

**LASON**

The Information Management Company

**PERMIT #**

***B0002634***

B0002634

# Flood Program Legend

For Design and Construction of Flood Protection Systems  
Flood Hazard Areas - Coastal Flood Hazard Areas

## Residential

1. Flood Hazard Areas - Coastal Flood Hazard Areas  
2. Flood Hazard Areas - Inland Flood Hazard Areas  
3. Flood Hazard Areas - Urban Flood Hazard Areas  
4. Flood Hazard Areas - Rural Flood Hazard Areas  
5. Flood Hazard Areas - Other Flood Hazard Areas

| Address         | Block | Plot | Block | Page |
|-----------------|-------|------|-------|------|
| 194 Palm Avenue | 194   | 194  | 194   | 194  |
| Address         | Block | Plot | Block | Page |
| 194 Palm Avenue | 194   | 194  | 194   | 194  |
| Address         | Block | Plot | Block | Page |
| 194 Palm Avenue | 194   | 194  | 194   | 194  |

Survey prepared by: [Name]  
Elevation: [Value]  
Existing: [Value]  
Proposed: [Value]

For Flood Protection Certificate, it is required before any construction is started that the Flood Protection Certificate be obtained from the Department of Public Works, City of Miami Beach, Florida.

Lowest Floor - Shall mean the lowest floor of the lowest finished area (including basement) of the building. It shall not include any area below ground level which is used for parking, storage, or other purposes.

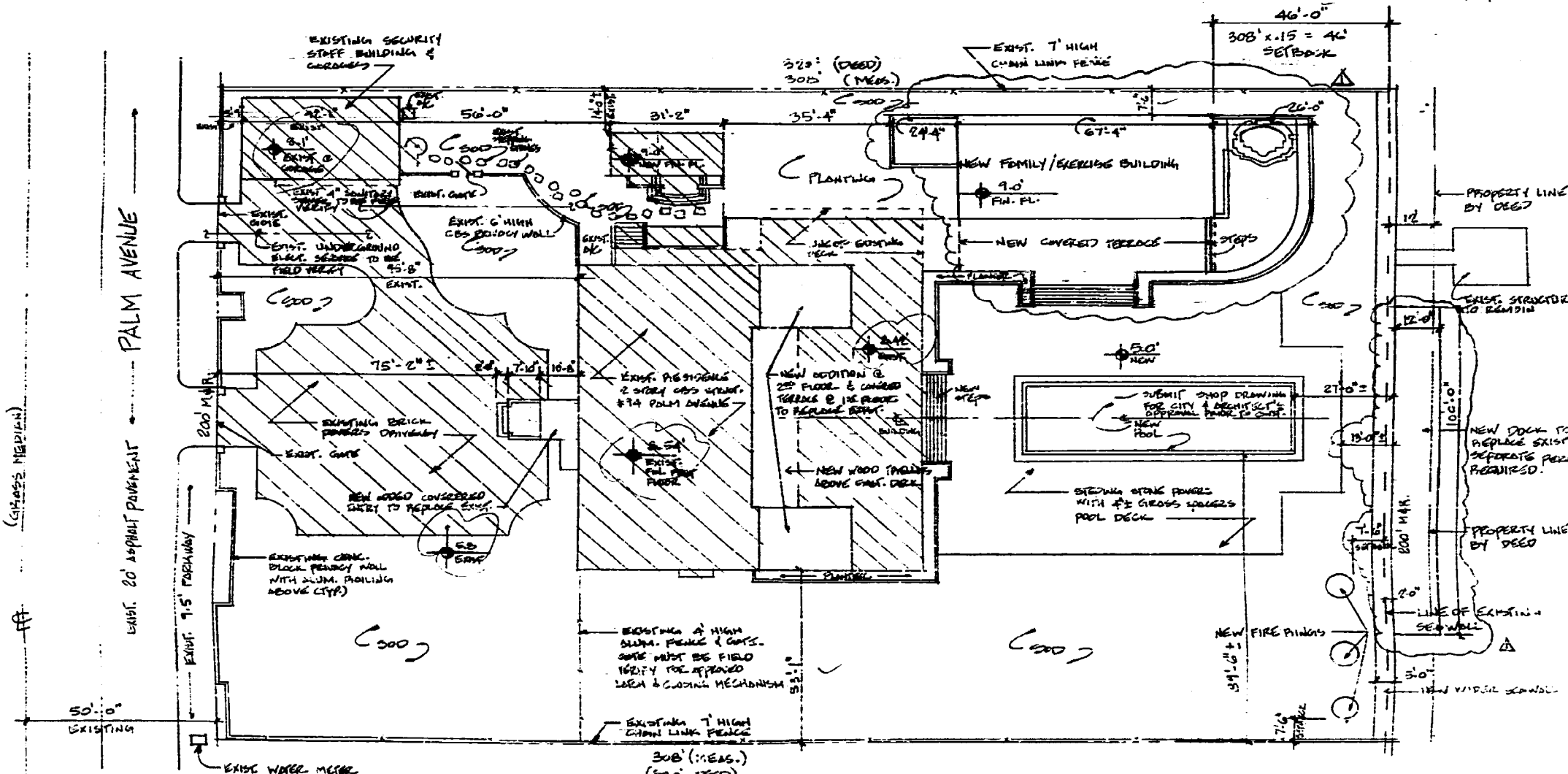
Garage or Storage - Shall mean any area below the lowest finished area of the building which is used for parking, storage, or other purposes. It shall not include any area above ground level which is used for parking, storage, or other purposes.

Adjacent Grade - Shall mean the highest finished grade elevation of the ground surface next to the proposed wall of the structure. It shall not include any area below ground level which is used for parking, storage, or other purposes.

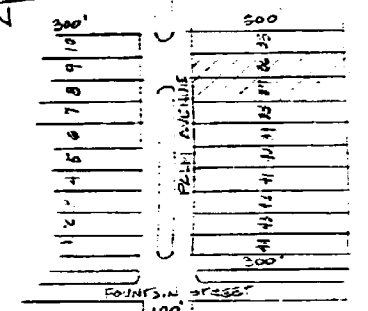
Adjacent Grade - Shall mean the highest finished grade elevation of the ground surface next to the proposed wall of the structure. It shall not include any area below ground level which is used for parking, storage, or other purposes.

Adjacent Grade - Shall mean the highest finished grade elevation of the ground surface next to the proposed wall of the structure. It shall not include any area below ground level which is used for parking, storage, or other purposes.

PERF. FLOOD CALCULATION  
46' x 200' x 30' = 2760 CF  
PROPOSED PAVED AREA = 1850 SF < 2760 SF



BISCAYNE BAY



LOCATION SKETCH  
SCALE: 1" = 400'

CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY THE FOLLOWING:

DATE: [Date]  
BY: [Signature]

## SITE DATA

LOT SIZE = 46,000 SF

LOT COVERAGE = (EXISTING) UNDER ROOF

SECURITY BUILDING 1019 SF

MAINT. BUILDING 299 SF

WATER TREATMENT BUILDING 2087 SF

MAIN BUILDING 233 SF

COVERED DECK 2102 SF

TOTAL 6929 SF

The following shop drawings are not part of this permit.

Shop drawings shall be submitted under

EXISTING

FLOOR ELEVATION

BOOK FLOOD ELEVATION 9' AS

COMMUNITY PANEL SURVEY 120591-0191-2

DATE OF #1111 1/2/79

## SITE PLAN

SCALE 1"=20'-0"

## LEGAL DESCRIPTION

LOT 26 AND 27 IN BLOCK 1, OF PALM ISLAND

ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT

BOOK 15 AT PAGE 154 OF THE PUBLIC RECORDS OF

DADE COUNTY, FLORIDA.



ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS

ARCHITECTS

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS

MIAMI BEACH, FLORIDA

94 PALM AVENUE

REVISIONS

DATE: [Date]

BY: [Signature]

DATE: [Date]

BY: [Signature]

DATE: [Date]

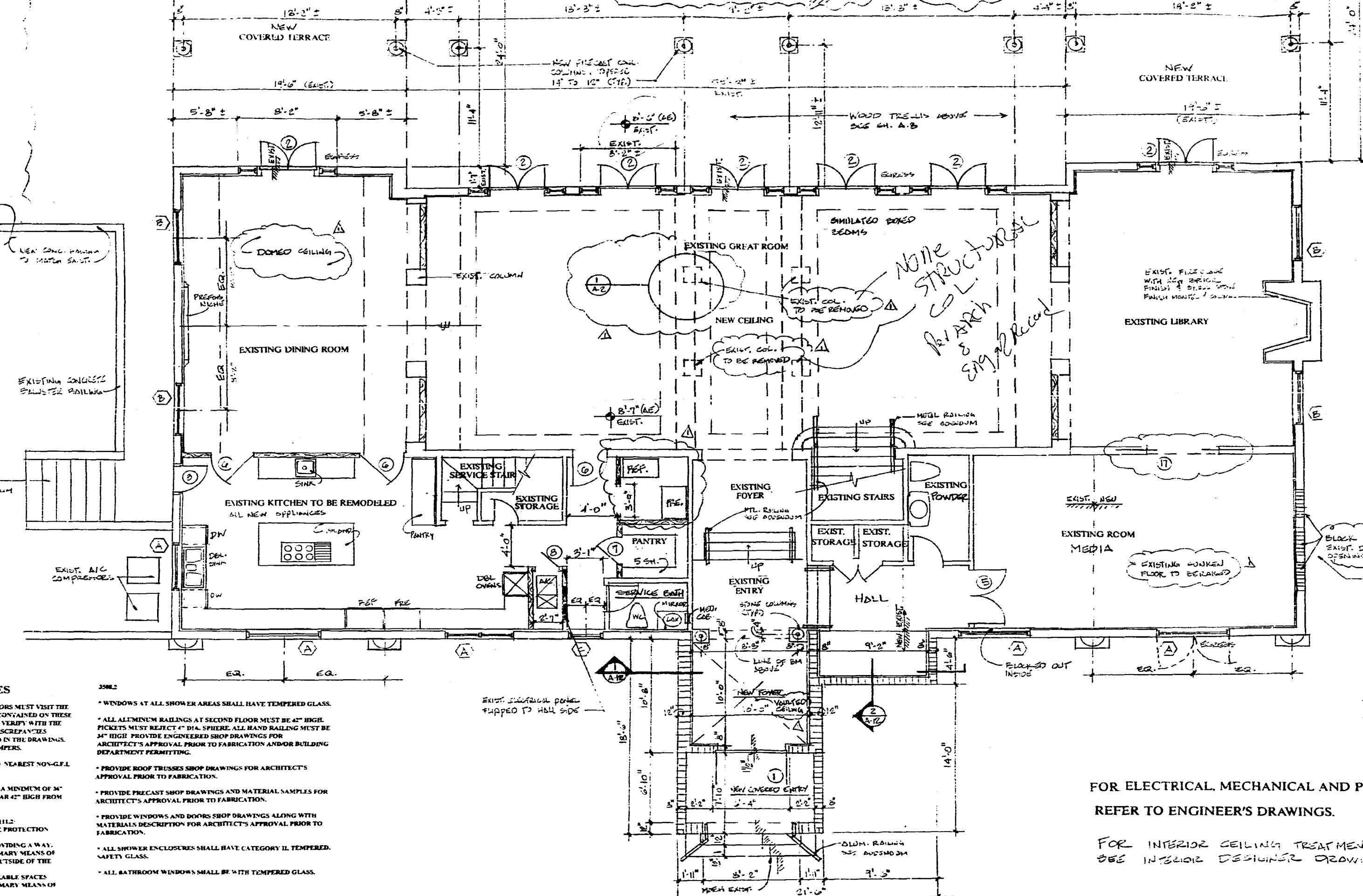
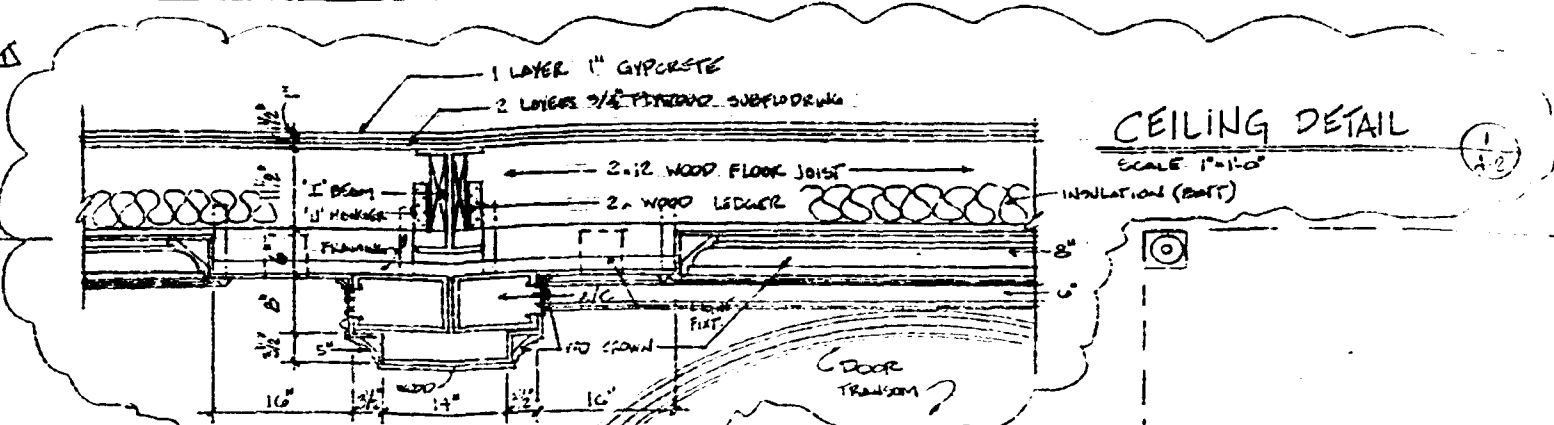
BY: [Signature]

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DATE: [Date]

BY: [Signature]



GENERAL NOTES

- \* GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS.
- \* EXHAUST FANS MUST BE EQUIPPED WITH DAMPERS.
- \* SMOKE DETECTORS MUST BE CONNECTED TO NEAREST NON-GEL CIRCUIT.
- \* ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 34\"/>

The following shop drawings are part of this permit. Must provide shop drawings under separate permit for:

- Roof Joist
- Stairs
- Skylights
- Steel Deck
- Structural Steel
- Trusses
- Windows
- Other

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

LEGEND  
NEW SHIP PARTIAL W/ R-10 BATT INSULATION  
EXISTING  
NEW SHIP W/ R-10 BATT INSULATION

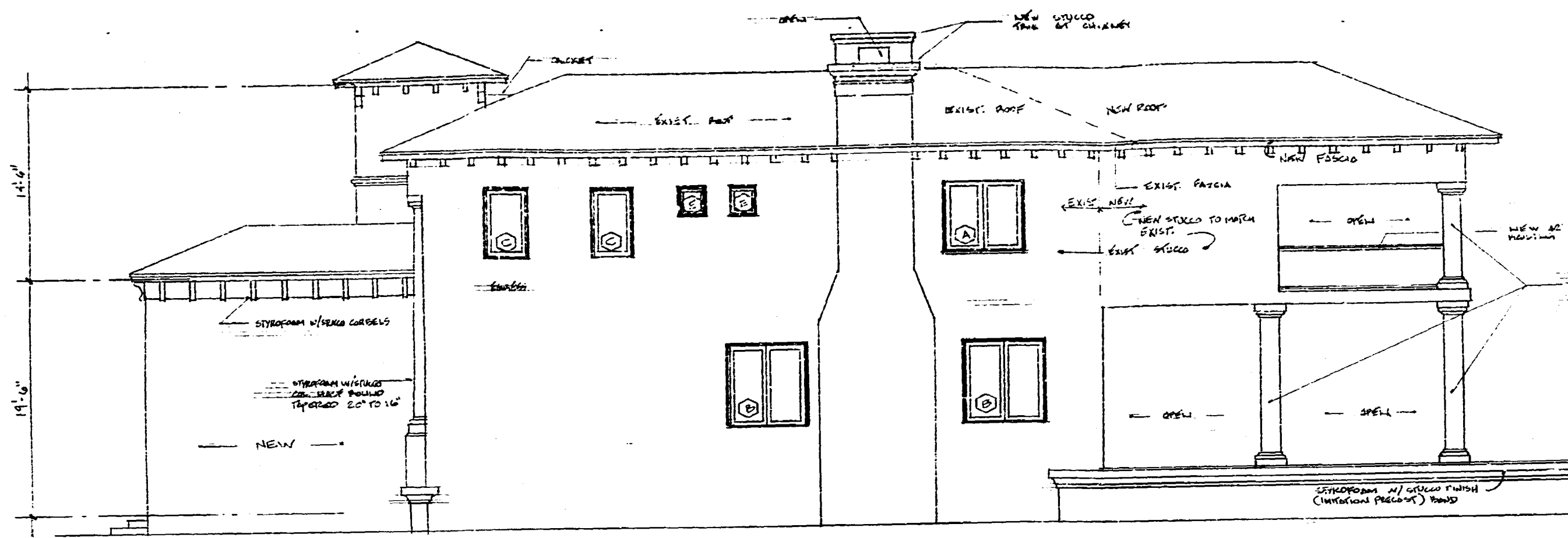
FOR ELECTRICAL, MECHANICAL AND PLUMBING SIZES AND INFORMATION REFER TO ENGINEER'S DRAWINGS.

FOR INTERIOR CEILING TREATMENTS & SHOPS SEE INTERIOR DESIGNER DRAWINGS

OCT 87 1988

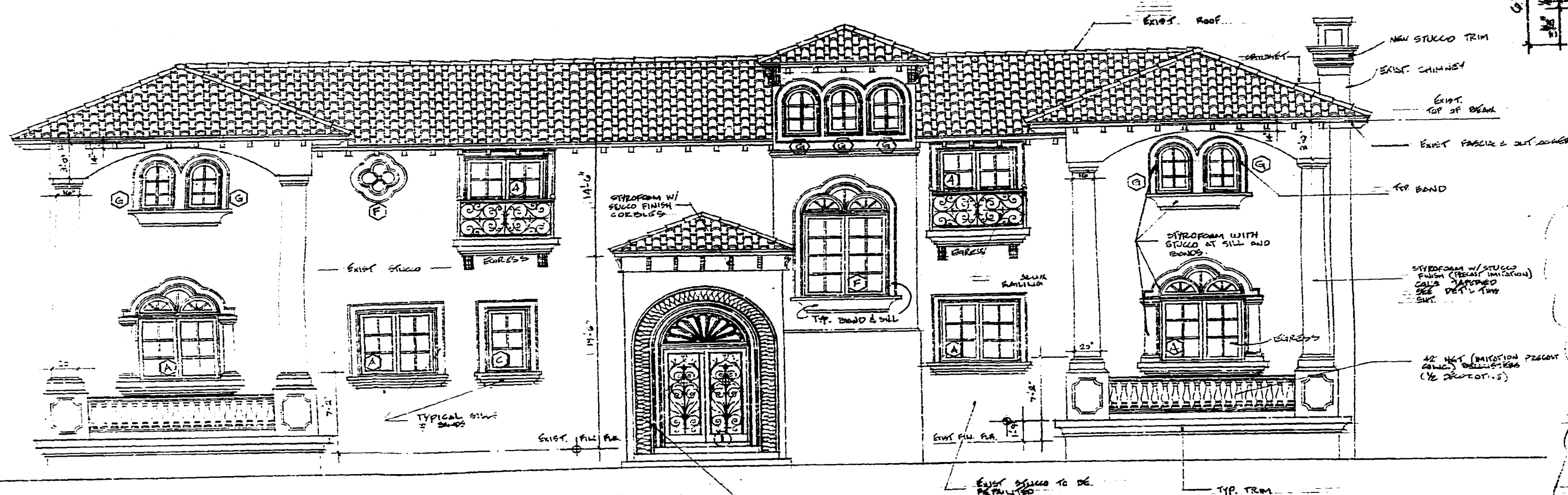






RIGHT SIDE ELEVATION

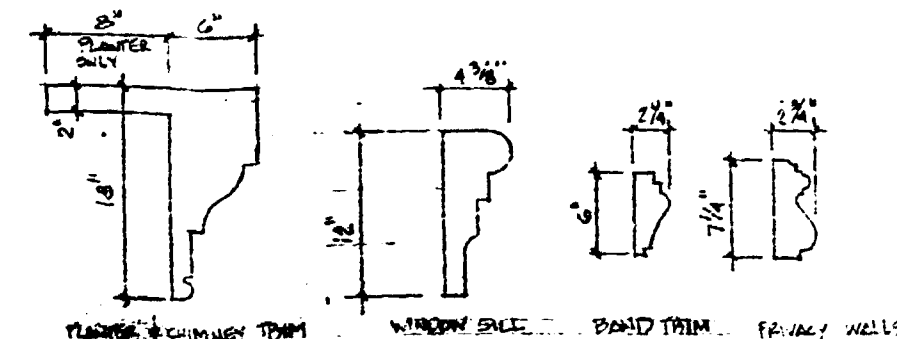
NOTE  
ALL WINDOWS & DOORS TO HAVE  
3/8\"/>



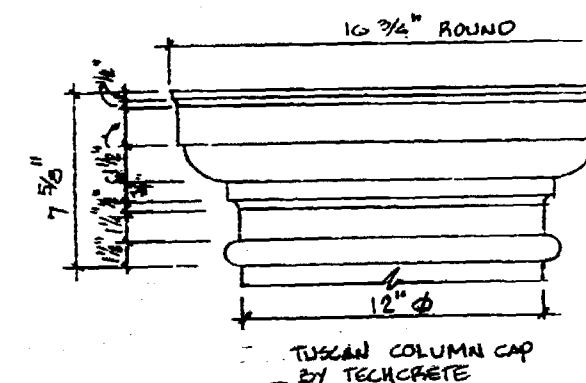
FRONT ELEVATION

SCALE 1/4\"/>

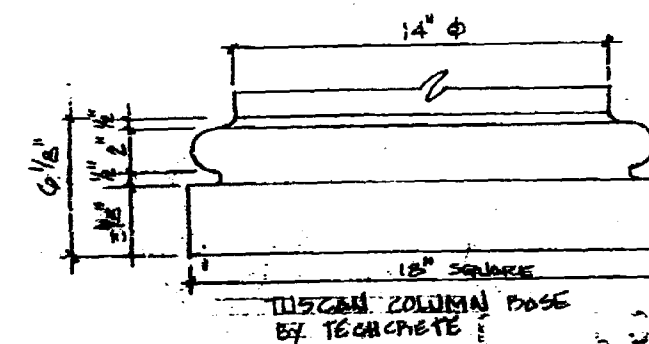
NOTE  
ALL WINDOWS & DOORS TO HAVE  
3/8\"/>



PRECAST TRIM PROFILES



TAPERED COLUMN 14\"/>



The following shop drawings are part of this permit. Most provide shop drawings under separate permit list:

|             |           |
|-------------|-----------|
| Steel Deck  | Staircase |
| Steel Joist | Staircase |
| Steel Beam  | Staircase |
| Steel Bolt  | Staircase |
| Staircase   | Staircase |
| Staircase   | Staircase |
| Staircase   | Staircase |
| Staircase   | Staircase |
| Staircase   | Staircase |
| Staircase   | Staircase |

TRIM NOTES

1. ALL BANDS & SILLS & OVERHEAD TRIMS TO BE MADE OF STYROFOAM WITH SIMULATION PRECAST FINISH STUCCO. SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
2. UNLESS NOTED OTHERWISE ALL COLUMNS TO BE OF PRECAST CONCRETE BY TECHCRETE OR SIMILAR. SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.
3. GENERAL CONTRACTOR TO COORDINATE FINISHED PRODUCTS OF DIFFERENT MANUFACTURERS FOR SIMILARITY IN COLOR & TEXTURE. SUBMIT SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO PURCHASING.

RAILING NOTES

1. ALL BALCONY RAILINGS MUST BE 42\"/>
2. ALL STAIR RAILINGS MUST BE AS FOLLOWS:  
 a. OPENED SIDE (NO WALLS), PROVIDE 3\"/>



ROBERT W. ARCHITECTS

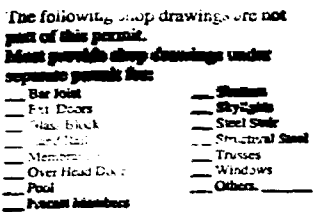
**INDUSTRIAL HOLDINGS**

DOMINION INDUSTRIAL HOLDINGS

[illegible]

|   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
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**ACT 2 : ~~100~~**

# MAIN BUILDING

## FINISH SCHEDULE

| ROOM                                      | FLOORS             | WALLS               | BASE/CROWN | CEILING              | REMARKS                                     |
|---|--------------------|---------------------|------------|----------------------|---|
| <b>FIRST FLOOR</b>                        |                    |                     |            |                      |   |
| TOYER                                     | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| HALL                                      | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| POWDER                                    | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| KITCHEN                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| DINING ROOM                               | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BREAKFAST ROOM                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| KITCHEN BATH                              | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| PANTRY                                    | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REFRIGERATOR RM.                          | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| SERVICE STALLS                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| STORAGE CLOSETS                           | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| MAIN STAIRS                               | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| <b>SECOND FLOOR</b>                       |                    |                     |            |                      |   |
| HALL                                      | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| MASTER BEDROOM                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| HIS MASTER BATH                           | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| HIS MASTER BATH                           | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| DRESSING                                  | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| MASTER Foyer                              | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REDROOM #2                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| W.I. CLOSET #2                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BATH #2                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REDROOM #3                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| CLOSET #3                                 | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BATH #3                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REDROOM #4                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| W.I. CLOSET #4                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BATH #4                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REDROOM #5                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| CLOSET #5                                 | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BATH #5                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| REDROOM #6                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| W.I. CLOSET #6                            | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| BATH #6                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| <b>EXTERIOR NON AIR CONDITIONED AREAS</b> |                    |                     |            |                      |   |
| COVERED ENTRY                             | SATURDAY H.        | PRECAST CONC. COL.  |            | SMOOTH STUCCO FINISH |   |
| COVERED TERRACE                           | SATURDAY H.        | PRECAST CONC. COL.  |            | SMOOTH STUCCO FINISH |   |
| DRIVEWAY                                  | EXISTING           |                     |            |                      |   |
| STAIRS                                    | SATURDAY H.        |                     |            |                      |   |
| ROOF                                      | EXISTING TO REMAIN |                     |            |                      | SEE GENERAL SPECIFICATIONS FOR MANUFACTURER |

NOTES  
ALL DRYWALL SHALL BE BLUE BOARD 5/8" TYPE "X" UNLESS NOTED OTHERWISE.  
ALL SHOWER WALLS SHALL BE 1/2" GURCOCK WITH TILE FINISH TO CEILING.  
H. = HONEY.  
F. = FILLED.

# UTILITY BUILDING

## FINISH SCHEDULE

| ROOM                                      | FLOORS             | WALLS               | BASE/CROWN | CEILING             | REMARKS                                     |
|---|--------------------|---------------------|------------|---------------------|---|
| <b>FIRST FLOOR</b>                        |                    |                     |            |                     |   |
| REDROOM #1                                | CARPET             | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND |   |
| CLOSET #1                                 | CARPET             | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND |   |
| REDROOM #2                                | CARPET             | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND |   |
| CLOSET #2                                 | CARPET             | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND |   |
| BATH                                      | CERAMIC TILE       | GREENBOARD W/ COM.  | 6"         | DRYWALL W/ COMPOUND | SEE I.D. DRAWINGS                           |
| HALL                                      | CERAMIC TILE       | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND | SEE I.D. DRAWINGS                           |
| UTILITY ROOM                              | CERAMIC TILE       | DRYWALL W/ COMPOUND | 6"         | DRYWALL W/ COMPOUND | SEE I.D. DRAWINGS                           |
| <b>EXTERIOR NON AIR CONDITIONED AREAS</b> |                    |                     |            |                     |   |
| ENTRY                                     | SATURDAY H.        |                     |            |                     |   |
| STAIRS                                    | SATURDAY H.        |                     |            |                     |   |
| ROOF                                      | SATURDAY H.        |                     |            |                     |   |
| ROOF                                      | EXISTING TO REMAIN |                     |            |                     | SEE GENERAL SPECIFICATIONS FOR MANUFACTURER |

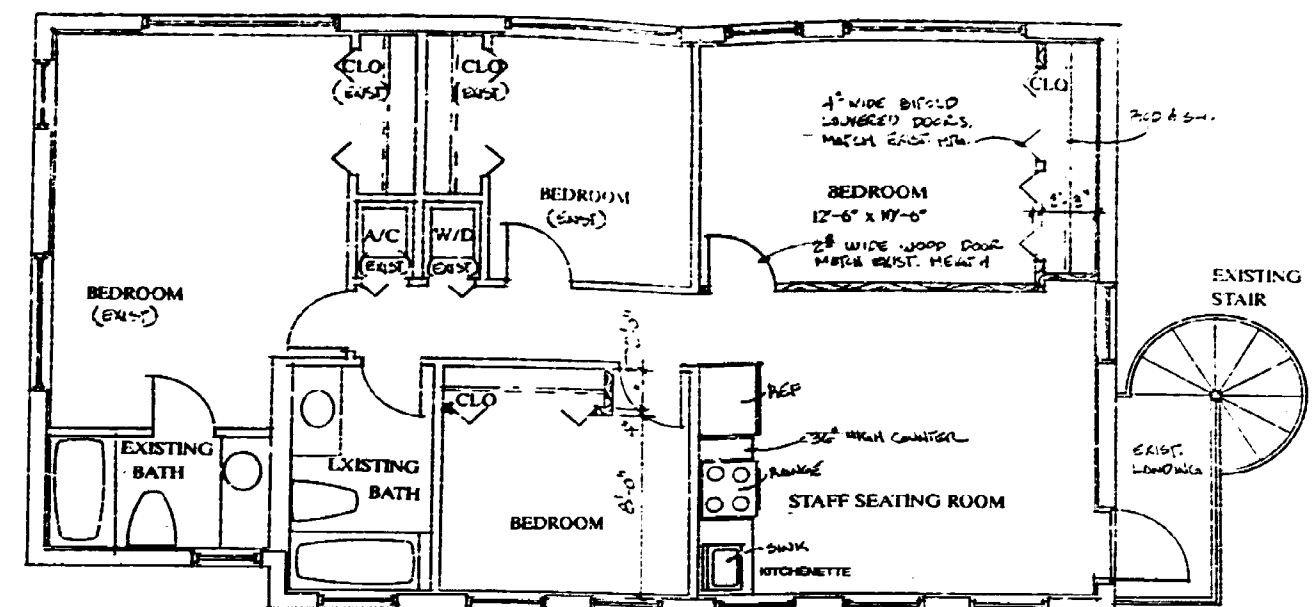
NOTES  
ALL DRYWALL SHALL BE BLUE BOARD 5/8" TYPE "X" UNLESS NOTED OTHERWISE.  
ALL SHOWER WALLS SHALL BE 1/2" GURCOCK WITH TILE FINISH TO CEILING.  
H. = HONEY.  
F. = FILLED.

# ENTERTAINMENT BUILDING

## FINISH SCHEDULE

| ROOM                                      | FLOORS             | WALLS               | BASE/CROWN | CEILING              | REMARKS                                     |
|---|--------------------|---------------------|------------|----------------------|---|
| <b>FIRST FLOOR</b>                        |                    |                     |            |                      |   |
| DANCE AREA                                | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  |   |
| BAR                                       | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| SEATING                                   | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| NON DANCE                                 | SATURDAY H. & F.   | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| POWDER BATH                               | POWDER             | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| STEAM ROOM                                | CERAMIC TILE       | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| GYM                                       | CARPET             | DRYWALL W/ NON-COTE | 6" / 6"    | DRYWALL W/ NON-COTE  | SEE I.D. DRAWINGS                           |
| <b>EXTERIOR NON AIR CONDITIONED AREAS</b> |                    |                     |            |                      |   |
| COVERED TERRACE                           | SATURDAY H.        | PRECAST CONC. COL.  |            | SMOOTH STUCCO FINISH |   |
| ENTRY                                     | SATURDAY H.        |                     |            |                      |   |
| STAIRS                                    | SATURDAY H.        |                     |            |                      |   |
| ROOF                                      | SATURDAY H.        |                     |            |                      |   |
| ROOF                                      | EXISTING TO REMAIN |                     |            |                      | SEE GENERAL SPECIFICATIONS FOR MANUFACTURER |

NOTES  
ALL DRYWALL SHALL BE BLUE BOARD 5/8" TYPE "X" UNLESS NOTED OTHERWISE.  
ALL SHOWER WALLS SHALL BE 1/2" GURCOCK WITH TILE FINISH TO CEILING.  
H. = HONEY.  
F. = FILLED.



(EXISTING WINDOWS TO REMAIN)

NEW STAIR POSITION N/R-11  
DOOR INSULATION

## FLOOR PLAN

SCALE 1/4"=1'-0"

FOR ELECTRICAL, MECHANICAL AND PLUMBING SIZES AND INFORMATION  
REFER TO ENGINEER'S DRAWINGS.

The following shop drawings are not  
part of this permit.  
Must provide shop drawings under  
separate permit to:  
- Structural Steel  
- Steel Deck  
- Metal Roofing  
- Membrane and waterproofing  
- Over Head Doors  
- Purlins  
- Window Frames  
- Others

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

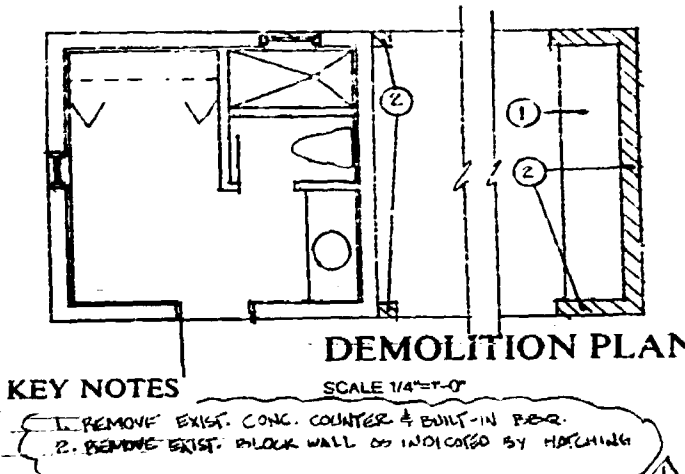
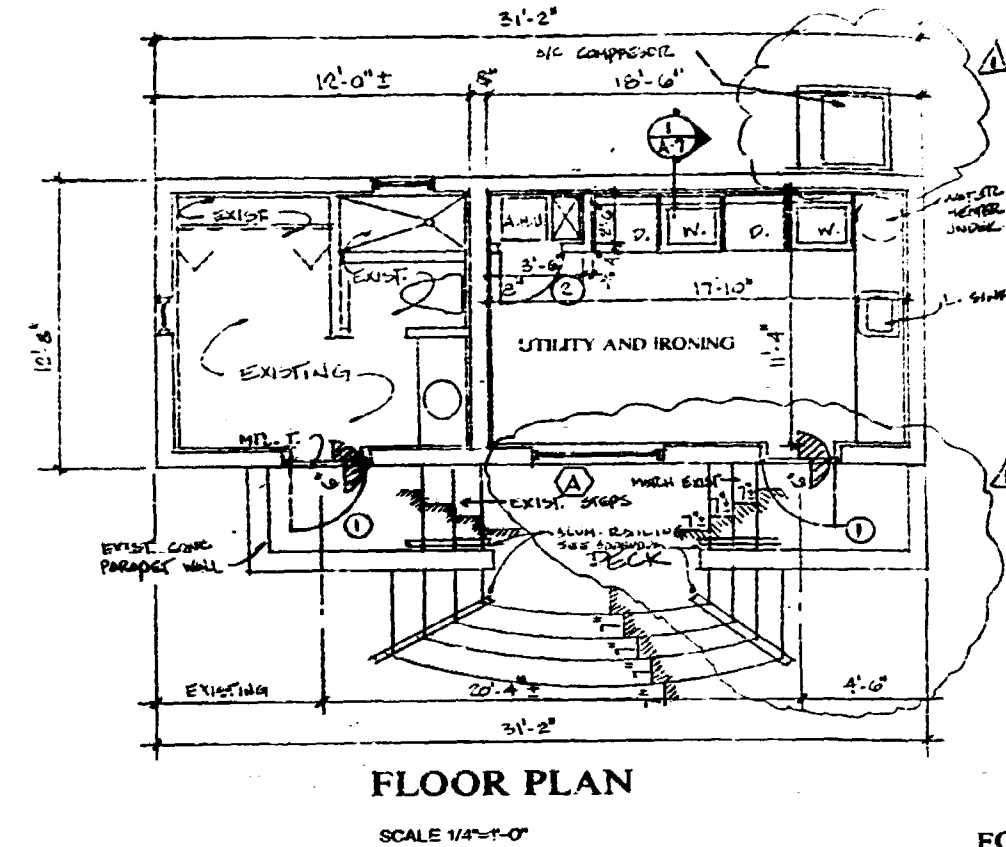
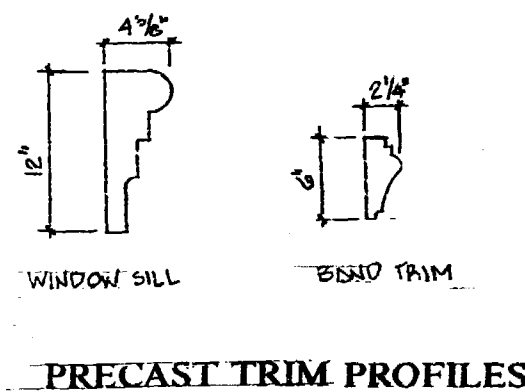
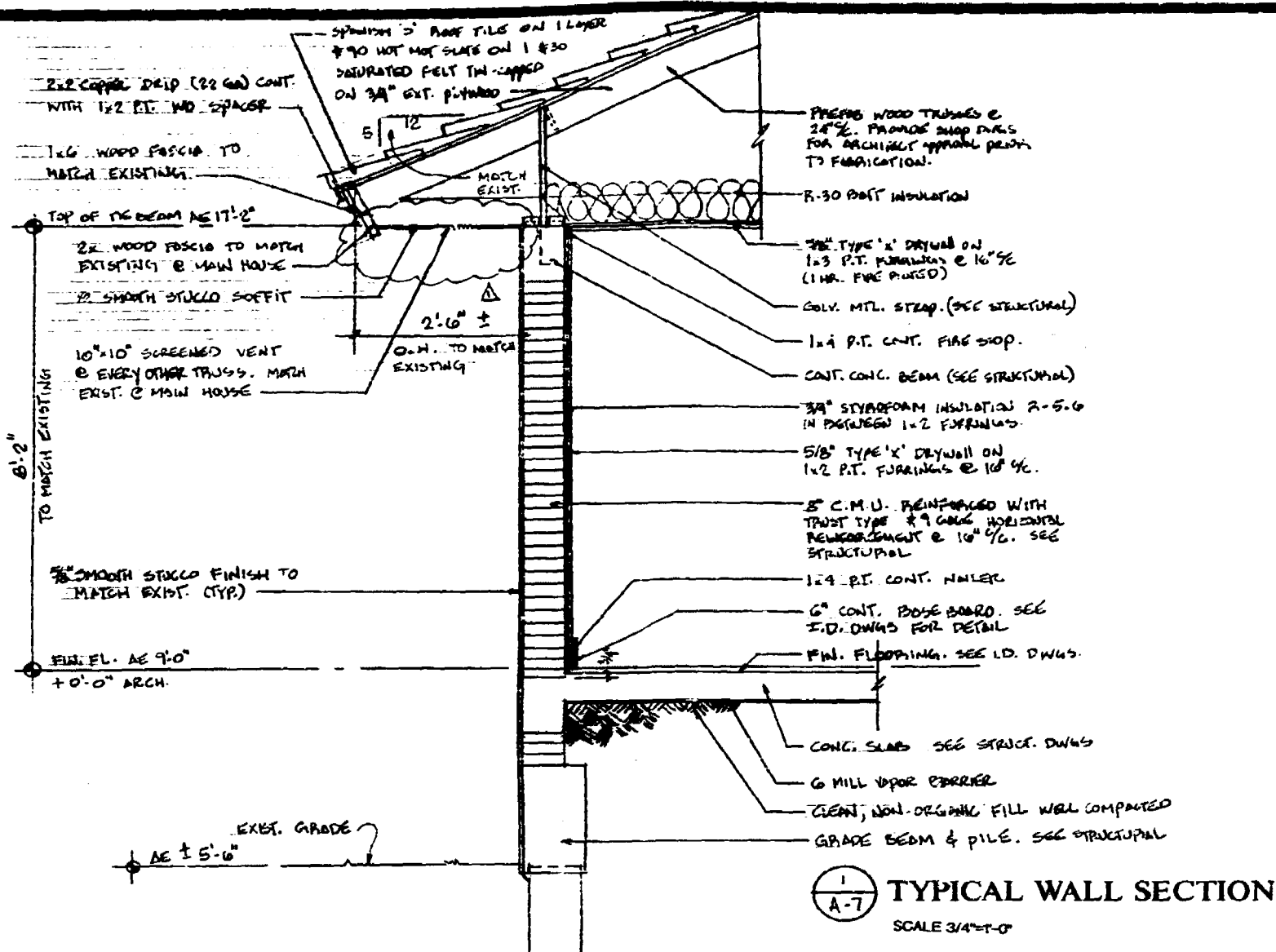


ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
94 PALM AVENUE  
MIAMI BEACH, FLORIDA

REVISIONS

DATE  
5-17-91  
SHEET  
A-6  
OF



FOR ELECTRICAL, MECHANICAL AND PLUMBING  
SIZES AND INFORMATION REFER TO ENGINEER'S  
DRAWINGS.

| WINDOW SCHEDULE |       |        |               |         |                    |
|-----------------|-------|--------|---------------|---------|--------------------|
| NO.             | WIDTH | HEIGHT | FINISH        | REMARKS | REMARKS            |
| 1               | 60"   | 48"    | ALUM. CASSETT | GLASS   | IMPACT GLASS, 3/4" |

NOTES:  
1. ALL GLASS TO BE 3/4" SH-10 IMPACT GLASS.  
2. SIZES ARE APPROXIMATE, VERIFY SIZES WITH WINDOW MANUFACTURER.  
3. PROVIDE SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

The following shop drawings are not part of this permit. Must provide shop drawings under separate permit for:  
Bar Joist  
Steel Deck  
Steel Joist  
Structural Steel  
Trusses  
Wood Deck  
Wood Joist  
Wood Truss

| DOOR SCHEDULE |       |        |              |         |               |
|---------------|-------|--------|--------------|---------|---------------|
| NO.           | WIDTH | HEIGHT | FINISH       | REMARKS | REMARKS       |
| 1             | 30"   | 80"    | WOOD, FRENCH | 1       | ALUM. W/ BOP. |
| 2             | 32"   | 80"    | WOOD, COMB.  | 2       | ALUM. W/ BOP. |

NOTES:  
1. PROVIDE FULL WEATHER STRIPPING, DEAD-BOLT FOR CORE, MET. THRESHOLD.  
2. PROVIDE AIR TIGHT, POSITIVE A/C RESIST.

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

*[Signature]*  
DATE: 10/27/00  
SHEET: A-7

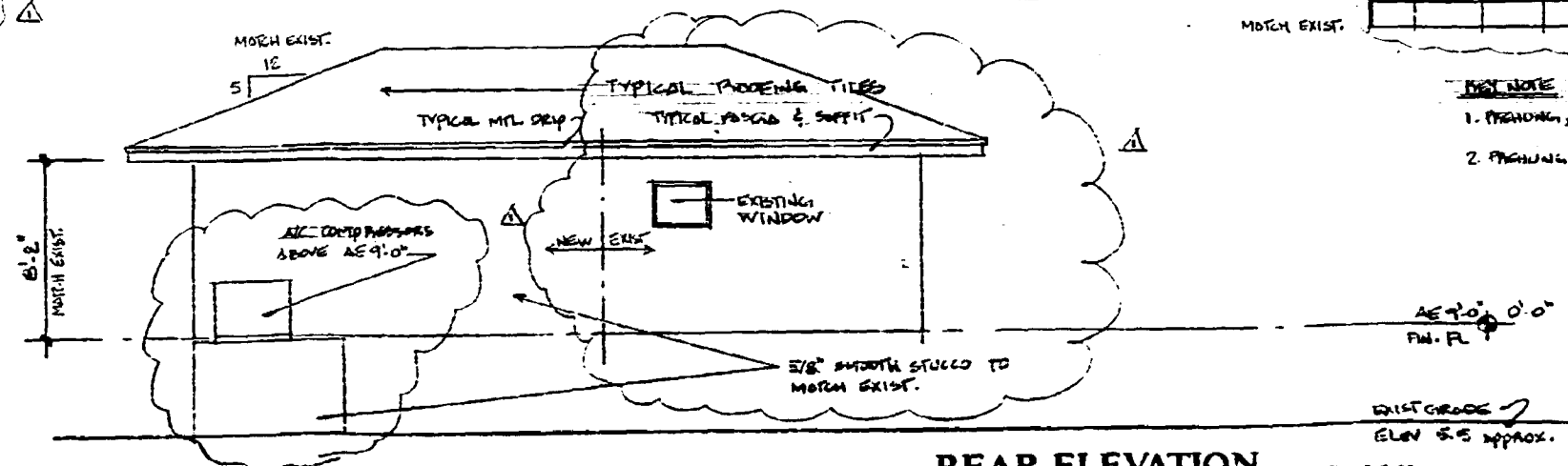
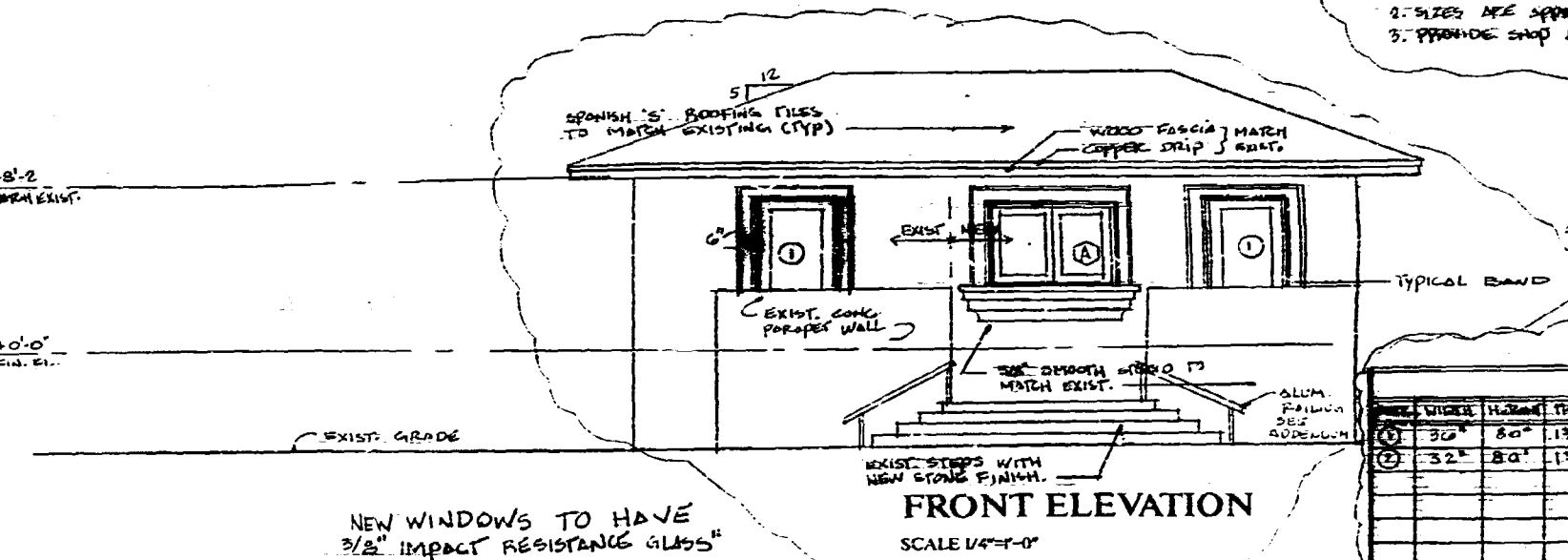
# GENERAL NOTES

- \* GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS. \* EXHAUST FANS MUST BE EQUIPPED WITH DAMPERS.
- \* SMOKE DETECTORS MUST BE CONNECTED TO NEAREST NON-G.F.I. CIRCUIT.
- \* ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 34" FROM FINISH FLOOR OR PROVIDE SECURITY BAR 42" HIGH FROM FINISH FLOOR.
- \* SECOND MEANS OF ESCAPE SE E.C. SECTION 311.2. THE SECOND MEANS OF ESCAPE OR ALTERNATE PROTECTION SHALL BE ONE OF THE FOLLOWING:  
(A) A DOOR, STAIRWAY, PASSAGE OR HALL PROVIDING A WAY, INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE, OF UNOBSTRUCTED TRAVEL TO THE OUTSIDE OF THE DWELLING AT STREET OR GROUND LEVEL.  
(B) A PASSAGE THROUGH ADJACENT NONLOCKABLE SPACES INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE TO ANY APPROVED MEANS OF ESCAPE.  
(C) AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT AND 5.7 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44 INCHES OFF THE FLOOR. SUCH MEANS OF ESCAPE SHALL BE ACCEPTABLE IF:  
(C1) THE WINDOW IS WITHIN 20 FEET OF GRADE, OR  
(C2) THE WINDOW IS DIRECTLY ACCESSIBLE TO THE FIRE DEPARTMENT RESCUE LADDER AS APPROVED BY THE BUILDING AND/OR FIRE OFFICIAL, OR  
(C3) THE WINDOW OR DOOR OPENS TO AN EXTERIOR BALCONY.
- \* ALL GLASS TO BE SH-10 IMPACT GLASS TO COMPLY WITH S.F.B.C. SECTION 311.2.

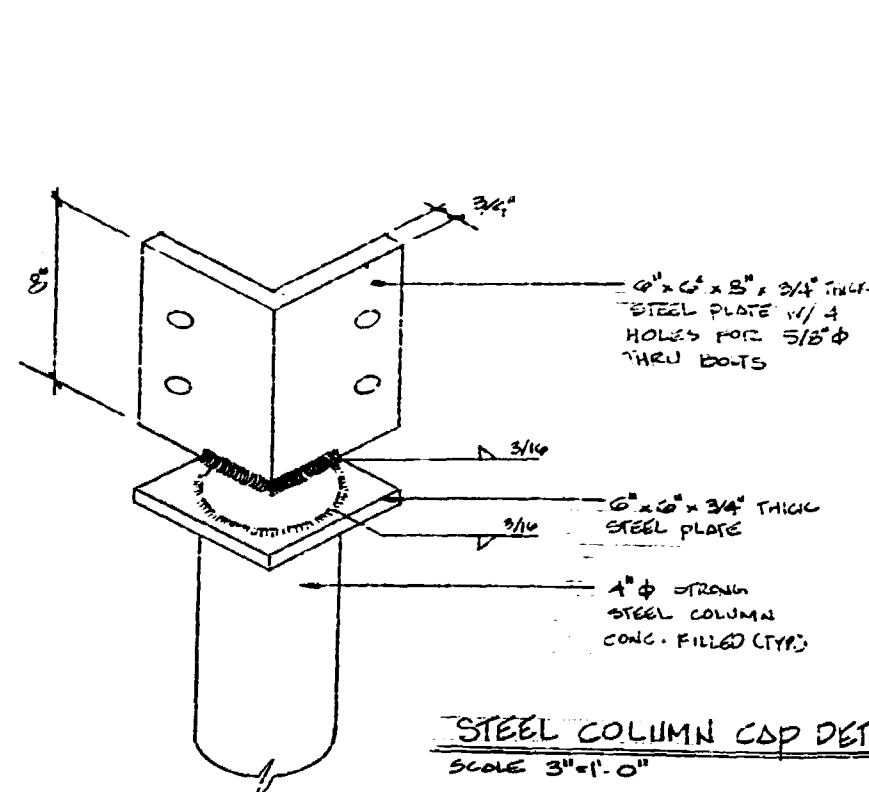
- \* WINDOWS AT ALL SHOWER AREAS SHALL HAVE TEMPERED GLASS.
- \* ALL ALUMINUM RAILINGS AT SECOND FLOOR MUST BE 42" HIGH. PICKETS MUST REFLECT 4" DIA. SPHERE. ALL HAND RAILING MUST BE 34" HIGH. PROVIDE ENGINEERED SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION AND/OR BUILDING DEPARTMENT PERMITTING.
- \* PROVIDE ROOF TRUSSES SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- \* PROVIDE PRECAST SHOP DRAWINGS AND MATERIAL SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- \* PROVIDE WINDOWS AND DOORS SHOP DRAWINGS ALONG WITH MATERIALS DESCRIPTION FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- \* ALL SHOWER ENCLOSURES SHALL HAVE CATEGORY II, TEMPERED, SAFETY GLASS.
- \* ALL BATHROOM WINDOWS SHALL BE WITH TEMPERED GLASS.

# LEFT SIDE ELEVATION SCALE 1/4\"/>

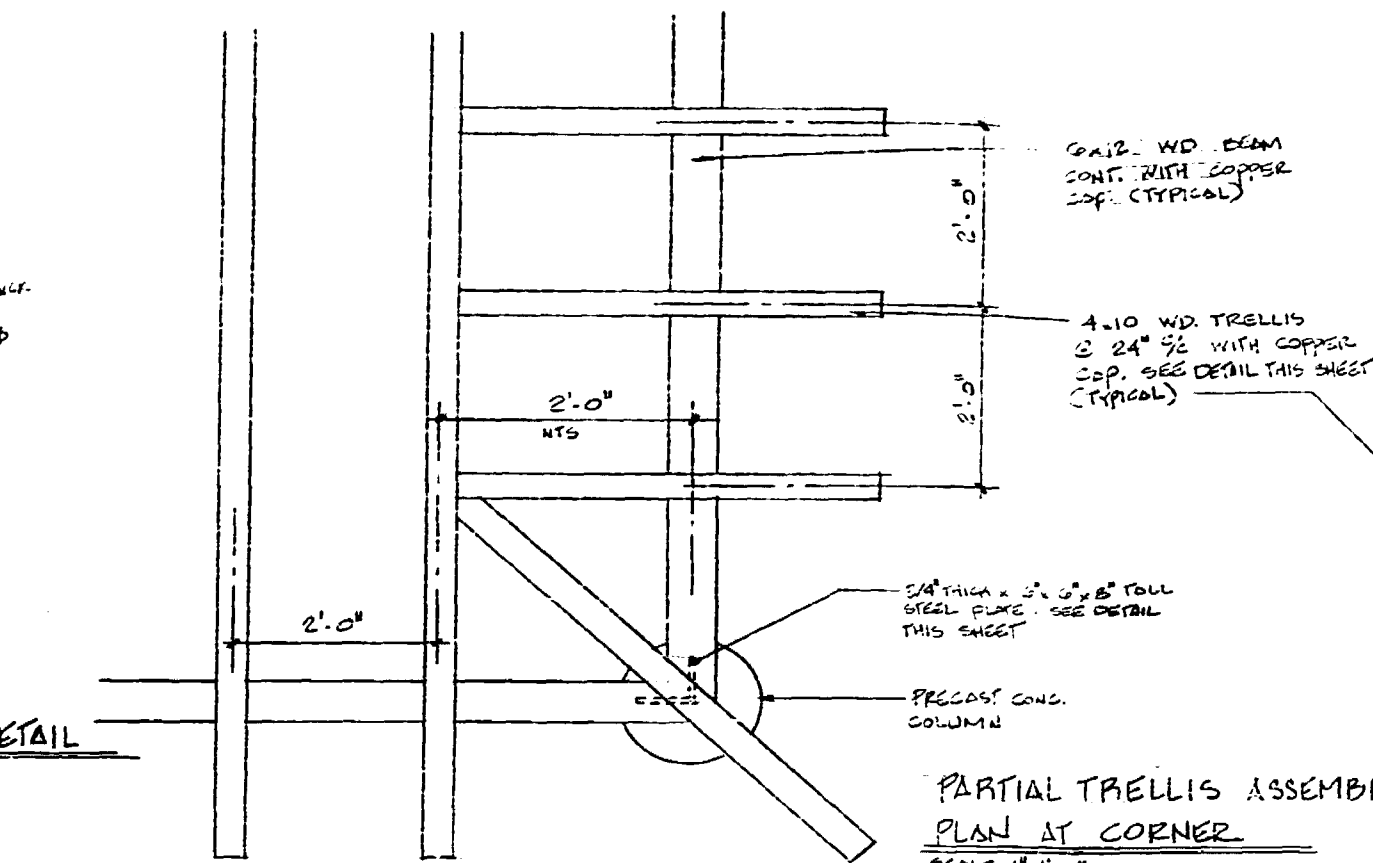
RIGHT SIDE ELEVATION IS SIMILAR



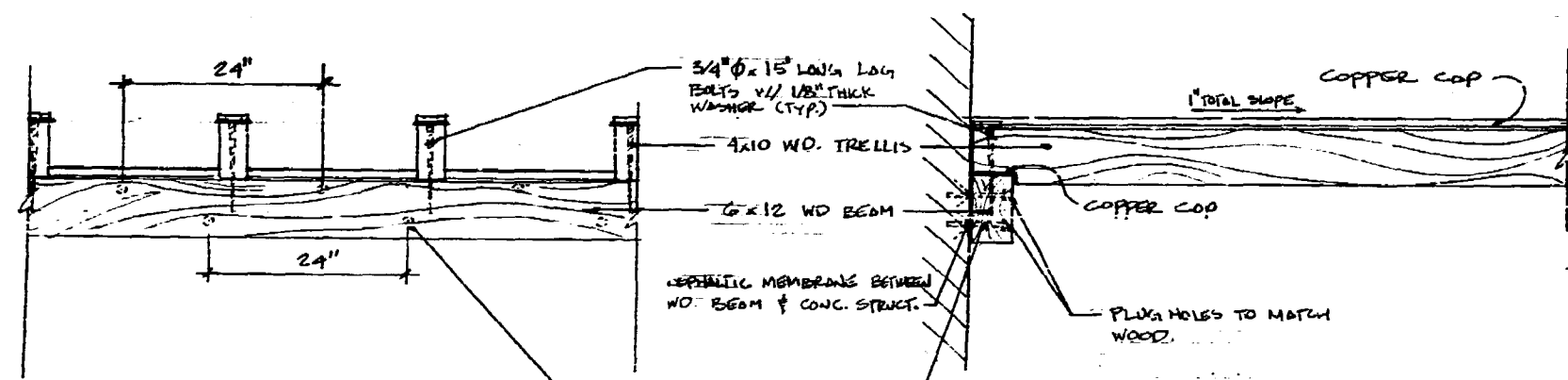
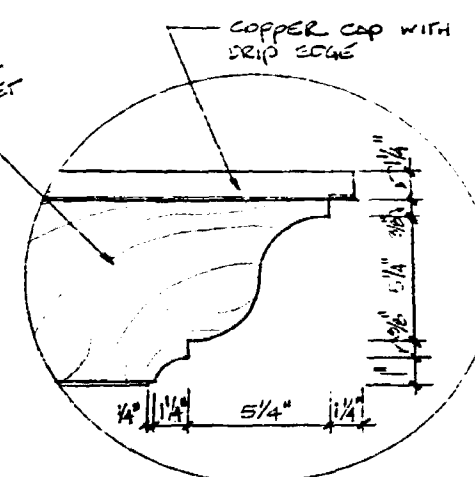




STEEL COLUMN CAP DETAIL  
SCALE 3"=1'-0"

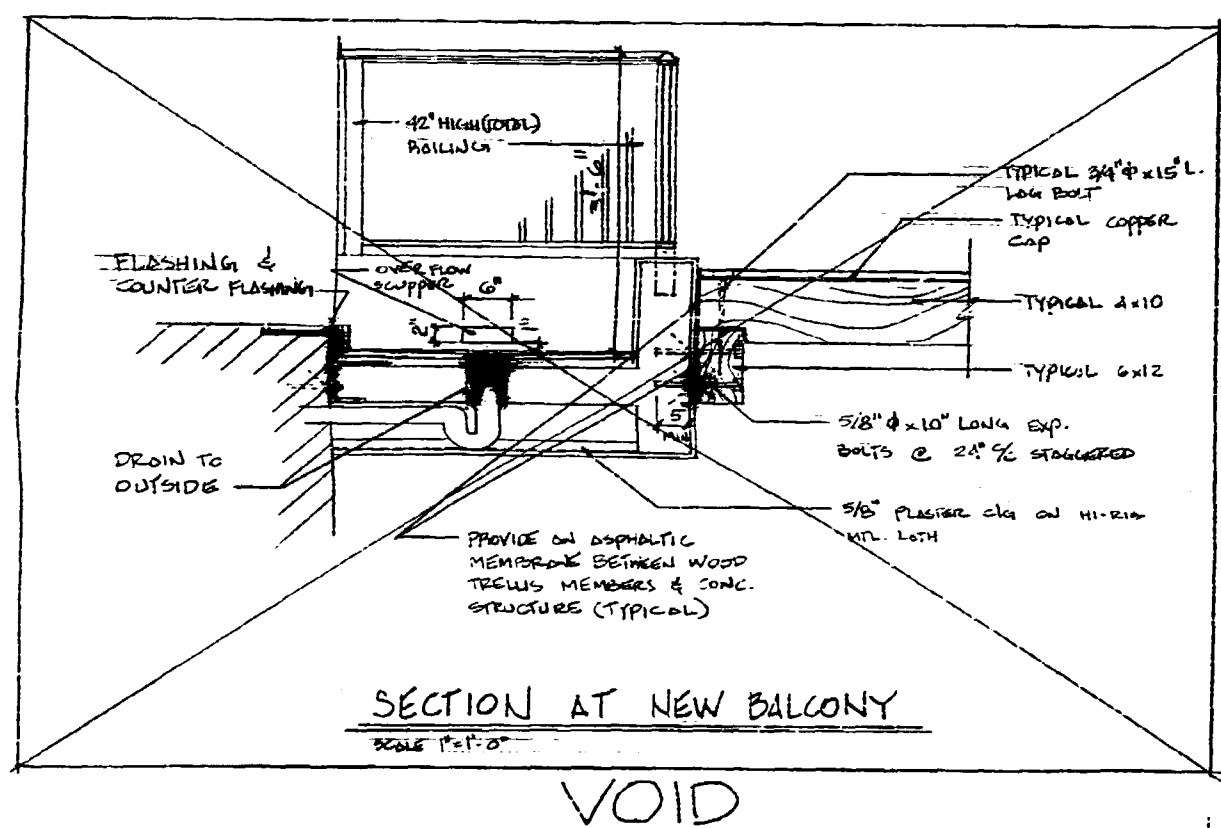


PARTIAL TRELLIS ASSEMBLY  
PLAN AT CORNER  
SCALE 1"=1'-0"

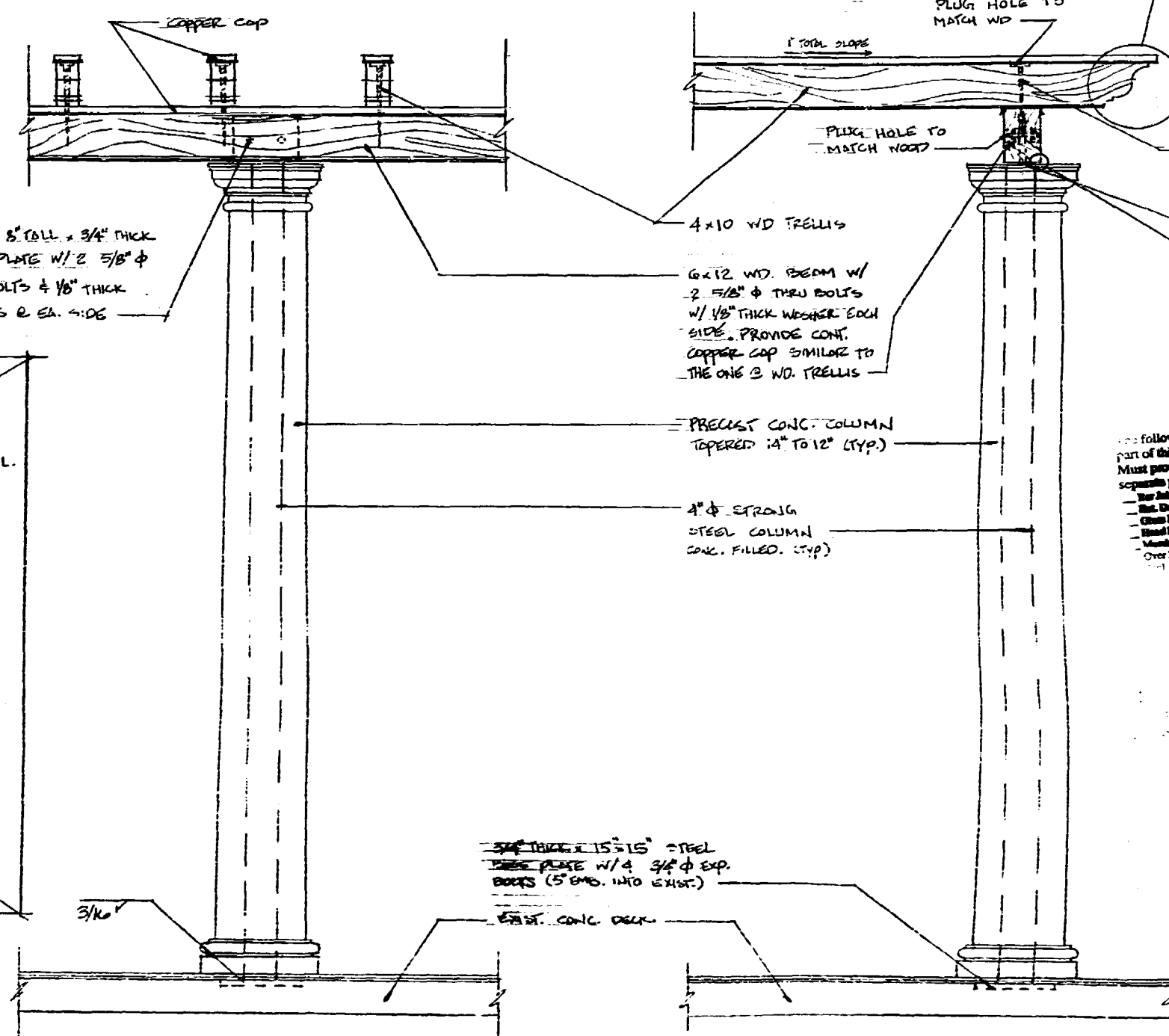


PARTIAL ELEVATION OF WOOD  
BEAM AT EXISTING WALL  
SCALE 1"=1'-0"

SECTION AT EXISTING WALL  
SCALE 1"=1'-0"



SECTION AT NEW BALCONY  
SCALE 1"=1'-0"



PARTIAL FRONT ELEVATION  
SCALE 1"=1'-0"

PARTIAL SIDE ELEVATION  
SCALE 1"=1'-0"

THE FOLLOWING SHOP DRAWINGS ARE NOT PART OF THIS PERMIT. MUST PROVIDE SHOP DRAWINGS UNDER SEPARATE PERMIT NO.:

- Structures
- Stairways
- Handrails
- Guardrails
- Signage
- Lighting
- Other

FOR COPY  
OF THIS PERMIT  
FOR PERMIT BY  
THE FOLLOWING:



- \* GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS.
- \* EXHAUST FANS MUST BE EQUIPPED WITH DAMPERS.

\* SMOKE DETECTORS MUST BE CONNECTED TO NEAREST NON-G.F.L. CIRCUIT

\* ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 36" FROM FINISH FLOOR OR PROVIDE SECURITY BAR 42" HIGH FROM FINISH FLOOR.

\* SECOND MEANS OF ESCAPE S.F.R.C. SECTION 3111.2:  
BE THE SECOND MEANS OF ESCAPE OR ALTERNATE PROTECTION SHALL BE ONE OF THE FOLLOWING:  
(A) A DOOR, STAIRWAY, PASSAGE OR HALL, PROVIDING A WAY, INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE, OF UNOBSTRUCTED TRAVEL, TO THE OUTSIDE OF THE BUILDING AT STREET OR GROUND LEVEL.  
(B) A PASSAGE THROUGH ADJACENT NONHABITABLE SPACES INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE TO ANY APPROVED MEANS OF ESCAPE.

(C) AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT AND 5.7 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44 INCHES OFF THE FLOOR. SUCH MEANS OF ESCAPE SHALL BE ACCEPTABLE IF:

- (C.1) THE WINDOW IS WITHIN 20 FEET OF GRADE, OR
- (C.2) THE WINDOW IS DIRECTLY ACCESSIBLE TO THE FIRE DEPARTMENT RESCUE APPARATUS AS APPROVED BY THE BUILDING AND/OR FIRE OFFICIAL, OR
- (C.3) THE WINDOW OR DOOR OPENS TO AN EXTERIOR BALCONY.

• ALL OUTSIDE FIXED GLASS TO COMPLY WITH S.F.B.C. SECTION

2549

- \* WINDOWS AT ALL SHOWER AREAS SHALL HAVE TEMPERED GLASS
- \* ALL ALUMINUM RAILINGS AT SECOND FLOOR MUST BE 42" HIGH. PICKETS MUST RESIST 4" DIA. SPHERE. ALL HAND RAILING MUST BE 36" HIGH. PROVIDE ENGINEERED SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION AND ANS BUILDING DEPARTMENT PERMITTING.

\* PROVIDE ROOF TRUSSES SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

\* PROVIDE PRECAST SHOP DRAWINGS AND MATERIAL SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

\* PROVIDE WINDOWS AND DOORS SHOP DRAWINGS ALONG WITH MATERIALS DESCRIPTION FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

\* ALL SHOWER ENCLOSURES SHALL HAVE CATEGORY 2, TEMPLATED, SAFETY GLASS.

\* ALL BATHROOM WINDOWS SHALL BE WITH TEMPERED GLASS.

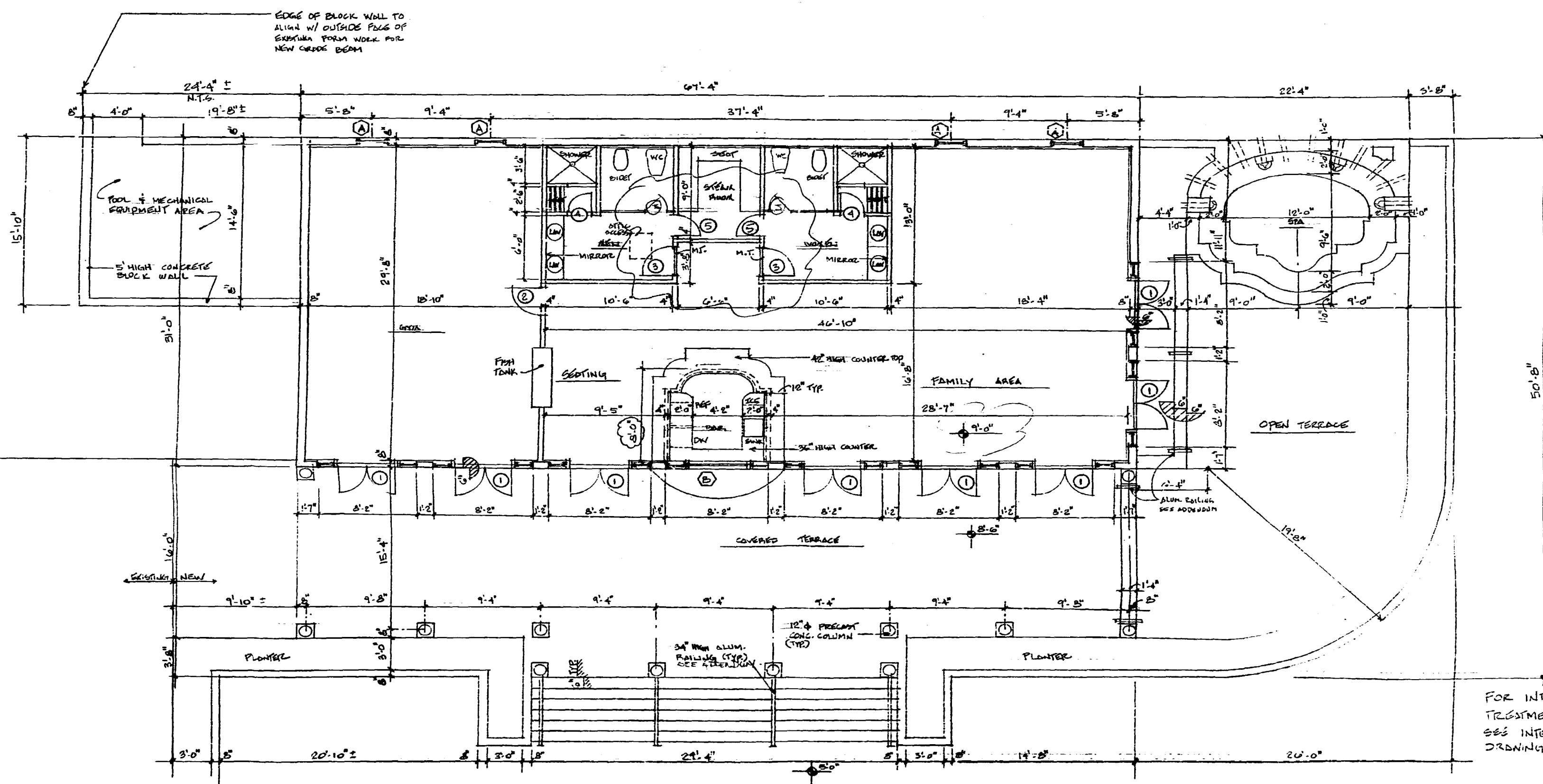
| MARK | WIDTH | HEIGHT | RADIUS | DESCRIPTION          | MANUFACT.   | REMARKS           |
|------|-------|--------|--------|----------------------|-------------|-------------------|
| A    | 30"   | 36"    | 15"    | WOOD CLBD, FIX       | WEATHER SH. | 3/8" IMPURE GLASS |
| B    | 24"   | 60"    | -      | WOOD CLBD, TISS TARD | "           | "                 |

## NOTES

1. ALL GLASS IN WINDOWS TO BE 3/8" HEAVY TINTED, IMPACT RESISTANT
2. SIZES ARE APPROXIMATE. VERIFY DIMENSIONS WITH NEWARK SHIELD
3. PROVIDE SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

[illegible]

1. FULL WEATHER STRIPPING, DEAD BOLT PER CODE, A.W.M. IN RES.
2. PREHUNG, AUTOMATIC LOCK
3. PREHUNG
4. ALUMINUM FRAME, 12" ROOM



The following shop drawings are not part of this permit.  
Must provide shop drawings under separate permit for:

|                       |                |
|-----------------------|----------------|
| — Bar Joints          | — Shooters     |
| — Bolts, Down         | — Skylights    |
| — Chain Hoist         | — Steel Sills  |
| — Head Bolt           | — Structural S |
| — Mechanical Drawings | — Windows      |
| — Over Head Doors     | — Windows      |
| — Purlin              | — Columns      |
| — Project Drawings    |                |

**XERO COPY**

OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

*[Signature]*

FOR INTERIOR CEILING  
TREATMENTS & SHAPES  
SEE INTERIOR DESIGNER  
DRAWINGS

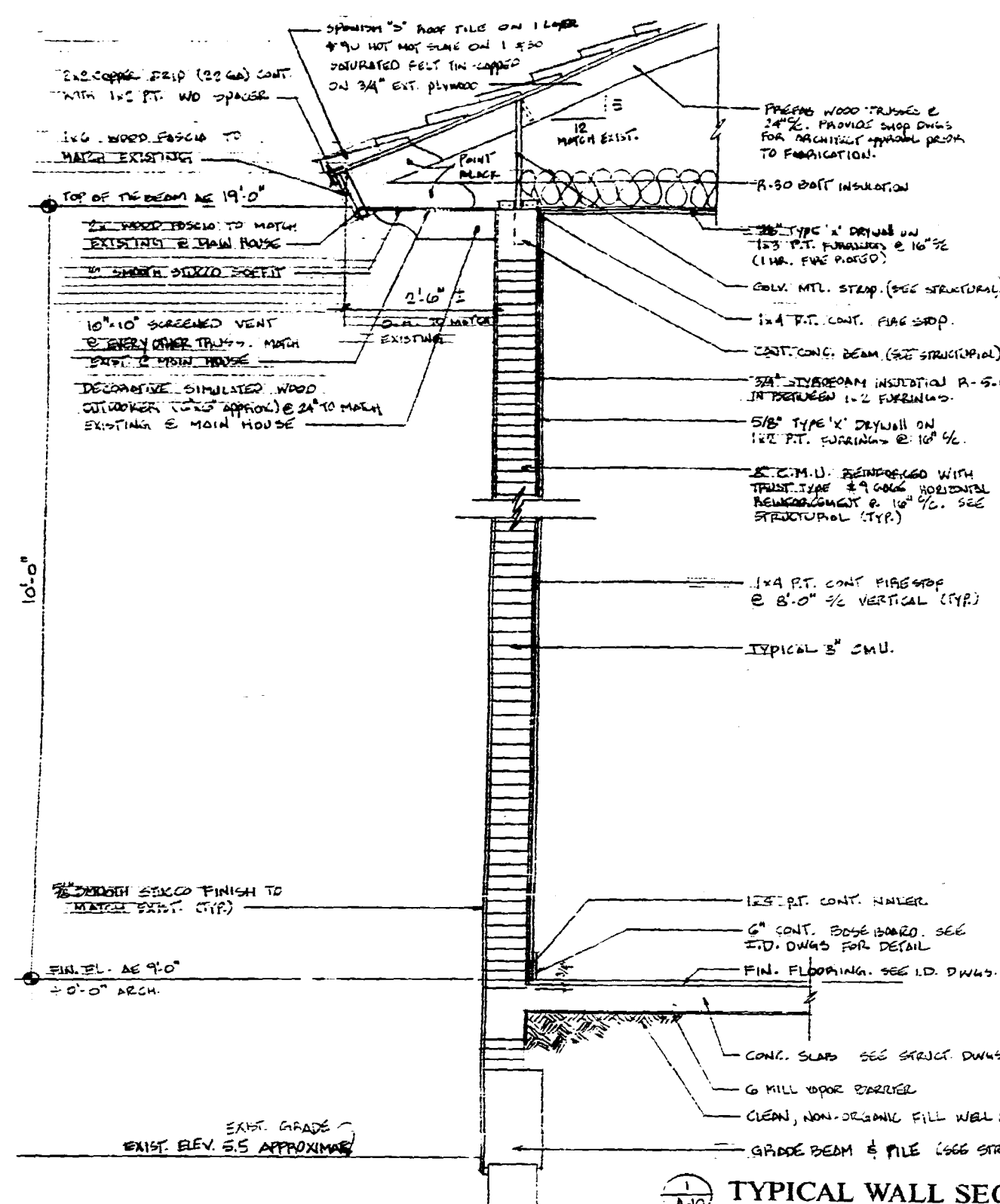
SEP 27 1999

**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS PLANNERS**

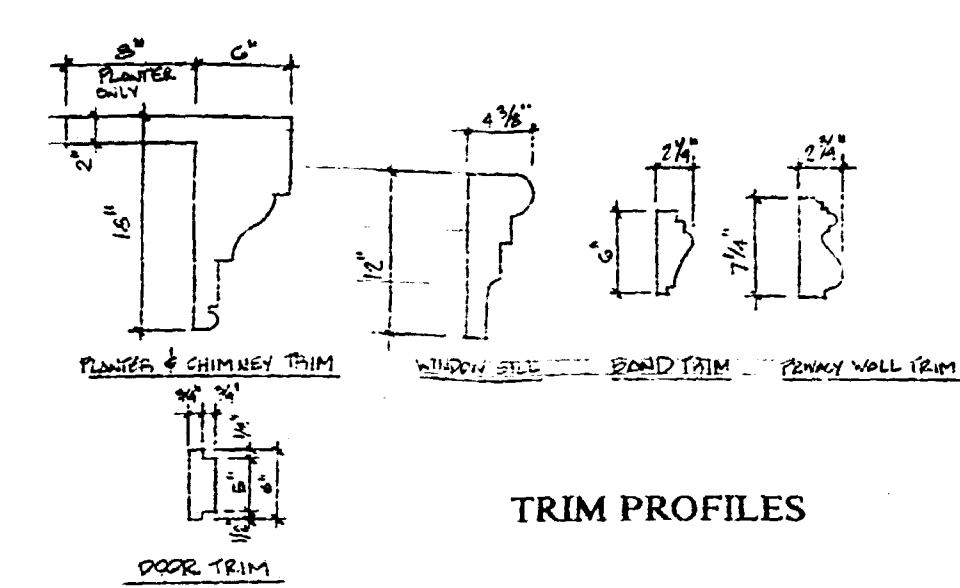
RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVENUE  
FLORIDA

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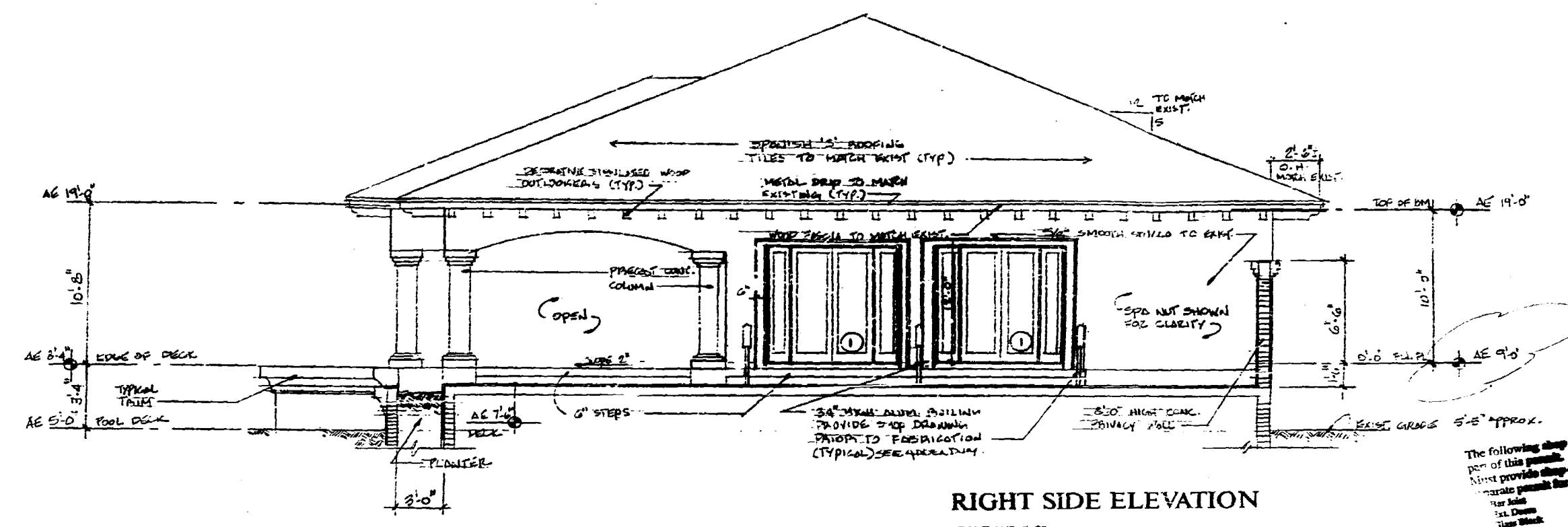
DATE  
SHEET  
A-9  
OF



**TYPICAL WALL SECTION**  
SCALE 3/4"=1'-0"

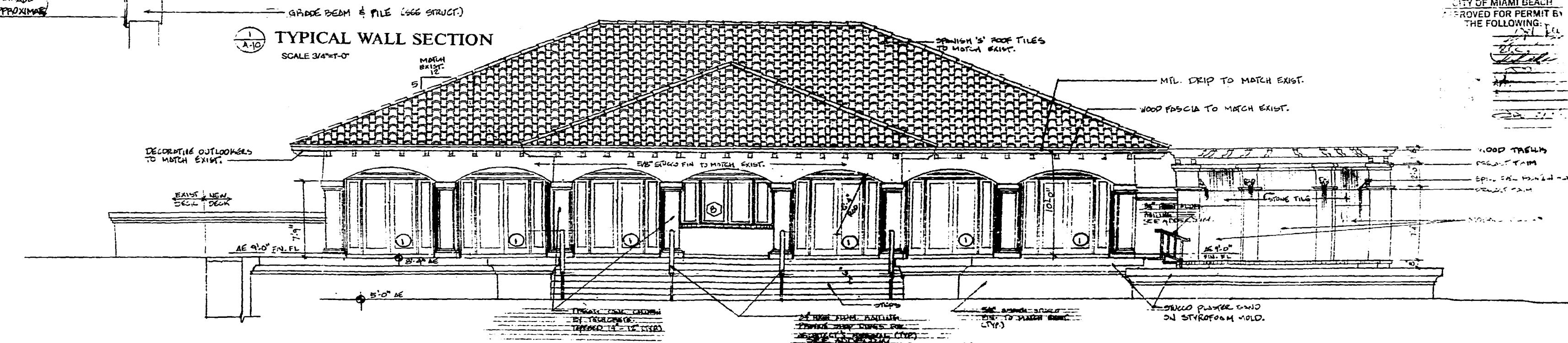


**TRIM PROFILES**



**RIGHT SIDE ELEVATION**  
SCALE 1/4"=1'-0"

"ALL WINDOWS & DOORS TO HAVE 3/8\"/>



**FRONT ELEVATION**  
SCALE 1/4"=1'-0"

The following shop drawings are not part of this permit. Applicant must provide shop drawings under separate permit for:

- Steel Joist
- Steel Deck
- Steel Beam
- Steel Column
- Steel Truss
- Steel Wall
- Steel Floor
- Steel Roof
- Steel Siding
- Steel Trim
- Steel Hardware
- Steel Fasteners
- Steel Welds
- Steel Connections
- Steel Fabrication
- Steel Erection
- Steel Inspection
- Steel Completion

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

*[Signature]*  
DATE: 11/11/11

**ROBERT WADE AND ASSOCIATES, P.A.**  
 PLANNERS  
 ARCHITECTS

RENOVATION FOR  
**DOMINION INDUSTRIAL HOLDINGS**

94 PALM AVENUE  
 MIAMI BEACH, FLORIDA

DATE: 11/11/11  
 SHEET: A-10  
 OF: 10



ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

FLORIDA  
MIAMI BEACH  
94 PALM AVENUE

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS

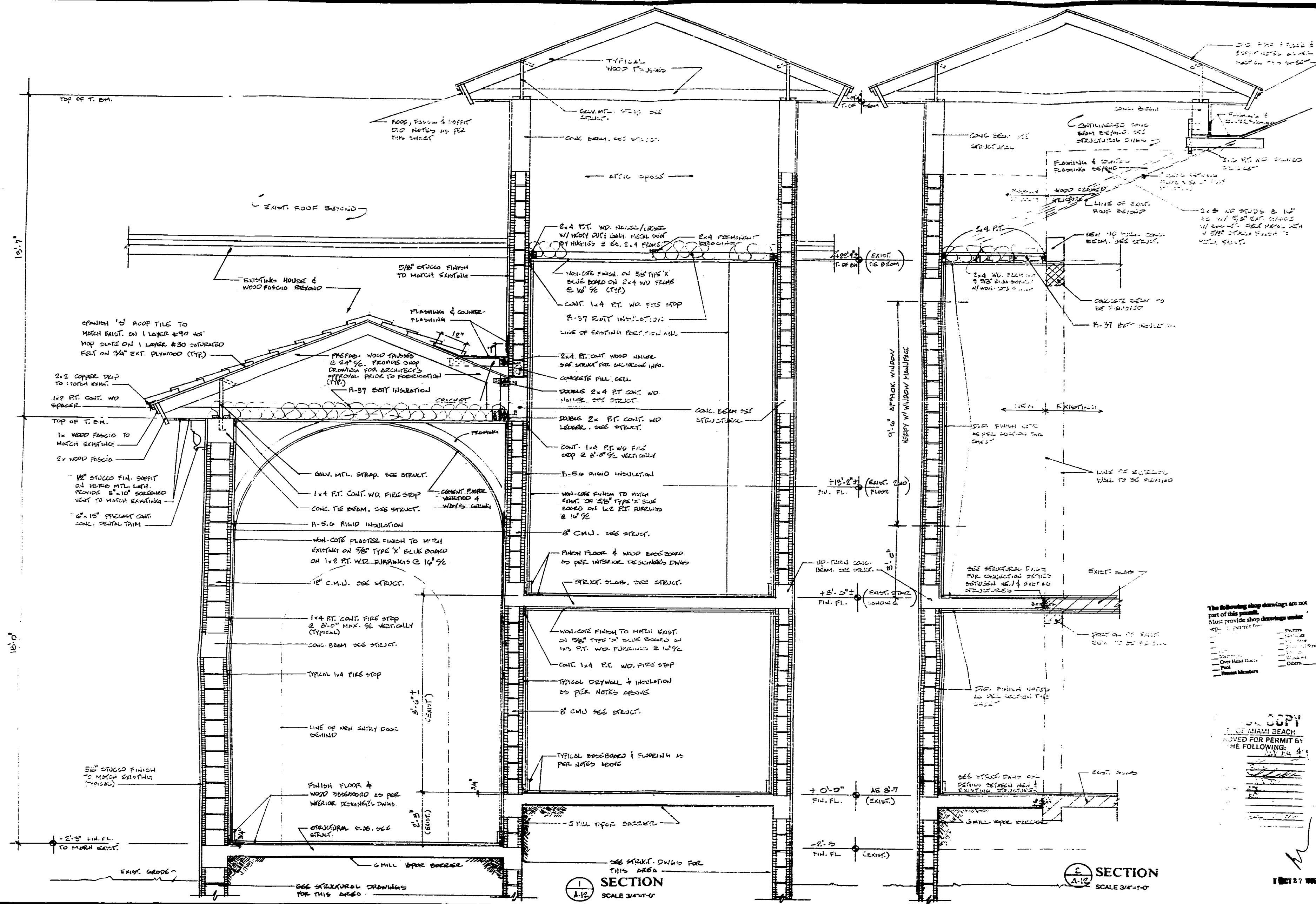
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RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH  
FLORIDA

[illegible]

DATE  
5-7-99  
SHEET  
A-12  
OF





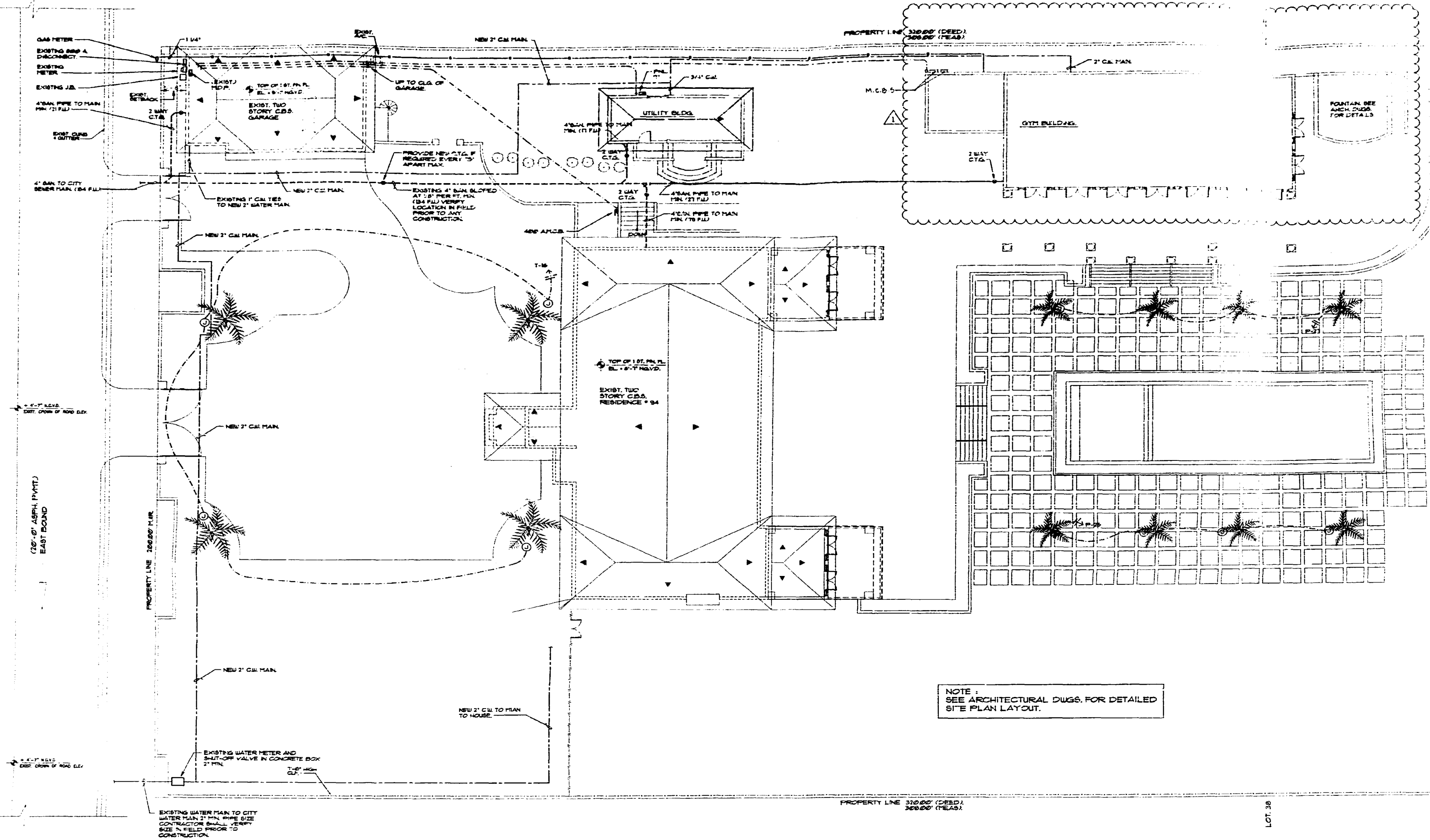




PALM AVENUE  
(35'-0" GRADES MEDIAN)

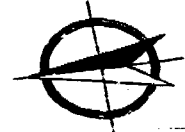
10

DATE: 11/10/99 BY: GUSTAVO SOLANO, P.E.  
SCALE: 1" = 10'



NOTE -  
SEE ARCHITECTURAL DWGS. FOR DETAILED  
SITE PLAN LAYOUT.

SITE PLAN  
SCALE: 1" = 10'



**LEGAL DESCRIPTION:**  
LOTS 34 AND 35 IN BLOCK 1 OF PALM ISLAND, ACCORDING TO THE  
PLAT THEREOF, RECORDED IN PLAT BOOK 6 AT PAGE 34 OF THE PUBLIC  
RECORDS OF DADE COUNTY, FLORIDA.  
ALSO  
A STRIP OF LAND 36 FEET WIDE LYING SOUTHERLY OF AND CONTIGUOUS  
TO THE SOUTHERLY BOUNDARY LINE OF LOTS 34 AND 35 IN BLOCK 1  
OF PALM ISLAND, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT  
BOOK 6 AT PAGE 34 OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA.  
Said 36 FOOT STRIP OF LAND MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
BEGINNING AT THE SOUTHEAST CORNER OF LOT 34, THENCE SOUTHERLY  
ALONG THE SOUTHERLY BOUNDARY LINE OF LOT 34 EXTENDED SOUTHERLY FOR  
A DISTANCE OF 36 FEET, THENCE WESTERLY ALONG A LINE PARALLEL WITH  
THE SOUTHERLY BOUNDARY LINE OF LOTS 34 AND 35 TO A POINT WHERE  
THE WESTERLY BOUNDARY LINE OF LOT 31 EXTENDED SOUTHERLY INTERSECTS  
SAID LINE, THENCE NORTHERLY ALONG SAID SOUTHERLY EXTENDED BOUNDARY  
LINE OF LOT 31 FOR A DISTANCE OF 36 FEET TO THE SOUTHEAST  
CORNER OF LOT 31, THENCE WESTERLY ALONG THE SOUTHERLY BOUNDARY  
LINE OF LOTS 34 AND 35 TO THE POINT OF BEGINNING, TOGETHER WITH  
ALL BETWEEN RIGHTS AND WATER PROVISIONS ADJACENT OF APPURTAINMENT  
THERE TO, LYING AND BEING IN DADE COUNTY, FLORIDA.

GUSTAVO SOLANO, P.E.  
consulting engineer  
fla. registration # : 34923  
4836 s.w. 74th. court, miami, fl. 33155  
tel. (305) 665-6151

BISCAYNE BAY

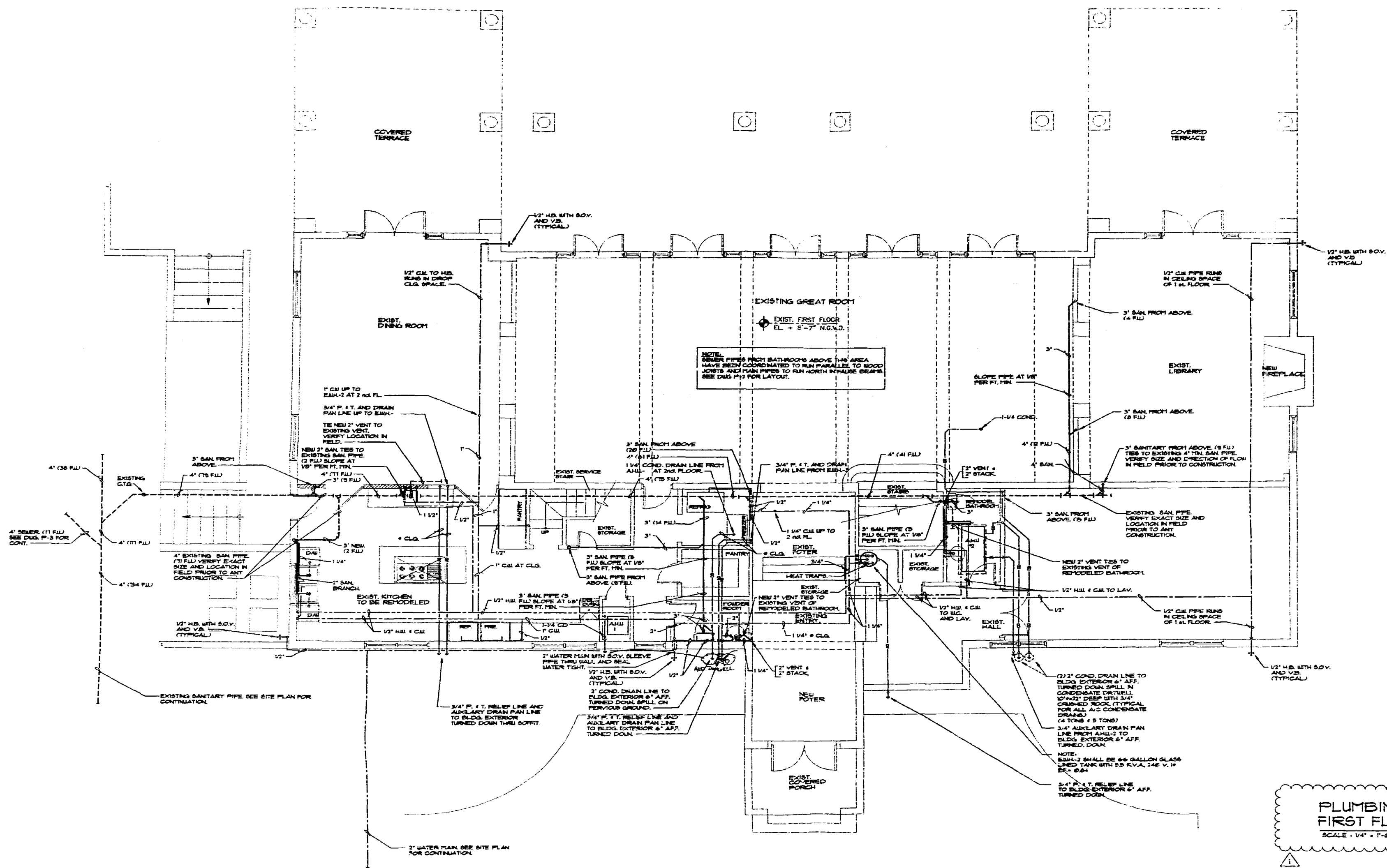
BISCAYNE BAY

ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2832  
AAC000875

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA.

| date     | issued | drawn | checked | project no. |
|----------|--------|-------|---------|-------------|
| 8-10-99  |        | GS    | GS      | 8-99        |
| 11-10-99 |        | GS    | GS      |             |
| 11-10-99 |        | GS    | GS      |             |
| 11-10-99 |        | GS    | GS      |             |

SHEET  
SP-1  
OF 1



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

THIS COPY  
FOR MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

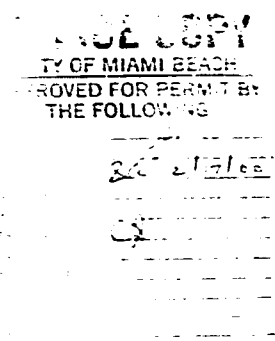
DATE: 9/2/93  
ISSUED: 9/2/93  
DRAWN: GH  
CHECKED: GH  
PROJECT NO. 9-56

GUSTAVO SOLANO, P.E.  
consulting engineer  
file registration # 34923  
4636 n.w. 74th court, miami, fl 33150  
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ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA 33132  
ARC000875


RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA

revisions  
1. 9/2/93  
2. 9/2/93  
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**GUSTAVO SOLANO, P.E.**  
consulting engineer  
fla. registration # : 3 4 9 2 3  
4836 s.w. 74th. court, miami, fl. 33155  
t e l . ( 3 0 5 ) 6 6 5 - 6 1 5 1

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA.

|           |   |
|-----------|---|
| revisions |  GRAL. REV. 05-28-95<br>BATHROOM REV.<br>G.R. / G.H. |
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date 5/10/99  
issued \_\_\_\_\_  
drawn GM  
checked GM  
project no. 5-90

SHEET  
2  
OF 3

CHANGE EXISTING WATER HEATER  
LOCATED IN GARAGE TO LESS THAN 60  
GALLON GLASS LINED TANK 30" DIA. V. - H  
E.P. & S.W. RECONNECT TO  
EXISTING PIPING.

3/4" P. T. RELIEF LINE  
TO B.O.D. EXTERIOR 6" AFF.  
TURNED DOWN.

EXISTING 3/4" C.I. AND  
HALL FLOOR JOINT OF SECOND  
FLOOR.

EXISTING 3" SAN. PIPE  
DOWN. REPLACE  
EXISTING 3" SAN. PIPE  
TO RISE MAIN WITH 4"  
SAN. PIPE MIN. AT  
B.O.D. EXTERIOR.  
CONTRACTOR TO  
VERIFY PIPE SIZE  
PRIOR TO  
CONSTRUCTION.

4" SAN. P.N.  
2 WAY  
C.T.G.

7" C.I. MAIN  
(EXISTING)

3" SAN. (EXIST.)  
EXIST. BATHROOM

EXIST. HALL AT  
GARAGE FLOOR.

EXISTING 1" WATER SERVICE AT  
GARAGE FLOOR.

## SECOND FLOOR PLAN - PLUMBING.

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

TE NEW 3" SANITARY PIPE TO EXISTING 3"  
SAN. PIPE. PLUMBING CONTRACTOR SHALL  
VERIFY SIZE AND INV. ELEVATION OF  
EXISTING SAN. PIPE IN FIELD PRIOR TO  
ANY CONSTRUCTION. SLOPE NEW 3" SAN.  
PIPE AT 1/8" PER FT. MIN. 1/2" F.U.

CAP EXIST. 1/2" HALL  
1 C.I. 5" F.N. FROM  
HALL.

EXIST. 3" SAN. P.N.  
HALL FLOOR JOINT  
SPACE.

EXIST. 3" BRANCH  
FOR B.P.

EXIST. HALL 4" C.I.  
TO EXIST. BATHROOM.

EXIST. HALL 4" C.I.  
TO EXIST. BATHROOM.

1/2" C.I. 4"  
V. HALL

NEW 3" VENT TIE TO EXISTING  
VENT PIPE AT EXIST. BATHROOM.

EXIST. STAIR

3/4" P. T. RELIEF LINE  
TO B.O.D. EXTERIOR 6" AFF.  
TURNED DOWN. SPILL ON  
PERVIOUS GROUND.

1/2" HALL 4" C.I.  
V. HALL

3/4" P. T. RELIEF LINE  
TO B.O.D. EXTERIOR 6" AFF.  
TURNED DOWN. SPILL ON  
PERVIOUS GROUND.

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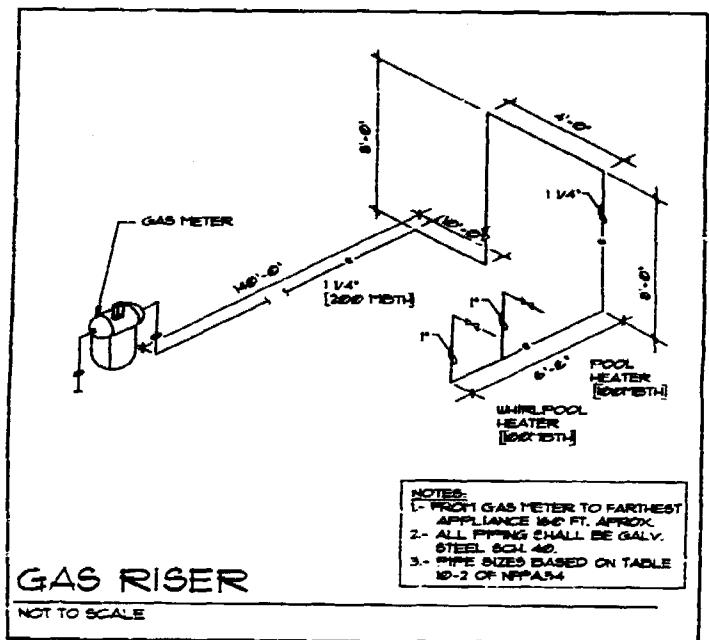
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TURNED DOWN. SPILL ON  
PERVIOUS GROUND.

## PLUMBING FLOOR PLAN

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



| PLUMBING SYMBOLS : |                    |
|--------------------|--------------------|
| SOL. & WASTE       | HOSE BR.           |
| VENT               | DIAL THERMOMETER   |
| COLD WATER         | FLEXIBLE CONNECTOR |
| HOT WATER          | RISE UP            |
| FIRE MAIN          | RISE DOWN          |
| GAS MAIN           | FLOOR CLEANOUT     |
| STORM DRAIN        | C.T.G.             |
| GATE VALVE         | C.O.D.             |
| CHECK VALVE        | V.T.R.             |
| OS & Y VALVE       | C.I.               |
| ROOF DRAIN         | D.F.               |
| PRESSURE RELIEF    | F.U.               |

## PLUMBING GENERAL NOTES :

1. A CLEANOUT SHALL BE PROVIDED AT THE BASE OF EACH SOIL AND WASTE PIPE.
2. MINIMUM PITCH OF ALL HORIZONTAL BRANCHES AND SEWER LINES SHALL BE 1/4" FOR 2" AND SMALLER PIPES AND 1/8" FOR 2 1/2" AND LARGER.
3. COORDINATE THE WORK OF THIS TRADE WITH ALL OTHER TRADES.
4. ALL UNDERGROUND PIPING SHALL BE COPPER TYPE L. ALL OTHER WATER PIPING SHALL BE COPPER TYPE M.
5. IN GENERAL, ALL WORK OF THIS TRADE MUST COMPLY WITH THE SOUTH FLORIDA BUILDING CODE AND ALL OTHER CODES IN EFFECT.
6. VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT / ENGINEER.
7. PROVIDE 1/2" RESEAL LINE FROM WATER SUPPLY TO EACH FLOOR DRAIN.
8. PROVIDE SAFEWASTE FOR AIR CONDITIONING UNIT CONDENSATE WITH TRAP.
9. PROVIDE AIR CHAMBERS FOR ALL WATER SUPPLIES FEEDING FIXTURES.
10. PROVIDE PIPE RELIEF VENT LINE FROM P.T. RELIEF VALVE AND PAN DRAINS TO BUILDING EXTERIOR 6" ABOVE GRADE. TURNED DOWN. (EACH SEPARATELY).
11. ALL HOSE BIBS SHALL HAVE VACUUM BREAKERS AND SHUT OFF VALVE.
12. INSTALL ALL FLOOR DRAINS PER SEC. 4613-12, OF THE SOUTH FLORIDA BUILDING CODE.
13. ALL OUTSIDE CLEANOUTS SHALL BE BROUGHT TO GRADE WITH COVER.
14. PROVIDE CLEANOUTS EVERY 10' INSIDE BUILDINGS.
15. PROVIDE INDIVIDUAL SHUT OFF VALVES ON WATER PIPING TO EACH GROUP OF FIXTURES.
16. ALL SOL. WASTE, VENT, AND RAIN WATER PIPING SHALL BE PVC SCHED. 40.

## DANCE HALL

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

ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA.  
(305) 371-2832  
ALC000875

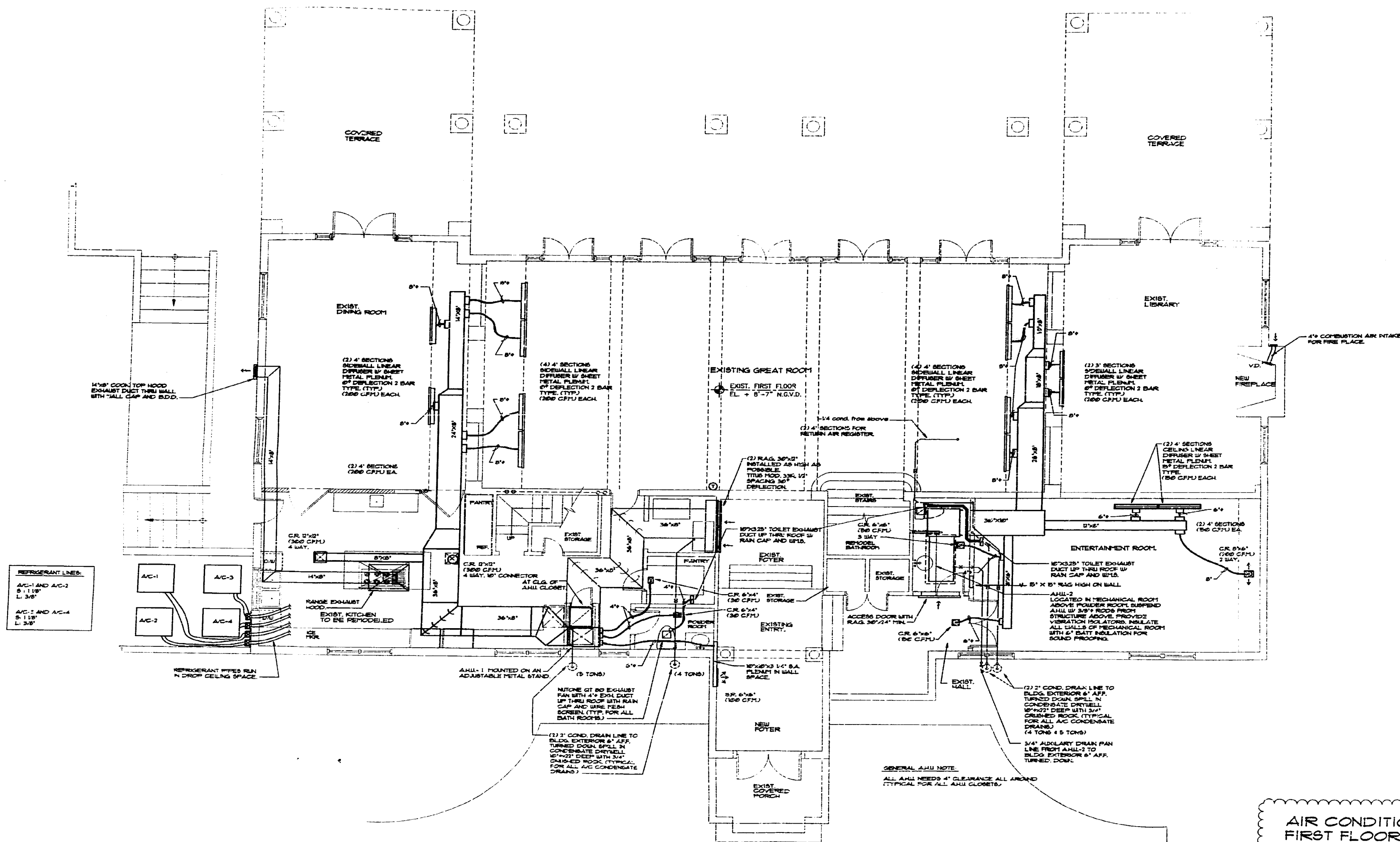
RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA.

| REV. | DATE    | BY | CHKD. |
|------|---------|----|-------|
| 1    | 5/10/95 | AS | AS    |
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| 9    |         |    |       |
| 10   |         |    |       |

SHEET  
P-3  
OF 3

GUSTAVO SOLANO, P.E.  
Consulting Engineer  
Fla. registration # 34923  
4836 S.W. 74th Court, Miami, FL 33155  
Tel. (305) 666-6151

September 22, 1998 09:00 AM  
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ALL LINEAL DIFFUSERS SHALL BE TITUS MODEL ML-38 2 SLOTS, BORDER TYPE 2A.  
 ALL OTHER DIFFUSERS SHALL BE TITUS ADJUSTABLE MULTI-USE 1,2,3,OR 4 WAY  
 DISCHARGE PATTERN MODEL 250-AA WHITE FINISH (#26)

AIR CONDITIONING  
 FIRST FLOOR PLAN  
 SCALE: 1/4" = 1'-0"

GUSTAVO SOLANO, P.E.  
 consulting engineer  
 fla. registration # : 34923  
 4836 sw 74th court, miami, fl. 33155  
 tel. (305) 665-6151

ROBERT WADE AND ASSOCIATES, P.A.  
 ARCHITECTS  
 520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
 MIAMI, FLORIDA 33132  
 AAC000875

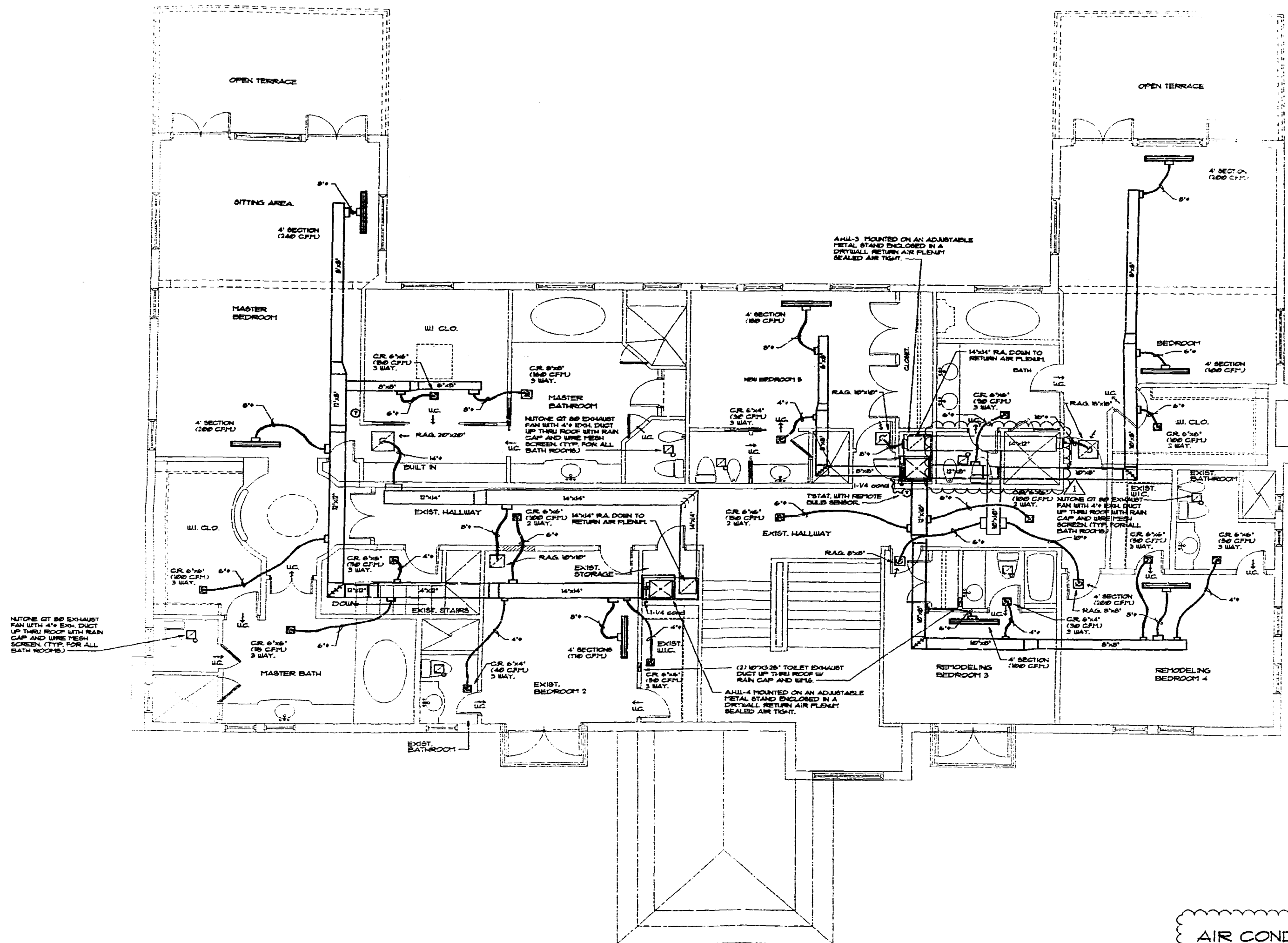
RENOVATION FOR  
 DOMINION INDUSTRIAL HOLDINGS  
 MIAMI BEACH, FLORIDA.

| REVISIONS   |
|-------------|
| 1. 09/22/98 |

|             |         |
|-------------|---------|
| date        | 5/10/99 |
| issued      | G.H.    |
| drawn       | G.S.    |
| checked     | G.S.    |
| project no. | 8-36    |

SHEET  
 A/C-1  
 OF 4





ALL LINEAL DIFFUSERS SHALL BE TITUS MODEL ML-38 2 SLOTS, BORDER TYPE 2A.  
 ALL OTHER DIFFUSERS SHALL BE TITUS ADJUSTABLE MULTI-USE 123, OR 4 WAY  
 DISCHARGE PATTERN MODEL 250-AA WHITE FINISH (#26)

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

NOTED: SEE PLAN FOR  
 LOCATION OF MERV 10  
 FILTERS FOR EACH OF THE FOLLOWING:

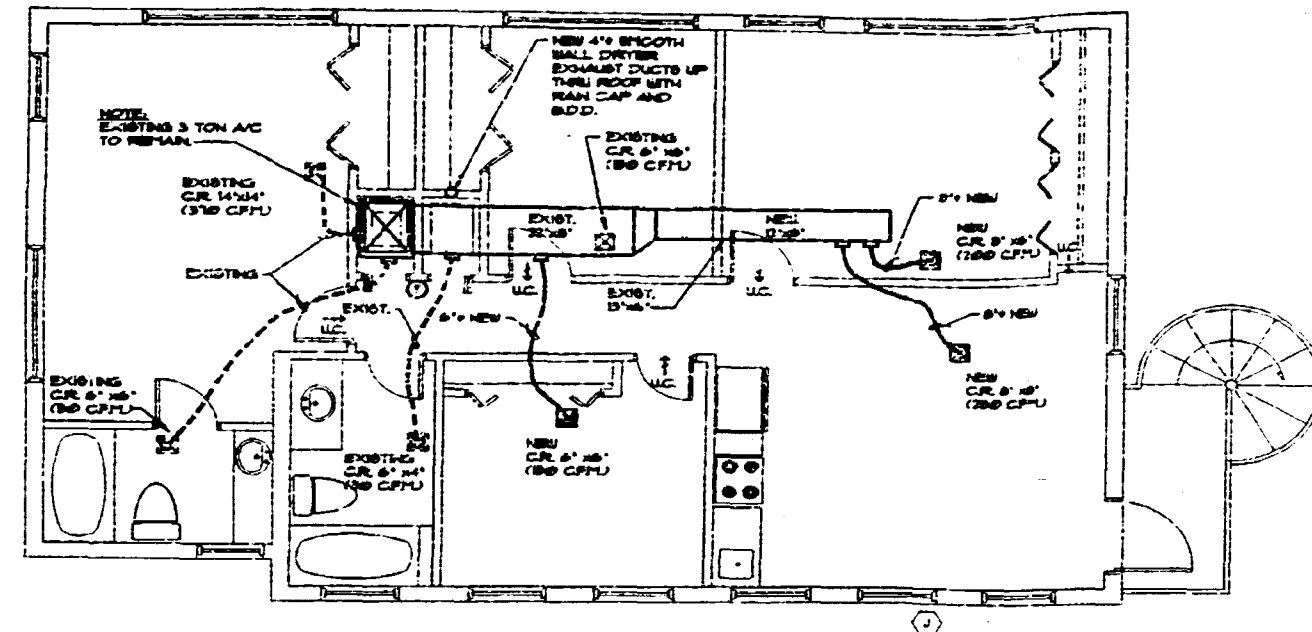
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SHEET  
**A/C-2**  
 OF 4

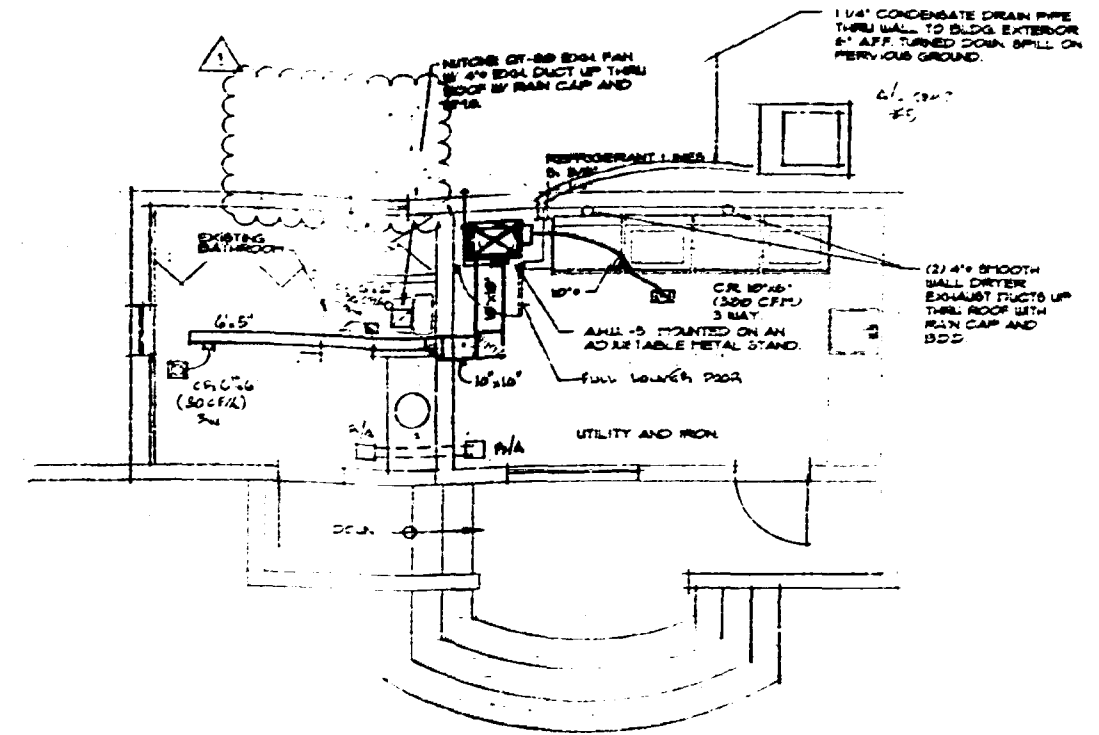
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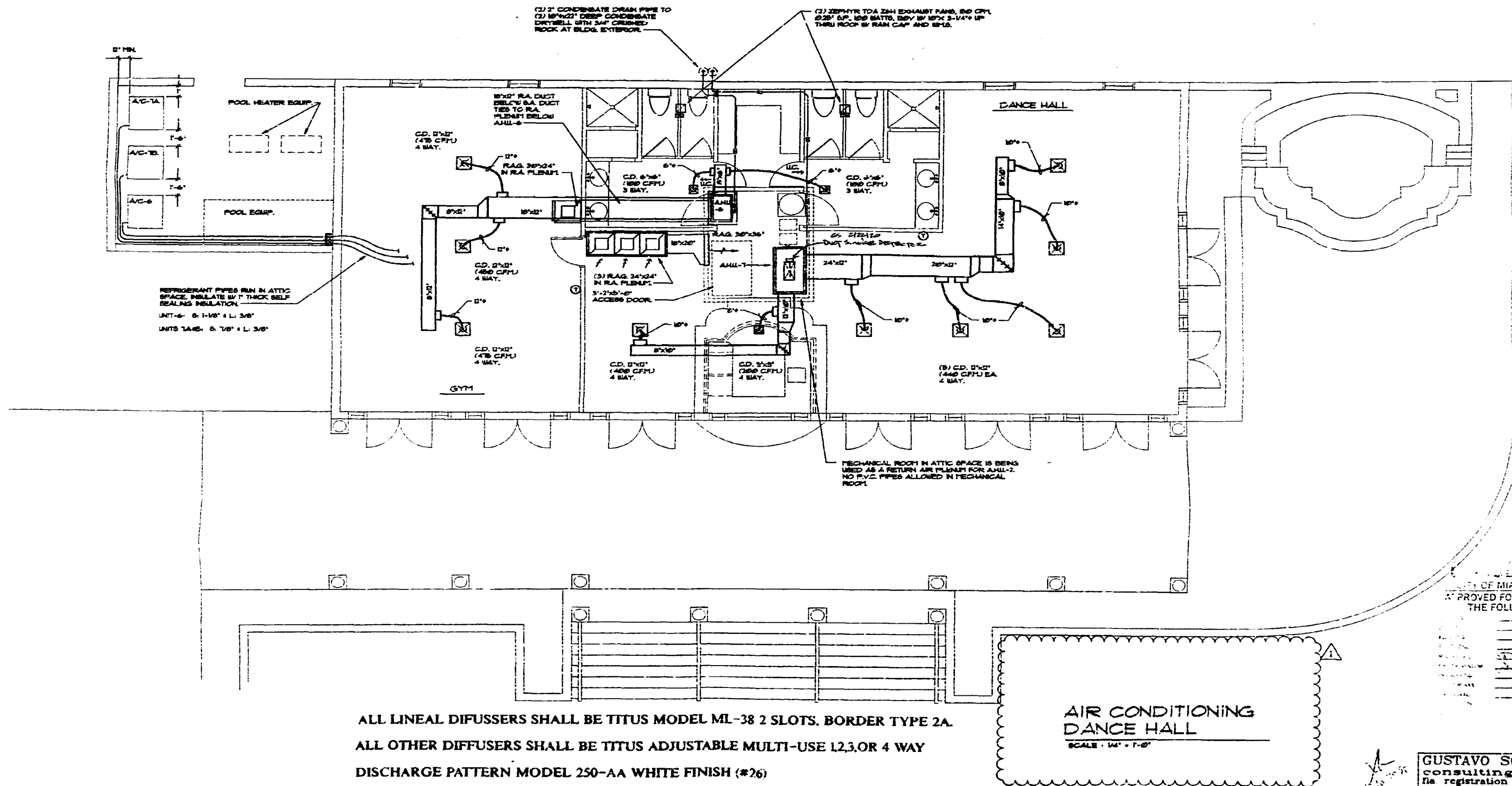
RENOVATION FOR  
**DOMINION INDUSTRIAL HOLDINGS**  
 MIAMI BEACH, FLORIDA



ABOVE GARAGE  
SECOND FLOOR PLAN - AIR CONDITIONING  
SCALE: 1/4" = 1'-0"



AIR CONDITIONING  
FLOOR PLAN  
SCALE: 1/4" = 1'-0"



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AIR CONDITIONING  
DANCE HALL  
SCALE: 1/4" = 1'-0"

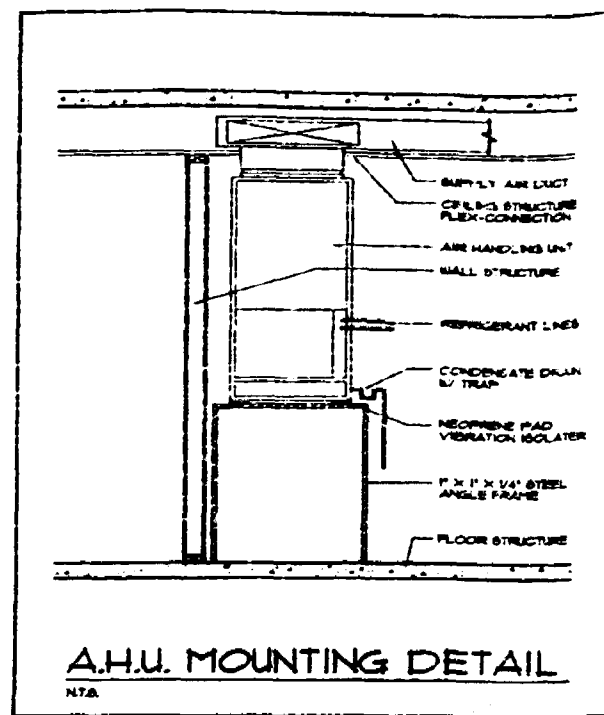
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CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

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RENOVATION FOR  
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MIAMI BEACH, FLORIDA

date 8-10-99  
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project no. 8-99  
SHEET  
A/C-3  
OF 4

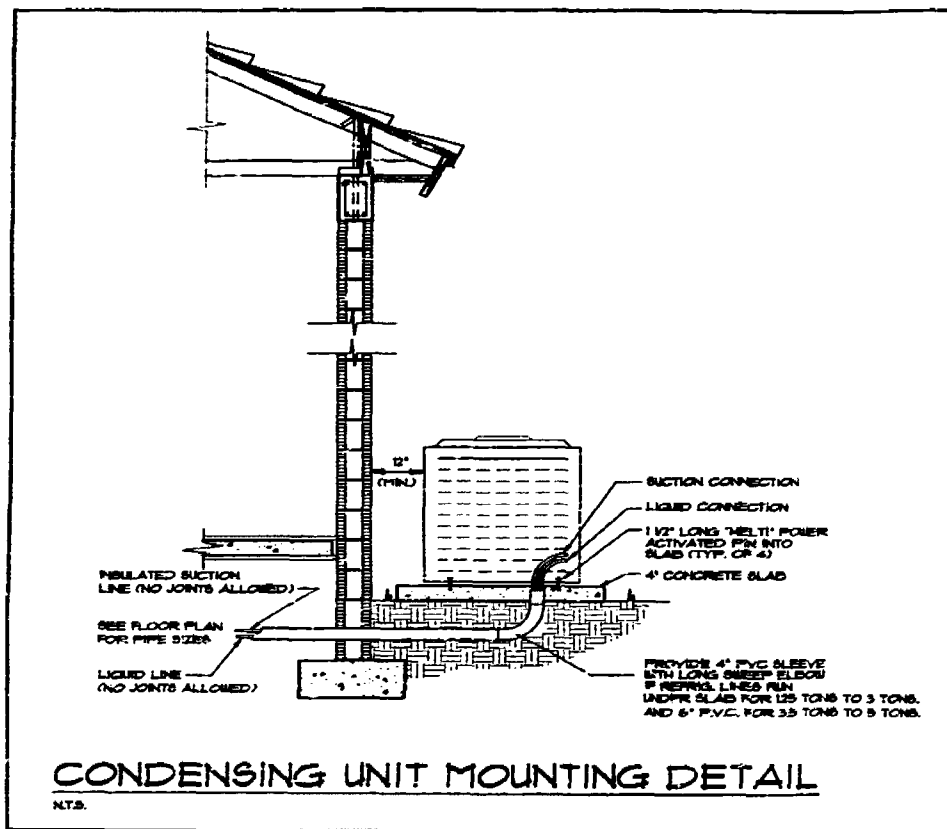
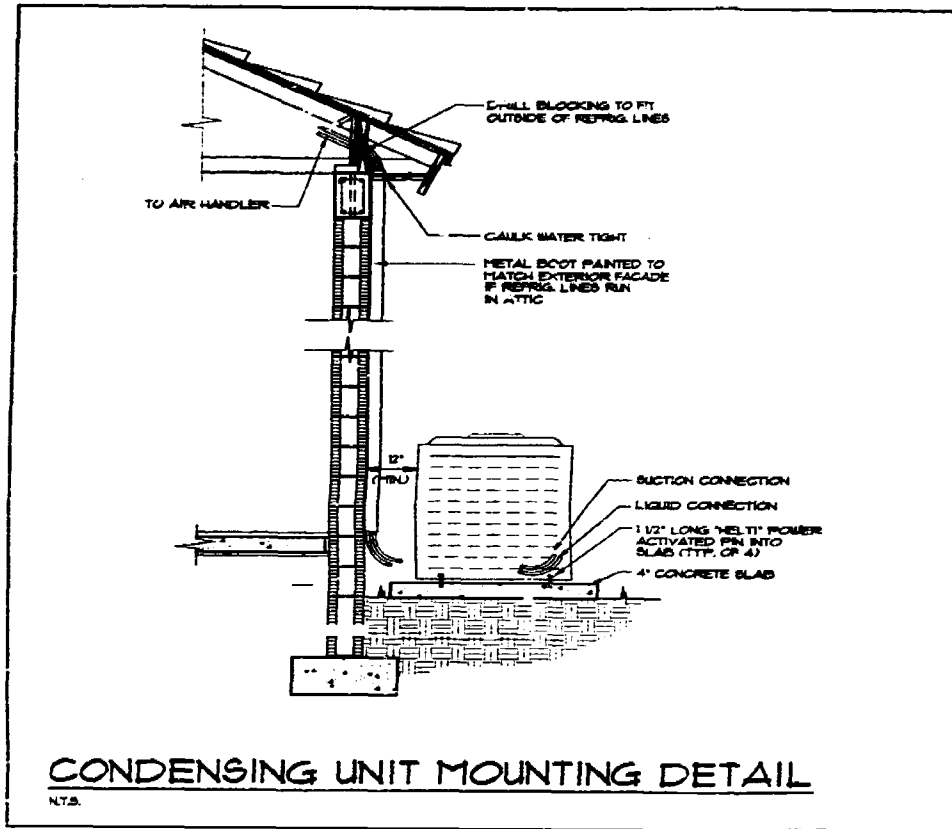


**H.V.A.C. LEGEND :**

|    |                                    |      |                            |
|----|------------------------------------|------|----------------------------|
| TO | TRANSFER ORILE                     | ADCU | AIR-COOLED CONDENSING UNIT |
| DO | DOOR ORILE                         | TD   | THROAT DETECTOR (D.C. W.D) |
| CS | CEILING SUPPLY DIFFUSER            | DS   | DUCT SMOKE DETECTOR        |
| CR | CEILING RETURN REGISTER            | OA   | OUTSIDE AIR                |
| RA | RETURN AIR REGISTER                | SA   | SUPPLY AIR                 |
| CA | CEILING AIR REGISTER               | DA   | DUCT AIR                   |
| EC | EXHAUST AIR ORILE                  | DA   | DUCT AIR                   |
| TC | THERMOSTAT                         | DA   | DUCT AIR                   |
| TR | THERMOSTAT W/ REMOTE SENSING       | DA   | DUCT AIR                   |
| FD | FIRE DAMPER W/ ACCESS DOOR         | DA   | DUCT AIR                   |
| OD | OPPOSED BLADE MANUAL VOLUME DAMPER | DA   | DUCT AIR                   |
| VO | VOLUME DAMPER                      | DA   | DUCT AIR                   |
| SD | SPLITTER DAMPER                    | DA   | DUCT AIR                   |
| UC | UNDER-CUT (DOOR)                   | DA   | DUCT AIR                   |
| AW | AIR HANDLING UNIT                  | DA   | DUCT AIR                   |

- H.V.A.C. GENERAL NOTES :**
- USE VANE ELBOWS IN ALL CASES. SPLITTER DAMPERS WHERE INDICATED IN DRAWINGS AND CONTROLS IN ALL BRANCH DUCTS.
  - PROVIDE FIRE DAMPERS IN ALL DUCTS PENETRATING CEILING AND EXCEEDING 100 IN. SO. IN 100 FT. SO. IN ALL DUCTS PENETRATING FLOOR AND PARTITIONS AND FLOOR OR ROOF SLABS AND AT FRESH AIR INTAKE (SEE PLANS). ALL FIRE DAMPERS SHALL BE RATED FOR USE IN CEILING ASSEMBLY SPECIFIED BY ARCHITECT.
  - ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
  - SEAL ALL DUCTS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
  - COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES, AND REGISTERS IN THE FIELD, WITH ELECTRICIAN, LIGHTS, AND ARCHITECTURAL ELEMENTS.
  - THIS CONTRACTOR SHALL COORDINATE ALL DUCT LOCATIONS WITH ALL TRADES SO THAT NO INTERFERENCES OCCUR.
  - THERMOSTAT LOCATIONS SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION.
  - COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES THIS IS CONTRACTORS RESPONSIBILITY.
  - TERMINAL AIR DISTRIBUTION DEVICES SHALL BE TITUS AS FOLLOWS (C.R.) CEILING REGISTER 200A SERIES WITH VOLUME CONTROL DAMPER OPERABLE THRU FACE OF DIFFUSER.
  - (R.A.R.) RETURN AIR GRILL MODEL 4-FL OR TAE.
  - ALL SUPPLY AND RETURN DUCTWORK SHALL BE OAKEN CORNING FIBERGLASS (1.5\"/>

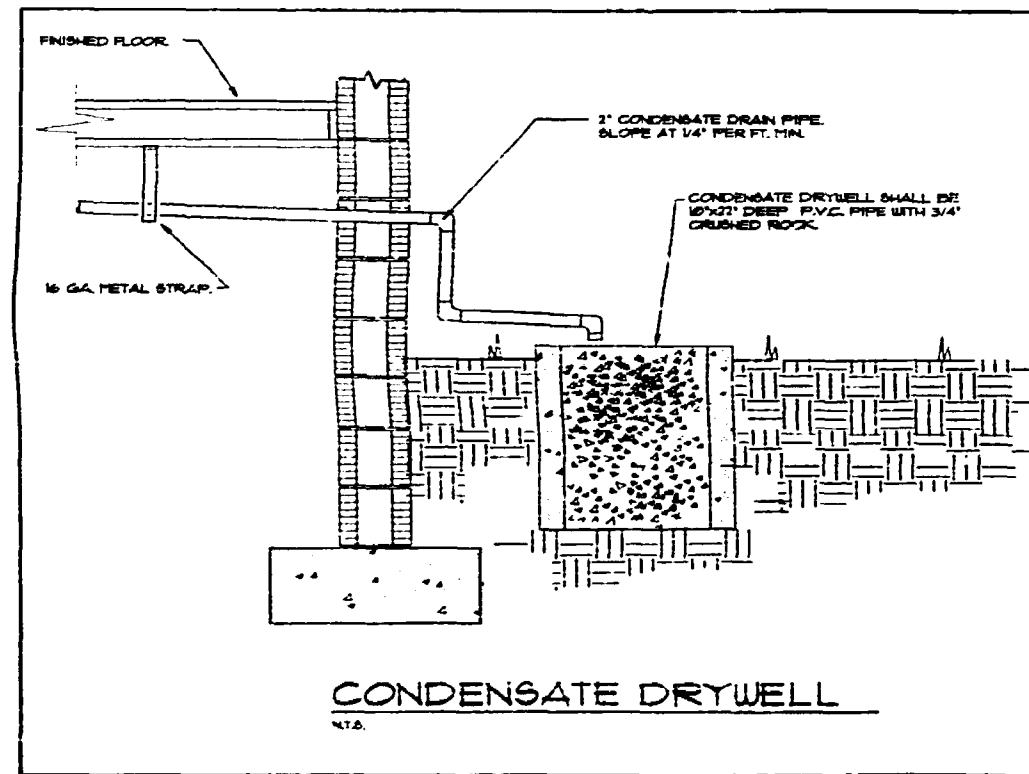
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**ARCHITECTS**  
 520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
 MIAMI, FLORIDA  
 (305) 371-2832  
 AAC000875



TRAISE  
AS  
P.T.O.

# AIR CONDITIONING SYSTEMS SCHEDULE

| AIR HANDLING UNIT |             |               |      |        |                  |       |   |            |                   | AIR COOLED COND. UNIT |          |          |                 | SYSTEM |       |      |  |
|-------------------|-------------|---------------|------|--------|------------------|-------|---|------------|-------------------|-----------------------|----------|----------|-----------------|--------|-------|------|--|
| UNIT NO.          | C.F.M. O.A. | E.S.P. IN H2O | H.P. | F.L.A. | ELECTRIC HEATING |       | MODEL   | COMPRESSOR | TOTAL UNIT F.L.A. | MAX FUSE SIZE         | MOD. NO. | WT. LBS. | CAPACITY (METH) |        | ELEC. | SEER |  |
|                   |             |               |      |        | KW               | STAGE |   |            |                   |                       |          |          | TOT.            | SEN    |       |      |  |
| 1                 | 1000        | 0.5           | 1.0  | 1.0    | 0.6              | 1     | 1000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>0000<br>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|            |                   |                       |          |          |                 |        |       |      |  |



ALL LINEAL DIFFUSERS SHALL BE TITUS MODEL ML-38 2 SLOTS, BORDER TYPE 2A.  
 ALL OTHER DIFFUSERS SHALL BE TITUS ADJUSTABLE MULTI-USE 1.23 OR 4 WAY  
 DISCHARGE PATTERN MODEL 250-AA WHITE FINISH (#26)

**GUSTAVO SOLANO, P.E.**  
 consulting engineer  
 fla. registration # 34923  
 4806 S.W. 74th COURT, MIAMI, FL 33155  
 tel. (305) 665-6151

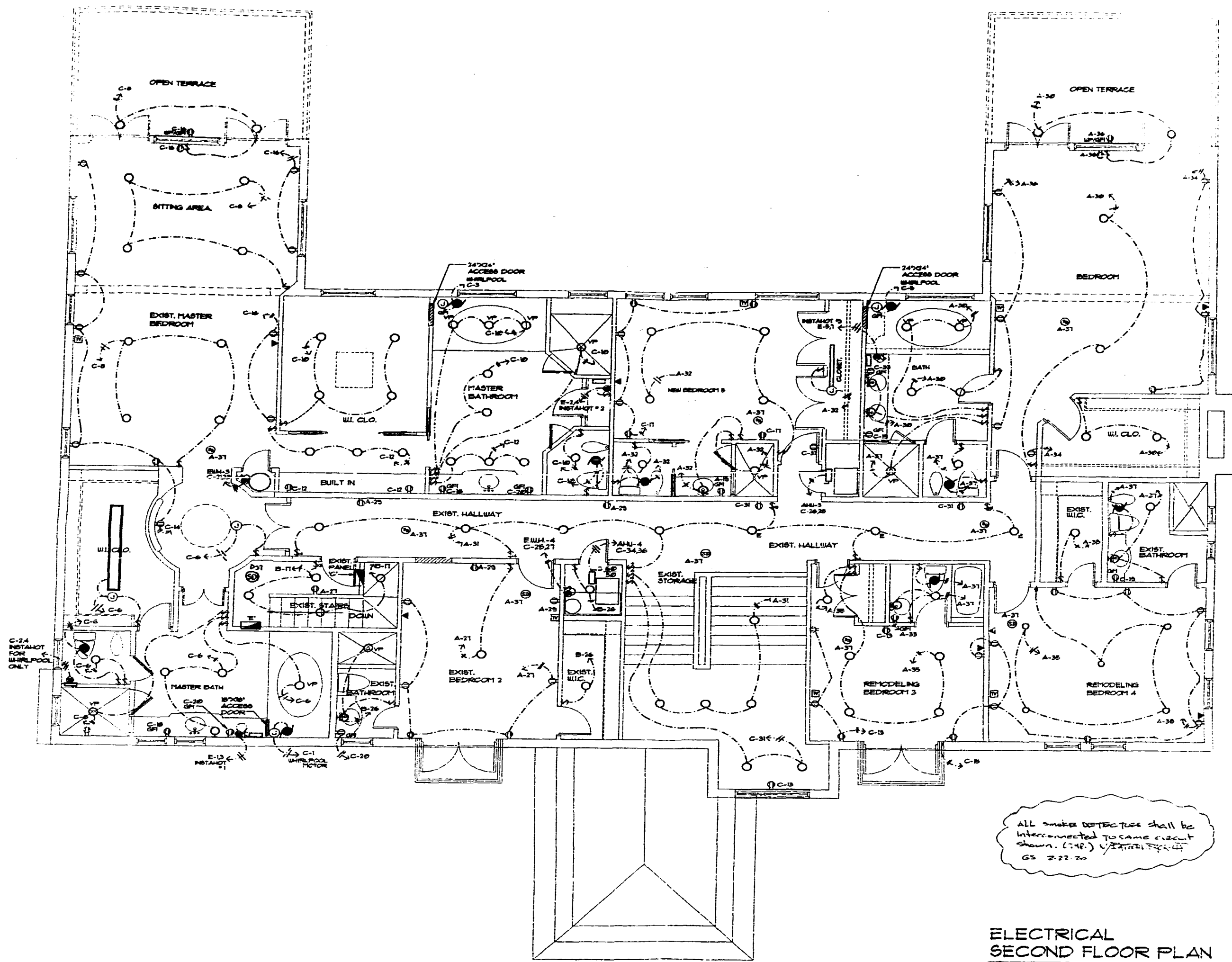
**RENOVATION FOR**  
**DOMINION INDUSTRIAL HOLDINGS**  
**MIAMI BEACH, FLORIDA.**

REVISIONS  
 1. DANCE HALL REV. 3/29/93 GS

date 5-10-99  
 issued  
 drawn GH  
 checked GS  
 project no. 9-99

SHEET  
**A/C-4**  
 OF 4





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

**GUSTAVO SOLANO, P.E.**  
consulting engineer  
fla. registration # 34923  
4836 s.w. 74th court, miami, fl. 33155  
tel (305) 665-8151

**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS**  
**PLANNERS**  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2832  
AAC000875

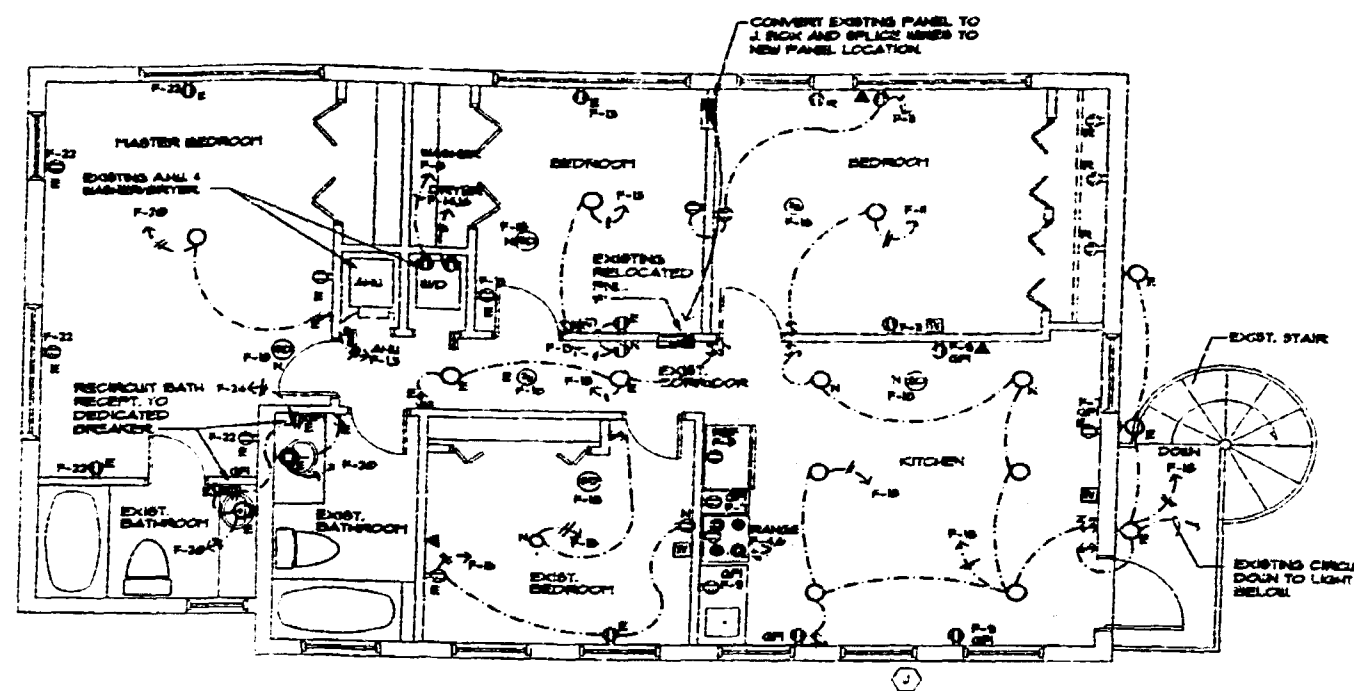
**RENOVATION FOR**  
**DOMINION INDUSTRIAL HOLDINGS**  
**MIAMI BEACH, FLORIDA.**

| REVISIONS | DATE     | BY | DESCRIPTION       |
|-----------|----------|----|-------------------|
| 1         | 08/12/98 | AS | ISSUED FOR PERMIT |

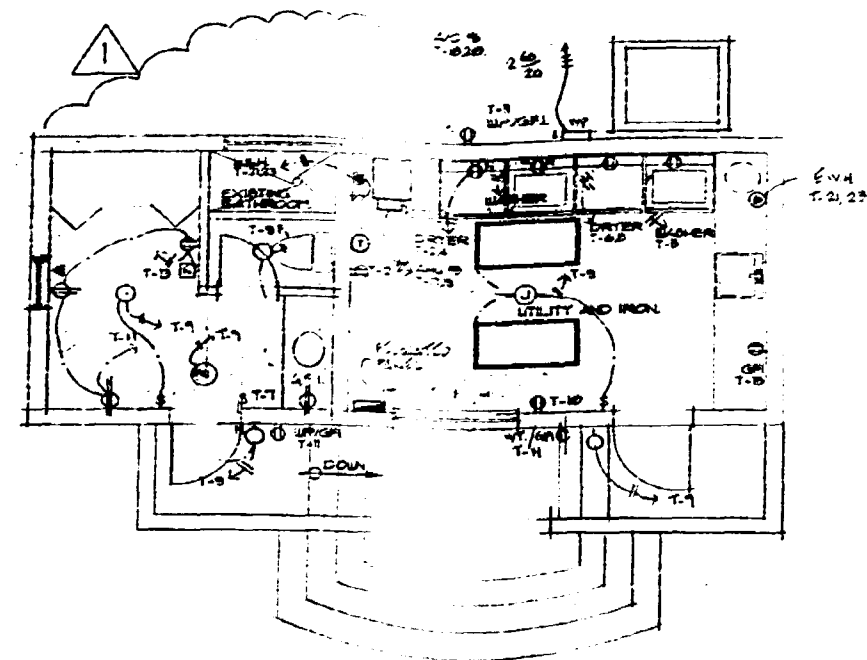
|             |          |
|-------------|----------|
| date        | 08/12/98 |
| issued      | AS       |
| drawn       | AS       |
| checked     | AS       |
| project no. | 1-98     |

**SHEET**  
**E-2**  
**OF 5**

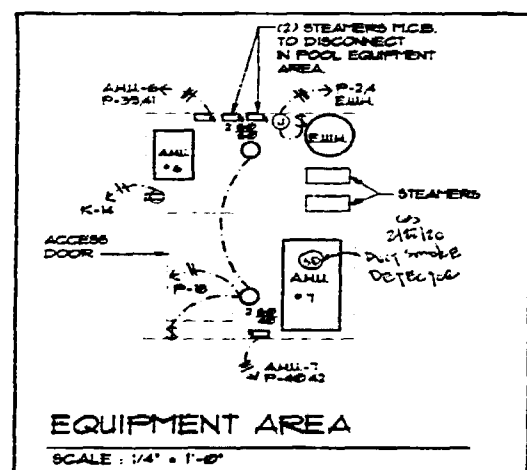
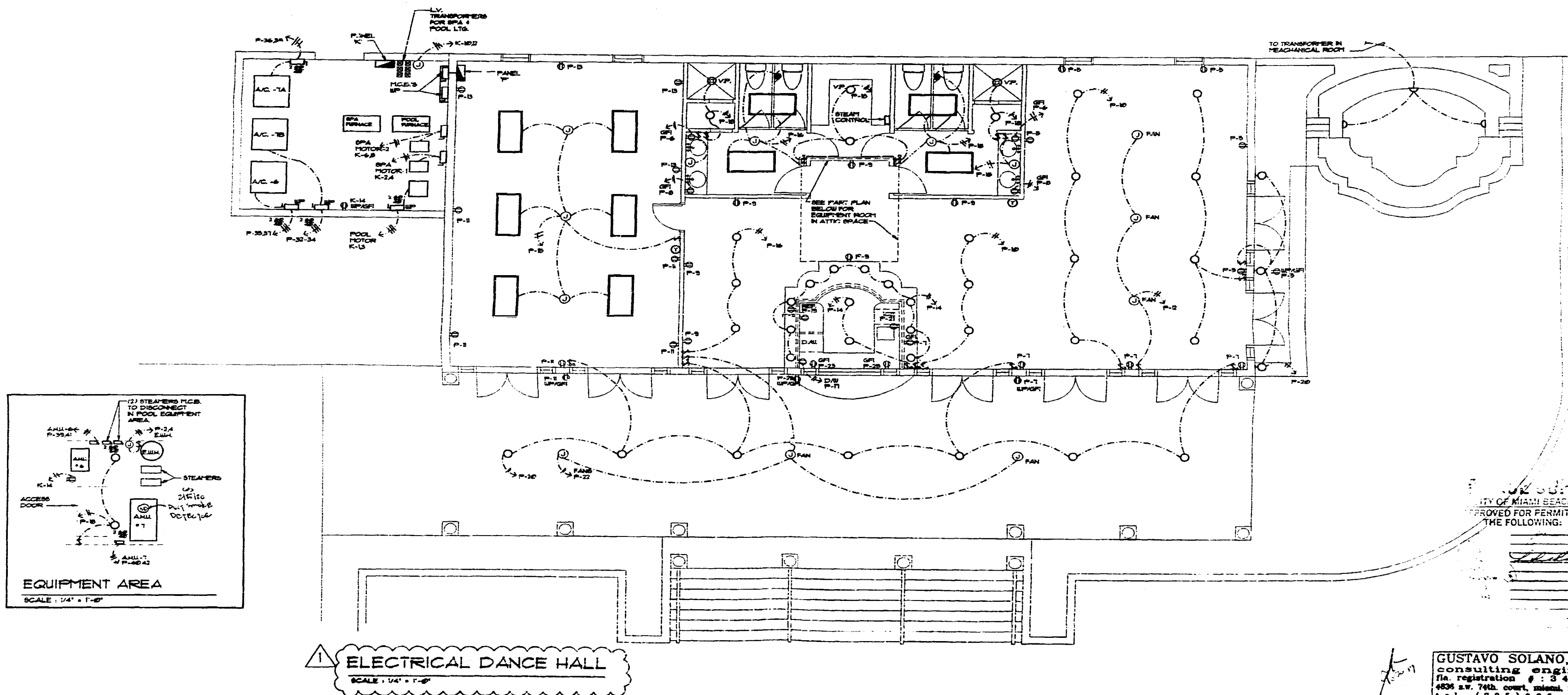




SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0"



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



ELECTRICAL DANCE HALL  
SCALE: 1/4" = 1'-0"

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

GUSTAVO SOLANO, P.E.  
consulting engineer  
fla. registration # 34923  
4834 S.W. 74th. COURT, MIAMI, FL 33156  
tel. (305) 865-6151

ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS  
630 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2432  
AAC000875

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA.

| date        | BY   | REVISIONS                    |
|-------------|------|------------------------------|
| issued      | AS   | 1. REV. DANCE HALL, ELEV. 10 |
| drawn       | AS   |                              |
| checked     | GA   |                              |
| project no. | B-36 |                              |

SHEET  
E-3  
OF 5

NOT TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT

TYPE: ITB-80  
SERVICE: 240V-1P-1N-3W  
MOUNTING: SURFACE  
POLES: 24

**PANEL 'P'**

MAIN BUS: 200 A  
NEUTRAL: FULL  
GND: 100 A  
A.I.C.: 10 K

| DEM. NO. | DEM. KVA | TRIP | CON. | WIRE | REMARKS | QTY | QTY | REMARKS | WIRE | CON. | TRIP | NO. | DEM. | DEM. |
|----------|----------|------|------|------|---------|-----|-----|---------|------|------|------|-----|------|------|
| KVA      | KVA      | POLE | OUT  |      |         | NO. | NO. |         |      | OUT  | POLE | KVA | KVA  | KVA  |
| 1        | 1.0      | 20-1 | 1    | 1    | 1.0     | 1   | 1   | 1.0     | 1    | 1    | 20-1 | 1   | 1.0  | 1.0  |
| 2        | 1.0      | 20-1 | 1    | 1    | 1.0     | 2   | 2   | 1.0     | 2    | 2    | 20-1 | 2   | 1.0  | 1.0  |
| 3        | 1.0      | 20-1 | 1    | 1    | 1.0     | 3   | 3   | 1.0     | 3    | 3    | 20-1 | 3   | 1.0  | 1.0  |
| 4        | 1.0      | 20-1 | 1    | 1    | 1.0     | 4   | 4   | 1.0     | 4    | 4    | 20-1 | 4   | 1.0  | 1.0  |
| 5        | 1.0      | 20-1 | 1    | 1    | 1.0     | 5   | 5   | 1.0     | 5    | 5    | 20-1 | 5   | 1.0  | 1.0  |
| 6        | 1.0      | 20-1 | 1    | 1    | 1.0     | 6   | 6   | 1.0     | 6    | 6    | 20-1 | 6   | 1.0  | 1.0  |
| 7        | 1.0      | 20-1 | 1    | 1    | 1.0     | 7   | 7   | 1.0     | 7    | 7    | 20-1 | 7   | 1.0  | 1.0  |
| 8        | 1.0      | 20-1 | 1    | 1    | 1.0     | 8   | 8   | 1.0     | 8    | 8    | 20-1 | 8   | 1.0  | 1.0  |
| 9        | 1.0      | 20-1 | 1    | 1    | 1.0     | 9   | 9   | 1.0     | 9    | 9    | 20-1 | 9   | 1.0  | 1.0  |
| 10       | 1.0      | 20-1 | 1    | 1    | 1.0     | 10  | 10  | 1.0     | 10   | 10   | 20-1 | 10  | 1.0  | 1.0  |
| 11       | 1.0      | 20-1 | 1    | 1    | 1.0     | 11  | 11  | 1.0     | 11   | 11   | 20-1 | 11  | 1.0  | 1.0  |
| 12       | 1.0      | 20-1 | 1    | 1    | 1.0     | 12  | 12  | 1.0     | 12   | 12   | 20-1 | 12  | 1.0  | 1.0  |
| 13       | 1.0      | 20-1 | 1    | 1    | 1.0     | 13  | 13  | 1.0     | 13   | 13   | 20-1 | 13  | 1.0  | 1.0  |
| 14       | 1.0      | 20-1 | 1    | 1    | 1.0     | 14  | 14  | 1.0     | 14   | 14   | 20-1 | 14  | 1.0  | 1.0  |
| 15       | 1.0      | 20-1 | 1    | 1    | 1.0     | 15  | 15  | 1.0     | 15   | 15   | 20-1 | 15  | 1.0  | 1.0  |
| 16       | 1.0      | 20-1 | 1    | 1    | 1.0     | 16  | 16  | 1.0     | 16   | 16   | 20-1 | 16  | 1.0  | 1.0  |
| 17       | 1.0      | 20-1 | 1    | 1    | 1.0     | 17  | 17  | 1.0     | 17   | 17   | 20-1 | 17  | 1.0  | 1.0  |
| 18       | 1.0      | 20-1 | 1    | 1    | 1.0     | 18  | 18  | 1.0     | 18   | 18   | 20-1 | 18  | 1.0  | 1.0  |
| 19       | 1.0      | 20-1 | 1    | 1    | 1.0     | 19  | 19  | 1.0     | 19   | 19   | 20-1 | 19  | 1.0  | 1.0  |
| 20       | 1.0      | 20-1 | 1    | 1    | 1.0     | 20  | 20  | 1.0     | 20   | 20   | 20-1 | 20  | 1.0  | 1.0  |
| 21       | 1.0      | 20-1 | 1    | 1    | 1.0     | 21  | 21  | 1.0     | 21   | 21   | 20-1 | 21  | 1.0  | 1.0  |
| 22       | 1.0      | 20-1 | 1    | 1    | 1.0     | 22  | 22  | 1.0     | 22   | 22   | 20-1 | 22  | 1.0  | 1.0  |
| 23       | 1.0      | 20-1 | 1    | 1    | 1.0     | 23  | 23  | 1.0     | 23   | 23   | 20-1 | 23  | 1.0  | 1.0  |
| 24       | 1.0      | 20-1 | 1    | 1    | 1.0     | 24  | 24  | 1.0     | 24   | 24   | 20-1 | 24  | 1.0  | 1.0  |
| 25       | 1.0      | 20-1 | 1    | 1    | 1.0     | 25  | 25  | 1.0     | 25   | 25   | 20-1 | 25  | 1.0  | 1.0  |
| 26       | 1.0      | 20-1 | 1    | 1    | 1.0     | 26  | 26  | 1.0     | 26   | 26   | 20-1 | 26  | 1.0  | 1.0  |
| 27       | 1.0      | 20-1 | 1    | 1    | 1.0     | 27  | 27  | 1.0     | 27   | 27   | 20-1 | 27  | 1.0  | 1.0  |
| 28       | 1.0      | 20-1 | 1    | 1    | 1.0     | 28  | 28  | 1.0     | 28   | 28   | 20-1 | 28  | 1.0  | 1.0  |
| 29       | 1.0      | 20-1 | 1    | 1    | 1.0     | 29  | 29  | 1.0     | 29   | 29   | 20-1 | 29  | 1.0  | 1.0  |
| 30       | 1.0      | 20-1 | 1    | 1    | 1.0     | 30  | 30  | 1.0     | 30   | 30   | 20-1 | 30  | 1.0  | 1.0  |
| 31       | 1.0      | 20-1 | 1    | 1    | 1.0     | 31  | 31  | 1.0     | 31   | 31   | 20-1 | 31  | 1.0  | 1.0  |
| 32       | 1.0      | 20-1 | 1    | 1    | 1.0     | 32  | 32  | 1.0     | 32   | 32   | 20-1 | 32  | 1.0  | 1.0  |
| 33       | 1.0      | 20-1 | 1    | 1    | 1.0     | 33  | 33  | 1.0     | 33   | 33   | 20-1 | 33  | 1.0  | 1.0  |
| 34       | 1.0      | 20-1 | 1    | 1    | 1.0     | 34  | 34  | 1.0     | 34   | 34   | 20-1 | 34  | 1.0  | 1.0  |
| 35       | 1.0      | 20-1 | 1    | 1    | 1.0     | 35  | 35  | 1.0     | 35   | 35   | 20-1 | 35  | 1.0  | 1.0  |
| 36       | 1.0      | 20-1 | 1    | 1    | 1.0     | 36  | 36  | 1.0     | 36   | 36   | 20-1 | 36  | 1.0  | 1.0  |
| 37       | 1.0      | 20-1 | 1    | 1    | 1.0     | 37  | 37  | 1.0     | 37   | 37   | 20-1 | 37  | 1.0  | 1.0  |
| 38       | 1.0      | 20-1 | 1    | 1    | 1.0     | 38  | 38  | 1.0     | 38   | 38   | 20-1 | 38  | 1.0  | 1.0  |
| 39       | 1.0      | 20-1 | 1    | 1    | 1.0     | 39  | 39  | 1.0     | 39   | 39   | 20-1 | 39  | 1.0  | 1.0  |
| 40       | 1.0      | 20-1 | 1    | 1    | 1.0     | 40  | 40  | 1.0     | 40   | 40   | 20-1 | 40  | 1.0  | 1.0  |
| 41       | 1.0      | 20-1 | 1    | 1    | 1.0     | 41  | 41  | 1.0     | 41   | 41   | 20-1 | 41  | 1.0  | 1.0  |
| 42       | 1.0      | 20-1 | 1    | 1    | 1.0     | 42  | 42  | 1.0     | 42   | 42   | 20-1 | 42  | 1.0  | 1.0  |

FIRST 10 KVA = 100%  
REMAINER = 40%  
A.C. = 100%

TOTAL = 400 KVA

I. 1750 A

TYPE: ITB-80  
SERVICE: 240V-1P-1N-3W  
MOUNTING: SURFACE  
POLES: 24

**PANEL 'A'**

MAIN BUS: 200 A  
NEUTRAL: FULL  
GND: 100 A  
A.I.C.: 10 K

| DEM. NO. | DEM. KVA | TRIP | CON. | WIRE | REMARKS | QTY | QTY | REMARKS | WIRE | CON. | TRIP | NO. | DEM. | DEM. |
|----------|----------|------|------|------|---------|-----|-----|---------|------|------|------|-----|------|------|
| KVA      | KVA      | POLE | OUT  |      |         | NO. | NO. |         |      | OUT  | POLE | KVA | KVA  | KVA  |
| 1        | 1.0      | 20-1 | 1    | 1    | 1.0     | 1   | 1   | 1.0     | 1    | 1    | 20-1 | 1   | 1.0  | 1.0  |
| 2        | 1.0      | 20-1 | 1    | 1    | 1.0     | 2   | 2   | 1.0     | 2    | 2    | 20-1 | 2   | 1.0  | 1.0  |
| 3        | 1.0      | 20-1 | 1    | 1    | 1.0     | 3   | 3   | 1.0     | 3    | 3    | 20-1 | 3   | 1.0  | 1.0  |
| 4        | 1.0      | 20-1 | 1    | 1    | 1.0     | 4   | 4   | 1.0     | 4    | 4    | 20-1 | 4   | 1.0  | 1.0  |
| 5        | 1.0      | 20-1 | 1    | 1    | 1.0     | 5   | 5   | 1.0     | 5    | 5    | 20-1 | 5   | 1.0  | 1.0  |
| 6        | 1.0      | 20-1 | 1    | 1    | 1.0     | 6   | 6   | 1.0     | 6    | 6    | 20-1 | 6   | 1.0  | 1.0  |
| 7        | 1.0      | 20-1 | 1    | 1    | 1.0     | 7   | 7   | 1.0     | 7    | 7    | 20-1 | 7   | 1.0  | 1.0  |
| 8        | 1.0      | 20-1 | 1    | 1    | 1.0     | 8   | 8   | 1.0     | 8    | 8    | 20-1 | 8   | 1.0  | 1.0  |
| 9        | 1.0      | 20-1 | 1    | 1    | 1.0     | 9   | 9   | 1.0     | 9    | 9    | 20-1 | 9   | 1.0  | 1.0  |
| 10       | 1.0      | 20-1 | 1    | 1    | 1.0     | 10  | 10  | 1.0     | 10   | 10   | 20-1 | 10  | 1.0  | 1.0  |
| 11       | 1.0      | 20-1 | 1    | 1    | 1.0     | 11  | 11  | 1.0     | 11   | 11   | 20-1 | 11  | 1.0  | 1.0  |
| 12       | 1.0      | 20-1 | 1    | 1    | 1.0     | 12  | 12  | 1.0     | 12   | 12   | 20-1 | 12  | 1.0  | 1.0  |
| 13       | 1.0      | 20-1 | 1    | 1    | 1.0     | 13  | 13  | 1.0     | 13   | 13   | 20-1 | 13  | 1.0  | 1.0  |
| 14       | 1.0      | 20-1 | 1    | 1    | 1.0     | 14  | 14  | 1.0     | 14   | 14   | 20-1 | 14  | 1.0  | 1.0  |
| 15       | 1.0      | 20-1 | 1    | 1    | 1.0     | 15  | 15  | 1.0     | 15   | 15   | 20-1 | 15  | 1.0  | 1.0  |
| 16       | 1.0      | 20-1 | 1    | 1    | 1.0     | 16  | 16  | 1.0     | 16   | 16   | 20-1 | 16  | 1.0  | 1.0  |
| 17       | 1.0      | 20-1 | 1    | 1    | 1.0     | 17  | 17  | 1.0     | 17   | 17   | 20-1 | 17  | 1.0  | 1.0  |
| 18       | 1.0      | 20-1 | 1    | 1    | 1.0     | 18  | 18  | 1.0     | 18   | 18   | 20-1 | 18  | 1.0  | 1.0  |
| 19       | 1.0      | 20-1 | 1    | 1    | 1.0     | 19  | 19  | 1.0     | 19   | 19   | 20-1 | 19  | 1.0  | 1.0  |
| 20       | 1.0      | 20-1 | 1    | 1    | 1.0     | 20  | 20  | 1.0     | 20   | 20   | 20-1 | 20  | 1.0  | 1.0  |
| 21       | 1.0      | 20-1 | 1    | 1    | 1.0     | 21  | 21  | 1.0     | 21   | 21   | 20-1 | 21  | 1.0  | 1.0  |
| 22       | 1.0      | 20-1 | 1    | 1    | 1.0     | 22  | 22  | 1.0     | 22   | 22   | 20-1 | 22  | 1.0  | 1.0  |
| 23       | 1.0      | 20-1 | 1    | 1    | 1.0     | 23  | 23  | 1.0     | 23   | 23   | 20-1 | 23  | 1.0  | 1.0  |
| 24       | 1.0      | 20-1 | 1    | 1    | 1.0     | 24  | 24  | 1.0     | 24   | 24   | 20-1 | 24  | 1.0  | 1.0  |
| 25       | 1.0      | 20-1 | 1    | 1    | 1.0     | 25  | 25  | 1.0     | 25   | 25   | 20-1 | 25  | 1.0  | 1.0  |
| 26       | 1.0      | 20-1 | 1    | 1    | 1.0     | 26  | 26  | 1.0     | 26   | 26   | 20-1 | 26  | 1.0  | 1.0  |
| 27       | 1.0      | 20-1 | 1    | 1    | 1.0     | 27  | 27  | 1.0     | 27   | 27   | 20-1 | 27  | 1.0  | 1.0  |
| 28       | 1.0      | 20-1 | 1    | 1    | 1.0     | 28  | 28  | 1.0     | 28   | 28   | 20-1 | 28  | 1.0  | 1.0  |
| 29       | 1.0      | 20-1 | 1    | 1    | 1.0     | 29  | 29  | 1.0     | 29   | 29   | 20-1 | 29  | 1.0  | 1.0  |
| 30       | 1.0      | 20-1 | 1    | 1    | 1.0     | 30  | 30  | 1.0     | 30   | 30   | 20-1 | 30  | 1.0  | 1.0  |
| 31       | 1.0      | 20-1 | 1    | 1    | 1.0     | 31  | 31  | 1.0     | 31   | 31   | 20-1 | 31  | 1.0  | 1.0  |
| 32       | 1.0      | 20-1 | 1    | 1    | 1.0     | 32  | 32  | 1.0     | 32   | 32   | 20-1 | 32  | 1.0  | 1.0  |
| 33       | 1.0      | 20-1 | 1    | 1    | 1.0     | 33  | 33  | 1.0     | 33   | 33   | 20-1 | 33  | 1.0  | 1.0  |
| 34       | 1.0      | 20-1 | 1    | 1    | 1.0     | 34  | 34  | 1.0     | 34   | 34   | 20-1 | 34  | 1.0  | 1.0  |
| 35       | 1.0      | 20-1 | 1    | 1    | 1.0     | 35  | 35  | 1.0     | 35   | 35   | 20-1 | 35  | 1.0  | 1.0  |
| 36       | 1.0      | 20-1 | 1    | 1    | 1.0     | 36  | 36  | 1.0     | 36   | 36   | 20-1 | 36  | 1.0  | 1.0  |
| 37       | 1.0      | 20-1 | 1    | 1    | 1.0     | 37  | 37  | 1.0     | 37   | 37   | 20-1 | 37  | 1.0  | 1.0  |
| 38       | 1.0      | 20-1 | 1    | 1    | 1.0     | 38  | 38  | 1.0     | 38   | 38   | 20-1 | 38  | 1.0  | 1.0  |
| 39       | 1.0      | 20-1 | 1    | 1    | 1.0     | 39  | 39  | 1.0     | 39   | 39   | 20-1 | 39  | 1.0  | 1.0  |
| 40       | 1.0      | 20-1 | 1    | 1    | 1.0     | 40  | 40  | 1.0     | 40   | 40   | 20-1 | 40  | 1.0  | 1.0  |
| 41       | 1.0      | 20-1 | 1    | 1    | 1.0     | 41  | 41  | 1.0     | 41   | 41   | 20-1 | 41  | 1.0  | 1.0  |
| 42       | 1.0      | 20-1 | 1    | 1    | 1.0     | 42  | 42  | 1.0     | 42   | 42   | 20-1 | 42  | 1.0  | 1.0  |

FIRST 10 KVA = 100%  
REMAINER = 40%  
A.C. = 100%

TOTAL = 300 KVA

I. 100 A

TYPE: ITB-80  
SERVICE: 240 V., 1P, 1N, 3W  
MOUNTING: SURFACE  
POLES: 24

PANEL 'F'

(TERMINAL)

MAIN BUS: 200 A  
NEUTRAL: FULL  
GND: 100 A  
A.I.C.: 10 K

| DEM. NO. | DEM. KVA | TRIP POLE | CON. OUT | WIRE | REMARKS           | QTY NO. | QTY NO. | REMARKS       | WIRE | CON. OUT | TRIP POLE | NO. | DEM. KVA | DEM. KVA |
|----------|----------|-----------|----------|------|-------------------|---------|---------|---------------|------|----------|-----------|-----|----------|----------|
| 1        | 1.0      | 20-1      | 1        | 6    | EXHST. A.H.U.     | 1       | 2       | EXHST.        | 6    | 1        | 20-1      | 1   | 1.0      | 1.0      |
|          |          |           |          |      |                   | 3       | 4       | RANGE         | 6    | 1        | 20-2      | 1   | 1.0      | 1.0      |
| 2        | 1.0      | 20-4      | 1        | 3    | REFRIGERATOR      | 5       | 8       |               |      |          |           |     |          |          |
|          |          |           |          |      | SMALL APPL.       | 7       | 9       | WASHER        | 12   | 1        | 20-1      | 1   | 1.0      | 1.0      |
|          |          |           |          |      | SMALL APPL.       | 9       | 10      | EXHST.        | 12   | 1        | 20-2      | 1   | 1.0      | 1.0      |
|          |          |           |          |      | LITER/RECEPT.     | 11      | 12      |               |      |          |           |     |          |          |
|          |          |           |          |      |                   | 13      | 14      | DRYER         | 10   | 1        | 20-2      | 1   | 1.0      | 1.0      |
|          |          |           |          |      |                   | 15      | 16      |               |      |          |           |     |          |          |
| 3        | 3.0      | 20-2      | 1        | 10   | EXHST. WATER HTR. | 17      | 18      | LITER/RECEPT. | 14   | 1        | 20-1      | 1   | 1.0      | 1.0      |
|          |          |           |          |      |                   | 19      | 20      |               |      |          |           |     |          |          |
|          |          |           |          |      | SPACE             | 21      | 22      |               |      |          |           |     |          |          |
|          |          |           |          |      |                   | 23      | 24      | BATH GFL      | 12   | 1        | 20-1      | 1   | 1.0      | 1.0      |

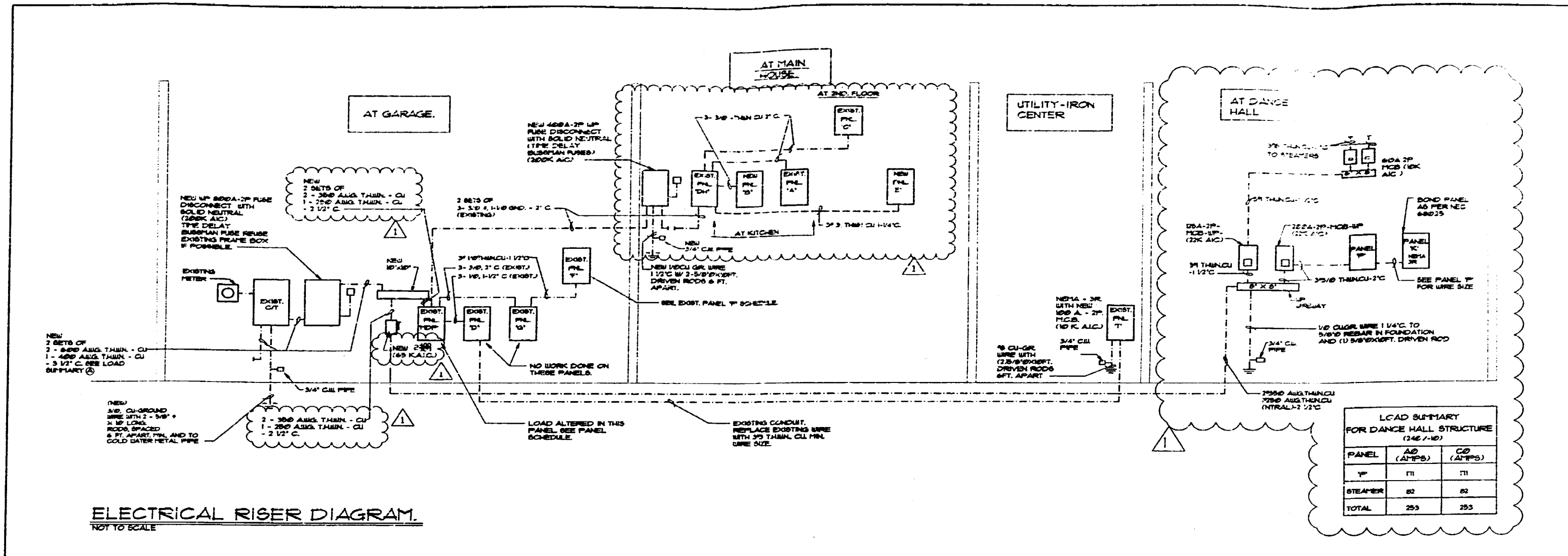
① NEW CIRCUITS. ALL  
OTHERS ARE  
EXISTING.

FIRST 10 KVA = 100%  
REMAINING 8 = 40%  
A/C = 100%

• 10.0 KVA  
• 10.0 KVA  
• 10.0 KVA

20.0 KVA

1. 20.0 A



**ELECTRICAL LEGEND**

| SWITCHES & RECEPTACLES   | LIGHTS & FIXTURES  | SIGNALING SYSTEM          |
|--------------------------|--|---------------------------|
| 1. SWITCH                | 1. CEILING LIGHT   | 1. BELL                   |
| 2. 3-WAY SWITCH          | 2. RECESSED DOWNLIGHT  | 2. TELEPHONE              |
| 3. 4-WAY SWITCH          | 3. WALL LIGHT  | 3. TELE. DATA/MODEM       |
| 4. DIMMER SWITCH         | 4. FLOURESCENT STRIP   | 4. COMP. TELE. DATA COVER |
| 5. TIME SWITCH           | 5. FLOURESCENT STRIP   | 5. INTERCOM               |
| 6. SINGLE RECEPTACLE     | 6. FLOODELIGHT   | 6. STROBE LIGHT           |
| 7. DUPLEX RECEPTACLE     | 7. EXIT LIGHT  | 7. HORN / STROBE          |
| 8. 240 V. OUTLET         | 8. EXHAUST FAN   | 8. TELEVISION OUTLET      |
| 9. QUAD. RECEPT.         | 9. CEILING FAN   | 9. THERMOSTAT             |
| 10. DUPLEX RECEPT.       | 10. GARAGE DOOR MOTOR  | 10. SMOKE DETECTOR        |
| 11. FLOOR DUPLEX RECEPT. | 11. DISPOSAL   | 11. DUCT SMOKE DETECTOR   |
| 12. WEATHER-PROOF        | 12. PUSH BOTTON  | 12. TEST KEY STATION      |
| 13. JUNCTION BOX         | 13. 24" RECESSED EMERGENCY FLUOR. 3 LAMP W/ ELECT. BALLAST & BATTERY BACK AND ADRIDE LENSE |                           |
| 14. SAFETY SWITCH        |  |                           |
| 15. CIRCUIT BREAKER      |  |                           |
| 16. ELECTRICAL METER     |  |                           |

**ELECTRICAL LOAD SUMMARY (A)**  
(ENTIRE PROPERTY) (240 V. 1 PHASE)

|  |   |
|--|---|
| A. GENERAL LIGHTING LOAD + SMALL APPLIANCE | 15,554 S.F. @ 3W/SF = 46,662 + 7,500 = 54,162 WATTS |
| B. FIXED APPLIANCE                         | 24,000 WATTS  |
| C. NEUTRAL LOAD                            | 10,000 W @ 100% = 10,000 WATTS                      |
| CONNECTED LOAD LESS A/C                    | 88,162 WATTS  |
| A/C (OR HEATING)                           | 10,000 WATTS  |
| TOTAL NEUTRAL WATTS                        | 98,162 WATTS  |
| AMPS @ 240/120V                            | 409 AMPS  |

**ELECTRICAL LOAD SUMMARY (B)**  
(MAIN HOUSE) (240 V. 1 PHASE)

|  |  |
|--|--|
| A. GENERAL LIGHTING LOAD + SMALL APPLIANCE | 8,558 S.F. @ 3W/SF = 25,674 + 4,500 = 30,174 WATTS |
| B. FIXED APPLIANCE                         | 24,000 WATTS                                       |
| C. NEUTRAL LOAD                            | 10,000 W @ 100% = 10,000 WATTS                     |
| CONNECTED LOAD LESS A/C                    | 59,674 WATTS                                       |
| A/C (OR HEATING)                           | 10,000 WATTS                                       |
| TOTAL NEUTRAL WATTS                        | 69,674 WATTS                                       |
| AMPS @ 240/120V                            | 290 AMPS   |

- ELECTRICAL GENERAL NOTES :**
- DO NOT SCALE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT AND CONFIRM WITH OWNER'S REPRESENTATIVE.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL COMPLY WITH ALL LOCAL RULES AND ORDINANCES.
  - MINIMUM WIRE SIZE SHALL BE # 14 A.W.G., EXCLUDING CONTROL WIRING. UNLESS OTHERWISE NOTED ALL CONDUCTORS SHALL BE COPPER WITH THW INSULATION.
  - OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
  - DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE.
  - MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
  - THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
  - ELECTRICAL SYSTEM SHALL BE COMPLETELY GROUNDED AS REQUIRED BY THE LATEST ADDITION OF THE N.E.C.
  - ALL MATERIALS SHALL BE NEW AND SHALL BEAR UNDERWRITERS LABELS WHERE APPLICABLE.
  - ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE, AND ACCEPTED BY ENGINEER / ARCHITECT.
  - ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
  - CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM DATE OF ACCEPTANCE.
  - CORRECTIONS OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
  - ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY OF PROPERTY DAMAGED FOR THE DURATION OF WORK.
  - CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTINGS.
  - THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
  - FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. ARE TO BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
  - ALL RACEWAYS UNDERGROUND SHALL BE A MINIMUM OF 3/4" CONDUIT. HANDLES, OR TANDEMS WILL BE ACCEPTED.
  - ALL CIRCUIT BREAKERS TWO OR THREE POLE, TO BE COMMON TRIP. NO THERMAL HANDLES, OR TANDEMS WILL BE ACCEPTED.
  - ALL FUSES, UNLESS NOTED ON DRAWING, SHALL BE CURRENT LIMITED FUSES (CLL) RATED FOR 200,000 A.I.C.
  - ROMEX IS NOT AN APPROVED WIRING METHOD. (NOT ACCEPTABLE)

**GUSTAVO SOLANO, P.E.**  
consulting engineer  
fla. registration # 34923  
4836 s.w. 74th. court, miami, fl. 33156  
tel. (305) 665-8151

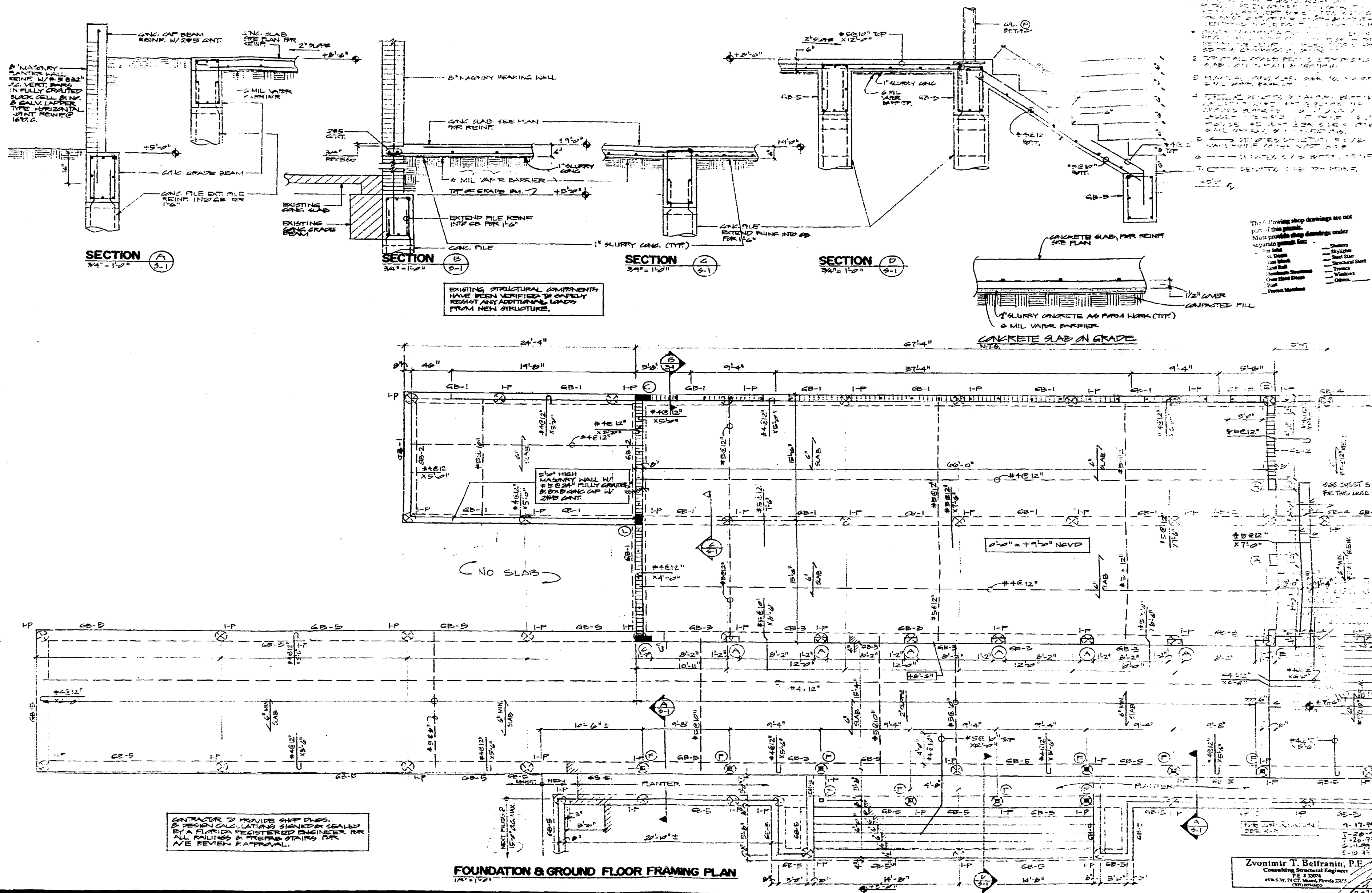
**ROBERT WADE AND ASSOCIATES, P.A.**  
PLANNERS  
ARCHITECTS  
320 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2832  
AAC00875

**RENOVATION FOR**  
**DOMINION INDUSTRIAL HOLDINGS**  
**MIAMI BEACH, FLORIDA.**

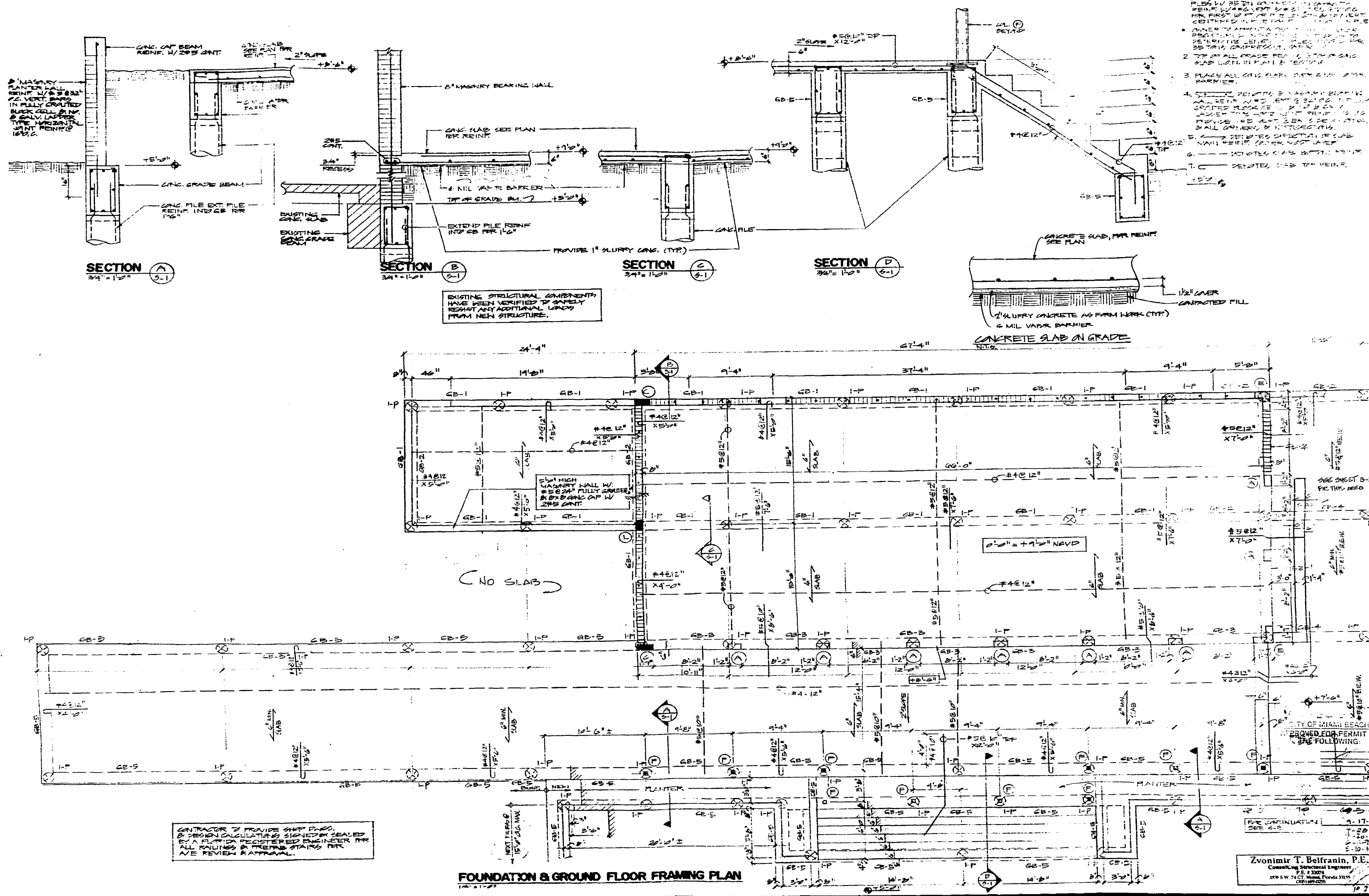
REVISIONS

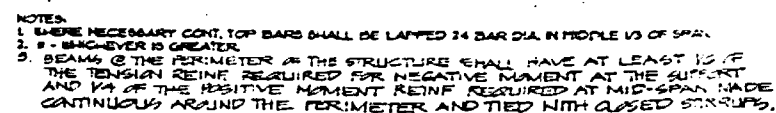
| NO. | DATE   | DESCRIPTION      |
|-----|--------|------------------|
| 1   | 5/2/95 | ISSUED           |
| 2   | 5/2/95 | DRAWN            |
| 3   | 5/2/95 | CHECKED          |
| 4   | 5/2/95 | PROJECT NO. 9-99 |

**SHEET**  
**E-5**  
**OF 5**







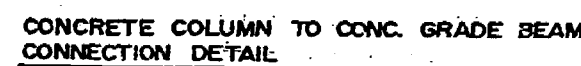






| CONCRETE BEAM SCHEDULE |           |               |             |       |     |   |                  |       |      |         |         |                    |
|------------------------|-----------|---------------|-------------|-------|-----|---|------------------|-------|------|---------|---------|--------------------|
| MARK                   | TOP ELEV. | SIZE<br>W X H | REINFORCING |       |     |   | TIES OR STIRRUPS |       |      |         | REMARKS |                    |
|                        |           |               | BOVL.       | CENT. | C   | E | I                | NO.   | TYPE | SPACING |         |                    |
| CB-1                   | SEE PLAN  | 14" X 24"     | 3#6         | 3#6   | 1#6 |   |                  | 1#5   | 3    | □       | 6"      |                    |
| CB-2                   |           | 14" X 24"     | 3#6         | 3#6   |     |   |                  |       |      | □       | 6"      |                    |
| CB-3                   |           | 14" X 24"     | 3#6         | 3#6   | 1#7 |   |                  |       |      | □       | 6"      |                    |
| CB-4                   |           | 14" X 24"     | 3#6         | 3#6   |     |   |                  |       |      | □       | 6"      |                    |
| CB-5                   |           | 14" X 24"     | 3#6         | 3#6   |     |   |                  | ↓     | ↓    | □       | 6"      |                    |
| CB-6                   |           | 14" X 24"     | 3#6         | 3#6   |     |   |                  | 1#5   | 3    | □       | 6"      |                    |
| B-1                    |           | 16" X 14"     | 2#6         | 2#6   |     |   |                  |       | 3    | □       | 6"      |                    |
| B-2                    |           | 8" X 14"      | 2#6         | 2#6   |     |   |                  |       | 4    | □       | 6"      |                    |
| TB                     |           | 8" X 12"      | 2#5         | 2#5   |     |   |                  | 4#    | 3    | □       | 6"      | EA. END BAL. @ 24" |
| TB-1                   |           | 12" X 12"     | 3#5         | 3#5   |     |   |                  | 4#    | 3    | □       | 6"      | EA. END BAL @ 24"  |
| RB-1                   |           | 12" ARCH      | 3#5         | 3#5   |     |   |                  | 1#5   | 3    | □       | 6"      | SEE ARCH'L DWGS.   |
| RB-2                   |           | 8" X          | 2#5         | 2#6   |     |   |                  | #5@12 | 4    | □       | 6"      | SEE ELEV. 1/S-5    |
| RB-3                   |           | 16" X 20"     | 3#5         | 3#7   |     |   |                  | 2#5   | 3    | □       | 6"      | SEE ARCH'L DWGS.   |
| RB-4                   |           | 6" X 20"      | 3#5         | 3#5   |     |   |                  | 2#5   | 3    | □       | 6"      |                    |
| RB-5                   |           | 8" X 26"      | 2#5         | 2#5   |     |   |                  | 3#5   | 3    | □       | 6"      |                    |
| RB-6                   |           | 16" X ARCH    | 4#5         | 4#5   |     |   |                  | #5@12 | 3    | □       | 6"      | SEE ELEV. 1/S-6    |
| RB-7                   | ↓         | 8" X 28"      | 2#5         | 2#5   |     |   |                  | #5@12 | 3    | □       | 6"      | SEE ELEV. 2/S-6    |

| COLUMNS SCHEDULE |                   |  |                                       |   |
|------------------|-------------------|--|---------------------------------------|---|
| MARK             | SIZE              | REINFORCEMENT<br>VERTICAL OR<br>BASE PLATE                       | REINFORCEMENT<br>TIES OR<br>CAP PLATE | REMARKS   |
| (A)              | 8" x 14"          | 4 #6   | #3 □ @ 8"                             |   |
| (B)              | 8" x 24"          | 6 #6   | #3 □ @ 8"                             |  #3 J.H.F. @ 8" O.C. |
| (C)              | 8" x 19"          | 4 #6   | #3 □ @ 8"                             |   |
| (D)              | 8" x 26"          | 6 #6   | #3 □ @ 8"                             | SAME AS COL. (B)  |
| (E)              | 8" x 17" x 25"    | 8 #6   | #3 □ @ 8"                             |                      |
| (F)              | T5 8" x 5" x 1/4" | 12" x 12" x 3/4" W/ 4-50#4<br>KNIK BELTS x MILTI<br>8" ENDS      | SAME AS BASE PL.                      | FOR "BELLIS" CAP PL.<br>12" x 6" x 1/4"   |
| (G)              | 12" x 23"         | 8 #6   | #3 □ @ 12"<br>#3 □ @ 12"              |                      |
| (H)              | T5 2X6 x 1/4"     | 8" x 8" x 5/8" PLATE W/ 4-<br>50#4 KNIK BELTS x<br>MILTI 6" ENDS | SAME AS BASE PL.                      |   |
| (I)              | FILLED CELL       | 1 #5   | —                                     | FULLY GRADED  |
| (K)              | 8" x 20"          | 6 #5   | #3 □ @ 8"                             |  #3 J.H.F. @ 8" O.C. |
| (L)              | 8" x 12"          | 4 #5   | #3 □ @ 12"                            |   |



**Zvonimir T. Belfranin, P.E.**  
Consulting Structural Engineer  
P.E. # 33074  
4836 SW 74 CT, Miami, Florida 33155  
(305) 669-0299

- ### GENERAL STRUCTURAL NOTES

- 1. **General**
- A. The Contractor shall check all dimensions on the structural drawings and verify same generally with the Architectural details such as, slab depressions, waterproofing, structural openings, fascia framing and bracing shall be installed as shown on the Architectural set.
- B. The Contractor shall be responsible for shoring and bracing to ensure safe working conditions on site. All construction shall conform to the South-Florida Building Code.
- 2. **Concrete**
- A. All cast-in-place concrete in this job shall attain a minimum compressive strength (FC) at 28 days of curing.
- B. Concrete work shall conform to all requirements of ACI 301-latest edition, specific details for structural concrete for building.
- 3. **Reinforcing Steel**
- A. Reinforcing steel shall be detailed and placed in accordance with ACI 318-latest ed.
- B. Reinforcing steel shall be deformed bars conforming to ASTM A 615 grade 60, unless otherwise noted.
- C. All welded wire fabric shall conform to ASTM A 185.
- D. Reinforcing to be securely in position with standard accessories during placing of concrete.
- E. All bottom bars shall bear 6" minimum over supports.

- | 4. Minimum Concrete Over Reinforcing                                 |  | Minimum Clear Cover, (in.) |
|--|--|----------------------------|
| A. Concrete against and permanently exposed to earth (uniform faces) |  | 3                          |
| B. Concrete exposed to earth or weather (formed faces)               |  | 2                          |
| a. #6 bars and larger  |  | 1 1/2                      |
| b. #5 bars and smaller   |  |                            |
| C. Not in contact with ground  |  | 3/4                        |
| a. Structural slabs & walls  |  |                            |
| b. Beams and Columns   |  |                            |
| c. Primary reinforcement, (see stirrups & spirals)                   |  |                            |
| d. Slabs on grade over vapor barrier                                 |  | 1 1/2                      |

- 5. **Masonry**
  - A. Hollow concrete masonry units shall be of a quality of at least equal to that required by ASTM C 90 "standard specifications for hollow load bearing concrete masonry units".
  - B. All masonry shall comply with the property and proportion specifications of ASTM C 270. Except that slag cements shall not be used. Mortar for exterior walls shall be type M or S. For interior walls above grade and not supporting loads the mortar shall be type M, S, or N.
  - C. Whenever anchor bolts are to be set in masonry, two cells in the setting location shall be filled with concrete.
  - D. Grout for masonry units shall conform to ASTM C 476 and shall attain a compressive strength of f'c= 3000 p.s.i. at 28 days.
  - E. Prism strength of masonry units shall be minimum of f'm= 1500 p.s.i.
  - F. Maximum pour lift for masonry units and grout pour height shall be 4'-0".
  - G. Slump 9" ± 1".

- 6. Structural Steel**
- A. Structural steel work shall comply with AISC "specifications for the design, fabrications and erections for buildings" as it appears on the manual of steel construction, latest edition.**
- B. Structural steel shapes, bars, plates and pipes shall conform to ASTM A 36, FY= 36 KSI.**
- C. Structural steel tubing shall conform to ASTM A 46, FY= 46 KSI**

The following shop drawings are not part of this permit.  
Must provide shop drawings under separate permit for:

|                        |                   |
|------------------------|-------------------|
| ___ Bar Joist          | ___ Skinning      |
| ___ Bat Doors          | ___ Skylight      |
| ___ Glass Block        | ___ Steel Stud    |
| ___ Hand Rail          | ___ Stained Glass |
| ___ Masonry Stanchions | ___ Tiles         |
| ___ Over Head Doors    | ___ Trusses       |
| ___ Pools              | ___ Windows       |
| ___ Porch Members      | ___ Columns       |

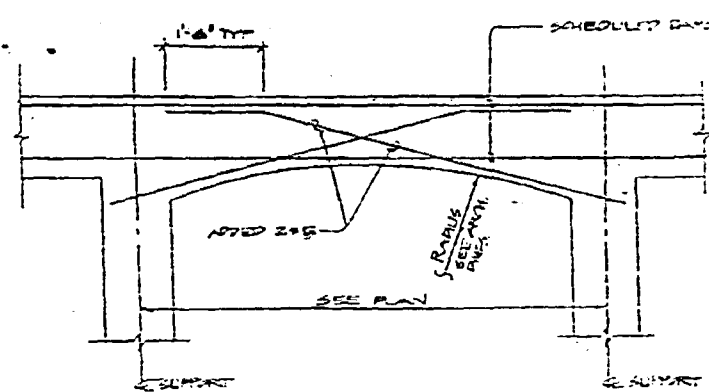
**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS PLANNERS**

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA

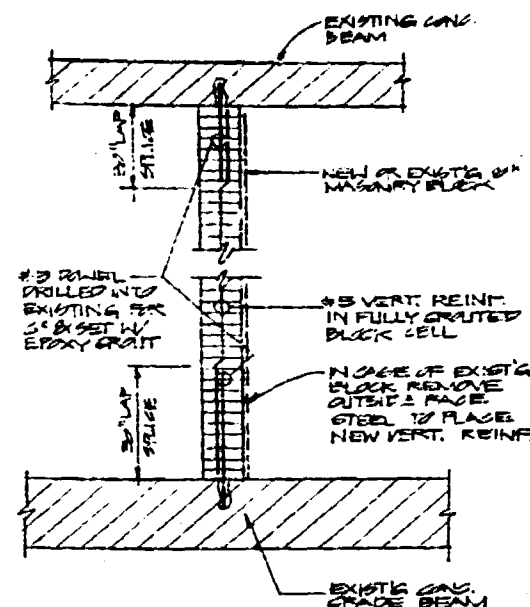
REVIEWS

**DATE**  
**MENT**  
**S-2**

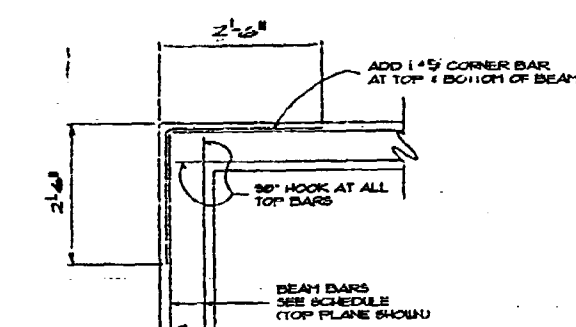
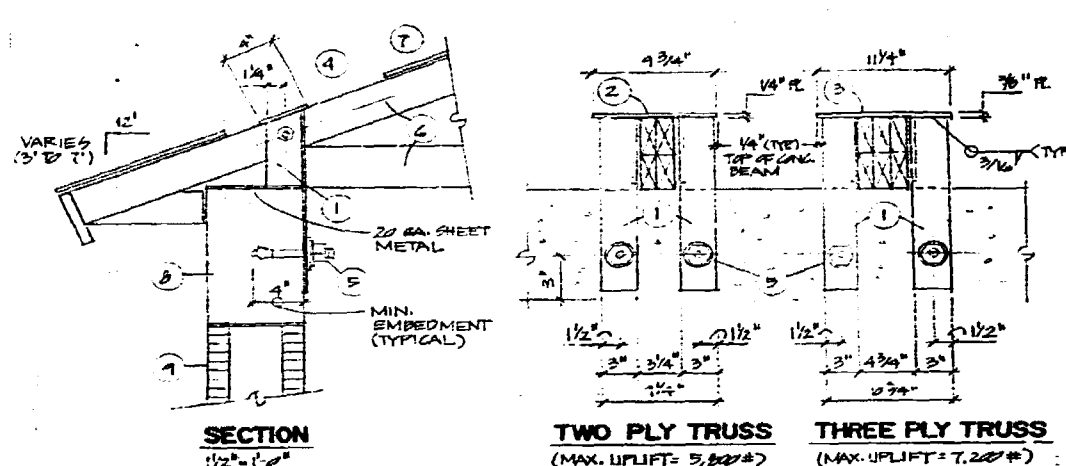
**Zvonimir T. Belfranin, P.E.**  
Consulting Structural Engineer  
P.E. # 33074  
4500 S.W. 74 St. Miami, Florida 33155  
(305) 669-0255



ELEVATION - TYP ARCH BEAM REINFORCING DIAGRAM  
N.T.S.



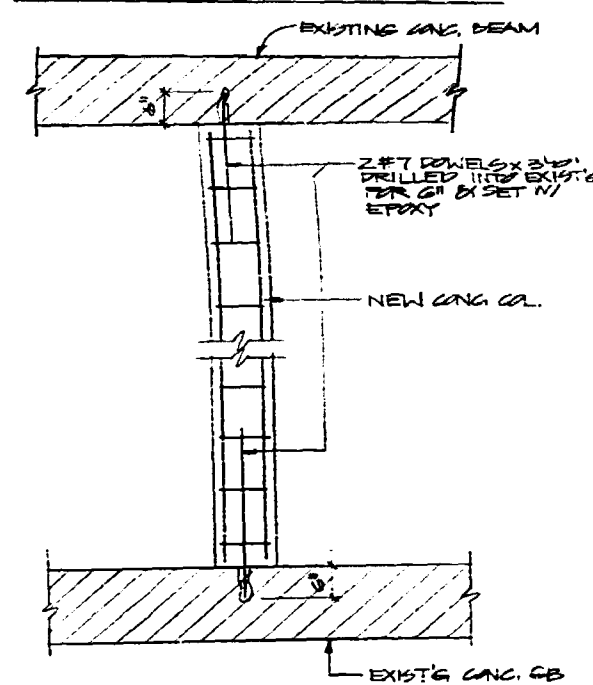
NEW FILLED CELL TO EXIST'G  
CONNECTION DETAIL  
N.T.S.



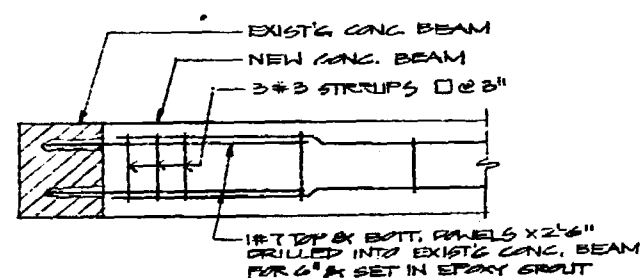
TIE BEAM CORNER PLAN

| MARK | DESCRIPTION       | MARK | DESCRIPTION                          |
|------|-------------------|------|--------------------------------------|
| 1    | Angle 3x3x1/4\"   | 5    | 1/4\"                                |
| 2    | Steel plate 1/4\" | 6    | Prefabricated two or three ply truss |
| 3    | Steel plate 1/4\" | 7    | 1x4\"                                |
| 4    | One (1) 1/4\"     | 8    | Min. 8x12\"                          |
|      |                   | 9    | Concrete masonry block               |

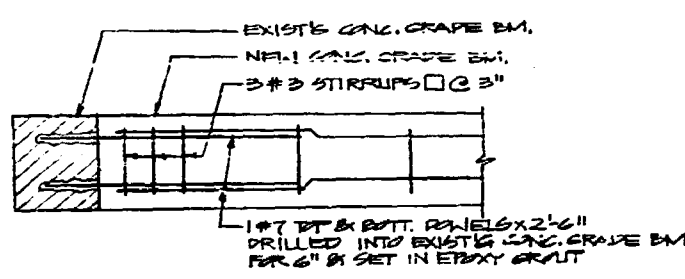
GIRDER TRUSS ANCHORAGE



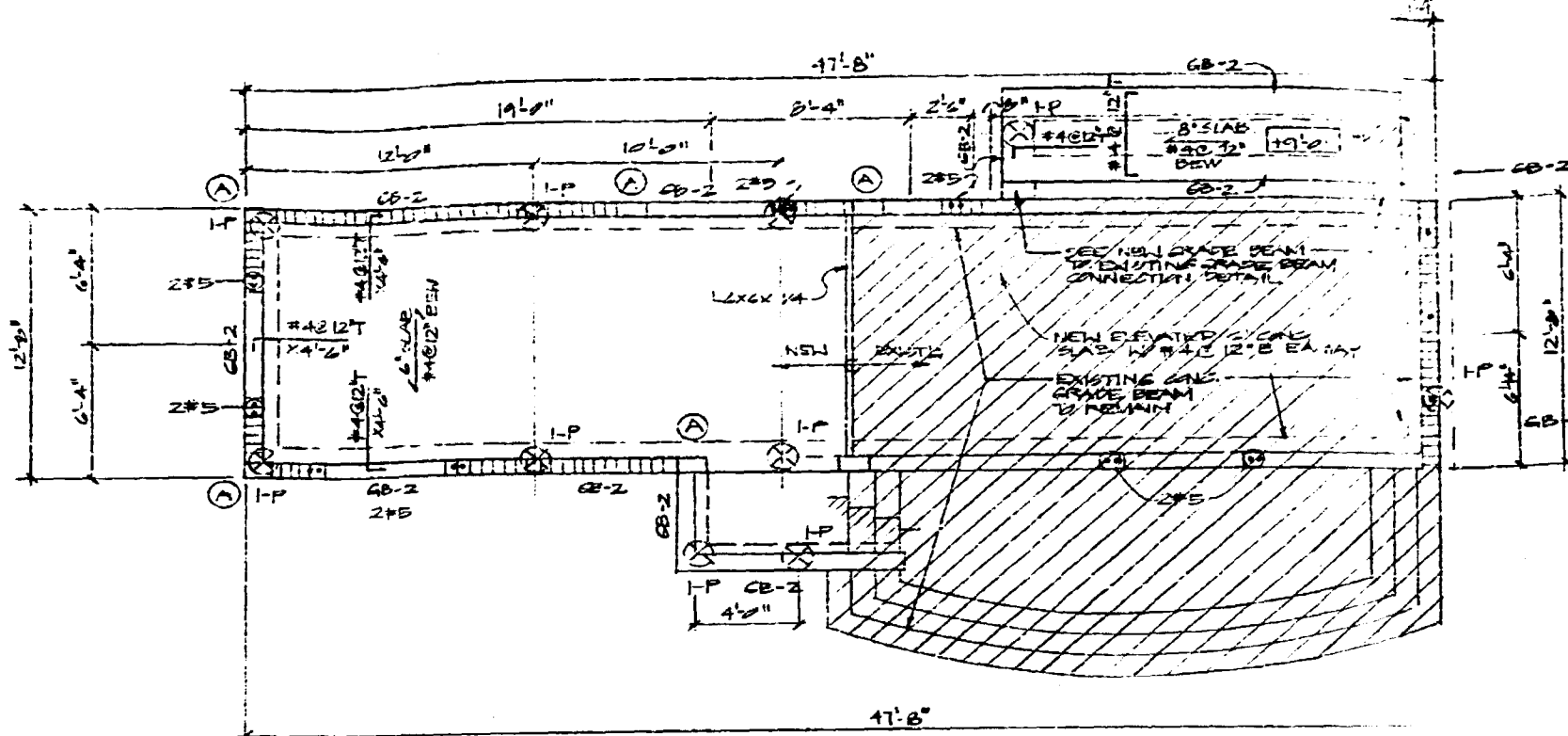
NEW CONCRETE COLUMN TO  
EXISTING CONC. BEAM & GRADE BM.  
CONNECTION DETAIL



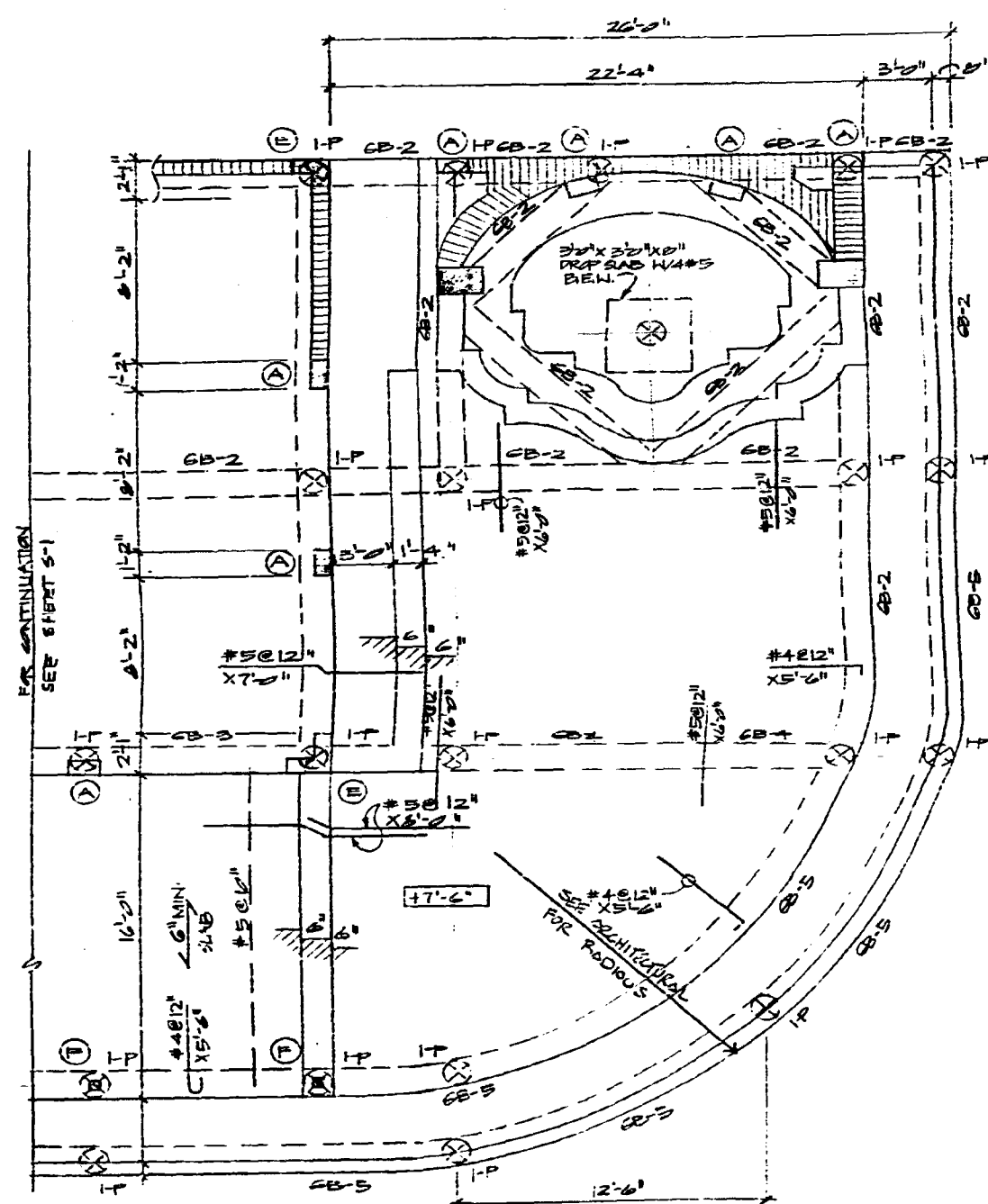
NEW CONC. BEAM TO EXISTING  
CONC. BEAM CONN DETAIL



NEW CONC. GRADE BEAM TO  
EXISTING CONC. G.B. CONNECTION  
DETAIL



MAID S BUILDING  
FOUNDATION & FLOOR FRAMING PLAN  
1/4\"/>



PARTIAL FOUNDATION & GROUND FLOOR FRAMING PLAN  
1/4\"/>

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

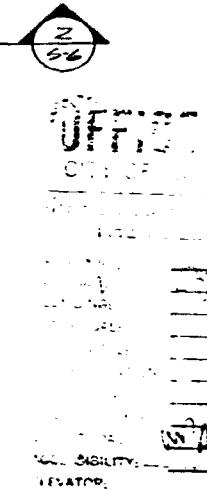
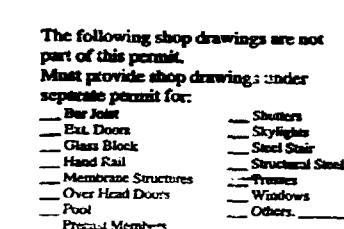
9-17-99  
7-20-99  
5-11-99  
5-10-99

Zvonimir T. Beltramin, P.E.  
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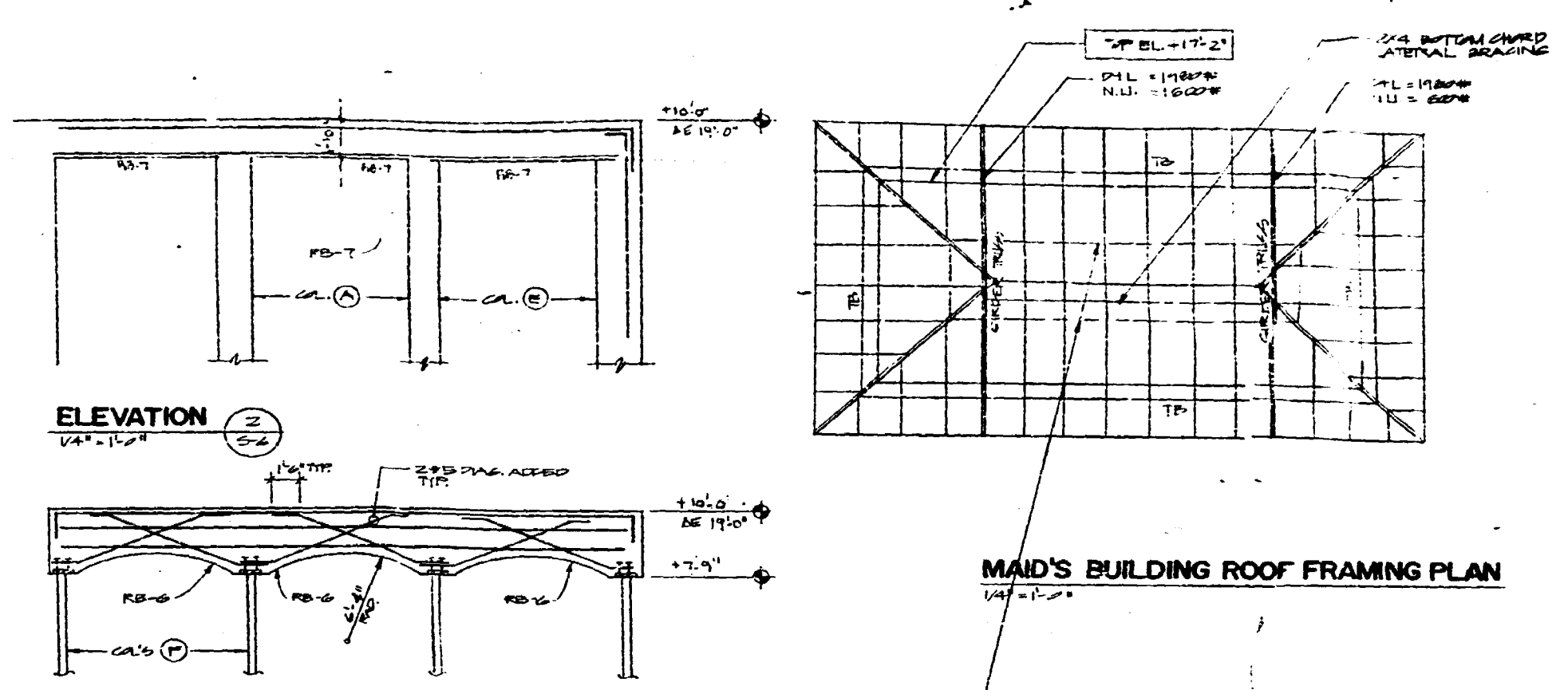
7. L\*B\* DENOTES 2X6 FT. WOOD LEDGER TO FOLLOW THE RAKED TB W/ 3/8" & A-207 THRU BALTS @ 24" O.C. TO RECEIVE DD NAILS @ 4" O.C. FROM PLYWOOD SHEATHING

ENTERTAINMENT BUILDING ROOF FRAMING PLAN



IBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

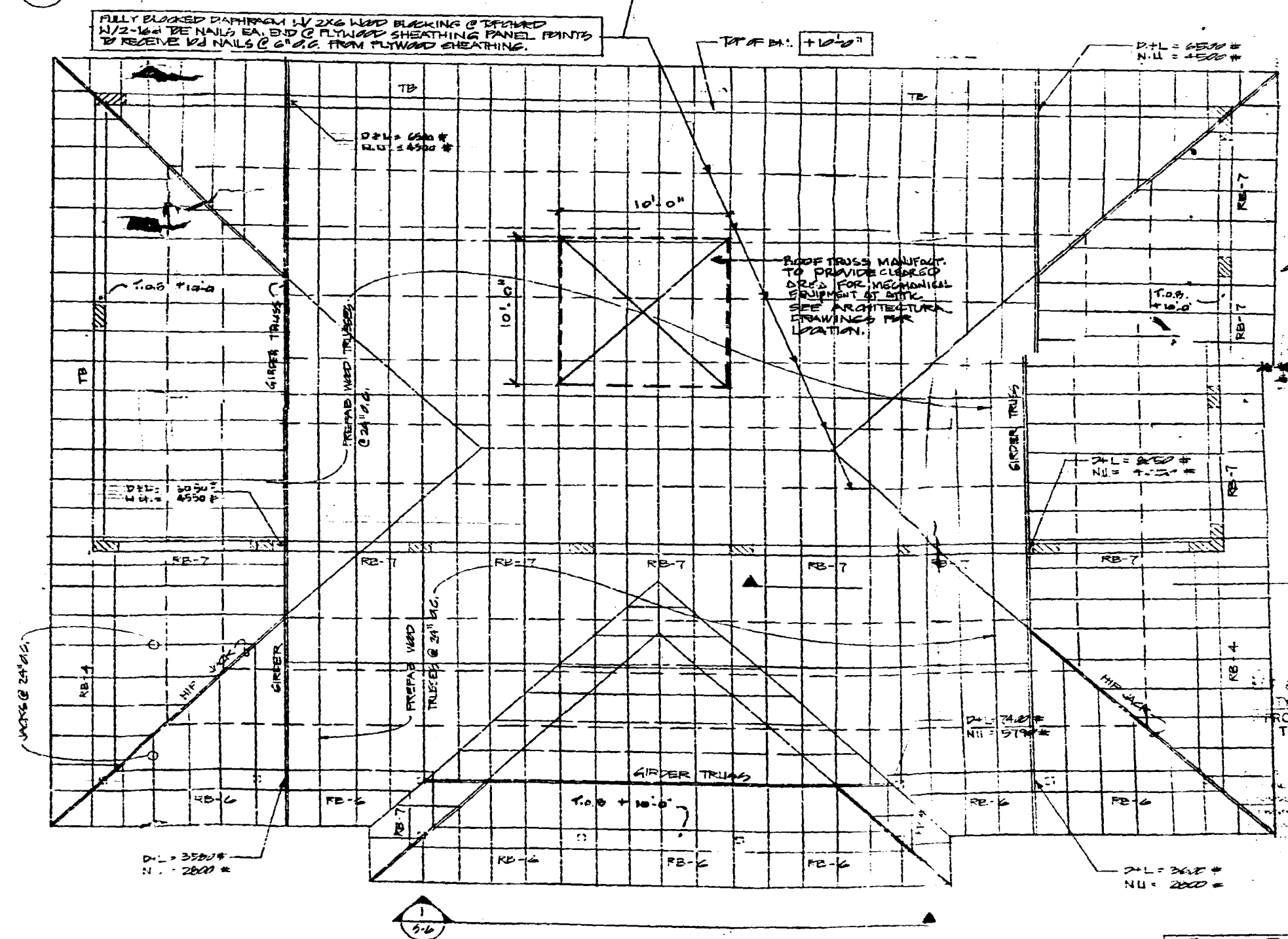
6-22-97



ELEVATION 2  
1/4" = 1'-0"

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

MAID'S BUILDING ROOF FRAMING PLAN  
1/4" = 1'-0"



ENTERTAINMENT BUILDING ROOF FRAMING PLAN  
1/4" = 1'-0"

ROOF PLAN NOTES:

1. SUPER WIND LOADS:  
DL = 20 PSF  
UL = 30 PSF  
NET UPLIFT = 43 PSF
2. FOR CONNECTION OF ROOF TRUSSES TO GANG BEAMS PROVIDE 1/2" GALV. TRUSS ANCHOR BOLTS HUNGERS 1/2" x 28 NAILS TO SEAT PLATE & 1/2" x 28 NAILS TO STRAP
3. FOR ROOF SHEATHING PROVIDE 5/8" x 10" x 1/2" NAILS @ 6" O.C. ALONG EDGES & 6" O.C. ALL SUPPORTING TRUSSES.
4. FOR ALL EXTERIOR JOINTS EXCEPT OVER HANGS PROVIDE MIN. 1/2" FLYWOOD SHEATHING W/ 2x4 NAILS @ 6" O.C. ALONG EDGES & ALL SUPPORTING TRUSSES BOTTOM CHORD.
5. FOR ALL DISCONNECTS PROVIDE 1/2" x 4" x 1" ONLY STRAP BY 1/2" x 28" NAILS @ 12" O.C. ALONG ENDS OF TRUSSES W/ 3/8" x 1/2" x 12" ANCHOR BOLTS.
6. (---) DENOTES 2x6 W/ 2x4 CHORD GNT. LATERAL BRACING W/ 2x4 NAILS @ EA. END (TRUSS PANEL POINTS @ 24" MAX.)
7. L.B. DENOTES 2x6 FT. WOOD LEDGER TO FOLLOW THE RAKED TB W/ 3/8" x 12" x 12" THRU BOLTS @ 24" O.C. TO RECEIVE 2x4 NAILS @ 6" O.C. FROM FLYWOOD SHEATHING.

TY OF MIAMI BEACH  
PROVED FOR PERMIT BY  
THE FOLLOWING:

Zvonimir T. Beltramin, P.E.  
Consulting Structural Engineer  
10-10-99

| DATE    | REVISIONS |
|---------|-----------|
| 6-22-97 | S-6       |





**LASON**

6954 N. W. 12 STREET, MIAMI, FLORIDA 33126  
305-477-9149 • 800-287-4799 • FAX 305-477-7526

# PREVIOUS DOCUMENT

**I S**  
**a photocopy in poor**  
**condition**



FC 017

00278



City of Miami Beach  
Building & Zoning Department

RE: 94 Palm Ave., Act. # BMS0000285

As per your comments dated 3/22/00, they have been addressed as follows:

- 1- Provide calc. for RB-1. - See attached calculation sheet.
- 2- Verify elevation of top of tie beam 19 is NGVD (dam the height of the wall) - See sheet S2.
- 3- Only S1, S2, S3, S6 has been submitted provide S4, S5 - See attached sheets. Sheets have not changed, see existing approved plans.
- 4- A2 calls for existing column to be removed, justify by calc. that will not affect structural integrity of the structure. - Existing column is superposed, column is not structural.

ZVONIMIR T. BELFRANIN, P.E.  
4836 SW 74 Court  
MIAMI, FLORIDA 33155  
(305) 669-1073  
FAX (305) 669-1073

INDUSTRIAL

DATE: 3-20-00

DESIGN RB-1

12" x 24" T&B  
#3 @ 12" o.c.

SPAN = 15'-5"

TRIB. WIDTH = 2'-25"  
+ 0.00' (1/4" dia) = 2'-25"

4'-0"

D = 25 PSF  
L = 30 PSF

W<sub>DELT</sub> = 1.4 x 25 + 1.7 x 30 = 86 PSF  
1.45

BH. (24" x 36") x 12" x 1.4 = 377 PLF  
375 PLF

MU =  $\frac{L}{S} \times .762 \times 15.5^2 = 22.9 \text{ PLF}$

MIN. DEPTH  $\lambda = 20'$

A<sub>S</sub> REQ'D = 0.29 IN<sup>2</sup>

A<sub>S</sub> (201.15) = 3.45 = 3 x 0.31 = 0.93 IN<sup>2</sup>

SHEAR & DEFLECTION OF BY INSPECTION. 0.30 IN<sup>2</sup>

ZVONIMIR T. BELFRANIN, P.E.  
4836 SW 74 COURT  
MIAMI, FLORIDA 33155  
(305) 669-1073  
FAX (305) 669-1073

DESIGN NO. 1000000  
SHEET NO. 1 OF 1  
CALC. BY: M.B. DATE: 07-14-99  
CHECKED BY: ZTB

\* FOUNDATION IS COMPOSED OF 14 DIA. CONC. AUGER CAST PILES  
WITH A NET WORK OF 14" X 24" CONCRETE GRADE BEAMS.

DESIGN LOADS:

ROOF:  
D.L. = 25 PSF  
L.L. = 30 PSF  
GROUND, FIRST & 2ND FLOOR  
D.L. = 25 PSF  
L.L. = 40 PSF (Roof)  
60 PSF (Mechanics)  
100 PSF (Stairs)

LATERAL LOADS:

REF. ASCE 7-88  
EXP. "D"  
110 MPH WIND VELOCITY  
I = 1.05  
q15 = 41 PSF  
q25 = 45 PSF

G15 = 1.15  
G25 = 1.13

\* WINDWARD WALL W/C P = 0.8  
COEFFICIENT OF INTERNAL PRESSURE OF 0.25  
P15 = 41(1.15)(0.8) = 41(0.25) = 27.5 PSF  
P25 = 29.13 PSF

\* LEeward WALL W/C P = -0.5  
P15 = 41(1.15)(-0.5) = -41(0.25) = -33.62 PSF  
P25 = -35.77 PSF

3-25-00  
3-10-00



ZVONIMIR T. BELFRANIN P.E.  
4530 SW 74TH COURT  
JANINE, FL 33551-33155  
(305) 999-0255  
FAX (305) 999-1073

JOB DOMINION IND. POLYLOGS  
sheet no. 2 of  
calc. by MM 01/07/14-99  
checked by ZTB Date

\*WINDWARD ROOF W/ CP = -0.75  
P15 = 41(1.15)(-0.75) = -45.6 PSF  
P25 = -49.8 PSF

NET UPLIFT = -41.0 PSF (15)  
-45.0 PSF (25)

@ OPEN STRUCTURES W/ CP = -1.55  
P15 = 41(1.15)(-1.55) = -73.0 PSF  
P25 = -79 PSF

NET UPLIFT = -68.0 PSF (15)  
-74.0 PSF (25)

SAT CONGM - Continuous Beam Analysis and Design  
Version 1.15 - 03/20/77 - C&J  
Copyright (C) 1985, Structural Analysis, Inc.  
Black River, FL 33422 (850) 922-0507

Z.T. BELFRANIN CONSULTING ENGINEERS

Input data file: DOMSLAB  
DATE: 3-21-2000 TIME: 19:55

PROJECT: DOMINION GROUND FLOOR ONE WAY SLAB DESIGN

\*\*\*BASIC DATA\*\*\*  
CODE PIN ALT SWAY LAST MOMENT  
NO NO NO YES YES

TYPE BMS TCOL BCOL FC FY GAM FY PCT  
1 5 0 0.3 0.00 150.00 273.9

\*\*\*SPAN DATA\*\*\*  
BM SPAN B D BLFT BRT WLD  
2 18.0 12.0 6.0 0 0 0  
3 15.0 12.0 6.0 0 0 0  
4 15.0 12.0 6.0 0 0 0

\*\*\*UNIF. LOADS\*\*\*  
BM TYPE LOAD START END WIDTH  
2 DL 25.0 0 15.0 1.0  
3 DL 25.0 0 15.0 1.0  
4 DL 25.0 0 15.0 1.0  
3 LL 40.0 0 15.0 1.0  
4 LL 40.0 0 15.0 1.0

\*\*\*CONC. LOADS\*\*\*  
BM TYPE P LOC  
2 DL 0 0

\*\*\*EFFECTIVE COVER\*\*\*  
BM LEFT MID RIGHT  
2 1.50 1.50 1.50  
3 1.50 1.50 1.50  
4 1.50 1.50 1.50

\*\*\*MOMENT ENVELOPE & SHEARS @ 1/10TH POINTS\*\*\*  
POINT: 0 1 2 3 4 5 6 7 8 9 10

*Design of concrete  
Grade Beams*

BEAM NO. 2:  
MT: 0 1.5 2.3 3.2 3.4 3.2 2.6 1.8 2 -1.1 -2.5  
MB: 0 9 1.6 1.6 2.1 2.0 1.6 1.0 0 -1.6 -3.8  
V: 1.0 8 5 3 0 2 3 6 1.0 1.3 1.5

BEAM NO. 3:  
MT: -2.5 -1.4 -6 -0 3 5 5 0 -4 -1.2 -2.2  
MB: -3.8 -2.3 -1.1 -3 3 5 4 0 -6 -1.6 -3.0  
V: 1.1 9 7 5 3 0 2 4 6 6 0

BEAM NO. 4:  
MT: -2.2 -1.0 -1 1.2 2.0 2.4 2.6 2.4 1.9 1.1 0  
MB: -3.0 -1.3 0 3 1.4 1.7 1.8 1.7 1.4 0 0  
V: 1.2 1.0 8 6 4 2 0 2 4 6 0

\*\*\*REACTIONS\*\*\*

COL R DT  
1 1.0 83  
2 2.8 87  
3 2.2 71  
4 9 71

\*\*\*DEFLECTIONS\*\*\*

BM DEFL  
2 .18  
3 .02  
4 .12

\*\*\*DESIGN MOMENTS\*\*\*

M-LEFT M-MID M-RITE

BEAM NO. 2:  
GR WNG .00 3.38 -3.83  
GR WNG .00 .06 -2.48  
COMB ULT .00 5.13 -5.76  
COMB ULT .00 .06 -3.48

BEAM NO. 3:  
GR WNG -3.83 53 -2.98  
GR WNG -2.46 -1.14 -2.19  
COMB ULT -5.76 .76 -4.41  
COMB ULT -3.48 -1.75 -3.07

BEAM NO. 4:  
GR WNG -2.98 2.56 .00  
GR WNG -2.19 .06 .00  
COMB ULT -4.41 3.85 .00  
COMB ULT -3.07 .07 .00

\*\*\*REINFORCING STEEL\*\*\*

BM ASL UL REVL ASM UM REVM ASR UR RBVR DL DM DR ASMIN

00281

2 .00 .00 .00 27.00 30.00 4.5 4.5 .13  
 3 .30 .30 .00 04.00 08.00 4.5 4.5 .13  
 4 .23 .23 .00 20.00 20.00 4.5 4.5 .13

End of CONEM

Elapsed Time: 0 min 0 sec

#510" bot.  
 #512" top  
 #512" bot.

SAT CONEM - Continuous Beam Analysis and Design  
 Version 1.12 - 03/30/97 - C4.0  
 Copyright (C) 1998, Structural Analysis, Inc.  
 Boca Raton, FL 33432 (305) 392-0987

Z.T. BELFRAN CONSULTING ENGINEERS

Input data filename: conem  
 DATE: 3-21-2000 TIME: 19:55:41

PROJECT: DAMIAN INTERIOR GRADE BEAMS

BASIC DATA  
 ACCUR. PIN ALT. SWAY LAST MOPPED  
 NO NO NO YES YES  
 TYPE BMS TOOL BOOL FC PY G/M FV FCT  
 3 6 .0 0.3 0.60 150.60 273.9

SPAN DATA  
 BM SPAN B D BEF BRT WLD  
 2 16.5 14.0 24.0 0 0 0  
 3 16.5 14.0 24.0 0 0 0  
 4 16.5 14.0 24.0 0 0 0  
 5 16.5 14.0 24.0 0 0 0

UNIF. LOADS  
 BM TYPE LOAD START END WIDTH  
 2 DL 1550.0 0 16.5 1.0  
 3 CL 1500.0 0 16.5 1.0  
 4 DL 1550.0 0 16.5 1.0  
 5 DL 1550.0 0 16.5 1.0  
 2 LL 600.0 0 16.5 1.0  
 3 LL 600.0 0 16.5 1.0  
 4 LL 600.0 0 16.5 1.0  
 5 LL 600.0 0 16.5 1.0

CONC. LOADS  
 BM TYPE P LOC  
 2 DL 0 0

EFFECTIVE COVER  
 BM LEFT MID RIGHT  
 2 4.00 4.00 4.00  
 3 1.00 4.00 4.00  
 4 4.00 4.00 4.00  
 5 4.00 4.00 4.00

MOMENT ENVELOPE & SHEARS @ 1/10TH POINTS

POINT: 0 1 2 3 4 5 6 7 8 9 10

BEAM NO. 2:  
 MT: 0 23.5 40.2 50.0 52.5 49.0 38.2 20.0 -3.0 -26.6 -55.4  
 MB: 0 17.7 30.3 37.7 39.9 35.9 25.8 10.5 -3.9 -35.3 -73.5  
 V: 12.1 12.1 6.0 3.9 3 4.5 8.6 12.8 16.9 21.0 21.0

BEAM NO. 3:  
 MT: -55.4 -30.3 -10.3 5.9 16.6 24.5 23.5 15.7 1.0 -15.5 -38.9  
 MB: -73.5 -40.2 -13.7 4.4 14.0 16.5 17.7 11.8 7 -20.6 -49.0  
 V: 18.1 18.1 14.0 9.8 5.6 1.5 2.7 6.8 11.0 15.1 15.1

BEAM NO. 4:  
 MT: -38.9 -15.5 1.0 15.7 23.5 24.5 16.6 5.9 -10.3 -30.3 -55.4  
 MB: -49.0 -20.6 7 11.8 17.7 18.7 14.0 4.4 -13.7 -40.2 -73.5  
 V: 15.1 15.1 11.0 6.0 2.7 1.5 5.6 9.8 14.0 18.1 12.1

BEAM NO. 5:  
 MT: -55.4 -38.9 -3.0 20.0 35.2 49.0 52.9 50.0 40.2 21.5 0  
 MB: -73.5 -35.3 -3.9 15.5 28.8 36.9 39.9 37.7 30.3 17.7 0  
 V: 21.0 21.0 16.9 12.8 9.5 4.5 3 3.9 8.0 12.1 12.1

REACTIONS  
 COL R DIT  
 1 16.3 75  
 2 47.5 75  
 3 38.6 75  
 4 47.5 75  
 5 16.3 75

DEFLECTIONS  
 BM DEFL.  
 2 .04  
 3 .01  
 4 .01  
 5 .04

DESIGN MOMENTS  
 M-LEFT M-MID M-RITE

BEAM NO. 2:  
 GR VMC .00 22.93 73.51  
 GR VMS .00 -3.82 -56.62  
 COMB ULT .00 78.00 -108.34  
 COMB ULT .00 -5.78 -77.59

BEAM NO. 3:  
 GR VMC 73.51 24.50 -46.00  
 GR VMS -35.42 -13.72 -36.85  
 COMB ULT -108.34 35.11 -72.22

COMB ULT -77.59 -20.22 -51.73  
BEAM NO. 4  
GR WKS -48.00 24.50 -73.51  
GR WKS -36.85 -13.72 -53.42  
COMB ULT -72.22 36.11 -128.34  
COMB ULT -51.73 -20.22 -77.59

BEAM NO. 5  
GR WKS -73.21 52.83 .00  
GR WKS -55.42 -3.82 .00  
COMB ULT -108.34 78.00 .00  
COMB ULT -77.59 -5.78 .00

\*\*\* SHEAR ANALYSIS \*\*\*  
BM END VU VUS VC VALUET S-MAX  
2 L 17.9 75.1102.5 85.710.0  
2 R 31.0 130.3 109.5 85.710.0  
3 L 22.3 82.5 109.5 85.710.0  
3 R 22.3 82.5 109.5 85.710.0  
4 L 22.3 82.5 109.5 85.710.0  
4 R 22.3 82.5 109.5 85.710.0  
5 L 31.0 130.3 109.5 85.710.0  
5 R 17.9 75.1102.5 85.710.0

\*\*\* REINFORCING STEEL \*\*\*  
BM ASL CL REIN ASM CM BEAM ASR CR REIN DL DM DR  
2 20 00 00 16 00 00 20 20 0 20 0 20 0  
3 1 27 00 00 14 00 30 00 00 20 0 20 0 20 0  
4 50 00 00 14 00 30 00 00 20 0 20 0 20 0  
5 1 27 00 00 14 00 30 00 00 20 0 20 0 20 0

END OF COMB

Elapsed Time 0 min 0 sec

SAL CONBM - Continuous Beam Analysis and Design  
Version 1.15 - 03/0077 - C4.0  
Copyright (C) 1989, Structural Analysis, Inc.  
Boca Raton FL 33432 (305) 962-6597  
Z.T. BELFRANN CONSULTING ENGINEERS

Input data filename: DOGB1  
DATE: 3-21-2000 TIME: 18:16:48

PROJECT: DOMINION IND. HOLDINGS DESIGN OF GRADE BEAMS GB-1 AND GB-2

\*\*\* BASIC DATA \*\*\*  
CODE PINALTY SWAY LAST MOMENT  
NO NO NO NO YES YES  
TYPE BMS TOOL BCOL PC FY CAM FV FCT  
3 10 0 0.3 0.0 60 150 60 273.9

\*\*\* SPAN DATA \*\*\*  
BM SPAN B D BLFT BRT WLD  
2 12.0 14.0 24.0 0 0 0  
3 12.0 14.0 24.0 0 0 0  
4 12.0 12.0 24.0 0 0 0  
5 12.0 12.0 24.0 0 0 0  
6 12.0 12.0 24.0 0 0 0  
7 12.0 12.0 24.0 0 0 0  
8 12.0 12.0 24.0 0 0 0  
9 12.0 12.0 24.0 0 0 0

\*\*\* UNIF. LOADS \*\*\*  
BM TYPE LOAD START END WIDTH  
2 DL 300.0 0 12.0 1.0  
3 DL 300.0 0 12.0 1.0  
2 LL 480.0 0 12.0 1.0  
3 LL 480.0 0 12.0 1.0  
4 DL 1950.0 0 12.0 1.0  
5 DL 1250.0 0 12.0 1.0  
6 DL 1950.0 0 12.0 1.0  
7 DL 1950.0 0 12.0 1.0  
8 DL 1950.0 0 12.0 1.0  
9 DL 1950.0 0 12.0 1.0  
4 LL 880.0 0 12.0 1.0  
5 LL 880.0 0 12.0 1.0  
6 LL 880.0 0 12.0 1.0  
7 LL 880.0 0 12.0 1.0  
8 LL 880.0 0 12.0 1.0  
9 LL 880.0 0 12.0 1.0

\*\*\* CONC. LOADS \*\*\*

BM TYPE P LOC  
4 DL 11.0 3.0  
4 LL 3.0 0

\*\*\* EFFECTIVE COVER \*\*\*  
BSM LEFT AND RIGHT  
2 4.00 4.00 4.00  
3 4.00 4.00 4.00  
4 4.00 4.23 4.00  
5 4.00 4.00 4.00  
6 4.00 4.00 4.00  
7 4.00 4.00 4.00  
8 4.00 4.00 4.00  
9 4.00 4.00 4.00

\*\*\* MOMENT ENVELOPE & SHEARS @ 1/10TH POINTS \*\*\*

POINT: 0 1 2 3 4 5 6 7 8 9 10

BEAM NO. 2  
MT: 0 8.6 14.9 18.8 20.4 19.5 18.4 11.0 3.1 -4.1 -12.8  
MB: 0 8.2 10.7 13.5 14.7 14.3 12.2 6.4 3.0 -7.0 -19.5  
V: 5.4 5.4 4.2 2.3 0 1.0 3.8 5.5 7.5 8.7 8.7

BEAM NO. 3  
MT: -12.8 7.3 -3.3 -8 8 -0 -3.2 -8.4 -14.4 -22.1 -31.4  
MB: -19.5 -10.9 -4.7 -1.0 -4 -1.4 -4.1 -8.7 -16.5 -26.7 -38.2  
V: 5.4 5.4 4.2 2.3 0 1.0 3.8 5.5 7.5 8.7 8.7

BEAM NO. 4  
MT: -31.4 -8.7 16.2 30.3 32.8 31.0 24.6 15.8 -1.1 -16.2 -34.6  
MB: -38.2 -8.2 14.6 26.0 27.1 24.9 19.5 10.8 -1.5 -21.3 -45.8  
V: 21.5 21.5 19.4 4.0 5 3.4 7.2 10.8 14.6 16.9 16.9

BEAM NO. 5  
MT: -34.6 -12.0 -6.7 4.8 12.4 15.7 14.5 8.9 -5 -11.2 -24.8  
MB: -45.6 -24.4 -7.6 2.3 8.2 10.8 10.1 6.3 -1.2 -15.8 -34.9  
V: 14.4 14.4 12.1 8.4 4.6 9 2.8 6.6 10.3 12.6 12.6

BEAM NO. 6  
MT: -24.8 -10.5 4 11.0 17.3 19.2 18.5 9.5 -1.5 -15.2 -28.1  
MB: -34.9 -15.1 2 8.2 12.8 14.1 12.1 8.9 -2.1 -18.1 -33.8  
V: 13.2 13.2 10.9 7.2 3.4 3 4.0 7.8 11.5 13.8 13.8

BEAM NO. 7  
MT: -28.1 -13.2 -1.5 9.6 16.8 19.4 17.6 11.3 3 -10.0 -24.5  
MB: -36.6 -10.1 -2.0 6.9 12.1 14.0 12.7 8.2 4 -14.7 -34.5  
V: 13.8 13.8 11.5 7.5 4.1 3 3.4 7.1 10.8 13.1 13.1

BEAM NO. 8  
MT: -24.9 -11.3 -9 8.7 14.1 15.1 11.5 3.5 -6.5 -18.2 -34.3  
MB: -34.5 -15.8 -1.2 8.3 10.2 10.9 8.3 2.8 -9.5 -25.9 -47.4  
V: 12.4 12.4 10.1 3.4 2.7 5.1 4.9 8.5 12.3 14.5 14.5

000000

BEAM NO. 2  
 177: -34.3 -16.3 -1.5 13.9 25.3 32.3 34.8 32.6 28.4 15.4 0  
 ME: -47.4 -22.5 -2.1 10.0 18.3 23.4 25.2 23.7 18.1 11.2 0  
 V: 17.4 17.4 15.1 11.4 7.7 5.9 2 3.5 2 9.5 9.5

---REACTIONS---

COL R DIT  
 1 8.2 71  
 2 19.5 71  
 3 42.1 72  
 4 41.6 74  
 5 36.1 72  
 6 38.0 72  
 7 35.9 72  
 8 42.3 72  
 9 14.7 72

---DEFLECTIONS---

BM DEFL  
 2 .00  
 3 -.00  
 4 .01  
 5 .00  
 6 .00  
 7 .00  
 8 .00  
 9 .00

---DESIGN MOMENTS---

M-LEFT M-MID M-RITE

BEAM NO. 2:  
 GR WKG .00 20.35 -19.54  
 GR WKG .00 2.87 -12.85  
 COMB ULT .00 30.18 -30.38  
 COMB ULT .00 4.15 -17.99

BEAM NO. 3:  
 GR WKG -18.54 .76 -39.21  
 GR WKG -12.85 -18.50 -31.35  
 COMB ULT -29.39 1.29 -57.24  
 COMB ULT -17.99 -23.71 -41.94

BEAM NO. 4:  
 GR WKG -39.18 32.87 -45.62  
 GR WKG -31.36 -1.54 -34.81  
 COMB ULT -57.19 47.75 -67.16  
 COMB ULT -43.81 -2.29 -49.45

BEAM NO. 5:  
 GR WKG -45.91 15.72 -34.82  
 GR WKG -34.60 -7.84 -24.83

COMB ULT -47.15 23.48 -51.82  
 COMB ULT -46.46 -10.87 -34.77

BEAM NO. 6:  
 GR WKG -34.82 19.21 -28.83  
 GR WKG -34.83 -2.08 -38.08  
 COMB ULT -51.85 28.43 -57.25  
 COMB ULT -34.77 -3.06 -38.29

BEAM NO. 7:  
 GR WKG -38.83 19.43 -31.47  
 GR WKG -38.97 -1.97 -34.91  
 COMB ULT -47.28 28.82 -51.13  
 COMB ULT -36.29 -2.90 -34.87

BEAM NO. 8:  
 GR WKG -34.49 15.08 -47.28  
 GR WKG -34.82 -4.98 -34.27  
 COMB ULT -51.16 22.52 -70.23  
 COMB ULT -34.89 -13.28 -47.36

BEAM NO. 9:  
 GR WKG -47.35 34.20 .00  
 GR WKG -34.27 -2.76 .00  
 COMB ULT -70.23 51.80 .00  
 COMB ULT -47.88 -3.03 .00

---SHEAR ANALYSIS---

BM END VU VUS VC VAULTS-MAX

2 L 8.1 33.8 108.5 0 0  
 3 R 13.0 34.3 108.5 0 0  
 3 L 8.2 34.4 108.5 0 0  
 3 R 12.8 33.8 108.5 0 0  
 4 L 31.3 153.8 108.5 100.0 10.0  
 4 R 24.9 121.9 108.5 100.0 10.0  
 5 L 21.3 104.2 108.5 100.0 10.0  
 5 R 16.7 91.7 108.5 100.0 10.0  
 6 L 18.5 88.8 108.5 100.0 10.0  
 6 R 20.4 105.1 108.5 100.0 10.0  
 7 L 20.5 103.5 108.5 100.0 10.0  
 7 R 15.8 89.5 108.5 100.0 10.0  
 8 L 18.4 80.2 108.5 100.0 10.0  
 8 R 21.8 126.8 108.5 100.0 10.0  
 9 L 23.4 126.7 108.5 100.0 10.0  
 9 R 14.1 99.3 108.5 100.0 10.0

$V_c = 2\sqrt{f'_c} (14)(20)/100$   
 $= 30.7k$   
 $d/L = 10"$   
 $\#3 @ 12" o.c.$

---REINFORCING STEEL---

BM ASL CL REVL ASM CM REVM ASR CR REVR DL DM DR  
 2 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 3 .44 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 4 .50 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 5 .80 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 6 .78 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 7 .80 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 8 .78 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00  
 9 .61 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00

End of CONBM

Elapsed Time: 0 min 0 sec

00

000284

ZVONIMIR T. BELFRANIN, P.E.  
4836 SW 74 Court  
MIAMI, FLORIDA 33155  
(305) 669-0255  
FAX (305) 669-1073

DESIGN NO. 14  
CALCULATED BY M.M. DATE 3-2000  
CHECKED BY  DATE

Design one way single span @ deck,

$$W_{tot. ult.} = \left[ \frac{6}{16} (0.15) + 0.025 \right] (1.4) + 0.06 (1.7) = 0.242 \text{ K/ft}$$

$$\text{Span} = 15'6" \quad d = 4\frac{1}{2}"$$

$$(4)M = 0.242 (15.5)^2 / 8 = 7.26 \text{ K-FT/ft}$$

$$W/\#5 @ 9" \text{ BOT.}$$

$$\phi M_n = 7.19 \text{ K-FT/ft N.G.}$$

$$W/\#5 @ 8" \text{ BOT.}$$

$$\phi M_n = 8.06 \text{ K-FT/ft O.K.}$$

$$= 4\#5 @ 8" \text{ BOT.}$$

ZVONIMIR T. BELFRANIN, P.E.  
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MIAMI, FLORIDA 33155  
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DESIGN NO. 15  
CALCULATED BY M.M. DATE 3-2000  
CHECKED BY  DATE

14'6" single span

$$W_{tot. ult.} = 0.242 \text{ K/ft}$$

$$(4)M = 0.242 (14.5)^2 / 8 = 6.42 \text{ K-FT/ft}$$

$$W/\#5 @ 10" \quad d = 4\frac{1}{2}"$$

$$\phi M_n = 6.54 \text{ K-FT/ft}$$

$$= 4\#5 @ 10" \text{ BOT.}$$

ZVONIMIR T. BELFRANIN, P.E.  
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MIAMI, FLORIDA 33155  
(305) 669-0255  
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DESIGN NO. 16  
CALCULATED BY M.M. DATE 3-2000  
CHECKED BY  DATE

Design of conc. beams,

Beam B5-1 16" x 36"

$$W_{tot. ult.} = 0.086 (4\frac{1}{2}) + \frac{16(36)}{144} (0.15) (1.4) = 2.82 \text{ K/ft}$$

CONT. span max. 9'0"

$$A_s \text{ min} = 0.0033 (16) (33.5) = 1.81 \text{ in}^2$$

3 #7 BOT.

3 #5 TOP

4 #3 @ 17" max. c/c

B5-2 16" x 27" min. arch beam

max. CONT. span = 9'6"

$$A_s \text{ min} = 0.0033 (16) (24.5) = 1.23 \text{ in}^2$$

@ mid span

3 #7 BOT.

3 #5 TOP

4 #3 @ 17" max. c/c

4 #3 @ 17" max. c/c

00285



ZVONIMIR T. BELFRANIN, P.E.  
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MIAMI, FLORIDA 33155  
(305) 669-2025  
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DATE: 12-2000  
CALCULATED BY: [Signature]  
CHECKED BY: [Signature]  
SCALE: [Blank]

Roof Diaphragm action.

$$SP = 27.5 + 33.8 = 61.3 \text{ PSF}$$

width exposed to wind = 63'

length of walls resist wind = 62'

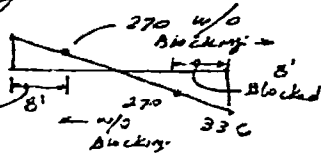
Wind shear due to  
wind =  $61.3 \text{ (psf)} (63) / 62$   
= 336 PLF

5/8" Plywood + 10d nails c.f.o.c.

+ 2x6 blocking  
shear cap. = 425 PLF

Per APA design guide.

2.14/4 = 336  
= provided blocking  
Per N' code  
End.



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FAX (305) 669-1073

DATE: 12-2000  
CALCULATED BY: [Signature]  
CHECKED BY: [Signature]  
SCALE: [Blank]

Check Torsion of exterior grade beams  
G0-1 or G0-2

$$W_{DL} = 0.086(13) \\ W_{LL} = 0.07(10)(1.4) \\ = 2.1 \text{ K/ft}$$

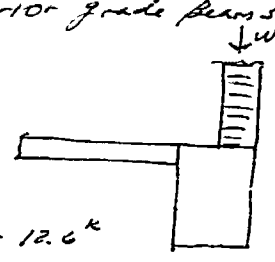
$$R_{DL} = 2.1 \left( \frac{1}{2} \right) = 1.05 \text{ K}$$

$$e = \frac{1}{2} - \frac{3}{2} = -1 \text{ ft} \\ T_0 = 1.05 \left( \frac{3}{2} \right) = 3.15 \text{ K-ft}$$

$$T_c = \frac{0.8 \sqrt{2000} (4704) \frac{1}{18000}}{\sqrt{1 + \left( \frac{0.4(1.05)}{0.064(2.15)(10)} \right)^2}}$$

$$= 7.43 \text{ K-ft}$$

> 3.15 K-ft  
add 4% torsional req.  
= NOT right.



$$x^2 = 4704 \\ x = 68.6 \text{ ft} \\ c_f = \frac{1.8(31.5)}{4704} \\ = 0.004$$

Masonry Wall Design

Description: DOMINION 8" BEARING WALL DESIGN - 27.5 X 1.4 = 27.3 X 25 = 45 PSF WALL PRESSURE COMPONENT AND CLAD. EXP. "C"

General Information

|                |                   |                  |        |                     |              |
|----------------|-------------------|------------------|--------|---------------------|--------------|
| Wall Height    | 10.00 ft          | Seismic Factor   | 0.001  | Wind                | 1,500.0 psf  |
| Parapet Height | 0.00 ft           | Calc of Em + Em  | 750.00 | Em                  | 24,000.0 psf |
| Thickness      | 8.0 in            | Curvature Factor | 1.330  | Seismic Inertia     | 0.000        |
| Rebar Size     | 5                 | Wall VMI Mod.    | 1.000  | Ground @ Rebar Only | 0.000        |
| Rebar Spacing  | 32 in             |                  |        | Normal Weight Block | Equivalent   |
| Depth to Rebar | 3.610 in @ Center |                  |        | Solid Thickness     | 4.900 in     |

Design Values

|                   |             |                       |           |           |            |
|-------------------|-------------|-----------------------|-----------|-----------|------------|
| Uniform Load      | 500.000 psf | Concentric Axial Load | 0.000 psf | Wind Load | 45,000 psf |
| Dead Load         | 600.000 psf | Dead Load             | 0.000 psf | Live Load | 0.000 psf  |
| Live Load         | 600.000 psf | Live Load             | 0.000 psf | Roof Load | 0.000 psf  |
| Load Eccentricity | 2.400 in    |                       |           |           |            |
| Roof Load         |             |                       |           |           |            |

Design Values

|                              |  |                    |                         |    |         |   |         |
|------------------------------|--|--------------------|-------------------------|----|---------|---|---------|
| E                            | 1,125,000 psi  | Rebar Area         | 0.116 sq in             | Re | 0.00554 | 1 | 0.00000 |
| n                            | 25.778   | Radius of Gyration | 2.487 in                | k  | 0.30240 | 2 | 7.35512 |
| Wall Weight                  | 58,000 psf   | Moment of Inertia  | 363,000 in <sup>4</sup> |    |         |   |         |
| Max Allow Axial Stress       | 0.25 f <sub>m</sub> (1-(2/40)(2) = 0.15 f <sub>m</sub> |                    |                         |    |         |   |         |
| Allow Masonry Bending Stress | 0.33 f <sub>m</sub> = 0.33(1500) = 495.00 psi          |                    |                         |    |         |   |         |
| Allow Steel Bending Stress   | 24,000.00 psi  |                    |                         |    |         |   |         |

Load Combination & Stress Details Summary

| Top of Wall                | Moment  | Load    | Bending Stresses | Steel | Masonry | Compressive | Rebar  |
|----------------------------|---------|---------|------------------|-------|---------|-------------|--------|
| DL + LL                    | 2,200.0 | 1,100.0 | 5,523.9          | 32.9  | 18.71   | 0.844       | 0.844  |
| DL + LL + Wind             | 1,000.0 | 500.0   | 2,510.9          | 42.2  | 8.50    | 0.1110      | 0.1110 |
| DL + LL + Seismic          | 1,000.0 | 500.0   | 2,510.9          | 42.2  | 8.50    | 0.1110      | 0.1110 |
| Between Base & Top of Wall |         |         |                  |       |         |             |        |
| DL + LL                    | 1,100.0 | 1,200.0 | 2,762.0          | 46.4  | 23.64   | 0.1854      | 0.1854 |
| DL + LL + Wind             | 7,250.2 | 700.0   | 18,227.0         | 306.5 | 13.44   | 0.7896      | 0.7896 |
| DL + LL + Seismic          | 1,000.0 | 700.0   | 2,510.9          | 42.2  | 13.44   | 0.1283      | 0.1283 |

Summary

10.00' high wall with 0.001 parapet, Nominal Brick w/ 8" (8in) wall w/ #5 bars at 32" O.C. at center

Governing Load Combination is: Dead + Live + Wind Between Top & Bottom

Masonry Bending Stress: 18,226.52 psi

Steel Bending Stress: 18,226.52 psi

Masonry Axial Stress: 13.44 psi

Combined Stress Ratio: 0.7593 < 1.3300 (Allowable)

Title : \_\_\_\_\_ Date: \_\_\_\_\_ Job # \_\_\_\_\_  
 Degree: \_\_\_\_\_  
 Description: \_\_\_\_\_  
 Scope: \_\_\_\_\_

Activity Number: EMS0000285  
Site Address: 94 PALM AV MBCH

BULFRAM 83109/2000 APPROVED 1. provide permitted sets to complete revision with  
APPROVED 2. it appears that the original permit was for foundation only under 109002670, and does not appear to be  
APPROVED 3. provide complete set of computation for all structural members  
APPROVED 4. provide special inspector form as required by spec.  
3/28/2000  
- provide calc. for RB  
- identify plastic zone  
- provide calc. of welds  
- only 21.2 kN/m has been submitted previously  
- 4 months for existing column to be removed, quality check that will not affect structural integrity of the structure

000287

PERMIT #

30101773

**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139  
Receipt of Payment

**New Addition/Remodel**

Activity Number: 80101773  
Status: APPROVED

Date Applied: 02/20/2001  
Date Issued: 02/27/2001  
Date Expired: 06/02/2001  
Entered By: BULHERC

Address: 94 PALM AV MIAMI  
Parcel #: 428500000330

Balance Due: \$0.00  
Valued: \$300,000.00

Owner: DOMINION INDUSTRIAL HOLDINGS LTD  
PO BOX 10456  
MIAMI FL 33145  
305-444-2340

Applicant: GOMEZ RAFAEL B  
3360 CORAL WAY  
MIAMI FL 33145  
305-444-2340

Description: NEW TWO STORY 4,500 SQ FT SINGLE FAMILY HOME

Payments made for this receipt:

Payment Method Description Amount  
Payment Check 4449 1,624.10

Payment Date: 02/27/2001 12:48 AM Accepted By: CH

Total Payment: 1,624.10

Current Payment Made to the Following Items:

Account Summary for Fees and Payments:

| Account Code | Description           | Amount |
|--------------|-----------------------|--------|
| 011800032210 | Building Permit       | 585.00 |
| 011800032242 | Survey                | 100.00 |
| 011800032244 | File                  | 43.30  |
| 024800034129 | Sanitation Impact Fee | 900.00 |
| 021700022921 | ADDC Surcharge        | 45.00  |
| 021700022921 | SPC Compliance Fee    | 175.80 |
| 021700022925 | Trialance             | 45.00  |

Account Summary for Fees and Payments:

| Account Code | Description           | Tot. Fee | Paid   | Prv. Fee | Cur. Fee |
|--------------|-----------------------|----------|--------|----------|----------|
| 011800032210 | Building Permit       | 585.00   | 585.00 | 0.00     | 585.00   |
| 011800032242 | Survey                | 100.00   | 100.00 | 0.00     | 100.00   |
| 011800032244 | File                  | 43.30    | 43.30  | 0.00     | 43.30    |
| 024800034129 | Sanitation Impact Fee | 900.00   | 900.00 | 0.00     | 900.00   |
| 021700022921 | ADDC Surcharge        | 45.00    | 45.00  | 0.00     | 45.00    |
| 021700022925 | Trialance             | 45.00    | 45.00  | 0.00     | 45.00    |

**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139  
Receipt of Payment

**New Addition/Remodel**

Activity Number: 8000773  
Status: APPLIED

Date Applied: 02/20/2001  
Date Issued: 02/27/2001  
Date Expired: 06/02/2001  
Entered By: BULHERC

Address: 94 PALM AV MIAMI  
Parcel #: 428500000330

Balance Due: \$0.00  
Valued: \$300,000.00

Owner: DOMINION INDUSTRIAL HOLDINGS LTD  
PO BOX 10456  
MIAMI FL 33145  
305-444-2340

Applicant: GOMEZ RAFAEL B  
3360 CORAL WAY  
MIAMI FL 33145  
305-444-2340

Description: NEW TWO STORY 4,500 SQ FT SINGLE FAMILY HOME

Payments made for this receipt:

Payment Method Description Amount  
Payment Check 4449 1,624.10

Payment Date: 02/27/2001 12:48 AM Accepted By: CH

Total Payment: 1,624.10

Current Payment Made to the Following Items:

Account Summary for Fees and Payments:

| Account Code | Description           | Amount |
|--------------|-----------------------|--------|
| 011800032210 | Building Permit       | 585.00 |
| 011800032242 | Survey                | 100.00 |
| 011800032244 | File                  | 43.30  |
| 024800034129 | Sanitation Impact Fee | 900.00 |
| 021700022921 | ADDC Surcharge        | 45.00  |
| 021700022921 | SPC Compliance Fee    | 175.80 |
| 021700022925 | Trialance             | 45.00  |

Account Summary for Fees and Payments:

| Account Code | Description           | Tot. Fee | Paid   | Prv. Fee | Cur. Fee |
|--------------|-----------------------|----------|--------|----------|----------|
| 011800032210 | Building Permit       | 585.00   | 585.00 | 0.00     | 585.00   |
| 011800032242 | Survey                | 100.00   | 100.00 | 0.00     | 100.00   |
| 011800032244 | File                  | 43.30    | 43.30  | 0.00     | 43.30    |
| 024800034129 | Sanitation Impact Fee | 900.00   | 900.00 | 0.00     | 900.00   |
| 021700022921 | ADDC Surcharge        | 45.00    | 45.00  | 0.00     | 45.00    |
| 021700022925 | Trialance             | 45.00    | 45.00  | 0.00     | 45.00    |

**U.S. SOUTH**  
Engineering & Testing Lab., Inc.  
6085 N.W. 167th Street, Suite B-23 • Miami, Florida 33015  
Telephone: (305) 558-2588 • Fax: (305) 362-4669

**CHIEF BUILDING INSPECTOR**  
Dade County Building and Zoning Department  
Building Code Compliance Department  
111 Northwest 1 Street, Suite 1040  
Miami, Florida

**NOTICE TO BUILDING AND ZONING DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR**  
UNDER SECTION 160.5, SOUTH FLORIDA BUILDING CODE.

Dear Sir:

U.S. South Engineering and Testing Lab., Inc. has been retained by Mr. Jorge Hernandez, (the architect), to perform inspection services under Part II, Subchapter 160.5.1 of the South Florida Building Code for the Kravitz Residence located @ 130 South Hibiscus Island, Miami Beach, Florida as of January 20<sup>th</sup>, 2001.

| Inspector  | Date Inspected | Comments of Report | Inspector Signature  |
|--|----------------|--------------------|--|
| Kravitz Residence<br>130 South Hibiscus Island<br>Miami Beach, Florida |                |                    | U.S. SOUTH ENGINEERING<br>FOR FILE RECORDATIONS<br>SECTION 160.5.1 |

The following individuals employed by this firm are authorized to perform inspection services:

1. Cherna Khavria, P.E. 2. Marino E. Gray, P.E. 3. Emilio R. Perez, P.E.

U.S. South Engineering and Testing Lab., Inc. will notify Dade County Department of Regulation of any changes regarding authorized personnel performing inspection services.

I understand that a Special Inspection log for each building must be displayed in a conspicuous location on the site for reference by Dade County Department of Planning, Development & Regulation. All mandatory inspections, as required by the South Florida Building Code, shall be performed by the County when the Special Inspector is hired by the owner. The County building inspection must be called for on all mandatory inspections. Inspection performed by the Special Inspector hired by the Owner are in addition to the mandatory inspection performed by the Department. Further, upon completion of the work under each Building Permit I will submit the completed inspection log, form and Statement of Compliance to the Building Inspector, at the time of final inspection and before making application for Certificate of Occupancy. The Statement of Compliance shall state that, to the best of your knowledge, belief and professional judgment that these portions of the project conform with the intent of the South Florida Building Code and is substantial with the approved plans.

Sincerely,

*Cherna Khavria*  
(Sign, seal and date)  
Project No. 01-2343 1/2001

### Flood Program Legend

Special Flood Hazard Area - Outside Special Flood Hazard Area  
Residential

1. Repair, reconstruction and exterior repairs of combustion to DAMAGE from any source. MUST ATTACH  
combustion test report, but owner affidavit and an evaluation survey showing attaching to test report, owner affidavit,  
inspection of road condition.
2. Rebuilding, addition, alteration of combustion of combustion MUST ATTACH test report of combustion  
test report affidavit and an evaluation survey showing attaching to test report, owner affidavit and an evaluation  
survey.
- Process : \_\_\_\_\_ Folio : \_\_\_\_\_  
Lot 50437 Block 1 Plat Book 6 Page 54  
Address : 94 PALM AVENUE Nearest Cross/Road PLV.  
Highest Grade of Road above above was taken from a CONTIGUOUS  
survey prepared by \_\_\_\_\_ MS lies : \_\_\_\_\_  
Elevation \_\_\_\_\_  
Lowest Floor \_\_\_\_\_ Garage/Storage \_\_\_\_\_ Adjacent Grade \_\_\_\_\_  
Existing 8'-0" 5'-0" 5'-0"  
Proposed 9'-0" N/A 5'-0"

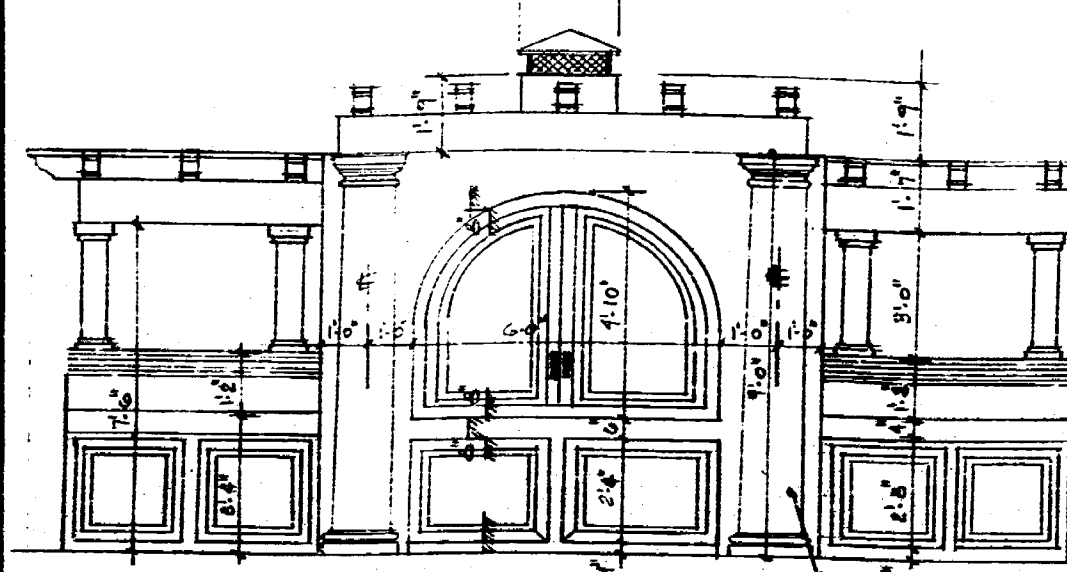
**File-Beam Elevation Certificate**, is required before making any inspection above lowest floor and a **Final Elevation Certificate** is required before issuance of certificate of occupancy or completion (Completion **HOLD 186**) (1163-3d3; Call 375-6685

O.S.F.H. (Outside Special Flood Hazard) All Electrical and Mechanical equipment must be located at or above the Required Lowest Floor Elevation. S.F.H. (Spr. at Flood Hazard) All Electrical and Mechanical equipment must be located at or above the Base Flood Elevation or Required Lowest Floor Elevation, whichever is higher.

**Lowest Floor** - Shall mean the lowest floor of the lowest enclosed area (including basement). An unfinished or flood-damaged entrance, usable for parking of vehicles, building access or storage in an area other than a basement area, is not considered a building's lowest floor; provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements in Sections 11C-3, 11C-4, 11C-5.

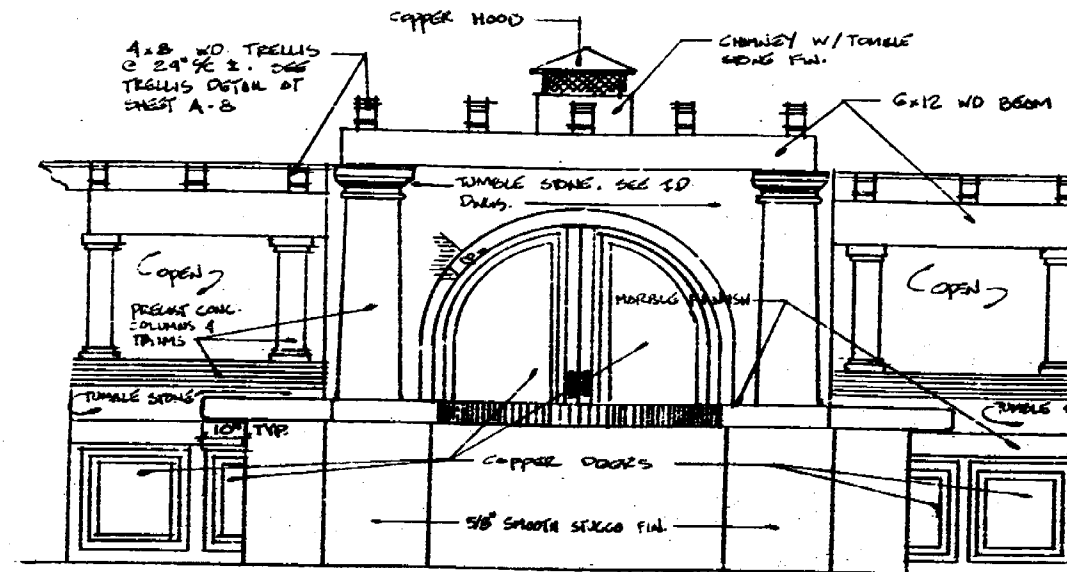
**Garage or Storage - (SFHA 11c-5-6):** Fully enclosed areas below the Base Flood Elevations shall be design to preclude finished living space, except allowable uses i.e., parking, storage rooms and building access and shall be designed to allow for the entry and exit of flood water to automatically released to dissipate flood forces on exterior walls. A wet surface portion of such enclosed area shall NOT be partitioned into rooms or spaces that contain materials only in separate rooms or enclosures. Design for complying with this requirement shall be prepared and stamped by a professional engineer or architect or meet the following criteria: (1) Provide a minimum of two (2) openings having a total area of no less than one (1) square inch for every square foot of enclosed area size. Bottom of all openings shall be no more higher than one (1) foot above grade.

Adjacent Grade 1102-Z - Shall mean the highest finished grade elevation of the ground surface next to the proposed walls of the structure. 1102-GG - Minimum finished grade shall mean the elevation established in Dade County Flood Criteria Map at a specific development site or cross of road elevation of an existing adjacent road, whichever is higher (or for a waiver must be obtain). Site grading must be provided in a manner as to retain stormwater run-off within site and prevent run-off into adjacent property as well as direct surface water run-off into lakes or canals.



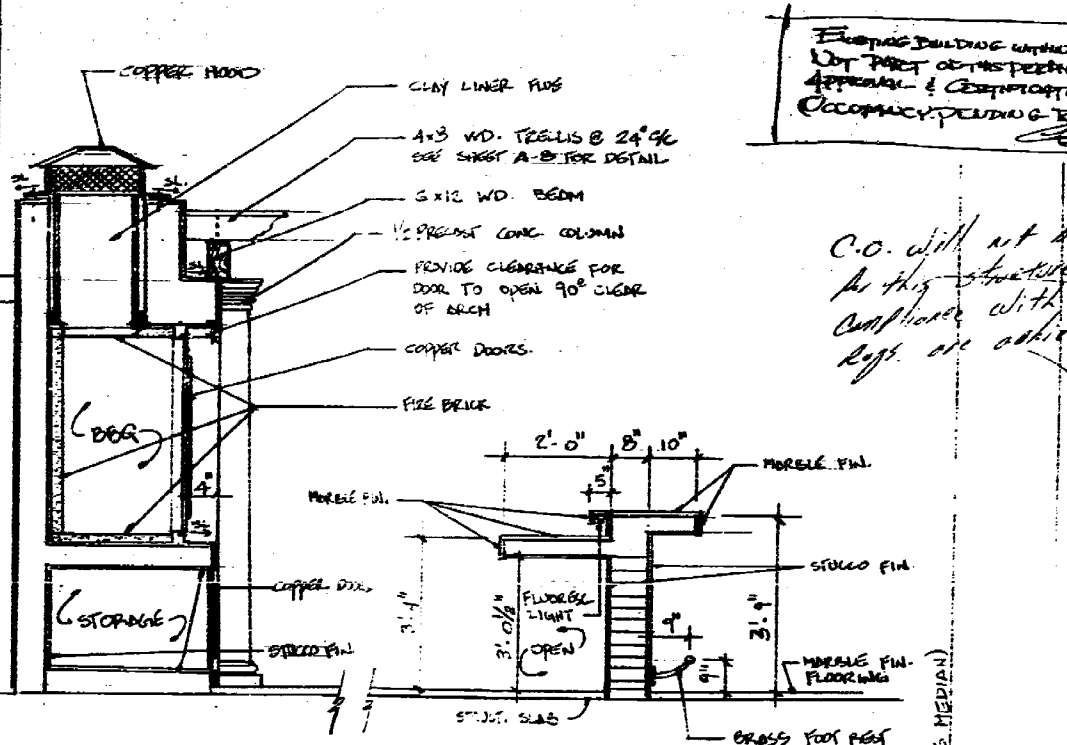
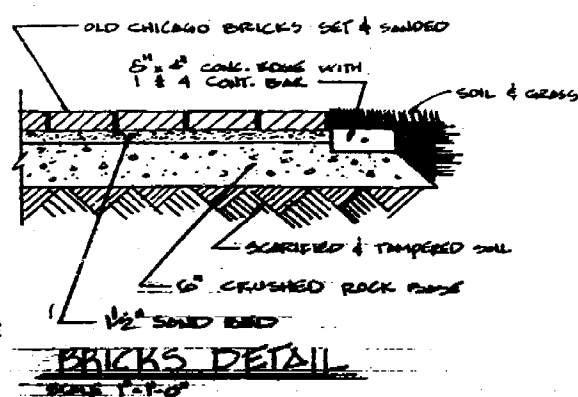
## BBQ ELEVATION

**ELEVATION 1/2"=1'-0"**



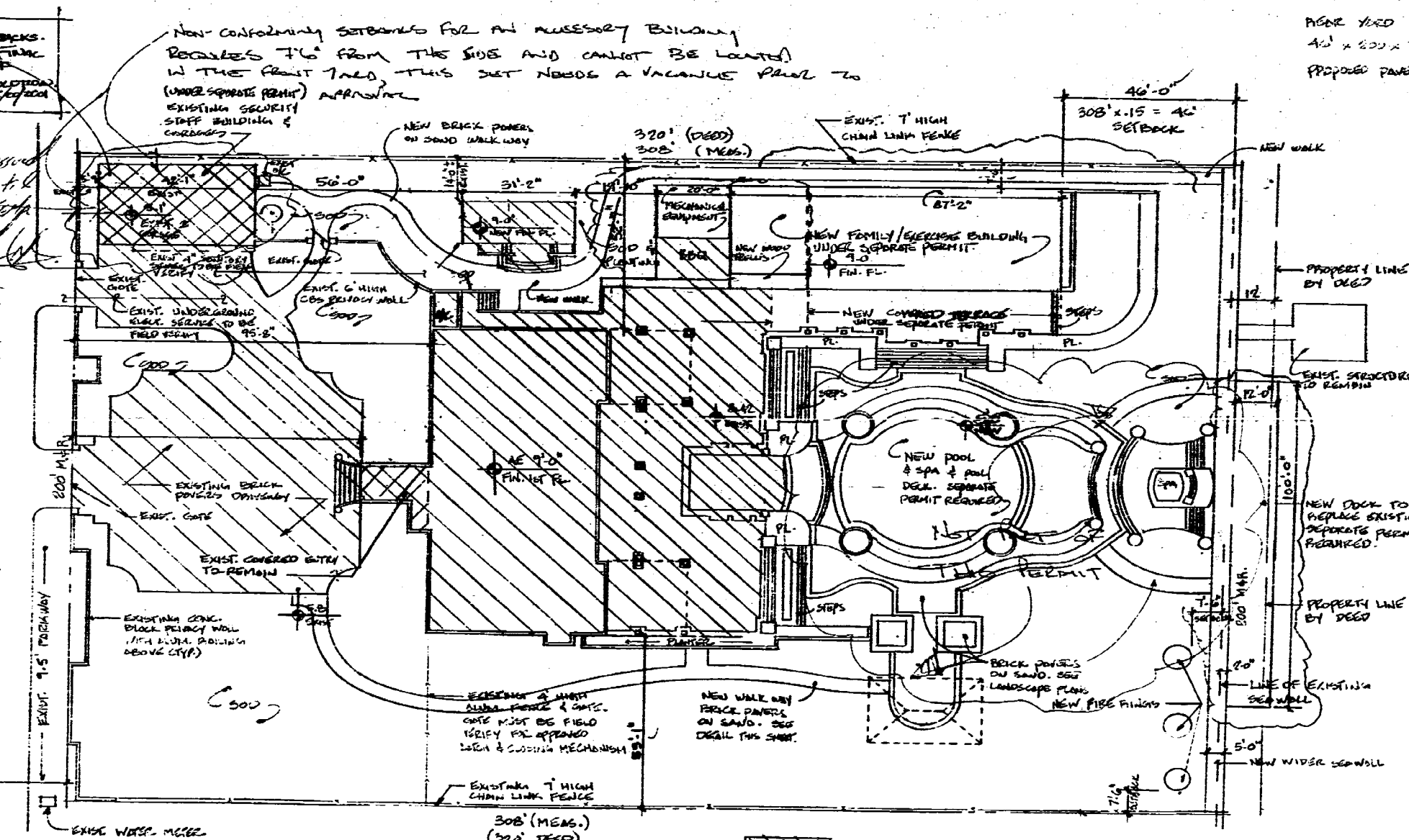
## BBQ ELEVATION

ELEVATION 1127-0






## BBQ SECTION

SCALE 1/2"=1'-0"

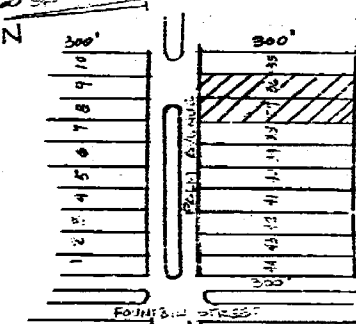


## SITE PLAN

SCALE 1"=20'-0"

 DENOTES NEW THIS PERMIT  
 DENOTES EXISTING  
 FIN. FLOOR ELEVATION

BASE FLOOD ELEVATION 9' AE  
COMMUNITY PANEL SUFFIX 120651-0191-J  
DATE OF FIRM 3/2/94



### LOCATION SKETCH

Scale 1" = 400.0'

|       | 50% BACK INFORMATION          |             |
|-------|-------------------------------|-------------|
|       | MAIN                          | AUXILIARY   |
| FRONT | 20°                           | NOT ALLOWED |
| REAR  | 15% LOT DEPTH<br>w/min. 20°   | 7'-6"       |
| SIDE  | 25% LOT WIDTH<br>w/min. 7'-6" | 7'-6"       |

SITE DATA

LOT SIZE = 64,000 SF  
LOT COVERAGE = (EIGHTY-FOUR THOUSAND)

|                           |          |
|---------------------------|----------|
| PROPERTY EXPENDITURE      | 109 SF   |
| MAINT'S EXPENDITURE       | 395 SF   |
| ENTERTAINMENT EXPENDITURE | 208 SF   |
| MAIN HOUSE                | 4550 SF  |
| COVERED AREAS             | 2102 SF  |
| TOTAL                     | 10153 SF |

### LEAD DESCRIPTION

LOTS 36 AND 37 IN BLOCK 1, OF PINE ISLAND  
ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT  
BOOK 10 AT PAGE 54 OF THE PUBLIC RECORDS OF  
DADE COUNTY, FLORIDA.

**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS** **PLANNERS**

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS

FEB 05 2004



SEE SHEET A-7 OF CEILING PERMIT SET FOR THIS AREA

WOOD TRELLIS ABOVE A/C EQUIPMENT

DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWING.

THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS NOTED ON THE PLANS PRIOR TO PROCEEDING WITH THE WORK.

ALL CARCASS SHALL BE "PROCA" RUSTY RIVET SEALANT, SC-150 OR EQUAL.

ALL EXPOSURE METAL CONNECTIONS, BOLTS, NUTS, WASHERS AND NAILS TO BE GALVANIZED.

ALL FINISHED ROOF SURFACES MUST BE EXPOSURE "1", 24 O.C. 5/8" THICKNESS. NAILS SHALL BE 8d, AND NAIL SPACING MUST BE 6" O.C. AT PARALLEL EDGES AND PERPENDICULAR SUPPORTS, BASED ON SUPPORT SPACING OF 24" O.C. NAIL SPACING MUST BE 4" O.C. AT GABLE ENDS, IN ALL CASES.

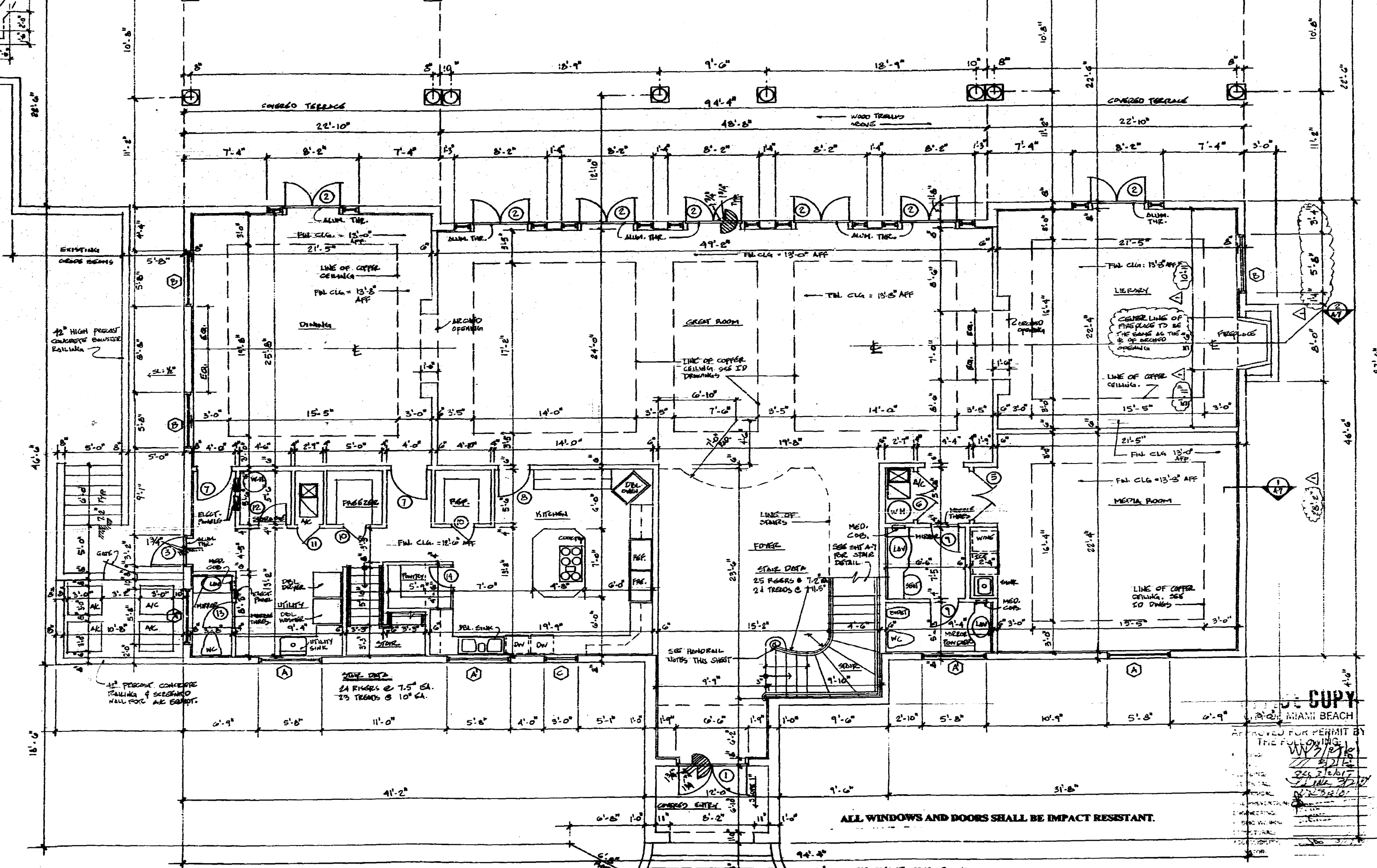
ROOF VENTILATION OPENING SHALL BE AS FOLLOWS: LINEAR FEET OF EXTERIOR WALL DIVIDED BY 150 SQUARE FEET OF VENTILATION REQUIRED. WHEN PRACTICABLE, THEY SHALL BE ARRANGED ON ALL SIDES.

ALL WOOD SHALL BE PRESURE TREATED.

SEE SHEET A-4 FOR THIS AREA

FOUNTAIN

Upper open terrace



**RAILING AND HANDRAIL GENERAL NOTE**

ALL RAILING HANDRAILS TO COMPLY WITH I.P.S.A. SECTION 5.2.2.4.1

RAILING SHALL BE 4\"/>

ALL WINDOW SILLS AT SECOND FLOOR TO BE 36\"/>

**FIRST FLOOR PLAN**

SCALE 1/4\"/>

FEB 13 2004

ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA  
94 PALM AVE.

| DATE    | BY | REVISION |
|---------|----|----------|
| 2/13/04 | WJ | 1        |
| 2/13/04 | WJ | 2        |
| 2/13/04 | WJ | 3        |
| 2/13/04 | WJ | 4        |
| 2/13/04 | WJ | 5        |
| 2/13/04 | WJ | 6        |
| 2/13/04 | WJ | 7        |
| 2/13/04 | WJ | 8        |
| 2/13/04 | WJ | 9        |
| 2/13/04 | WJ | 10       |
| 2/13/04 | WJ | 11       |
| 2/13/04 | WJ | 12       |
| 2/13/04 | WJ | 13       |
| 2/13/04 | WJ | 14       |
| 2/13/04 | WJ | 15       |
| 2/13/04 | WJ | 16       |
| 2/13/04 | WJ | 17       |
| 2/13/04 | WJ | 18       |
| 2/13/04 | WJ | 19       |
| 2/13/04 | WJ | 20       |
| 2/13/04 | WJ | 21       |
| 2/13/04 | WJ | 22       |
| 2/13/04 | WJ | 23       |
| 2/13/04 | WJ | 24       |
| 2/13/04 | WJ | 25       |
| 2/13/04 | WJ | 26       |
| 2/13/04 | WJ | 27       |
| 2/13/04 | WJ | 28       |
| 2/13/04 | WJ | 29       |
| 2/13/04 | WJ | 30       |







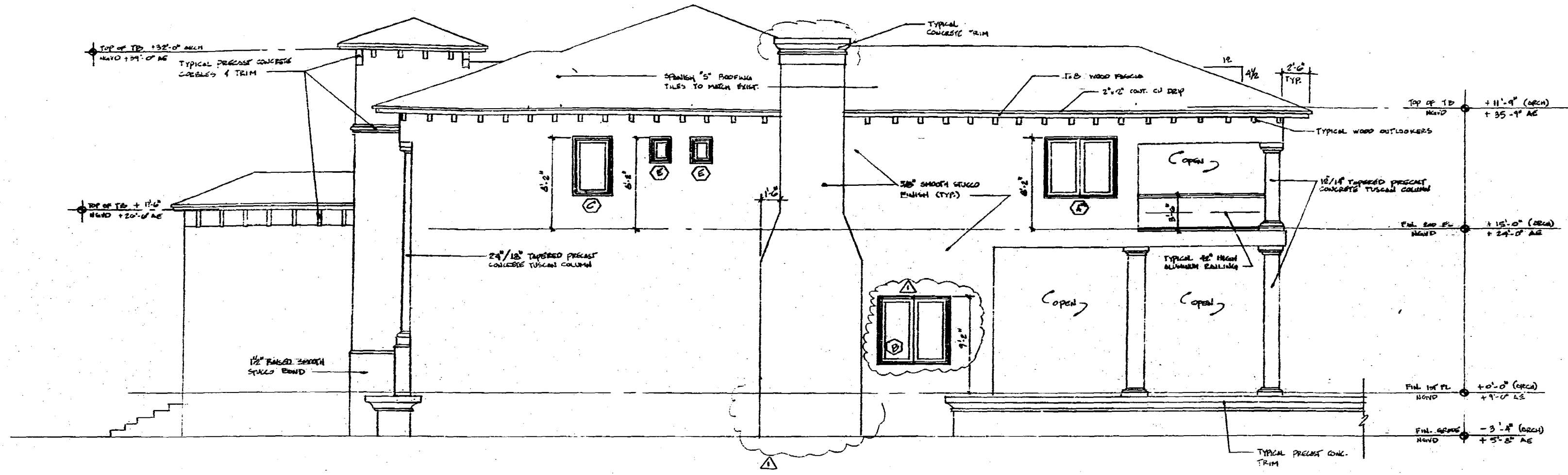
ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA  
94 PALM AVE.

REVISIONS

DATE  
BY  
CHECKED  
APPROVED

FEB 13 2000



RIGHT SIDE ELEVATION

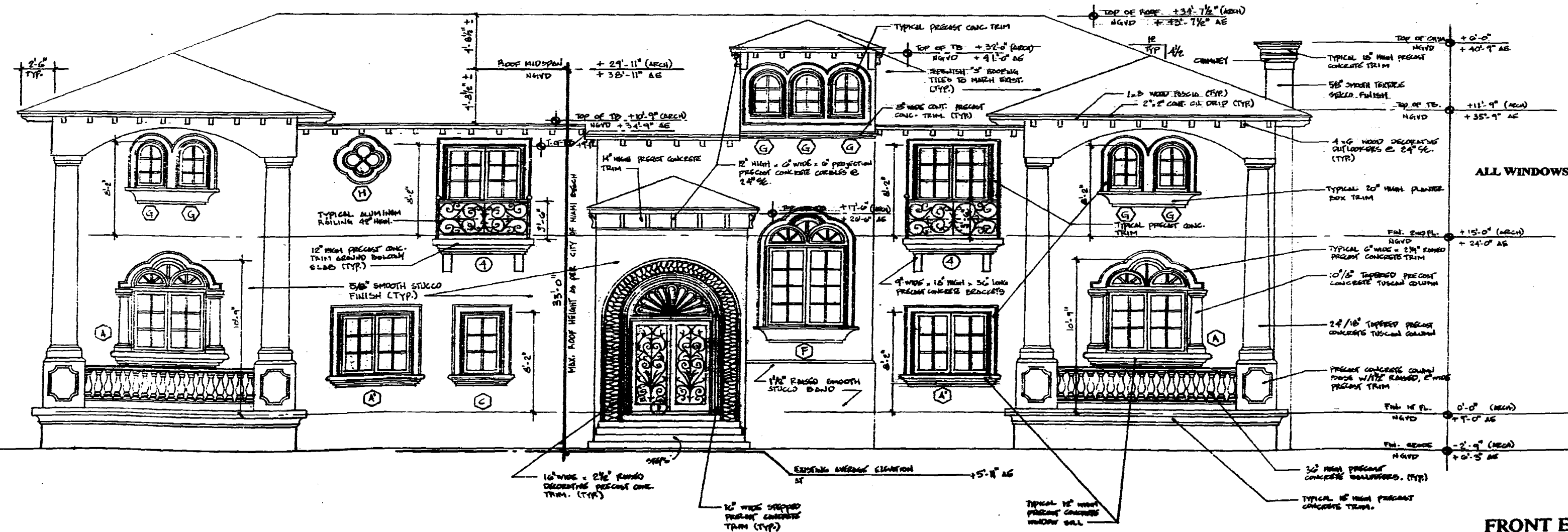
SCALE 1/4"=1'-0"

ALL WINDOW SILLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW.

- RAILING AND HANDRAIL GENERAL NOTE**
- ALL RAILING DETAILS TO COMPLY WITH I.B.C. SECTION 5.2.2.4.1
  - RAILING SHALL BE 36" HIGH (MIN.) TO 38" HIGH (MAX.) FINISHES MUST BE 4" DIAMETER SQUARE.
  - CHURN RAILS AND RAILINGS AT TWO STORY SPACES AND OVER STAIRS SIZE MUST BE 4" DIAMETER SQUARE.
  - PROVIDE RAILINGS AND HANDRAILS, STAINED AND SEALED, FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION.

- The following shop drawings are not part of this permit. Must provide shop drawings under separate permit for:
- Bar Joist
  - Ext. Doors
  - Glass Block
  - Hand Rail
  - Membrane Structures
  - Over Head Doors
  - Pail
  - Precast Members
  - Shutters
  - Skylight
  - Steel Stair
  - Structural Steel
  - Trusses
  - Windows
  - Others

ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

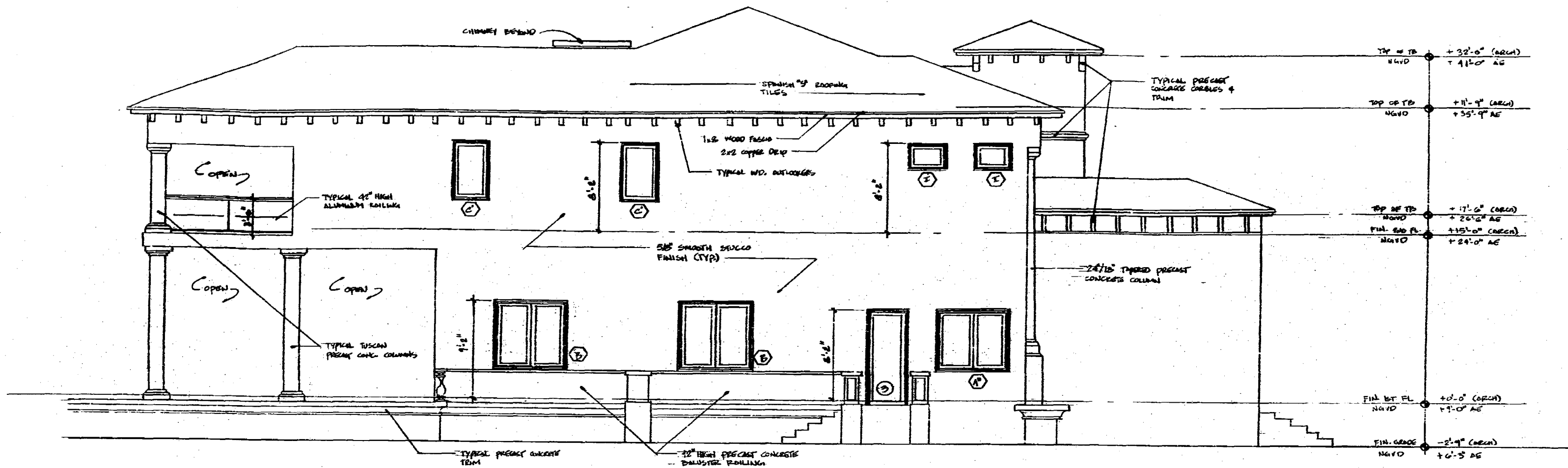


FRONT ELEVATION

SCALE 1/4"=1'-0"

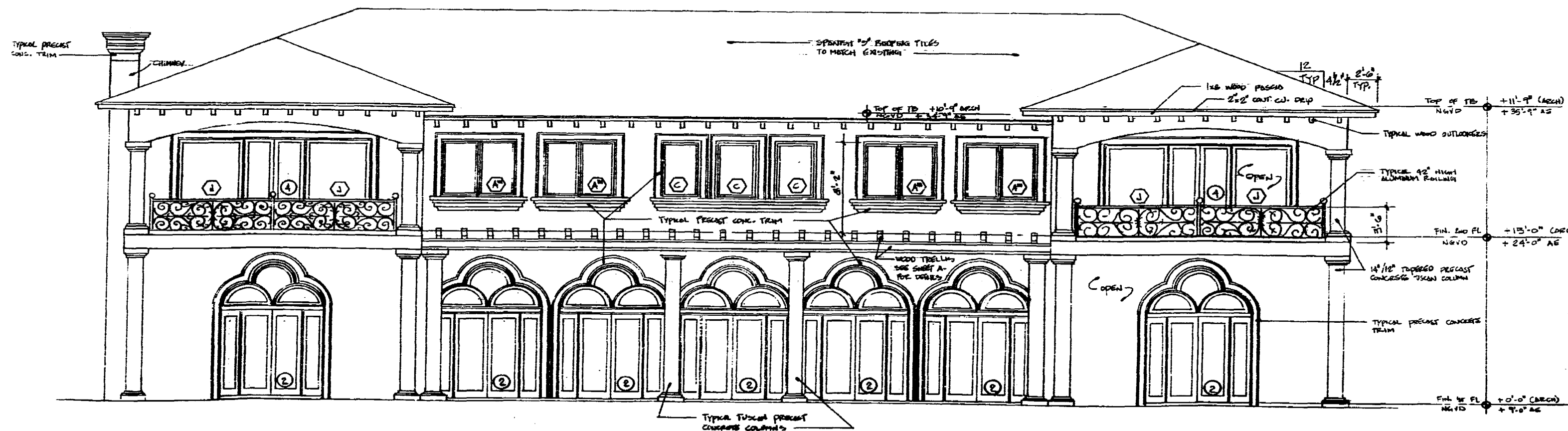
**COPY**  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:  
PLANNING  
ZONING  
ENVIRONMENTAL  
PUBLIC WORKS  
STRENGTHENING  
DEVELOPMENT





LEFT SIDE ELEVATION  
SCALE 1/4"=1'-0"

ALL WINDOW SILLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW



REAR ELEVATION  
SCALE 1/4"=1'-0"

The following shop drawings are not part of this permit. Must provide shop drawings under separate permit for:

- Bar Joist
- Ext. Doors
- Glass Block
- Hand Rail
- Mechanical Structures
- Over Head Doors
- Pool
- Precast Members
- Shower
- Skylight
- Steel Stair
- Structural Steel
- Trusses
- Windows
- Others



ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA  
94 PALM AVE.

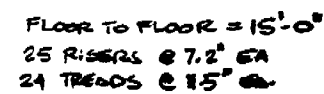
| REVISIONS | DATE    | BY | APP |
|-----------|---------|----|-----|
| 1         | 12/1/01 | AW | AW  |
| 2         | 12/1/01 | AW | AW  |
| 3         | 12/1/01 | AW | AW  |
| 4         | 12/1/01 | AW | AW  |
| 5         | 12/1/01 | AW | AW  |

AW  
12-1-01  
12-1-01  
12-1-01  
12-1-01

FEB 13 2001

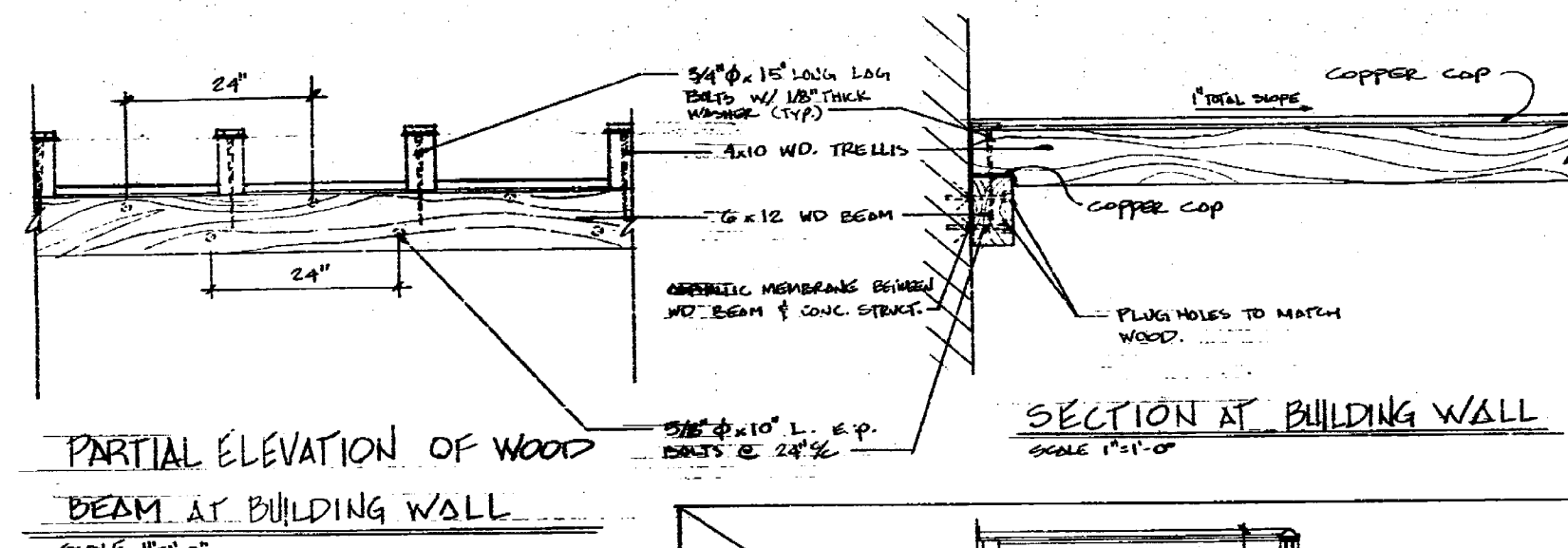
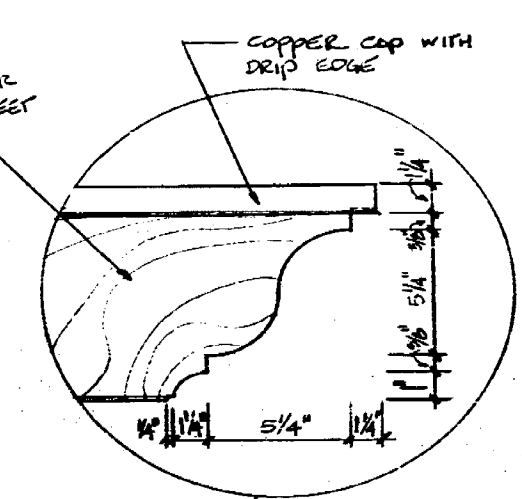
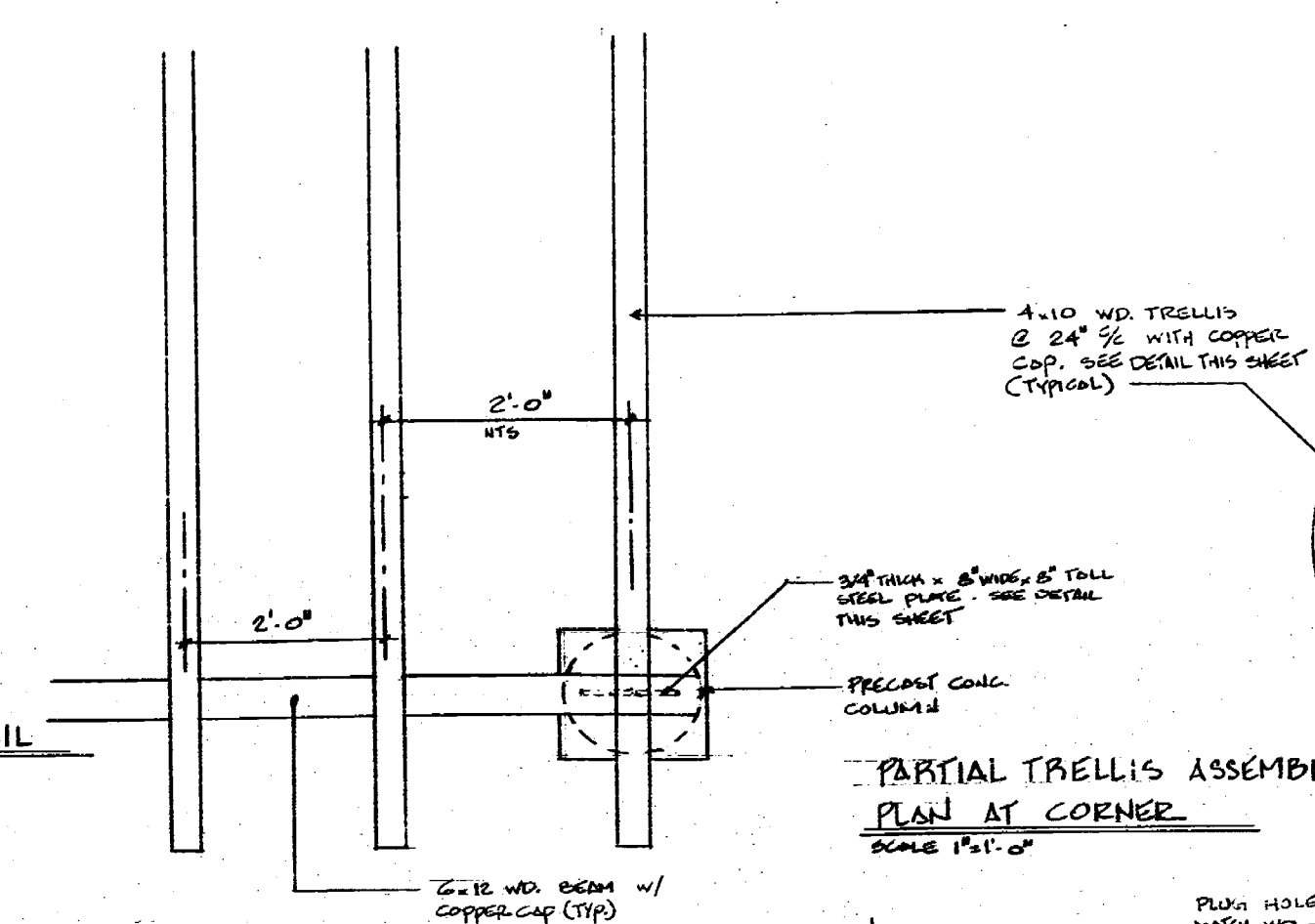
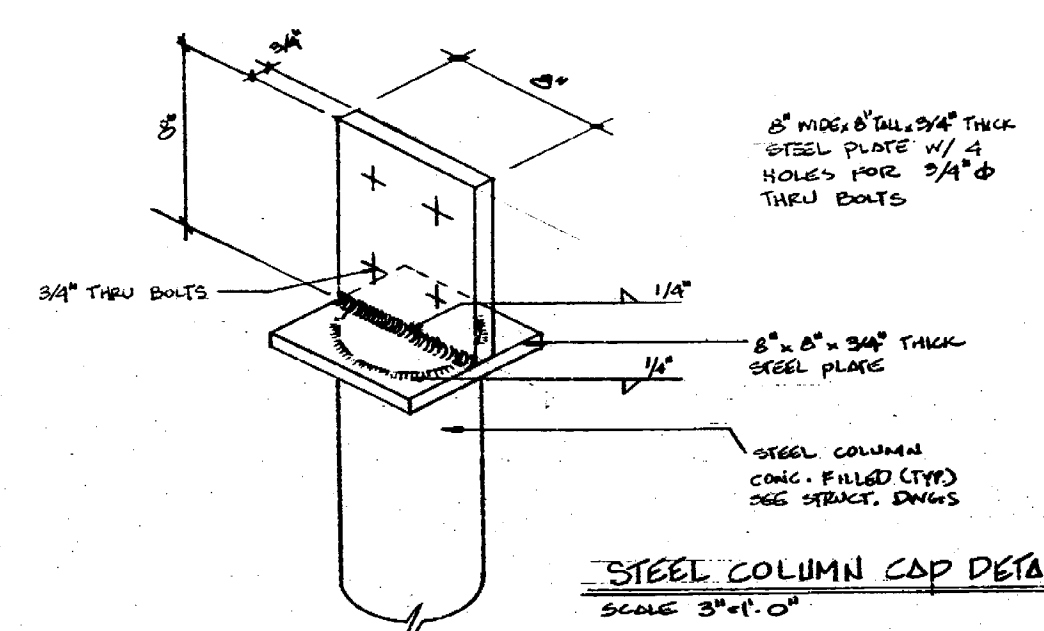


ALL RAILING DETAILS TO COMPLY WITH M.F.P.A. SECTION 5.2.7.0.1  
HANDRAILS SHALL BE 34" HIGH (MIN.) TO 36" HIGH (MAX.). PICKETS MUST EXCEED 4" DIAMETER SPHERE  
GUARD RAILS AND RAILINGS AT TWO STORY SPACES AND OPEN STEIN SIDE MUST BE 42" HIGH. PICKETS MUST EXCEED 4" DIAMETER  
SPHERE.  
PROVIDE ENGINEERED SHOT DRAWINGS, SIGNED AND SEALED, FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION.

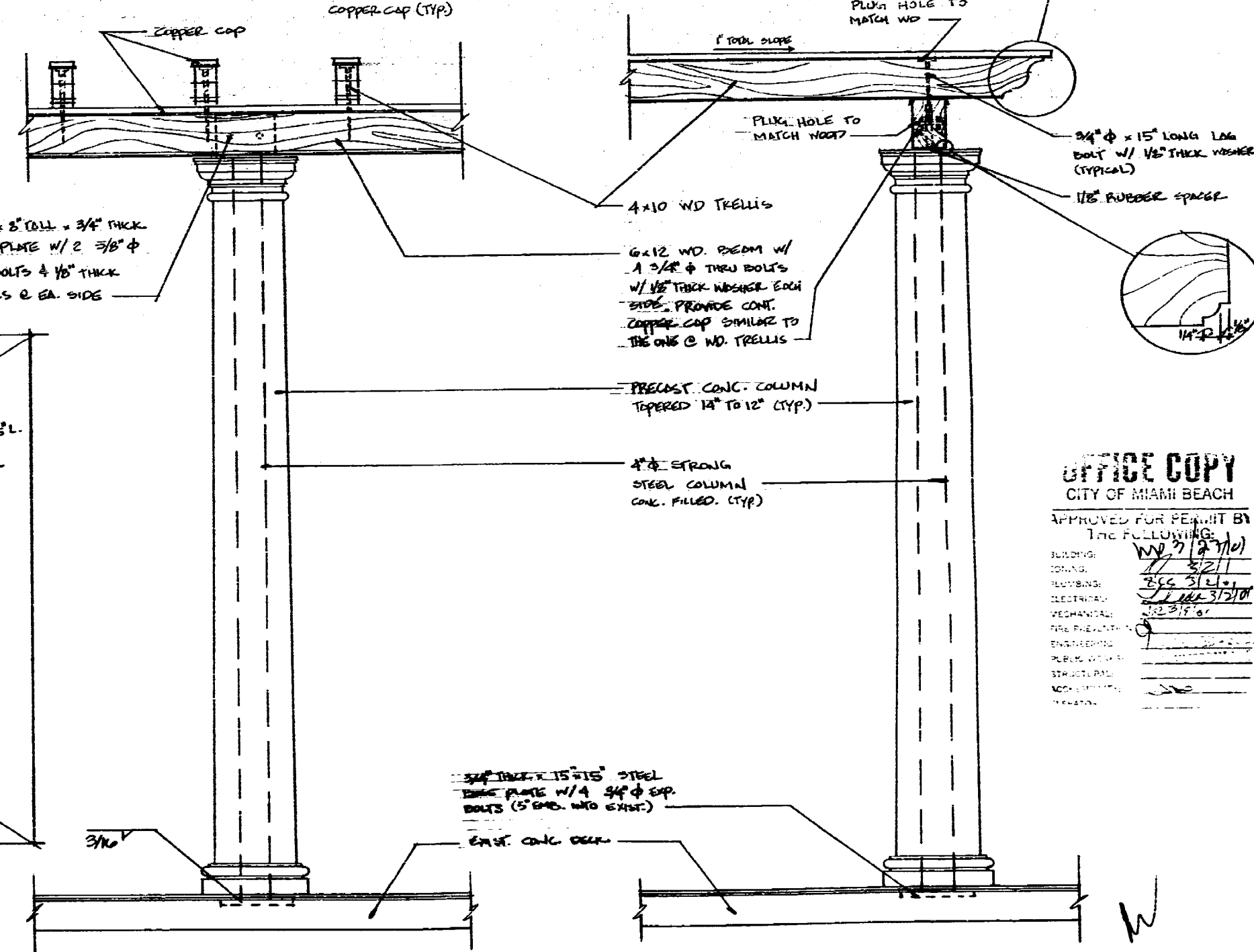
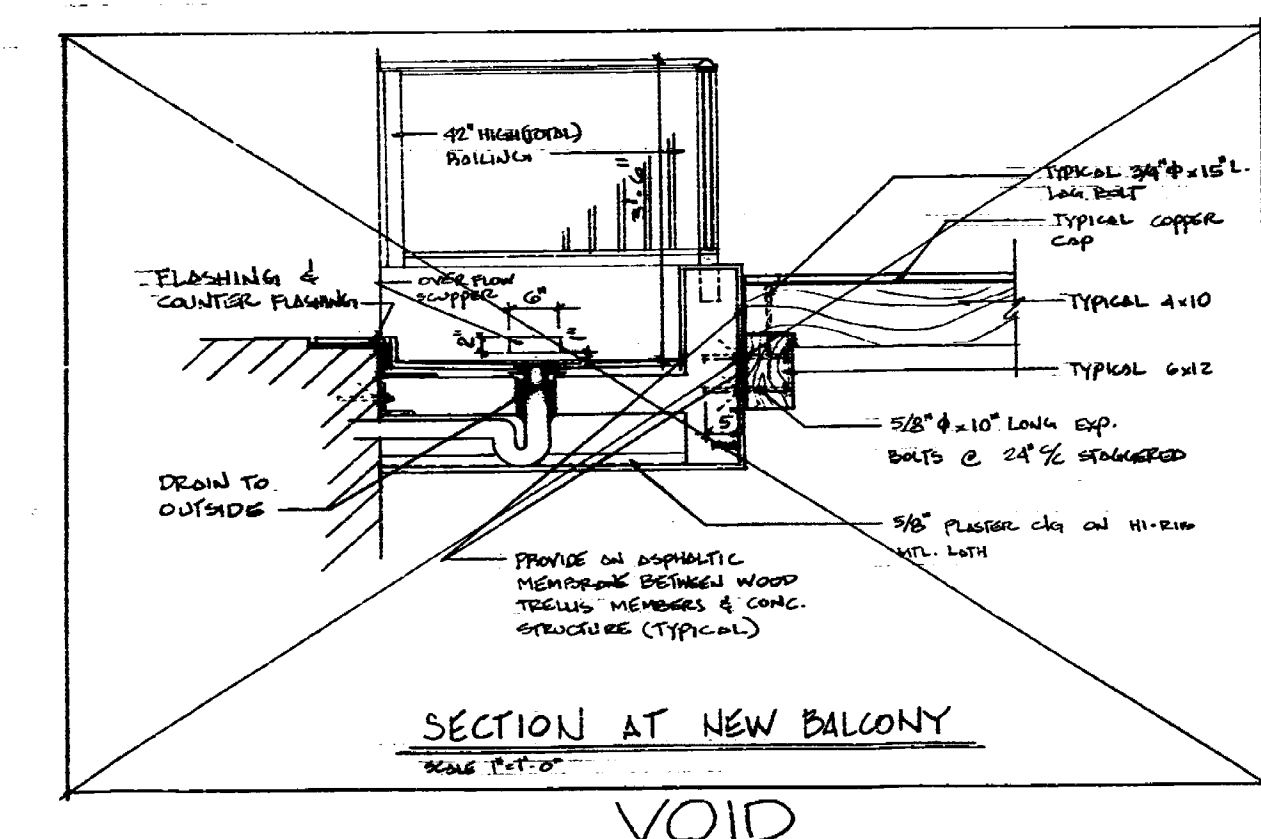
[illegible]

**FEB 05 2000**

DATE  
1-24-01  
SHEET  
A-7  
TWA RESIDENCE



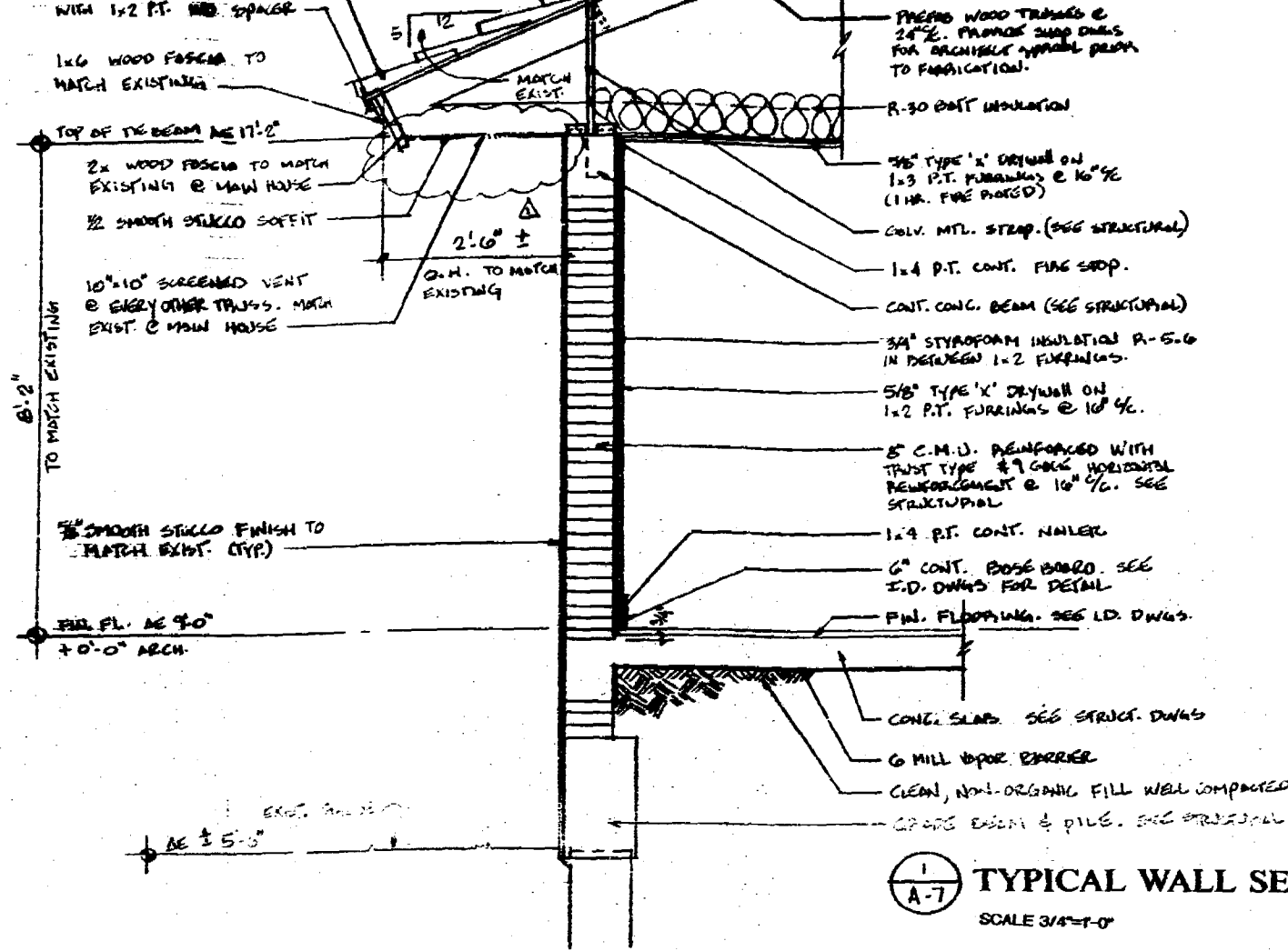
**SECTION AT BUILDING WALL**  
SCALE 1"=1'-0"



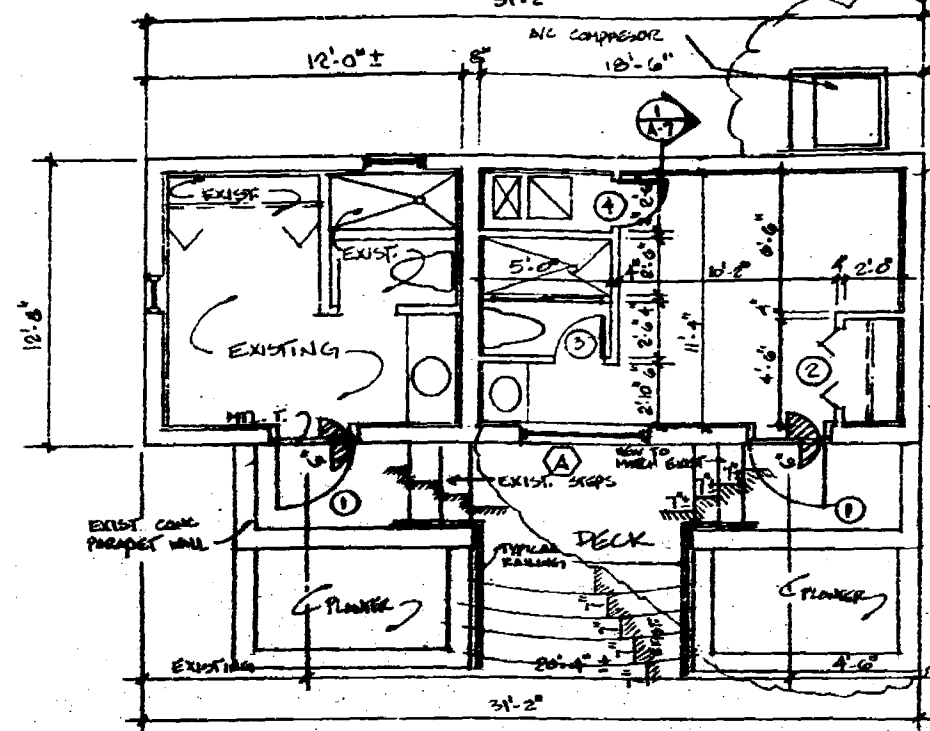
**PARTIAL SIDE ELEVATION**  
SCALE 1"=1'-0"

**OFFICE COPY**  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:  
BUILDING: WE 7/27/01  
CONV. 11/3/01  
PLUMBING: 3/26/01  
ELECTRICAL: 3/26/01  
MECHANICAL: 3/26/01  
FIRE PREVENTION: 3/26/01  
ENGINEERING: 3/26/01  
PLUMBING: 3/26/01  
STRUCTURAL: 3/26/01  
NO. COMMENTS: 3/26/01

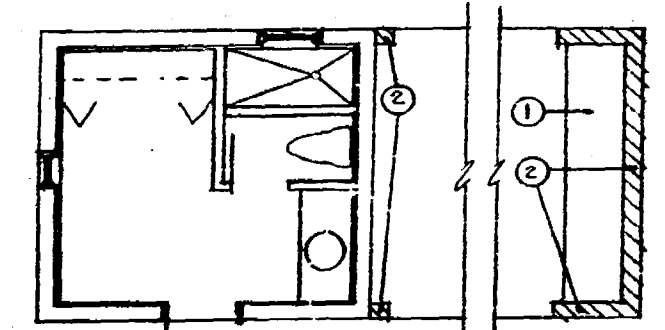
FEB 05 2001



**TYPICAL WALL SECTION**  
SCALE 3/4\"/>



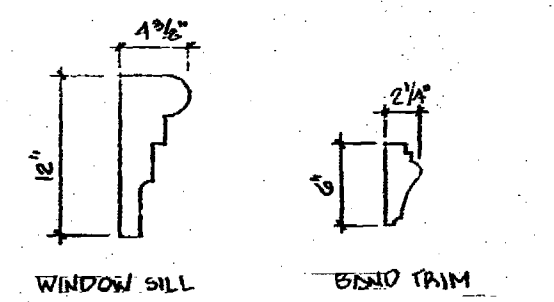
**FLOOR PLAN**  
SCALE 1/4\"/>



**DEMOLITION PLAN**  
SCALE 1/4\"/>

**KEY NOTES**  
1. REMOVE EXIST. CONC. COUNTER & BUILT-IN BOG.  
2. REMOVE EXIST. BLOCK WALL AS INDICATED BY MATCHING.

FOR ELECTRICAL, MECHANICAL AND PLUMBING  
SIZES AND INFORMATION REFER TO ENGINEER'S  
DRAWINGS.



**PRECAST TRIM PROFILES**

The following shop drawings are not part of this permit. Must provide shop drawings under separate permit for:  
- Bar Joists  
- Exit Doors  
- Glass Block  
- Hand Rail  
- Membrane Structures  
- Over Head Doors  
- Pool  
- Precast Members  
- Shutters  
- Skylights  
- Steel Stair  
- Structural Steel  
- Trusses  
- Windows  
- Other.

| WINDOW SCHEDULE |       |        |         |                |           |                         |
|-----------------|-------|--------|---------|----------------|-----------|-------------------------|
| NO.             | WIDTH | HEIGHT | RACINGS | DESCRIPTION    | MANUFACT. | REMARKS                 |
| 1               | 60"   | 48"    | -       | ALUM. CASSETTE | C&S       | 1/2" IMPACT GLASS, W/ST |

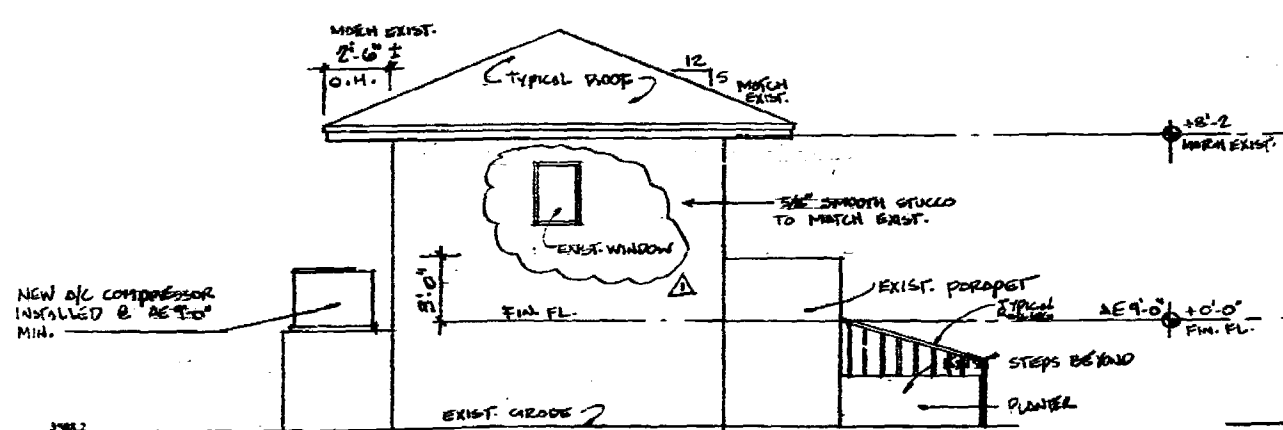
**NOTES**  
1. ALL GLASS TO BE 1/2" GRAY TINTED, IMPACT GLASS.  
2. SIZES ARE APPROXIMATE, VERIFY SIZES WITH WINDOW MANUFACTURER.  
3. PROVIDE SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

**OFFICE COPY**  
CITY OF MIAMI BEACH

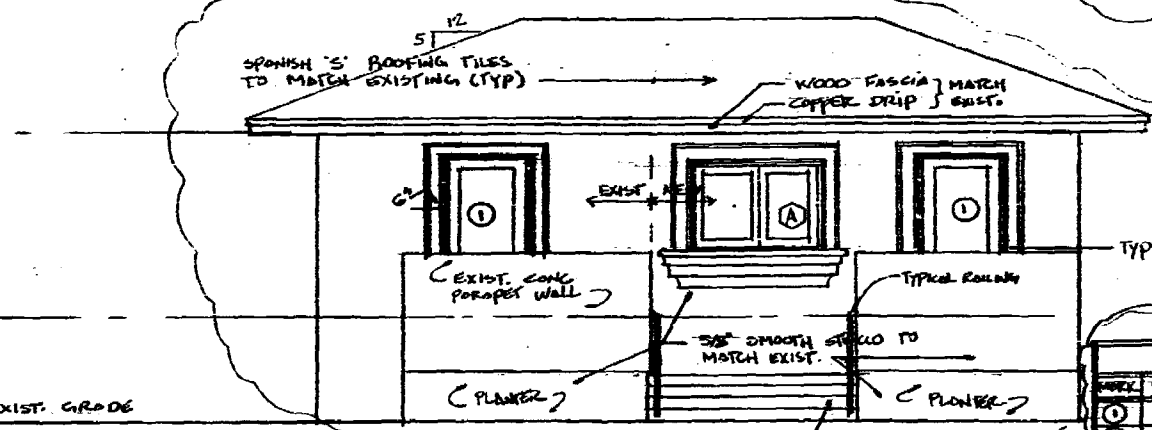
APPROVED FOR PERMIT BY THE FOLLOWING:  
BUILDING: [Signature]  
PLUMBING: [Signature]  
ELECTRICAL: [Signature]  
MECHANICAL: [Signature]  
FIRE PREVENTION: [Signature]  
ENGINEERING: [Signature]  
PUBLIC WORKS: [Signature]  
STRUCTURAL: [Signature]

| DOOR SCHEDULE |       |        |        |                   |           |                 |
|---------------|-------|--------|--------|-------------------|-----------|-----------------|
| NO.           | WIDTH | HEIGHT | THICK. | MATERIAL & TYPE   | NO. LOCKS | REMARKS         |
| 1             | 30"   | 80"    | 1 3/4" | WOOD, FRENCH DOOR | 1         | ALUM. IMPACT    |
| 2             | 48"   | 80"    | 1 3/4" | WOOD, PANELLED    | 3         | BI-FOLD         |
| 3             | 28"   | 80"    | 1 3/4" | "                 | 3         | MOVABLE         |
| 4             | 24"   | 80"    | 1 3/4" | "                 | 2         | ALUM. AC CLOSET |

**NOTES**  
1. PROVIDE FULL WEATHER STRIPPING, DEAD-BOLT PER CODE, MTL THRESHOLD.  
2. PROVIDE AIR THRESH, POSITIVE AIR RETURN.  
3. PROVIDE SWEETCH 3/16" FROM FINISH FLOORLINE.

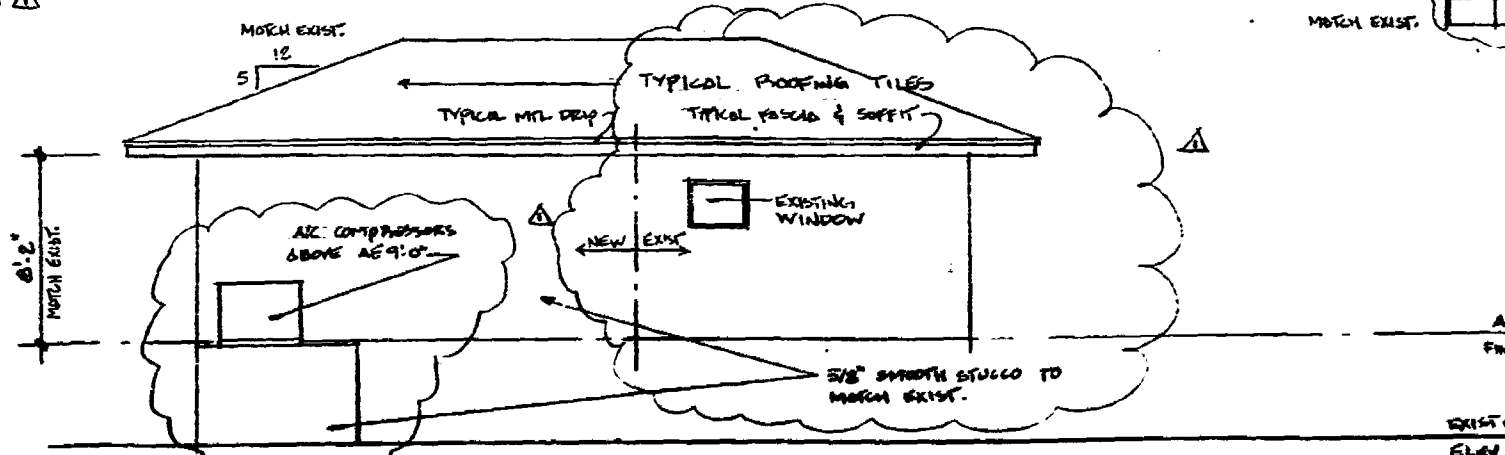


**LEFT SIDE ELEVATION**  
SCALE 1/4\"/>



**FRONT ELEVATION**  
SCALE 1/4\"/>

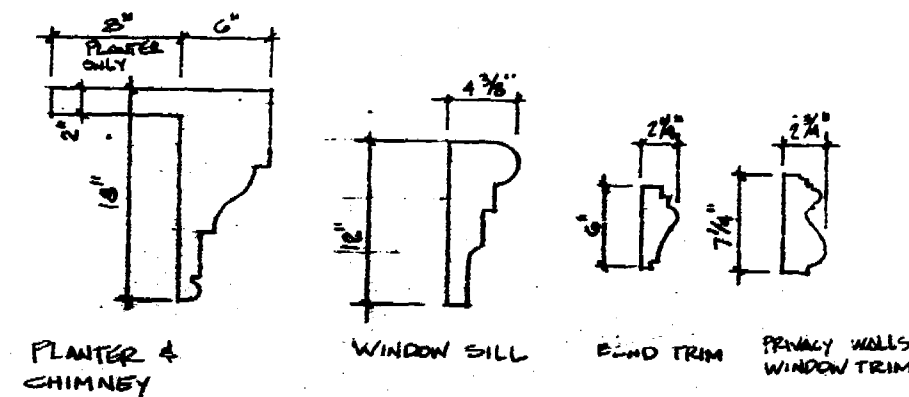
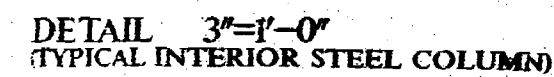
NEW WINDOWS TO HAVE 1/2" IMPACT RESISTANCE GLASS



**REAR ELEVATION**  
SCALE 1/4\"/>

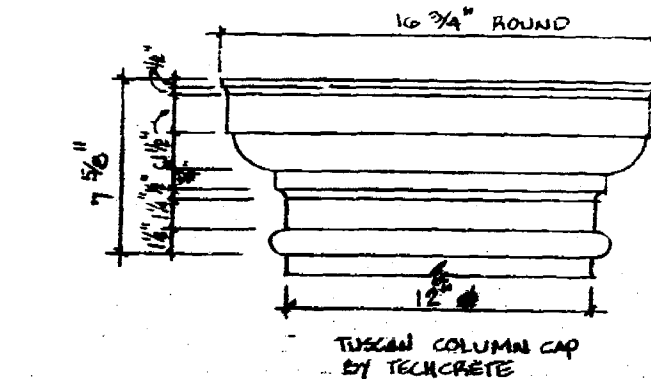
**GENERAL NOTES**  
\* GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS.  
\* EXHAUST FANS MUST BE EQUIPPED WITH DAMPERS.  
\* SMOKE DETECTORS MUST BE CONNECTED TO NEAREST NO-C.G.I. CIRCUIT.  
\* ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 4" FROM FINISH FLOOR, OR PROVIDE SECURITY BAR 4" HIGH FROM FINISH FLOOR.  
\* SECOND MEANS OF ESCAPE S.F.B.C. SECTION 311.2: THE SECOND MEANS OF ESCAPE OR ALTERNATE PROTECTION SHALL BE ONE OF THE FOLLOWING:  
(A) A DOOR, STAIRWAY, PASSAGE OR RAIL PROVIDING A WAY, INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE, OF UNOBSTRUCTED TRAVEL TO THE OUTSIDE OF THE BUILDING AT STREET OR GROUND LEVEL.  
(B) A PASSAGE THROUGH ADJACENT NONLOCKABLE SPACES INDEPENDENT OF AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE TO ANY APPROVED MEANS OF ESCAPE.  
(C) AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND PROVIDING CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT & 57 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44 INCHES OFF THE FLOOR. SUCH MEANS OF ESCAPE SHALL BE ACCEPTABLE IF:  
(C.1) THE WINDOW IS WITHIN 20 FEET OF GRADE, OR  
(C.2) THE WINDOW IS DIRECTLY ACCESSIBLE TO THE FIRE DEPARTMENT RESCUE APPARATUS AS APPROVED BY THE BUILDING AND/OR FIRE OFFICIAL, OR  
(C.3) THE WINDOW OR DOOR OPENS TO AN EXTERIOR BALCONY.  
\* ALL GLASS USED GLASS TO COMPLY WITH S.F.B.C. SECTION

\* WINDOWS AT ALL SHOWER AREAS SHALL HAVE TEMPERED GLASS.  
\* ALL ALL MENH RAILINGS AT SECOND FLOOR MUST BE 42" HIGH. PICKETS MUST RESIST 4" DIA. STIFFER. ALL HAND RAILING MUST BE 34" HIGH. PROVIDE ENGINEERED SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION AND/OR BUILDING DEPARTMENT PERMITTING.  
\* PROVIDE ROOF TRUSSES SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.  
\* PROVIDE PRECAST SHOP DRAWINGS AND MATERIAL SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.  
\* PROVIDE WINDOWS AND DOORS SHOP DRAWINGS ALONG WITH MATERIALS DESCRIPTION FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.  
\* ALL SHOWER ENCLOSURES SHALL HAVE CATEGORY B TEMPERED SAFETY GLASS.  
\* ALL BATHROOM WINDOWS SHALL BE WITH TEMPERED GLASS.

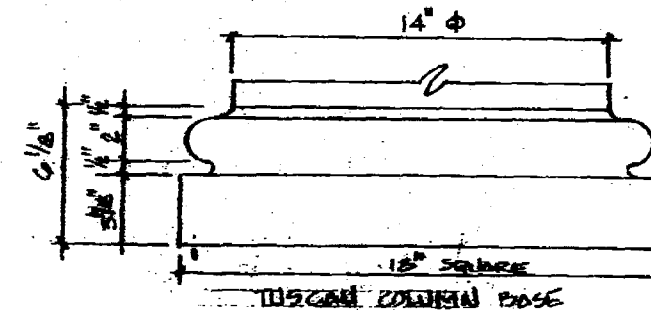


## PRECAST TRIM PROFILES

ALL PRECAST CONCRETE TRIM & COLUMNS  
BY SAMARO CAST STONE  
1-954-935-9560



TAPERED COLUMN 14" TO 12"



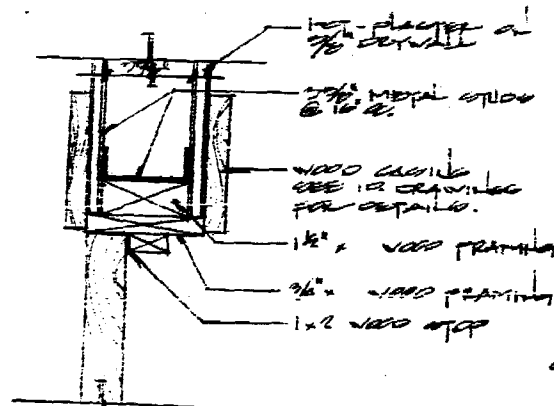
The following shop drawings are not part of this permit.  
Must provide shop drawings under separate permit for:

|                         |                   |
|-------------------------|-------------------|
| — Bar Joist             | — Stairs          |
| — Exit Doors            | — Skylights       |
| — Glass Block           | — Steel Joist     |
| — Floor Joist           | — Siding and Sill |
| — Nonbearing Structures | — Towers          |
| — Tank Head Details     | — Windows         |
| — Roof                  | —                 |
| — Erection Members      | —                 |

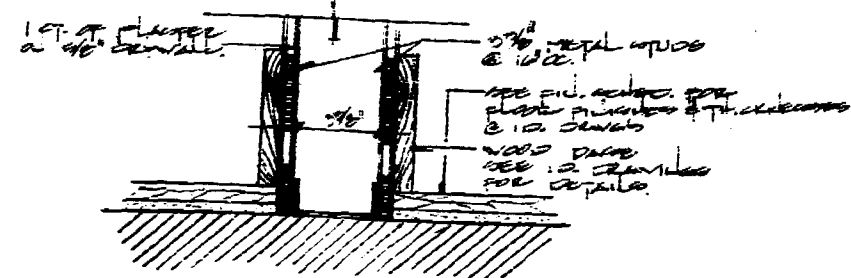
OFFICE COPY  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

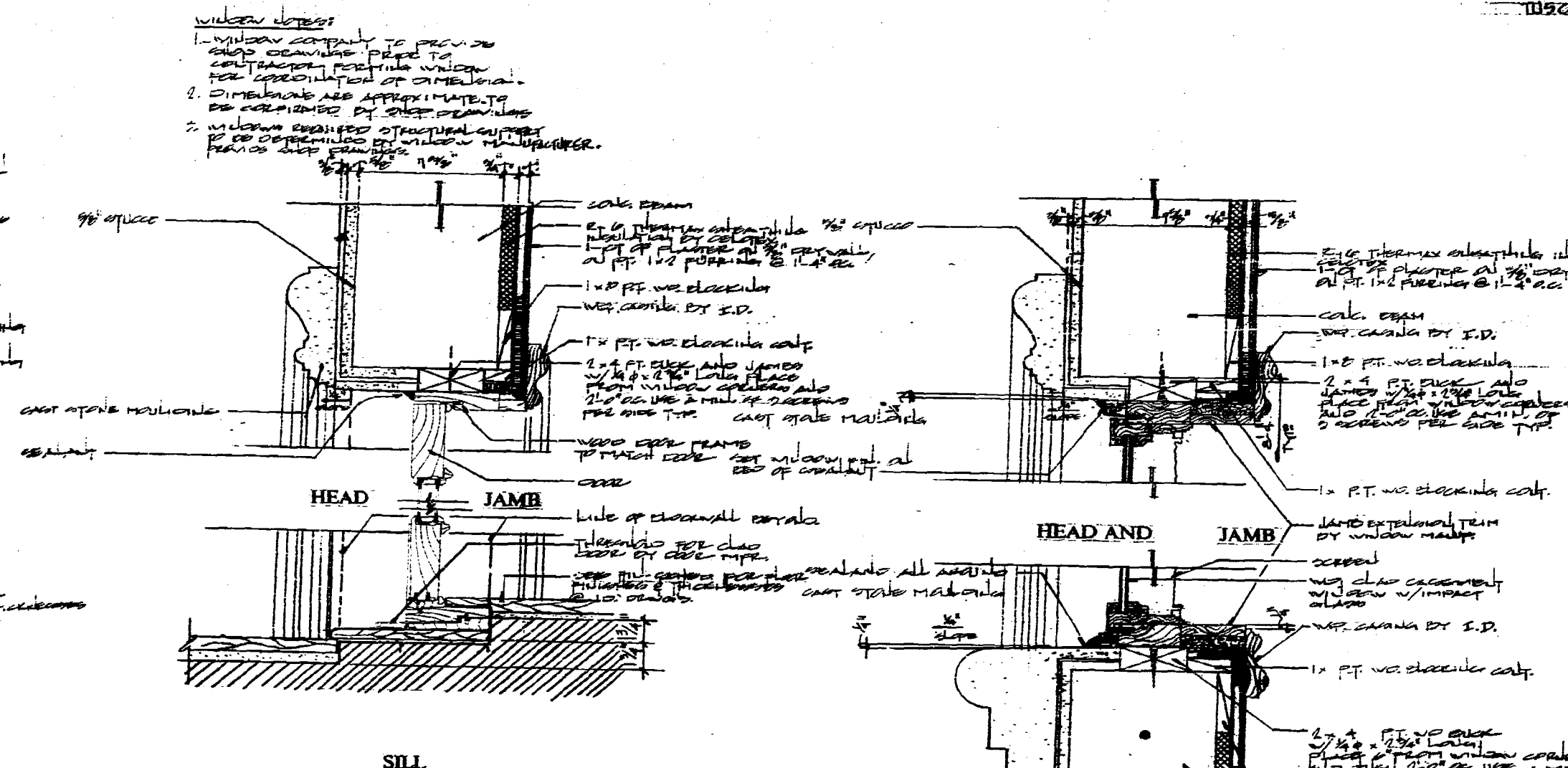
BUILDING: WN 3/27/01  
JOINING: 2/12/11  
PLUMBING: 2/25/01  
ELECTRICAL: 1/14/3/21/01  
MECHANICAL: 1/23/15/1  
FIRE PREVENTION: 9  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: \_\_\_\_\_  
STREET LIGHTS: 500 3/27/01

[illegible]

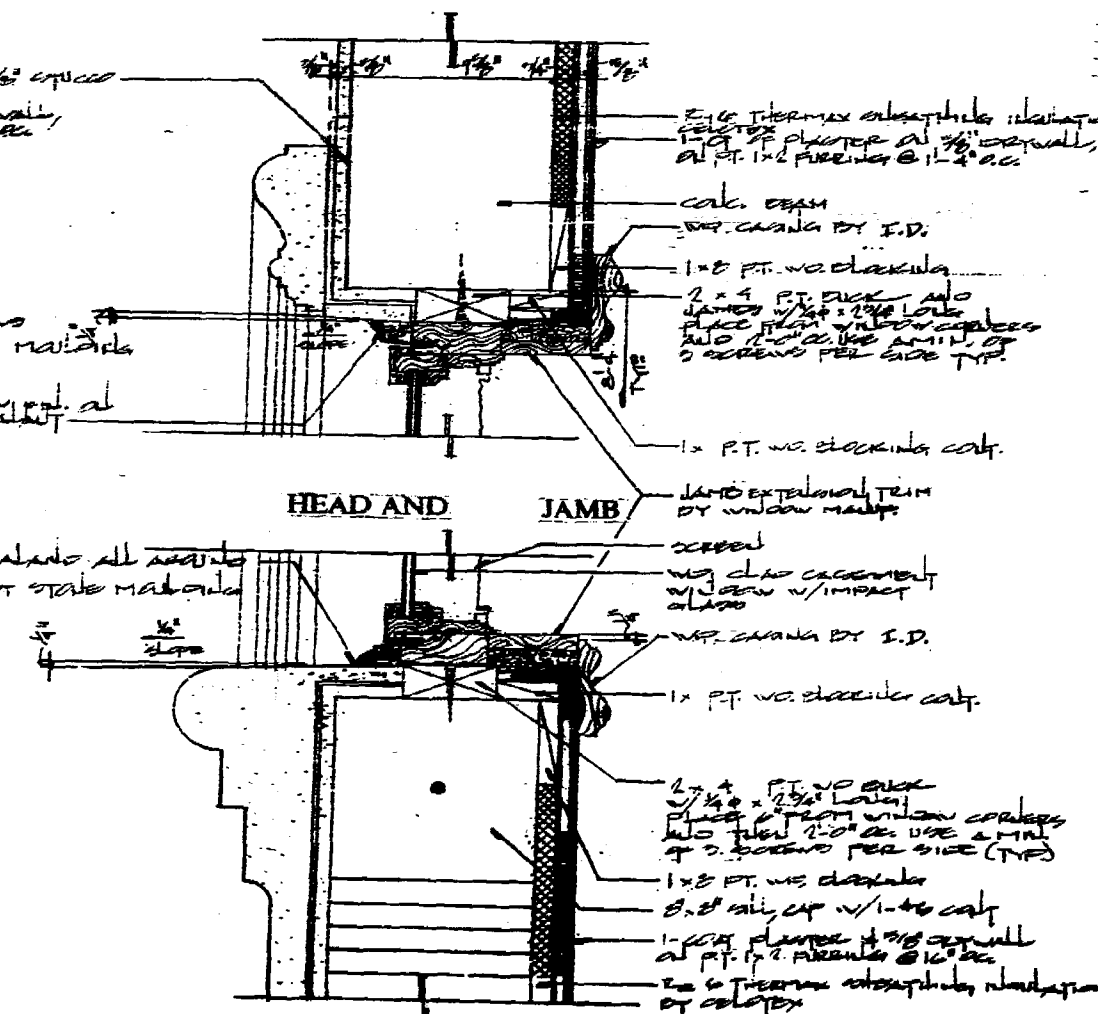
## HEAD AND JAMB



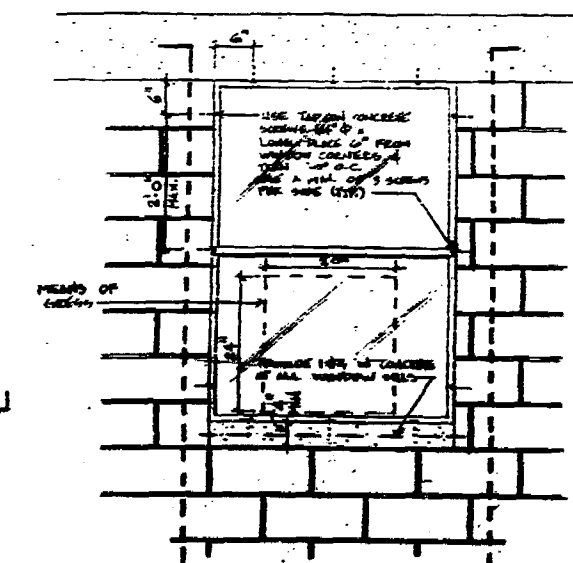
INTERIOR PARTITION DETAIL 3"=1'-0"



**TYPICAL EXTERIOR DOOR DETAIL 3"=1'-0"**



**TYPICAL WINDOW DETAIL 3"=1'-0"**



**FEB 05 2004**

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE., FLORIDA

|           |         |
|-----------|---------|
| DATE      | 1-24-01 |
| SHEET     | 1       |
| A-10      |         |
| BY        | 11      |
| REVISIONS |         |



## DIVISION 1: GENERAL REQUIREMENTS

- BEFORE SUBMITTING A BID, EACH BIDDER SHALL CAREFULLY EXAMINE THE DRAWINGS, READ THE SPECIFICATIONS AND ALL OTHER PROPOSED CONTRACT DOCUMENTS, AND VISIT THE SITE OF THE WORK. EACH BIDDER SHALL FULLY INFORM HIMSELF/HERSELF OF THE WORK, AND UNDER WHICH THE WORK IS TO BE PERFORMED, AND BE SHALL INCLUDE IN HIS BID A SUM TO COVER ALL COST OF ALL ITEMS NECESSARY TO PERFORM THE WORK AS SET FORTH IN THE PROPOSED CONTRACT DOCUMENTS. THE SUBMISSION OF A BID WILL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE BIDDER HAS MADE SUCH AN EXAMINATION.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY WITH THE ARCHITECT, IN WRITING, ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE SPECIFICATIONS AND DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, STANDARD FORM OF AMERICAN INSTITUTE OF ARCHITECTS, FORM A-201, SHALL BECOME A PART OF THESE SPECIFICATIONS AND SHALL GOVERN THE ADMINISTRATION OF THE CONTRACT.
- WHenever a specific product is called for in the drawings or specifications, an equal will be considered, providing the request is sent in writing to the architect for his approval prior to ordering said product.
- CONTRACTOR SHALL PROTECT WORK OF OTHER TRADES SO THAT PREFINISHED SURFACE OR SURFACES, EXISTING OR TO BE FINISHED AT A LATER DATE, ARE NOT MARKED.
- CONTRACTOR TO FURNISH OWNER WITH ALL NECESSARY OPERATION INSTRUCTIONS AND GUARANTEES.
- ALL ALLOWANCES SHALL BE FOR MATERIAL ONLY. LABOR TO INSTALL SAME SHALL BE PART OF BASE BID, UNLESS OTHERWISE NOTED.
- ALL PERMIT FEES SHALL BE PART OF THE BASE BID OR PROVIDED IN BASE BID AS AN ALLOWANCE.
- ALL CONSTRUCTION SHALL CONFORM TO THE SOUTH FLORIDA BUILDING CODE.
- ALL AS-BUILT DRAWINGS REQUIRED BY OWNER OR COUNTY SHALL BE PRODUCED BY SUBCONTRACTORS THAT ARE AFFECTED.
- PROVIDE CONTINGENCY ALLOWANCE OF \$10,000 TO BE USED FOR UNFORESEEN CONDITIONS AS DIRECTED BY ARCHITECT.

## DIVISION 2: SITE WORK

- FOR SOIL UNDER NEW STRUCTURE FOR WEEDS AND TERMITES AND IN ACCORDANCE WITH LOCAL CODES.

## DIVISION 3: CONCRETE

- ALL STRUCTURAL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE AND SHALL CONFORM TO ACI 318-95 AND 318-94 AND SHALL ATTAIN A MINIMUM 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3,000 P.S.I.
- CLEAR CONCRETE COVERAGE OF REINFORCING STEEL SHALL BE AS FOLLOWS:  
A. CONCRETE PLACED DIRECTLY IN CONTACT WITH GROUND \_\_\_\_\_ 3" (INCHES)  
B. CONCRETE EXPOSED TO WEATHER OR GROUND AFTER REMOVAL OF FORMS:  
1. #5 BARS OR SMALLER \_\_\_\_\_ 1.5" (INCHES)  
2. ALL OTHER BARS \_\_\_\_\_ 2" (INCHES)  
C. CONCRETE NOT EXPOSED TO WEATHER OR GROUND:  
1. BEAMS AND COLUMNS \_\_\_\_\_ 1.5" (INCHES)  
2. SLABS \_\_\_\_\_ 1" (INCHES)
- COLUMNS SHALL BE CONCENTRIC WITH RESPECT TO FOUNDATIONS, UNLESS SPECIFICALLY INDICATED OTHERWISE.

## DIVISION 4: MASONRY

- CONCRETE MASONRY UNITS SHALL BE MADE OF PORTLAND CEMENT AND NORMAL WEIGHT AGGREGATES (ASTM C33) AND SHALL CONFORM TO ASTM SPECIFICATION C90 FOR HOLLOW LOAD BEARING CONCRETE MASONRY UNITS OF GRADE "M" AND TYPE 1.
- MORTAR AND GROUT FOR REINFORCED MASONRY SHALL CONFORM TO ASTM C77, WITH MINIMUM 2,500 P.S.I. COMPRESSIVE STRENGTH.
- MORTAR AND GROUT FOR NON-REINFORCED MASONRY SHALL CONFORM TO ASTM C270, TYPE "M" OR "S".
- STRUCTURAL GROUT FOR FILLING CELLS AS PER ACT 538-95, SHALL BE CONSOLIDATED IN PLACE BY VIBRATION OR OTHER METHODS WHICH ENSURE COMPLETE FILLING OF THE CELLS.
- CLEANOUT OPENINGS SHALL BE PROVIDED AT THE BOTTOMS OF ALL CELLS TO BE FILLED WITH GROUT.
- THE REINFORCED MASONRY CONSTRUCTION SHALL COMPLY WITH SECTION 2702 OF THE SOUTH FLORIDA BUILDING CODE.
- THE ULTIMATE NET COMPRESSIVE STRENGTH (P<sub>N</sub>) MASONRY UNITS SHALL NOT BE LESS THAN 1,000 P.S.I.

## DIVISION 5: METALS

- CONTRACTOR TO SUBMIT SHOP DRAWINGS (1 SET OF SEALS AND 2 SETS OF PRINTS) OF REINFORCING AND STRUCTURAL STEEL.
- ALL EXPOSED BOLTS AND MANUFACTURED CONNECTIONS PLATES AND ANGLES TO BE GALVANIZED.
- ALL REINFORCING STEEL SHALL BE DEFORMED AND HAVE A MINIMUM YIELD OF 60,000 P.S.I. AND SHALL CONFORM TO ASTM DESIGNATION A-615, GRADE 40.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE 1994 ACI LATEST EDITION OF THE DETAILING MANUAL.
- LAP SPICE LENGTHS SHALL BE:  
A. BOTTOM REINFORCING IN BEAMS, TOP & BOTTOM REINFORCING IN SLABS \_\_\_\_\_ 45 BAR DIAMETERS.  
B. TOP REINFORCING IN BEAMS \_\_\_\_\_ 40 BAR DIAMETERS.  
C. COLUMNS \_\_\_\_\_ 36 BAR DIAMETERS.  
D. MASONRY REINFORCING \_\_\_\_\_ 48 BAR DIAMETERS. IN NO CASE SHALL THE SPICE LENGTH BE LESS THAN 12".
- PIPE COLUMNS, IF SHOWN, SHALL BE DOMESTIC STEEL CONFORMING TO ASTM A-513 OR A-501, PROVIDE PLATES, ANCHORS AND BEAM CONNECTIONS AS NECESSARY.
- ALL STRUCTURAL STEEL TO BE DOMESTIC ASTM A-36 AND FABRICATED AND ERRECTED AS PER AISC MANUAL.
- SHOP COAT ALL STRUCTURAL STEEL WITH A NON-LEADED RED PRIMER.
- PROVIDE ALLOWANCE FOR METAL RAILINGS: \$400 PER LINEAL FT.  
A. INTERIOR STAIRS & GALLERY: \$100 PER LINEAL FT.  
B. EXTERIOR BALCONY: \$100 PER LINEAL FT.  
C. EXTERIOR POOL FENCE & GATE: \$50 PER LINEAL FT.

## DIVISION 6: CARPENTRY

- ALL WOOD TRIM AND MILLWORK FOR DOORS, WINDOWS, ETC. AND INTERIOR DOORS SHALL BE CYPRESS GRADE CLEAR, USE COLORFUL TRIM WITH PLINTH BLOCK OR AS PER INTERIOR DESIGNER'S DETAILS. ALL WINDOWS SHALL BE CASED WITH WOOD TRIM GRADE CLEAR.  
A. BASE: 4" (EIGHT INCHES)  
B. CROWN: 1" (TEN INCHES)  
C. DOOR CASING: 4" (FOUR INCHES)  
D. WINDOW CASING: 4" (FOUR INCHES)
- ALL FASCIAS SHALL BE CYPRESS GRADE CLEAR.
- CONTRACTOR TO SUBMIT 4 (FOUR) SETS OF PRINTS OF SHOP DRAWINGS OF TRUSSES TO ARCHITECT FOR REVIEW.
- ROOF TRUSS MANUFACTURER SHALL PREPARE PLANS SHOWING THE DESIGN AND ERECTION BRACING REQUIRED BECAUSE THE DESIGN OF BRACING DEPENDS UPON THE DESIGN OF TRUSSES. SUBMIT 4 (FOUR) SETS OF PRINTS OF SHOP DRAWINGS.
- ALL STRUCTURAL WOOD SHALL HAVE ALLOWABLE BENDING STRESS OF 1,200 P.S.I., MODULUS OF ELASTICITY OF 1,800 K.S.I., UNLESS OTHERWISE NOTED ON PLANS.
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED.
- ALL WOOD CONSTRUCTION SHALL COMPLY WITH CHAPTER 29 OF THE SOUTH FLORIDA BUILDING CODE & THE STANDARD BUILDING CODE, WHICHEVER IS MORE STRINGENT. PROVIDE FIRE STOPS AS REQUIRED IN WALLS.
- FRAMING SHALL BE DONE IN A WORKMAN-LIKE MANNER BY SKILLED LABOR:  
A. ALL NAILING SHALL CONFORM TO THE BUILDING CODE NAILING SCHEDULE.  
B. PROVIDE DOUBLE STUDS EACH SIDE OF INTERIOR DOOR OPENINGS.  
C. CUTTING OF WOOD STRUCTURAL MEMBERS SHALL BE IN ACCORDANCE TO THE BUILDING CODE.
- ROOF SHEATHING SHALL BE 3/4" EXTERIOR GRADE C/D, STRUCTURAL FORMING PLYWOOD WILL NOT BE USED FOR SHEATHING. NAIL TO TRUSSES AND RAFTERS AS REQUIRED BY CODE.
- INTERIOR WOOD BEARING PARTITIONS SHALL BE 2 X 4 WOOD STUDS AT 16" O.C. PROVIDE A SINGLE P.T. SILL PLATE AND DOUBLE TOP PLATE WITH 48" LAF.
- PROVIDE BACKING WITH 1 X 6 P.T. ON BLOCK WALL OR 2 X 4 ON STUD WALL FOR ALL KITCHEN CABINETS, BUILT-INS, HAND RAILS, BATH FIXTURES AND ACCESSORIES.
- INTERIOR, WOOD, NON-BEARING PARTITION SHALL BE 2 X 4 WOOD STUDS AT 16" O.C., UNLESS OTHERWISE NOTED. PROVIDE A SINGLE PRESSURE-TREATED SILL PLATE AND A SINGLE TOP PLATE. ALL INTERIOR NON-BEARING PARTITIONS MAY BE LIGHT GAUGE METAL STUDS @ 16" O.C. WITH DOUBLE PRESSURE-TREATED 2 X 4 WOOD BASE PLATE.
- INSTALL MILLWORK ACCURATELY WITH TIGHT JOINTS AND TRUE SURFACES, WELL-SANDED, FREE FROM DEFECTS.
- ALL ROUGH HARDWARE FOR EXTERIOR USE SHALL BE GALVANIZED.

## DIVISION 7: MOISTURE PROTECTION, ROOFING &amp; INSULATION

- ALL CAULKING TO BE "PECORA" BUTYL RUBBER SEALANT, BC-150, OR EQUAL.

- ALL ROOFING SHALL HAVE AN UNDERLAYMENT (ANCHOR SHEET) OF 100% ASPHALT SATURATED FELT OR FELT, TIN CAPED PER CODE.
- ALL FLASHING AND VALLEYS, GUTTERS AND DOWN SPOUTS TO BE 20 OUNCE COPPER.
- ALL BARREL TILE TO MATCH EXISTING OR EQUAL, APPROVED BY ARCHITECT.
- ALL ROOFING SHALL HAVE A BASE COUNTY PRODUCT CONTROL NUMBER.
- WATERPROOF ALL INTERIOR PLANTER WALLS WITH BLACK BITUMINOUS WATERPROOF COMPOUND AND PROVIDE ADEQUATE DRAINAGE.
- EXTERIOR INSULATION SHALL BE AS FOLLOWS:  
A. STUD WALL: R-11, BATT TYPE FIBERGLASS  
B. CEILING: R-30, BATT TYPE FIBERGLASS  
C. BLOCK WALL: R-5 INSULATION BETWEEN 1 X 2 PRESSURE-TREATED WOOD FURRING STRIPS, UNLESS OTHERWISE NOTED.  
D. CONCRETE FLOOR: R-11, 2" EPS  
E. INTERIOR INSULATION FOR SOUND PROOFING SHALL BE AS FOLLOWS: ALL INTERIOR WALLS SHALL RECEIVE R-11 BATT FIBERGLASS INSULATION FOR SOUND-PROOFING. WRAP ALL PLUMBING BOTH SIDES. PROVIDE ALL INSULATION, FLOOR TO CEILING.

## DIVISION 8: DOORS AND WINDOWS

- DOORS:  
A. ALL EXTERIOR DOORS SHALL BE SOLID WOOD CORE, STAIN GRADE, INCLUDE MODIFIED DOOR CONTRACT BY WINDOW PROFESSIONALS.  
B. ALL INTERIOR DOORS SHALL BE SOLID WOOD CORE, STAIN GRADE, SEE DOOR SCHEDULE.  
C. CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY HARDWARE ITEMS UNDER BASE BID.  
D. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
E. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
F. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
G. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
H. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
I. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
J. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
K. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
L. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
M. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
N. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
O. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
P. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
Q. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
R. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
S. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
T. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
U. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
V. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
W. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
X. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
Y. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.  
Z. PROVIDE \$500 ALLOWANCE FOR CUSTOM FRONT DOOR.

## DIVISION 9: FINISHES

- ALL EXTERIOR WOOD SHALL RECEIVE TWO COATS OF BENJAMIN MOORE PAINT OR STAIN. PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL BEFORE STARTING WORK.  
A. ONE COAT OF PRIMER WITH MOOREWHITE ALKYD PRIMER 100 SERIES.  
B. PAINT TWO COATS TOPCOAT MOORGLO HOUSE & TRIM LATEX GLOSS 94 SERIES.
- INTERIOR WOOD TRIM, DOORS & WOOD WINDOWS SHALL RECEIVE TWO COATS OF BENJAMIN MOORE ENAMEL OVER ONE BASE COAT OR AT OWNER'S OPTION, ONE COAT OF SEALER AND TWO COATS OF FINISH ENAMEL. PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL BEFORE STARTING WORK.  
A. ONE COAT PRIMER BASE COAT S/B MOORE'S ALKYD ENAMEL UNDERBODY 217 SERIES.  
B. ENAMEL - LATEX REGAL AQUAGLO LATEX SEMI-GLOSS ENAMEL 335 SERIES.  
C. ENAMEL-ALKYD-REGAL SATIN IMPENC ALKYD SATIN ENAMEL 225 SERIES.  
D. SEALER-BENWOOD QUICK DRY SANDING SEALER 413 SERIES.  
E. STAIN-BENWOOD PENETRATING STAIN 234 SERIES.  
F. VARNISH-BENWOOD SATIN FINISH VARNISH 404 SERIES.
- ALL EXTERIOR STUCCO SURFACES SHALL RECEIVE TWO COATS OF MOOREGARD OVER ONE COAT OF SEALER. PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL BEFORE STARTING WORK.  
A. PRIMER-BASE COAT-MOORE'S LATEX ALKALI RESISTANT MASONRY JX SERIES.  
B. MOOREGARD LATEX LOW LUSTRE HOUSE PAINT 143 SERIES.  
C. ALL INTERIOR PLASTER SURFACES OR DRY WALL SURFACES SHALL RECEIVE TWO COATS OF INTERIOR LATEX REGAL AQUA VELVET BY BENJAMIN MOORE. PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL BEFORE STARTING WORK.  
A. FRESH START 100% ACRYLIC LATEX PRIMER 623 SERIES.  
B. REGAL AQUA VELVET EGGSHELL FINISH 319 SERIES.
- ALL EXTERIOR STUCCO TO BE SMOOTH AND LIGHT TEXTURE AND APPLIED AS PER CODE. PROVIDE SAMPLE TO MEET ARCHITECT'S APPROVAL BEFORE STARTING WORK.
- ALL INTERIOR PARTITIONS AND CEILINGS TO BE COVERED WITH 5/8" TYPE "X" BLUE BOARD WITH ONECOAT PLASTER. PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL BEFORE STARTING WORK.
- ALL INTERIOR BEARING PARTITIONS, WALLS BETWEEN GARAGE AND RESIDENCE, SHALL HAVE A ONE HOUR RATED, 5/8" TYPE "X" DRYWALL. PROVIDE ONE LAYER ON BOTH SIDES OF PARTITIONS AND ONE LAYER ON CEILINGS ON 1" X 3" FURRING @ 16" O.C. WHERE APPLICABLE.
- ALL STUCCO TRIMS AS SHOWN AROUND WINDOWS AND DOORS, ETC. TO BE DONE WITH "T" BEADS, CORNER BEADS & CASING BEADS AS PER "NATIONAL CYSTM", OR APPROVED EQUAL.
- TILE, MARBLE AND FLOOR ALLOWANCES:  
1. MARBLE: \$10 PER SQUARE FT.  
2. SATURNIA: (\$1.50 PER SQUARE FT. FILLED WITH GROUT.  
3. SATURNIA: (\$1.50 PER SQUARE FT. BOWED AND FILLED.  
4. TILE: \$2.00 PER SQUARE FT.  
5. CARPET: \$30 PER SQUARE YARD
- ALL TILE & MARBLE FLOORS SHALL BE SET IN FULL FLOAT. PROVIDE SEALER FOR ALL MARBLE AND SATURNIA FLOORS.
- PROVIDE FULL SLABS WITH 1.5" BULL NOSE ON ALL STAIR TREADS.
- DRIVEWAY: CONCRETE PAVEMENT ON 6" (INCH) CRUSHED ROCK AND SAND BASE WITH SOLDIER COURSE GROUTED TO EDGE CONCRETE FOOTING.
- PROVIDE CEMENT BOARD BEHIND ALL TILED OR MARBLED WALLS.

## ARCHITECT'S APPROVAL

## DIVISION 10: SPECIALTIES

- ALL SHELVING SHALL BE 3/4", HARDWOOD EDGE Banded, AS PLYWOOD 1/2" DEEP, UNLESS OTHERWISE SHOWN ON PLAN, 1" X 4" #2 SHELF SUPPORTS, 1-3/4" FULL ROUND CLOSET RODS- LEFT NATURAL, HARDWOOD ROD SOCKETS WITH METAL SHELF AND ROD SUPPORTS.
- KITCHEN CABINETS, BATH VANITIES, BUILT-INS, COUNTERTOPS AND VANITY TOPS TO BE PROVIDED AND INSTALLED BY CABINET SUBCONTRACTOR. ALLOWANCE: \$50,000.
- CLOSET INTERIORS: PROVIDE A \$10,000 ALLOWANCE FOR ALL WALK-IN CLOSET INTERIOR DESIGNS.
- FIREPLACE AND MANTEL ALLOWANCE: \$3,000. CHIMNEY, FIREBOX AND STRUCTURE TO BE IN BASE BID.
- SHOWER & TUB DOORS, TEMPERED ALLOWANCE: \$7,000.
- TOWEL BARS, TOILET PAPER HOLDERS, MEDICINE CABINETS, SOAP HOLDERS & GRAB BARS: \$2,000 ALLOWANCE.
- MIRRORS TO BE 1/4", SEALED OVER MASTIC. FULL HEIGHT FROM VANITY TO CEILING ACROSS BACK OF VANITY. (PROVIDE A 5-YR. GUARANTEE ON ALL MIRRORS AGAINST DISCOLORATION.)

## DIVISION 11: EQUIPMENT

- APPLIANCES: CONTRACTOR SHALL PURCHASE AND INSTALL ALL APPLIANCES. (PURCHASE BY OWNER) (INSTALLED BY CONTRACTOR)  
1. ONE 266 SIB-ZERO ICE MAKER  
2. TWO 700 BTU SIB-ZERO 700 BASE REFRIGERATOR  
3. ONE EXTERIOR 30" CONVECTION SINGLE OVEN 1-CELL-SS  
4. FOUR EDW24S 24" WARMING OVEN - SS  
5. ONE BM4024S MICROWAVE 18 CU. FT. 16" TURNABLE - SS  
6. ONE ANTILOCK THERM KEY FOR BUILT-IN MICRO BI.  
7. TWO ANTILOCK ASKO BLACK DISHWASHER  
8. ONE ASKOVS WOLF 30" GAS RANGE WITH 6 BURNERS WITH RAISED 2" GRIDDLE/BROILER SS  
9. ONE WOLFES WOLF 30" BLACK REFR WITH SHELF SS  
10. ONE HWY 1800-68 VENTHOOD 60" HOOD WITH 4 BLOWERS WITH BALOGN LIGHTS SS  
11. ONE WDC 40X60 VENTHOOD EXTENDED DUCT COVER FOR 12" CEILING.

## DIVISION 12: FURNISHINGS

SEE INTERIOR DESIGN DRAWINGS OR NOT USED

## DIVISION 13: SPECIAL CONSTRUCTION

- PROVIDE ENGINEERING SHOP DRAWING FOR NEW POOL & SPA FOR ARCHITECT'S REVIEW.
- GAS: PROVIDE GAS LINE TO SPA HEATER AND BAR-B-Q AND FIREPLACE.
- SPA ALLOWANCE: \$43,000
- POOL ALLOWANCE: \$107,000
- SEAWALL ALLOWANCE: \$15,200
- DOCK ALLOWANCE: \$30,000

## DIVISION 14: CONVEYING SYSTEMS

NOT USED

## DIVISION 15: MECHANICAL

- A/C SHOP DRAWING SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO START OF A/C WORK. A/C SUBCONTRACTOR SHALL ENGINEER THE SIZE AND LOCATIONS, PROVIDING: MANUAL-J CALCULATIONS FOR FINAL SYSTEM. ALL DUCTS IN UNCONDITIONED SPACES SHALL HAVE R-6 INSULATION. A/C SUBCONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING THE SYSTEM.
- ALL BATHROOM EXHAUST FANS WILL BE NUTONE MODEL NO. QT200 CFM.
- PLUMBING FIXTURES: PROVIDE ALLOWANCE FOR PLUMBING FIXTURES \$30,000 @ INTERIOR DESIGNER'S PRICE. INSTALLATION AND HANDLING SHALL BE IN BASE BID. PLUMBER SHALL BE RESPONSIBLE FOR PURCHASING, INSTALLING AND HANDLING OF ALL PLUMBING FIXTURES. THIS FEE TO BE INCLUDED IN BASE BID AND NOT PART OF ALLOWANCE.
- PROVIDE WATER LINE FOR REFRIGERATOR AND/OR ICE MAKER WITH REMOTE SHUT OFF.
- PROVIDE SUPER-INSULATED QUICK RECOVERY DOUBLE ELEMENT WATER HEATERS. PROVIDE FULL PAN AND DRAIN UNDER WATER HEATERS.
- PROVIDE FOR RECESSED WASHER AND DRYER HOOK UPS (VENT DRYERS TO EXTERIOR).
- ALLOWANCE FOR LANDSCAPING & SPRINKLER SYSTEM FOR MATERIAL & LABOR: BY OWNER.
- PROVIDE ALL PENETRATIONS THROUGH ROOF, SUCH AS PLUMBING VENTS AND EXHAUST VENTS, ON REAR HIPS SO THEY ARE NOT SEEN FROM THE STREET.
- PROVIDE FOAM TUBULAR INSULATION ON ALL HOT WATER LINES.
- PROVIDE 3/4" COPPER LINE SERVICE TO ALL HOT WATER FIXTURES. REDUCE AT FIXTURE CONNECTION AS PER SCHEDULE.

## DIVISION 16: ELECTRICAL

- ALL CIRCUITS ARE TO BE NUMBERED AND IDENTIFIED ON PANEL.
- ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE N.E.C. THE BASE BID, NOT IN THE ALLOWANCE. ALL HIGH HATS ON SLOPING CEILINGS SHALL BE ADJUSTABLE TYPE. ALL HIGH HATS TO BE LIGHTCOLOR.
- ALL EQUIPMENT EXPOSED TO WEATHER SHALL BE WEATHER PROOF. PROVIDE G.F.I. BREAKERS) AT ELECTRICAL PANEL FOR KITCHEN AND BATHS, GARAGE AND EXTERIOR OUTLETS.
- PROVIDE DIRECT WIRE SMOKE DETECTORS AS INDICATED ON DRAWINGS AND AS REQUIRED BY CODE.
- PROVIDE DOOR BELL AND DECORATIVE CHIME BY NUTONE.
- WIRING TO BE IN FLEXIBLE PLASTIC CONDUIT ("ENT") OR METAL CONDUIT, EXCEPT UNDER CABINET LIGHTS IN KITCHEN WHICH ARE ROMEX. EXTERIOR PIPE SHALL BE PVC.
- ALL WALL SWITCHES & OUTLETS TO BE "DECORA STYLE", UNLESS NOTED OTHERWISE BY L.A.
- ALL SWITCHES FOR PARIABLE FANS & HIGH HATS TO BE ON DIMMER SWITCHES.
- ALLOWANCES FOR SECURITY, SOUND SYSTEM, TELEPHONE / PD SYSTEMS: \$15,000.

OFFICE COPY  
CITY OF MIAMI BEACHAPPROVED FOR PERMIT BY  
THE FOLLOWING:

W.P. 2/2/97  
J.R. 2/2/97  
J.L. 2/2/97  
J.S. 2/2/97  
J.T. 2/2/97  
J.V. 2/2/97  
J.W. 2/2/97  
J.X. 2/2/97  
J.Y. 2/2/97  
J.Z. 2/2/97

1. ALL CIRCUITS ARE TO BE NUMBERED AND IDENTIFIED ON PANEL.  
2. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE N.E.C. THE BASE BID, NOT IN THE ALLOWANCE. ALL HIGH HATS ON SLOPING CEILINGS SHALL BE ADJUSTABLE TYPE. ALL HIGH HATS TO BE LIGHTCOLOR.  
3. ALL EQUIPMENT EXPOSED TO WEATHER SHALL BE WEATHER PROOF. PROVIDE G.F.I. BREAKERS) AT ELECTRICAL PANEL FOR KITCHEN AND BATHS, GARAGE AND EXTERIOR OUTLETS.  
4. PROVIDE DIRECT WIRE SMOKE DETECTORS AS INDICATED ON DRAWINGS AND AS REQUIRED BY CODE.  
5. PROVIDE DOOR BELL AND DECORATIVE CHIME BY NUTONE.  
6. WIRING TO BE IN FLEXIBLE PLASTIC CONDUIT ("ENT") OR METAL CONDUIT, EXCEPT UNDER CABINET LIGHTS IN KITCHEN WHICH ARE ROMEX. EXTERIOR PIPE SHALL BE PVC.  
7. ALL WALL SWITCHES & OUTLETS TO BE "DECORA STYLE", UNLESS NOTED OTHERWISE BY L.A.  
8. ALL SWITCHES FOR PARIABLE FANS & HIGH HATS TO BE ON DIMMER SWITCHES.  
9. ALLOWANCES FOR SECURITY, SOUND SYSTEM, TELEPHONE / PD SYSTEMS: \$15,000.

FEB 05 2001

RENOVATION FOR

DOMINION INDUSTRIAL HOLDINGS

MIAMI BEACH

FLORIDA

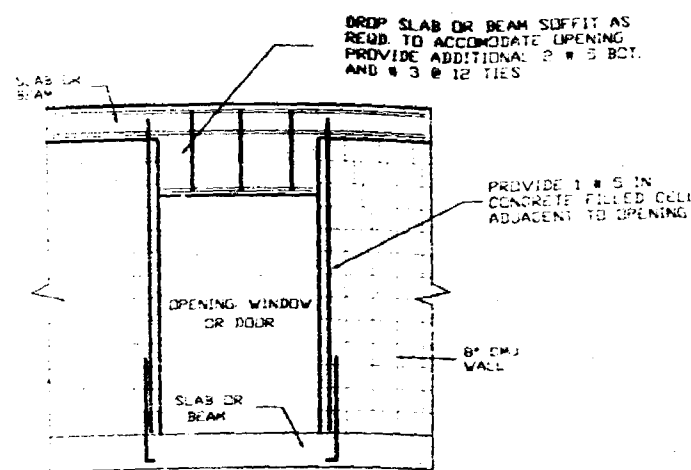
ARCHITECTS

PLANNERS

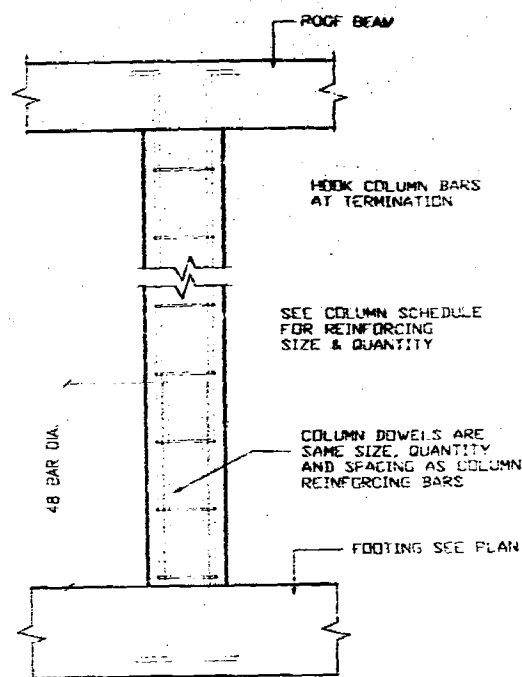
ROBERT WADE AND ASSOCIATES, P.A.

DATE: 1-24-01  
BY: J.S.  
A-11  
OF 11  
NEW RESOURCE

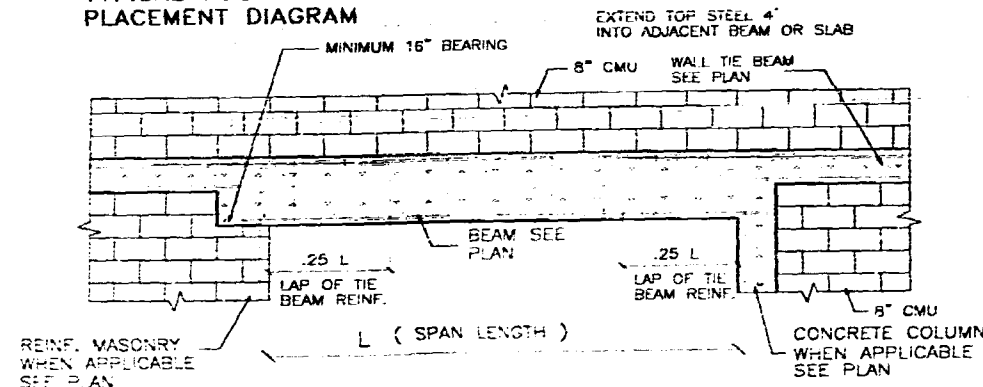




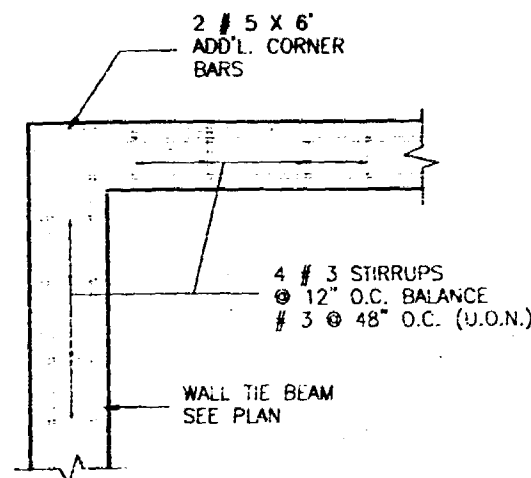
POURED IN PLACE OPTION  
COORDINATE LOCATION AND GEOMETRY OF OPENING'S WITH ARCHITECTURAL DRAWINGS.  
WALL FRAMING AT DOOR AND WINDOW OPENINGS



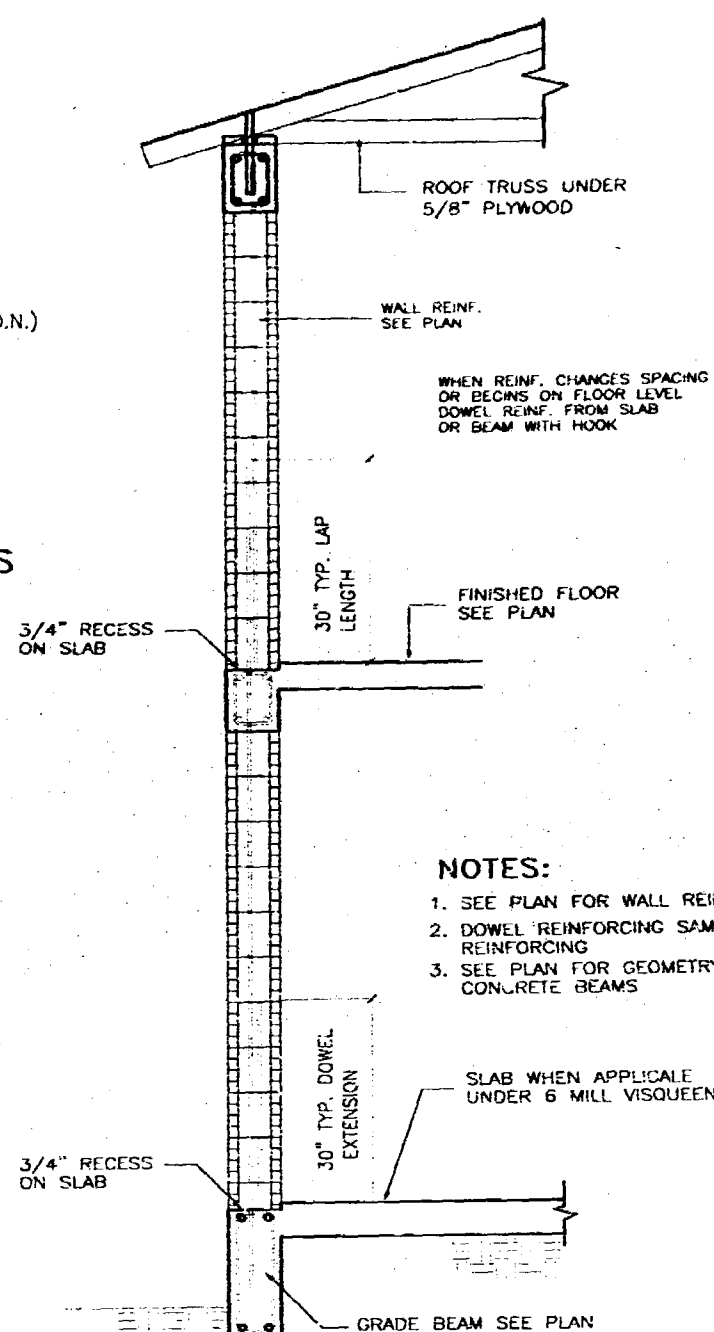
TYPICAL COLUMN REBAR PLACEMENT DIAGRAM



REINFORCING PLACEMENT DIAGRAM  
BEAM TO WALL TIE BEAM



CORNER REINFORCING  
DETAIL FOR ALL TIE BEAMS



TYPICAL WALL SECTION

#### NOTES:

1. SEE PLAN FOR WALL REINFORCING
2. DOWEL REINFORCING SAME AS WALL REINFORCING
3. SEE PLAN FOR GEOMETRY OF WALL CONCRETE BEAMS

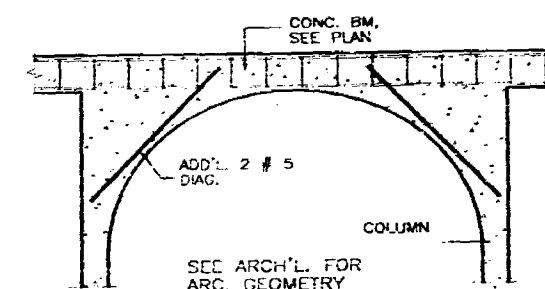
#### GENERAL STRUCTURAL NOTES

- 1.0 GENERAL:
  - A. STRUCTURAL DRAWINGS SHALL BE WORKED TOGETHER WITH CIVIL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO LOCATE, EXPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, BOLT SETTINGS, SLEEVES, DIMENSIONS, ETC.
  1. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IN WRITING FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
  - B. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE LATEST AIA, ASTM, AND AISC SPECIFICATIONS AND RECOMMENDED PRACTICES.
  - C. CONTRACTORS SHALL VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
  - D. NO DIMENSION SHALL BE SCALED FROM THE DRAWINGS.
  1. CONTRACTORS SHALL CHECK AND VERIFY ALL PLANS, DIMENSIONS AND SITE CONDITIONS PRIOR TO CONSTRUCTION.
  - 1.02 BUILDING DESIGNED FOR THE FOLLOWING LIVE LOADS:
 

|                   |                              |
|-------------------|------------------------------|
| ROOF LOADS        | 40 PSF                       |
| FLOOR LOADS       | 40 PSF                       |
| STAIR & CORRIDORS | 100 PSF                      |
| WIND              | AS PER S.F.B.C. FOR 110 MPH. |
  - 1.03 CONTRACTOR SHALL FURNISH HIS COST ESTIMATE FROM PLANS THAT ARE FULLY APPROVED BY BUILDING DEPARTMENT. FINAL ESTIMATE SHALL HAVE ALLOWANCE FOR ALL REQUEST MADE BY BUILDING DEPARTMENT OFFICIALS.

- 2.01 FOUNDATIONS:
  - A. FOUNDATIONS ARE BASED ON AUGERCAST CONCRETE PILES HAVING THE FOLLOWING SIZE AND CAPACITY:
    1. 14" DIA. .... 35 TONS, COMPRESSION
  - B. LENGTH OF PILES SHALL BE BASED ON SOILS ENGINEER RECOMMENDATIONS. CONTRACTOR SHALL RETAIN TESTING LABORATORY TO MONITOR AND CERTIFY ALL PILES DRIVEN.
  1. SUPERVISION SHALL BE BY A QUALIFIED SOILS ENGINEER AND SHALL SUBMIT TO THE CITY AND ARCHITECT A PILE RECORD LOG CONTAINING: PILE SIZE, ORIGINAL LENGTH, FINAL LENGTH
  - C. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE PILE DRIVING OPERATIONS DO NOT CAUSE ANY VIBRATIONS TO ALL ADJACENT STRUCTURES. IF REQUIRED PREDRILLING, OR THE PRECAST PILE, SHALL BE MADE TO A DEPTH REQUIRED TO INSURE THAT NO DAMAGE BE MADE ON ADJACENT STRUCTURES.
  - D. CENTER LINE OF GRADE BEAM SHALL BE CENTER LINE OF PILE.

- 3.01 CONCRETE:
  - A. LAST IN PLACE CONCRETE SHALL BE A MIX DESIGN IN ACCORDANCE WITH AC 308 TO ACHIEVE THE SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI
  - B. ALL CONCRETE SHALL HAVE A SLUMP OF 4 TO 6 INCHES



TYPICAL ARC BEAM REINFORCING

- 4.0 REINFORCEMENT FOR CONCRETE:
  - A. SHALL BE DEFORMED BARS FREE FROM RUST, MILL SCALE, PAINT OR OTHER COATINGS THAT WILL REDUCE BOND AND CONFORMING TO THE STANDARD SPECIFICATIONS FOR DEFORMED BARS FOR CONCRETE REINFORCING, ASTM A 615, GRADE 60
  - B. ALL BARS SHALL BE DETAIL AND FABRICATED FOLLOWING THE REQUIREMENTS OF AIA-318. PLACING OF BARS SHALL CONFORM TO AISC'S RECOMMENDED PRACTICES FOR PLACING REINFORCING BARS
  - C. MINIMUM CONCRETE COVER ON REINFORCING BARS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 

|   |        |
|---|--------|
| 1. CONCRETE BEAMS AND COLUMNS             | 1 1/2" |
| 2. FORMED SURFACES EXPOSED TO WEATHER     | 3"     |
| 3. CONCRETE DEPOSIT AGAINST GROUND        | 3/4"   |
| 4. INTERIOR STRUCTURAL SLABS              | 3/4"   |
| 5. EXTERIOR STRUCTURAL SLABS (GALVALUMES) | 1 1/2" |
- 5.0 MASONRY:
  - A. LOAD-BEARING MASONRY (NON-REINFORCED) SHALL CONFORM TO ASTM C90 (HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS) AND HAVE A COMPRESSIVE STRENGTH F<sub>m</sub> OF 1500 PSI. ALL LOAD-BEARING MASONRY SHALL BE PLACED PRIOR TO THE CONCRETE PLACEMENT OF COLUMNS OR BEAMS.
  - B. MORTAR SHALL COMPLY WITH THE PROPERTIES AND PROPORTIONS OF MORTAR SHALL BE TYPE M. MINIMUM COMPRESSIVE STRENGTH @ 28 DAYS OF 2500 PSI. MINIMUM MIXING TIME MINUTES AFTER ALL INGREDIENTS ARE ADDED.
  - C. ALL EXTERIOR MASONRY WALLS SHALL BE REINFORCED WITH QUAD-O-WALL LOADEN TYPE STANDARD NO. 3 MASONRY REINFORCEMENT OR A/E APPROVED EQUIVALENT AT EVERY OTHER BLOCK COURSE. ENDED 4" INTO COLUMN.
  - D. REINFORCED MASONRY CELLS SHALL BE FILLED WITH PACKED CONCRETE MIX OF FC=2500 PSI AND A 10" SLUMP. FOUR MASONRY CELLS PRIOR TO SLAB OR BEAM POUR. SEE PLANS FOR REINFORCE MASONRY REQUIREMENTS
- 6.0 ANCHOR BOLTS:
  - A. ANCHOR BOLTS SHALL BE ACCURATELY AND SOLIDLY EMBEDDED. GENERAL CONTRACTOR SHALL COORDINATE LOCATION OF THE ANCHOR BOLT WITH THE SYSTEM THAT IS BEING ANCHORED.
- 7.0 TIMBER:
  - A. ALL TIMBER DESIGN AND FABRICATION SHALL CONFORM WITH THE APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, AND THE DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES, PUBLISHED BY THE TRUSS PLATE INSTITUTE.
  - B. SUBMIT SHOP DRAWINGS FOR ALL WOOD STRUCTURAL MEMBERS AND CONNECTIONS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
  - C. ALL TIMBER SIZES, CONNECTORS, FRAMING PLANS NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE PROVIDED BY THE FABRICATOR AND DETAILED ON HIS SHOP DRAWINGS.
  - D. ALL MATERIALS AND CONNECTIONS ARE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER.
  - E. PROVIDE HURRICANE ANCHOR STRAPS, AS REQUIRED BY LOCAL BUILD CODE, TO ALL MEMBERS SUBJECT TO WIND LOADS.
  - F. USE STRESS-RATED TIMBER FOR ALL STRUCTURAL WOOD MEMBERS. PROVIDE THE MINIMUM PROPERTIES FOR WOOD STRUCTURAL MEMBERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS. FOR SOUTHERN PINE:
 

|                        |               |
|------------------------|---------------|
| BENDING STRESS:        | 1,200 PSI     |
| MODULUS OF ELASTICITY: | 1,600,000 PSI |
  - G. BRACING:
    - a. ALL TRUSSES AND WOOD FRAMING MUST BE SECURELY BRACED BOTH DURING ERECTION AND AFTER PERMANENT INSTALLATION. IN ACCORDANCE WITH "BRACING WOOD TRUSSES, COMMENTARY AND RECOMMENDATIONS (BWT-76)" AS PUBLISHED BY TRUSS PLATE INSTITUTE.
    - b. ERECTION BRACING SHALL HOLD TRUSSES STRAIGHT, PLUMB AND IN A SAFE CONDITION UNTIL DECKING AND PERMANENT BRACES BRACING HAS BEEN FASTENED FORMING A STRUCTURALLY SOUND ROOF FRAMING SYSTEM. ALL ERECTION AND PERMANENT BRACING SHALL BE INSTALLED AND ALL TRUSSES PERMANENTLY FASTENED BEFORE APPLICATION OF ANY LOADS TO THE WOOD FRAMING SYSTEM.
    - c. ALL BRACING REQUIREMENTS ALONG WITH PERMANENT STRUCTURAL CROSS BRACING TO ENSURE OVERALL STABILITY OF THE ROOF SYSTEM SHALL BE IN ACCORDANCE WITH THE WOOD ROOF TRUSS DESIGNERS PLANS.
    - d. SAVE ERECTION OF TRUSSES IS THE RESPONSIBILITY OF THE BUILDING CONTRACTOR.
- 8.0 PLYWOOD ROOF SHEATHING:
  - A. SHEATHING SHALL BE C-D EXTERIOR SHEATHING, PANEL INDEX 32/16 MIN. RATED FOR EXPOSURE 1; MIN THICKNESS 19/32"
  - B. INSTALL SHEATHING CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORT.
  - C. NAIL SHEATHING TO SUPPORT WITH 8d NAILS SPACED AT 6" O.C. AT PANEL EDGES AND INTERMEDIATE SUPPORTS

OFFICE COPY  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT  
THE FOLLOWING:

BUILDING: 11/22/01  
ZONING: 200-32-101  
PLUMBING: 11/22/01  
ELECTRICAL: 11/22/01  
MECHANICAL: 11/22/01  
FIRE PREVENTION: 11/22/01  
ENGINEERING: 11/22/01  
PUBLIC WORKS: 11/22/01  
STRUCTURAL: 11/22/01  
ACCESSIBILITY: 11/22/01



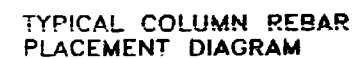
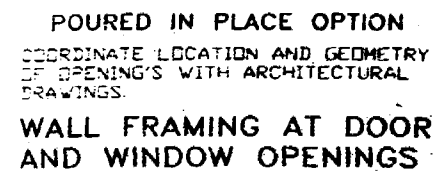
COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL. 33135  
(305) 856-6345

ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA 33130  
PHONE (305) 371-2832 FAX (305) 381-1545

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE.  
FLORIDA

REVISIONS

DATE: 2-13-01  
SHEET: S1  
OF 4



1. SEE PLAN FOR WALL REINFORCING
2. DOWEL REINFORCING SAME AS WALL REINFORCING
3. SEE PLAN FOR GEOMETRY OF WALL CONCRETE BEAMS



1.0 GENERAL:

A. STRUCTURAL DRAWINGS SHALL BE WORKED TOGETHER WITH CIVIL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS TO LOCATE DEPRESSION SLABS, SLOPES, DRAWS, OUTLETS, RECESSES, OPENINGS, BOLT SETTINGS, SLEEVES, DIMENSIONS, ETC.

1. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE IN WRITING FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

B. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE 2000 FLORIDA BUILDING CODE AND THE LATEST AIA, ASTM, AND AISC SPECIFICATIONS AND RECOMMENDED PRACTICE.

C. CONTRACTORS SHALL VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.

D. NO DIMENSION SHALL BE SCALED FROM THE DRAWINGS.

1. CONTRACTORS SHALL CHECK AND VERIFY ALL PLANS, DIMENSIONS AND SITE CONDITIONS PRIOR TO CONSTRUCTION.

1.02 BUILDING DEPENDENT FOR THE FOLLOWING LIVE LOADS

|                   |                              |
|-------------------|------------------------------|
| ROOF              | 30 PSF.                      |
| FLOOR LOADS       | 100 PSF.                     |
| STAIR & CORRIDORS | 100 PSF.                     |
| WIND              | AS PER S.F.B.C. FOR 110 MPH. |

1.03 CONTRACTOR SHALL FURNISH HIS COST ESTIMATE FROM PLANS THAT HE PREPARED FOR THE BUILDING DEPARTMENT. FINAL ESTIMATE SHALL HAVE ALLOWANCE FOR ALL REQUEST MADE BY BUILDING DEPARTMENT OFFICIALS.

2.01 FOUNDATIONS:

A. FOUNDATIONS ARE BASED ON ALUMINUM CAST CONCRETE PILES HAVING THE FOLLOWING SIZE AND CAPACITY.

1. 14" DIA. .... 35 TONS. COMPRESSION

LENGTH OF PILE SHALL BE BASED ON SOILS ENGINEERING RECOMMENDATIONS. CONTRACTOR SHALL RETAIN TESTING LABORATORY TO MONITOR AND CERTIFY ALL PILES DRIVEN.

1. SUPERVISION SHALL BE BY A QUALIFIED SOILS ENGINEER AND SHALL SUBMIT TO THE CITY AND ARCHITECT A PILE RECORD LOG CONTAINING: PILE SIZE, ORIGINAL LENGTH, FINAL LENGTH

CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE PILE DRIVING OPERATIONS DO NOT CAUSE ANY VIBRATIONS TO ALL ADJACENT STRUCTURES. IF REQUIRED PREDRILLING OF THE PRECAST PILE, SHALL BE MADE TO A DEPTH REQUIRED TO INSURE THAT NO DAMAGE BE MADE ON ADJACENT STRUCTURES.

CENTER LINE OF GRADE BEAM, SHALL BE CENTER LINE OF PILE.

3.01 CONCRETE:

1. CAST IN PLACE CONCRETE SHALL BE A MIX DESIGN IN ACCORDANCE WITH 318 TO ACHIEVE THE SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI

2. ALL CONCRETE SHALL HAVE A SLUMP OF 4 TO 6 INCHES



- A. LOAD-BEARING MASONRY (NON-REINFORCED) SHALL CONFORM TO ASTM C90 "HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS" AND HAVE A COMPRESSIVE FURNACE STRENGTH  $F_m$  OF 1500 PSI. ALL LOAD-BEARING MASONRY SHALL BE CONSTRUCTED TO THE CONCRETE PLACEMENT OF COLUMNS OR BEAMS.
- B. MORTAR SHALL COMPLY WITH THE PROPERTIES AND PROPORTIONS OF ASTM C270 EXCEPT THAT SLAC CEMENTS SHALL NOT BE USED. MORTAR SHALL BE MIXED TO A MINIMUM COMPRESSIVE STRENGTH OF 28 DAYS OF 2500 PSI. MINIMUM MIXING TIME FIVE MINUTES AFTER ALL COMPONENTS ARE ADDED.
- C. ALL EXTERIOR MASONRY WALLS SHALL BE REINFORCED WITH BARS OR MESH TO MEET TYPE STANDARD 8 MASONRY REINFORCEMENT OR EQUIV. APPROX. EQUIVALENT AT EVERY OTHER BLOCK COURSE. ENDS AT TOP COLUMN.
- D. REINFORCED MASONRY CELLS SHALL BE FILLED WITH FIBERLOK CONCRETE OF 4" MIN. SLAB AND A 10" SLUMP. POUR MASONRY CELLS PRIOR TO SLAB OR BEAM CUR. SEE PLANS FOR REINFORCE MASONRY REQUIREMENTS.

A. ANCHOR BOLTS SHALL BE ACCURATELY AND SOLIDLY EMBEDDED  
GENERAL CONTRACTOR SHALL COORDINATE  
LOCATION OF THE ANCHOR BOLT WITH THE SYSTEM THAT IS  
BEING ANCHORED.

A. ALL TRUSS DESIGN AND FABRICATION SHALL CONFORM WITH THE APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, AND THE DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES, PUBLISHED BY THE TRUSS PLATE INSTITUTE.

- B. SUBMIT SHOP DRAWINGS FOR ALL WOOD STRUCTURAL MEMBERS FOR APPROVAL TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
  - C. ALL TIMBER STUDS, CONNECTORS, FRAMING PLANS NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE PROVIDED BY THE FABRICATOR.
  - D. ALL BOLTED OR NAILLED JOINTS SHALL BE SHOWN ON THE DRAWINGS.
  - E. ALL MATERIALS AND CONNECTIONS ARE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER.
  - F. PROVIDE HURRICANE ANCHOR STRAPS, AS REQUIRED BY LOCAL BUILD CODE, TO ALL MEMBERS SUBJECT TO WIND LOADS.
  - G. USE STRESS-RATED TIMBER FOR ALL STRUCTURAL WOOD MEMBERS.
  - H. PROVIDE THE LARGEST WOOD MEMBER FOR ALL WOOD STRUCTURAL MEMBERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- FOR SOUTHERN PINE:
- BENDING STRESS: 1,200 PSI
  - MODULUS OF ELASTICITY: 1,600,000 PSI

[illegible]

- a. SHEATHING SHALL BE C-D EXTERIOR SHEATHING, PANEL INDEX 32/16 MIN., RATED FOR EXPOSURE 1; MIN THICKNESS 19/32".
- b. INSTALL SHEATHING CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORT.
- c. NAIL SHEATHING TO SUPPORT WITH 8D NAILS SPACED AT 6" O.C AT PANEL EDGES AND INTERMEDIATE SUPPORTS.

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

1. NAME  
 2. DATE  
 3. TIME  
 4. LOCATION  
 5. REASON  
 6. WITNESSES  
 7. SIGNATURE  
 8. INITIALS  
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**ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS**

520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI  
FLORIDA

**PLANNERS**

PHONE (305) 371-2637 FAX (305) 381-6541  
AAC0008

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

## REVISIONS

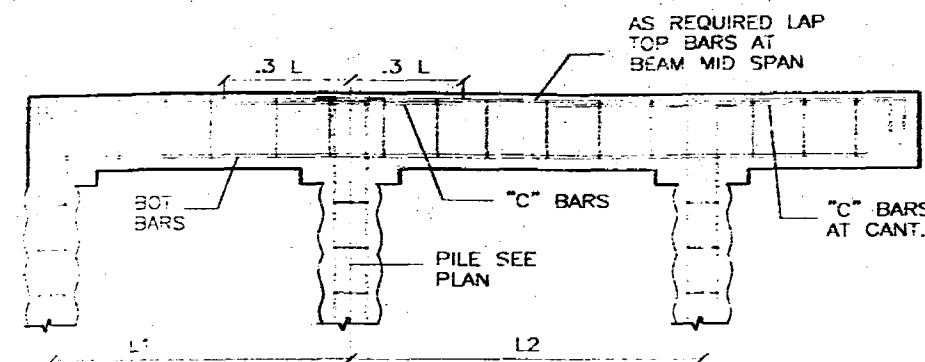
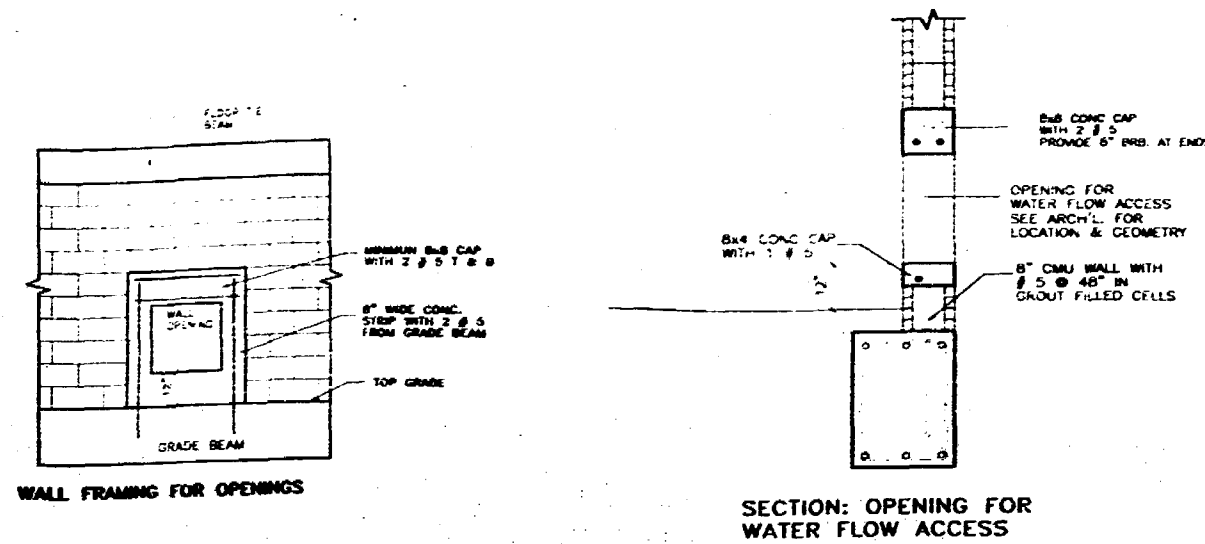
DATE 2-13-01  
SHEET S1  
OF 4

PHONE (305) 371-2832 FAX (305) 381-6544  
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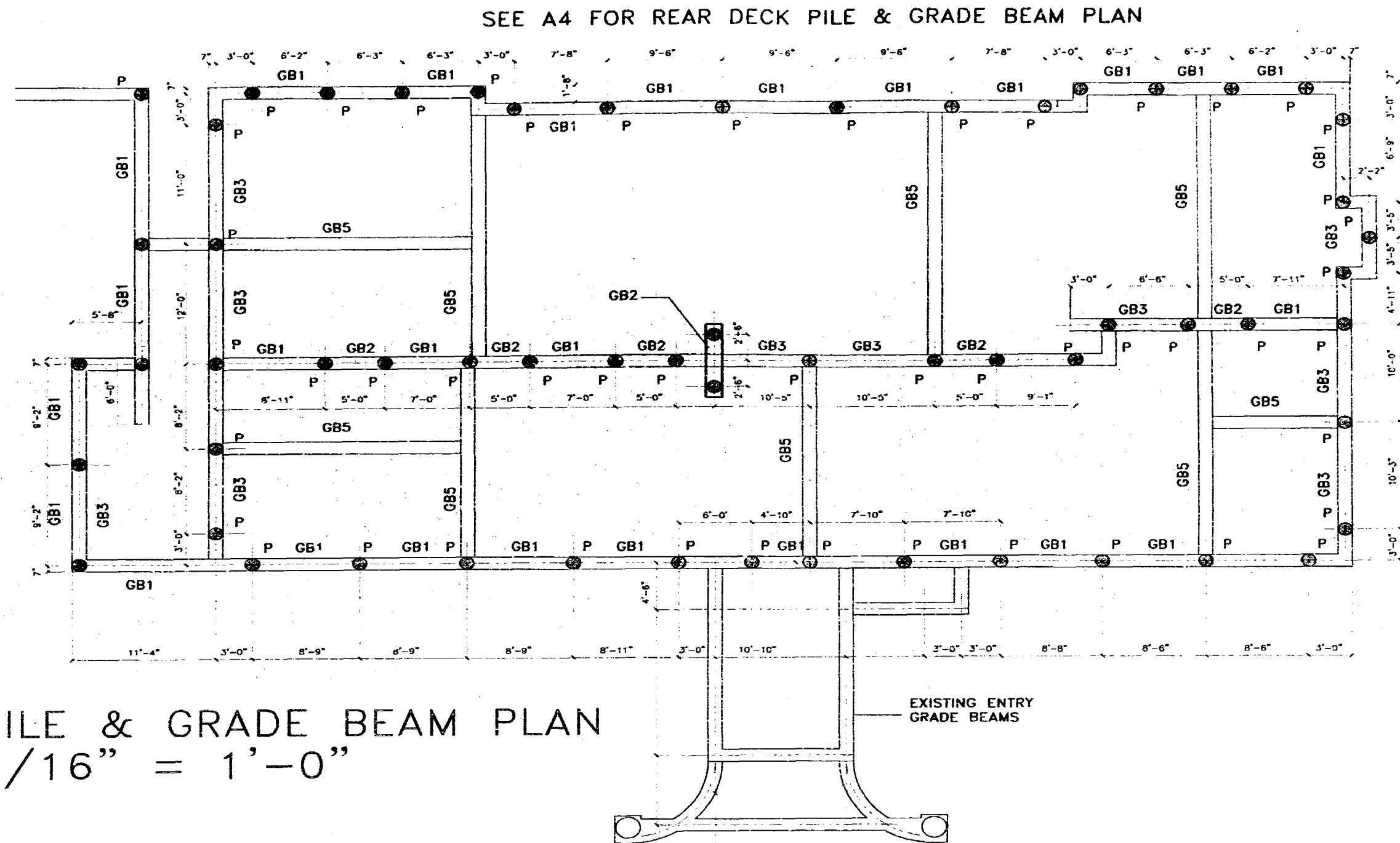
220 BRUCKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI FLORIDA

MIAMI BEACH, 94 PALM AVE. FLORIDA

15 OF 4



- NOTES
1. L IS GREATER OF ADJACENT SPANS
  2. REINFORCING COVER:  
3" AREA EXPOSED TO EARTH  
2" AREA EXPOSED TO WEATHER



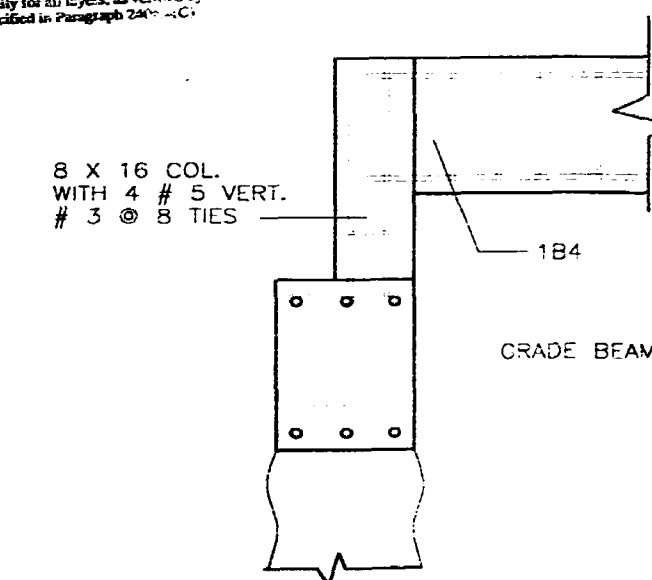
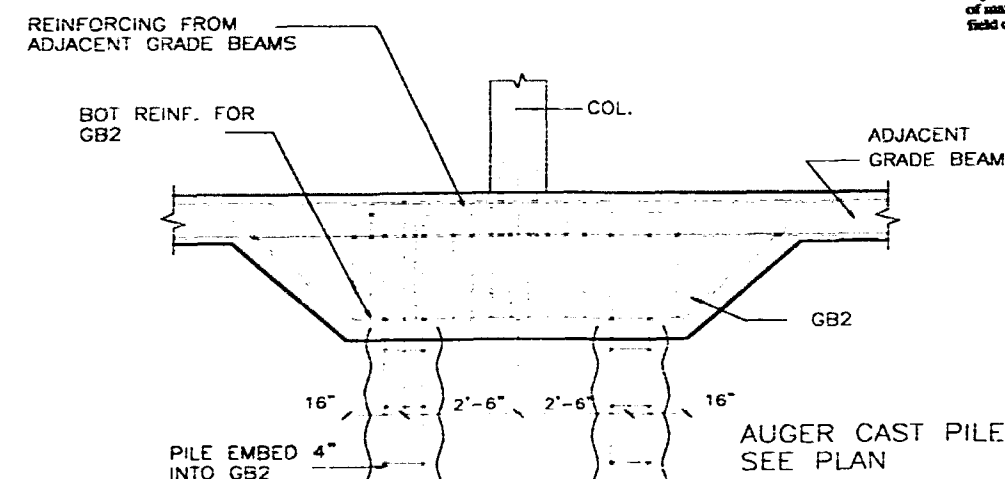
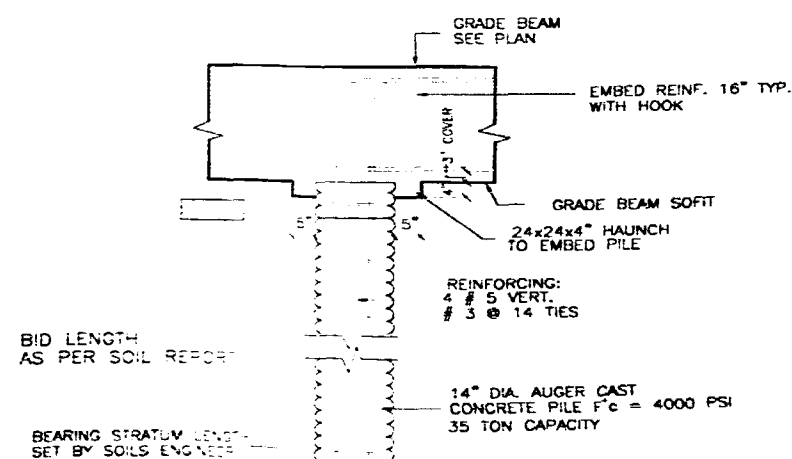
P: 14" Dia. AUGER CAST PILE  
WITH 35 TON COMPRESSION  
CAPACITY

City of Miami Beach  
Building Department

1. The Licensed Architect or Registered Professional Engineer of record shall submit to the City of Miami Beach Inspector at the time of construction a signed letter stating that the site was observed and the foundation conditions are similar to those upon which the design is based.
2. Fill supporting such slabs shall be compacted under the supervision of a Special Inspector to a minimum of 95% of maximum dry density for all layers, as verified by field density tests specified in Paragraph 240-1.1C.

GRADE BEAM SCHEDULE

| MARK | SIZE<br>B" X H" | REINFORCING |       |     | STIRRUPS |
|------|-----------------|-------------|-------|-----|----------|
|      |                 | BOT         | TOP   | "C" |          |
| GB1  | 14 X 20         | 3 # 6       | 3 # 6 |     | # 3 @ 6" |
| GB2  | 14 X 36         | 3 # 6       | 3 # 6 |     | # 3 @ 4" |
| GB3  | 14 X 20         | 3 # 7       | 3 # 6 |     | # 3 @ 6" |
| GB4  | 14 X 20         | 3 # 7       | 3 # 7 |     | # 4 @ 4" |
| GB5  | 14 X 16         | 3 # 5       | 3 # 5 |     | 3 @ 12"  |



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

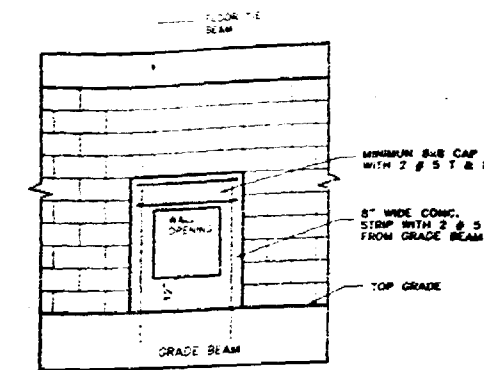
DATE: 2-13-01  
SHEET: S2  
OF 8

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

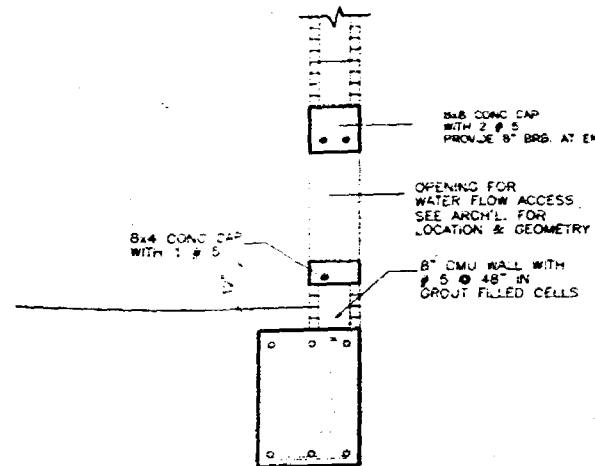
ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS  
PHONE (305) 371-2832 FAX (305) 381-6548  
930 BRICKELL AVE. SUITE 201  
MIAMI, FL 33135

RESIDENCE FOR  
INDUSTRIAL HOLDINGS  
DOMINION  
MIAMI BEACH, 94 PALM AVE.  
FLORIDA

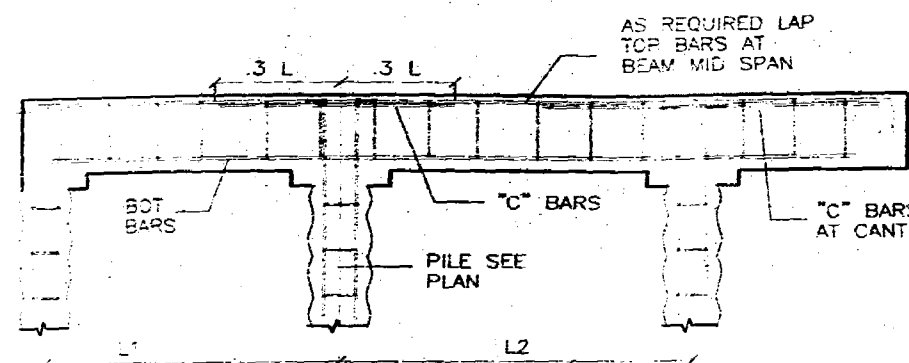
REVISIONS



WALL FRAMING FOR OPENINGS



SECTION: OPENING FOR WATER FLOW ACCESS



NOTES

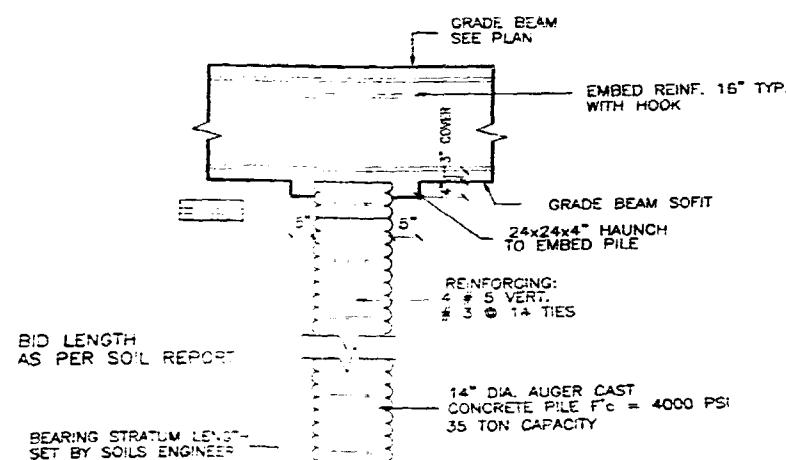
1. L IS GREATER OF ADJACENT SPANS
2. REINFORCING COVER:
  - 3\"/>

# PILE & GRADE BEAM PLAN 3/16\"/>

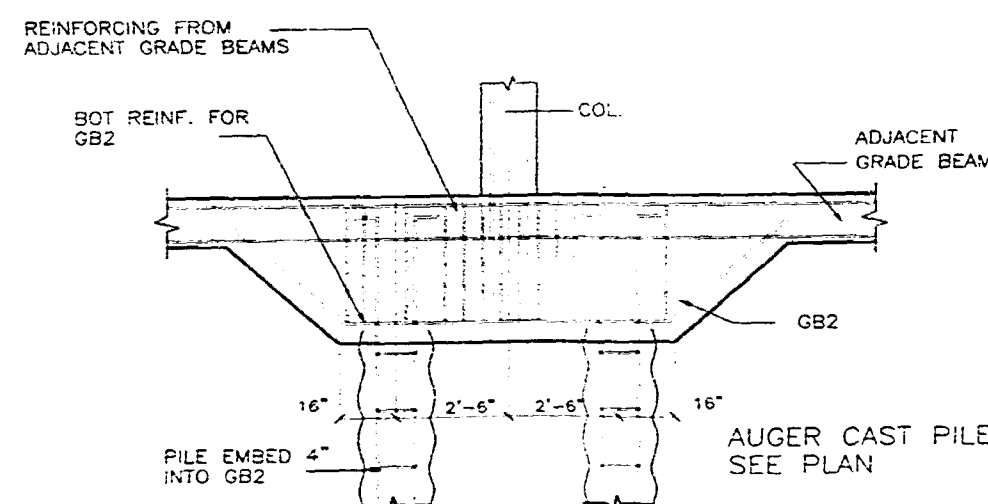
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## GRADE BEAM SCHEDULE

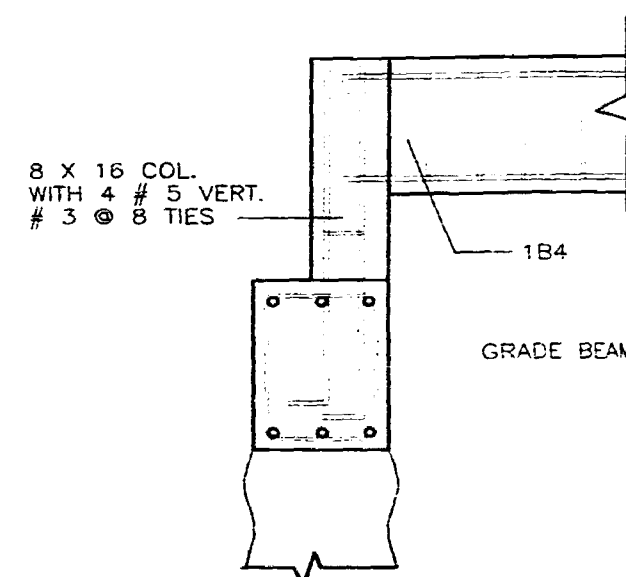
| MARK | SIZE<br>B\"/> |
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TYPICAL AUGER GROUT INJECTED PILE



SECTION: GB2 AND ADJOINING GRADE BEAMS



CONNECTION: FLOOR BEAMS TO GRADE BEAM



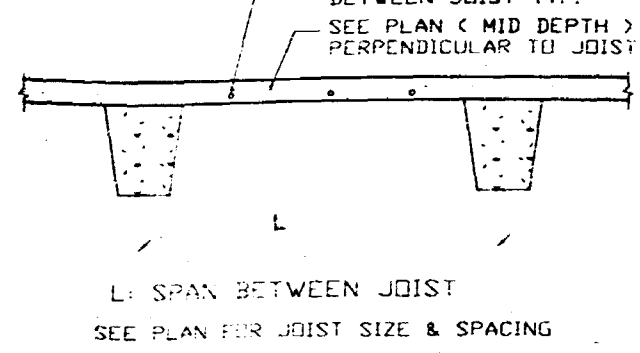
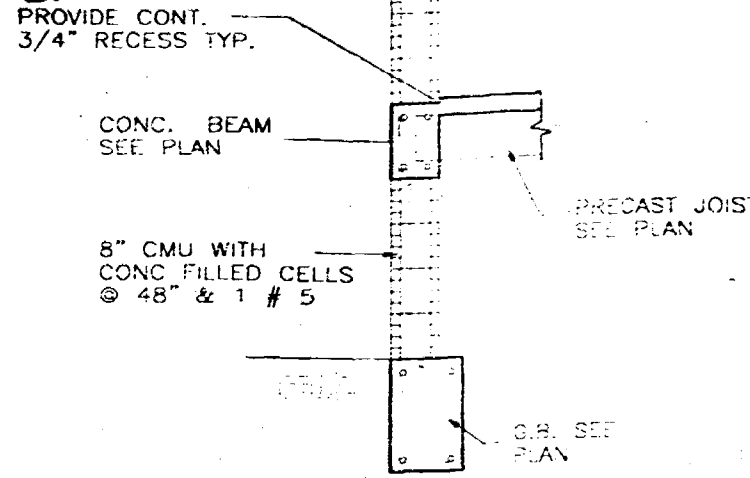
COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS  
PLANNERS  
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190 BROWELL AVE. SUITE 201  
MIAMI, FL 33135

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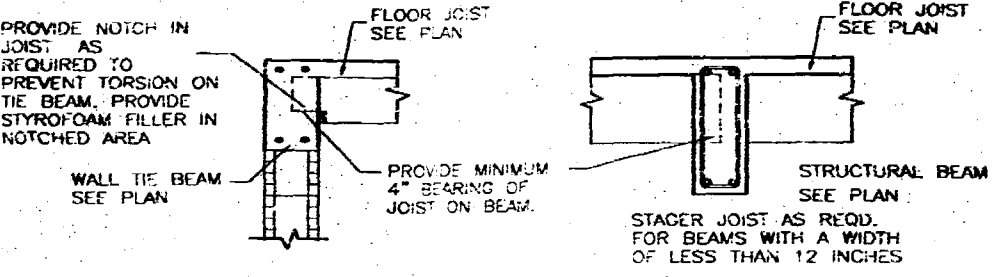
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OF 8



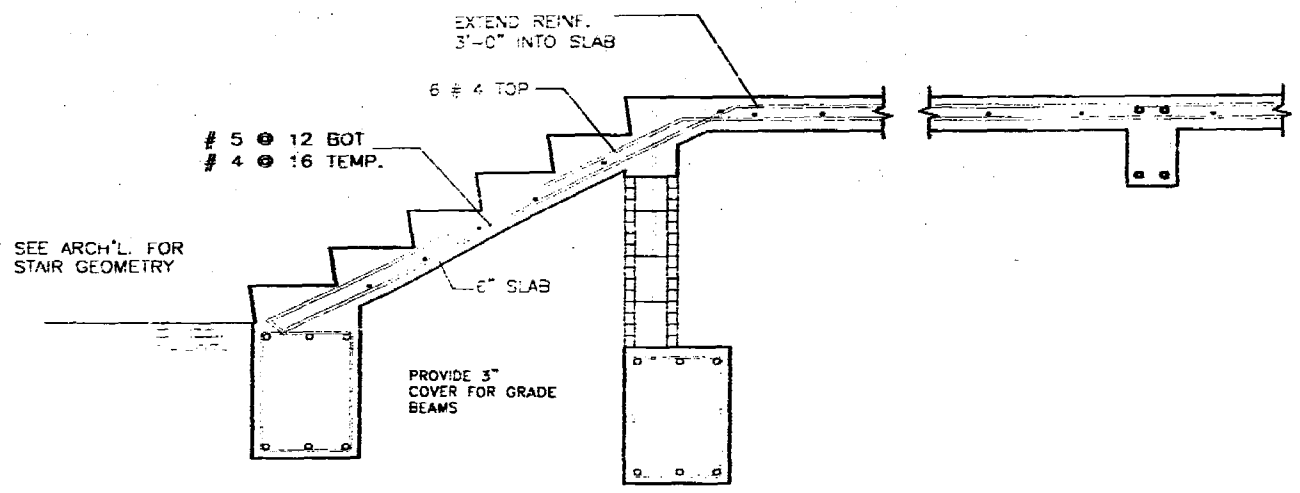
REINFORCING PLACING DIAGRAM FOR SLAB JOIST SYSTEM

CONCRETE MASONRY WALL NOTES

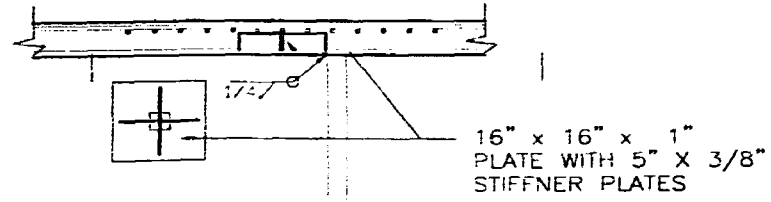
ALL MASONRY WALLS CONSIST OF 8" CMU WITH GROUT FILLED CELLS AT 32" & 1 # 7: F'm= 1500 PSI PROVIDE # 8 ( 9 GAUGE ) LADDER TYPE HORIZ. REINF. AT 16" O.C. TYP. FILL REINFORCED CELLS WITH GROUT HAVING WITH MIN. 10" SLUMP. STRENGTH F'c= 2500 PSI! COMPLYING WITH ASTM C476 MAXIMUM UNBRACED 4' MAXIMUM POUR HEIGHT 10' POUR MASONRY CELLS PRIOR TO THE TIE BEAM CONCRETE POUR



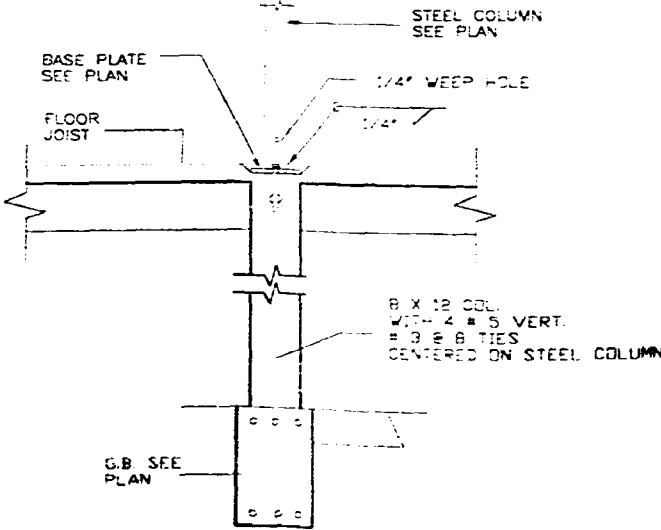
TYPICAL BEARING FOR PRECAST CONCRETE JOIST



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



TOP PLATE FOR SC1



NOTE: WHEN COLUMNS ARE CONCRETE FILLED, PROVIDE 1/4" WEEP HOLES AS REQ. FOR PROPER CONCRETE PLACEMENT

TYPICAL STEEL COLUMN ELEVATION FOUNDATION TO FIRST FLOOR

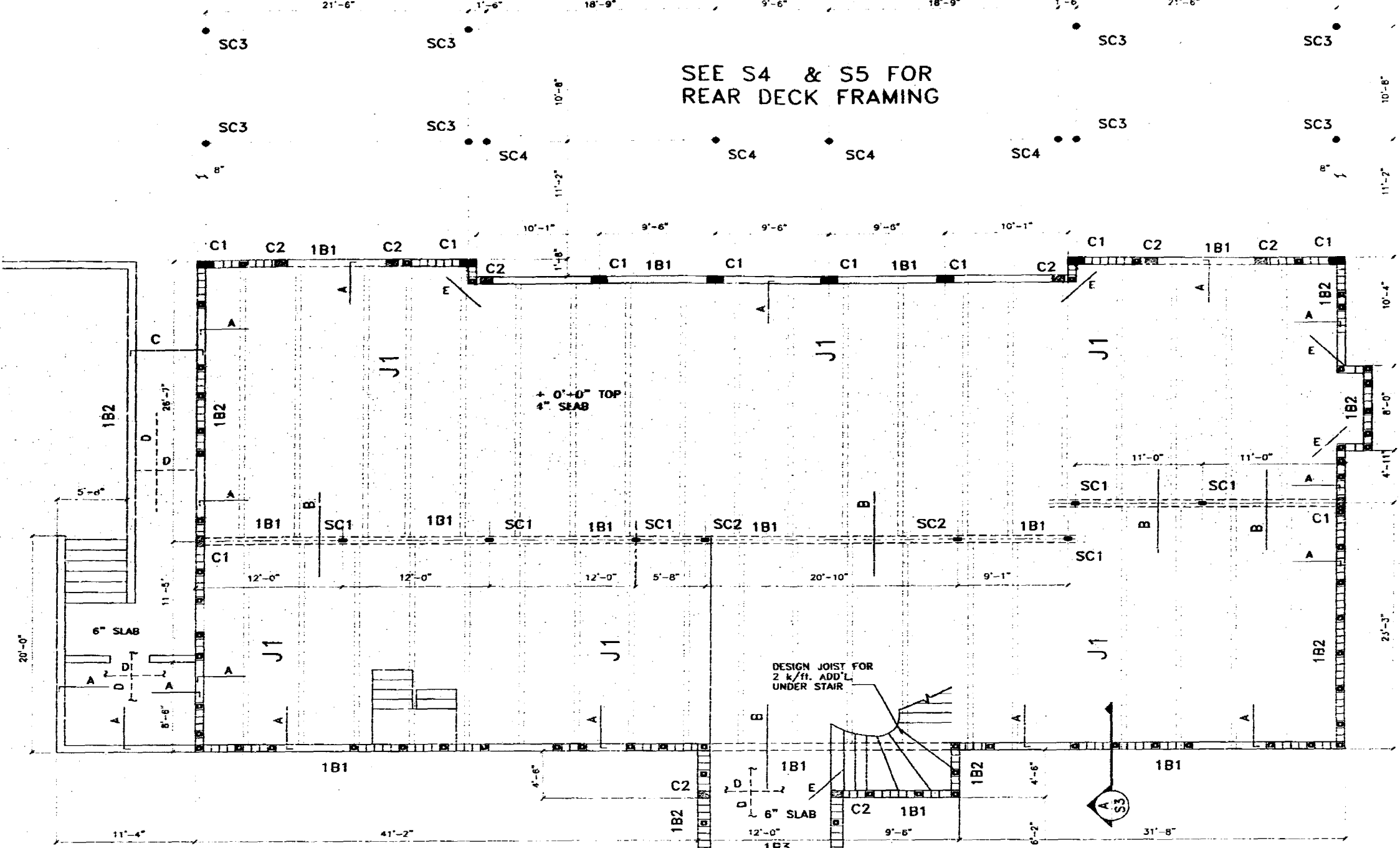
| STEEL COLUMN SCHEDULE |                 |                 |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| COLUMN ELEVATION      | COLUMN MARK     |                 |                 |                 |                 |
|                       | SC1             | SC2             | SC3             | SC4             | SC5             |
| CAP PL.               | 16x16x 1"       | 12x12x 1"       | 12x12x 1"       |                 |                 |
| COLUMN                | TS 6x4x1/2"     | TS 6x4x 1/2"    | 5" Dia. SCH 80  | 4" Dia. SCH 40  | TS 4x4x 1/4"    |
| WELD                  | 3/16" FILLET    | 3/16" FILLET    | 3/16" FILLET    | 3/16" FILLET    | 3/16" FILLET    |
| BASE PL.              | 8 x 12 x 3/4"   | 8 x 12 x 3/4"   | 8 x 12 x 3/4"   | 8 x 12 x 3/4"   | 8 x 12 x 3/4"   |
| NON-SHRINK GROUT      | 2- 3/4"x 8" AB. | 2- 3/4"x 8" AB. | 2- 3/4"x 8" AB. | 2- 3/4"x 8" AB. | 2- 3/4"x 8" AB. |

- NOTES:
1. FIELD DETERMINE REQUIRED COLUMN HEIGHT
  2. PROVIDE LEVELING NUTS AS REQ. AT BASE PLATE
  3. U.O.N. PROVIDE 2- 3/4" X 8" WELDED STUD ANCHORS AT CAP PLATE
  4. ANCHOR BOLTS MULTI KWIK BOLT # SYSTEM
  5. BASE PLATE SHALL BE EMBEDDED
  6. COLUMNS SHALL BE FILLED WITH GROUT. PROVIDE WEEP HOLES

CONCRETE JOIST SCHEDULE

J1 8" PRECAST PRESTRESSED CONCRETE JOIST SPACED AT 3'-6" O.C. UNDER 4" SLAB REINFORCED WITH # 3 @ 12" PERPENDICULAR TO JOIST AND 3 # 3 PARALLEL TO JOIST

FIRST FLOOR FRAMING PLAN 3/16" = 1'-0"



SLAB REINFORCING SCHEDULE

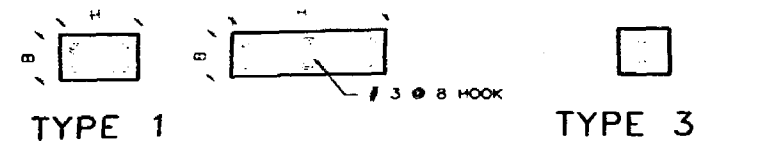
| MARK | SIZE, SPACING, LENGTH | LOCATION |
|------|-----------------------|----------|
| A    | # 4 @ 16" X 4'        | TOP      |
| B    | # 4 @ 12" X 8'        | TOP      |
| C    | # 4 @ 16"             | TOP      |
| D    | # 4 @ 12"             | BOT      |
| E    | 2 # 4 X 4'            | MID      |

CONCRETE BEAM SCHEDULE

| MARK | SIZE    | ELEV. | REINFORCING STIRRUPS |                |
|------|---------|-------|----------------------|----------------|
|      | 8" X H" |       | BOT                  | TOP            |
| 1B1  | 8 X 20  | 0'-0" | 2 # 5                | 2 # 5 # 3 @ 48 |
| 1B2  | 8 X 12  | 0'-0" | 2 # 5                | 2 # 5 # 3 @ 48 |
| 1B3  | 8 X 16  | 0'-0" | 2 # 6                | 2 # 5 # 3 @ 6  |

CONCRETE COLUMN SCHEDULE

| MARK | SIZE    | REINFORCING |         | TYPE   |
|------|---------|-------------|---------|--------|
|      | 8" X H" | VERTICAL    | TIES    |        |
| C1   | 8 X 16  | 4 # 6       | # 3 @ 8 | TYPE 1 |
| C2   | 8 X 12  | 4 # 6       | # 3 @ 8 | TYPE 1 |
| C3   | 8 X 39  | 6 # 6       | # 3 @ 8 | TYPE 2 |
| C4   | 8 X 8   | 2 # 5       | # 3 @ 8 | TYPE 3 |



TYPE 1 TYPE 3



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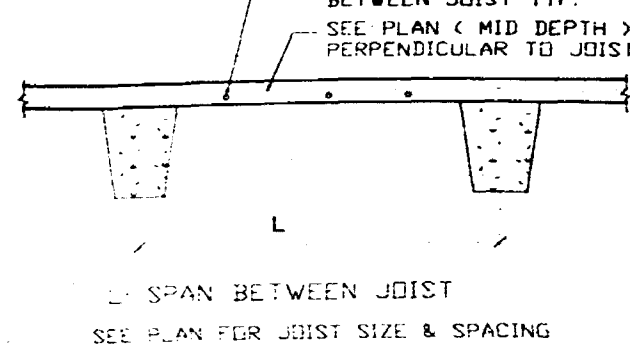
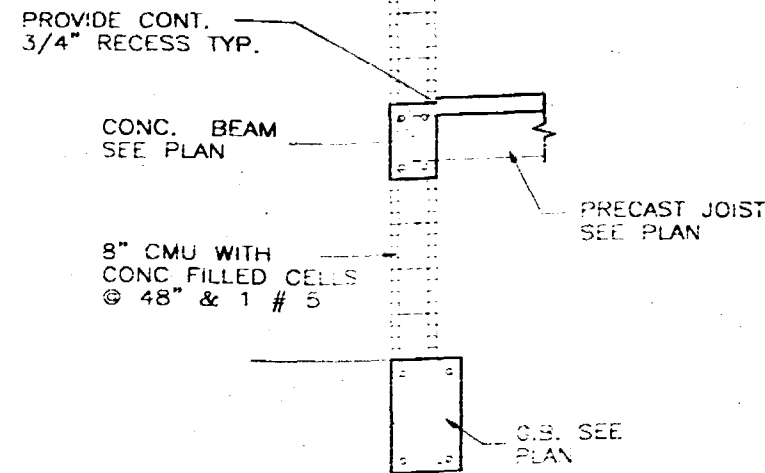
ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS  
PLANNER  
PHONE (305) 371-2832 FAX (305) 381-1400  
320 BROCKELL KEY DRIVE OFFICE PLAZA 201  
MIAMI FLORIDA

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DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

REVISIONS

DATE 2-13-01  
SHEET S3 OF 8

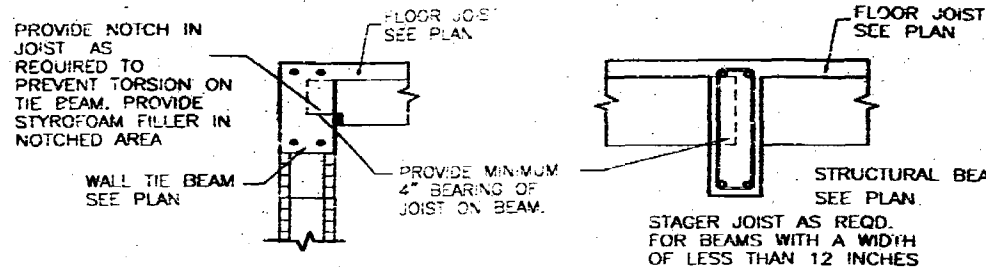




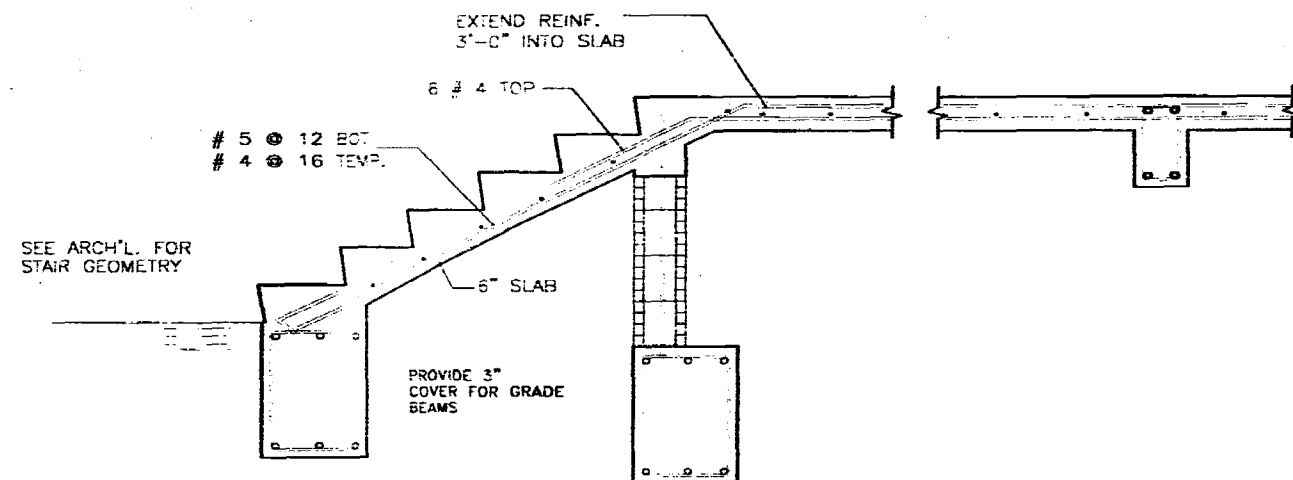
REINFORCING PLACING DIAGRAM  
FOR SLAB JOIST SYSTEM

#### CONCRETE MASONRY WALL NOTES

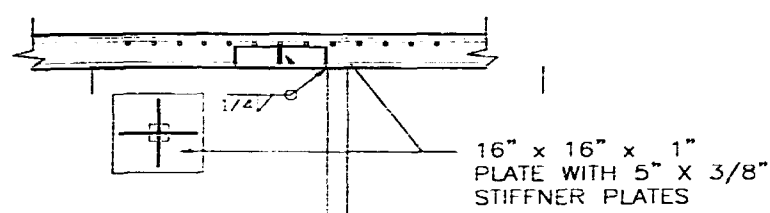
ALL MASONRY WALLS CONSIST OF 8" CMU WITH GROUT FILLED CELLS AT 32" & 1" # 7. F'm= 1500 PSI. PROVIDE # 8 ( 9 GAUGE ) LADDER TYPE HORZ. REINF. AT 16" O.C. TYP. FILL REINFORCED CELLS WITH GROUT HAVING WITH MIN. 10" SLUMP. STRENGTH F'c= 2500 PSI. COMPLYING WITH ASTM C476. MAXIMUM LIFT UNBRACED 4'. MAXIMUM POUR HEIGHT 10'. POUR MASONRY CELLS PRIOR TO THE TIE BEAM CONCRETE POUR.



TYPICAL BEARING FOR PRECAST CONCRETE JOIST



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



TOP PLATE FOR SC1

| STEEL COLUMN SCHEDULE |                   |                   |                   |                   |                   |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| COLUMN ELEVATION      | COLUMN MARK       |                   |                   |                   |                   |
|                       | SC1               | SC2               | SC3               | SC4               | SC5               |
| CAP PL.               | 16x16x 1"         | 12x12x 1"         | 12x12x 1"         | 4" Dia. SCH 40    | TS 4x4x 1/4"      |
| COLUMN                | TS 6x4x 1/2"      | TS 6x4x 1/2"      | 5" Dia. SCH 80    | 3/16" FILLET      | 3/16" FILLET      |
| WELD                  | 3/16" FILLET      | 3/16" FILLET      | 3/16" FILLET      | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     |
| BASE PL.              | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     |
|                       | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. |

#### NOTES:

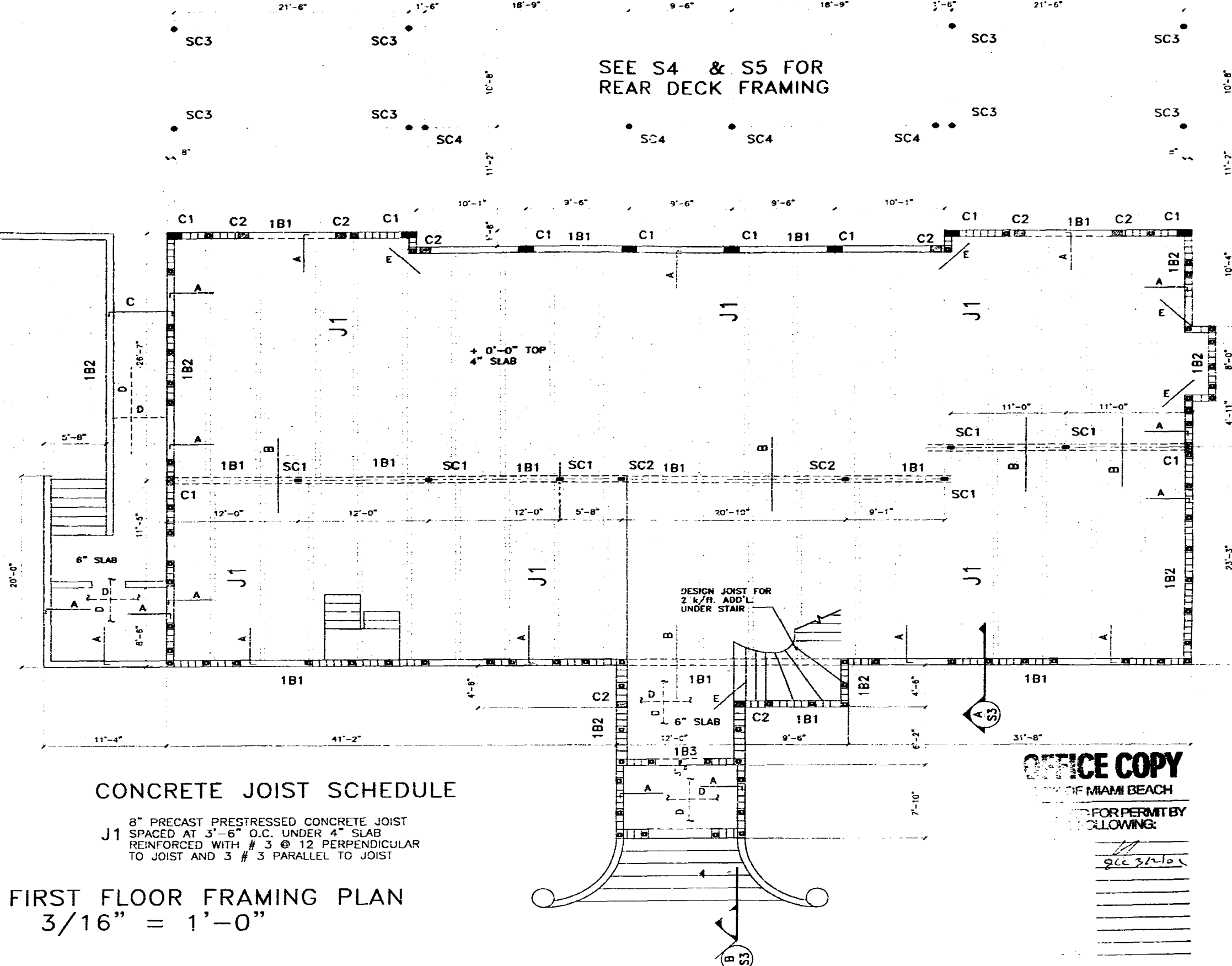
1. FIELD DETERMINE REQUIRED COLUMN HEIGHT
2. PROVIDE LEVELING NUTS AS REQD. AT BASE PLATE
3. U.O.N. PROVIDE 2- 3/4" x 8" WELDED STUD ANCHORS AT CAP PLATE
4. ANCHOR BOLTS HILTI KWIK BOLT II SYSTEM
5. BASE PLATE SHALL BE EMBEDDED
6. COLUMNS SHALL BE FILLED WITH GROUT. PROVIDE WEEP HOLES

TYPICAL STEEL COLUMN ELEVATION FOUNDATION TO FIRST FLOOR

#### CONCRETE JOIST SCHEDULE

J1 8" PRECAST PRESTRESSED CONCRETE JOIST SPACED AT 3'-6" O.C. UNDER 4" SLAB REINFORCED WITH # 3 @ 12 PERPENDICULAR TO JOIST AND 3 # 3 PARALLEL TO JOIST

#### FIRST FLOOR FRAMING PLAN 3/16" = 1'-0"

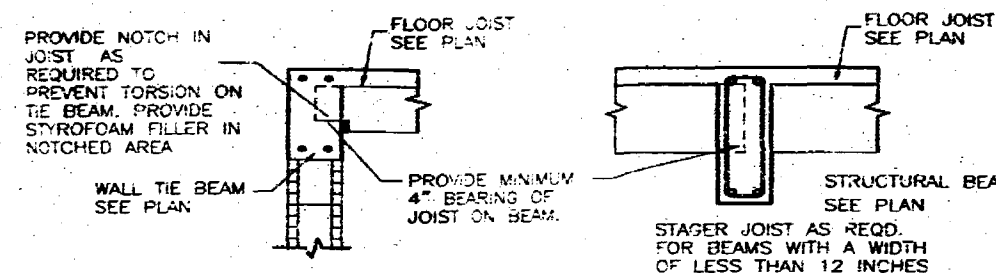


### REINFORCING PLACING DIAGRAM FOR SLAB JOIST SYSTEM

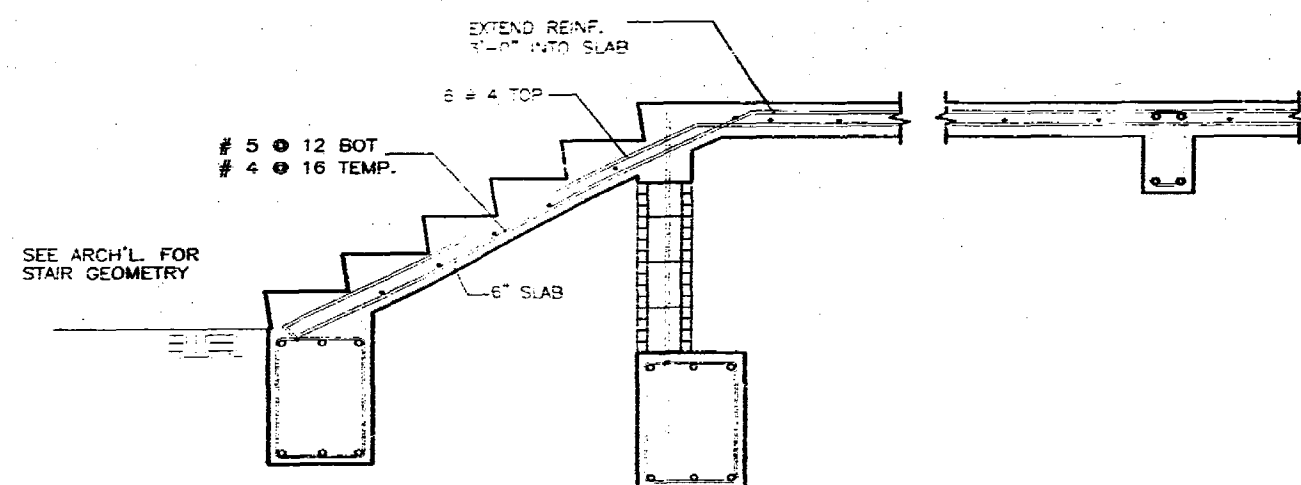
## CONCRETE MASONRY WALL NOTES

ALL MASONRY WALLS CONSIST OF  
8" CMU WITH GROUT FILLED CELLS  
AT 32" & 1 # 7; F'm= 1500 PSI  
PROVIDE #.8 ( 9 GAUGE ) LADDER  
TYPE HORZ. REINF. AT 16" O.C. TYP.  
FILL REINFORCED CELLS WITH  
GROUT HAVING WITH MIN. 10" SLUMP  
STRENGHT F'c= 2500 PSI  
COMPLYING WITH ASTM C476  
MAXIMUM LIFT UNBRACED 4'  
MAXIMUM POUR HEIGHT: 10'  
POUR MASONRY CELLS PRIOR TO  
THE TIE BEAM CONCRETE POUR

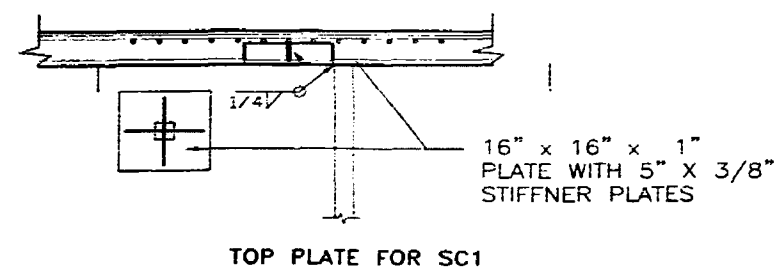
**B** SECTION  
SCALE:  $\frac{3}{4}" = 1'-0"$

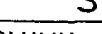


TYPICAL BEARING FOR PRECAST CONCRETE JOIST



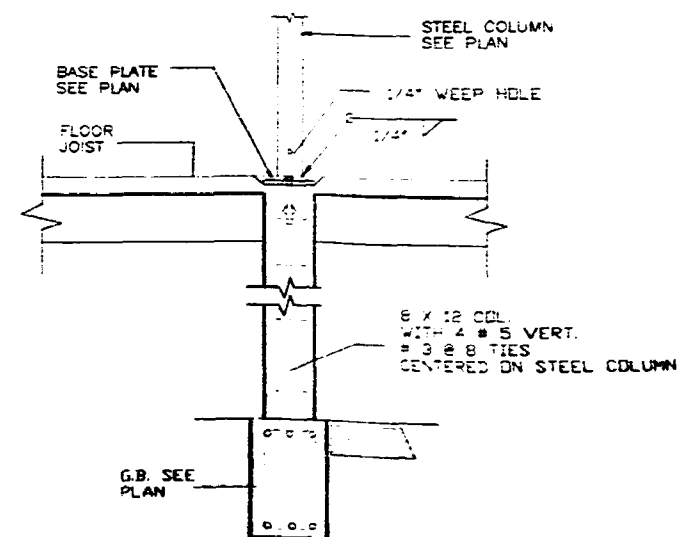
**B** SECTION  
SCALE:  $3/4" = 1'-0"$



| STEEL COLUMN SCHEDULE   |                   |                   |                   |                   |
|---|-------------------|-------------------|-------------------|-------------------|
| COLUMN ELEVATION  | COLUMN MARK       |                   |                   |                   |
|   | SC1               | SC2               | SC3               | SC4               |
|  | 16x16x 1"         | 12x12x 1"         | 12x12x 1"         |                   |
| CAP PL.   | 16x16x 1"         | 12x12x 1"         | 12x12x 1"         |                   |
| COLUMN  | TS 6x4x1/2"       | TS 6x4x 1/2"      | 5" Dia. SCH 80    | 4" Dia. SCH 40    |
| WELD  | 3/16" FILLET      | 3/16" FILLET      | 3/16" FILLET      | 3/16" FILLET      |
| BASE PL.  | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     | 8 x 12 x 3/4"     |
| 1" NON-SHRINK GROUT   | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. | 2- 3/4" x 8" A.B. |

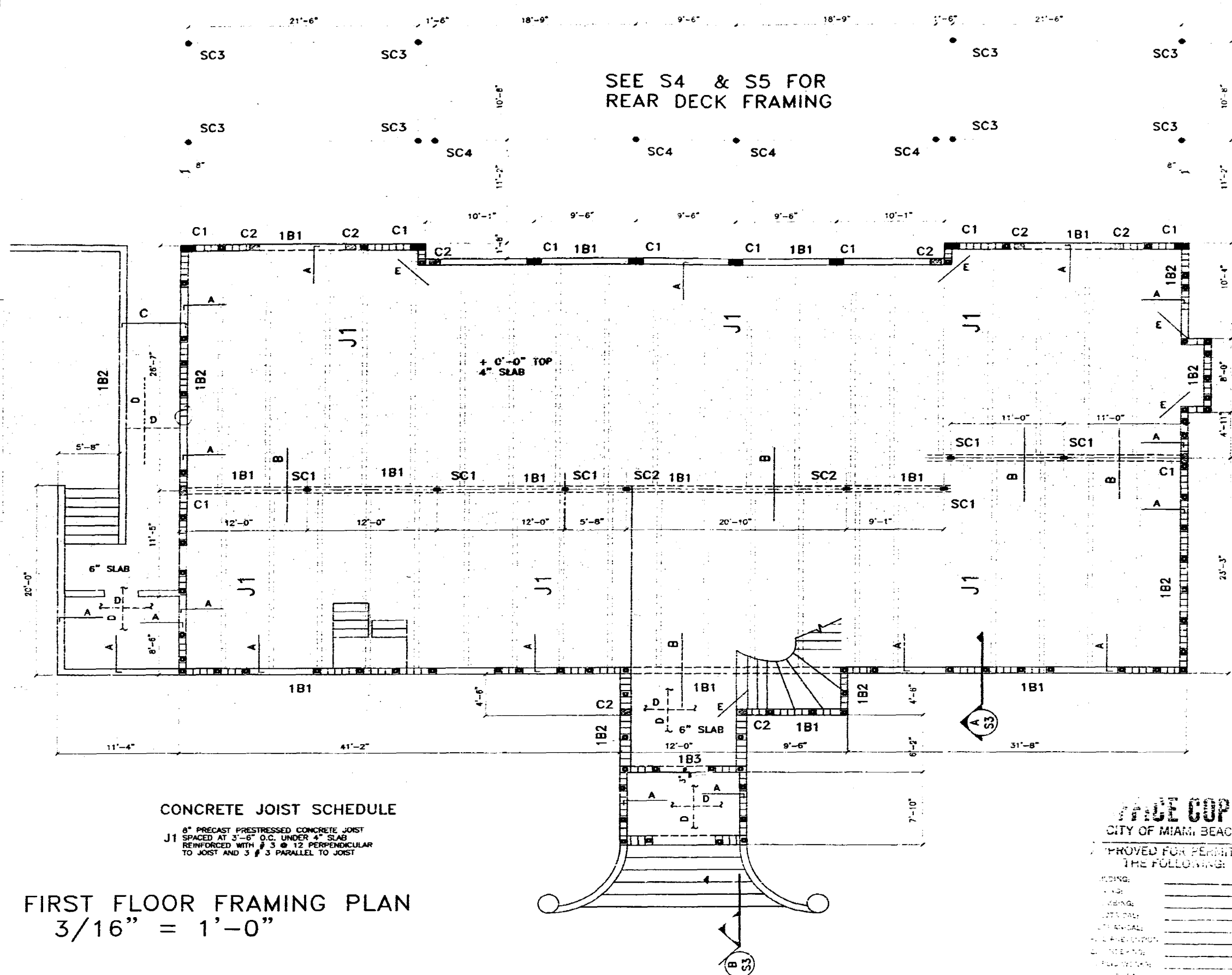
**NOTES:**

1. FIELD DETERMINE REQUIRED COLUMN HEIGHT
2. PROVIDE LEVELING NUTS AS REQD. AT BASE PLATE
3. U.O.N. PROVIDE 2- 3/4" X 8" WELDED STUD ANCHORS AT CAP PLATE
4. ANCHOR BOLTS MILTI KWIK BOLT N SYSTEM
5. BASE PLATE SHALL BE EMBEDDED
6. COLUMNS SHALL BE FILLED WITH GROUT. PROVIDE WEEP HOLES



NOTE: WHEN COLUMNS ARE CONCRETE  
FILLED, PROVIDE 1/4" WEEP HOLES  
AS REQD. FOR PROPER CONCRETE PLACEMENT

**TYPICAL STEEL COLUMN ELEVATION FOUNDATION TO FIRST FLOOR**



### CONCRETE JOIST SCHEDULE

J1 8" PRECAST PRESTRESSED CONCRETE JOIST  
SPACED AT 3'-6" O.C. UNDER 4" SLAB  
REINFORCED WITH 3 # 12 PERPENDICULAR  
TO JOIST AND 3 # 3 PARALLEL TO JOIST

FIRST FLOOR FRAMING PLAN  
3/16" = 1'-0"

### SLAB REINFORCING SCHEDULE

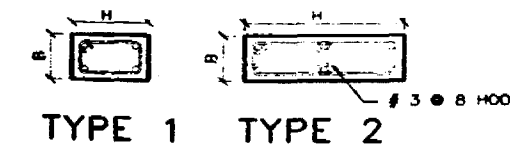
| MARK | SIZE, SPACING, LENGTH | LOCATION |
|------|-----------------------|----------|
| A    | # 4 @ 16" X 4'        | TOP      |
| B    | # 4 @ 12" X 8'        | TOP      |
| C    | # 4 @ 16"             | TOP      |
| D    | # 4 @ 12"             | BOT      |
| E    | 2 # 4 X 4'            | MID      |

### CONCRETE COLUMN SCHEDULE

| MARK                     | SIZE                          | REINFORCING |         | TYPE   |
|--------------------------|-------------------------------|-------------|---------|--------|
|                          | B" X H"                       | VERTICAL    | TIES    |        |
| C1                       | 8 X 16                        | 4 # 6       | # 3 @ 8 | TYPE 1 |
| C2                       | 8 X 12                        | 4 # 6       | # 3 @ 8 | TYPE 1 |
| C3                       | 8 x 39                        | 6 # 6       | # 3 @ 8 | TYPE 2 |
| <input type="checkbox"/> | FILLED CELL & WALL REINF. BAR |             |         |        |

## CONCRETE BEAM SCHEDULE

| MARK | SIZE |    | ELEV. | REINFORCING |       | STIRRUP  |
|------|------|----|-------|-------------|-------|----------|
|      | B" X | H" |       | BOT         | TOP   |          |
| 181  | 8 X  | 20 | 0'-0" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| 182  | 8 X  | 12 | 0'-0" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| 183  | 8 X  | 16 | 0'-0" | 2 # 6       | 2 # 5 | # 3 @ 6  |
|      |      |    |       |             |       |          |
|      |      |    |       |             |       |          |
|      |      |    |       |             |       |          |



TYPE 1      TYPE 2

**FACE COPY**  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT  
THE FOLLOWING:

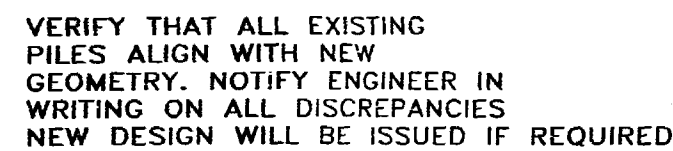
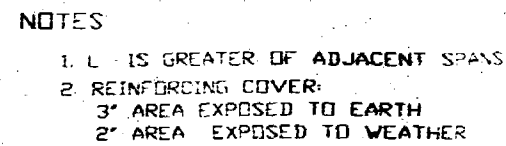
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 CITY: \_\_\_\_\_  
 COUNTRY: \_\_\_\_\_  
 ZIP CODE: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 FAX: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 WEBSITE: \_\_\_\_\_

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
( 305 ) 856-6345

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

## REVISIONS

DATE 2-13-01 SHEET 53 OF 8



REAR DECK : PILE & GRADE BEAM PLAN  
3/16" = 1'-0"

P1: EXISTING 12" Dia. AUGER CAST PILE  
WITH 25 TON COMPRESSION  
CAPACITY

P2: NEW 12" Dia. AUGER CAST PILE  
WITH 25 TON COMPRESSION  
CAPACITY

### REAR DECK GRADE BEAM SCHEDULE

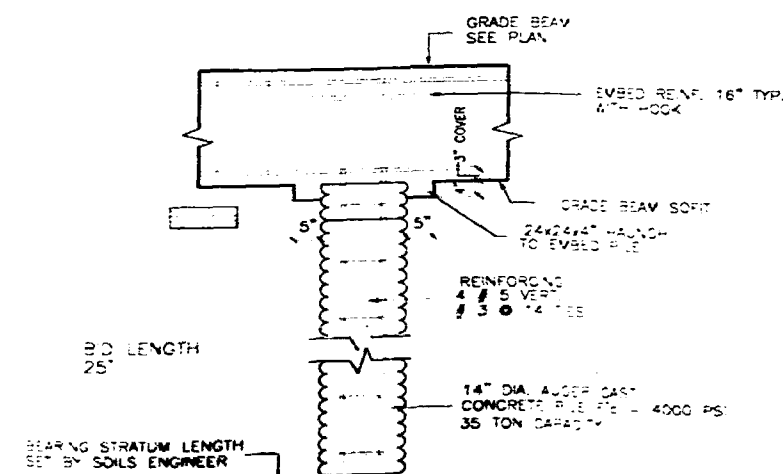
| MARK | SIZE    | REINFORCING |       | STIRRUPS |
|------|---------|-------------|-------|----------|
|      | B" X H" | BOT         | TOP   | "C"      |
| GB1  | 14 X 20 | 3 # 6       | 3 # 6 | # 3 @ 6  |
| GB6  | 14 X 20 | 3 # 8       | 3 # 6 | # 3 @ 4" |
| GB7  | 14 X 20 | 3 # 7       | 3 # 7 | # 3 @ 6" |

**City of Miami Beach  
Building Department**

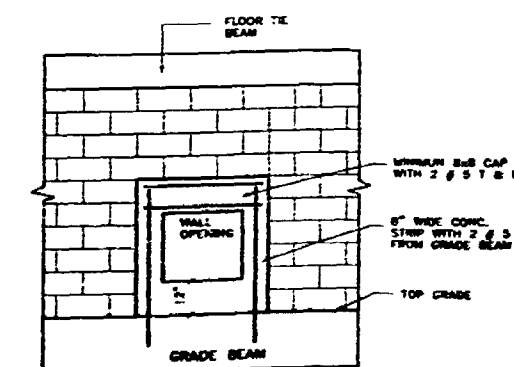
1. The Licensed Architect or Registered Professional Engineer of record shall submit to the City of Miami such inspection data for the reconstruction a signed letter stating that the site was observed and the foundation conditions are similar to those upon which the designed is based.
2. Fill supporting such shall shall be compacted under the supervision of a Special Inspector to a minimum of 95% of maximum dry density for 21' layers, as verified by field density tests specified in Paragraph 2084.4(C).



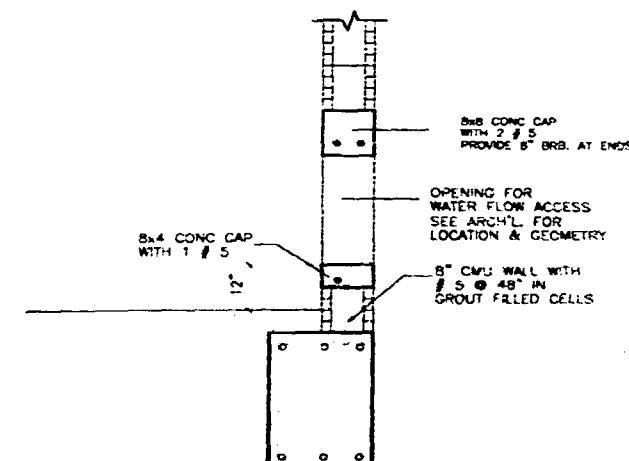
COMBINED ENGINEERING SCIENCES  
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1214 SW 12 CT.  
MIAMI, FL. 33135  
( 305 ) 856-6345



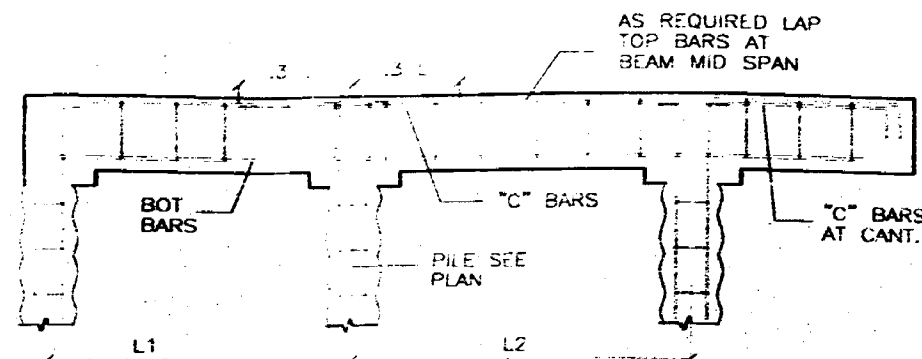
TYPICAL AUGER GROUT INJECTED PILE



### WALL FRAMING FOR OPENINGS

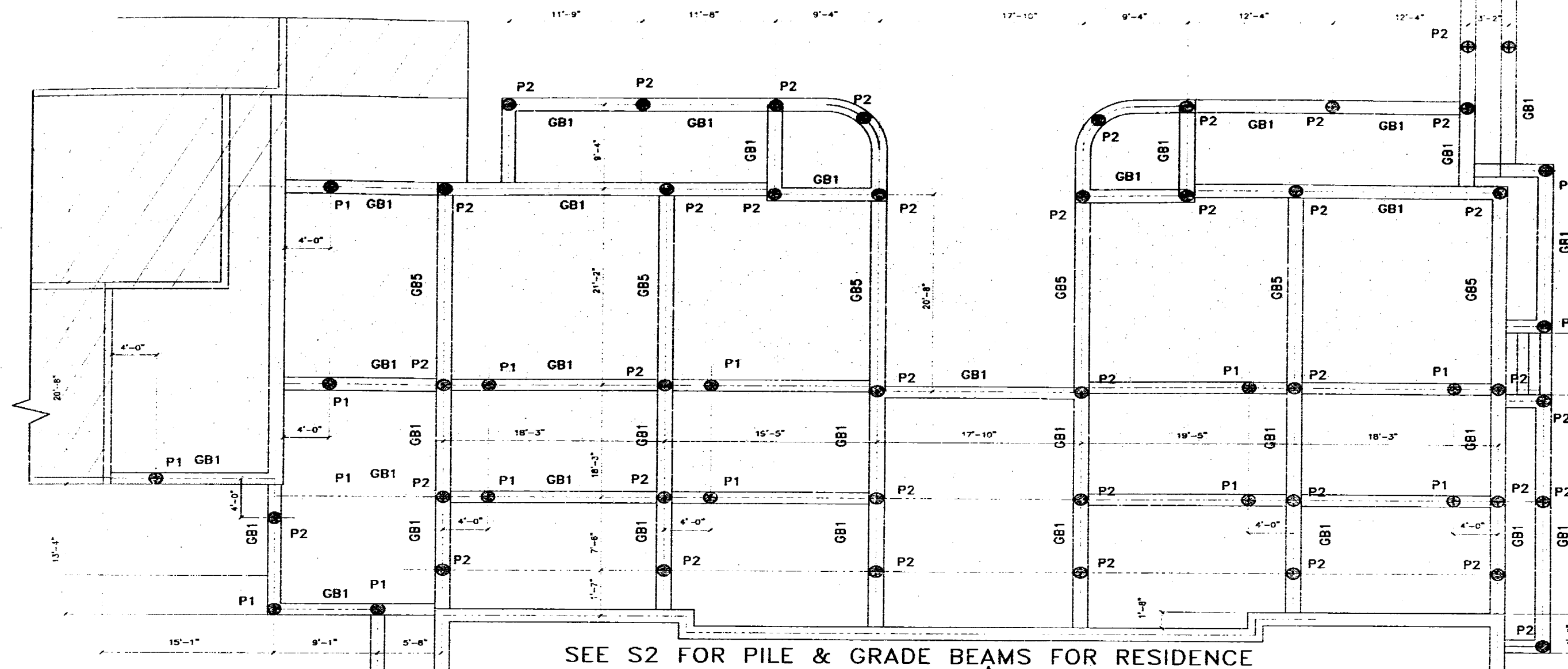


**SECTION: OPENING FOR  
WATER FLOW ACCESS**



#### NOTES

1. L IS GREATER OF ADJACENT SPANS
2. REINFORCING COVER:
- 3" AREA EXPOSED TO EARTH
- 2" AREA EXPOSED TO WEATHER



VERIFY THAT ALL EXISTING PILES ALIGN WITH NEW GEOMETRY. NOTIFY ENGINEER IN WRITING ON ALL DISCREPANCIES. NEW DESIGN WILL BE ISSUED IF REQUIRED.

## REAR DECK : PILE & GRADE BEAM PLAN

3/16" = 1'-0"

P1: EXISTING 12" Dia. AUGER CAST PILE WITH 25 TON COMPRESSION CAPACITY

P2: NEW 12" Dia. AUGER CAST PILE WITH 25 TON COMPRESSION CAPACITY

**OFFICE COPY**

CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING: 8/25/01

ZONING: 8/25/01

PLUMBING: 8/25/01

ELECTRICAL: 8/25/01

MECHANICAL: 8/25/01

FIRE PREVENTION: 8/25/01

ENGINEERING: 8/25/01

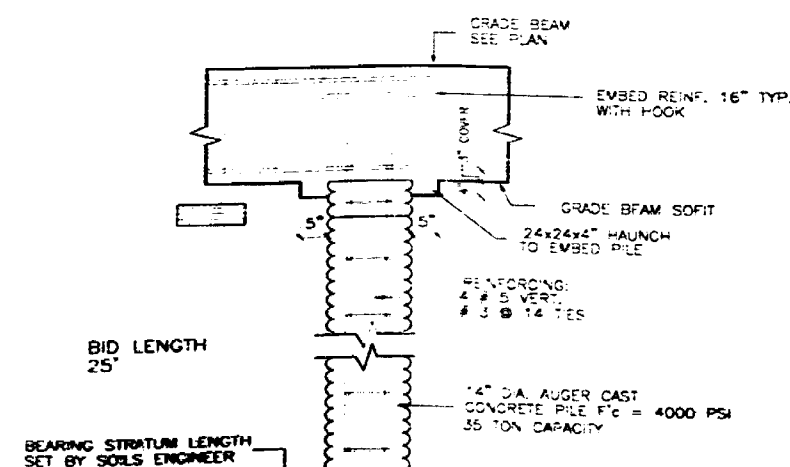
PUBLIC WORKS: 8/25/01

STRUCTURAL: 8/25/01

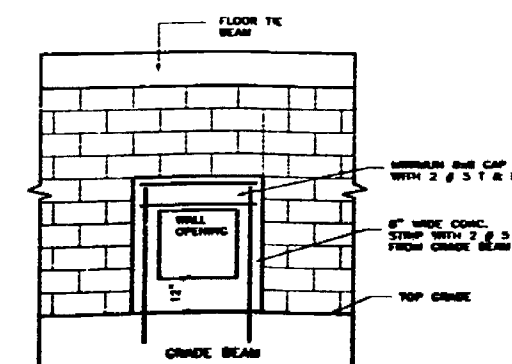
ACCESSIBILITY: 8/25/01

### REAR DECK GRADE BEAM SCHEDULE

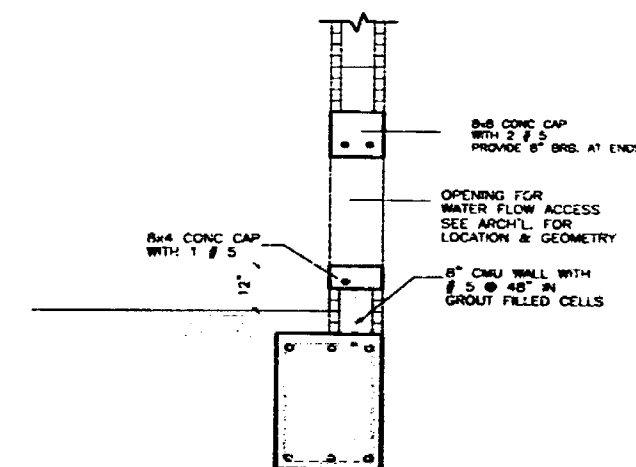
| MARK | SIZE    | REINFORCING |             | STIRRUPS |
|------|---------|-------------|-------------|----------|
|      |         | B" X H"     | BOT TOP "C" |          |
| GB1  | 14 X 20 | 3 # 6       | 3 # 6       | # 3 @ 6" |
| GB5  | 14 X 20 | 3 # 8       | 3 # 6 3 # 7 | # 3 @ 4" |



TYPICAL AUGER GROUT INJECTED PILE



WALL FRAMING FOR OPENINGS



SECTION: OPENING FOR WATER FLOW ACCESS



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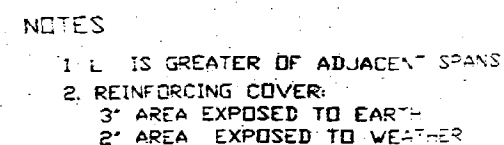
REVISIONS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS


PHONE (305) 371-2832 FAX (305) 381-8541  
530 BRICKELL KEY DRIVE, OFFICE PLAZA 201 MIAMI, FLORIDA 33130

DATE 2-13-01  
SHEET S4  
OF 8



P2: NEW 12" Dia. AUGER CAST PILE  
WITH 25 TON COMPRESSION  
CAPACITY

| MARK | SIZE    | REINFORCING |       |       | STIRRUPS |
|------|---------|-------------|-------|-------|----------|
|      | B" X H" | BOT         | TOP   | "C"   |          |
| GB1  | 14 X 20 | 3 # 6       | 3 # 6 |       | # 3 @ 6  |
| GB2  | 14 X 20 | 3 # 8       | 3 # 6 | 3 # 7 | # 3 @ 4  |



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REVIEWS

**1**

2-13-01

1345

RESIDENCE FOR  
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MIAMI BEACH, 94 PALM AVE. FLORIDA

ROBERT WADE AND ASSOCIATES, F  
ARCHITECTS PLANNER

520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
PHONE (305) 371-2832 FAX (305) 381-




### REINFORCING PLACING DIAGRAM FOR SLAB JOIST SYSTEM

FLOOR JOIST  
SEE PLAN

PROVIDE MIN.  
4" BEARING  
JOIST ON E

FLOOR JOIST  
SEE PLAN



— PROVIDE MINIMUM  
2" BEARING OF  
JOIST ON BEAM.

FLOOR JOIST  
SEE PLAN

STRUCTURAL BEAM  
SEE PLAN

STAGER JOIST AS REQD.  
FOR BEAMS WITH A WIDTH  
OF LESS THAN 12 INCHES

TYPICAL BEARING FOR PRECAST CONCRETE JOIST

CONC. BEAM  
SEE PLAN

8" CMU WITH \_\_\_\_\_  
CONC FILLED CELLS  
@ 48" & 1 # 5

PRECAST JOIST  
SEE PLAN

G.B. SEE  
PLAN

SEE ARCH'L. FOR  
STAR GEOMETRY

SECTION  
SCALE:  $\frac{3}{4}" = 1'-0"$

EXTEND REINF.  
3'-0" INTO SLAB

EXTEND REINF. -  
3'-0" INTO SLAB

# 4 @ 12 BOT \_  
# 4 @ 16 TEMP

SEE ARCH'L. FOR  
STAIR GEOMETRY

# 5 @ 12" x 3"  
DOWELS EMBEDDED  
IN 3/4" X 6" EPOXY  
FILLED HOLE  
HILT HIT HY 150

NEW SLAB  
OVER 6 MILL VISQUEEN

5 CONT

EXISTING  
GRADE BEAM

CONNECTION: NEW SLAB TO EXISTING GRADE BEAM

SEE S3 FOR HOUSE FIRST FLOOR PLAN

REAR DECK FRAMING PLAN  
3/16" = 1'-0"

### CONCRETE JOIST SCHEDULE

J1 12" PRECAST PRESTRESSED CONCRETE JOIST  
SPACED AT 3'-6" O.C. UNDER 4" SLAB  
REINFORCED WITH # 3 @ 12" PERPENDICULAR  
TO JOIST AND # 3 @ 3" PARALLEL TO JOIST

**OFFICE COPY**

CITY OF MIAMI BEACH  
APPROVED FOR PERMIT:  
THE FOLLOWING:

BUILDING: \_\_\_\_\_  
ZONING: 203210  
PLUMBING: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: W 3/1  
ACCESSIBILITY: \_\_\_\_\_

The following shop drawings are not part of this permit. Most provide shop drawings under separate permit fees:

|                       |                    |
|-----------------------|--------------------|
| — Bar Joist           | — Blotter          |
| — Ext. Doors          | — Btches           |
| — Glass Block         | — Steel Stair      |
| — Hand Rail           | — Structural Steel |
| — Membrane Structures | — Siding           |
| — Over Head Doors     | — Windows          |
| — Pool                | — Other            |
| — Roofs               |                    |

### SLAB REINFORCING SCHEDULE

| MARK | SIZE, SPACING, LENGTH | LOCATION |
|------|-----------------------|----------|
| A    | # 4 @ 16" X 4'        | TOP      |
| B    | # 4 @ 12" X 8'        | TOP      |
| D    | # 4 @ 12"             | BOT      |
| E    | 2 # 4 X 4'            | MID      |

### CONCRETE BEAM SCHEDULE

| MARK | SIZE |      | ELEV. | REINFORCING |       | STIRRUP |      |
|------|------|------|-------|-------------|-------|---------|------|
|      | B" X | H"   |       | BOT         | TOP   |         |      |
| D-B1 | 8    | X 20 |       | 2 # 5       | 2 # 5 | # 3     | ⊕ 48 |
| D-B2 | 8    | X 12 |       | 2 # 5       | 2 # 5 | # 3     | ⊕ 48 |

**ROBERT WADE AND ASSOCIATES, P  
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RESIDENCE FOR  
CONDOMINIUM INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

## REVISIONS

DATE 2-13-01  
SHEET 55

PHONE (305) 371-2832 FAX (305) 381-8938

520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI FLORIDA

FLORIDA

4 PALM AVE.

MIAMI BEACH

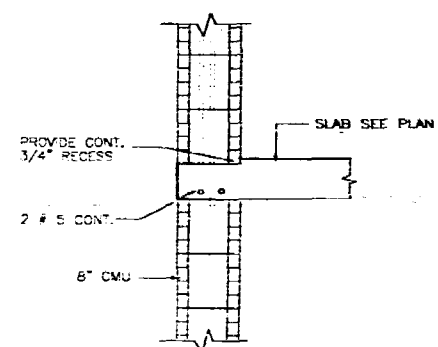
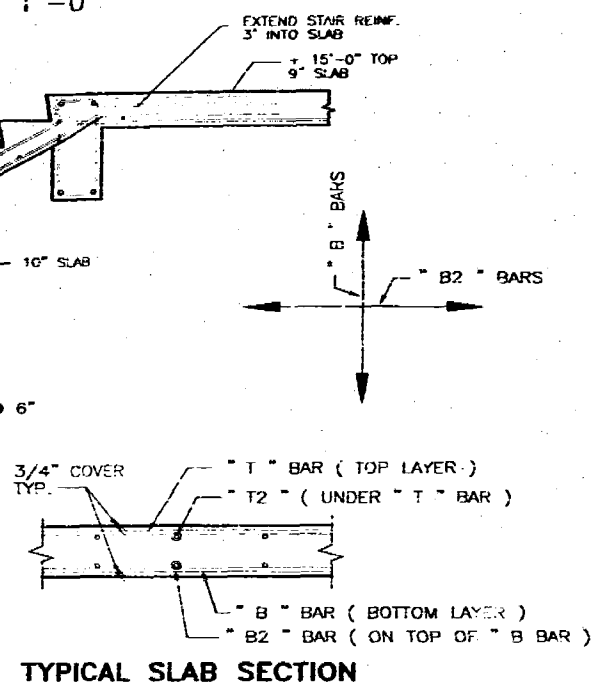
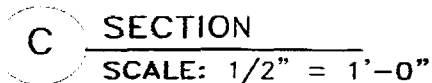
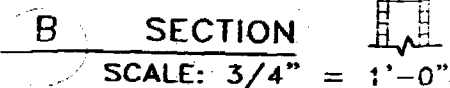
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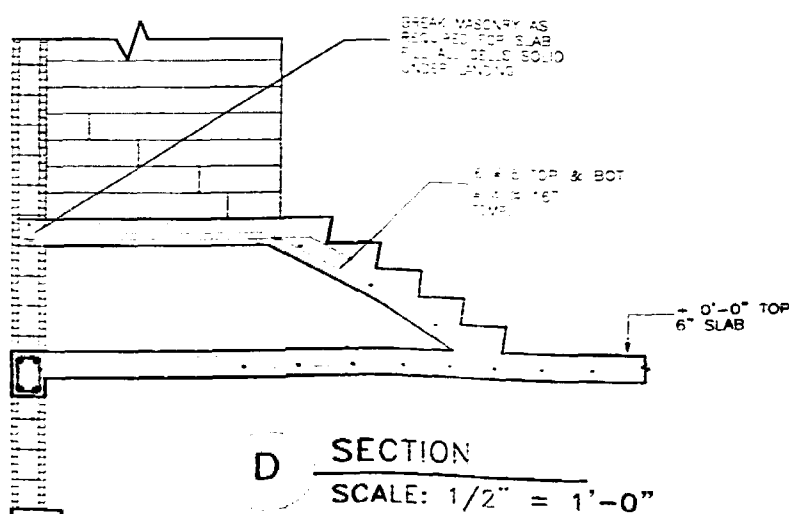
COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL. 33135  
( 305 ) 856-6345

856-6345  
2-29-01

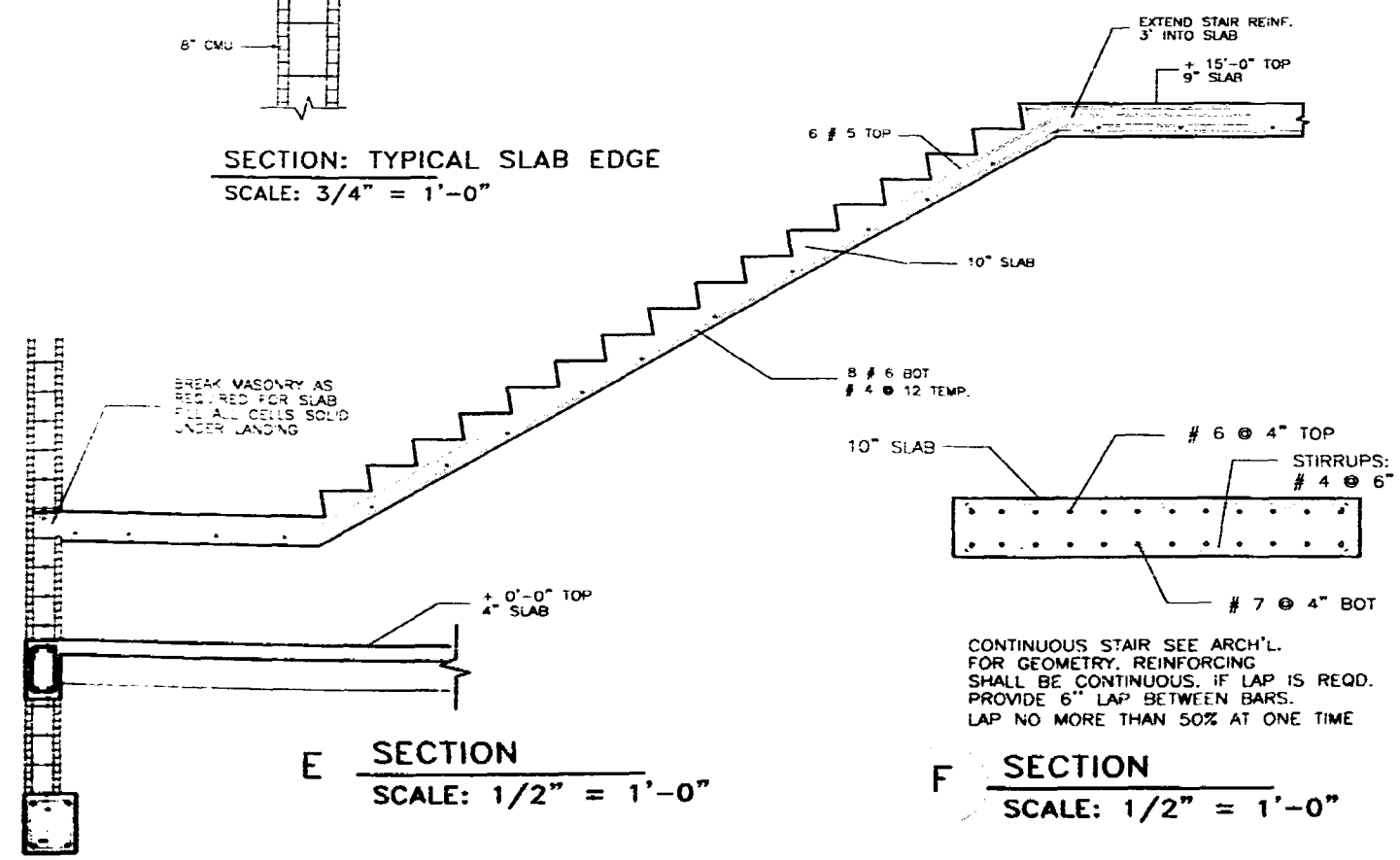




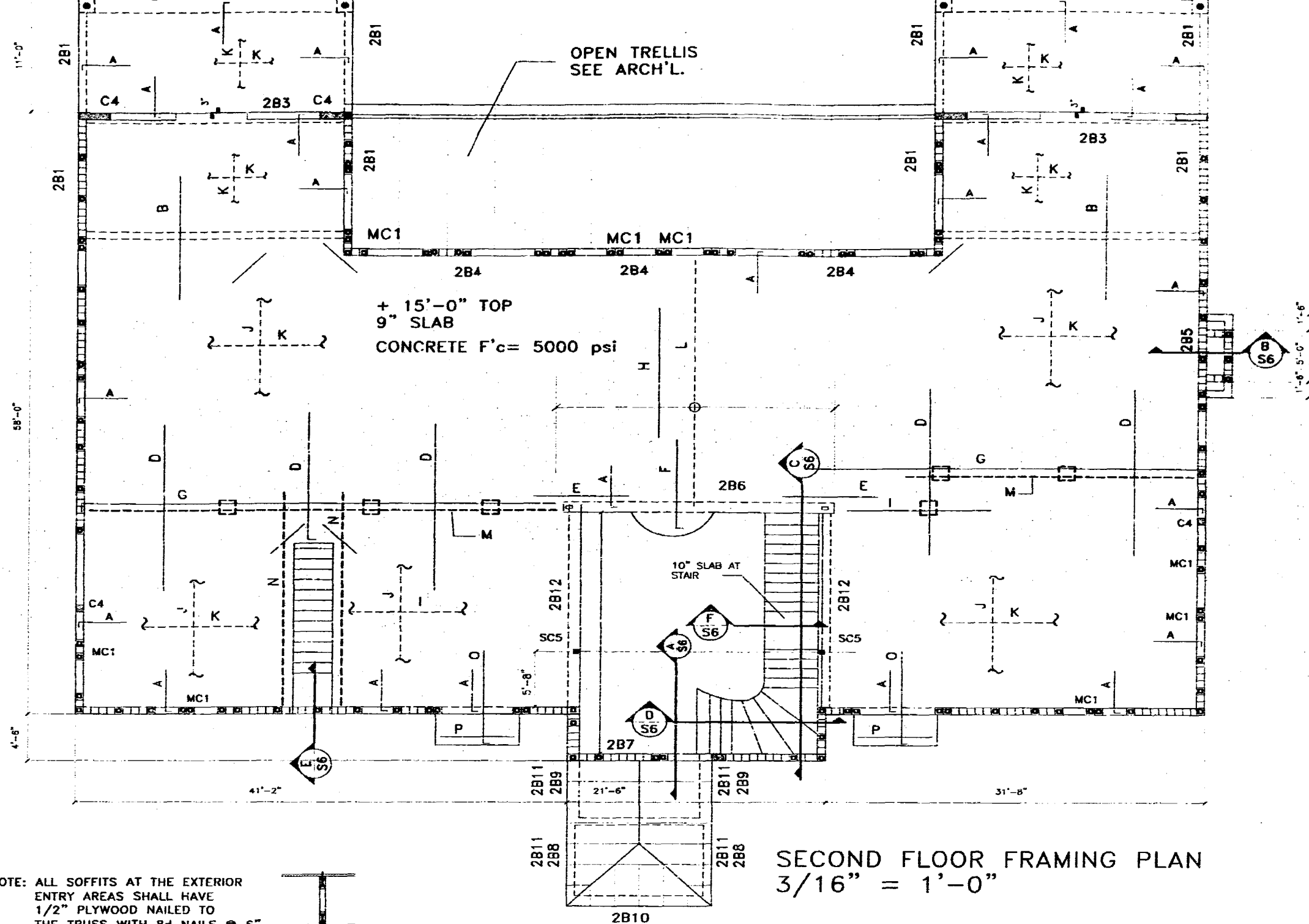
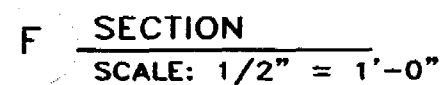
SECTION: TYPICAL SLAB EDGE  
SCALE: 3/4" = 1'-0"



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



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



SECOND FLOOR FRAMING PLAN  
3/16" = 1'-0"

| SLAB REINFORCING SCHEDULE |                       |          |  |
|---------------------------|-----------------------|----------|--|
| MARK                      | SIZE, SPACING, LENGTH | LOCATION |  |
| A                         | # 4 @ 16" X 4'        | TOP      |  |
| B                         | # 5 @ 12" X 10'       | TOP      |  |
| C                         | # 5 @ 6" X 15'        | TOP      |  |
| D                         | 12 # 6 @ 4" X 14'     | TOP      |  |
| E                         | 6 # 5 @ 6" X 10'      | TOP      |  |
| F                         | # 4 @ 12" X 8'        | TOP      |  |
| G                         | 10 # 6 @ 6" CONT      | TOP      |  |
| H                         | # 5 @ 12" X 8'        | TOP      |  |
| I                         | 6 # 5 @ 8" X 12'      | BOT      |  |
| J                         | # 6 @ 12"             | BOT      |  |
| K                         | # 5 @ 12"             | BOT      |  |
| L                         | # 6 @ 6"              | BOT      |  |
| M                         | ADD'L 10 # 5 @ 6"     | BOT      |  |
| N                         | ADD'L 3 @ 5 @ 4"      | BOT      |  |
| O                         | # 4 @ 12" X 8'        | TOP      |  |
| P                         | # 4 @ 16"             | TOP      |  |

### CONCRETE BEAM SCHEDULE

| MARK | SIZE |      | ELEV.  | REINFORCING |       | STIRRUPS |
|------|------|------|--------|-------------|-------|----------|
|      | B"   | X H" |        | BOT         | TOP   |          |
| 281  | 8    | X 24 | 15'-0" | 2 # 6       | 2 # 6 | # 3 @ 6  |
| 282  | 16   | X 20 | 14'-7" | 2 # 6       | 2 # 6 | # 3 @ 6  |
| 283  | 12   | X 24 | 15'-0" | 3 # 9       | 3 # 6 | # 3 @ 6  |
| 284  | 8    | X 24 | 15'-0" | 2 # 7       | 2 # 6 | # 3 @ 6  |
| 285  | 8    | X 12 | 15'-0" | 2 # 5       | 2 # 5 | # 3 @ 5  |
| 286  | 12   | X 24 | 15'-0" | 3 # 9       | 3 # 6 | # 3 @ 6  |
| 287  | 8    | X 16 | 15'-4" | 2 # 6       | 2 # 5 | # 3 @ 5  |
| 288  | 8    | X 12 | 17'-6" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| 289  | 12   | X 12 | 17'-6" | 3 # 9       | 3 # 5 | # 3 @ 48 |
| 2810 | 12   | X 40 | 17'-5" | 3 # 6       | 3 # 6 | # 3 @ 12 |
| 2811 | 8    | X 12 | 12'-6" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| 2812 | 12   | X 16 | 15'-0" | 4 # 6       | 4 # 6 | # 3 @ 6  |

### CONCRETE MASONRY WALL NOTES

ALL MASONRY WALLS CONSIST OF  
8" CMU WITH GROUT FILLED CELLS  
AT 40' & 1# 6: F'c= 1500 PSI  
PROVIDE # 8 (9 GAUGE ) LADDER  
TYPE HORIZ. REINF. AT 16" O.C. TYP.  
FILL REINFORCED CELLS WITH  
GROUT HAVING WITH MIN. 10' SLUMP.  
STRENGTH F'c= 2500 PSI  
COMPLYING WITH ASTM C476  
MAXIMUM LIFT UNBRACED 4'  
MAXIMUM POUR HEIGHT 10'  
  
POUR MASONRY CELLS PRIOR TO  
THE TIE BEAM CONCRETE POUR

**NOTES:**

1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY
2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS
3. TOP ELEVATION OF BEAMS WITH RECESS SHALL BE SET BY DEDUCTING THE RECESS FROM THE ELEVATION SPECIFIED

APPROVED FOR RELEASE  
THE FOLLOWING



COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL. 33135  
( 305 ) 856-6345

## REVISIONS

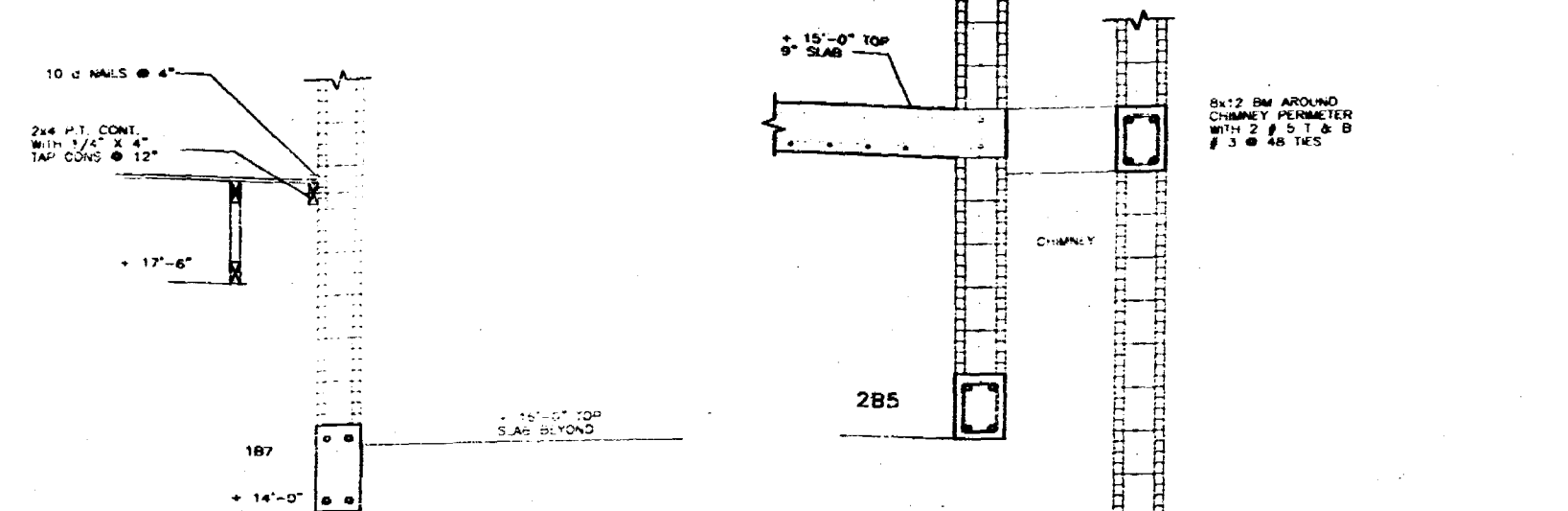
DATE \_\_\_\_\_

8 OF 8  
95  
SHEET

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

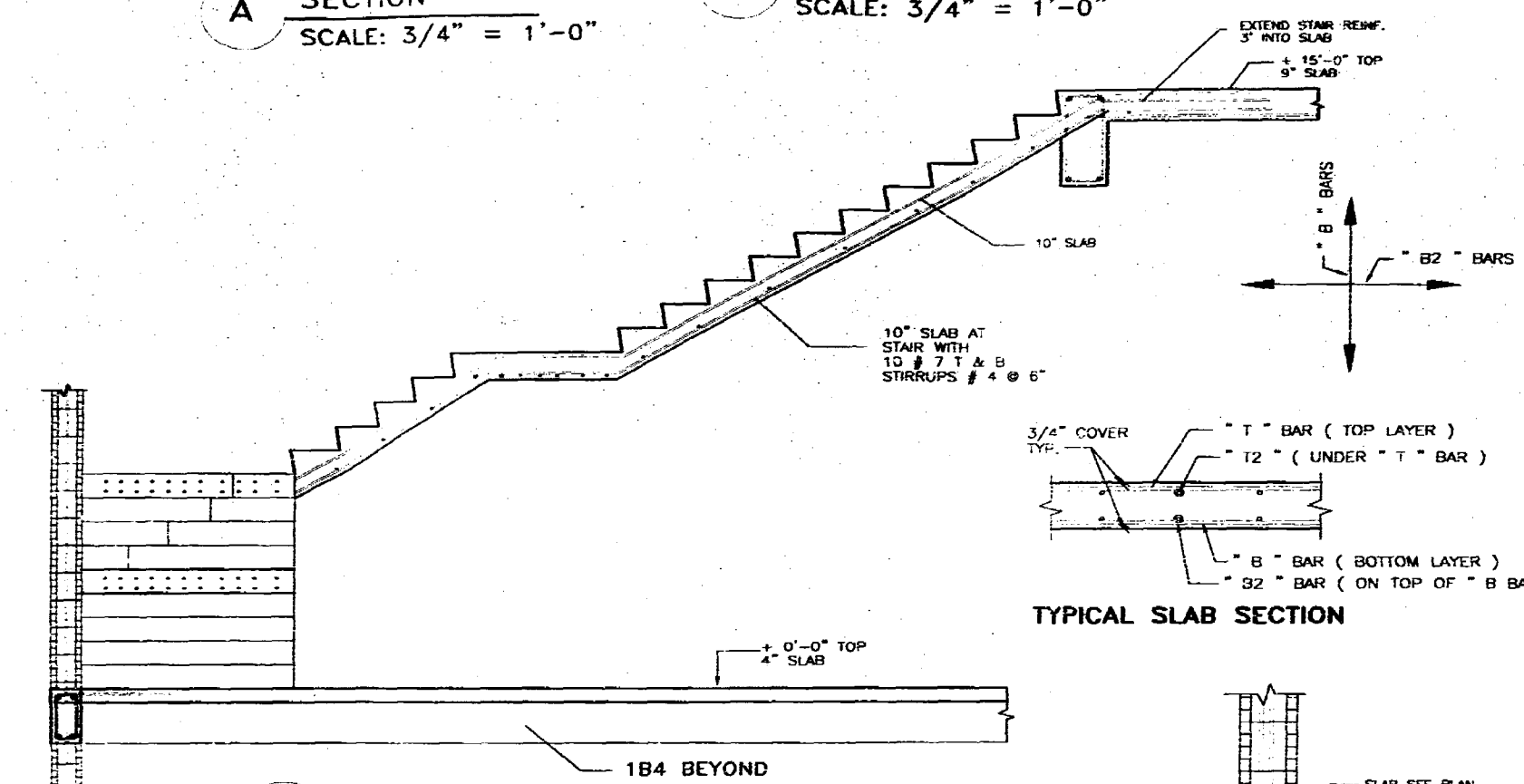
ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS  
PLANNERS

520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI  
FLORIDA  
PHONE (305) 371-2832 FAX (305) 381-6555



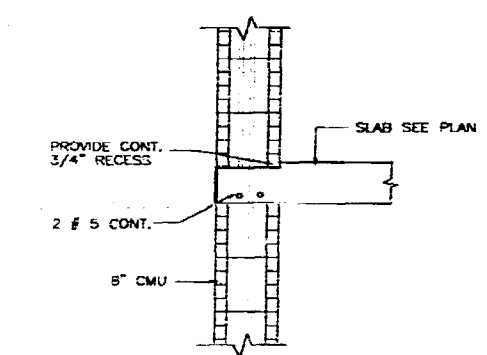
**A SECTION**  
SCALE: 3/4" = 1'-0"

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

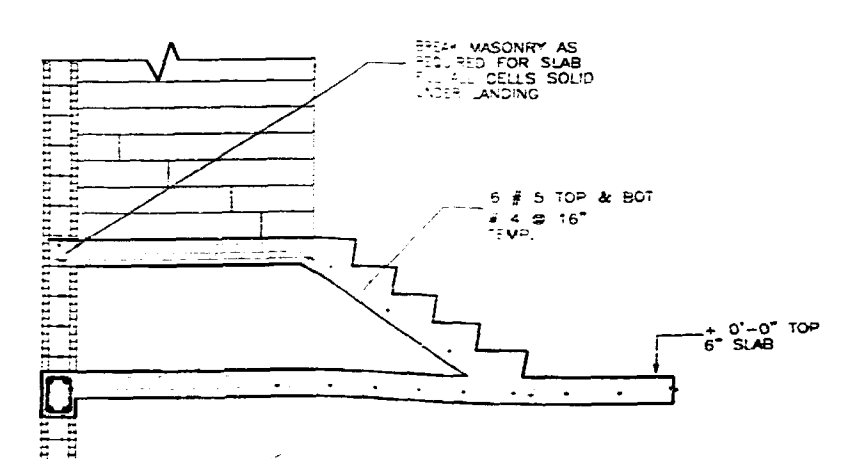


**TYPICAL SLAB SECTION**

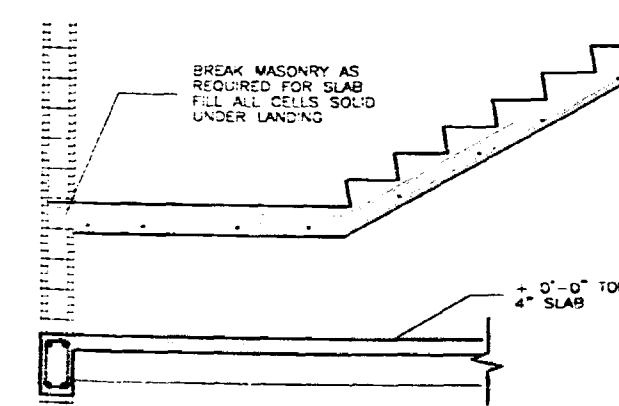
**C SECTION**  
SCALE: 1/2" = 1'-0"



**SECTION: TYPICAL SLAB EDGE**  
SCALE: 3/4" = 1'-0"

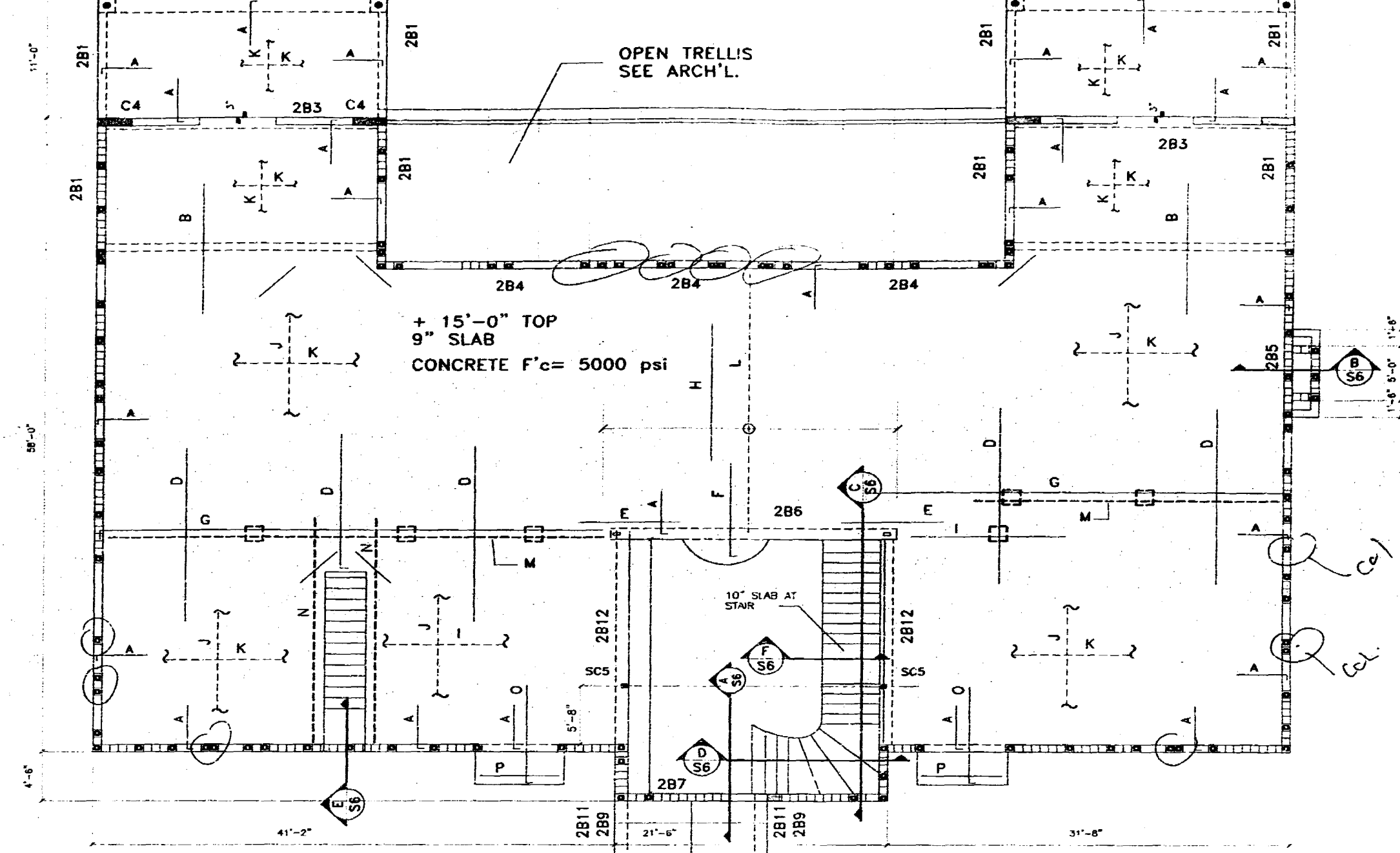


**D SECTION**  
SCALE: 1/2" = 1'-0"



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

NOTE: ALL SOFFITS AT THE EXTERIOR ENTRY AREAS SHALL HAVE 1/2" PLYWOOD NAILED TO THE TRUSS WITH 8d NAILS @ 6"



**SECOND FLOOR FRAMING PLAN**  
3/16" = 1'-0"

**SLAB REINFORCING SCHEDULE**

| MARK | SIZE              | SPACING | LENGTH | LOCATION |
|------|-------------------|---------|--------|----------|
| A    | # 4 @ 16" X 4'    |         |        | TOP      |
| B    | # 5 @ 12" X 10'   |         |        | TOP      |
| C    | # 5 @ 6" X 18'    |         |        | TOP      |
| D    | 12 # 6 @ 4" X 14' |         |        | TOP      |
| E    | 6 # 5 @ 6" X 10'  |         |        | TOP      |
| F    | # 4 @ 12" X 8'    |         |        | TOP      |
| G    | 10 # 6 @ 6" CONT  |         |        | TOP      |
| H    | # 5 @ 12" X 8'    |         |        | TOP      |
| I    | 6 # 5 @ 6" X 12'  |         |        | BOT      |
| J    | # 6 @ 12"         |         |        | BOT      |
| K    | # 5 @ 12"         |         |        | BOT      |
| L    | # 6 @ 6"          |         |        | BOT      |
| M    | ADD'L 10 # 5 @ 6" |         |        | BOT      |
| N    | ADD'L 3 # 5 @ 4"  |         |        | BOT      |
| O    | # 4 @ 12" X 8'    |         |        | TOP      |
| P    | # 4 @ 16"         |         |        | TOP      |

**CONCRETE BEAM SCHEDULE**

| MARK | SIZE    | ELEV.  | REINFORCING | STIRRUPS       |
|------|---------|--------|-------------|----------------|
|      | B" X H" |        | BOT         | TOP            |
| 2B1  | 8 X 24  | 15'-0" | 2 # 6       | 2 # 6 # 3 @ 6  |
| 2B2  | 16 X 20 | 14'-7" | 2 # 8       | 2 # 6 # 3 @ 6  |
| 2B3  | 12 X 24 | 15'-0" | 3 # 9       | 3 # 6 # 3 @ 6  |
| 2B4  | 8 X 24  | 15'-0" | 2 # 7       | 2 # 6 # 3 @ 6  |
| 2B5  | 8 X 12  | 15'-0" | 2 # 5       | 2 # 5 # 3 @ 5  |
| 2B6  | 12 X 24 | 15'-0" | 3 # 9       | 3 # 6 # 3 @ 6  |
| 2B7  | 8 X 16  | 15'-4" | 2 # 6       | 2 # 5 # 3 @ 5  |
| 2B8  | 8 X 12  | 17'-6" | 2 # 5       | 2 # 5 # 3 @ 48 |
| 2B9  | 12 X 12 | 17'-6" | 3 # 5       | 3 # 5 # 3 @ 48 |
| 2B10 | 12 X 40 | 17'-6" | 3 # 6       | 3 # 6 # 3 @ 12 |
| 2B11 | 8 X 12  | 12'-6" | 2 # 5       | 2 # 5 # 3 @ 48 |
| 2B12 | 12 X 16 | 15'-0" | 4 # 6       | 4 # 6 # 3 @ 5  |

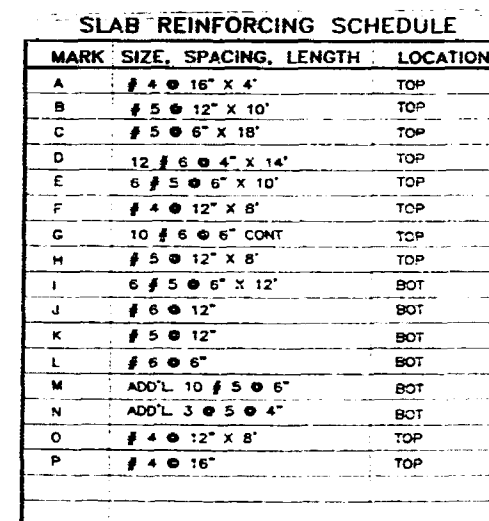
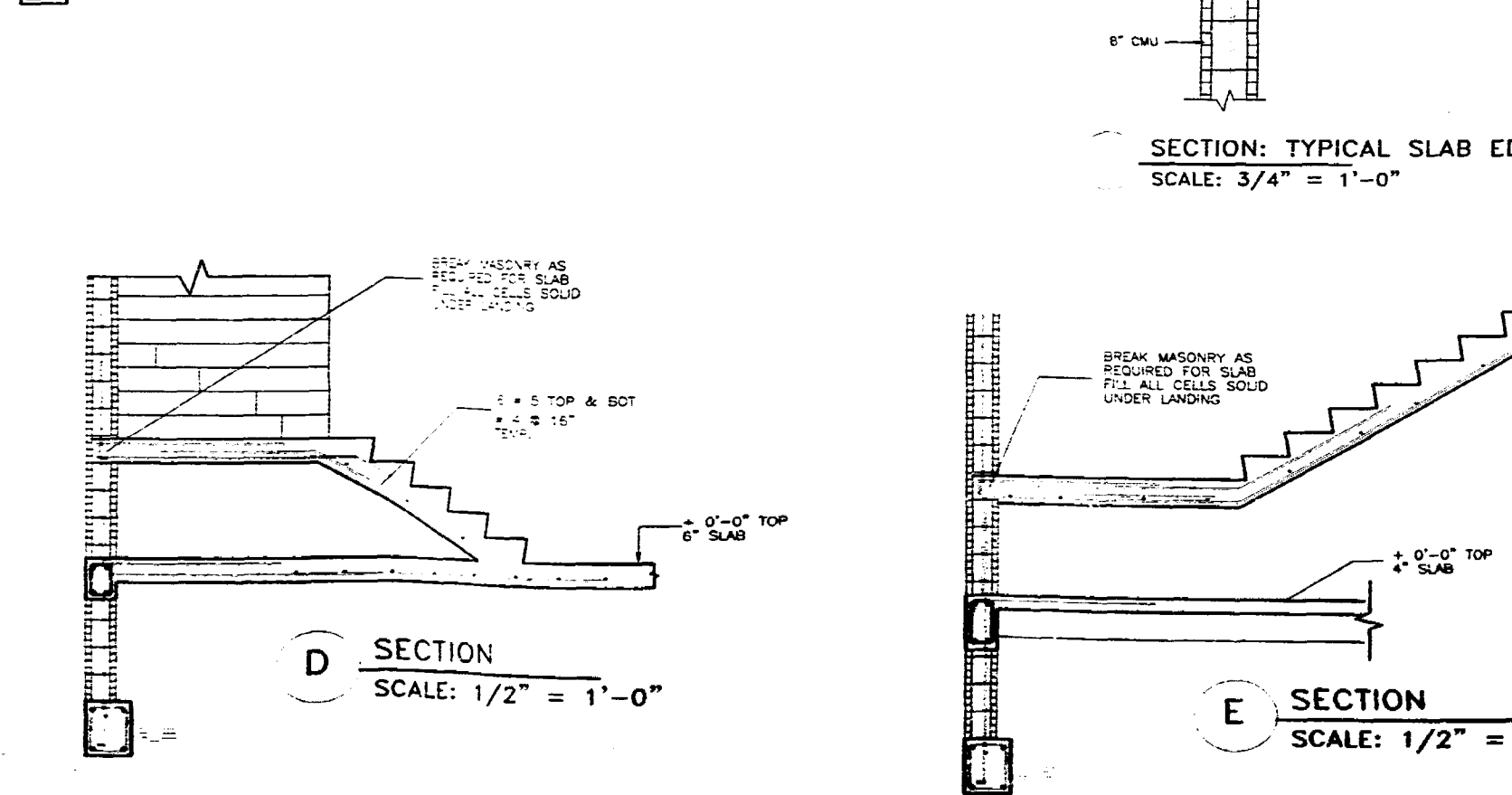
**CONCRETE MASONRY WALL NOTES**

ALL MASONRY WALLS CONSIST OF 8" CMU WITH GROUT FILLED CELLS AT 40" & 1 # 6. F'm = 1500 PSI. PROVIDE # 8 (9 GAUGE) LADDER TYPE HORIZ. REINF. AT 16" OC. TYP. FILL REINFORCED CELLS WITH GROUT HAVING WITH MIN. 10" SLUMP. STRENGTH F'c = 2500 PSI. COMPLYING WITH ASTM C476. MAXIMUM LIFT UNBRACED 4'. MAXIMUM POUR HEIGHT 10'. POUR MASONRY CELLS PRIOR TO THE TIE BEAM CONCRETE POUR.

**OFFICE COPY**  
CITY OF MIAMI BEACH

NOTES:  
1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY.  
2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS.  
3. TOP ELEVATION OF BEAMS WITH REINFORCING SHALL BE SET BY SUBTRACTING THE RECESS FROM THE ELEVATION SPECIFIED.

FOR PERMIT BY  
DATE: 2-13-01  
SHEET: S6  
OF: 8



## CONCRETE BEAM SCHEDULE

| MARK | SIZE<br>B" X H" | ELEV.  | REINFORCING |       | STIRRUPS   |
|------|-----------------|--------|-------------|-------|------------|
|      |                 |        | BOT         | TOP   |            |
| 2B1  | 8 X 24          | 15'-0" | 2 # 8       | 2 # 6 | 3 # 3 @ 6  |
| 2B2  | 16 X 20         | 14'-7" | 2 # 8       | 2 # 6 | 3 # 3 @ 6  |
| 2B3  | 12 X 24         | 15'-0" | 3 # 9       | 2 # 6 | 3 # 3 @ 6  |
| 2B4  | 8 X 24          | 15'-0" | 2 # 7       | 2 # 6 | 3 # 3 @ 6  |
| 2B5  | 6 X 12          | 15'-0" | 2 # 5       | 2 # 5 | 3 # 3 @ 5  |
| 2B6  | 12 X 24         | 15'-0" | 3 # 9       | 3 # 6 | 3 # 3 @ 6  |
| 2B7  | 8 X 16          | 15'-4" | 2 # 6       | 2 # 5 | 3 # 3 @ 5  |
| 2B8  | 8 X 12          | 17'-6" | 2 # 5       | 2 # 5 | 3 # 3 @ 48 |
| 2B9  | 12 X 12         | 17'-6" | 3 # 5       | 3 # 5 | 3 # 3 @ 48 |
| 2B10 | 12 X 40         | 17'-6" | 3 # 6       | 3 # 6 | 3 # 3 @ 12 |
| 2B11 | 8 X 12          | 12'-6" | 2 # 5       | 2 # 5 | 3 # 3 @ 48 |
| 2B12 | 12 X 16         | 15'-0" | 4 # 6       | 4 # 6 | 3 # 3 @ 5  |

ALL MASONRY WALLS CONSIST OF  
8" CMU WITH GROUT FILLED CELLS  
AT 40' & 1 8':  $F_m = 1300$  PSI  
PROVIDE # 8 ( 9 GAUGE ) LADDER  
TYPE HRZ. REINF. AT 16" O.C. TYP.  
FILL REINFORCED CELLS WITH  
GROUT HAVING WITH MIN. 10' SLUMP  
STRENGTH  $F'_c = 2500$  PSI  
COMPLYING WITH ASTM C476  
MAXIMUM LIFT UNBRACED 4'  
MAXIMUM POUR HEIGHT 10'  
POUR MASONRY CELLS PRIOR TO  
THE TIE BEAM CONCRETE POUR

**NOTES:**

1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY
2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS
3. TOP ELEVATION OF BEAMS WITH RECESS SHALL BE SET BY DEDUCTING THE RECESS FROM THE ELEVATION SPECIFIED



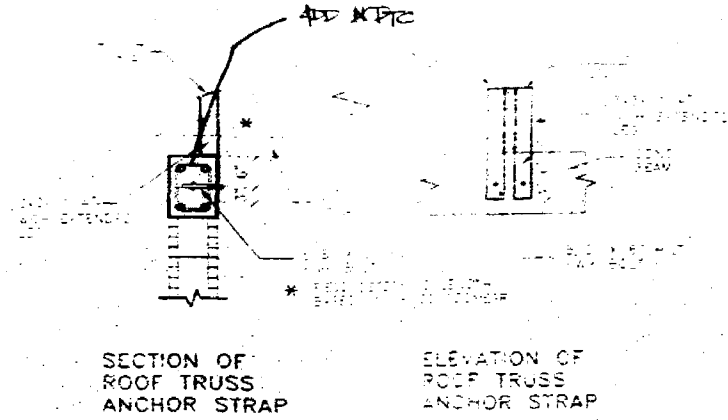
COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL. 33135  
( 305 ) 856-6345

DATE 2-13-01  
SHEET S6  
OF 8

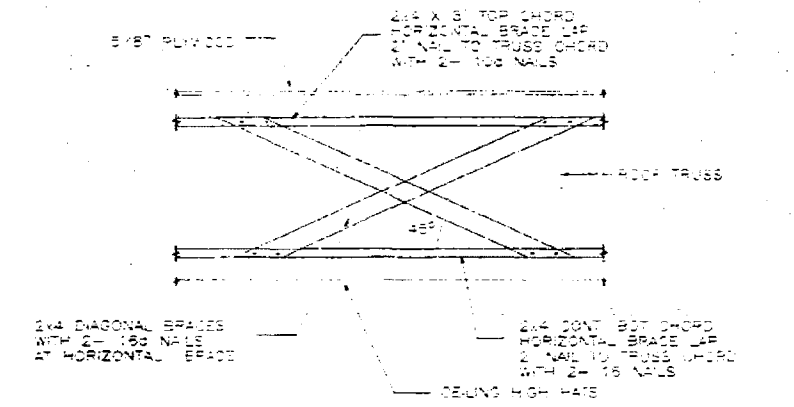
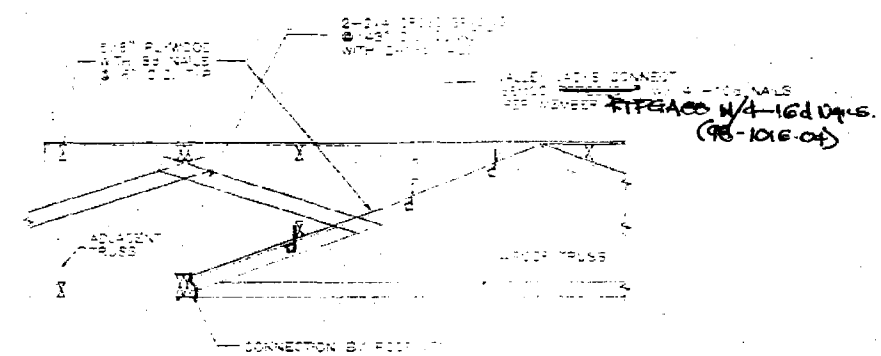


FOR ALL ROOF GEOMETRIES, THE SUBMITTER SHALL SUBMIT FINAL TRUSS PLAN TO ENGINEER PRIOR TO CONSTRUCTION OF TRUSSES. IF REQUIRED, THE SUBMITTER SHALL SUBMIT FRAMING BASED ON TRUSS MAP SET BY TRUSS MFR.

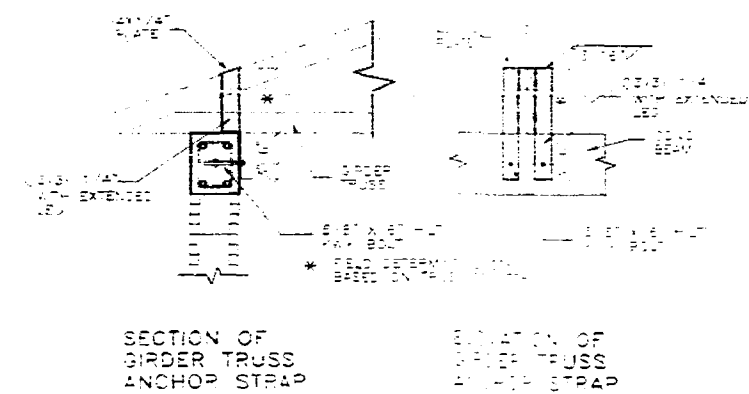
# PLYWOOD NAILING PLAN



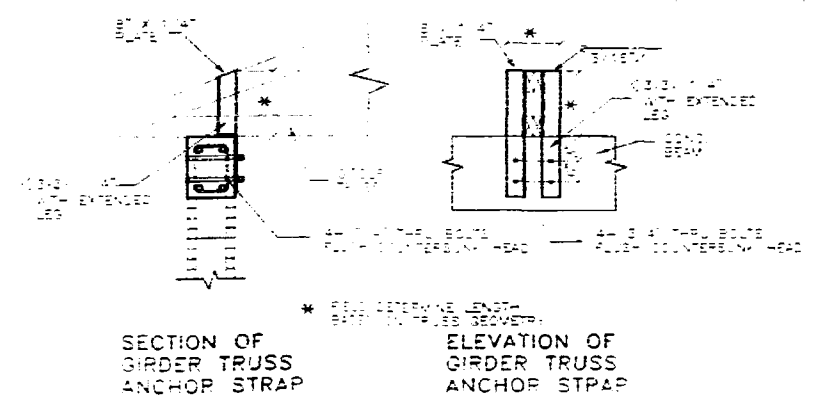
TYPICAL ROOF TRUSS ANCHORAGE DETAIL FOR TRUSS OVER 30'



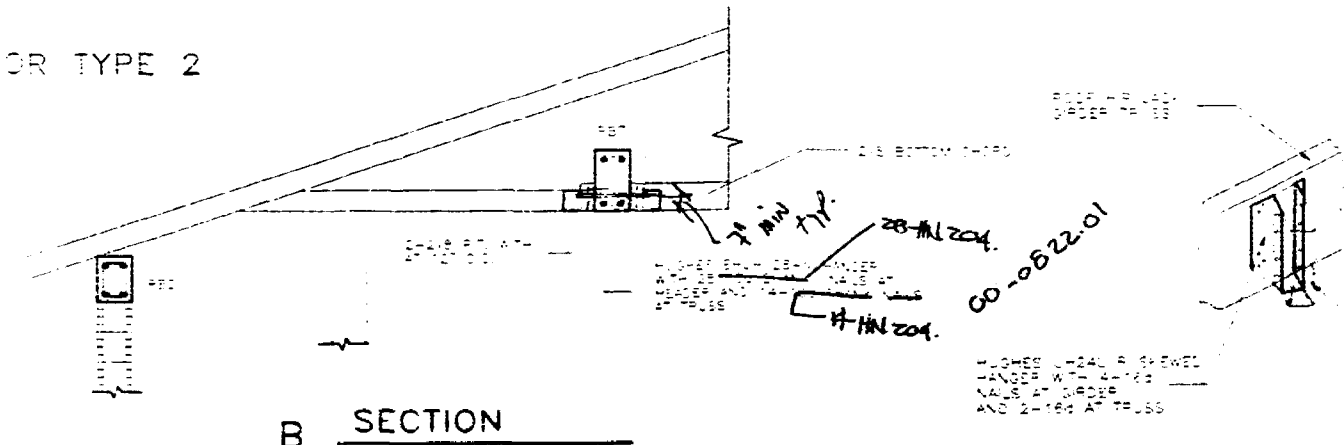
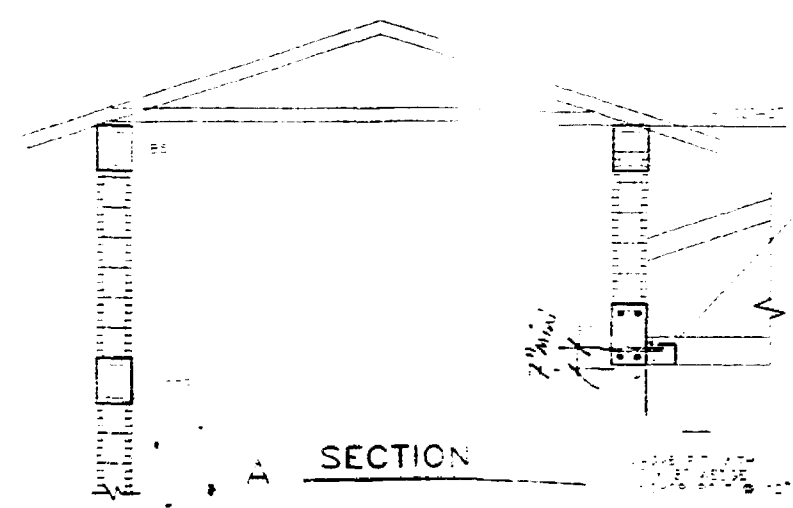
NOTES:  
1. SPACE DIAGONAL BRACING AT MAX. 20' O.C. ALONG DEPTH OF BUILDING.  
2. SEE PLAN FOR BRACE LOCATION.



GIRDER ANCHOR TYPE 1



GIRDER ANCHOR TYPE 2



CONNECTION ROOF JACK TRUSSES TO HIP JACK GIRDER

## CONCRETE BEAM SCHEDULE

| MARK | SIZE<br>B" X H" | ELEV.  | REINFORCING STIRRUPS |             |
|------|-----------------|--------|----------------------|-------------|
|      |                 |        | BOT                  | TOP         |
| RB1  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB2  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB3  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB4  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB5  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB6  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |
| RB7  | 8 x 12          | 24'-0" | 1 # 5                | 1 # 5 @ 48" |

NOTES:  
1. FIELD DEPT. BEAM DEPTH WITH OVER 6" MIN. DEPTH.  
2. VERTICAL ELEVATIONS WITH ARCHITECTURAL DRAWINGS.  
\* BEAM HAS 48" PROFILE. SEE ARCH. FOR DETAILS.

## BUILDING ROOF WIND PRESSURES

| ZONE   | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 47 PSF   | 40 PSF     |
| ZONE 2 | 78 PSF   | 70 PSF     |

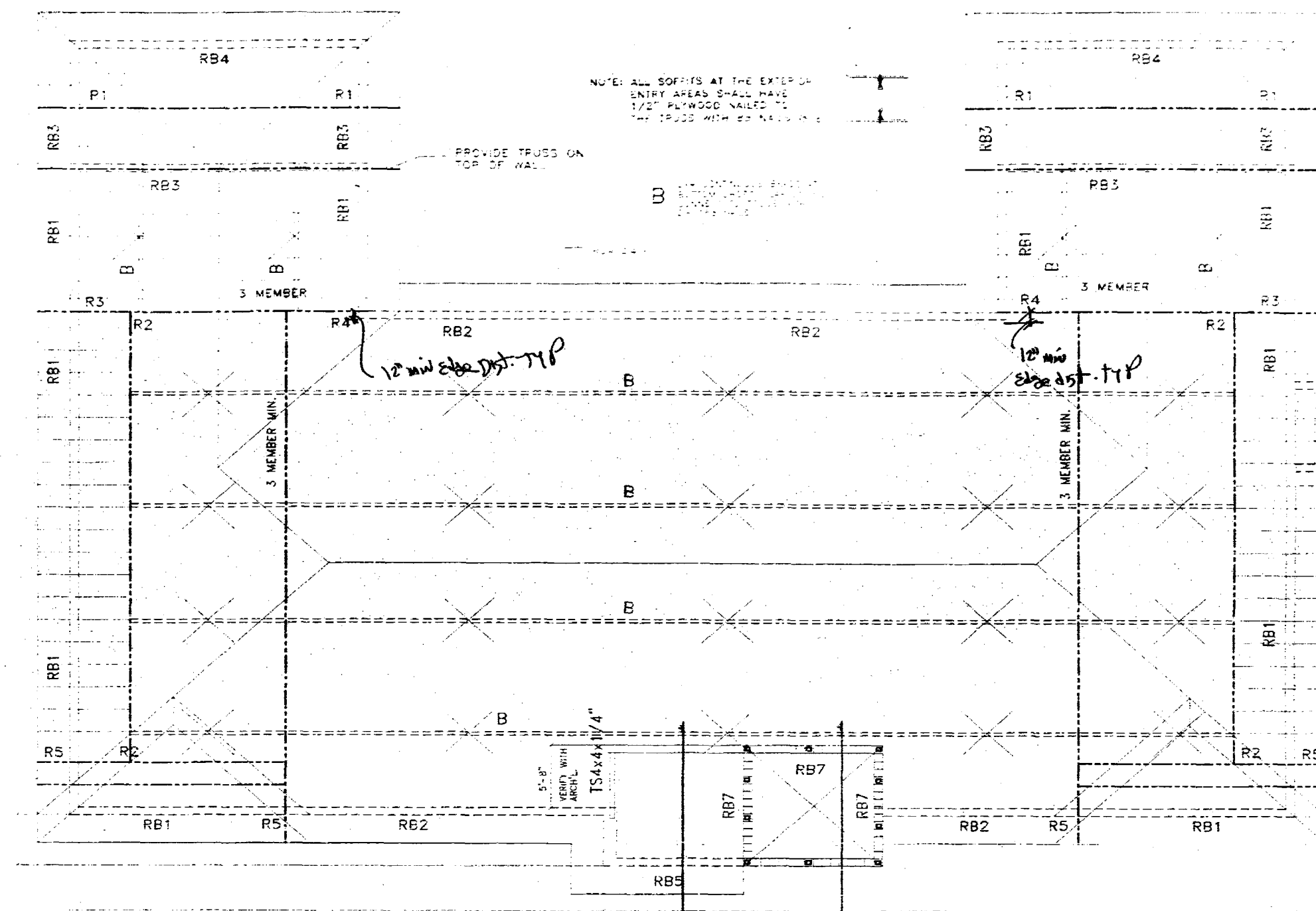
ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

## GIRDER TRUSS REACTIONS

| MARK | GRAVITY LOAD | WIND UPLIFT | CONNECTION DEVICE |
|------|--------------|-------------|-------------------|
| RB1  | 3.4          | 3.1         | 7 RE 1            |
| RB2  | 4.1          | 4.0         | 7 RE 1            |
| RB3  | 3.1          | 3.0         | 7 RE 1            |
| RB4  | 3.1          | 3.0         | 7 RE 1            |
| RB5  | 3.1          | 3.0         | 7 RE 1            |
| RB6  | 3.1          | 3.0         | 7 RE 1            |
| RB7  | 3.1          | 3.0         | 7 RE 1            |

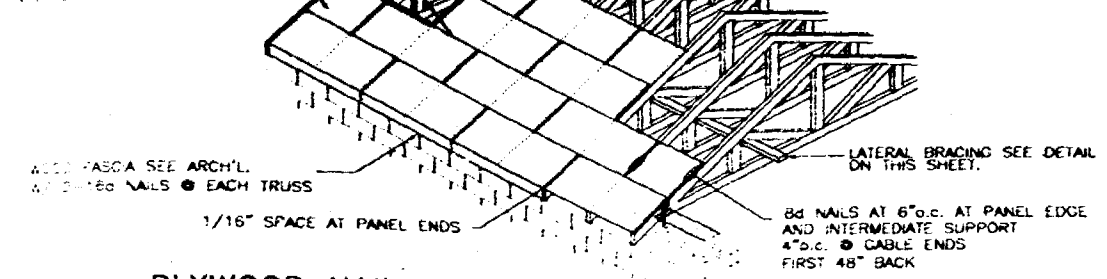
ALL GIRDER TO GIRDER CONNECTIONS BY TRUSS MFR.

DOMINION ENGINEERING & ASSOCIATES  
LARRY EISENBERG, P.E. 31200  
1014 SW 12 ST  
MIAMI, FL 33135  
TEL: 854-6345

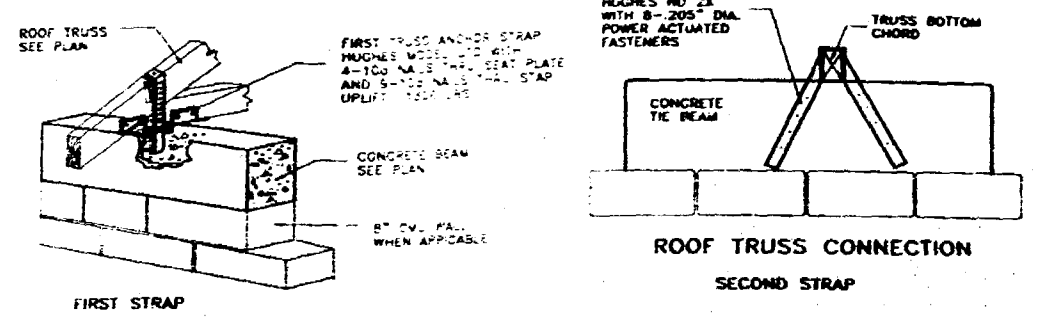


CORNER REINFORCING DETAIL FOR ALL TIE BEAMS

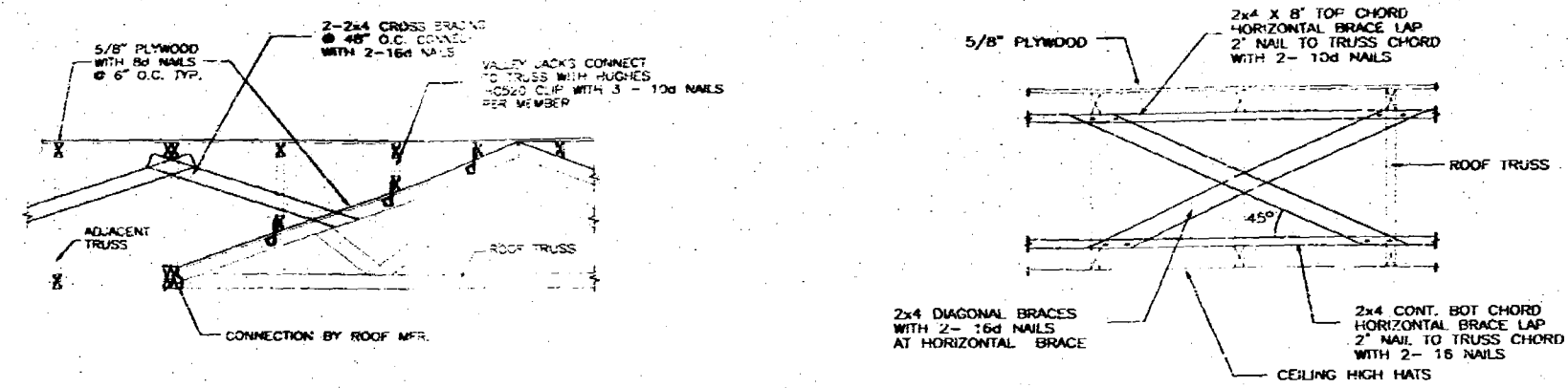
BE TRUSS LAYOUT IN ACCORDANCE WITH THE TRUSS LAYOUT SET BY ARCHITECT. SEE ARCH'L. FOR ALL ROOF GEOMETRY. TRUSS MFR. SHALL SUBMIT FINAL TRUSS LAYOUT PLAN TO ENGINEER PRIOR TO FABRICATION OF TRUSSES. IF REQUIRED, ENGINEER WILL SUBMIT REVISED FRAMING BASED ON TRUSS LAYOUT SET BY TRUSS MFR.



PLYWOOD NAILING PLAN

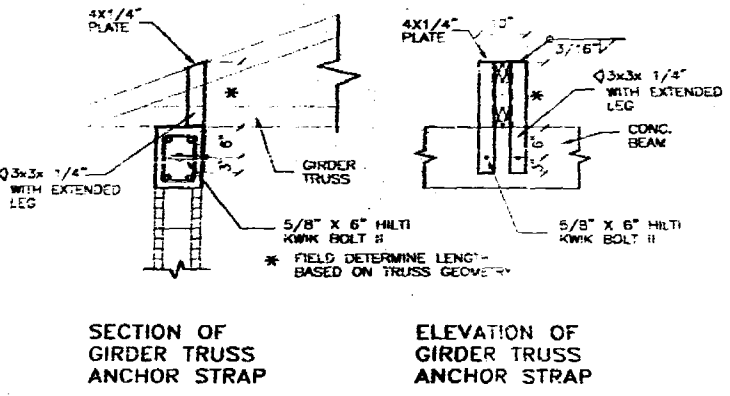


TYPICAL ROOF TRUSS ANCHORAGE DETAIL FOR TRUSS OVER 30' ( 2 STRAPS )

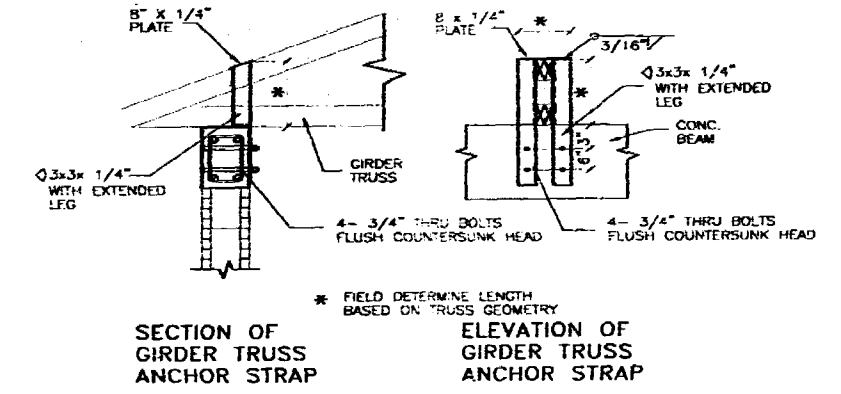


DIAGONAL BRACING ALONG BUILDING DEPTH

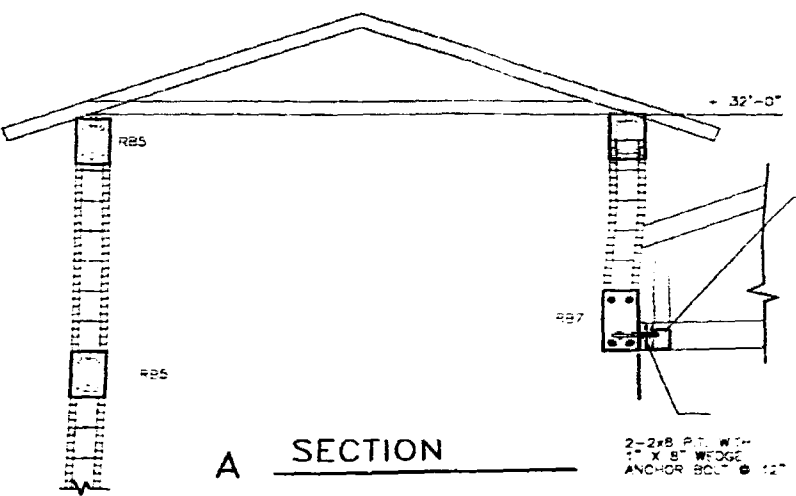
- NOTES:
1. SPACE DIAGONAL BRACING AT MAX. 20' O.C. ALONG DEPTH OF BUILDING
  2. SEE PLAN FOR BRACE LOCATION



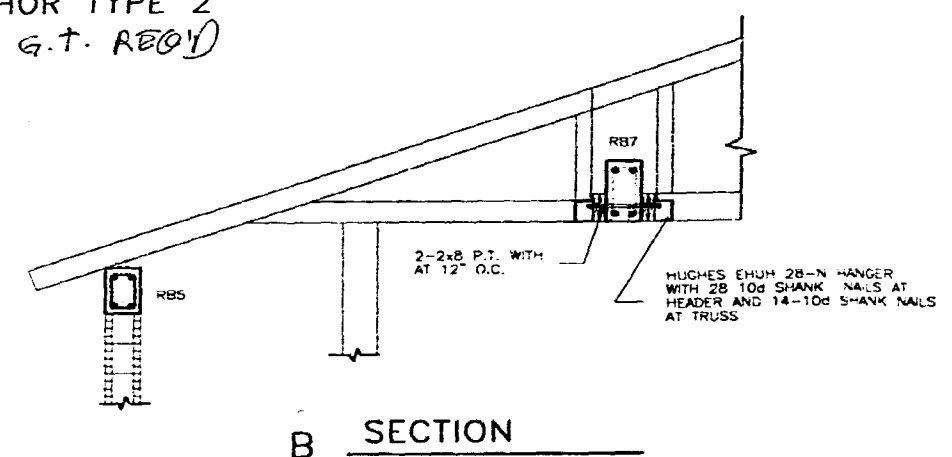
GIRDER ANCHOR TYPE 1



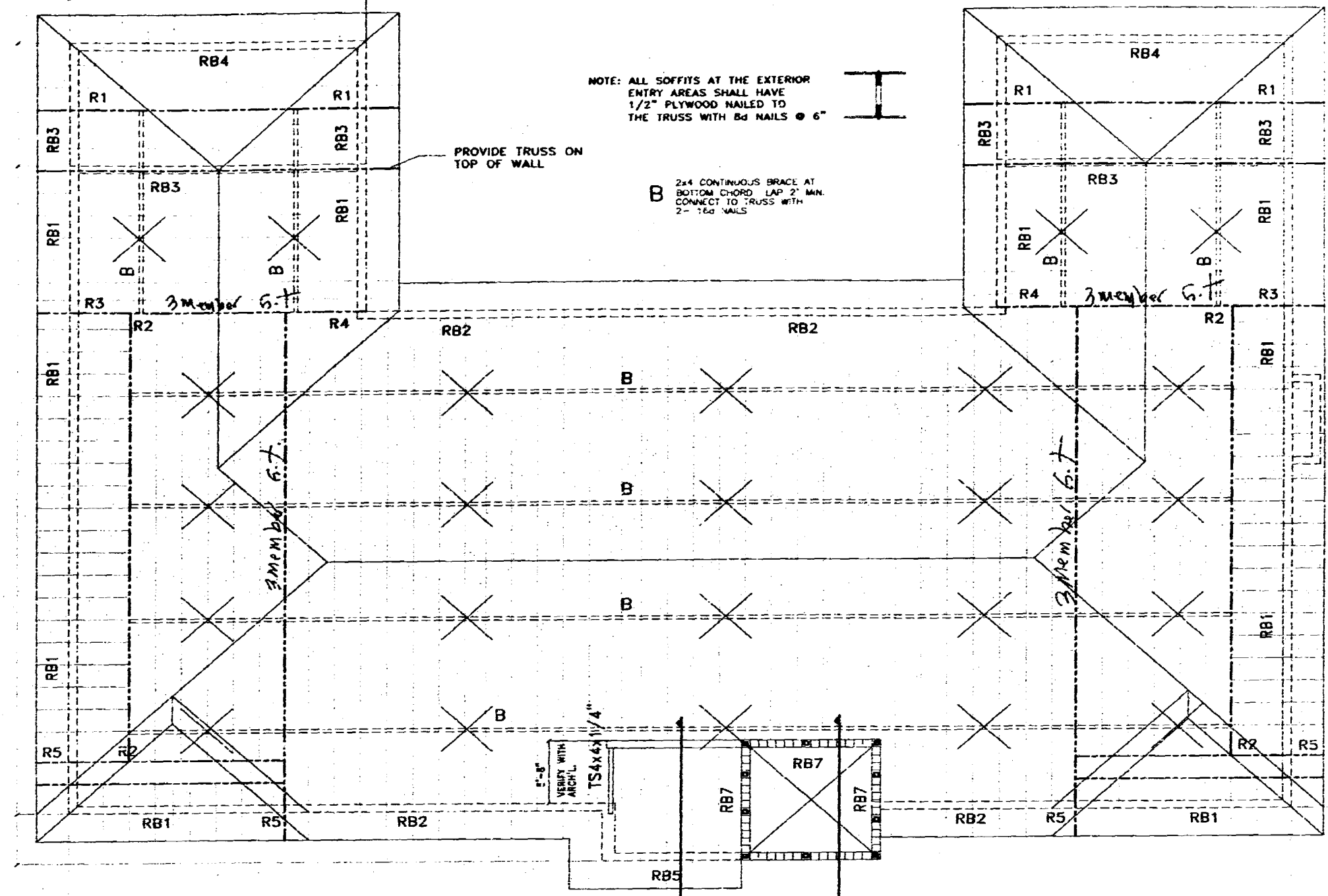
GIRDER ANCHOR TYPE 2  
3 member G.T. REOY



A SECTION



B SECTION

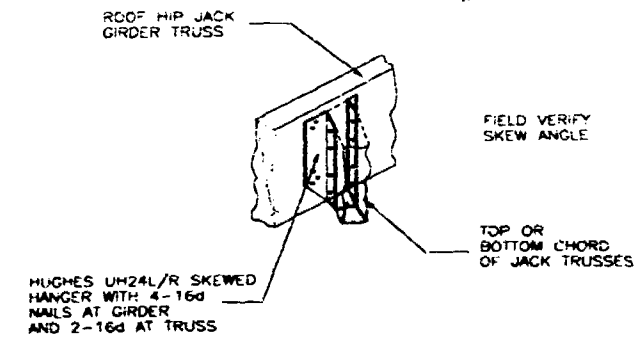


ROOF FRAMING PLAN  
3/16" = 1'-0"

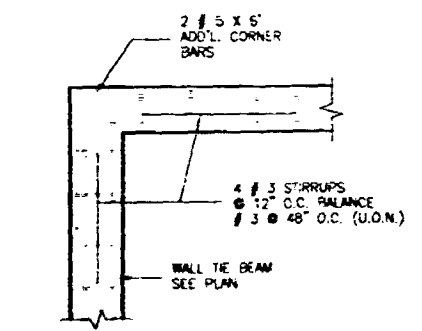
CONCRETE BEAM SCHEDULE

| MARK | SIZE<br>B" X H" | ELEV.  | REINFORCING STIRRUPS |                |
|------|-----------------|--------|----------------------|----------------|
|      |                 |        | BOT                  | TOP            |
| RB1  | 8 X 12          | 26'-9" | 2 # 5                | 2 # 5 # 3 @ 48 |
| RB2  | 8 X 34          | 25'-9" | 2 # 7                | 2 # 5 # 3 @ 12 |
| RB3  | 8 X 43          | 26'-9" | 2 # 7                | 2 # 5 # 3 @ 12 |
| *RB4 | 8 X 16          | 26'-9" | 2 # 6                | 2 # 5 # 3 @ 6  |
| RB5  | 8 X 12          | 24'-9" | 2 # 5                | 2 # 5 # 3 @ 48 |
| RB7  | 8 X 16          |        | 2 # 6                | 2 # 6 # 3 @ 6  |

- NOTES:
1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY
  2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS
- \* BEAM HAS ARC PROFILE. SEE ARCH'L. FOR GEOMETRY



CONNECTION ROOF JACK TRUSSES TO HIP JACK GIRDER



CORNER REINFORCING DETAIL FOR ALL TIE BEAMS

BUILDING ROOF WIND PRESSURES

| ZONE.  | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 47 PSF   | 40 PSF     |
| ZONE 2 | 78 PSF   | 70 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

GIRDER TRUSS REACTIONS

| MARK | GRAVITY LOAD | WIND UPLIFT | CONNECTION DEVICE |
|------|--------------|-------------|-------------------|
| R1   | 3.4 K        | 3.0 K       | TYPE 1            |
| R2   | 4.1 K        | 4.0 K       | BY TRUSS MFR.     |
| R3   | 9.0 K        | 10.0 K      | TYPE 2            |
| R4   | 11.5 K       | 12.0 K      | TYPE 2            |
| R5   | 9.2 K        | 8.0 K       | TYPE 2            |

ALL GIRDER TO GIRDER CONNECTIONS BY TRUSS MFR.

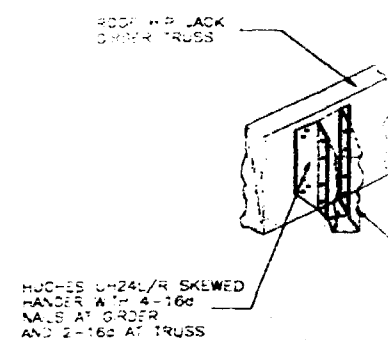
COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

ROBERT WADE AND ASSOCIATES, INC.  
PLANNER  
ARCHITECTS  
220 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA 33135  
PHONE (305) 371-2832 FAX (305) 381-4500

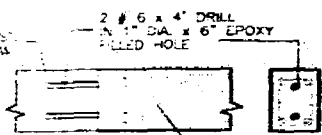
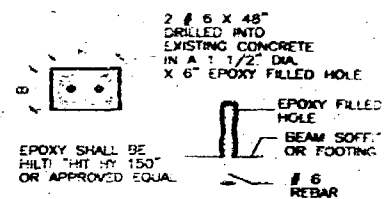
RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

REVISIONS

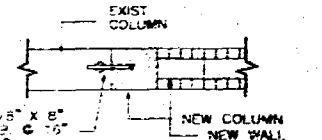
DATE 2-15-01  
SHEET S7  
OF 4



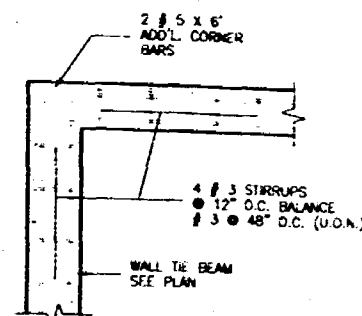
CONNECTION ROOF JACK TRUSSES TO HIP JACK GIRDER



CONNECTION: NEW BEAM TO EXISTING BEAM



CONNECTION: NEW COL. TO EXISTING COL.



CORNER REINFORCING DETAIL FOR ALL TIE BEAMS

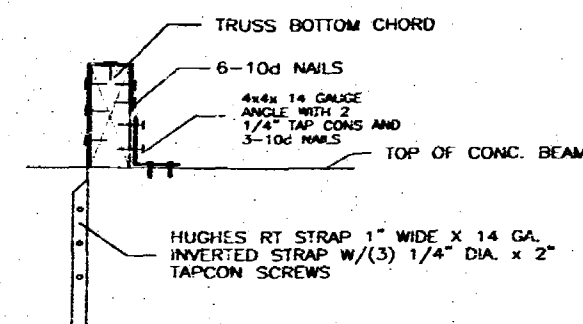
# BUILDING ROOF WIND PRESSURES

| ZONE.  | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 37 PSF   | 30 PSF     |
| ZONE 2 | 68 PSF   | 60 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

# CONCRETE BEAM SCHEDULE

| MARK | SIZE<br>B" X H" | ELEV. | REINFORCING STIRRUPS |     |
|------|-----------------|-------|----------------------|-----|
|      |                 |       | BOT                  | TOP |
| RB1  | 8 X 12          | 5'-2" | EXISTING BEAM        |     |

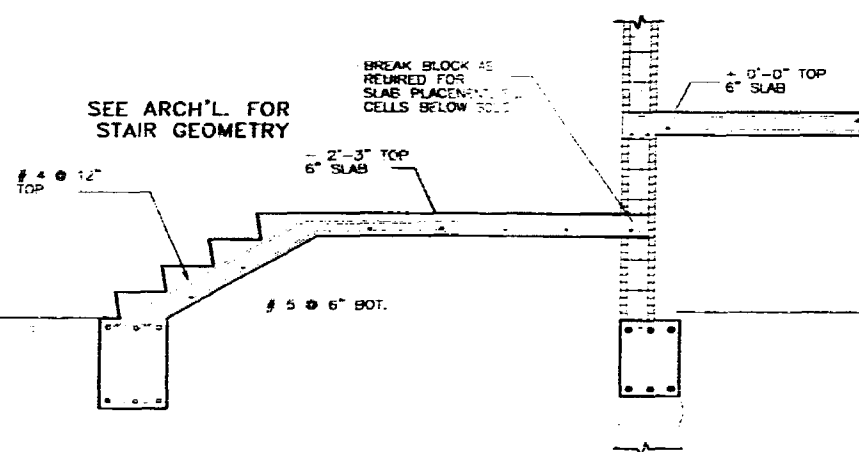


CONNECTION: ROOF TRUSS TO EXISTING WALL

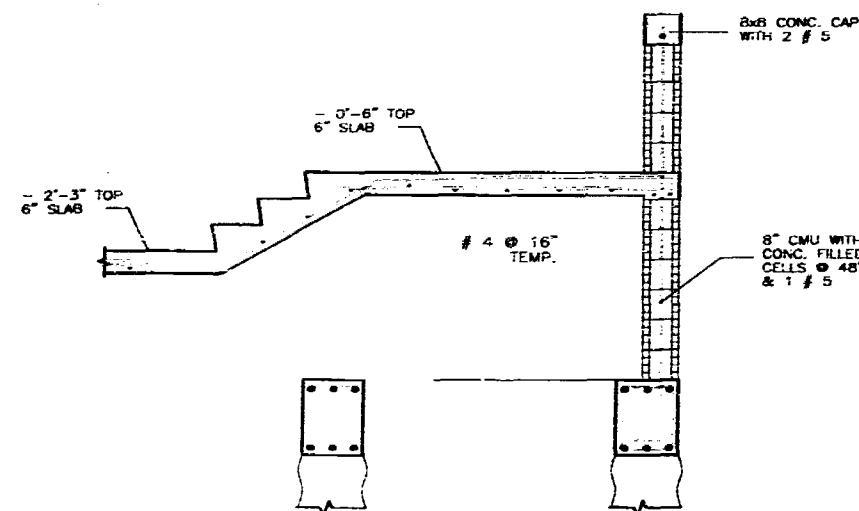
# SLAB REINFORCING SCHEDULE

| MARK | SIZE, SPACING, LENGTH | LOCATION |
|------|-----------------------|----------|
| A    | # 4 @ 16" X 4'        | TOP      |
| B    | # 4 @ 12" CONT.       | BOT      |

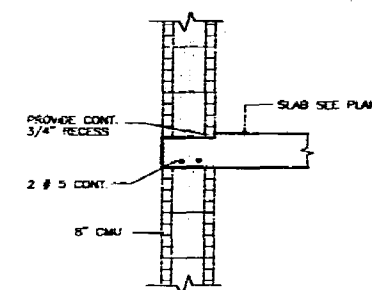
C1 8x8 COLUMN WITH  
2 # 5 VERT.  
# 3 @ 8 TIES



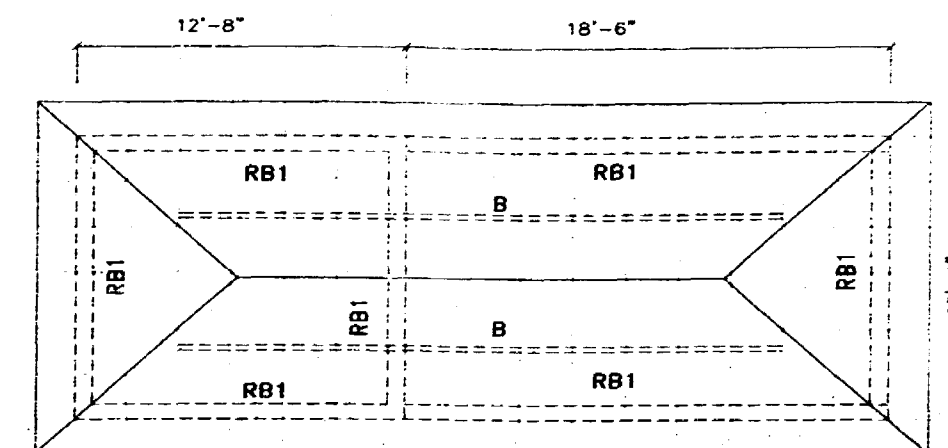
A SECTION  
SCALE: 1/2" = 1'-0"



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

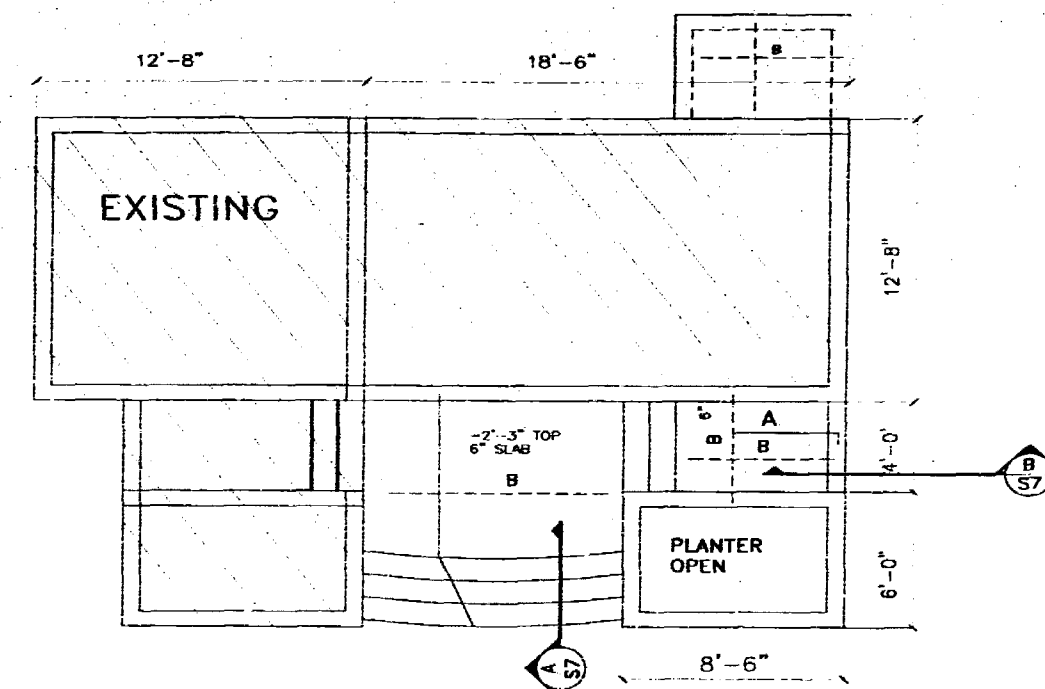


SECTION: TYPICAL SLAB EDGE  
SCALE: 3/4" = 1'-0"

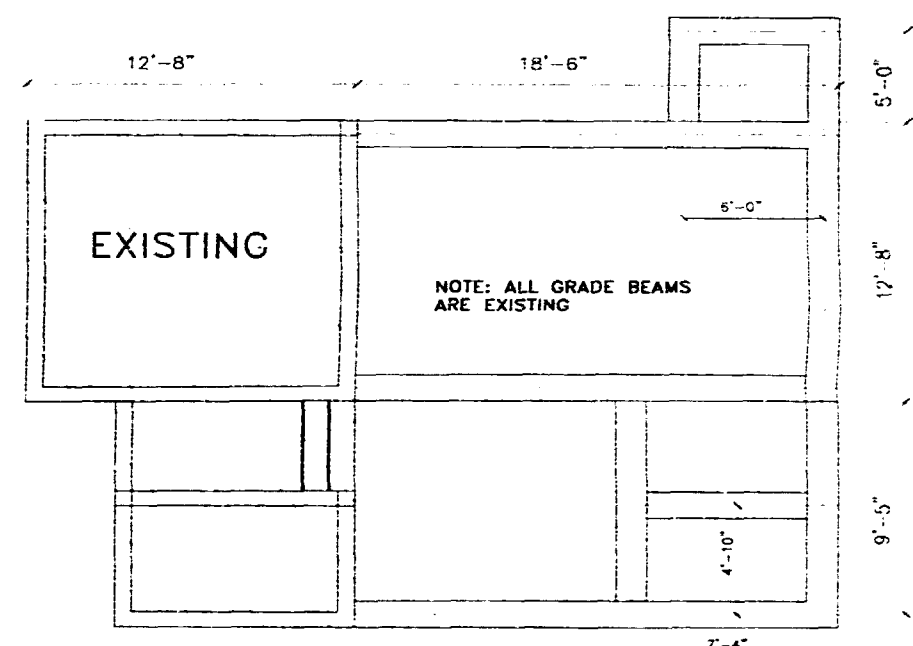


ROOF FRAMING PLAN  
1/4" = 1'-0"

B 2x4 CONTINUOUS BRACE AT BOTTOM CHORD LAP 2' MIN. CONNECT TO TRUSS WITH 2-16d NAILS



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



PILE & GRADE BEAM PLAN  
1/4" = 1'-0"

ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS  
PLANNERS  
550 BRICKELL KEY DRIVE, OFFICE FLAZA 201  
MIAMI  
FLORIDA 33135  
PHONE (305) 571-2837 FAX (305) 581-8541  
AAC0008

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

REVISIONS

DATE: 2-11-01  
SHEET: S8  
OF 8

COMBINED ENGINEERING SCIENCES  
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1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

THE TRUSS LAYOUT IS IN ACCORDANCE WITH THE ROOF GEOMETRY SET BY ARCHITECT. SEE ARCH'L. FOR ALL ROOF GEOMETRY. TRUSS MFR. SHALL SUBMIT FINAL TRUSS LAYOUT PLAN TO ENGINEER PRIOR TO FABRICATION OF TRUSSES. IF REQUIRED ENGINEER WILL SUBMIT REVISED FRAMING BASED ON TRUSS LAYOUT SET BY TRUSS MFR.

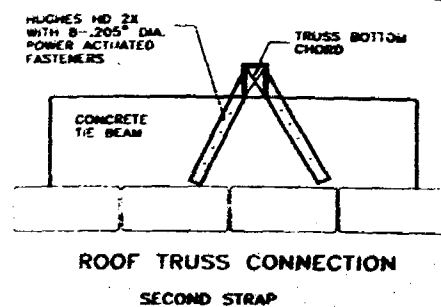
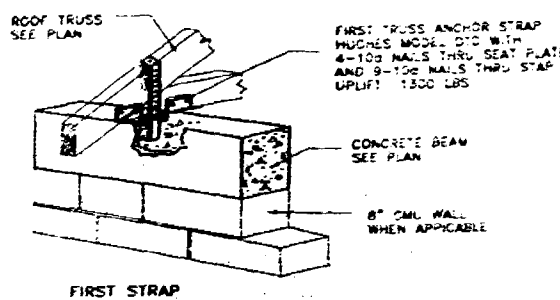
ADD FASCI. SEE ARCH'L.  
AT 2'-10" O.C. @ EACH TRUSS

1/16" SPACE AT PANEL ENDS

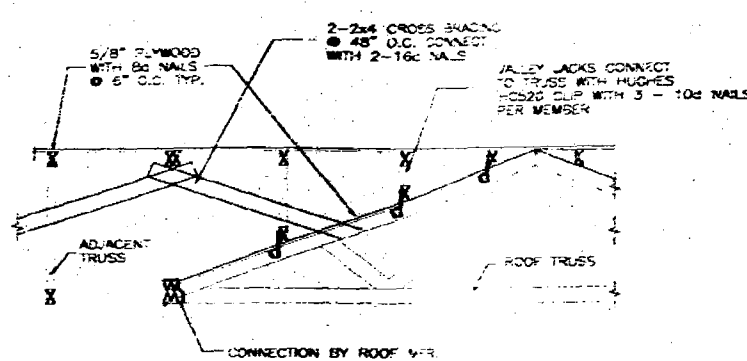
LATERAL BRACING SEE DETAIL ON THIS SHEET

50 NAILS AT 6" O.C. AT PANEL EDGE AND INTERMEDIATE SUPPORT  
4" O.C. @ CABLE ENDS  
FIRST 48" BACK

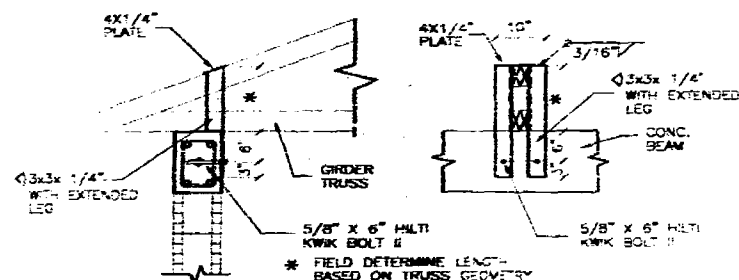
### PLYWOOD NAILING PLAN



TYPICAL ROOF TRUSS ANCHORAGE DETAIL FOR TRUSS OVER 30' ( 2 STRAPS )



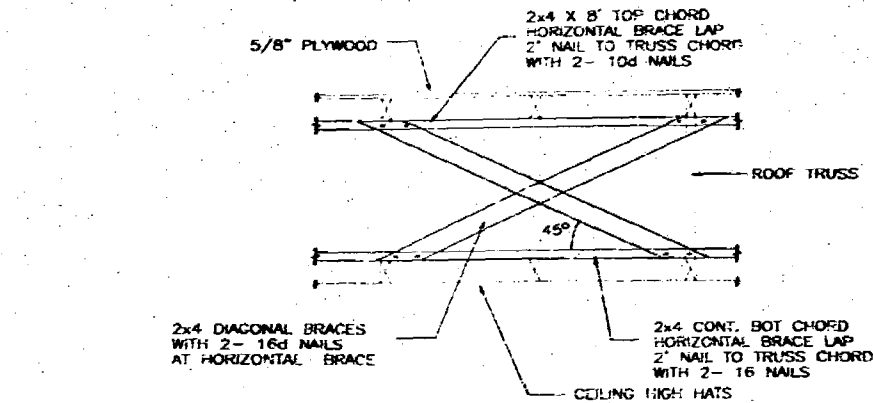
### GIRDER TRUSS TO TRUSS CONNECTION



SECTION OF GIRDER TRUSS ANCHOR STRAP

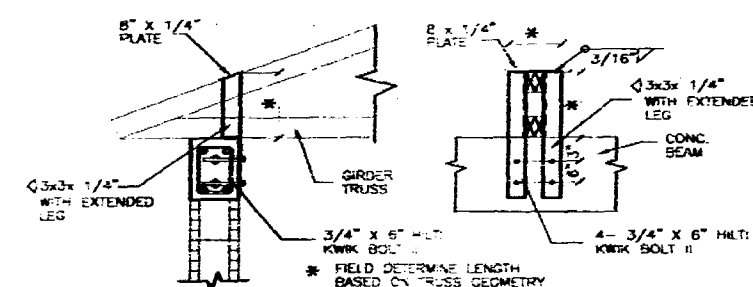
ELEVATION OF GIRDER TRUSS ANCHOR STRAP

GIRDER ANCHOR TYPE 1



### DIAGONAL BRACING ALONG BUILDING DEPTH

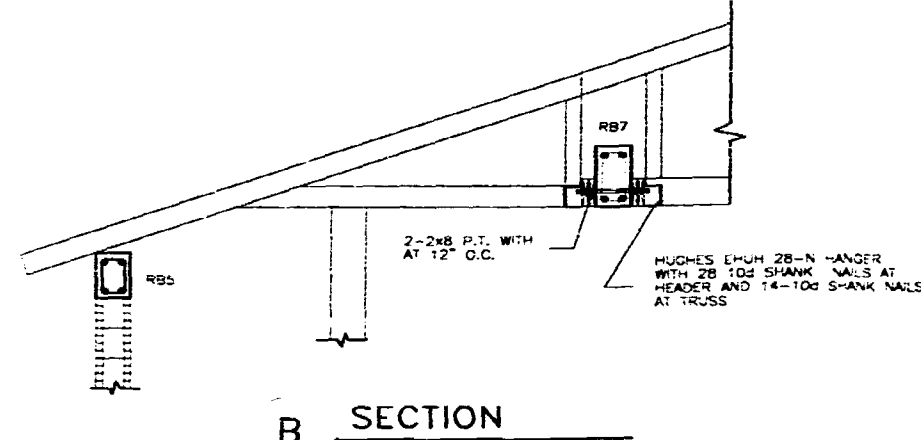
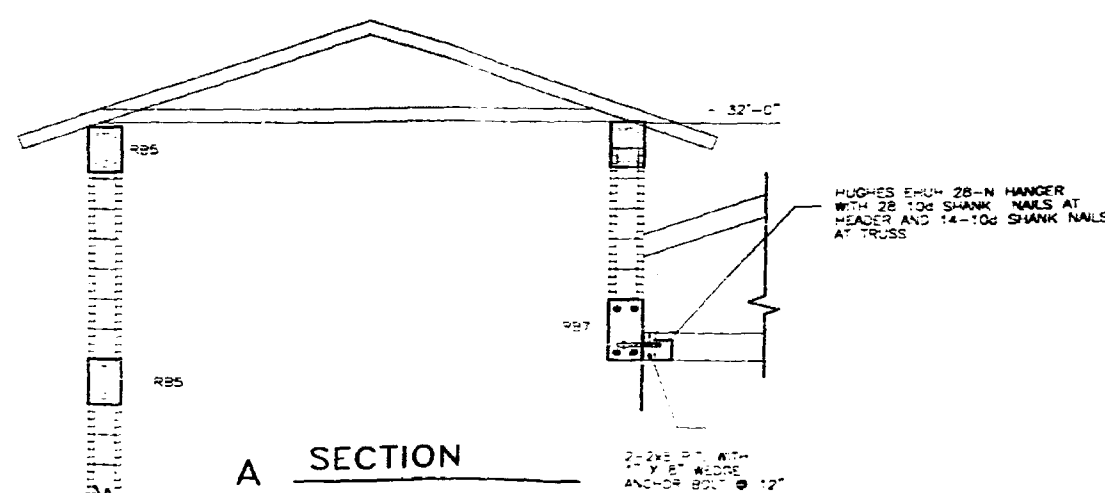
- NOTES:
1. SPACE DIAGONAL BRACING AT MAX. 20' O.C. ALONG DEPTH OF BUILDING
  2. SEE PLAN FOR BRACE LOCATION



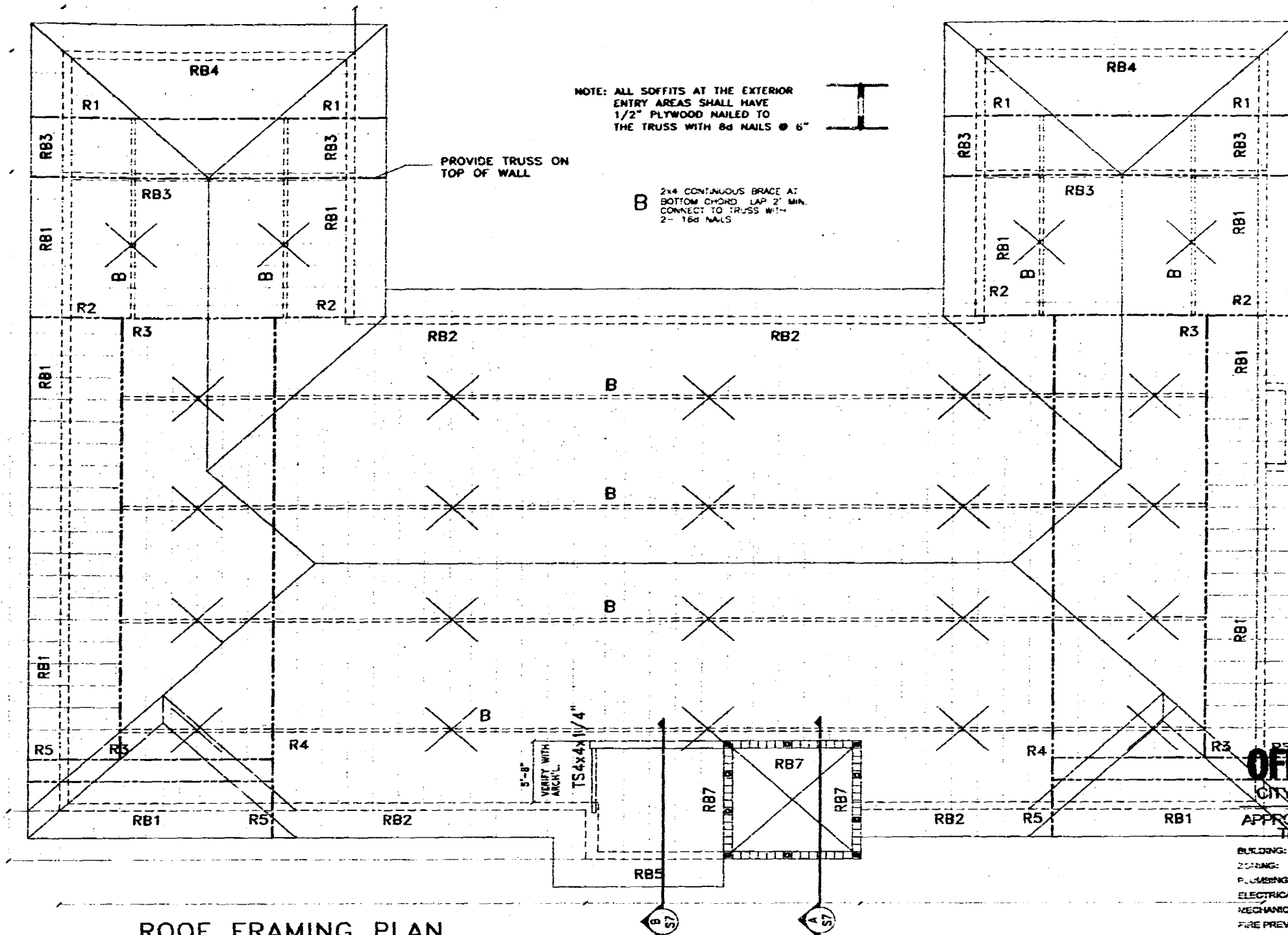
SECTION OF GIRDER TRUSS ANCHOR STRAP

ELEVATION OF GIRDER TRUSS ANCHOR STRAP

GIRDER ANCHOR TYPE 2



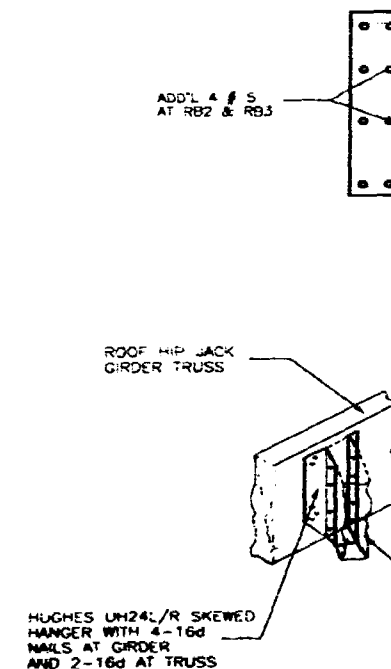
### ROOF FRAMING PLAN 3/16" = 1'-0"



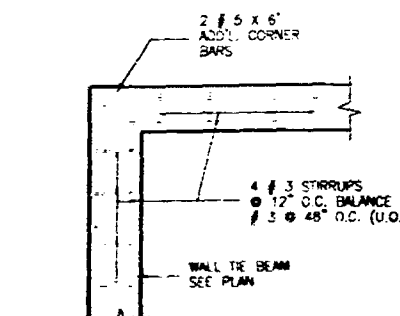
### CONCRETE BEAM SCHEDULE

| MARK  | SIZE<br>B" X H" | ELEV.  | REINFORCING |       | STIRRUPS |
|-------|-----------------|--------|-------------|-------|----------|
|       |                 |        | BOT         | TOP   |          |
| RB1   | 8 X 12          | 26'-9" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| RB2   | 8 X 34          | 25'-9" | 2 # 7       | 2 # 5 | # 3 @ 12 |
| RB3   | 8 X 43          | 26'-9" | 2 # 7       | 2 # 5 | # 3 @ 12 |
| * RB4 | 8 X 16          | 26'-9" | 2 # 6       | 2 # 5 | # 3 @ 6  |
| RB5   | 8 X 12          | 24'-9" | 2 # 5       | 2 # 5 | # 3 @ 48 |
| RB7   | 8 X 16          |        | 2 # 6       | 2 # 5 | # 3 @ 6  |

- NOTES:
1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY
  2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS
- \* BEAM HAS ARC PROFILE. SEE ARCH'L. FOR GEOMETRY



CONNECTION ROOF JACK TRUSSES TO HIP JACK GIRDER



CORNER REINFORCING DETAIL FOR ALL TIE BEAMS

### BUILDING ROOF WIND PRESSURES

| ZONE.  | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 47 PSF   | 40 PSF     |
| ZONE 2 | 78 PSF   | 70 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

### GIRDER TRUSS REACTIONS

| MARK | GRAVITY LOAD | WIND UPLIFT | CONNECTION DEVICE |
|------|--------------|-------------|-------------------|
| R1   | 3.4 K        | 5.0 K       | TYPE 1            |
| R2   | R2           | 4.0 K       |                   |
| R3   | R3           | 12.0 K      | TYPE 2            |
| R4   | R4           | 8.0 K       |                   |
| R5   | R5           | 8.0 K       | TYPE 2            |

ALL GIRDER TO GIRDER CONNECTIONS BY TRUSS MFR.

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL. 33135  
(305) 856-6345

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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: \_\_\_\_\_

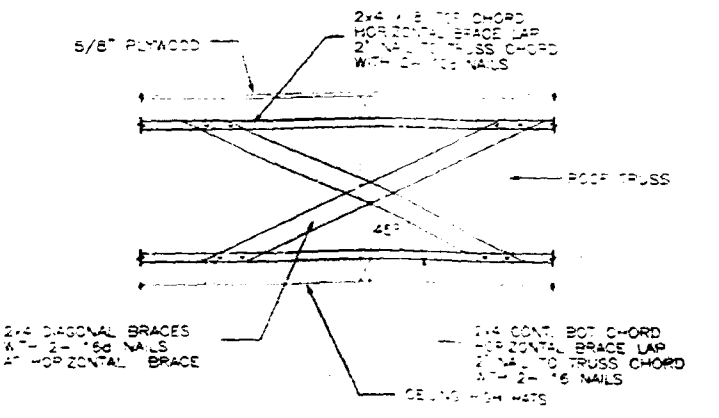
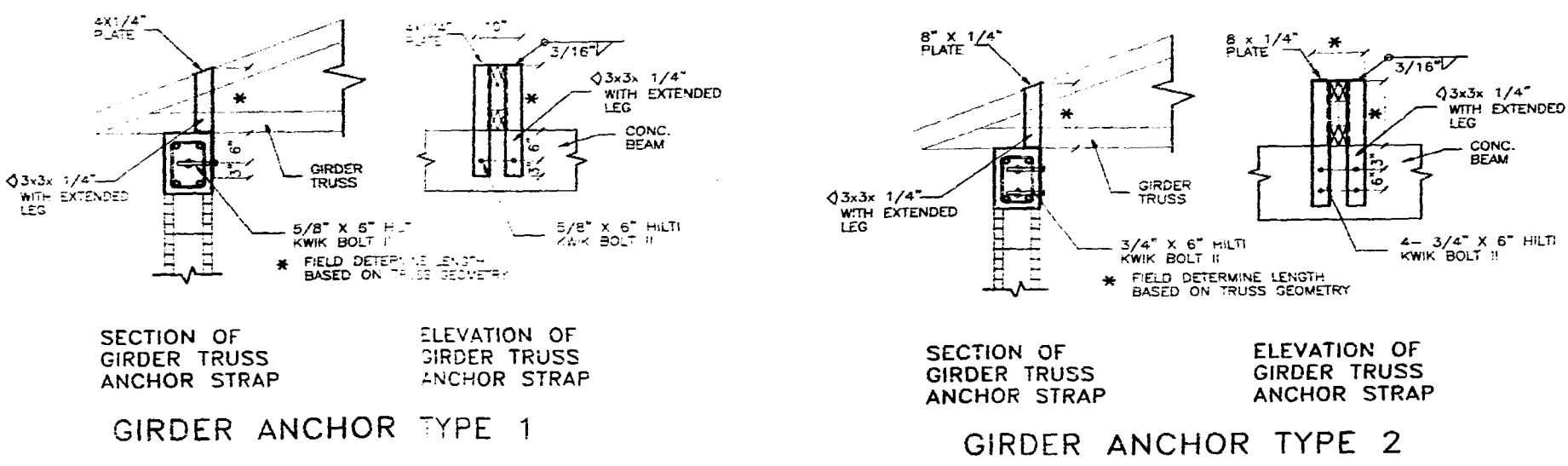
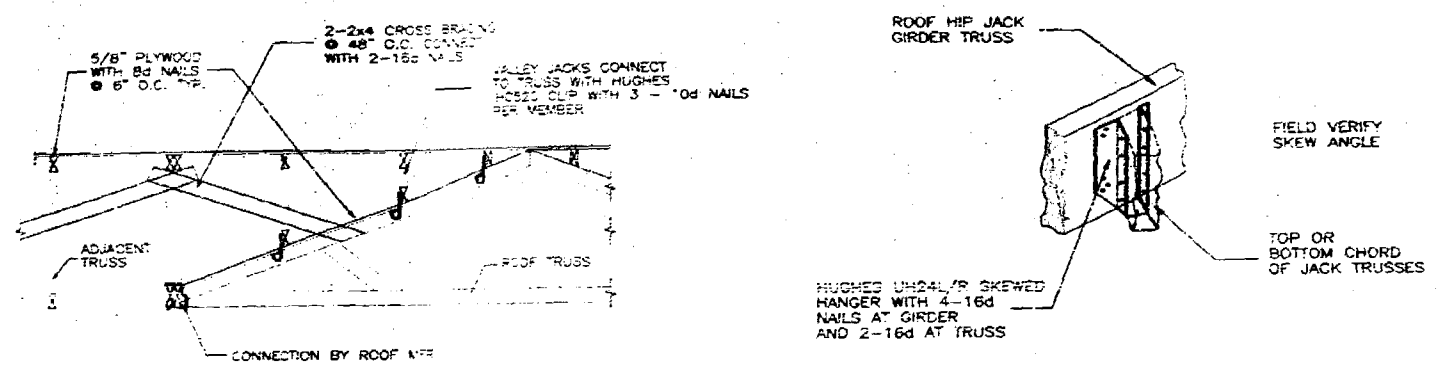
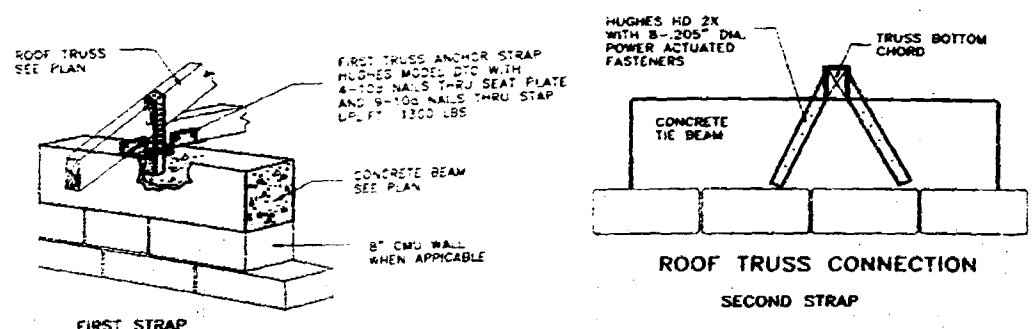
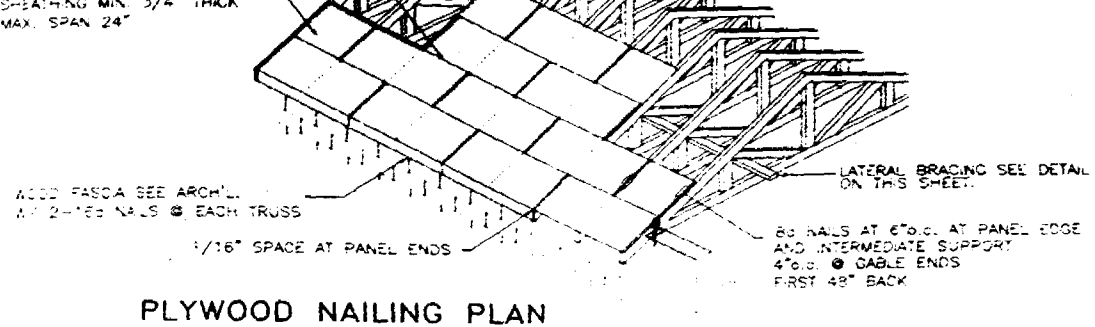
ROBERT WADE AND ASSOCIATES, INC.  
ARCHITECTS  
PLANNER  
350 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA 33131  
PHONE (305) 371-2832 FAX (305) 381-1400

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

REVISIONS

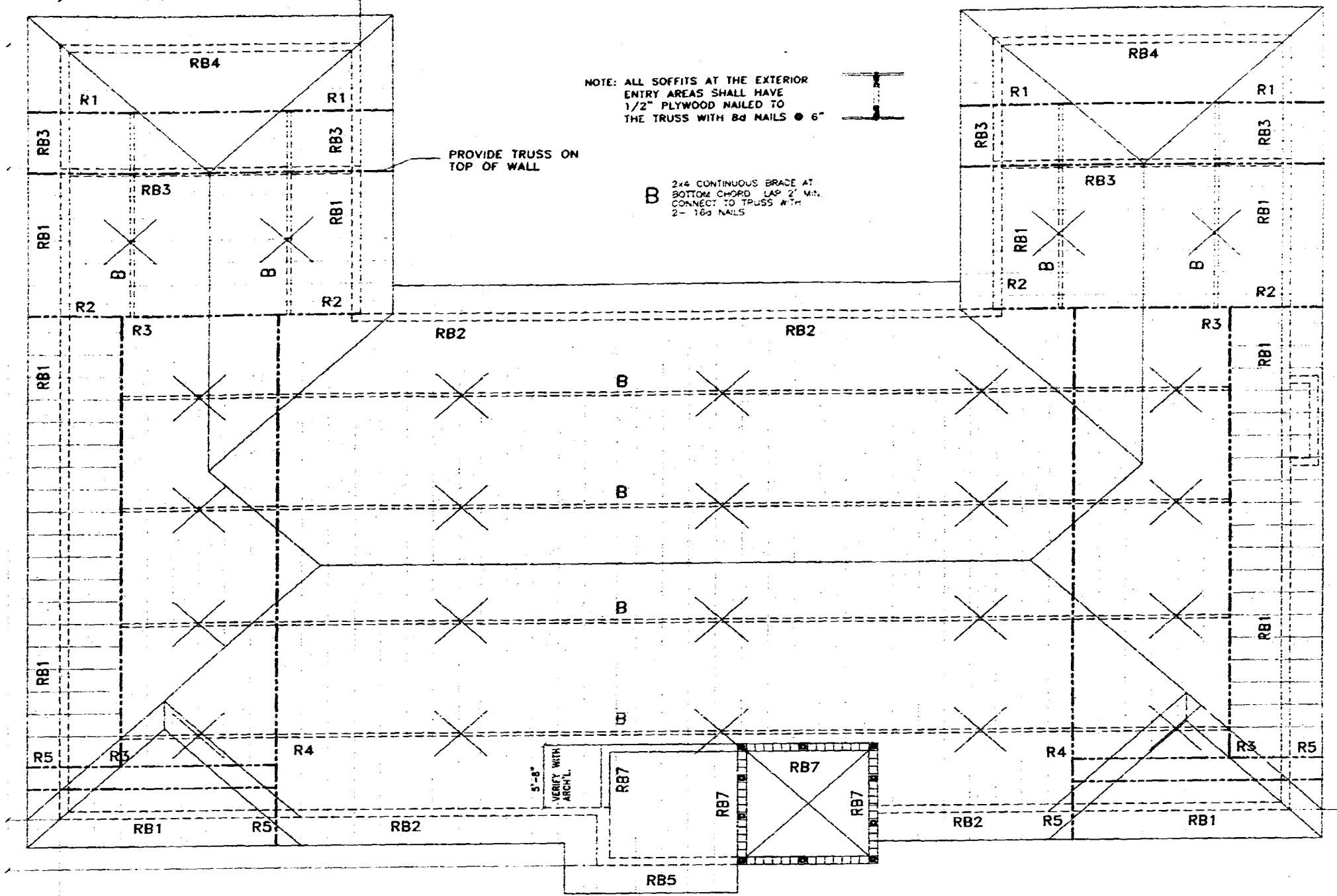
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SHEET S7  
OF 4

NOTE: FABRICATOR OF ROOF TRUSSES SHALL BE RESPONSIBLE FOR INSURING THAT THE TRUSS LAYOUT IS IN ACCORDANCE WITH THE ROOF GEOMETRY SET BY ARCHITECT. SEE ARCH'L. FOR ALL ROOF GEOMETRY. TRUSS MFR. SHALL SUBMIT FINAL TRUSS LAYOUT PLAN TO ENGINEER PRIOR TO FABRICATION OF TRUSSES. IF REQUIRED ENGINEER WILL SUBMIT REVISED FRAMING BASED ON TRUSS LAYOUT SET BY TRUSS MFR.



NOTES:

1. SPACE DIAGONAL BRACING AT MAX. 20' O.C. ALONG DEPTH OF BUILDING
2. SEE PLAN FOR BRACE LOCATION



ROOF FRAMING PLAN  
3/16"= 1'-0"

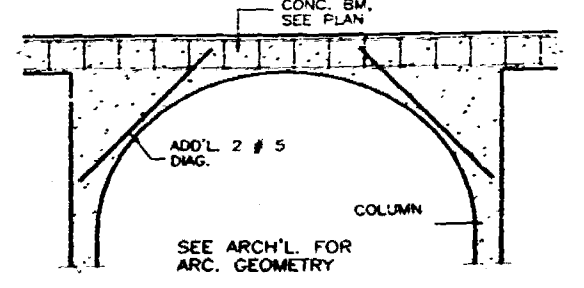
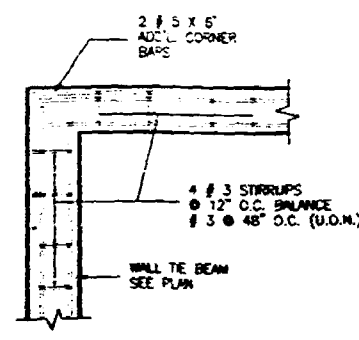
# CONCRETE BEAM SCHEDULE

| MARK  | SIZE<br>B" X H" | ELEV.  | REINFORCING STIRRUPS |                |
|-------|-----------------|--------|----------------------|----------------|
|       |                 |        | BOT                  | TOP            |
| RB1   | 8 X 12          | 26'-9" | 2 # 5                | 2 # 5 # 3 @ 48 |
| RB2   | 8 X 34          | 25'-9" | 2 # 7                | 2 # 5 # 3 @ 12 |
| RB3   | 8 X 43          | 26'-9" | 2 # 7                | 2 # 5 # 3 @ 12 |
| * RB4 | 8 X 16          | 26'-9" | 2 # 6                | 2 # 5 # 3 @ 6  |
| RB5   | 8 X 12          | 24'-9" | 2 # 5                | 2 # 5 # 3 @ 48 |
| RB7   | 8 X 16          |        | 2 # 6                | 2 # 6 # 3 @ 6  |

NOTES:

1. FIELD VERIFY BEAM DEPTH WITH DOOR & WINDOW GEOMETRY
2. VERIFY ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS

\* BEAM HAS ARC PROFILE. SEE ARCH'L. FOR GEOMETRY



# BUILDING ROOF WIND PRESSURES

| ZONE.  | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 47 PSF   | 40 PSF     |
| ZONE 2 | 78 PSF   | 70 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

# GIRDER TRUSS REACTIONS

| MARK | GRAVITY LOAD | WIND UPLIFT | CONNECTION DEVICE |
|------|--------------|-------------|-------------------|
| R1   | 3.4 K        | 5.0 K       | TYPE 1            |
| R2   | R2           | 4.0 K       |                   |
| R3   | R3           | 12.0 K      | TYPE 2            |
| R4   | R4           | 8.0 K       |                   |
| R5   | R5           | 8.0 K       | TYPE 2            |

ALL GIRDER TO GIRDER CONNECTIONS BY TRUSS MFR.

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

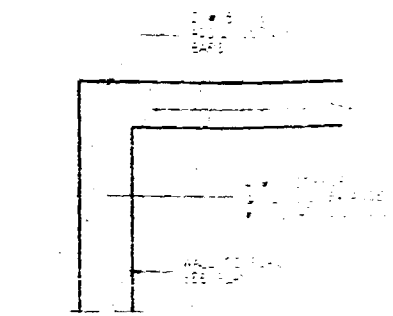
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PLANNERS

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INDUSTRIAL HOLDINGS  
DOMINION  
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REVISIONS

DATE 2-13-01  
SHEET 57  
OF 4



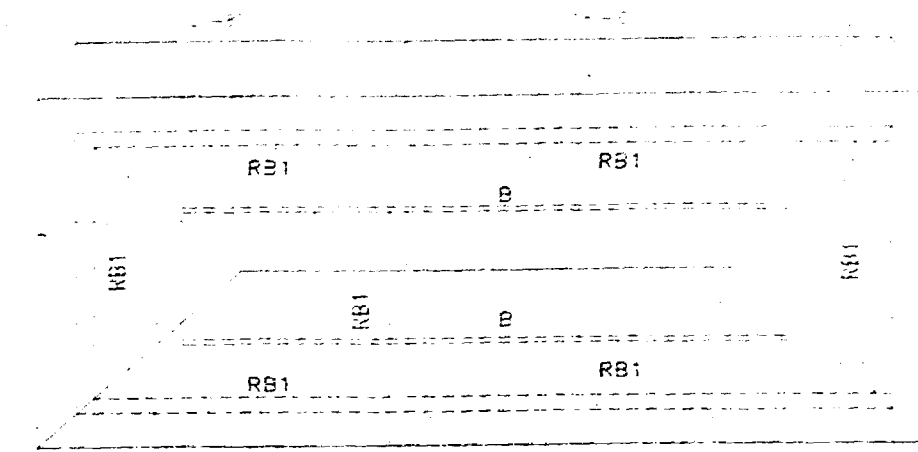


CORNER REINFORCING  
DETAIL FOR ALL TIE BEAMS

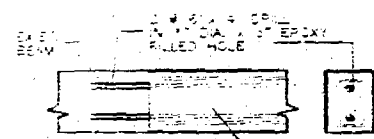
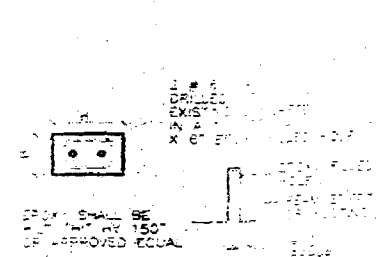
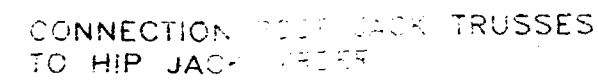
| BUILDING ROOF<br>WIND PRESSURES |          |               |
|---------------------------------|----------|---------------|
| ZONE.                           | PRESSURE | NET<br>UPLIFT |
| ZONE 1                          | 37 PSF   | 30 PSF        |
| ZONE 2                          | 42 PSF   | 60 PSF        |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

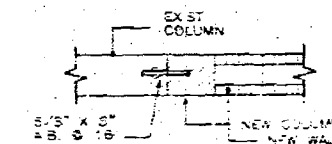
| CONCRETE BEAM SCHEDULE |                 |       |                     |     |
|------------------------|-----------------|-------|---------------------|-----|
| MARK                   | SIZE<br>B" X H" | ELEV. | REINFORCING STIRRUP |     |
|                        |                 |       | BOT                 | TOP |
| BE-1                   | 24" X 42"       | 61.0  | EXISTING BEAM       |     |



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



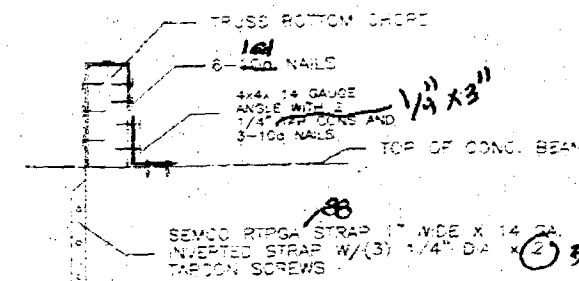
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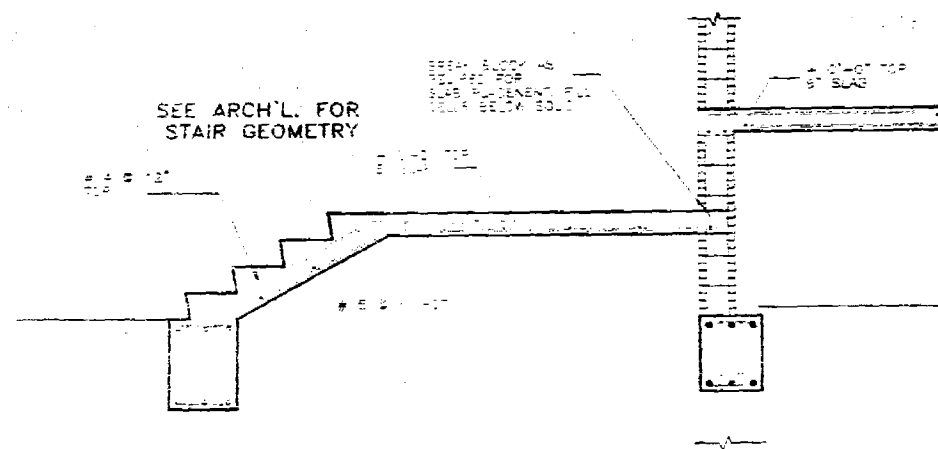
CONNECTION: NEW COL  
TO EXISTING COL.

| SLAB REINFORCING SCHEDULE |      |         |        |          |
|---------------------------|------|---------|--------|----------|
| MARK                      | SIZE | SPACING | LENGTH | LOCATION |
| A                         | # 4  | 6" X 4' |        | TOP      |
| B                         | # 4  | 6" X 4' |        | TOP      |
| C                         | # 4  | 6" X 4' |        | TOP      |
| D                         | # 4  | 6" X 4' |        | TOP      |
| E                         | # 4  | 6" X 4' |        | TOP      |
| F                         | # 4  | 6" X 4' |        | TOP      |
| G                         | # 4  | 6" X 4' |        | TOP      |
| H                         | # 4  | 6" X 4' |        | TOP      |
| I                         | # 4  | 6" X 4' |        | TOP      |
| J                         | # 4  | 6" X 4' |        | TOP      |
| K                         | # 4  | 6" X 4' |        | TOP      |
| L                         | # 4  | 6" X 4' |        | TOP      |
| M                         | # 4  | 6" X 4' |        | TOP      |
| N                         | # 4  | 6" X 4' |        | TOP      |
| O                         | # 4  | 6" X 4' |        | TOP      |
| P                         | # 4  | 6" X 4' |        | TOP      |
| Q                         | # 4  | 6" X 4' |        | TOP      |
| R                         | # 4  | 6" X 4' |        | TOP      |
| S                         | # 4  | 6" X 4' |        | TOP      |
| T                         | # 4  | 6" X 4' |        | TOP      |
| U                         | # 4  | 6" X 4' |        | TOP      |
| V                         | # 4  | 6" X 4' |        | TOP      |
| W                         | # 4  | 6" X 4' |        | TOP      |
| X                         | # 4  | 6" X 4' |        | TOP      |
| Y                         | # 4  | 6" X 4' |        | TOP      |
| Z                         | # 4  | 6" X 4' |        | TOP      |
| AA                        | # 4  | 6" X 4' |        | TOP      |
| AB                        | # 4  | 6" X 4' |        | TOP      |
| AC                        | # 4  | 6" X 4' |        | TOP      |
| AD                        | # 4  | 6" X 4' |        | TOP      |
| AE                        | # 4  | 6" X 4' |        | TOP      |
| AF                        | # 4  | 6" X 4' |        | TOP      |
| AG                        | # 4  | 6" X 4' |        | TOP      |
| AH                        | # 4  | 6" X 4' |        | TOP      |
| AI                        | # 4  | 6" X 4' |        | TOP      |
| AJ                        | # 4  | 6" X 4' |        | TOP      |
| AK                        | # 4  | 6" X 4' |        | TOP      |
| AL                        | # 4  | 6" X 4' |        | TOP      |
| AM                        | # 4  | 6" X 4' |        | TOP      |
| AN                        | # 4  | 6" X 4' |        | TOP      |
| AO                        | # 4  | 6" X 4' |        | TOP      |
| AP                        | # 4  | 6" X 4' |        | TOP      |
| AQ                        | # 4  | 6" X 4' |        | TOP      |
| AR                        | # 4  | 6" X 4' |        | TOP      |
| AS                        | # 4  | 6" X 4' |        | TOP      |
| AT                        | # 4  | 6" X 4' |        | TOP      |
| AU                        | # 4  | 6" X 4' |        | TOP      |
| AV                        | # 4  | 6" X 4' |        | TOP      |
| AW                        | # 4  | 6" X 4' |        | TOP      |
| AX                        | # 4  | 6" X 4' |        | TOP      |
| AY                        | # 4  | 6" X 4' |        | TOP      |
| AZ                        | # 4  | 6" X 4' |        | TOP      |
| BA                        | # 4  | 6" X 4' |        | TOP      |
| BB                        | # 4  | 6" X 4' |        | TOP      |
| BC                        | # 4  | 6" X 4' |        | TOP      |
| BD                        | # 4  | 6" X 4' |        | TOP      |
| BE                        | # 4  | 6" X 4' |        | TOP      |
| BF                        | # 4  | 6" X 4' |        | TOP      |
| BG                        | # 4  | 6" X 4' |        | TOP      |
| BH                        | # 4  | 6" X 4' |        | TOP      |
| BI                        | # 4  | 6" X 4' |        | TOP      |
| BJ                        | # 4  | 6" X 4' |        | TOP      |
| BK                        | # 4  | 6" X 4' |        | TOP      |
| BL                        | # 4  | 6" X 4' |        | TOP      |
| BM                        | # 4  | 6" X 4' |        | TOP      |
| BN                        | # 4  | 6" X 4' |        | TOP      |
| BO                        | # 4  | 6" X 4' |        | TOP      |
| BP                        | # 4  | 6" X 4' |        | TOP      |
| BQ                        | # 4  | 6" X 4' |        | TOP      |
| BR                        | # 4  | 6" X 4' |        | TOP      |
| BS                        | # 4  | 6" X 4' |        | TOP      |
| BT                        | # 4  | 6" X 4' |        | TOP      |
| BU                        | # 4  | 6" X 4' |        | TOP      |
| BV                        | # 4  | 6" X 4' |        | TOP      |
| BW                        | # 4  | 6" X 4' |        | TOP      |
| BX                        | # 4  | 6" X 4' |        | TOP      |
| BY                        | # 4  | 6" X 4' |        | TOP      |
| BZ                        | # 4  | 6" X 4' |        | TOP      |
| CA                        | # 4  | 6" X 4' |        | TOP      |
| CB                        | # 4  | 6" X 4' |        | TOP      |
| CC                        | # 4  | 6" X 4' |        | TOP      |
| CD                        | # 4  | 6" X 4' |        | TOP      |
| CE                        | # 4  | 6" X 4' |        | TOP      |
| CF                        | # 4  | 6" X 4' |        | TOP      |
| CG                        | # 4  | 6" X 4' |        | TOP      |
| CH                        | # 4  | 6" X 4' |        | TOP      |
| CI                        | # 4  | 6" X 4' |        | TOP      |
| CJ                        | # 4  | 6" X 4' |        | TOP      |
| CK                        | # 4  | 6" X 4' |        | TOP      |
| CL                        | # 4  | 6" X 4' |        | TOP      |
| CM                        | # 4  | 6" X 4' |        | TOP      |
| CN                        | # 4  | 6" X 4' |        | TOP      |
| CO                        | # 4  | 6" X 4' |        | TOP      |
| CP                        | # 4  | 6" X 4' |        | TOP      |
| CQ                        | # 4  | 6" X 4' |        | TOP      |
| CR                        | # 4  | 6" X 4' |        | TOP      |
| CS                        | # 4  | 6" X 4' |        | TOP      |
| CT                        | # 4  | 6" X 4' |        | TOP      |
| CU                        | # 4  | 6" X 4' |        | TOP      |
| CV                        | # 4  | 6" X 4' |        | TOP      |
| CW                        | # 4  | 6" X 4' |        | TOP      |
| CX                        | # 4  | 6" X 4' |        | TOP      |
| CY                        | # 4  | 6" X 4' |        | TOP      |
| CZ                        | # 4  | 6" X 4' |        | TOP      |
| DA                        | # 4  | 6" X 4' |        | TOP      |
| DB                        | # 4  | 6" X 4' |        | TOP      |
| DC                        | # 4  | 6" X 4' |        | TOP      |
| DD                        | # 4  | 6" X 4' |        | TOP      |
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| DF                        | # 4  | 6" X 4' |        | TOP      |
| DG                        | # 4  | 6" X 4' |        | TOP      |
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| DI                        | # 4  | 6" X 4' |        | TOP      |
| DJ                        | # 4  | 6" X 4' |        | TOP      |
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| DN                        | # 4  | 6" X 4' |        | TOP      |
| DO                        | # 4  | 6" X 4' |        | TOP      |
| DP                        | # 4  | 6" X 4' |        | TOP      |
| DQ                        | # 4  | 6" X 4' |        | TOP      |
| DR                        | # 4  | 6" X 4' |        | TOP      |
| DS                        | # 4  | 6" X 4' |        | TOP      |
| DT                        | # 4  | 6" X 4' |        | TOP      |
| DU                        | # 4  | 6" X 4' |        | TOP      |
| DV                        | # 4  | 6" X 4' |        | TOP      |
| DW                        | # 4  | 6" X 4' |        | TOP      |
| DX                        | # 4  | 6" X 4' |        | TOP      |
| DY                        | # 4  | 6" X 4' |        | TOP      |
| DZ                        | # 4  | 6" X 4' |        | TOP      |
| EA                        | # 4  | 6" X 4' |        | TOP      |
| EB                        | # 4  | 6" X 4' |        | TOP      |
| EC                        | # 4  | 6" X 4' |        | TOP      |
| ED                        | # 4  | 6" X 4' |        | TOP      |
| EE                        | # 4  | 6" X 4' |        | TOP      |
| EF                        | # 4  | 6" X 4' |        | TOP      |
| EG                        | # 4  | 6" X 4' |        | TOP      |
| EH                        | # 4  | 6" X 4' |        | TOP      |
| EI                        | # 4  | 6" X 4' |        | TOP      |
| EJ                        | # 4  | 6" X 4' |        | TOP      |
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| EM                        | # 4  | 6" X 4' |        | TOP      |
| EN                        | # 4  | 6" X 4' |        | TOP      |
| EO                        | # 4  | 6" X 4' |        | TOP      |
| EP                        | # 4  | 6" X 4' |        | TOP      |
| EQ                        | # 4  | 6" X 4' |        | TOP      |
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| EV                        | # 4  | 6" X 4' |        | TOP      |
| EW                        | # 4  | 6" X 4' |        | TOP      |
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| EY                        | # 4  | 6" X 4' |        | TOP      |
| EZ                        | # 4  | 6" X 4' |        | TOP      |
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| FB                        | # 4  | 6" X 4' |        | TOP      |
| FC                        | # 4  | 6" X 4' |        | TOP      |
| FD                        | # 4  | 6" X 4' |        | TOP      |
| FE                        | # 4  | 6" X 4' |        | TOP      |
| FF                        | # 4  | 6" X 4' |        | TOP      |
| FG                        | # 4  | 6" X 4' |        | TOP      |
| FH                        | # 4  | 6" X 4' |        | TOP      |
| FI                        | # 4  | 6" X 4' |        | TOP      |
| FJ                        | # 4  | 6" X 4' |        | TOP      |
| FK                        | # 4  | 6" X 4' |        | TOP      |
| FL                        | # 4  | 6" X 4' |        | TOP      |
| FM                        | # 4  | 6" X 4' |        | TOP      |
| FN                        | # 4  | 6" X 4' |        | TOP      |
| FO                        | # 4  | 6" X 4' |        | TOP      |
| FP                        | # 4  | 6" X 4' |        | TOP      |
| FQ                        | # 4  | 6" X 4' |        | TOP      |
| FR                        | # 4  | 6" X 4' |        | TOP      |
| FS                        | # 4  | 6" X 4' |        | TOP      |
| FT                        | # 4  | 6" X 4' |        | TOP      |
| FU                        | # 4  | 6" X 4' |        | TOP      |
| FV                        | # 4  | 6" X 4' |        | TOP      |
| FW                        | # 4  | 6" X 4' |        | TOP      |
| FX                        | # 4  | 6" X 4' |        | TOP      |
| FY                        | # 4  | 6" X 4' |        | TOP      |
| FZ                        | # 4  | 6" X 4' |        | TOP      |
| GA                        | # 4  | 6" X 4' |        | TOP      |
| GB                        | # 4  | 6" X 4' |        | TOP      |
| GC                        | # 4  | 6" X 4' |        | TOP      |
| GD                        | # 4  | 6" X 4' |        | TOP      |
| GE                        | # 4  | 6" X 4' |        | TOP      |
| GF                        | # 4  | 6" X 4' |        | TOP      |
| GG                        | # 4  | 6" X 4' |        | TOP      |
| GH                        | # 4  | 6" X 4' |        | TOP      |
| GI                        | # 4  | 6" X 4' |        | TOP      |
| GJ                        | # 4  | 6" X 4' |        | TOP      |
| GK                        | # 4  | 6" X 4' |        | TOP      |
| GL                        | # 4  | 6" X 4' |        | TOP      |
| GM                        | # 4  | 6" X 4' |        | TOP      |
| GN                        | # 4  | 6" X 4' |        | TOP      |
| GO                        | # 4  | 6" X 4' |        | TOP      |
| GP                        | # 4  | 6" X 4' |        | TOP      |
| GQ                        | # 4  | 6" X 4' |        | TOP      |
| GR                        | # 4  | 6" X 4' |        | TOP      |
| GS                        | # 4  | 6" X 4' |        | TOP      |
| GT                        | # 4  | 6" X 4' |        | TOP      |
| GU                        | # 4  | 6" X 4' |        | TOP      |
| GV                        | # 4  | 6" X 4' |        | TOP      |
| GW                        | # 4  | 6" X 4' |        | TOP      |
| GX                        | # 4  | 6" X 4' |        | TOP      |
| GY                        | # 4  | 6" X 4' |        | TOP      |
| GZ                        | # 4  | 6" X 4' |        | TOP      |
| HA                        | # 4  | 6" X 4' |        | TOP      |
| HB                        | # 4  | 6" X 4' |        | TOP      |
| HC                        | # 4  | 6" X 4' |        | TOP      |
| HD                        | # 4  | 6" X 4' |        | TOP      |
| HE                        | # 4  | 6" X 4' |        | TOP      |
| HF                        | # 4  | 6" X 4' |        | TOP      |
| HG                        | # 4  | 6" X 4' |        | TOP      |
| HH                        | # 4  | 6" X 4' |        | TOP      |
| HI                        | # 4  | 6" X 4' |        | TOP      |
| HJ                        | # 4  | 6" X 4' |        | TOP      |
| HK                        | # 4  | 6" X 4' |        | TOP      |
| HL                        | # 4  | 6" X 4' |        | TOP      |
| HM                        | # 4  | 6" X 4' |        | TOP      |
| HN                        | # 4  | 6" X 4' |        | TOP      |
| HO                        | # 4  | 6" X 4' |        | TOP      |
| HP                        | # 4  | 6" X 4' |        | TOP      |
| HQ                        | # 4  | 6" X 4' |        | TOP      |
| HR                        | # 4  | 6" X 4' |        | TOP      |
| HS                        | # 4  | 6" X 4' |        | TOP      |
| HT                        | # 4  | 6" X 4' |        | TOP      |
| HU                        | # 4  | 6" X 4' |        | TOP      |
| HV                        | # 4  | 6" X 4' |        | TOP      |
| HW                        | # 4  | 6" X 4' |        | TOP      |
| HX                        | # 4  | 6" X 4' |        | TOP      |
| HY                        | # 4  | 6" X 4' |        | TOP      |
| HZ                        | # 4  | 6" X 4' |        | TOP      |
| IA                        | # 4  | 6" X 4' |        | TOP      |
| IB                        | # 4  | 6" X 4' |        | TOP      |
| IC                        | # 4  | 6" X 4' |        | TOP      |
| ID                        | # 4  | 6" X 4' |        | TOP      |
| IE                        | # 4  | 6" X 4' |        | TOP      |
| IF                        | # 4  | 6" X 4' |        | TOP      |
| IG                        | # 4  | 6" X 4' |        | TOP      |
| IH                        | # 4  | 6" X 4' |        | TOP      |
| II                        | # 4  | 6" X 4' |        | TOP      |
| IJ                        | # 4  | 6" X 4' |        | TOP      |
| IK                        | # 4  | 6" X 4' |        | TOP      |
| IL                        | # 4  | 6" X 4' |        | TOP      |
| IM                        | # 4  | 6" X 4' |        | TOP      |
| IN                        | # 4  | 6" X 4' |        | TOP      |
| IO                        | # 4  | 6" X 4' |        | TOP      |
| IP                        | # 4  | 6" X 4' |        | TOP      |
| IQ                        | # 4  | 6" X 4' |        | TOP      |
| IR                        | # 4  | 6" X 4' |        | TOP      |
| IS                        | # 4  | 6" X 4' |        | TOP      |
| IT                        | # 4  | 6" X 4' |        | TOP      |
| IU                        | # 4  | 6" X 4' |        | TOP      |
| IV                        | # 4  | 6" X 4' |        | TOP      |
| IW                        | # 4  | 6" X 4' |        | TOP      |
| IX                        | # 4  | 6" X 4' |        | TOP      |
| IY                        | # 4  | 6" X 4' |        | TOP      |
| IZ                        | # 4  | 6" X 4' |        | TOP      |
| JA                        | # 4  | 6" X 4' |        | TOP      |
| JB                        | # 4  | 6" X 4' |        | TOP      |
| JC                        | # 4  | 6" X 4' |        | TOP      |
| JD                        | # 4  | 6" X 4' |        | TOP      |
| JE                        | # 4  | 6" X 4' |        | TOP      |
| JF                        | # 4  | 6" X 4' |        | TOP      |
| JG                        | # 4  | 6" X 4' |        | TOP      |
| JH                        | # 4  | 6" X 4' |        | TOP      |
| JI                        | # 4  | 6" X 4' |        | TOP      |
| JJ                        | # 4  | 6" X 4' |        | TOP      |
| JK                        | # 4  | 6" X 4' |        | TOP      |
| JL                        | # 4  | 6" X 4' |        | TOP      |
| JM                        | # 4  | 6" X 4' |        | TOP      |
| JN                        | # 4  | 6" X 4' |        | TOP      |
| JO                        | # 4  | 6" X 4' |        | TOP      |
| JP                        | # 4  | 6" X 4' |        | TOP      |
| JQ                        | # 4  | 6" X 4' |        | TOP      |
| JR                        | # 4  | 6" X 4' |        | TOP      |
| JS                        | # 4  | 6" X 4' |        | TOP      |
| JT                        | # 4  | 6" X 4' |        | TOP      |
| JU                        | # 4  | 6" X 4' |        | TOP      |
| JV                        | # 4  | 6" X 4' |        | TOP      |
| JW                        | # 4  | 6" X 4' |        | TOP      |
| JX                        | # 4  | 6" X 4' |        | TOP      |
| JY                        | # 4  | 6" X 4' |        | TOP      |
| JZ                        | # 4  | 6" X 4' |        | TOP      |
| KA                        | # 4  | 6" X 4' |        | TOP      |
| KB                        | # 4  | 6" X 4' |        | TOP      |
| KC                        | # 4  | 6" X 4' |        | TOP      |
| KD                        | # 4  | 6" X 4' |        | TOP      |
| KE                        | # 4  | 6" X 4' |        | TOP      |
| KF                        | # 4  | 6" X 4' |        | TOP      |
| KG                        | # 4  | 6" X 4' |        | TOP      |
| KH                        | # 4  | 6" X 4' |        | TOP      |
| KI                        | # 4  | 6" X 4' |        | TOP      |
| KJ                        | # 4  | 6" X 4' |        | TOP      |
| KK                        | # 4  | 6" X 4' |        | TOP      |
| KL                        | # 4  | 6" X 4' |        | TOP      |
| KM                        | # 4  | 6" X 4' |        | TOP      |
| KN                        | # 4  | 6" X 4' |        | TOP      |
| KO                        | # 4  | 6" X 4' |        | TOP      |
| KP                        | # 4  | 6" X 4' |        | TOP      |
| KQ                        | # 4  | 6" X 4' |        | TOP      |
| KR                        | # 4  | 6" X 4' |        | TOP      |
| KS                        | # 4  | 6" X 4' |        | TOP      |
| KT                        | # 4  | 6" X 4' |        | TOP      |
| KU                        | # 4  | 6" X 4' |        | TOP      |
| KV                        | # 4  | 6" X 4' |        | TOP      |
| KW                        | # 4  | 6" X 4' |        | TOP      |
| KX                        | # 4  | 6" X 4' |        | TOP      |
| KY                        | # 4  | 6" X 4' |        | TOP      |
| KZ                        | # 4  | 6" X 4' |        | TOP      |
| LA                        | # 4  | 6" X 4' |        | TOP      |
| LB                        | # 4  | 6" X 4' |        | TOP      |
| LC                        | # 4  | 6" X 4' |        | TOP      |
| LD                        | # 4  | 6" X 4' |        | TOP      |
| LE                        | # 4  | 6" X 4' |        | TOP      |
| LF                        | # 4  | 6" X 4' |        | TOP      |
| LG                        | # 4  | 6" X 4' |        | TOP      |
| LH                        | # 4  | 6" X 4' |        | TOP      |
| LI                        | # 4  | 6" X 4' |        | TOP      |
| LJ                        | # 4  | 6" X 4' |        | TOP      |
| LK                        | # 4  | 6" X 4' |        | TOP      |
| LL                        | # 4  | 6" X 4' |        | TOP      |
| LM                        | # 4  | 6" X 4' |        | TOP      |
| LN                        | # 4  | 6" X 4' |        | TOP      |
| LO                        | # 4  | 6" X 4' |        | TOP      |
| LP                        | # 4  | 6" X 4' |        | TOP      |
| LQ                        | # 4  | 6" X 4' |        | TOP      |
| LR                        | # 4  | 6" X 4' |        | TOP      |
| LS                        | # 4  | 6" X 4' |        | TOP      |
| LT                        | # 4  | 6" X 4' |        | TOP      |
| LU                        | # 4  | 6" X 4' |        | TOP      |
| LV                        | # 4  | 6" X 4' |        |          |

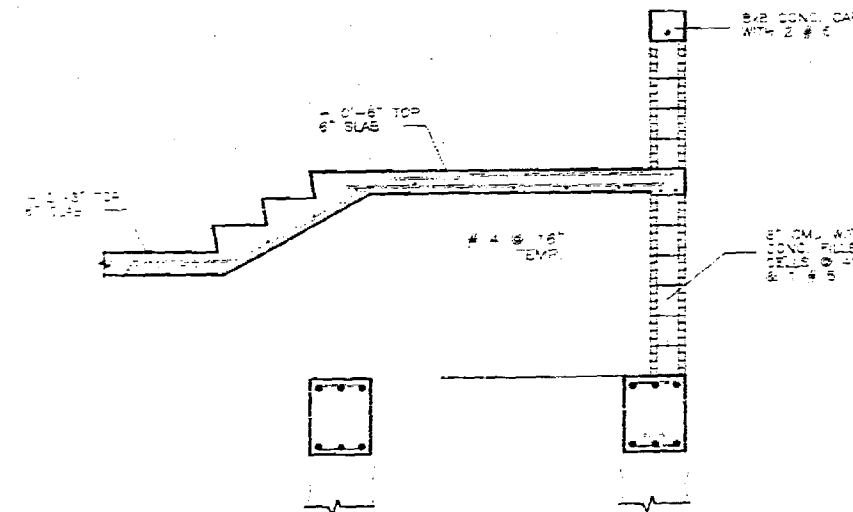
C1 3/8 COLUMN WITH  
1/2 5 VERT.  
1/3 4/8 TIES



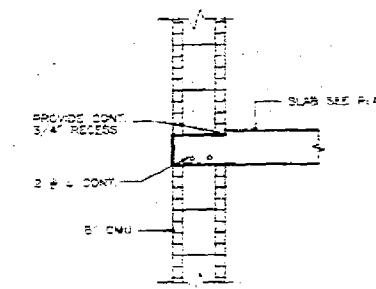
CONNECTION: ROOF TRUSS TO  
EXISTING WALL



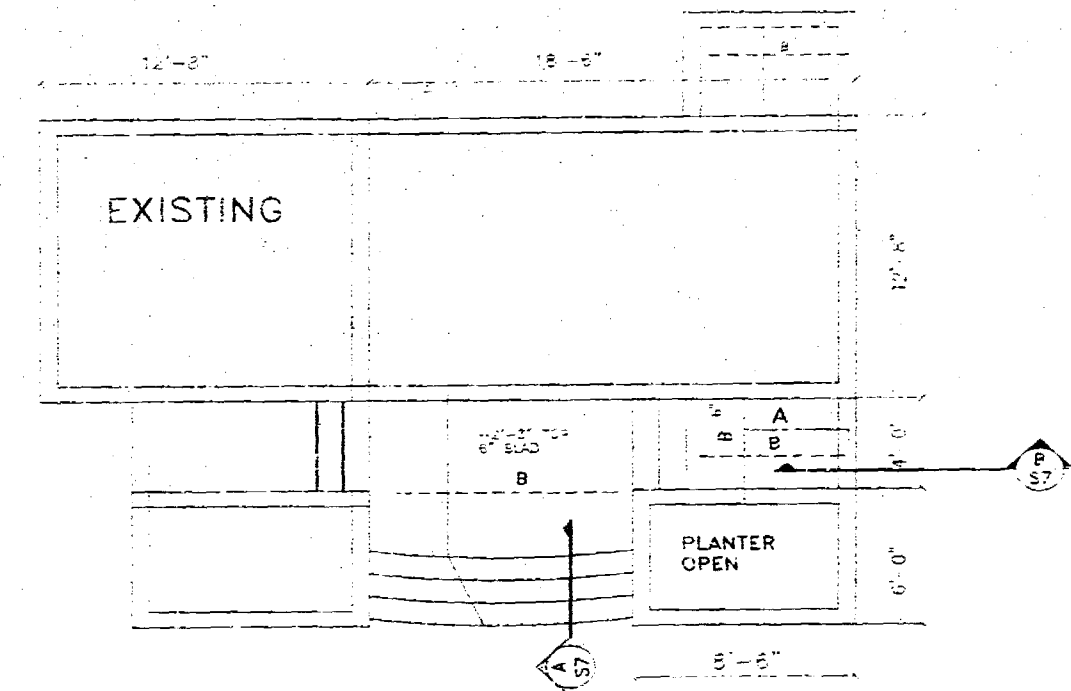
A SECTION  
SCALE: 1/2" = 1'-0"



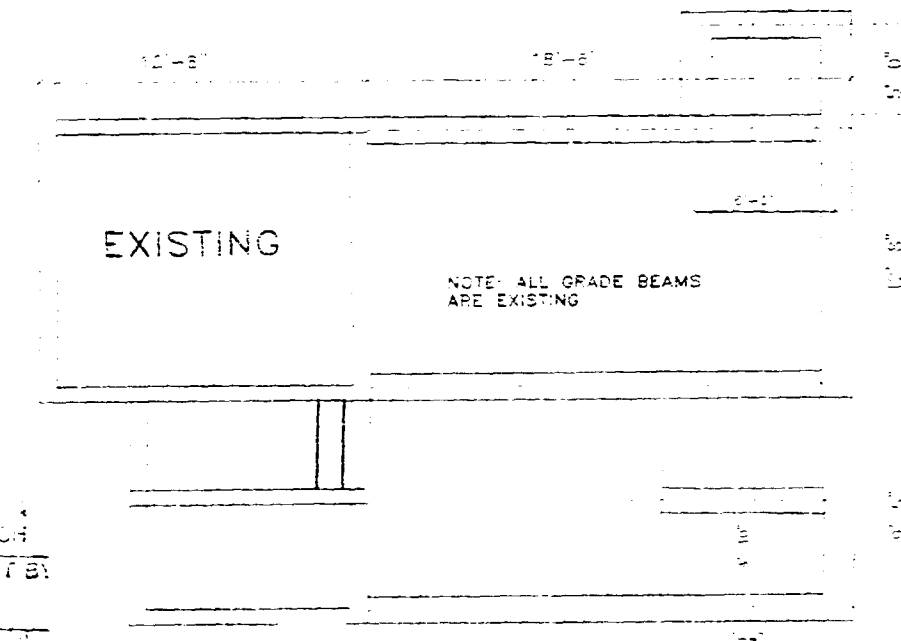
B SECTION  
SCALE: 1/2" = 1'-0"



SECTION: TYPICAL SLAB EDGE  
SCALE: 3/4" = 1'-0"



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



PILE & GRADE BEAM PLAN  
1/4" = 1'-0"

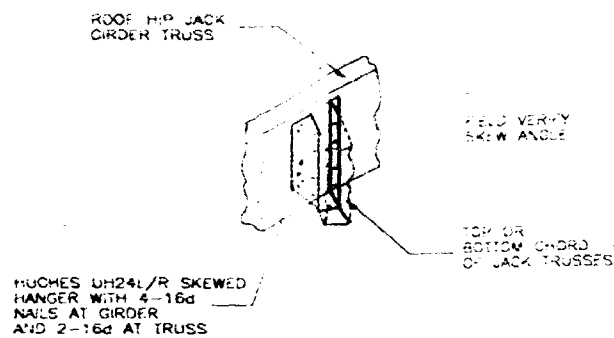
100-443887-100  
ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-14-2013 BY 60322  
UCBAW

NAME \_\_\_\_\_  
 SSN \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_  
 STATE \_\_\_\_\_  
 ZIP \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_  
 DATE \_\_\_\_\_

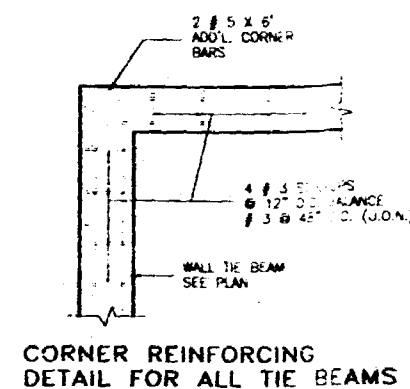
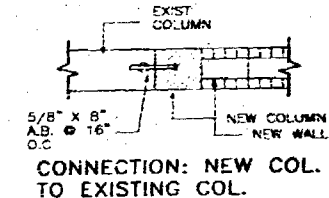
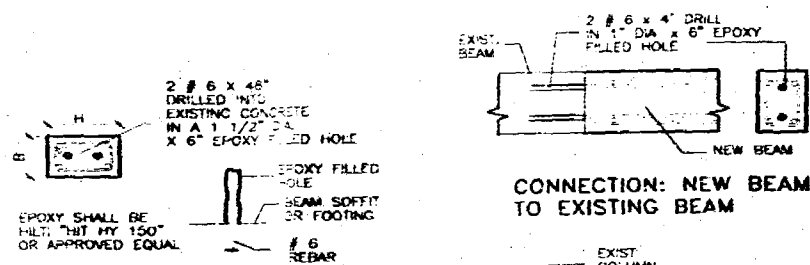


DIVISION OF INVESTIGATION  
 U. S. DEPARTMENT OF JUSTICE  
 1214 BR. ST. CT.  
 WASH., D. C. 20535  
 311 313-6545

13-22-01



CONNECTION ROOF JACK TRUSSES TO HIP JACK GIRDER



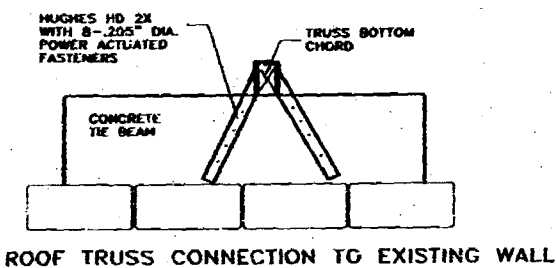
# BUILDING ROOF WIND PRESSURES

| ZONE.  | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 37 PSF   | 30 PSF     |
| ZONE 2 | 68 PSF   | 60 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

# CONCRETE BEAM SCHEDULE

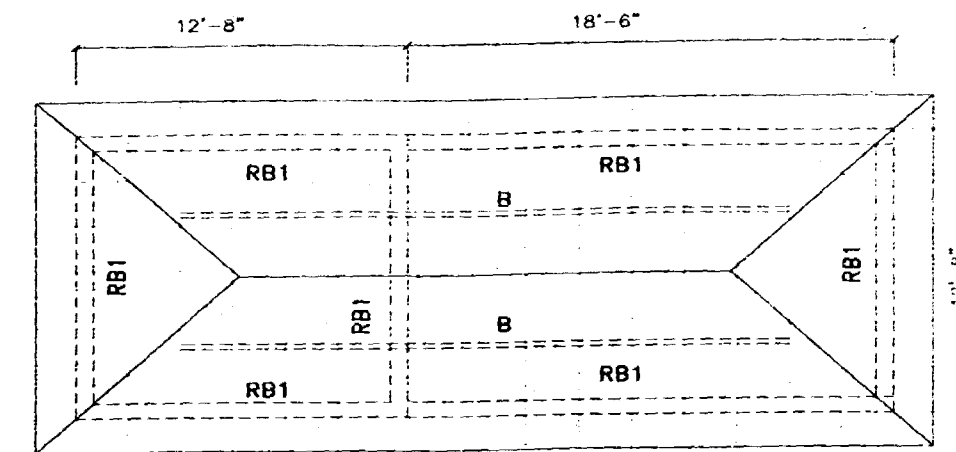
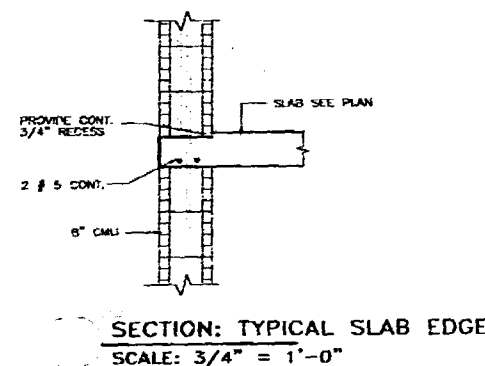
| MARK | SIZE<br>B" X H" | ELEV. | REINFORCING STIRRUPS<br>BOT TOP |
|------|-----------------|-------|---------------------------------|
| RB1  | 8 X 12          | 8'-2" | EXISTING BEAM                   |



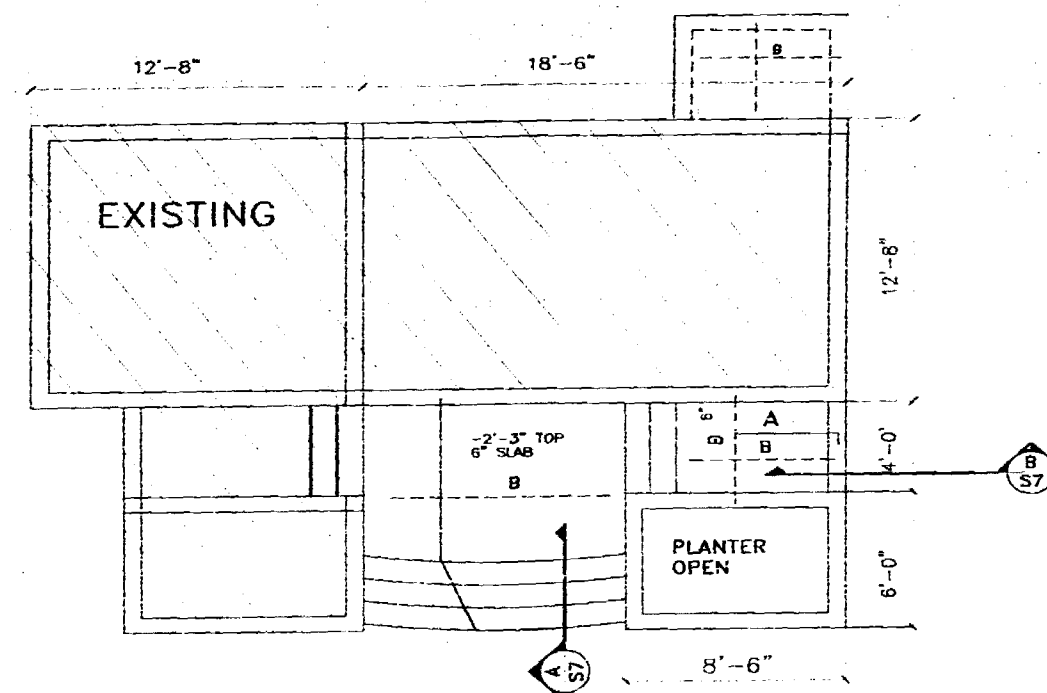
# SLAB REINFORCING SCHEDULE

| MARK | SIZE          | SPACING | LENGTH | LOCATION |
|------|---------------|---------|--------|----------|
| A    | #4 @ 15" X 4' |         |        | TOP      |
| B    | #4 @ 12" CONT |         |        | BOT      |

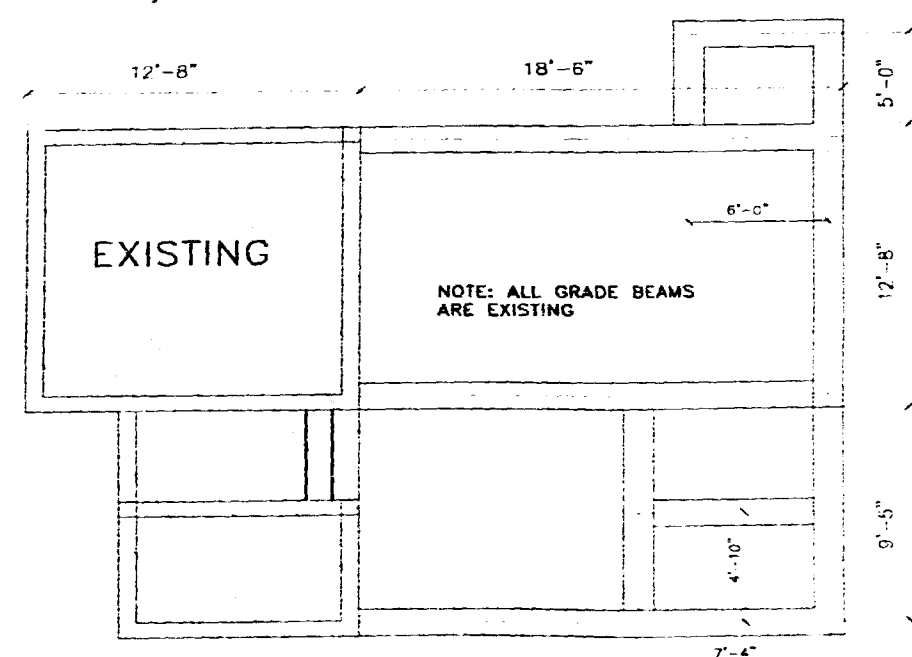
C1 8x8 COLUMN WITH  
2 #5 VERT.  
#3 @ 8 TIES



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



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



PILE & GRADE BEAM PLAN  
1/4" = 1'-0"

OFFICE COPY  
CITY OF MIAMI BEACH  
FOR PERMIT BY  
FOLLOWING:

*[Signature]*

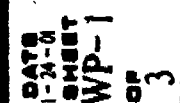
ROBERT WADE AND ASSOCIATES, P  
ARCHITECTS  
PLANNERS  
PHONE (305) 371-2632 FAX (305) 381-6545  
520 BICKELL AVE. DRIVE OFFICE PLAZA 201  
MIAMI FLORIDA

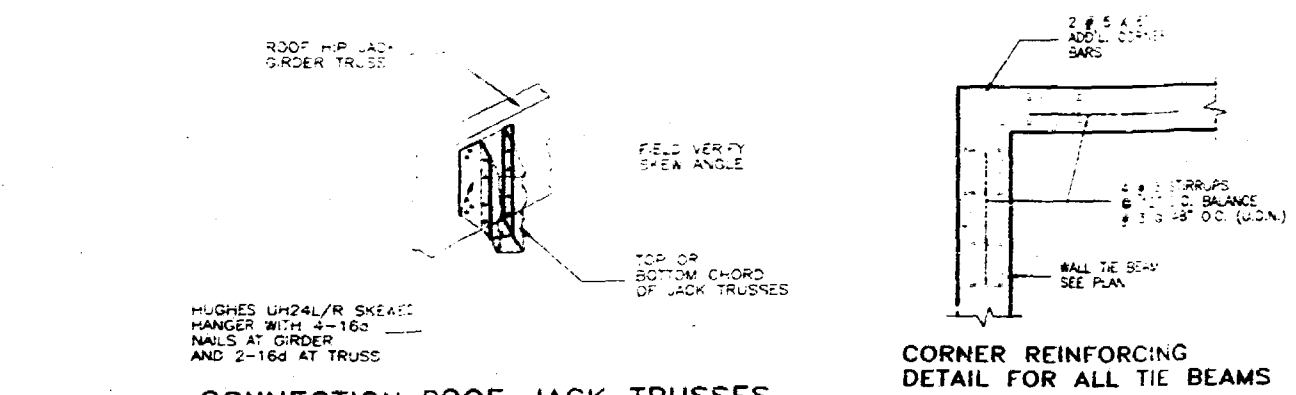
RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE. FLORIDA

REVISIONS

DATE  
2-13-01  
SHEET  
S8  
OF 8

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345





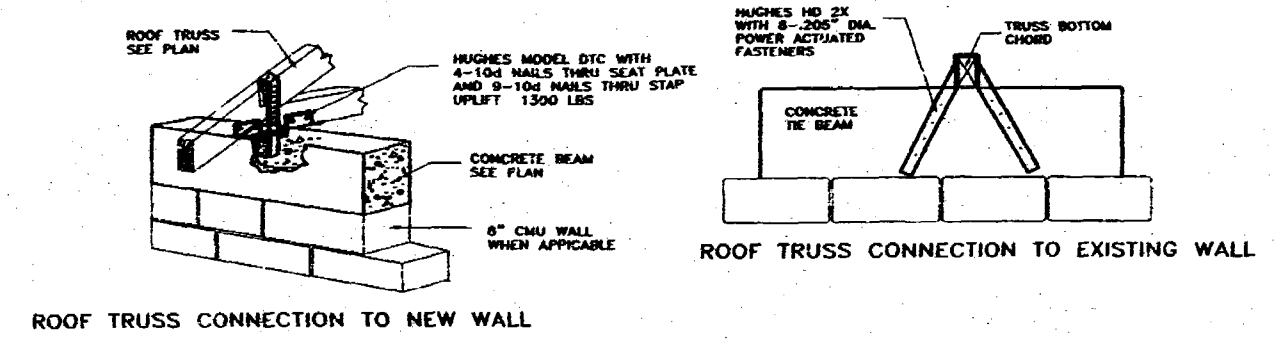
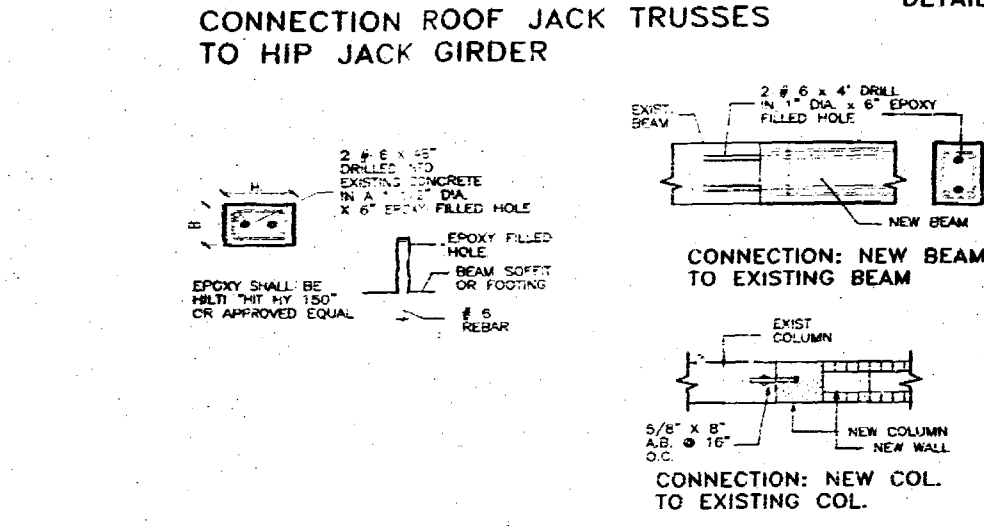
**BUILDING ROOF WIND PRESSURES**

| ZONE   | PRESSURE | NET UPLIFT |
|--------|----------|------------|
| ZONE 1 | 37 PSF   | 30 PSF     |
| ZONE 2 | 68 PSF   | 60 PSF     |

ROOF D.L. 25 PSF  
ROOF L.L. 30 PSF

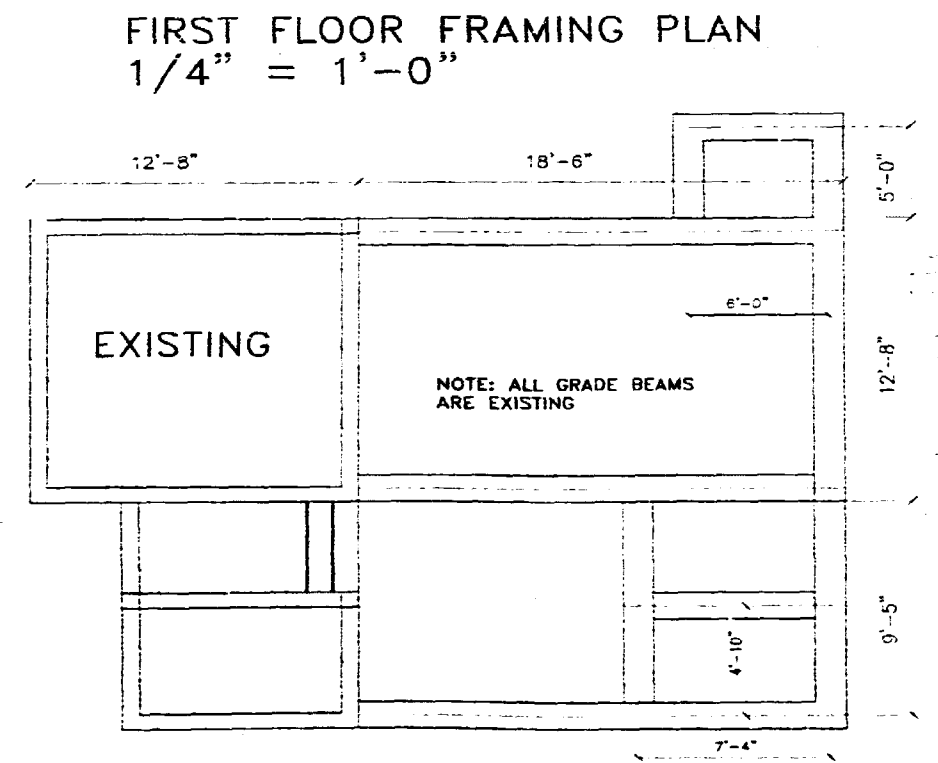
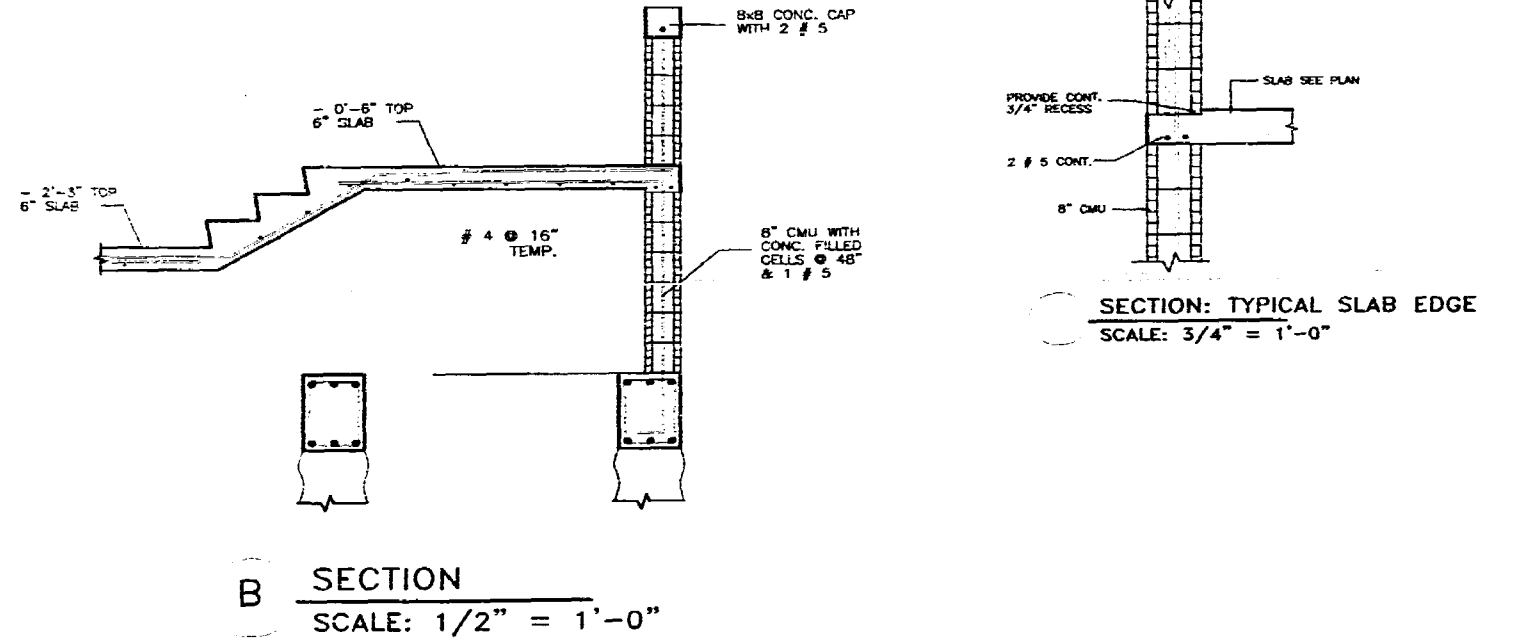
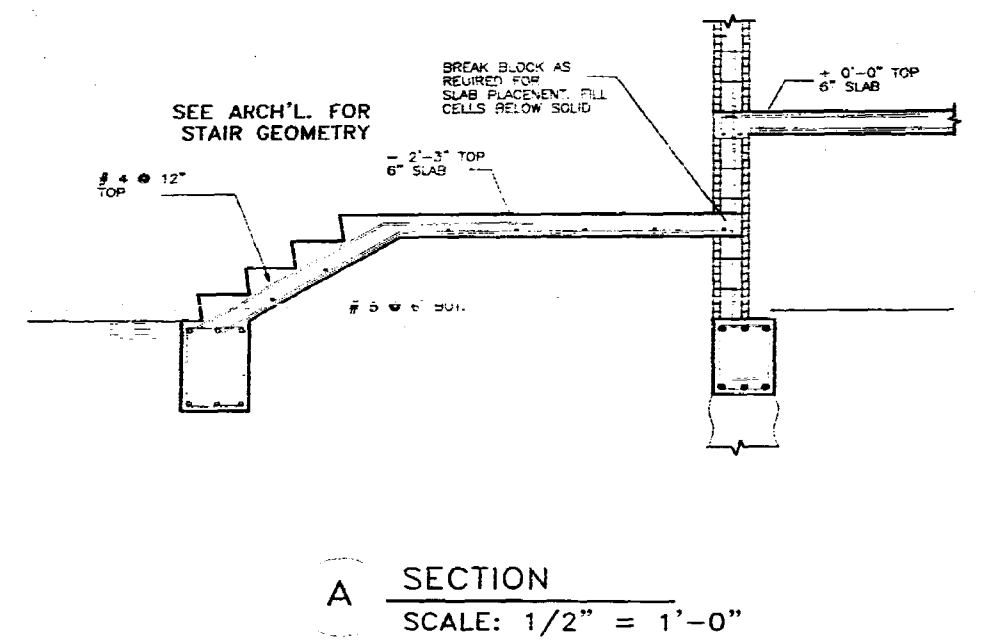
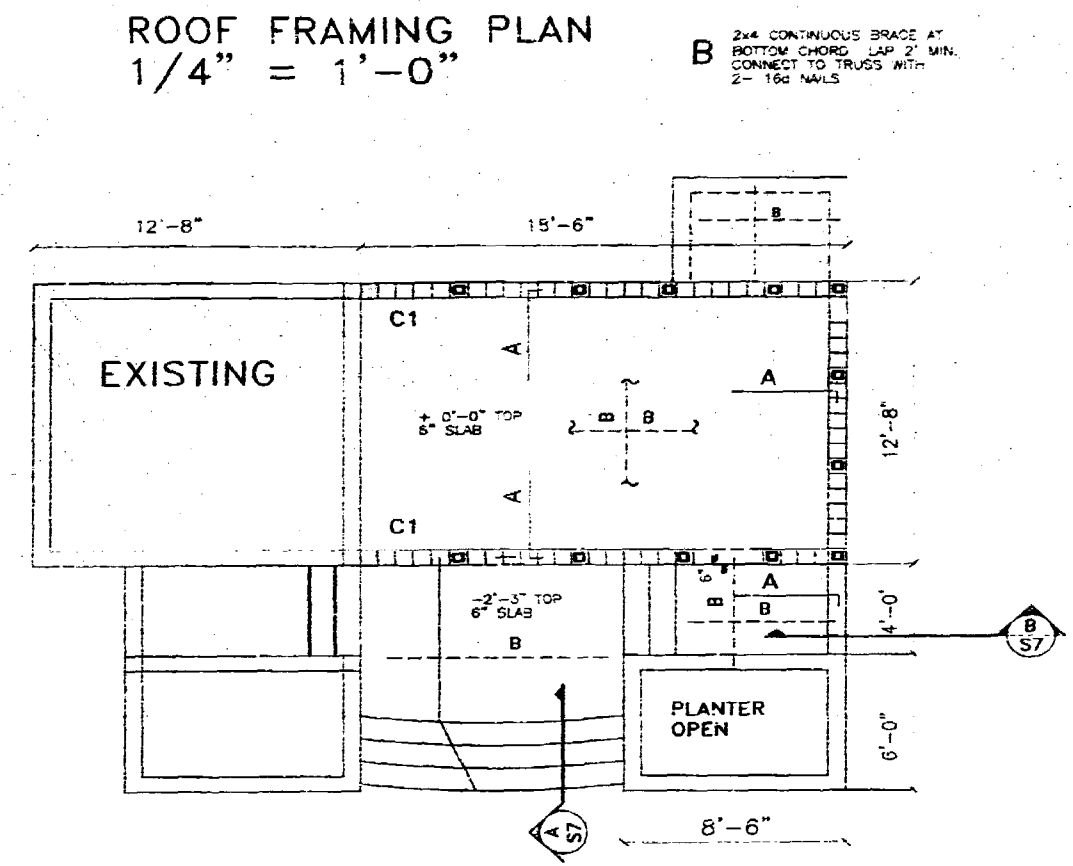
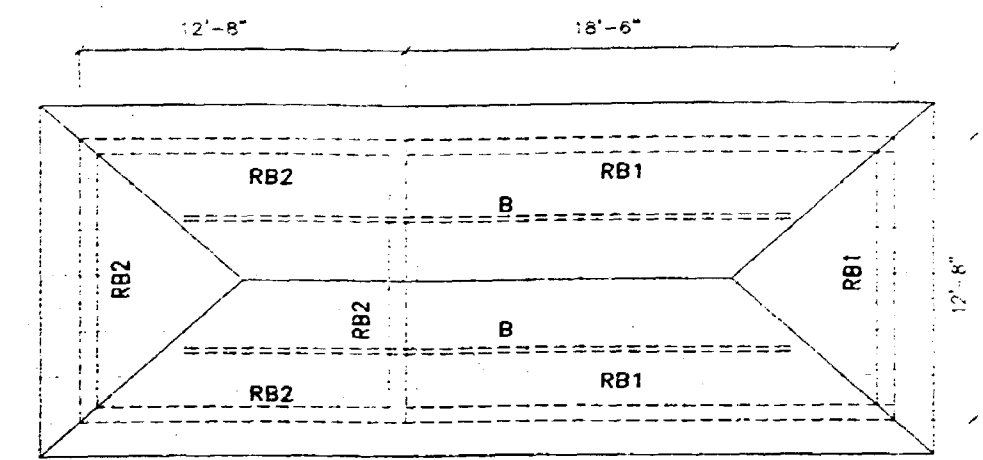
**CONCRETE BEAM SCHEDULE**

| MARK | SIZE<br>B" X H" | ELEV. | REINFORCING STIRRUPS |                |
|------|-----------------|-------|----------------------|----------------|
|      |                 |       | BOT                  | TOP            |
| RB1  | 8 X 12          | 8'-2" | 2 # 5                | 2 # 5 # 3 @ 48 |
| RB2  | 8 X 12          | 8'-2" | EXISTING BEAM        |                |



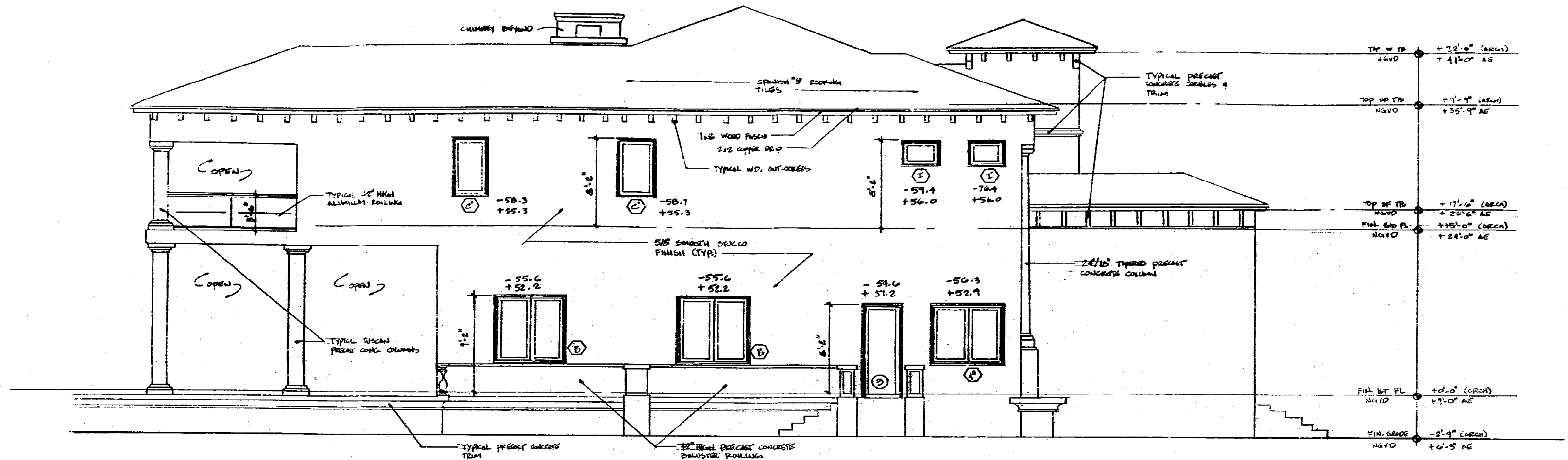
**SLAB REINFORCING SCHEDULE**

| MARK | SIZE, SPACING, LENGTH | LOCATION |
|------|-----------------------|----------|
| A    | # 4 @ 16" X 4'        | TOP      |
| B    | # 4 @ 12" CONT        | BOT      |



**CONCRETE MASONRY WALL NOTES**

ALL MASONRY WALLS CONSIST OF 8" CMU WITH GROUT FILLED CELLS AT 48" & 1" # 5 FIVE 1500 PSI PROVIDE # 8 (9 GAUGE) LADDER TYPE HORIZ. REINF. AT 16" O.C. TYP. FILL REINFORCED CELLS WITH GROUT HAVING WITH MIN 10" SLUMP. STRENGTH F'c = 2500 PSI. COMPLYING WITH ASTM C476. MAXIMUM LIFT UNBRACED 4'. MAXIMUM POUR HEIGHT 10'. POUR MASONRY CELLS PRIOR TO THE TIE BEAM CONCRETE POUR.



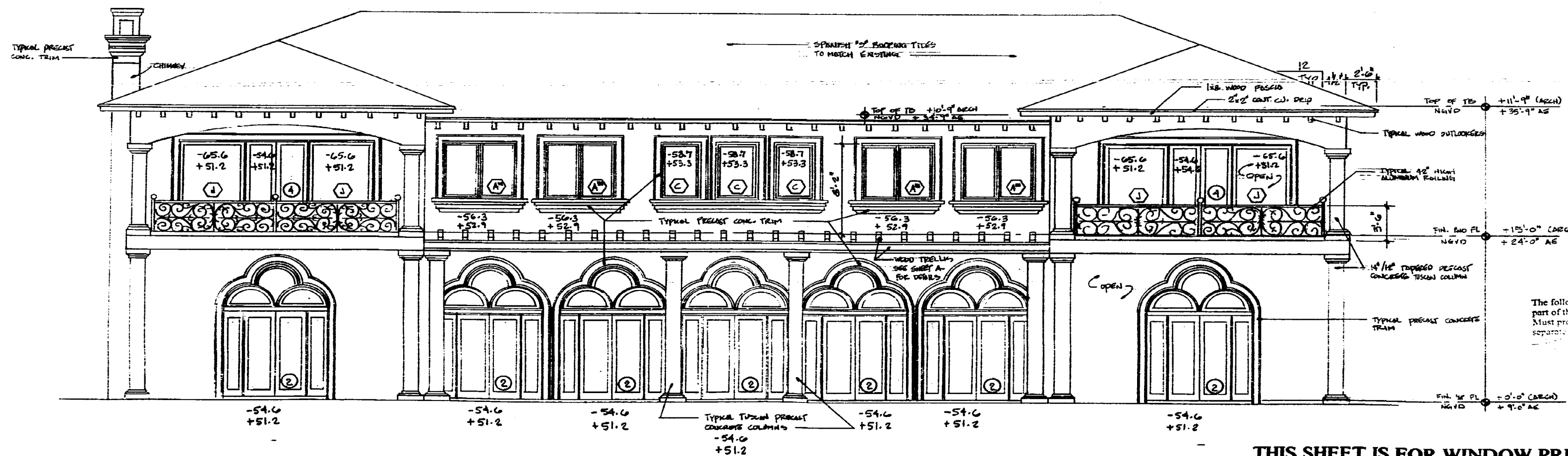
ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

LEFT SIDE ELEVATION

SCALE 1/4"=1'-0"

THIS SHEET IS FOR WINDOW PRESSURES ONLY

ALL WINDOW SILLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW



THIS SHEET IS FOR WINDOW PRESSURES ONLY

REAR ELEVATION

SCALE 1/4"=1'-0"



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CARLOS ENSENAT, PE 32566  
1214 SW 12 CT.  
MIAMI, FL 33135  
(305) 856-6345

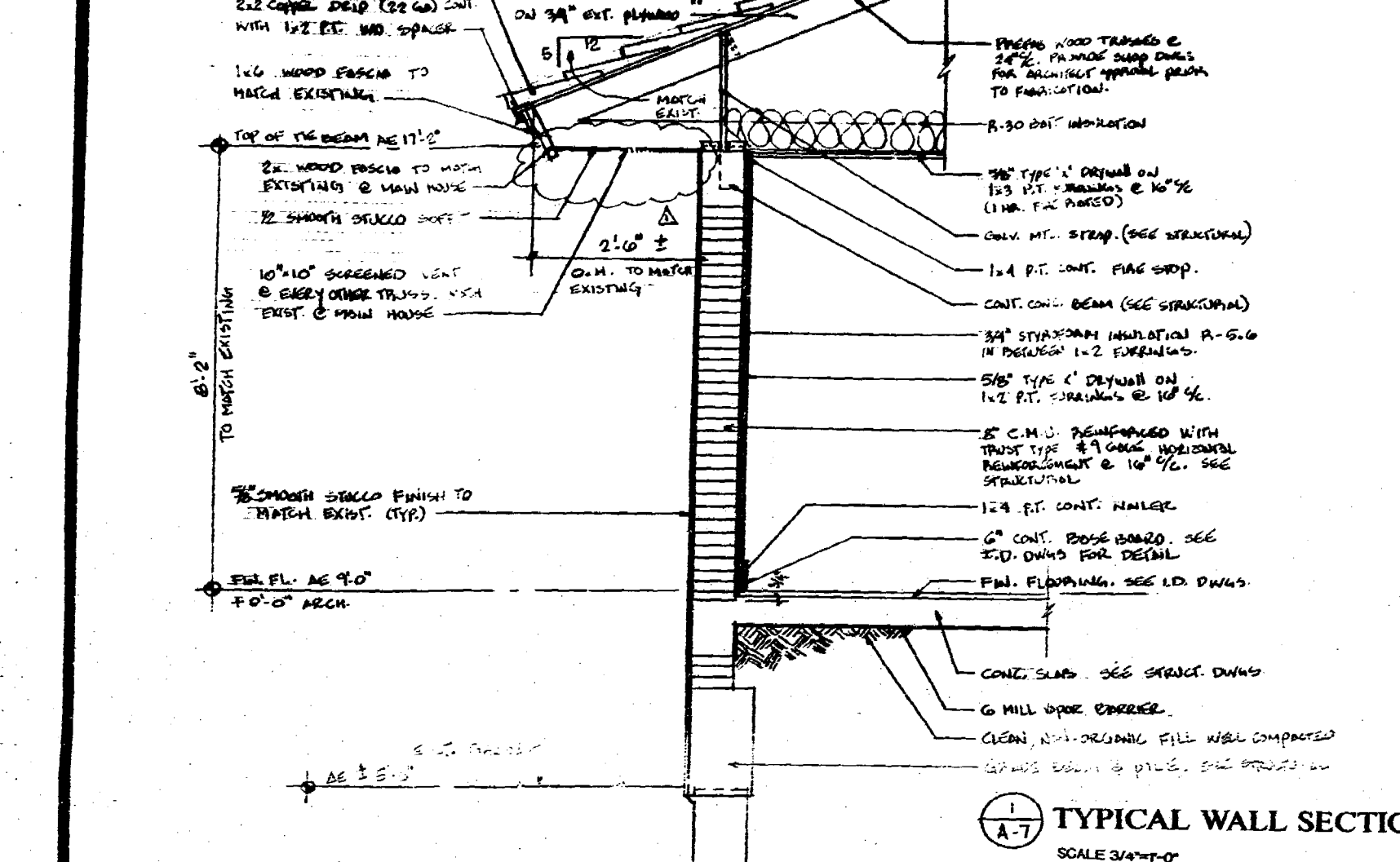
OFFICE COPY  
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:

|                 |  |
|-----------------|--|
| BUILDING        |  |
| CONING          |  |
| PLUMBING        |  |
| ELECTRICAL      |  |
| MECHANICAL      |  |
| FIRE PROTECTION |  |
| PUBLIC ADMIN.   |  |
| STRUCTURAL      |  |

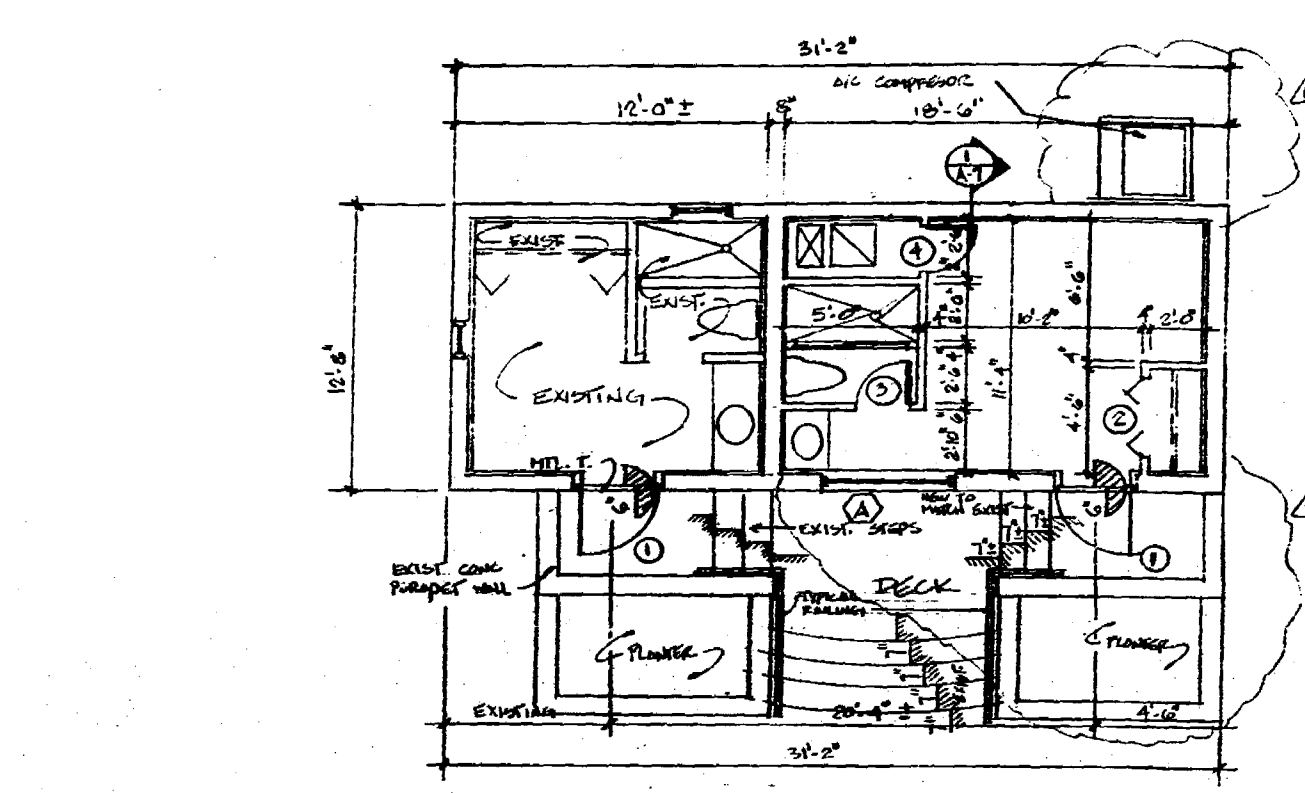
The following shop drawings are not part of this permit. Must provide shop drawings under separate permit.

- Shutters
- Skylights
- Steel Scaff.
- Structural Steel
- Trusses
- Windows
- Roofs

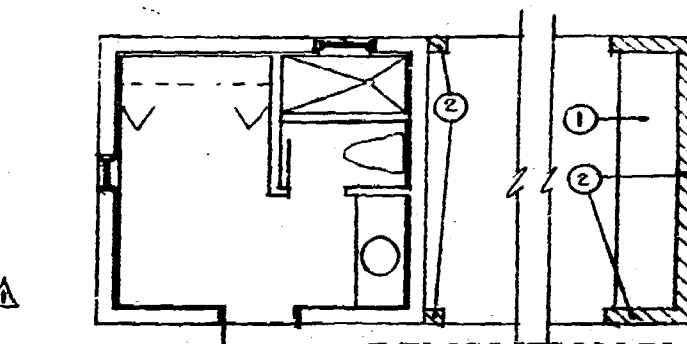




TYPICAL WALL SECTION  
SCALE 3/4\"/>



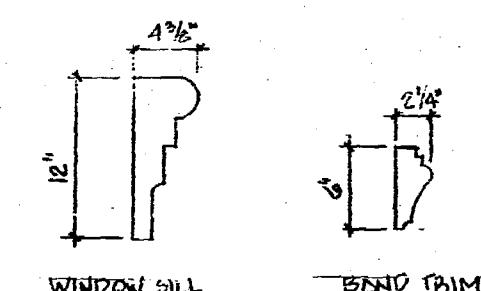
FLOOR PLAN  
SCALE 1/4\"/>



DEMOLITION PLAN  
SCALE 1/4\"/>

KEY NOTES  
1. REMOVE EXIST. CONC. COUNTER & BUILT-IN BENCH.  
2. REMOVE EXIST. BLOCK WALL TO MATCH EXIST. BY MATCHLINE.

FOR ELECTRICAL, MECHANICAL AND PLUMBING  
SIZES AND INFORMATION REFER TO ENGINEER'S  
DRAWINGS.



PRECAST TRIM PROFILES

The following shop drawings are not  
part of this permit.  
Must provide shop drawings under  
separate permit for:  
- Bar Joist  
- Exit Doors  
- Glass Block  
- Hand Rail  
- Membrane Structures  
- Over Head Doors  
- Pool  
- Precast Members  
- Shutters  
- Skylights  
- Steel Joist  
- Structural Steel  
- Trusses  
- Windows  
- Other

| WINDOW SCHEDULE |       |        |        |                |             |
|-----------------|-------|--------|--------|----------------|-------------|
| NO.             | WIDTH | HEIGHT | FINISH | DESCRIPTION    | REMARKS     |
| (A)             | 60"   | 48"    | -      | ALUM. CASSETTE | C&E 1/2\"/> |

NOTES  
1. ALL GLASS TO BE 1/2\"/>

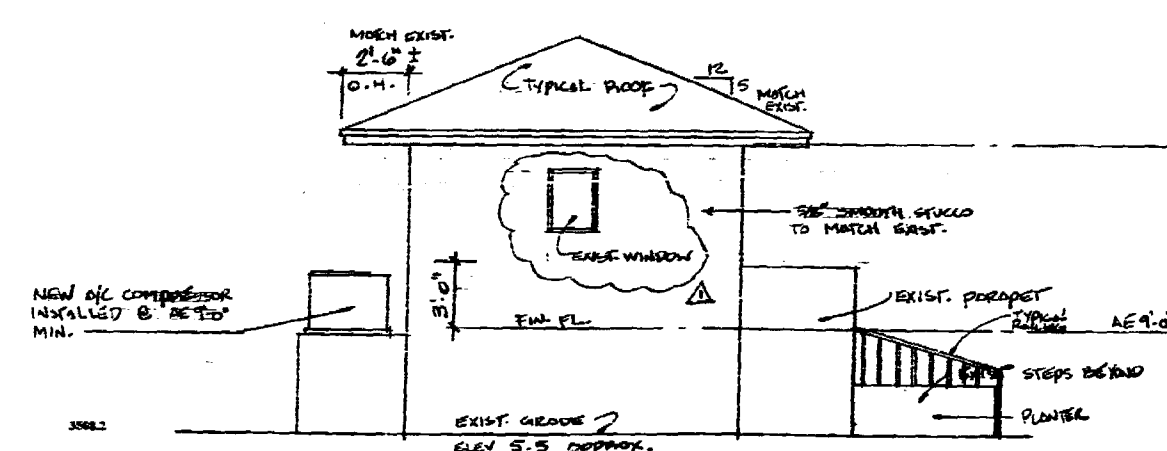
CITY OF MIAMI BEACH  
APPROVED FOR PERMIT  
DATE: 8/23/11  
BY: [Signature]

| DOOR SCHEDULE |       |        |        |                    |              |
|---------------|-------|--------|--------|--------------------|--------------|
| NO.           | WIDTH | HEIGHT | THICK  | MATERIAL & TYPE    | REMARKS      |
| (1)           | 36"   | 80"    | 1 3/4" | WOOD, FINISH GR. 1 | ALUM. IMPACT |
| (2)           | 48"   | 80"    | 1 3/4" | WOOD, FINISH GR. 1 | ALUM. IMPACT |
| (3)           | 24"   | 80"    | 1 3/4" | "                  | ALUM. IMPACT |
| (4)           | 24"   | 80"    | 1 3/4" | "                  | ALUM. IMPACT |

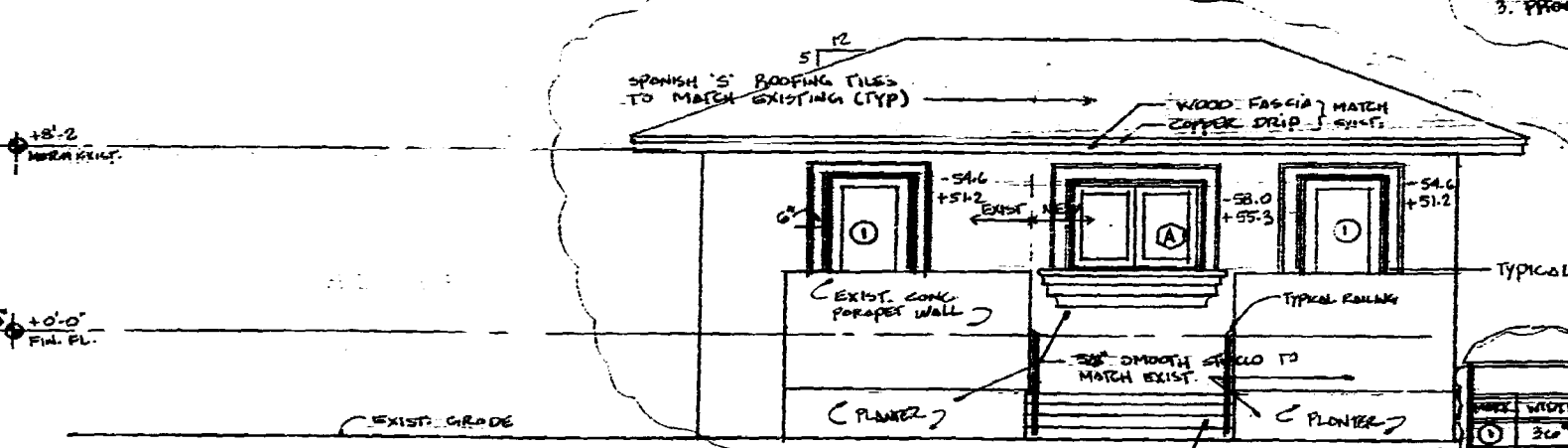
NOTES  
1. FINISHING, FULL WEATHER STRAPPING, DEADENED DOOR CASE, MET. THRESHOLD  
2. FINISHING, AIR TRIM, POSITIVE A/C RETURN  
3. FINISHING, SUBFLOOR 3/4\"/>

THIS SHEET IS FOR WINDOW PRESSURES ONLY

GENERAL NOTES  
\* GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY OMISSIONS OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS.  
\* EXHAUST FANS MUST BE EQUIPPED WITH DAMPERS.  
\* SMOKE DETECTORS MUST BE CONNECTED TO NEAREST NON-GLASS CLOSET.  
\* ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 3\"/>

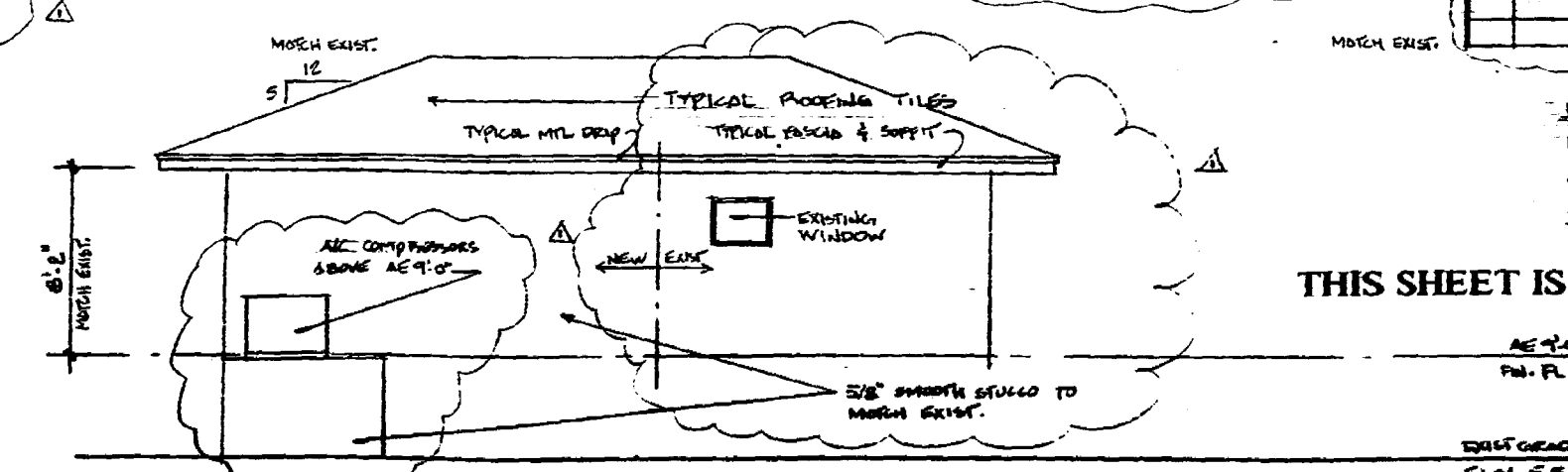


LEFT SIDE ELEVATION  
SCALE 1/4\"/>



FRONT ELEVATION  
SCALE 1/4\"/>

NEW WINDOWS TO HAVE  
1/2\"/>



REAR ELEVATION  
SCALE 1/4\"/>

THIS SHEET IS FOR WINDOW PRESSURES ONLY

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
214 SW 12 ST.  
MIAMI, FL 33135  
(305) 856-6345

### Flood Program Legend

Special Flood Hazard Area - Outside Special Flood Hazard Area

Special Flood Hazard Area - Outside Special Flood Hazard Area

## Residential

- Reconstruction and interior repairs or combination (Do to DAMAGE from any source. MUST ATTACH COPY OF CONSTRUCTION cost, owner affidavit and an elevation survey showing existing to new foot, lowest grade, highest crown of road elevation.

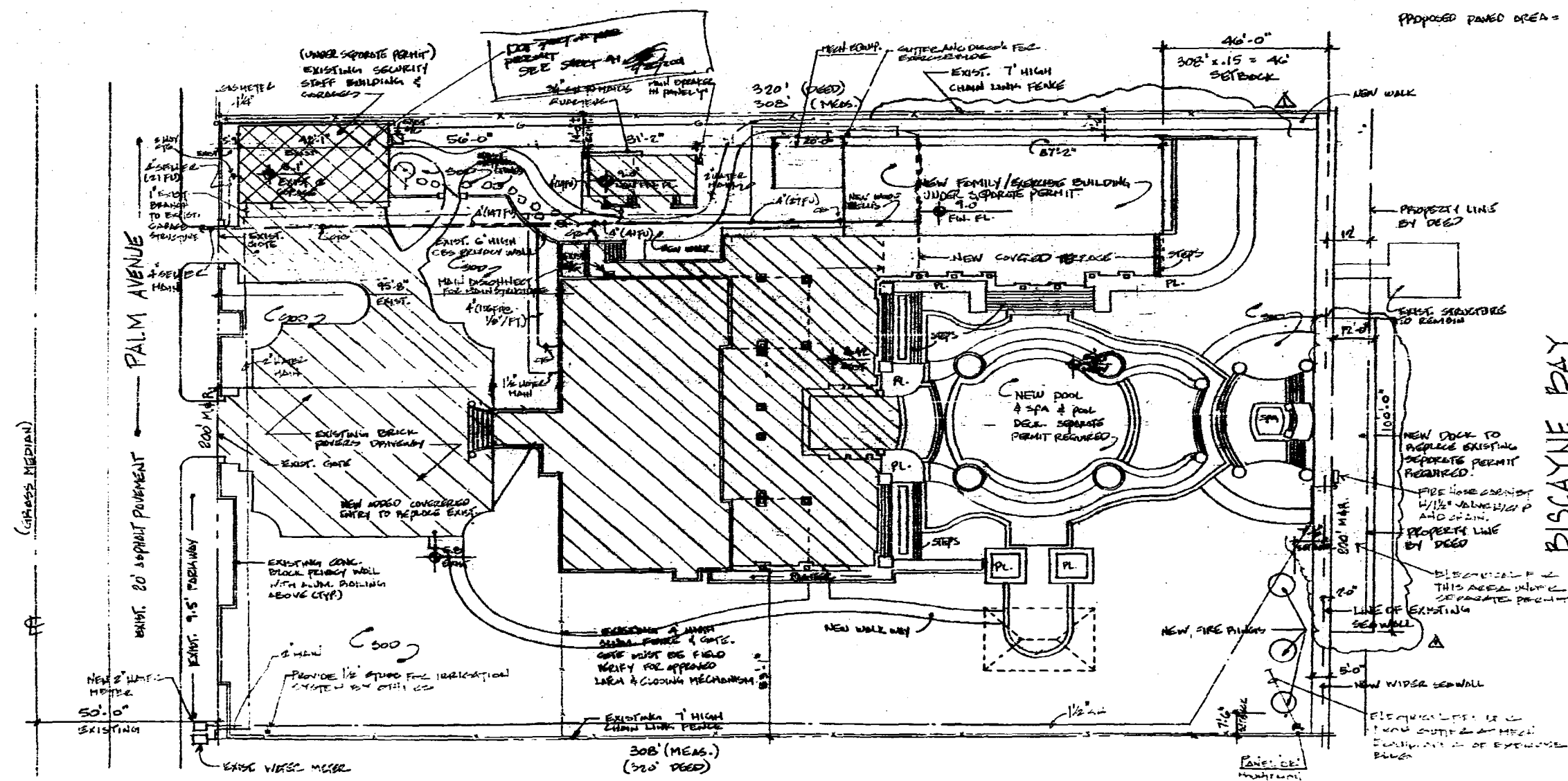
Process : \_\_\_\_\_ Folio : \_\_\_\_\_  
 Lot : 56437 Block 1 Plat Book 6 Page 54  
 Address : 94 Palm Avenue Highest Crown/Road Elev. : \_\_\_\_\_  
 Highest bottom of road elevation above was taken from a certified  
 survey prepared by \_\_\_\_\_ PLS list : \_\_\_\_\_

| Elevation | Lowest Floor | Garage/Storage | Adjacent Grade |
|-----------|--------------|----------------|----------------|
| Existing  | <u>2'-0"</u> | <u>5'-1"</u>   | <u>5'-0"</u>   |
| Proposed  | <u>9'-0"</u> | <u>N/A</u>     | <u>5'-0"</u>   |

REAR YARD PAVED CALCULATION:

$$461 \times 200 \times 30\% = 27660 \text{ SF. 2445000}$$

PROPOSED PAVED AREA = 1350 SF < 2760 SF



BISCAYNE BAY

LOCATED IN  
MIAMI BEACH, FLA.

LOCATION SKETCH  
SCALE 1" = 400'

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

|       | MAIN                           | AUXILIARY   |
|-------|--------------------------------|-------------|
| FRONT | 20'                            | NOT ALLOWED |
| REAR  | 15% LOT DEPTH<br>w/min. 20'-0" | 7'-6"       |
| SIDE  | 25% LOT AREA<br>w/min. 7'-6"   | 7'-6"       |


## SITE DATA

LOT SIZE = 64,000 SF  
LOT COVERAGE = (EnergyTrails UNDER 500%)

|                        |         |
|------------------------|---------|
| SECURITY BUILDING      | 1019 SF |
| MAJOR'S BUILDING       | 395 SF  |
| ENTERTAINMENT BUILDING | 2087 SF |
| MAIN HOUSE             | 1836 SF |
| COVERED AREAS          | 2102 SF |
| TOTAL                  | 9959 SF |

LEGAL DESCRIPTION

LOTS 36 AND 37 IN BLOCK 1, OF PALM ISLAND  
ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT  
BOOK 6 AT PAGE 54 OF THE PUBLIC RECORDS OF  
DADE COUNTY, FLORIDA.

 DENOTES EXISTING  
 FIN. FLOOR ELEVATION

BASE FLOOD ELEVATION 9' AE  
COMMUNITY PANEL SUFFIX 120651-0191-2  
DATE OF FIRM 3/2/94

# SITE PLAN

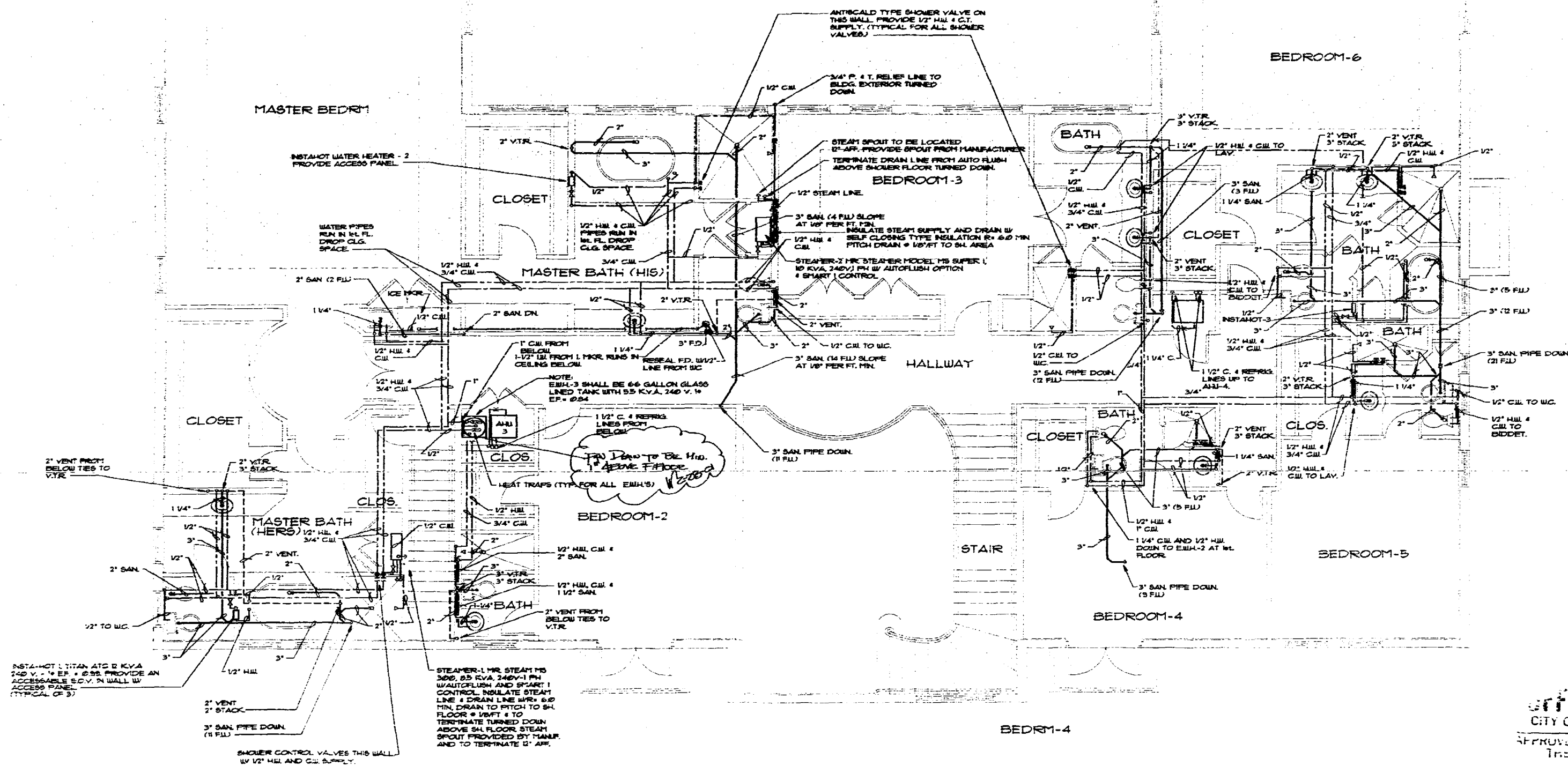
SCALE 1"=20'-0"

**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS PLANNERS**

**RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS**

**FLORIDA**

**94 PALM AVENUE**



SECOND FLOOR PLAN PLUMBING

1/4" = 1' - 0"

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CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING  
PLUMBING  
ELECTRICAL  
MECHANICAL  
FIRE PREVENTION  
ENGINEERING  
PUBLIC WORKS  
STRUCTURAL  
WATERWORKS

GUSTAVO SOLANO, P.E.  
mechanical / electrical  
consulting engineer  
fla. registration # : 34923  
7410 S.W. 48th ST. MIAMI, FL 33155  
tel. (305) 665-6151

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS

MIAMI BEACH,

FLORIDA.

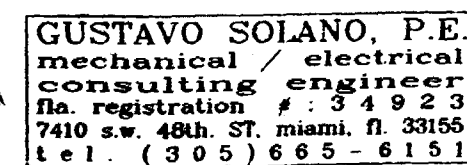
ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNERS

520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA 33131  
305 371-2802  
AA0000875

| date     | issued | drawn | checked | project no. |
|----------|--------|-------|---------|-------------|
| 01/28/01 |        | GH    | GH      | 2-99        |

SHEET  
P-2  
OF 2

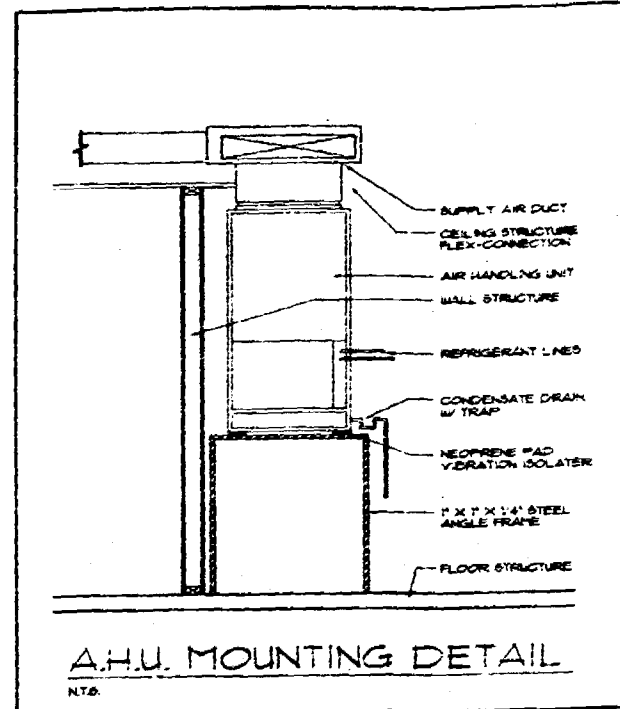
FLORIDA.



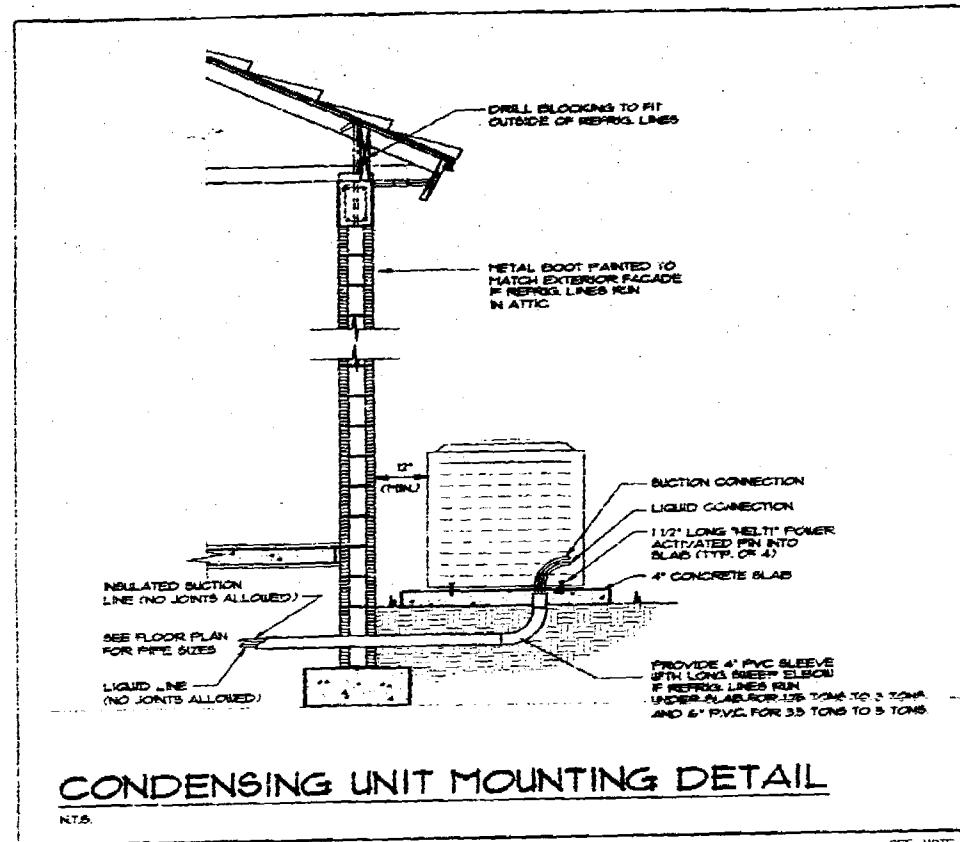
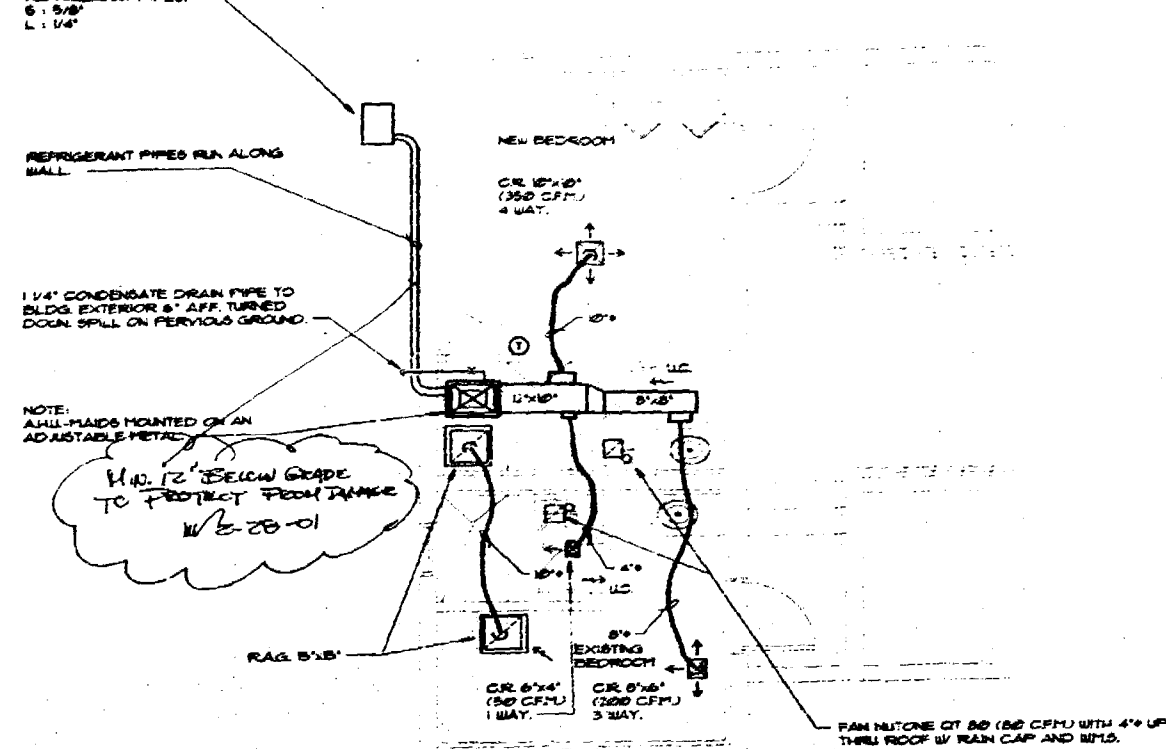








- ### H.V.A.C. GENERAL NOTES :
- USE VANE ELBOWS IN ALL CASES, SPLITTER DAMPERS WHERE INDICATED ON DRAWINGS AND CONTROLS IN ALL BRANCH DUCTS.
  - PROVIDE FIRE DAMPERS IN ALL DUCTS PENETRATING CEILINGS AND EXCEEDING 100 IN. SQ. IN 100 FT. SQ. IN ALL DUCTS PENETRATING FIRE RATED WALLS AND PARTITIONS AND FLOOR OR ROOF SLABS AND AT FRESH AIR INTAKES (SEE PLANS). ALL FIRE DAMPERS SHALL BE RATED FOR USE IN CEILING ASSEMBLY SPECIFIED BY ARCHITECT.
  - ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
  - SEAL ALL DUCTS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
  - COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES, AND REGISTERS IN THE FIELD, WITH ELECTRICAL, LIGHTS, AND ARCHITECTURAL ELEMENTS.
  - THIS CONTRACTOR SHALL COORDINATE ALL DUCT LOCATIONS WITH ALL TRADES SO THAT NO INTERFERENCES OCCUR.
  - THERMOSTAT LOCATIONS SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION.
  - COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES. THIS IS CONTRACTOR'S RESPONSIBILITY.
  - TERMINAL AIR DISTRIBUTION DEVICES SHALL BE TITUS AS FOLLOWS :  
(C.R.) CEILING REGISTER 200L SERIES WITH VOLUME CONTROL DAMPER OPERABLE THRU FACE OF DIFFUSER.  
(R.A.R.) RETURN AIR GRILL MODEL 4-FL OR TXR.
  - ALL SUPPLY AND RETURN DUCTWORK SHALL BE OWENS CORNING FIBERGLASS (1.5\"/>



### H.V.A.C. LEGEND :

|       |                                    |        |  |
|-------|------------------------------------|--------|--|
| TO    | TRANSFER GRILLE                    | ACCU   | AIR-COOLED CONDENSING UNIT               |
| DO    | DOOR GRILLE                        | SD     | SMOKE DETECTOR CLG. MTD.                 |
| CD    | CEILING SUPPLY DIFFUSER            | SD     | DUCT SMOKE DETECTOR                      |
| CR    | CEILING SUPPLY REGISTER            | OA     | OUTSIDE AIR                              |
| RAR   | RETURN AIR REGISTERS               | RA     | RETURN AIR                               |
| EA    | EXHAUST AIR REGISTERS              | SA     | SUPPLY AIR                               |
| EG    | EXHAUST AIR GRILLE                 | OW     | OUTSIDE AIR INTAKE                       |
| T     | THERMOSTAT                         | IR     | REFRIG. PIPING (INSUL. SUCTION & LIQUID) |
| T     | THERMOSTAT W/ REMOTE BULB SENSOR   | DT     | DUCTWORK TRANSITION                      |
| F.D.  | FIRE DAMPER W/ ACCESS DOOR         | VE     | VOLUME EXTRACTOR                         |
| OBVMD | OPPOSED BLADE MANUAL VOLUME DAMPER | SAF    | SUPPLY AIR FLOW                          |
| VO    | VOLUME DAMPER                      | RAF    | RETURN AIR FLOW                          |
| SD    | SPLITTER DAMPER                    | W.M.S. | WIRE MESH SCREEN                         |
| LC    | LIQUID-CUT (DOOR)                  | SR     | SIDEWALL REGISTER                        |
| AHU   | AIR HANDLING UNIT                  | ALD    | AUTOMATIC LOUVER DAMPER                  |

### AIR CONDITIONING SYSTEMS SCHEDULE

| AIR HANDLING UNIT |        |               |      |        |                     |                      | AIR COOLED COND. UNIT |        |                   |               | SYSTEM       |          |                 |            |
|-------------------|--------|---------------|------|--------|---------------------|----------------------|-----------------------|--------|-------------------|---------------|--------------|----------|-----------------|------------|
| UNIT NO.          | C.F.M. | E.S.P. IN H2O | H.P. | F.L.A. | ELECTRIC HEATING KW | MODEL                | COMPRESSOR COIL       | F.L.A. | TOTAL UNIT F.L.A. | MAX FUSE SIZE | MOD. NO.     | WT. LBS. | CAPACITY (MBTH) | ELEC. SEER |
| 1 THRU 3          | 2000   | 0.5           | 3/4  | 6.5    | 152                 | 2 x 7.6 P.V. AND 200 |                       | 21.6   | 39.5              | 50            | 38TXA 06-0-3 | 337      | 56.5            | 41.5       |
| 4                 | 2000   | 0.5           | 3/4  | 6.5    | 150                 | 2 x 5.0 P.V. AND 200 |                       | 21.6   | 39.5              | 50            | 38TXA 06-0-3 | 337      | 56.5            | 41.5       |
| MAIDS             | 600    | 0.5           | 1/4  | 1.4    | 4.6                 | 1 TBA/ 200 04-0      |                       | 7.0    | 11                | 20            | TTP 030 C300 | 201      | 16.2            | 13.0       |

#### NOTES:

- OUTSIDE AIR DESIGN CONDITIONS: 91 FDB - 79 FWS.
- PROVIDE HEATING AND COOLING THERMOSTAT ON SURFACE WITH FAN ON - OFF SWITCH.
- SIZE AND RUN REFRIGERANT PIPING AS PER MANUFACTURER'S RECOMMENDATION.
- PROVIDE VIBRATION ISOLATION WITH RUBBER IN SHEAR PADS.
- INSULATE REFRIGERANT SUCTION LINE WITH 3/4\"/>

#### UNIT DIMENSIONS

| UNIT     | A.H.U. (LxWxH) (in.) | A.C.C.U. (LxWxH) (in.) |
|----------|----------------------|------------------------|
| 1 THRU 4 | 25"x22"x39"          | 39"x20"x40"            |
| MAIDS    | 33"x23"x25"          | 27"x14"x9"             |

FIRST FLOOR PLAN AIR CONDITIONING MAIDS QUARTERS

ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNER  
(305) 371-2833  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
AAC000875

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA

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CITY OF MIAMI BEACH

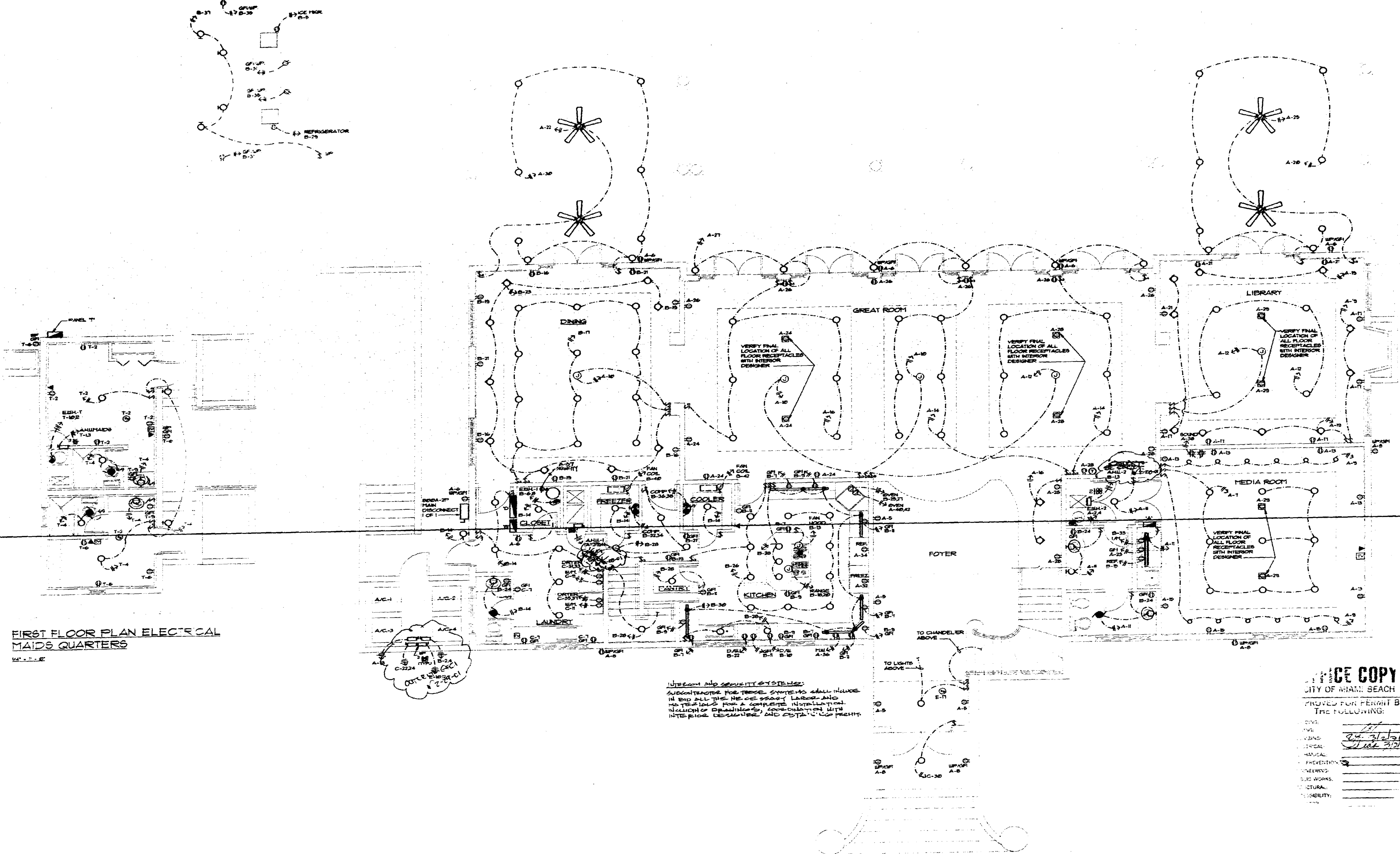
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING  
ENGINEERING  
ELECTRICAL  
MECHANICAL  
FIRE PREVENTION  
ENGINEERING  
PUBLIC WORKS  
STRUCTURAL  
ACCESSIBILITY

revisions  
date  
issued  
drawn  
checked  
project no.

GUSTAVO SOLANO, P.E.  
mechanical / electrical  
consulting engineer  
fla. registration # : 34923  
7410 S.W. 48th ST. MIAMI, FL 33155  
tel. (305) 665-6151

SHEET  
A/C-3  
OF 3



FIRST FLOOR PLAN ELECTRICAL  
MAIDS QUARTERS

UPPER AND LOWER SYSTEMS  
SUBCONTRACTOR FOR THESE SYSTEMS SHALL INCLUDE  
IN BID ALL THE NECESSARY LABOR AND  
MATERIALS FOR A COMPLETE INSTALLATION.  
INCLUSION OF DRAPING, COORDINATION WITH  
INTERIOR DESIGNER AND COST TO BE PERMIT.

**TRUE COPY**  
CITY OF MIAMI BEACH  
PROVED FOR PERMIT BY:  
THE FOLLOWING:

|             |        |
|-------------|--------|
| DATE        | 2/2/01 |
| ISSUED      | 2/2/01 |
| DRAWN       | 2/2/01 |
| CHECKED     | 2/2/01 |
| PROJECT NO. | 3120   |

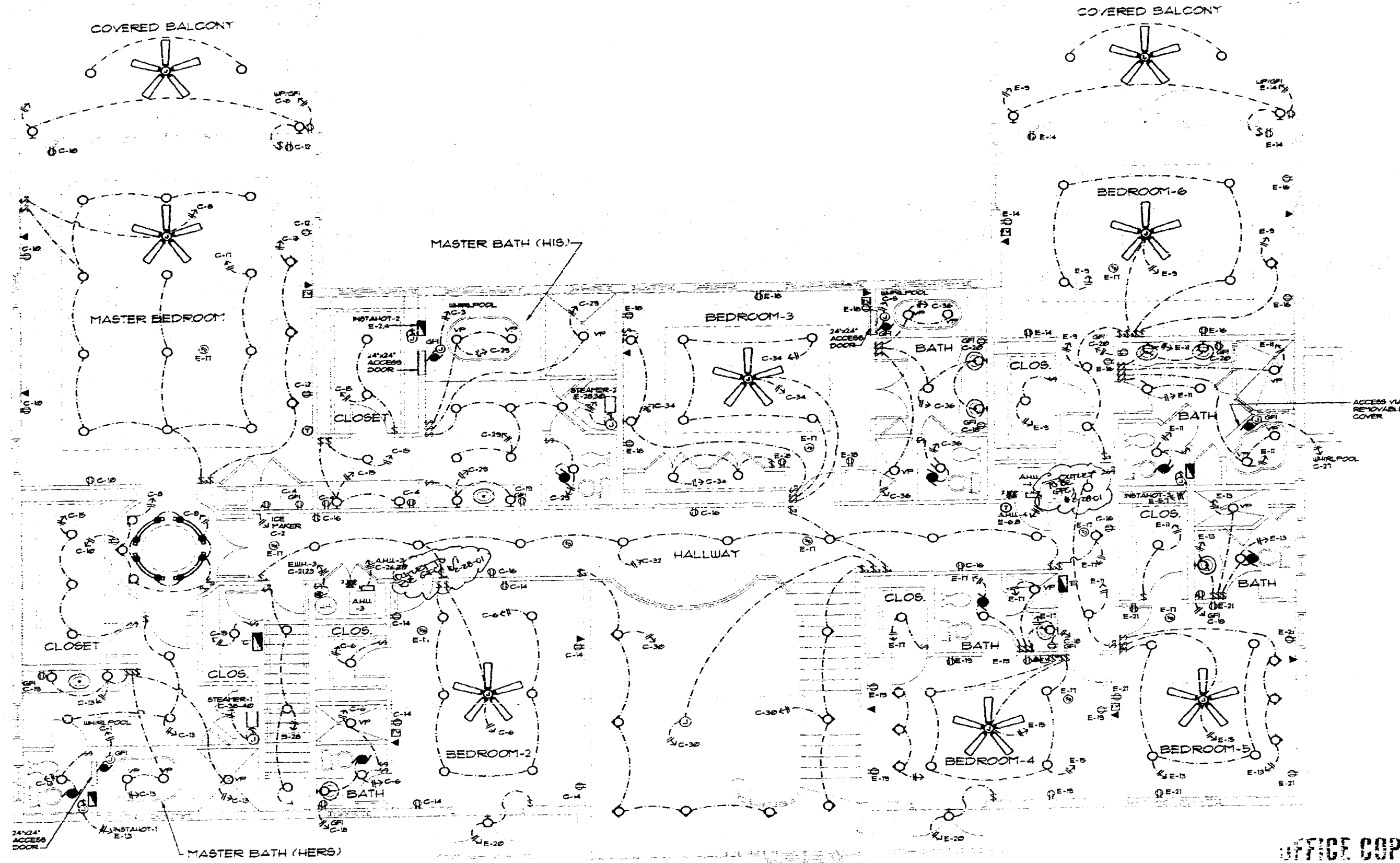
**GUSTAVO SOLANO, P.E.**  
mechanical / electrical  
consulting engineer  
fla. registration # : 34923  
7410 S.W. 48th ST. MIAMI, FL 33155  
tel. (305) 665-6151

RENOVATION FOR  
**DOMINION INDUSTRIAL HOLDINGS**  
MIAMI BEACH, FLORIDA.

ROBERT WADE AND ASSOCIATES, P.  
ARCHITECTS  
PLANNER  
520 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2883  
AAC000875

date: 2/2/01  
issued: 2/2/01  
drawn: 2/2/01  
checked: 2/2/01  
project no.: 3120

SHEET  
1  
OF 4



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

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

DATE: 01/25/00  
ISSUED: \_\_\_\_\_  
DRAWN: G.H.  
CHECKED: C.S.  
PROJECT NO.: P-99

GUSTAVO SOLANO, P.E.  
mechanical / electrical  
consulting engineer  
fla. registration # : 3 4 9 2 3  
7410 S.W. 48th ST. MIAMI, FL 33155  
tel. (305) 665-6151

ROBERT WADE AND ASSOCIATES, P.A.  
ARCHITECTS  
PLANNER  
620 BRICKELL KEY DRIVE, OFFICE PLAZA 201  
MIAMI, FLORIDA  
(305) 371-2851  
AAC000876

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA.

| REVISIONS | DATE | BY | DESCRIPTION |
|-----------|------|----|-------------|
|           |      |    |             |
|           |      |    |             |
|           |      |    |             |
|           |      |    |             |

SHEET  
E-2  
OF 4









D0101773 OFFICE.

**Miami Beach, Florida**

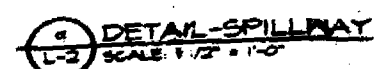
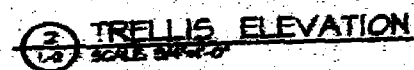
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U.S. GOVERNMENT PRINTING OFFICE: 1969

B0101773

94 Palm Av



**PERMIT #**

**00102245**

**27**



**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139  
Receipt of Payment

New/Additional/Remodel

Activity Number: 00002245  
Status: APPROVED

Date Applied: 02/27/2001  
Date Issued: 06/06/2001  
Date Completed: 11/28/2001

Entered By: BULLRICKS

Site Address: 94 PALM AV NWCH  
Parcel #: 4280000030

Balance Due: \$0.00  
Valuation: \$440,000.00

Applicant: RAFAEL AURELIO PELLERANO  
Owner: DOMINION INDUSTRIAL HOLDINGS LTD  
RYAN 11433 00000

Description: Construct 57,000 gph/yr water treatment (NO)

Payments made for this receipt:

| Type          | Method      | Description | Amount |
|---------------|-------------|-------------|--------|
| Payment Made  | Accepted By |             |        |
| Total Payment | Payee       |             |        |

Current Payment Made to the Following Item:

| Item Description   | Account Code | Tot Fee  | Paid     | Prev. Bal | Cur. Bal |
|--------------------|--------------|----------|----------|-----------|----------|
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |

**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139  
Receipt of Payment

New/Additional/Remodel

Activity Number: 00002245  
Status: APPROVED

Date Applied: 02/27/2001  
Date Issued: 06/06/2001  
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Description: Construct 57,000 gph/yr water treatment (NO)

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| Type          | Method      | Description | Amount |
|---------------|-------------|-------------|--------|
| Payment Made  | Accepted By |             |        |
| Total Payment | Payee       |             |        |

Current Payment Made to the Following Item:

| Item Description   | Account Code | Tot Fee  | Paid     | Prev. Bal | Cur. Bal |
|--------------------|--------------|----------|----------|-----------|----------|
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |

**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139  
Receipt of Payment

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Payments made for this receipt:

| Type          | Method      | Description | Amount |
|---------------|-------------|-------------|--------|
| Payment Made  | Accepted By |             |        |
| Total Payment | Payee       |             |        |

Current Payment Made to the Following Item:

| Item Description   | Account Code | Tot Fee  | Paid     | Prev. Bal | Cur. Bal |
|--------------------|--------------|----------|----------|-----------|----------|
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
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| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |
| 10 Building Permit | 011800031100 | 1,128.00 | 1,128.00 | 1,128.00  | 0.00     |

27

**SUBSURFACE EXPLORATION REPORT  
PROPOSED ADDITIONS  
94 PALM AVENUE, PALM ISLAND  
MIAMI BEACH, FLORIDA  
OCTOBER 21, 1998  
FILE NO.: 98-3752**



**Ardaman & Associates, Inc.**

**OFFICES**

Orlando, 8008 S. Orange Avenue, Orlando, Florida 32809, Phone (407) 855-3960  
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Fort Myers, 9970 Bavaria Road, Fort Myers, Florida 33913, Phone (813) 768-6600  
Miami, 2608 W. 84th Street, Hialeah, Florida 33016, Phone (305) 825-2603  
Port Charlotte, 740 Tamiami Trail, Unit 3, Port Charlotte, Florida 33954, Phone (813) 624-3393  
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Sarasota, 2500 Bee Ridge Road, Sarasota, Florida 34239, Phone (813) 922-3626  
Tallahassee, 3175 West Tharpe Street, Tallahassee, Florida 32303, Phone (850) 576-6131  
Tampa, 1406 Tech Boulevard, Tampa, Florida 33619, Phone (813) 620-3359  
West Palm Beach, 2511 Westgate Avenue, Suite 10, West Palm Beach, Florida 33409, Phone (561) 687-8200

**MEMBERSHIP**  
A.S.P.E.  
American Society of Professional Engineers  
American Society of Civil Engineers  
Florida Institute of Consulting Engineers



**Ardaman & Associates, Inc.**  
Geotechnical, Environmental and  
Materials Consultants

October 21, 1998  
File No.: 98-3752

Mr. Wilson Rodriguez  
Wilson Design & Development  
6300 SW 53rd Avenue  
Miami, Florida 33143

**SUBSURFACE EXPLORATION REPORT  
PROPOSED ADDITIONS  
94 PALM AVENUE, PALM ISLAND  
MIAMI BEACH, FLORIDA**

Ardaman & Associates, Inc. has completed the subsurface exploration and studies of the project site described in our proposal dated October 14, 1998. The work was requested and authorized by Mr. Wilson Rodriguez, Architect. We explored the general subsurface conditions in order to evaluate their suitability for the proposed additions to the existing residence and provide recommendations for foundation design and site preparation. Our work included Standard Penetration Test (SPT) borings and visual engineering classification of the sampled soils. This report describes our explorations and tests, reports their findings, and summarizes our conclusions and recommendations.

Based on our explorations and studies, we conclude that the proposed structure should be founded on pile type foundation. We do not recommend supporting the proposed construction on conventional spread foundations, due to the layer of silt encountered underlying this site.

The following sections of this report describe our explorations and explain our recommendations in greater detail. Our report has been prepared specifically for this project. It is intended for the exclusive use of Wilson Design & Development, their representatives and assigns. Our work has used methods and procedures consistent with local foundation engineering practices. No other warranty, expressed or implied, is made. We do not guarantee project performance in any respect, only that our work meets normal standards of professional care.

October 21, 1998  
File No.: 98-3752

**SITE SURFACE CONDITIONS**

The project site is located at 94 Palm Avenue, Palm Island, Florida. The site is presently occupied by existing residence. Vegetation observed on the site consists of grass. The existing drainage characteristic of the site is moderate.

**PROJECT DESCRIPTION**

A site plan for the proposed development was made available to us. We understand that the project will consist of additions to the existing residence. No data pertaining to the structural loadings were available to us.

**FIELD EXPLORATION**

To explore subsurface conditions at the site, two Standard Penetration Test (SPT) borings were performed at the locations shown on the Boring Location Plan in the Appendix. Please notice that due to access possibilities only two of the three planned borings were completed. The SPT borings were completed to a depth of 30 feet below grade. The work was performed in accordance with the procedures recommended in ASTM D-1586. A description of our drilling and testing procedures are included in the Appendix.

The boring locations were laid out at the approximate location shown in our boring location plan. We estimate that the actual boring locations are within about 10 feet of the locations shown. If you need to know the boring locations more accurately, we recommend that you retain a surveyor.

Our drillers examined the soil recovered from the SPT sampler and maintained a log for each boring. The soil samples were taken to our laboratory where they were visually classified by our engineer. The soil classifications and other pertinent data obtained from our explorations are reported on the boring logs in the Appendix.

The soil samples recovered from our explorations will be kept in our laboratory for 30 days, then discarded unless you request otherwise.

**27**

SUBSURFACE CONDITIONS

The boring logs in the Appendix present a detailed description of the soils encountered at the locations at the depths explored. The soil stratification shown on the boring logs is based on examination of recovered soil samples and interpretation of the driller's field logs. It indicates only the approximate boundaries between soil types. The actual transitions between adjacent soil strata may be gradual and indistinct.

As shown by the boring logs, the soils on the site at the locations and the depths explored consist generally of a surficial layer of fill of 4.5 feet thick followed by a layer of silt extending to 17.5 feet - 18 feet below grade. The silt overlies a layer of limestone extending to 27 feet below grade. Underlying the limestone was encountered a layer of sand that extends to the borings termination depth.

GROUNDWATER CONDITIONS

Our drillers observed groundwater in the boreholes at depths that ranged from 2.1 to 2.2 feet below the ground surface, as noted on the boring logs. Fluctuations in the groundwater level on this site should be anticipated throughout the year due to seasonal variations in rainfall, drainage, and other factors. We expect that groundwater conditions are controlled by the tidal fluctuations in the bay.

DISCUSSIONS AND RECOMMENDATIONS

GENERAL

Based on the findings of our site exploration, our evaluation of subsurface conditions, and judgment based on our experience with similar projects, we conclude that the soils underlying this site are not satisfactory to support the proposed construction on conventional spread foundations. In our opinion, pile type foundations should be used to support the proposed building. Piles may either be precast concrete type or augered cast-in-place type. Our estimated pile capacities are presented below.

TABLE 1  
DRIVEN PRECAST CONCRETE PILES  
Capacity in tons: Tension (T), Compression (C)

| DEPTH | PILE DIMENSION (inch) |                |
|-------|-----------------------|----------------|
|       | 12 X 12               | 14 X 14        |
| 25    | 3 (T) 22 (C)          | 3.5 (T) 28 (C) |

TABLE 2  
CAST-IN-PLACE CONCRETE PILES  
Capacity in tons: Tension (T), Compression (C)

| DEPTH | PILE DIAMETER (inches) |               |
|-------|------------------------|---------------|
|       | 12                     | 14            |
| 27    | 16 (T) 28 (C)          | 21 (T) 35 (C) |

Please note that the compression capacity of the piles takes into account the surface frictional resistance and tip bearing. On the other hand, the tension capacity of the piles is based solely upon the surface frictional resistance. Our recommended minimum pile dimension is 12 inches. Pile dimensions smaller than 12 inches may undergo long column action and may ultimately fail in buckling. Pile length longer than our recommended length may be necessary to achieve our estimated capacity. This is due to the fact that soils encountered at boring locations may differ from the soils at pile locations. We recommend that several test piles be driven before establishing the pile length. If driven piles are used in the project, the nearby residences should be monitored to avoid damage from vibrations.

In the auger cast piles alternative we recommend that the concrete grout used to form the piles attain a compressive strength of at least 4000 psi in 28 days or less. The auger may be retrieved slowly to the ground surface as the grout is being pumped. The amount of concrete grout used to form each pile should be larger than the theoretical pile volume. At least this calculated volume of pile is to be pumped per foot of pile as the auger is retrieved in one foot intervals. If grout pumping and/or auger retrieval operations are stopped at any time during the formation of a given pile, the borehole is to be reaugered

and the pile formed anew. Piles shall not be installed within 4 pile diameters, or 5 feet center to center, of a pile constructed within the previous 24 hours. If the concrete level in any completed pile drops, the pile shall be rejected and replaced. If there is difficulty in placing the reinforcement steel in any pile, the pile shall be redrilled and replaced. All reinforcement steel should be fitted with a spacer at its lower tip to allow easier installation into the piles and assure its centering. Any modification to these procedures is to be approved by the Geotechnical Engineer based on observations during pile installation.

Pile capacities greater than our recommended capacities may be established by performing pile load tests on test piles as specified in Section 2405 of the South Florida Building Code.

We recommend that Ardeman & Associates, Inc. be retained to observe and monitor the placement of the piles. Each pile should be placed to the depth recommended. Pile installation should be performed in compliance with Section 2405 of the South Florida Building Code. Care must be exercised during pile placement to assure that existing structures in the proximity of the site are not harmed.

Please note that our recommendations are based on the site being made accessible to the piling equipment.

CLOSURE

This report has been prepared in accordance with generally accepted local foundation engineering practice. The recommendations submitted herein are based on the data obtained from the soil borings presented in the Appendix and the assumed loading conditions previously described. This report may not account for all the possible variations that may exist between conditions observed in the borings and conditions at locations that were not explored. The nature and extent of any such variations may not become evident until construction is underway. If variations are than observed, we recommend that Ardeman & Associates, Inc. be requested to inspect the actual site conditions and, if necessary, re-evaluate the recommendations of this report.

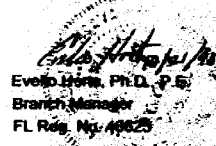
October 21, 1998  
File No.: 98-3752

In the event any changes occur in the design, nature or location of any project facilities, Ardaman & Associates, Inc. should be requested to review the conclusions and recommendations in this report. We also recommend that we be requested to review the final foundation drawings and earthwork specifications so that our recommendations may be properly interpreted and implemented in the contract documents.

It has been a pleasure to assist you on this phase of your project. Please contact us whenever we may be of service to you, and please call if you have any questions concerning this report.

ARDAMAN & ASSOCIATES, INC.

  
Barbara Horis  
Staff Engineer

  
Evelyn Horis, P.E.  
Branch Manager  
FL Reg. No. 49825

#### APPENDIX


##### STANDARD PENETRATION TEST BORING LOGS

Our borings describe subsurface conditions only at the locations drilled and at the time drilled. They provide no information about subsurface conditions below the bottom of the boreholes. At locations not explored, surface conditions that differ from those observed in the borings may exist and should be anticipated.

The information reported on our boring logs is based on our driller's logs and on visual examination in our laboratory of disturbed soil samples recovered from the borings. The distinction shown on the logs between soil types is approximate only. The actual transition from one soil to another may be gradual and indistinct.

The groundwater depth shown on our boring logs is the water level the driller observed in the borehole when it was drilled. These water levels may have been influenced by the drilling procedures, especially in borings made by rotary drilling with bentonitic drilling mud. An accurate determination of groundwater level requires long-term observation of suitable monitoring wells. Fluctuations in groundwater levels throughout the year should be anticipated.

The absence of a groundwater level on certain logs indicates that no groundwater data is available. It does not mean that no groundwater will be encountered at that boring location.

 Ardaman & Associates, Inc.

##### STANDARD PENETRATION TEST BORINGS

The Standard Penetration Test is a widely accepted method of testing foundation soils in place. The N-Value obtained from the test has been correlated empirically with various soil properties. These empirical correlations allow satisfactory estimates to be made of how the soil is likely to behave when subjected to foundation loads. Tests are usually performed in the boreholes at intervals of five feet. In addition, our firm performs tests continuously in the interval directly below the expected foundation bearing grade where the soil will be most highly stressed.

Boreholes where Standard Penetration Tests will be performed are drilled with a truck-mounted CME 45A drill rig. The boreholes are advanced by rotary drilling with a winged bit that makes a hole about three inches in diameter. A bentonitic drilling mud is recirculated in order to remove the cuttings and support the walls of the borehole. The drag bit is specially modified to direct the mud upward and reduce disturbance of the soil ahead of the bit.

Occasionally, running or squeezing ground is encountered that cannot be stabilized by the drilling mud alone. In such cases, flush-coupled steel casing with an outside diameter of about 3.5 inches is driven as a liner for the borehole.

After the borehole has been advanced to the depth where a Standard Penetration Test will be performed, the soil sampler used to run the test is attached to the end of the drill rods and lowered to the bottom of the borehole. The testing procedure used conforms closely to the methods recommended in ASTM D-1586. The sampler used has a split-barrel 24 inches long and an outside diameter of 2.0 inches. It is driven into the ground below the bottom of the borehole using a hammer that weighs 140 pounds and falls 30 inches. The driller records the number of hammer blows needed to advance the sampler in successive increments of six inches. The total number of blows required to advance the sampler the second and third six-inch increments constitutes the test result; that is, the N-value at the depth. The test is completed after the sampler has been driven not more than 24 inches or when refusal is encountered, whichever occurs first. Refusal occurs when 50 hammer blows advance the sampler six inches or less. After the test is completed, the sampler is removed from the borehole and opened.

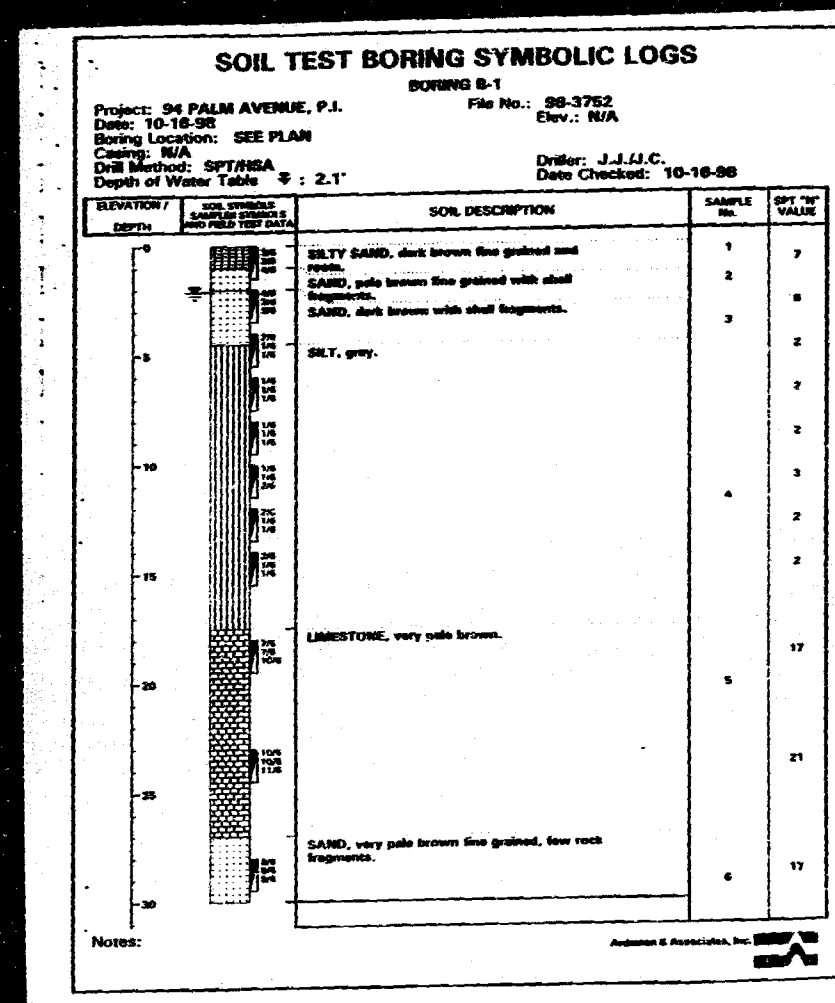
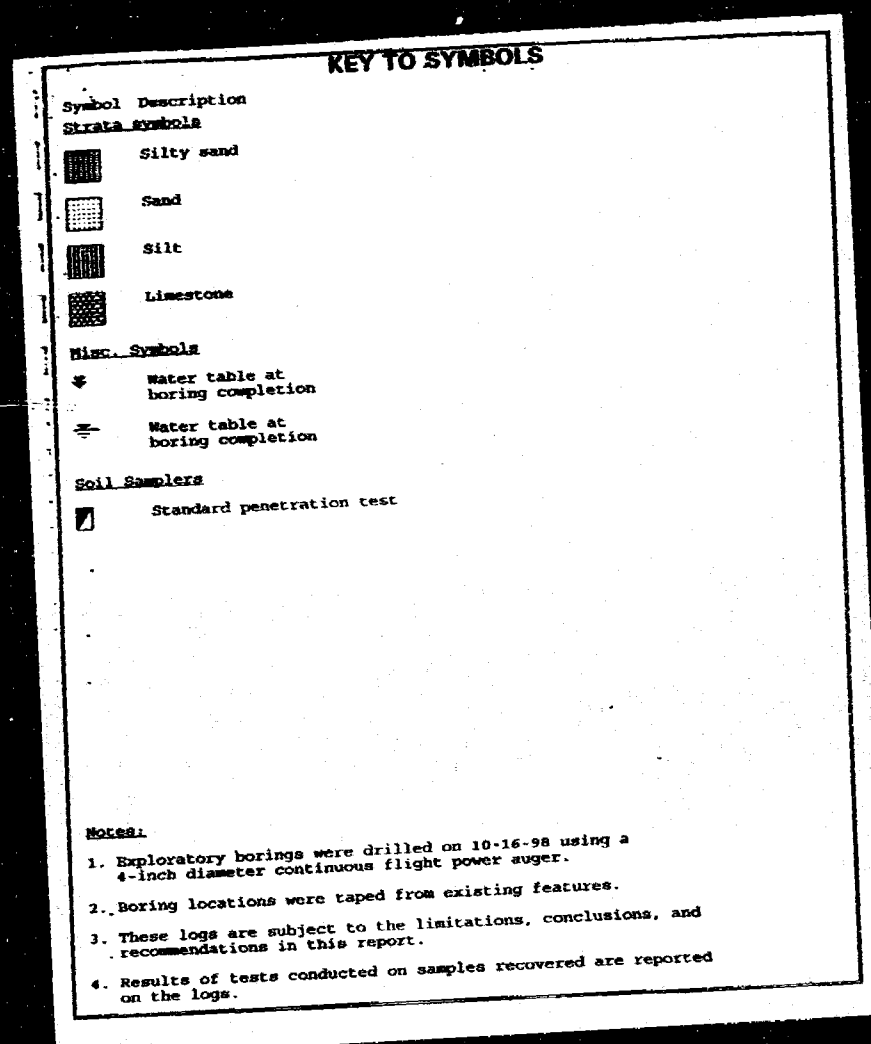
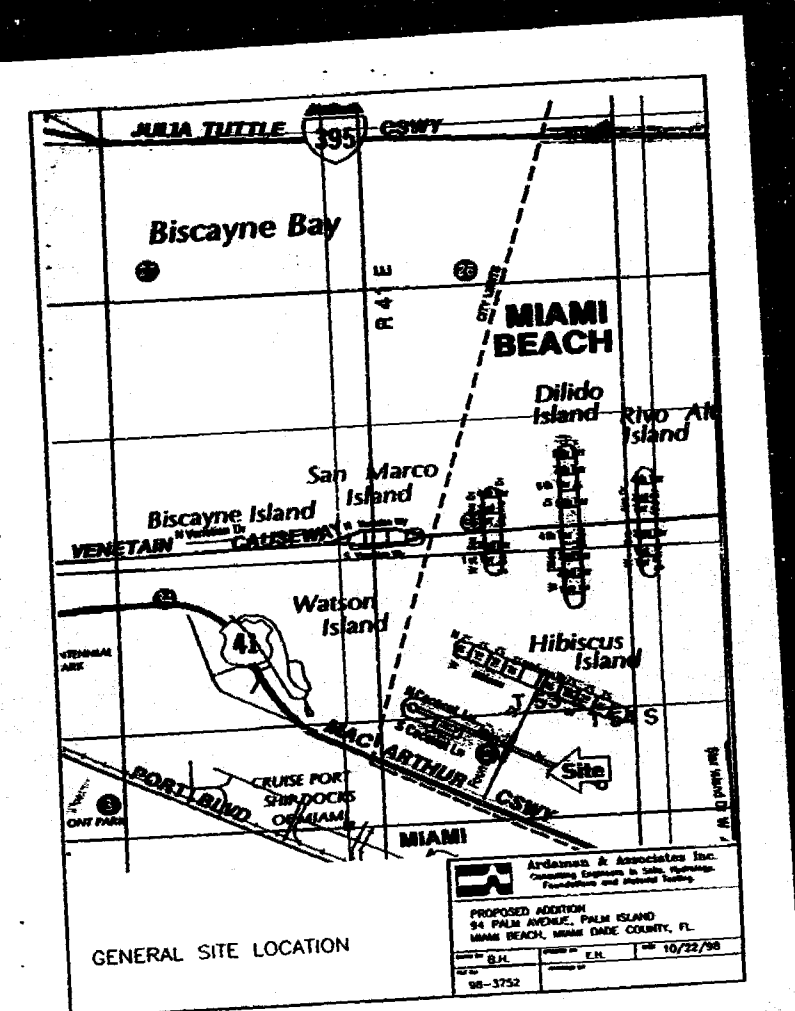
The driller examines and classifies the soil recovered by the sampler. He places representative soil specimens from each test in closed glass jars and takes them to our laboratory. In the laboratory, additional evaluations and tests are performed, if needed. The driller's classifications may be adjusted, if necessary, to conform more closely with the Unified Soil Classification System, ASTM D-2487. Jar samples are retained in our laboratory for sixty days, then discarded unless our clients request otherwise.

After completion of a test boring, the water level in the borehole is recorded.

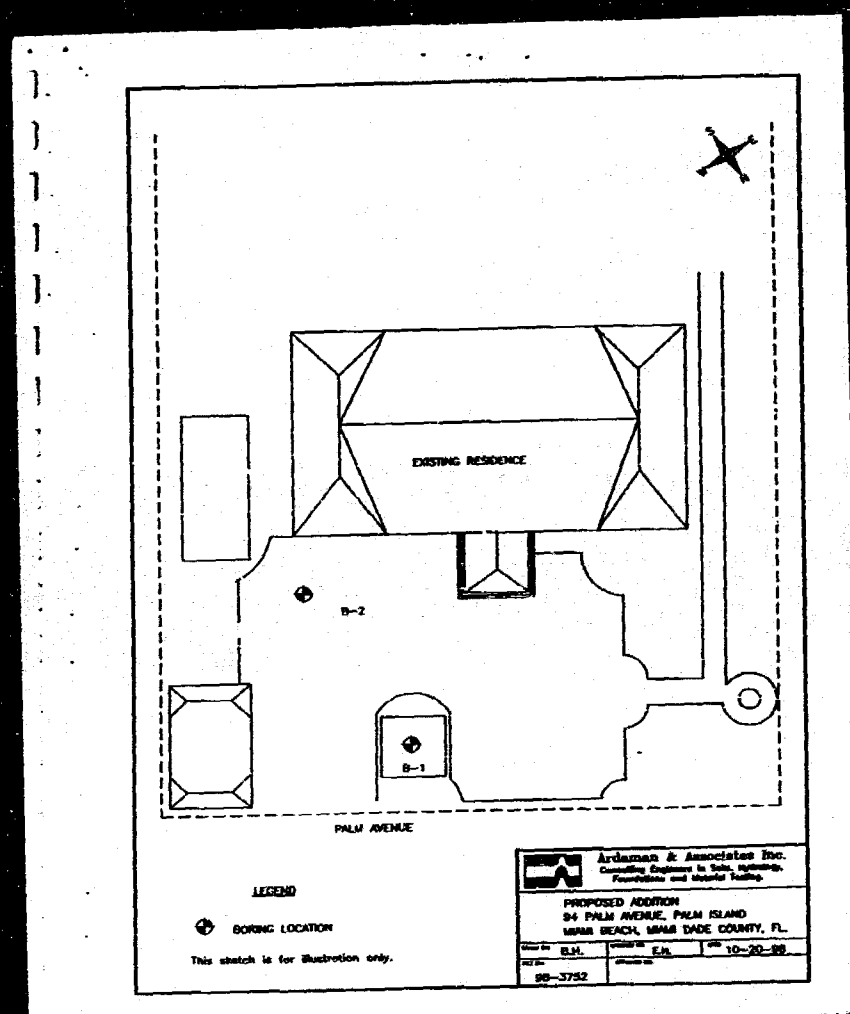
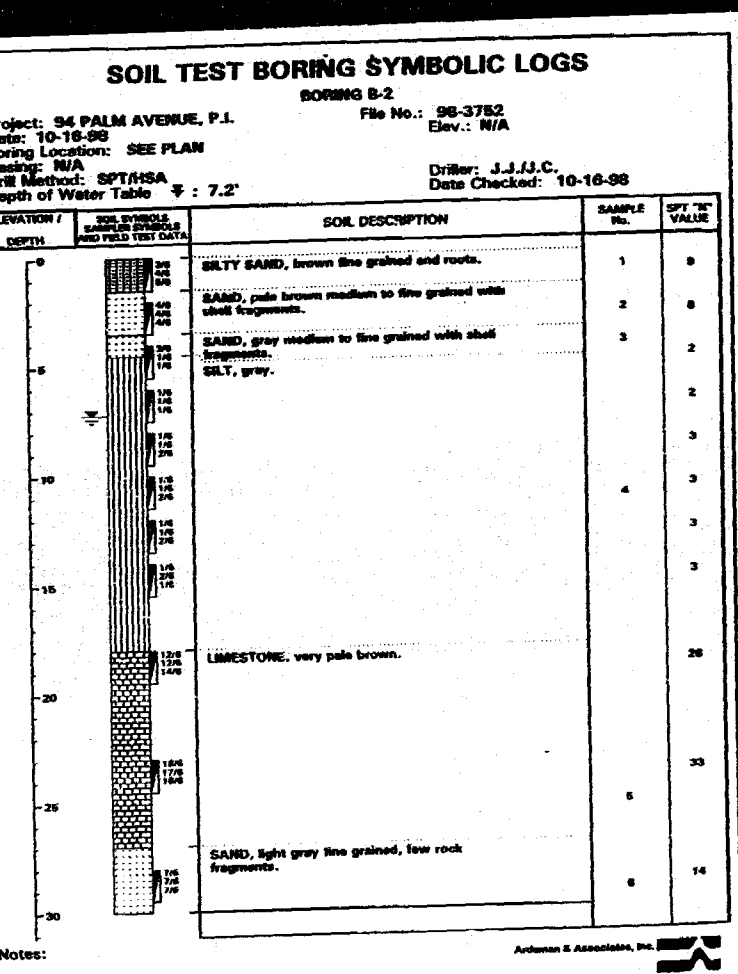
 Ardaman & Associates, Inc.

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FEB. 13, 1961  
DAB



No ~~External~~ Work  
All INTERIOR  
Full Public Works  
Permit for Heavy Equipment  
on CRB's R/W

Submitted to Housing &  
Public works Depts  
Approved:  
12/25/55

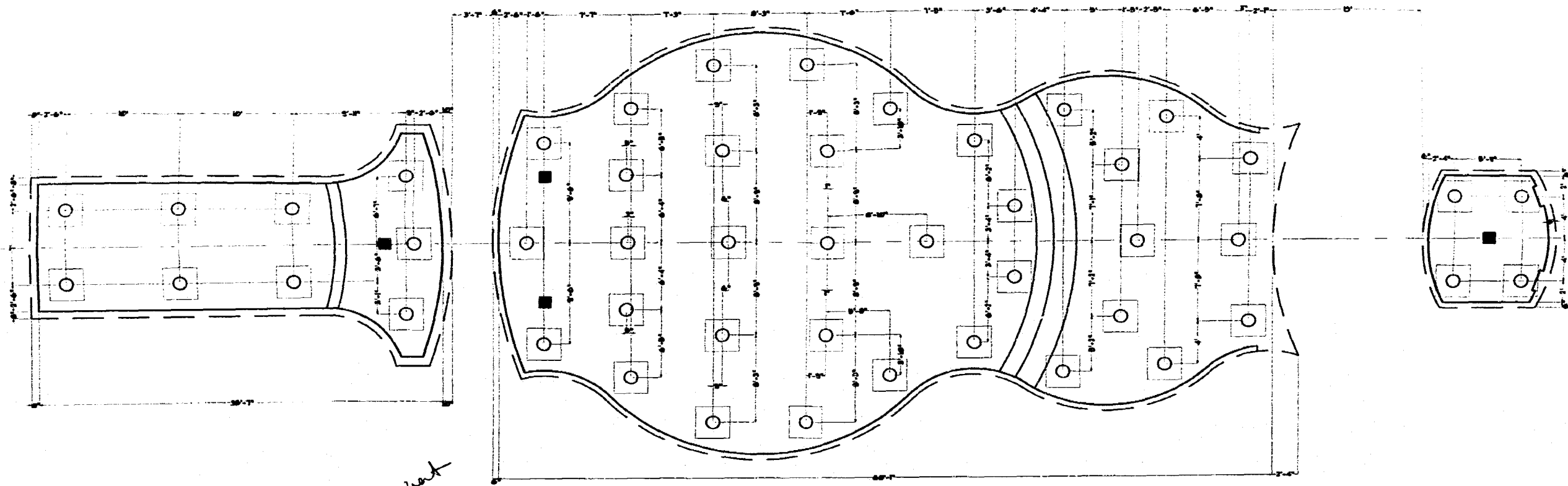
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DEPARTMENT OF JUSTICE  
OFFICE OF INSPECTOR GENERAL

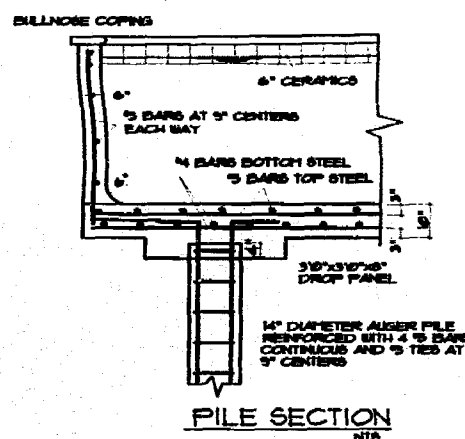
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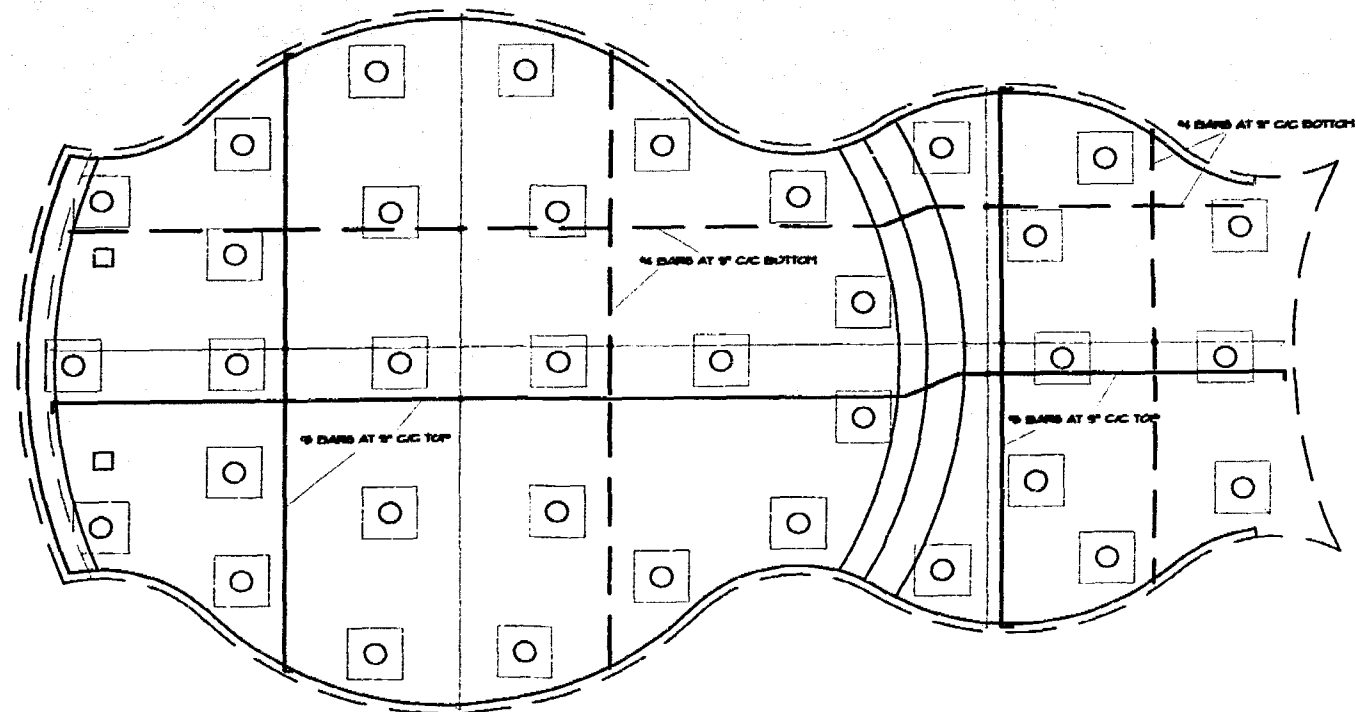
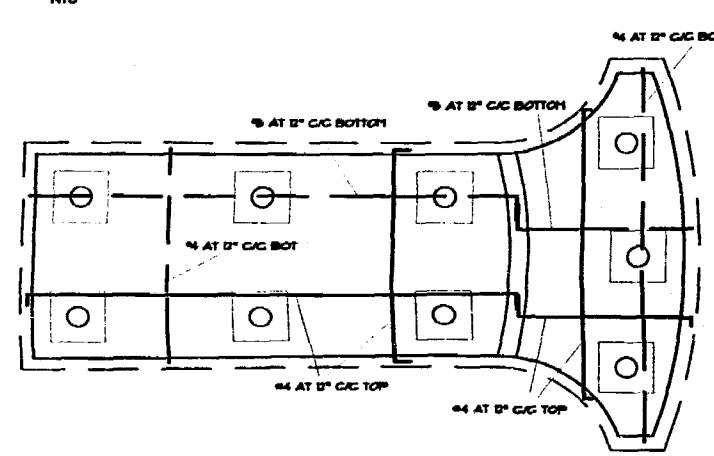
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PILING LAYOUT PLAN  
3/16" x 1/8"

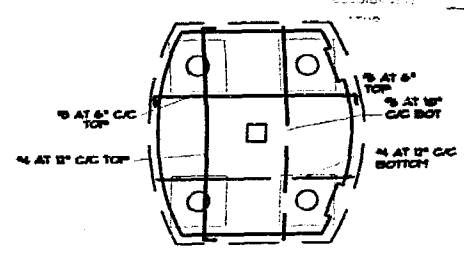


STRUCTURAL NOTES:  
1. ALL PILES SHALL BE 14" DIAMETER AUGER PILES OF SUFFICIENT DEPTH TO PROVIDE A MINIMUM BEARING CAPACITY OF 25 TONS EACH.  
2. ALL PILE CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.  
3. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.  
4. ALL PILES SHALL EXPOSE A MINIMUM OF 4" INTO PILE CAPS.  
5. ALL PILE REINFORCING STEEL SHALL BE CONNECTED TO BOTTOM FLOOR REINFORCING WITH MINIMUM 18" LAPS AND APPROVED CONNECTORS.



SLAB REINFORCEMENT PLAN  
3/16" x 1/8"

**TRUE COPY**  
CITY OF MIAMI BEACH  
PROVED FOR PERMIT BY  
THE FOLLOWING:  
ENGINEER: *[Signature]*  
ARCHITECT: *[Signature]*  
ELECTRICAL: *[Signature]*  
MECHANICAL: *[Signature]*  
HAZARDOUS WASTE: *[Signature]*  
TRAIL WORK: *[Signature]*  
CITY ENGINEER: *[Signature]*



48 hrs. Prior to Excavating  
Contractor shall call for  
Location of Underground  
Utilities.

Sunshine One-Call  
City of Miami Beach  
1-800-432-4770  
305-673-7080

KENNETH R. REIFER, P.E.  
3830 S.W. 17th Avenue  
Miami, Florida 33155  
(305) 711-0885

RESIDENTIAL POOL FOR  
PALM ISLAND RESIDENCE  
34 PALM  
MIAMI BEACH, FLORIDA

SEAL  
*[Signature]*  
K. R. REIFER, P.E.  
DATE: FEB. 15, 2001

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REVISIONS

NUMBER DATE

KENNETH R. PEIFFER, P.E.  
3000 S.W. 17th Avenue  
Miami, Florida 33134  
(305) 271-0003

RESIDENTIAL POOL FOR  
PALM ISLAND RESIDENCE  
3000 S.W. 17th Avenue  
Miami, Florida 33134  
(305) 271-0003

OFFICE COPY  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

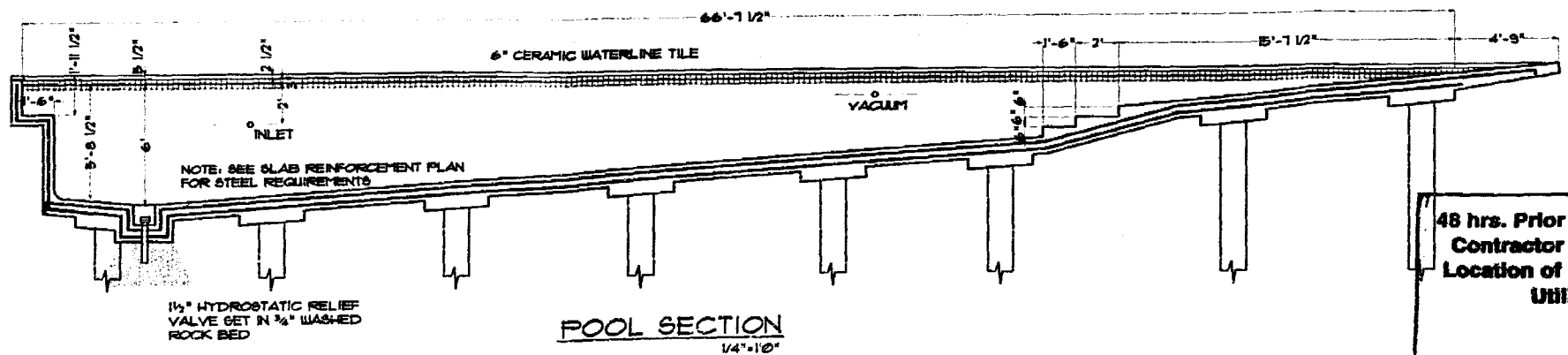
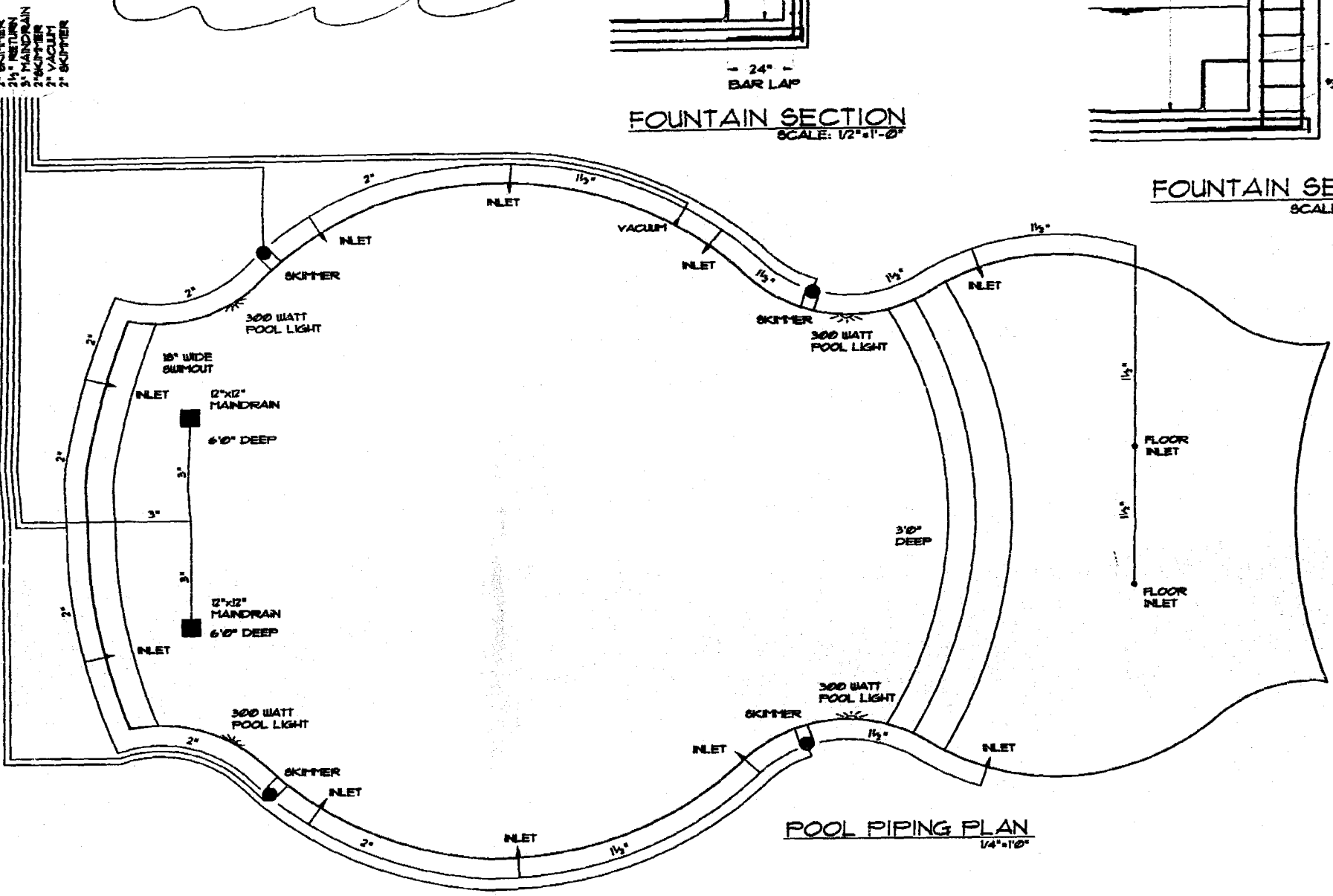
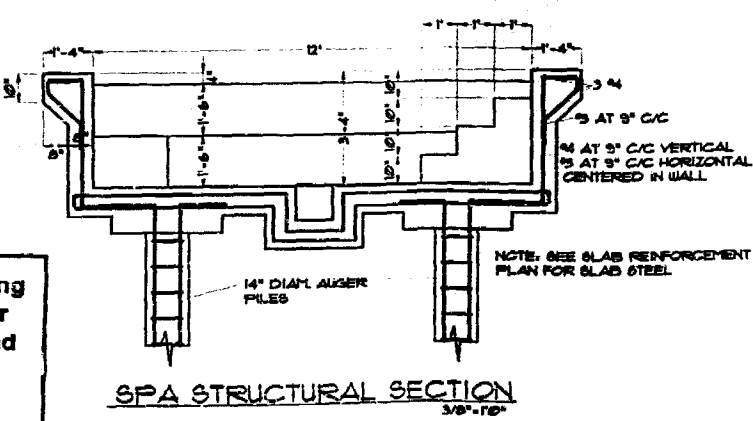
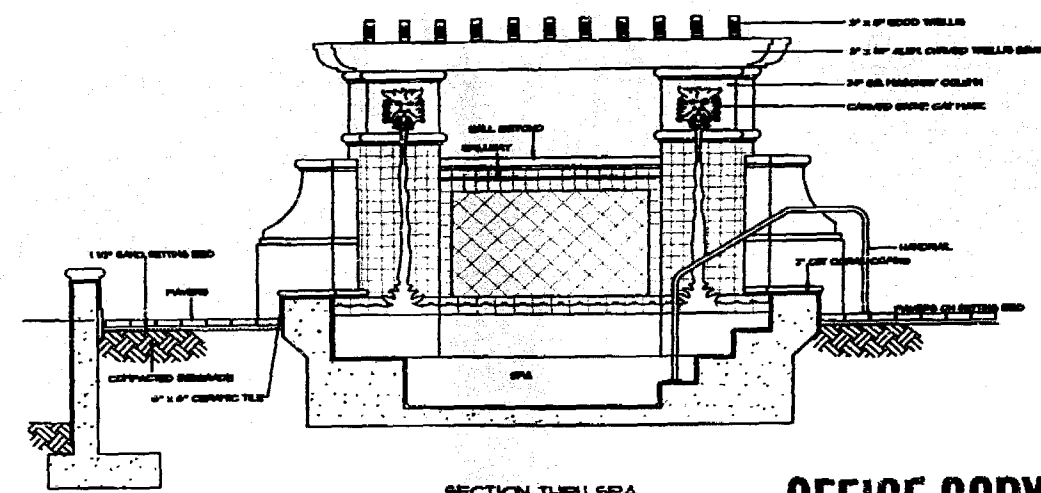
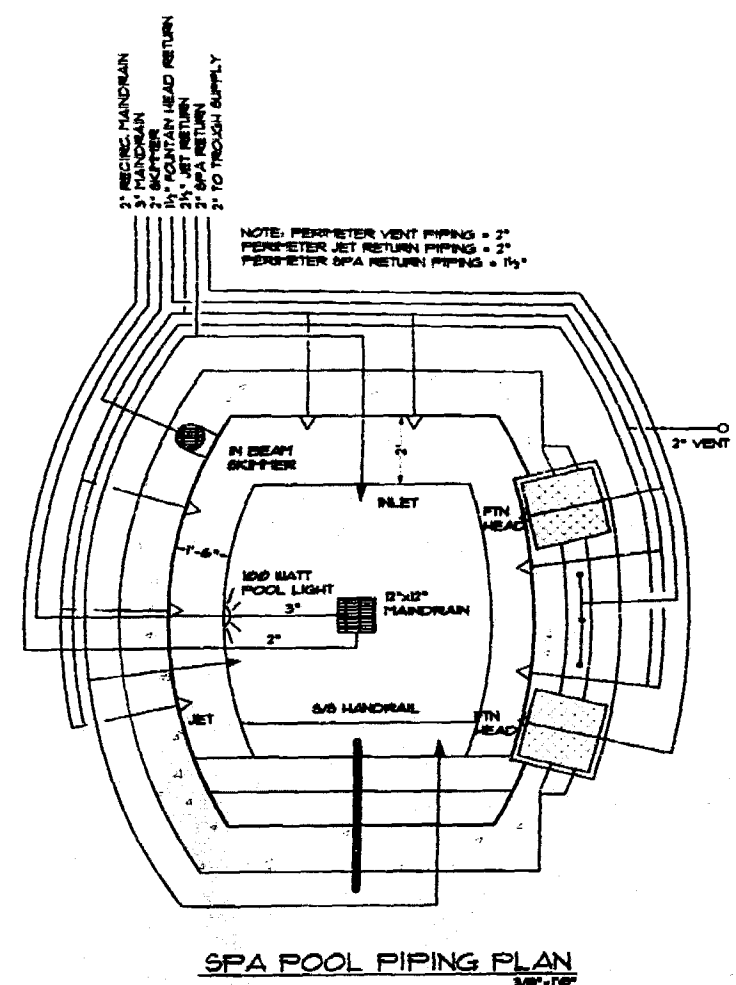
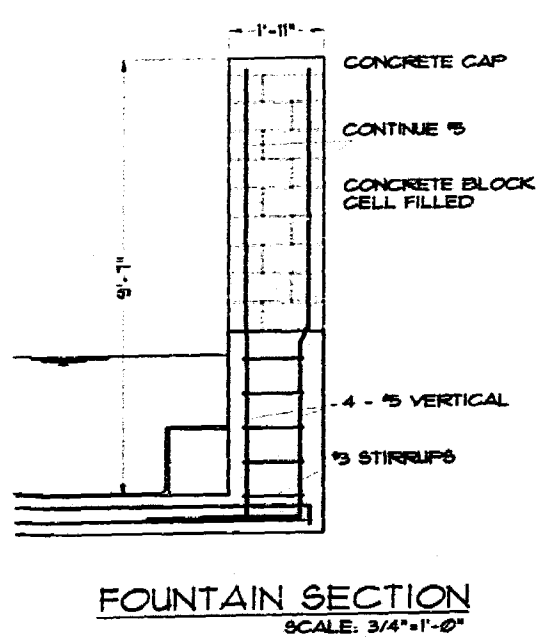
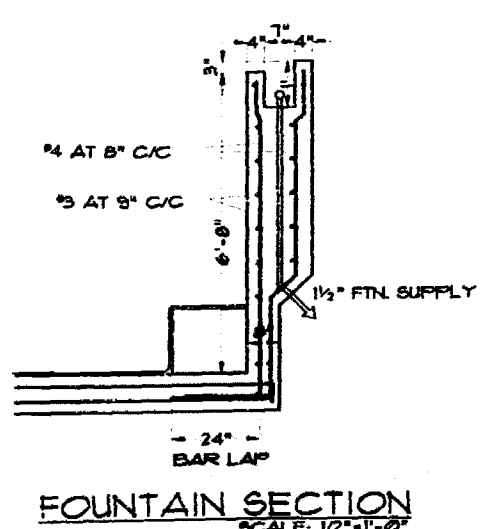
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PUBLIC WORKS: [Signature]  
STRUCTURAL: [Signature]  
ACCESSIBILITY: [Signature]  
ELEVATOR: [Signature]

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DATE: 10-15-2001

STRUCTURAL NOTES:

1. ALL PILES SHALL BE 14" DIAMETER AUGER PILES OF SUFFICIENT DEPTH TO PROVIDE A MINIMUM BEARING CAPACITY OF 35 TONS EACH.
2. ALL PILE CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.
4. ALL PILES SHALL BE REINFORCED WITH A MINIMUM OF 4" INTO PILE CAPS.
5. ALL PILE REINFORCING STEEL SHALL BE CONNECTED TO BOTTOM FLOOR REINFORCING WITH MINIMUM 18" LAPS AND APPROVED CONNECTORS.
6. ALL AUGER PILES SHALL BE A MINIMUM OF 21 FEET IN LENGTH PROVIDING A COMPRESSION STRENGTH OF 35 TONS IN COMPRESSION AND 21 TONS IN TENSION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY ARDAHAN & ASSOC., INC. OF MIAMI, FLORIDA.



48 hrs. Prior to Excavating  
Contractor shall call for  
Location of Underground  
Utilities.

Sunshine One-Call 1-800-432-4770

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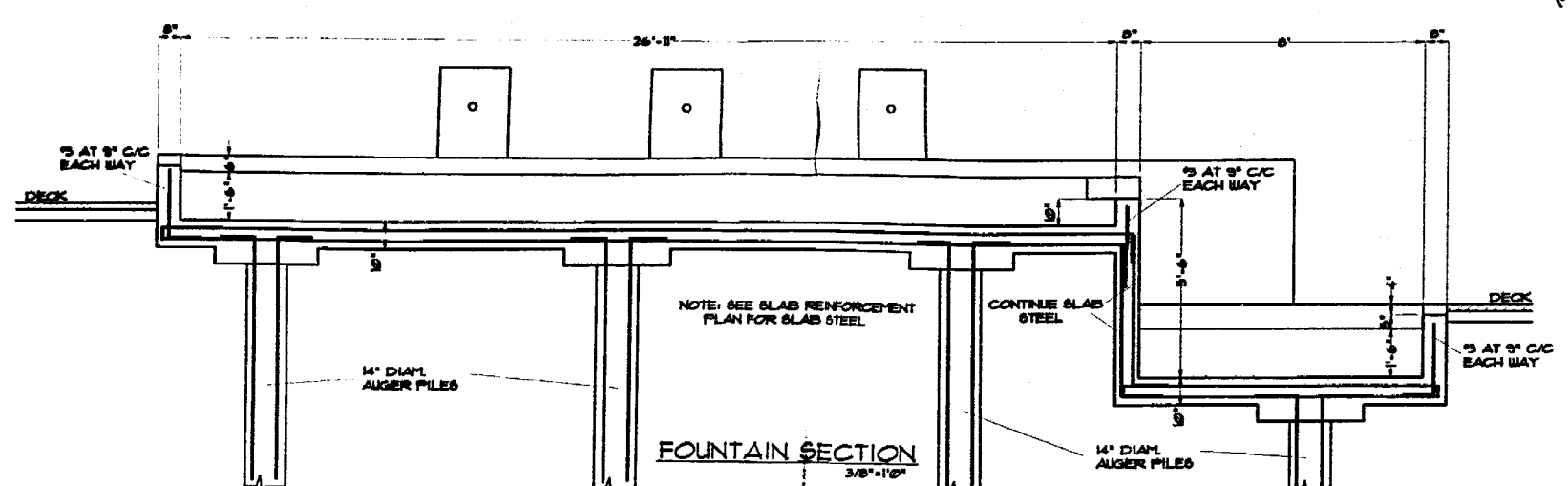
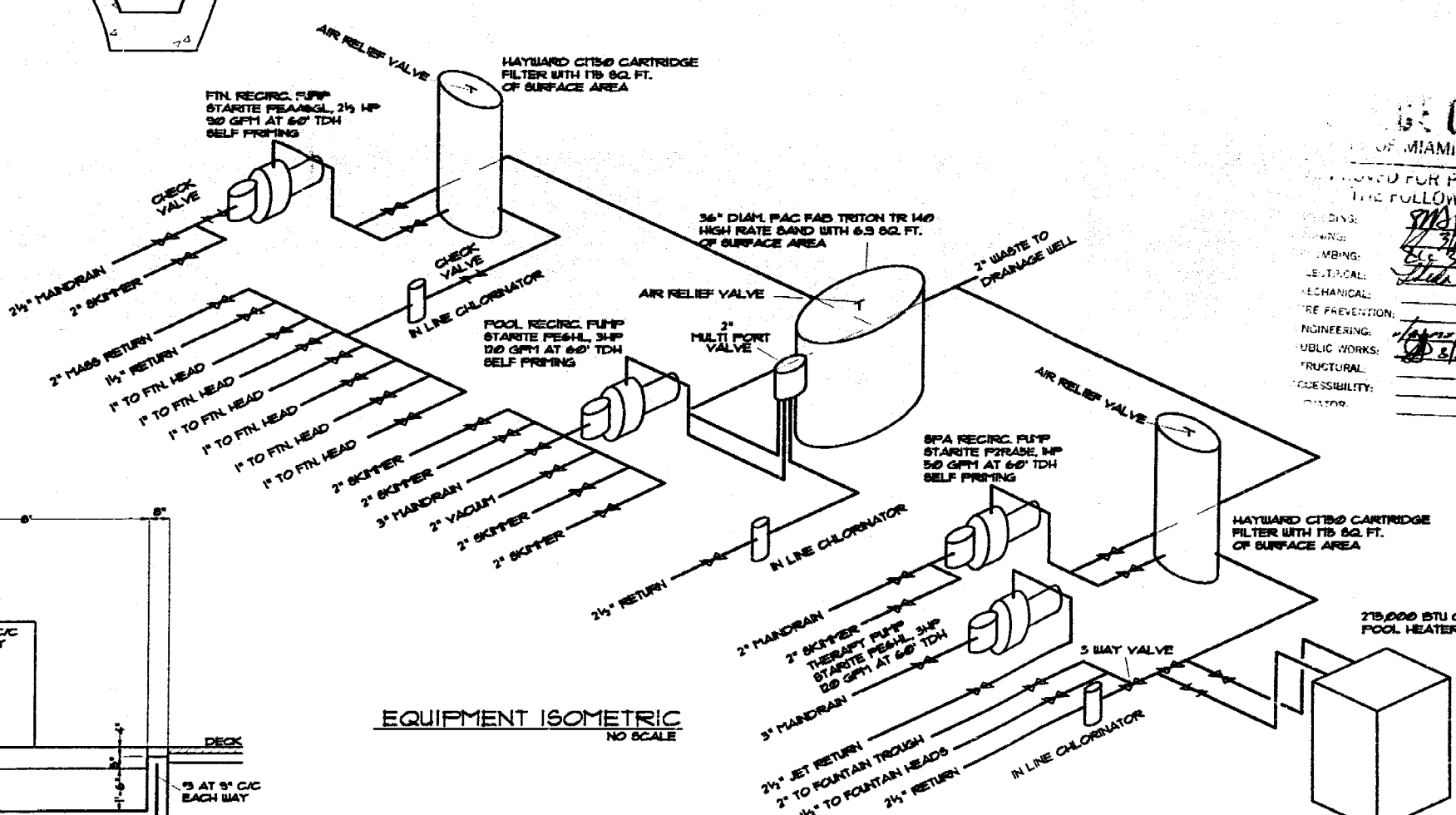
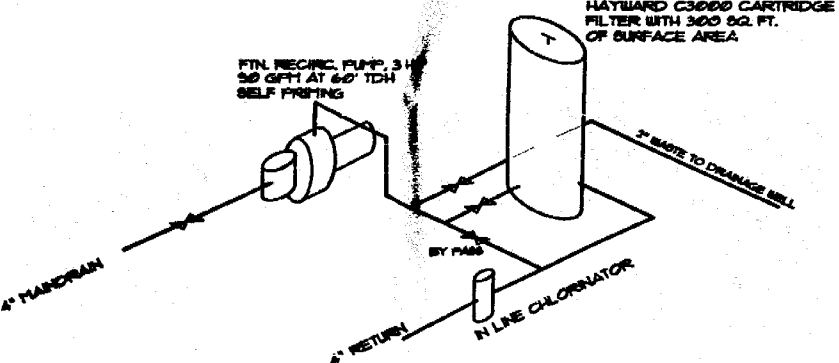
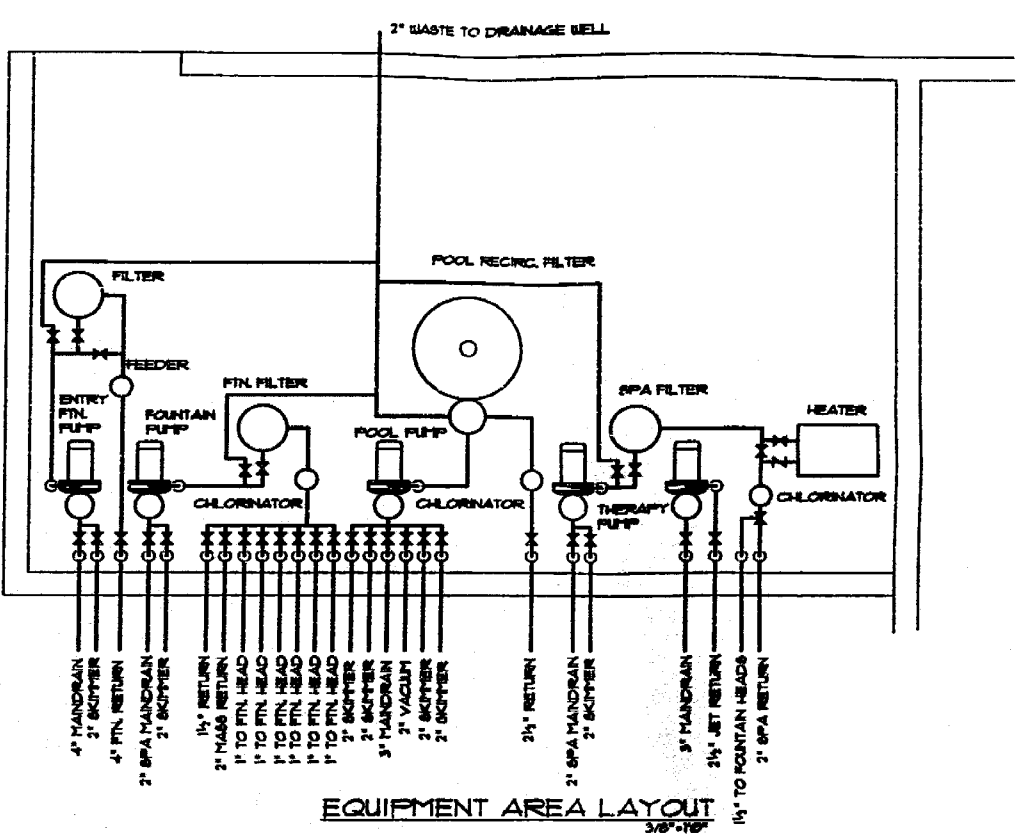
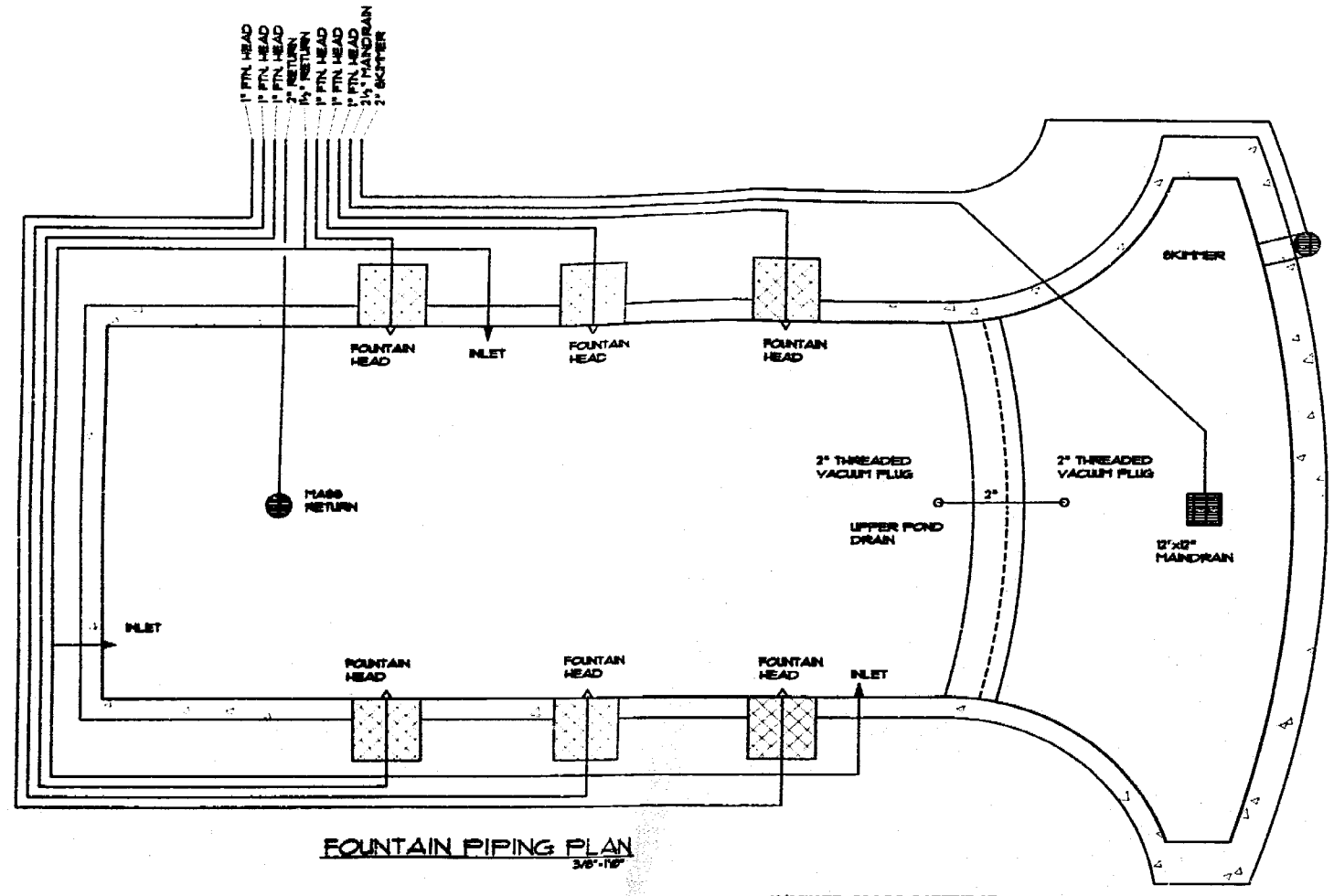


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RESIDENTIAL POOL FOR  
PALM ISLAND RESIDENCE  
34 PALM  
MIAMI BEACH, FLORIDA  
(305) 771-0883

RESIDENTIAL POOL FOR  
PALM ISLAND RESIDENCE  
34 PALM  
MIAMI BEACH, FLORIDA  
(305) 771-0883

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[Stamp]  
[Stamp]



**TRUE COPY**  
OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:  
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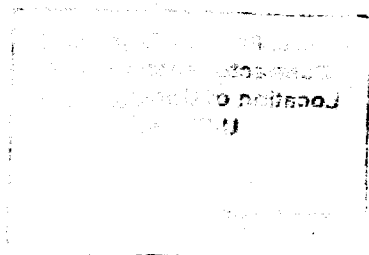
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94 Palm Ave



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PERMIT #

B0200484

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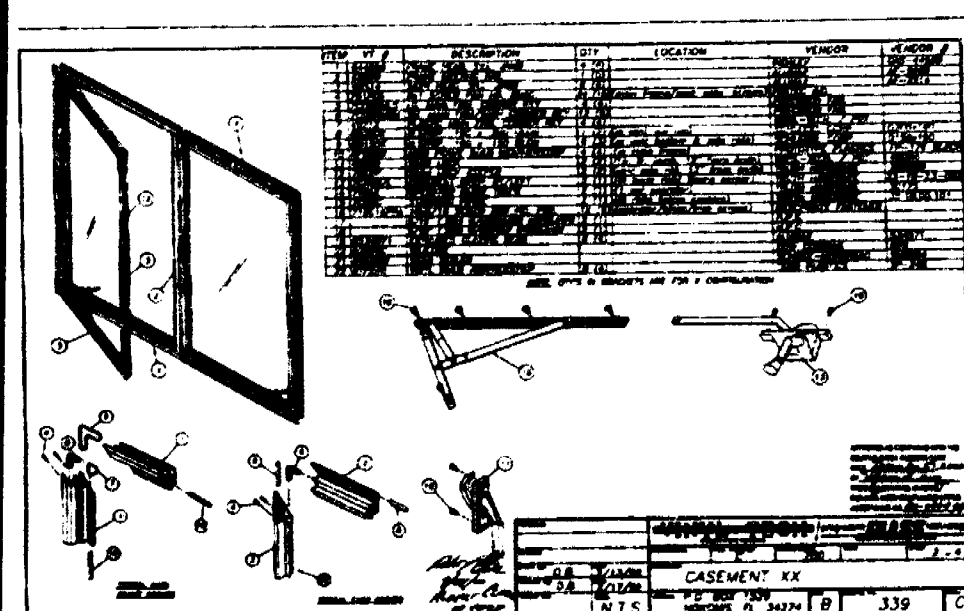
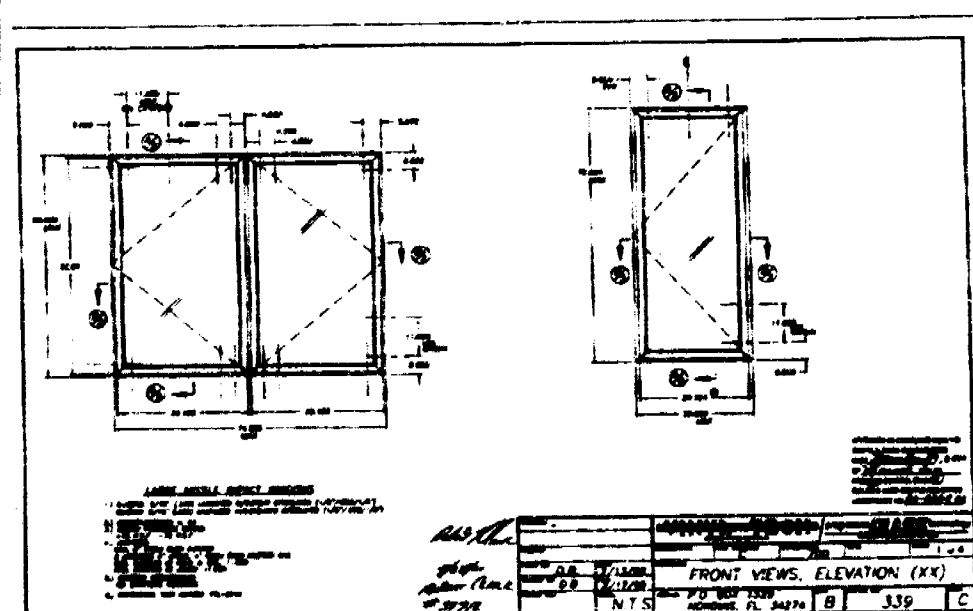
ACCEPTANCE No.: 00-009403  
APPROVED : DEC 07 2000  
EXPIRES : January 28, 2002

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

- NOTICE OF ACCEPTANCE**
1. Return of this Acceptance (approval) shall be considered after a review application has been filed and the original supporting documents, including new supporting data, engineering documents, tests, etc. older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "This product conforms to the requirements of the Acceptance" and the following statement: "This product conforms to the requirements of the Acceptance".
3. Receipt of Acceptance will not be considered if:
- a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product manufacturer has not complied with the code changes.
  - b. The product is no longer the same product (identical) to the one originally approved.
  - c. If the Acceptance holder has not complied with the requirements of the Acceptance, including the continuation of the product.
  - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, if not signed by the manufacturing professional.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall be submitted to the manufacturer for review and approval. The manufacturer shall be liable for the cause for termination of this Acceptance, unless prior written approval has been obtained from the manufacturer. The manufacturer shall be responsible for the cost of this review requested (through the filing of a revision application with appropriate fee) and granted by the manufacturer.
5. Any of the following shall also be grounds for removal of this Acceptance:
- a. Unsatisfactory performance of this product or process,
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance may be provided by the words Miami-Dade County, Florida, and followed by the expression that number by which the Acceptance is followed. If any portion of the Notice of Acceptance is not provided, it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site. The original copy of the Acceptance shall be retained in the copies.
8. Failure to comply with any portion of this Acceptance shall be cause for termination and removal of Acceptance.

END OF THIS ACCEPTANCE

Manuel Perez, P.E., President, Central American  
Business Council Division



02



MIAMI-DADE COUNTY, FLORIDA  
MIAMI-DADE PLANNING AND ZONING  
DEPARTMENT COMPLIANCE OFFICE  
140 WEST FLAGLER STREET, SUITE 1000  
MIAMI, FLORIDA 33135-1000  
(305) 375-7000 FAX (305) 375-7000

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

Dade Metals Corporation  
200 N.W. 22 Street  
Miami, FL 33127-0811

CONTRACTOR/ENGINEER/ARCHITECT  
NAME: [Redacted] DATE: [Redacted]  
COMPANY: [Redacted] ADDRESS: [Redacted]  
PHONE: [Redacted] FAX: [Redacted]

Your application for Product Approval of  
Series 3000 Aluminum Fixed Window - Impact Resistant  
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of  
Construction, and compliance thereof herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure the  
product or material at anytime from a job site or manufacturer's plant for quality control testing.  
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend  
the use of such product or material immediately. BCCO reserves the right to revoke this approval if it is  
determined BCCO that this product or material fails to meet the requirements of the South Florida Building  
Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No. **08-0134-01**  
Expires **06/29/2009**

**THIS IS THE COVERSHEET. SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

The application for Product Approval has been received by the BCCO and approved by the Building Code  
and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

*[Signature]*  
Director  
Miami-Dade County  
Building Code Compliance Office

Approved: **06/29/2008**

Dade Metals Corporation

ACCEPTANCE No. **08-0134-01**  
APPROVED **JUN 29 2008**  
EXPIRES **August 26, 2009**

**NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS**

- SCOPE**  
1.1 This product and its use shall be limited to the use of Alternative Materials and Types of Construction as described in Section 8 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of Construction, and compliance thereof herein. For the locations where the product is used, as determined by the Building Code Compliance Office, it shall not exceed the Design Pressure Rating values indicated in the approved drawings.
- PRODUCT DESCRIPTION**  
2.1 The Series 3000 Aluminum Fixed Window - Impact Resistant, and its components shall be constructed in strict compliance with the following documents: Drawing No. W08-03, titled "Series 3000 Aluminum Fixed Window Impact Resistant - Sheets 1 and 2 of 3", dated 01/27/00, prepared by AIA Engineering Corporation, signed and sealed by Raymond F. Fenn, P.E. They bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.
- LIMITATIONS**  
3.1 This approval applies to single unit applications, as shown approved drawings.
- INSTALLATION**  
4.1 The aluminum fixed window and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters). The installation of this unit shall not require a hurricane protection system.
- LABELING**  
5.1 Each unit shall have a permanent label with the manufacturer's name or logo, city, date and following statement: "Miami-Dade County Product Control Approved".
- BUILDING PERMIT REQUIREMENTS**  
6.1 Applications for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance.  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components indicated for the proposed installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

*[Signature]*  
Miami-Dade County  
Product Control Division

2 of 3

Dade Metals Corporation

ACCEPTANCE No. **08-0134-01**  
APPROVED **JUN 29 2008**  
EXPIRES **August 26, 2009**

**NOTICE OF ACCEPTANCE - STANDARD CONDITIONS**

- Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, has no older than eight (8) years.
- Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of the Acceptance.
- Renewal of Acceptance will not be considered if:  
a) There has been a change in the South Florida Building Code affecting the evaluation of this product and its product is not in compliance with the code changes.  
b) The product is no longer the same product (identical) as the one originally approved.  
c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.  
d) The engineer who originally prepared, signed and sealed the required documentation usually submitted is no longer practicing the engineering profession.
- Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- Any of the following shall also be grounds for removal of this Acceptance:  
a) Unsatisfactory performance of the product or process.  
b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
- The Notice of Acceptance number provided by the Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
- A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site at all times. The engineer need not retain the copies.
- Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- The Notice of Acceptance consists of pages 1, 2 and this last page.

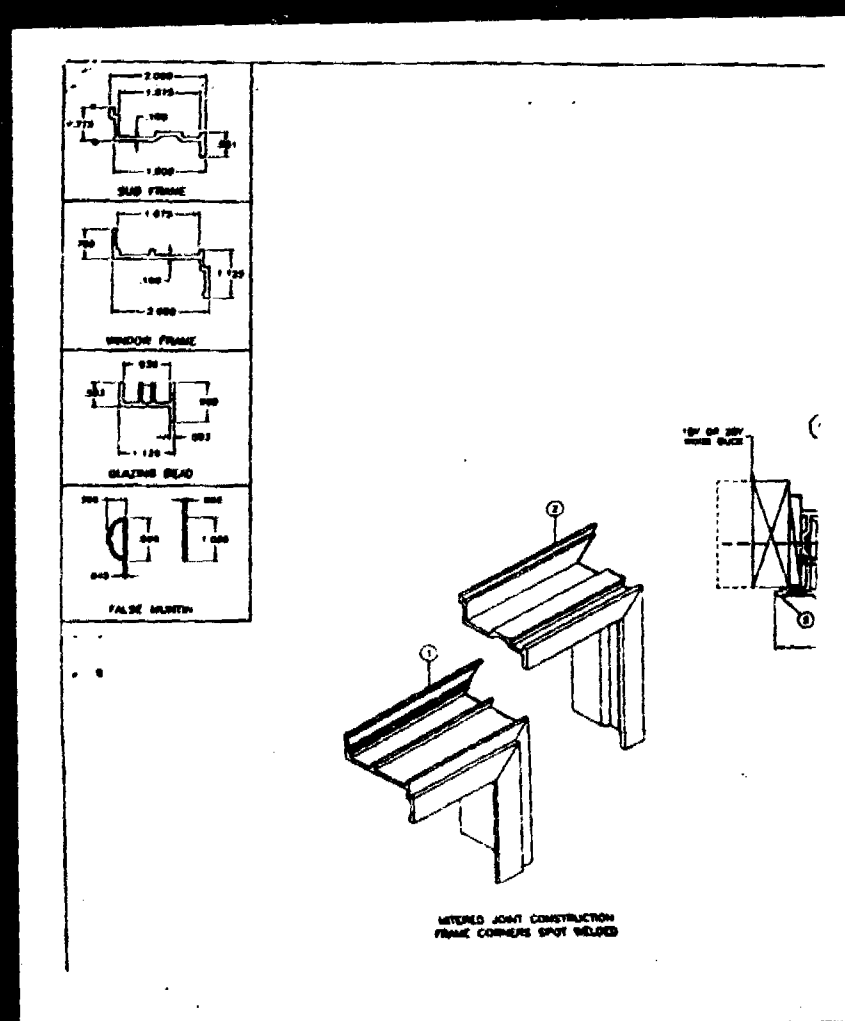
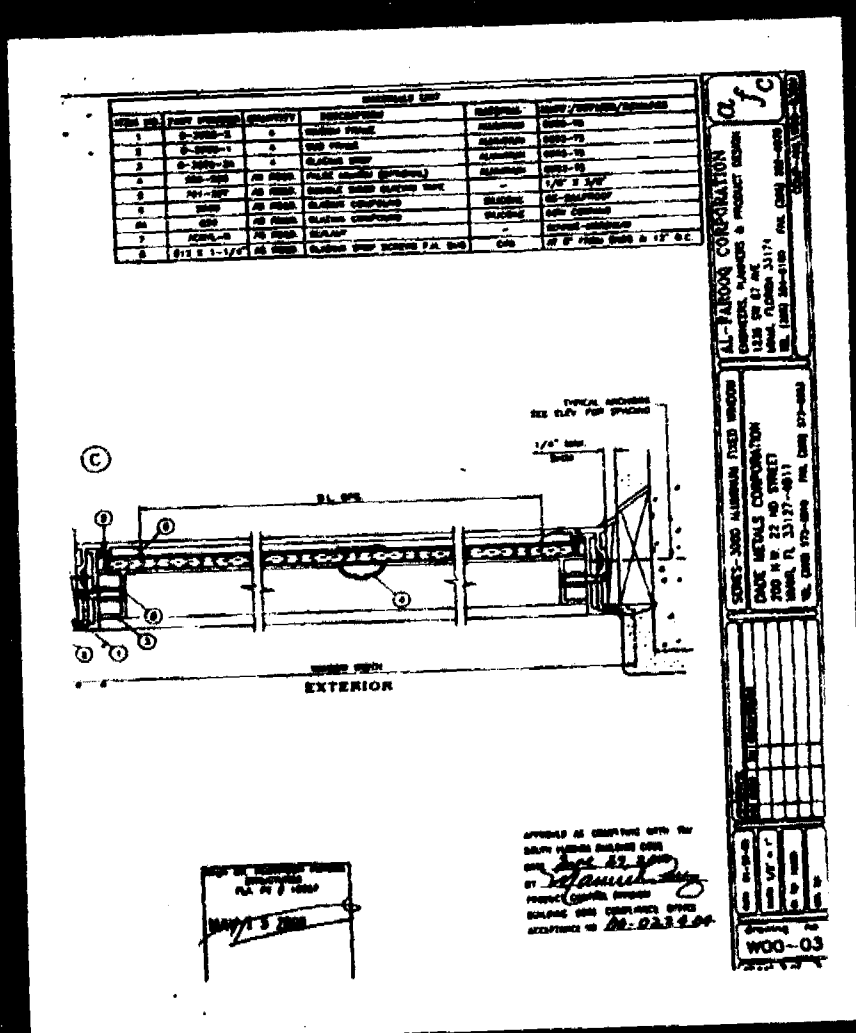
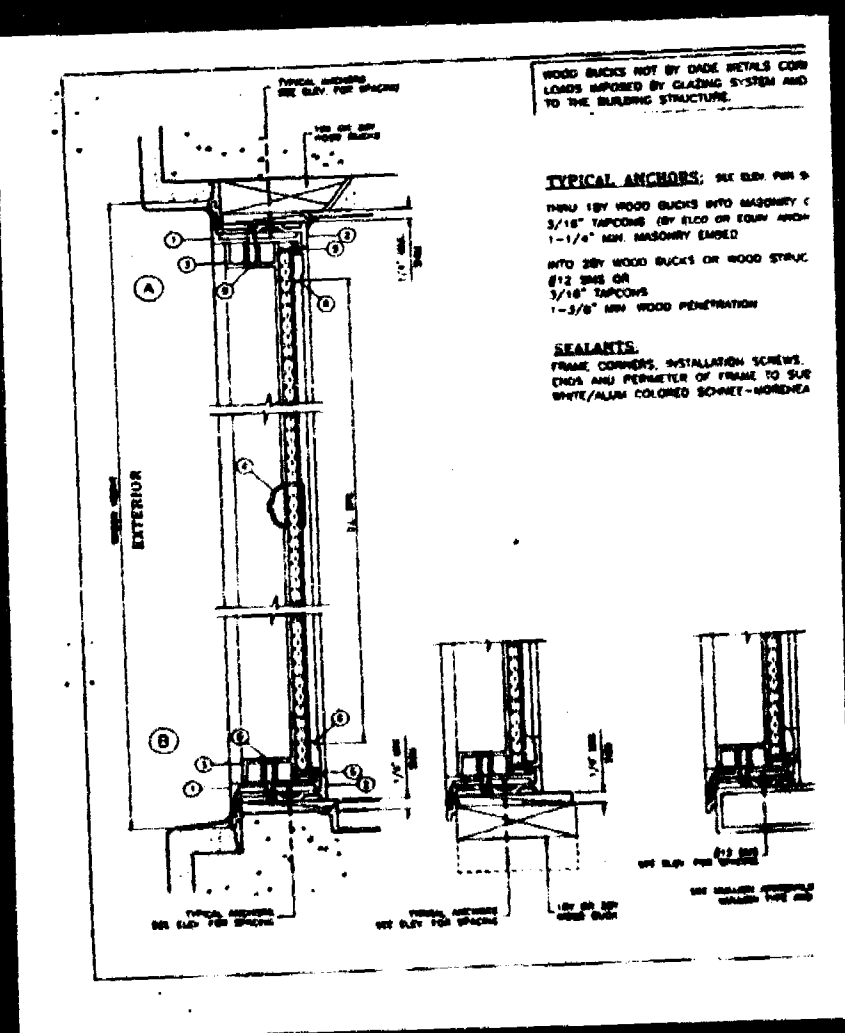
*[Signature]*  
Miami-Dade County  
Product Control Division

**END OF THIS ACCEPTANCE**  
1 of 3

02







MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
BUILDING CODE COMPLIANCE OFFICE  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1600  
MIAMI, FLORIDA 33130-1260  
(305) 375-2900 FAX (305) 575-2900

### 1. STATE CONTROL NOTICE OF ACCEPTANCE

[illegible]

The expense of such testing will be incurred by the manufacturer

ACCEPTANCE NO: 01-01124  
EXPIRE: 11/03/05

Raul Rodriguez  
Chief Product Control Division

THIS IS THE GOVERNMENT, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
COMMENTS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committees to be used in Miami-Dade County, Florida under the conditions set forth above.

FB in 11/10/2010

Francisco J. Quintana, M.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

APPROVED: 02/06/1991

Internet: <http://www.bundlingrobotics.com> Homepage: <http://www.bundlingrobotics.com>

**Vinyl Tech/Emulsions/Glass Technology.**

ACCEPTANCE No.: 01-0417-01

APPROVED : September 06, 2004

**EXPIRES** : November 11, 2009

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. **SCOPE:** This review and renders the Notice of Acceptance No. 99-01289, which was issued on February 11, 1999, and is approved as defining minimum French door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1998 Edition, for the Miami-Dade County, for the locations where the pressure requirements, as approved by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated on the approved drawings.
2. **PROMPT COMPLIANCE:** The following Aluminum French Doors-Impact Resistant and its components shall be installed in compliance with the following documents: Drawing No. 971, titled "French Door - 1/2\" x 6\" - Sheets 1 through 4 and 6, prepared by manufacturer, dated 02/09/99, revision C dated 12/23/99, as amended on 01/09/00, and the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance No. 99-01289, Miami-Dade County Product Control Approval stamp with the Notice of Acceptance No. 99-01289, and approval date by the Miami-Dade County Product Control Division. These documents shall hereafter be referred to as the approved drawings.
3. **LIMITATIONS:**
- 3.1 The approved applications for single unit application of pair of doors and single door only, as shown in the approved drawings. Single unit shall include description on the active leaf of this application.
4. **INSTALLATION:**
- 4.1 The structural aluminum French doors and its components shall be installed in strict compliance with the approved drawings.
  - 4.2 Hurricane protection system (shutters) the installation of this unit will require a hurricane protection system.
5. **LABELING:**
- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved"
6. **BUILDING PERMIT REQUIREMENTS:**
- 6.1 Application for building permit shall be accompanied by copies of the following:
    - 6.1.1 This Notice of Acceptance
    - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance.
    - 6.1.3 Any other documents required by the Building Department for the purpose of obtaining a building permit, clearly marked to show the components attached for the permanent installation.
  - 6.1.3 Any other documents required by the Building Department for the purpose of obtaining a building permit, clearly marked to show the components attached for the permanent installation.

Isahq! Chanda, P.E. Product Control Examining  
Product Control Division

**Vision Tech/Transcendive Glass Technology**

ACCEPTANCE No.: 01-0417.04

APPROVED : September 96, 200

**EXPIRES** : November 22, 2006

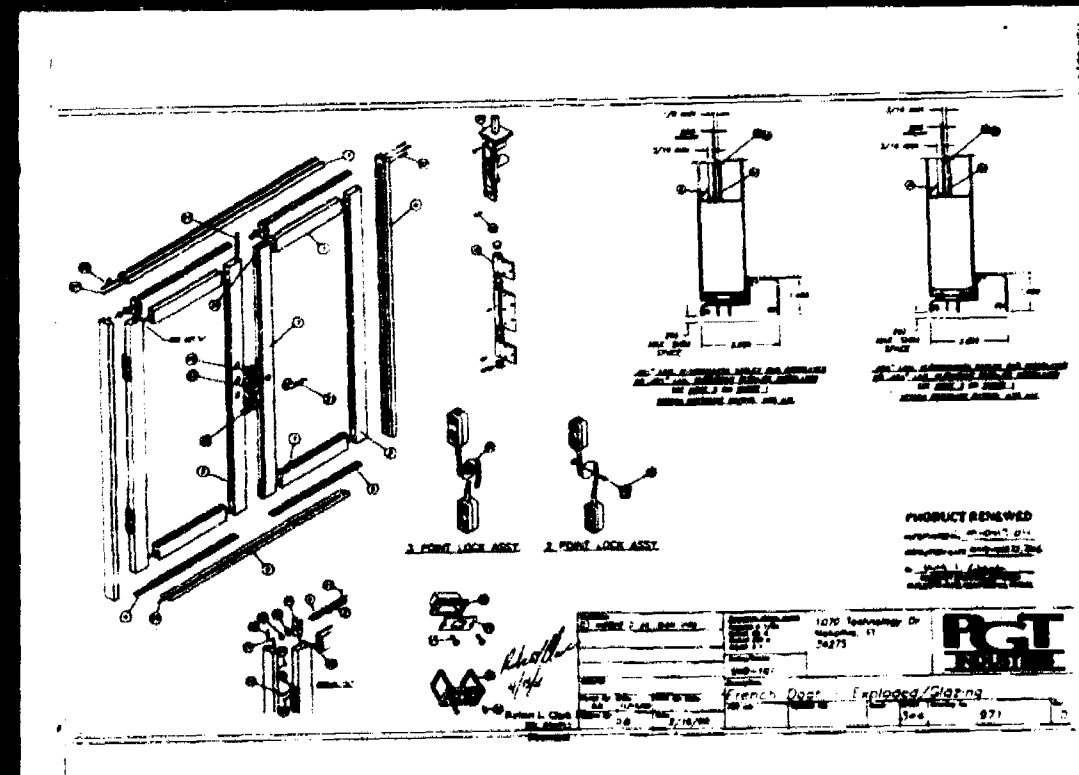
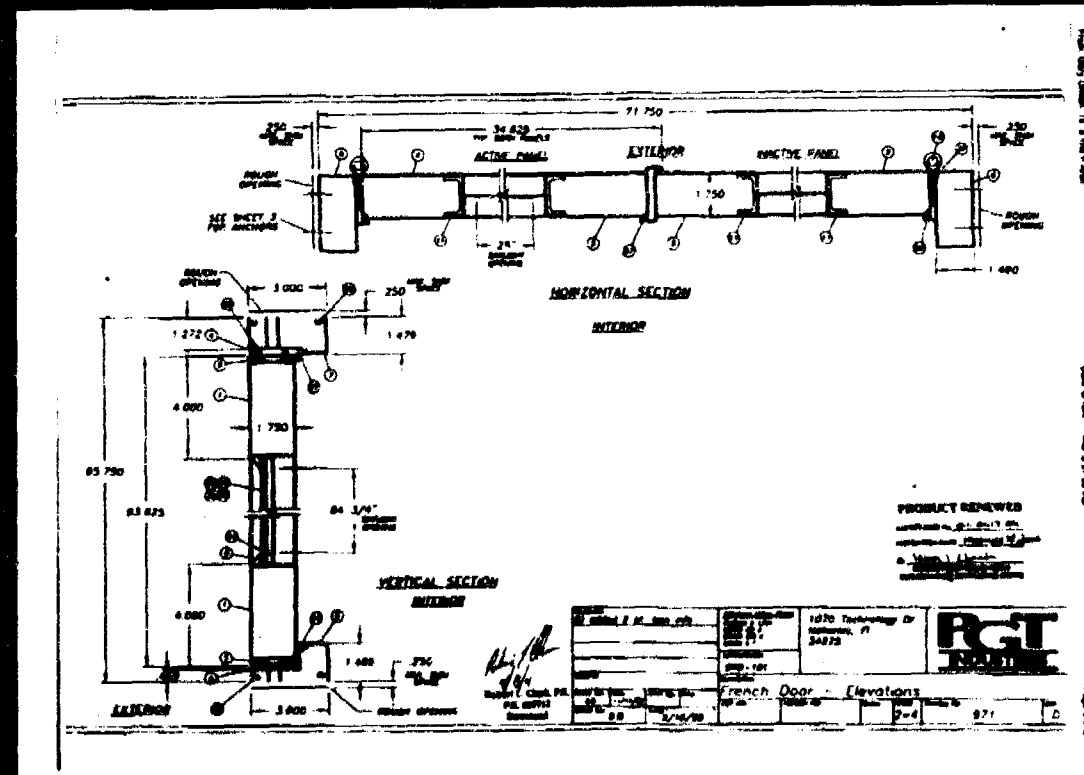
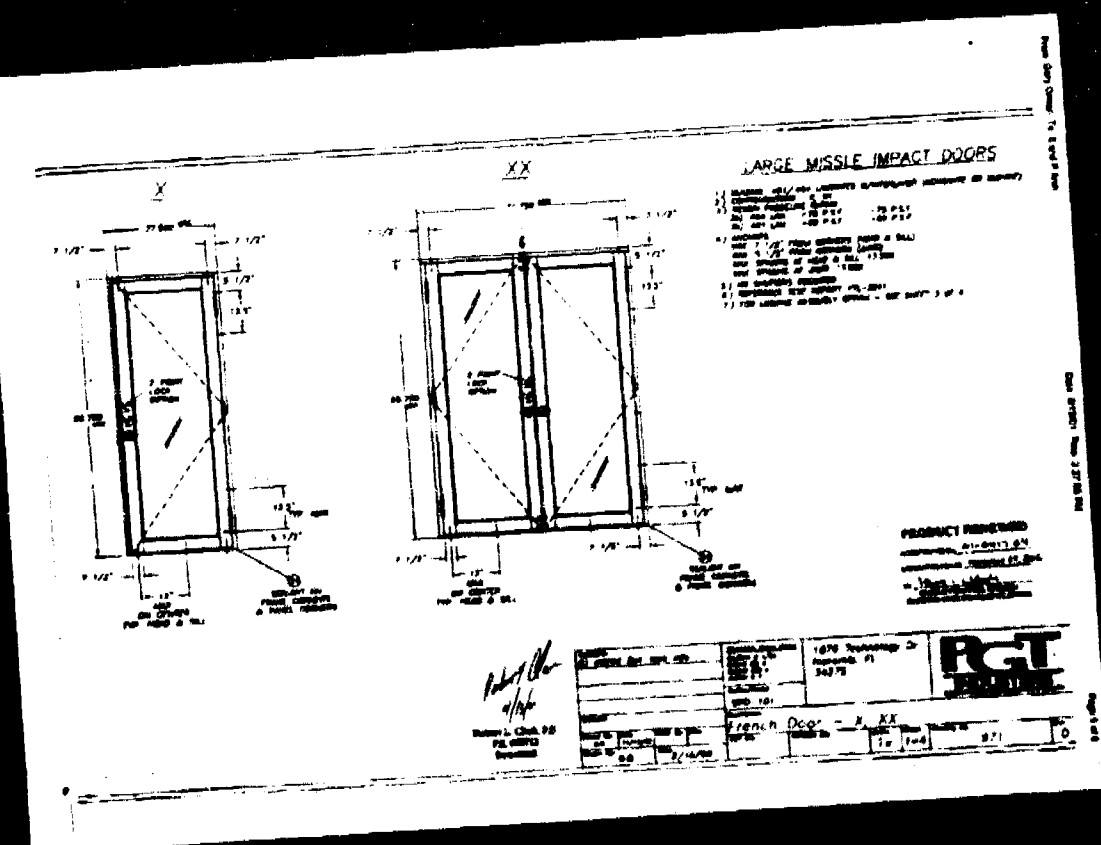
## NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Receipt of this Acceptance (approval) shall be considered after a thorough appraisal has been filed and the original substantiated documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control (approval)" as an specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
- a) There has been a change in the Miami-Dade Building Code affecting the evaluation of this product and the product is not in compliance.
  - b) The product is no longer in the manufacturer's (vendor's) stock or is no longer originally produced.
  - c) The manufacturer failed to comply with all of the requirements of this acceptance, including the correct installation of the product.
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted for review is no longer practicing engineering in the State of Florida.
4. Any revision or change in the materials, use, and/or manufacture of the product or products that said material be cause for termination of this Acceptance unless prior to prior approval has been received through the filing of a revision application on appropriate form and approved by this office.
5. Any of the following (a) shall be grounds for removal of this Acceptance:
- a) Unsatisfactory performance on subsequent evaluations.
  - b) Misuse of this Acceptance as an endorsement of any product for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida and followed by the product name may be available for public inspection. If any portion of the Notice of Acceptance is dropped, then it shall be deemed as useless.
7. Any of this Acceptance as well as approved drawings and other documents, which an applicant, shall be provided to the user by the manufacturer or its distributors and if it is available for inspection at the job site at the discretion of the engineer need not contain the name.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and three plus page 3

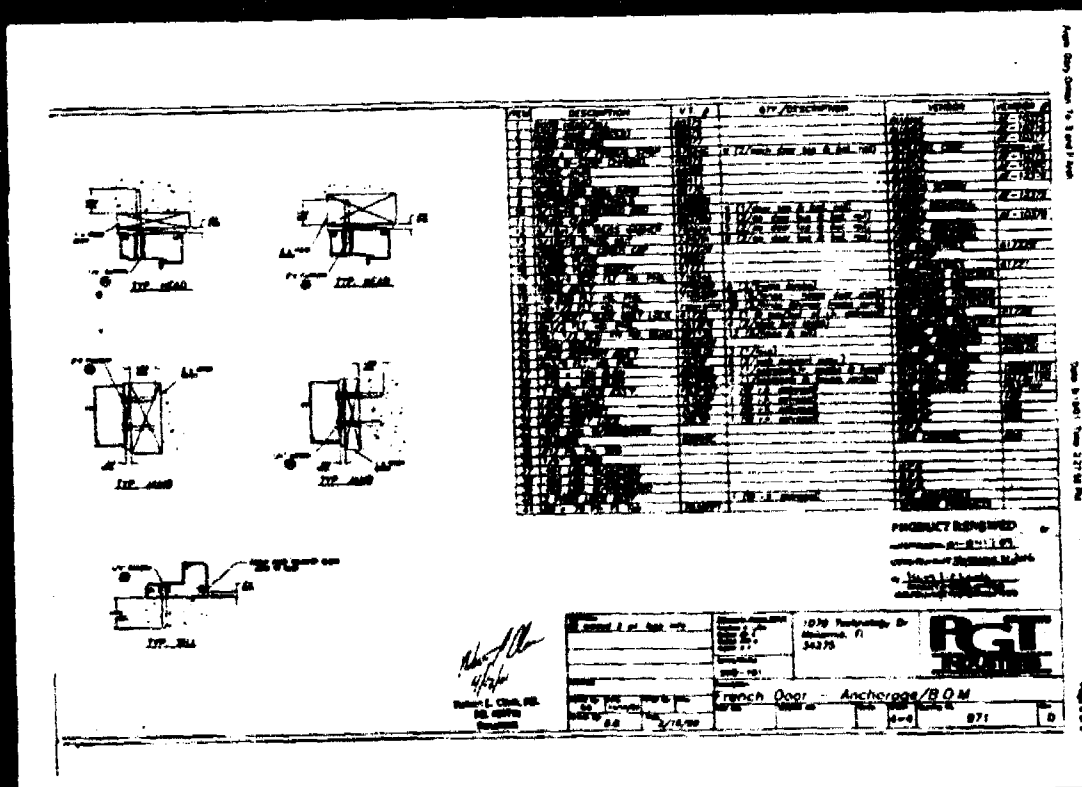
15491 Claude

**END OF THIS ACCEPTANCE**

02



02



MIAMI-DADE COUNTY DEPT. OF  
VETERINARY SERVICES

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

1070 Technology Drive  
Pahoa, FL 34775

CONTRACTOR: [REDACTED]  
SUBMITTER: [REDACTED]

YOUR APPLICATION FOR NOTICE OF ACCEPTANCE (NOA) OF  
Series PW-781 Aluminum Fixed Window - Non-Impact & Impact Resistant  
under Chapter 8 of the Code of Miami-Dade County governing the use of Aluminum Windows and Types of  
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Commission (BCCC) under the section specified below.

The NOA shall not be valid unless the product is used in accordance with the BCCC rules and regulations. BCCC reserves the right to require the  
product or material to be tested by a qualified testing agency for quality control testing. If the  
product or material fails to perform in the approved manner, BCCC may require the product to be replaced  
with a product that meets the requirements of the BCCC rules and regulations. BCCC reserves the right to require the product to be replaced  
with a product that meets the requirements of the BCCC rules and regulations.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO: 01-0187-01  
EXPIRES: 01-01-2008

THIS IS THE COXMARKET, IS A ADDITIONAL PAGE FOR SPECIFIC AND GENERAL  
CONDITIONS

THIS APPLICATION FOR Product Approval has been reviewed by the BCCC and approved by the Building  
Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set  
forth above.

APPROVED: 01-01-2008

10/10/07 (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008)

Internet mail address: [productcontrol@buildingcode.com](mailto:productcontrol@buildingcode.com) • Homepage: <http://www.bccm.com>

1070 Technology Drive  
Pahoa, FL 34775

CONTRACTOR: [REDACTED]  
SUBMITTER: [REDACTED]

YOUR APPLICATION FOR NOTICE OF ACCEPTANCE (NOA) OF  
Series PW-781 Aluminum Fixed Window - Non-Impact & Impact Resistant  
under Chapter 8 of the Code of Miami-Dade County governing the use of Aluminum Windows and Types of  
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Commission (BCCC) under the section specified below.

The NOA shall not be valid unless the product is used in accordance with the BCCC rules and regulations. BCCC reserves the right to require the  
product or material to be tested by a qualified testing agency for quality control testing. If the  
product or material fails to perform in the approved manner, BCCC may require the product to be replaced  
with a product that meets the requirements of the BCCC rules and regulations. BCCC reserves the right to require the product to be replaced  
with a product that meets the requirements of the BCCC rules and regulations.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO: 01-0187-01  
EXPIRES: 01-01-2008

THIS IS THE COXMARKET, IS A ADDITIONAL PAGE FOR SPECIFIC AND GENERAL  
CONDITIONS

THIS APPLICATION FOR Product Approval has been reviewed by the BCCC and approved by the Building  
Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set  
forth above.

APPROVED: 01-01-2008

10/10/07 (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008) (01/01/2008)

Internet mail address: [productcontrol@buildingcode.com](mailto:productcontrol@buildingcode.com) • Homepage: <http://www.bccm.com>

02

# 2. **Endorsement**

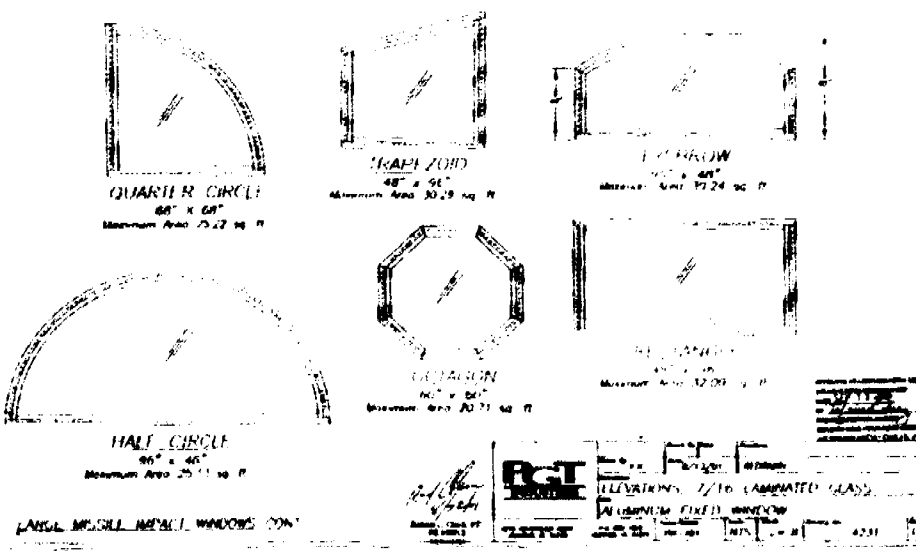
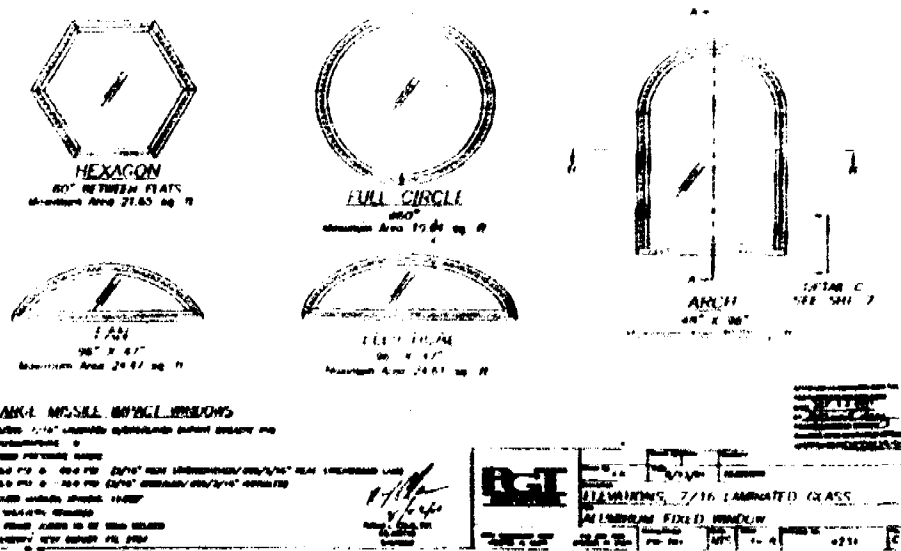
ACCEPTANCE No. SL010101  
 APPROVED: SEP 13 2021  
 EXPIRES: SEP 13 2026

## **NOTICE OF ACCEPTANCE - STANDARD CONDITIONS**

1. Renewal of this Acceptance approval shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering calculations and the order form is filed.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved" or its equivalent specifically stated in the specific conditions of this Acceptance.
3. Renewal of Acceptance will not be considered if:
  - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code change.
  - b. The product is no longer the same product (identical) to the one originally approved.
  - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
  - d. The engineer, who originally prepared, signed and sealed the required documentation, is no longer practicing the engineering profession.
4. Any revision or change in the product's use, product manufacture of the product or product shall automatically be voided for the term of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall be grounds for removal of this Acceptance:
  - a. Unsatisfactory performance of this product or process.
  - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number provided by the Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance must be approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site at all times. The engineer does not need to record the copies.
8. Failure to comply with any section of this Acceptance shall be cause for suspension and removal of Acceptance.
9. This Acceptance covers page 1, 2, and 3 of page 3.

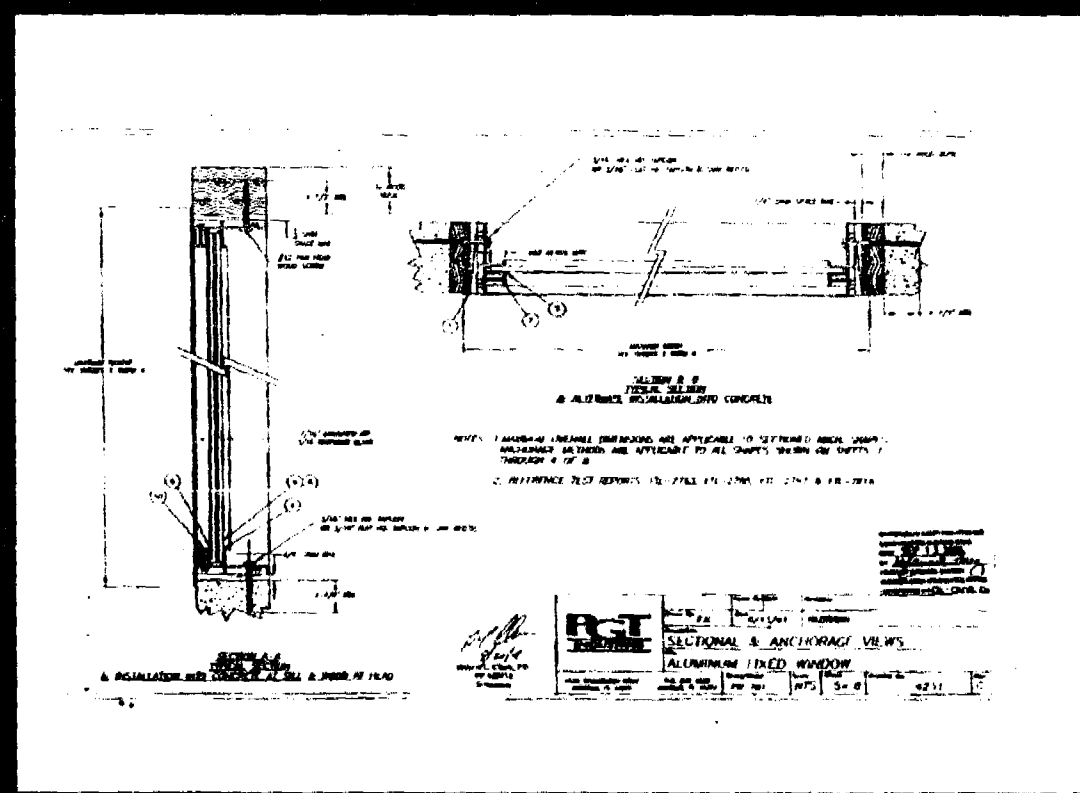
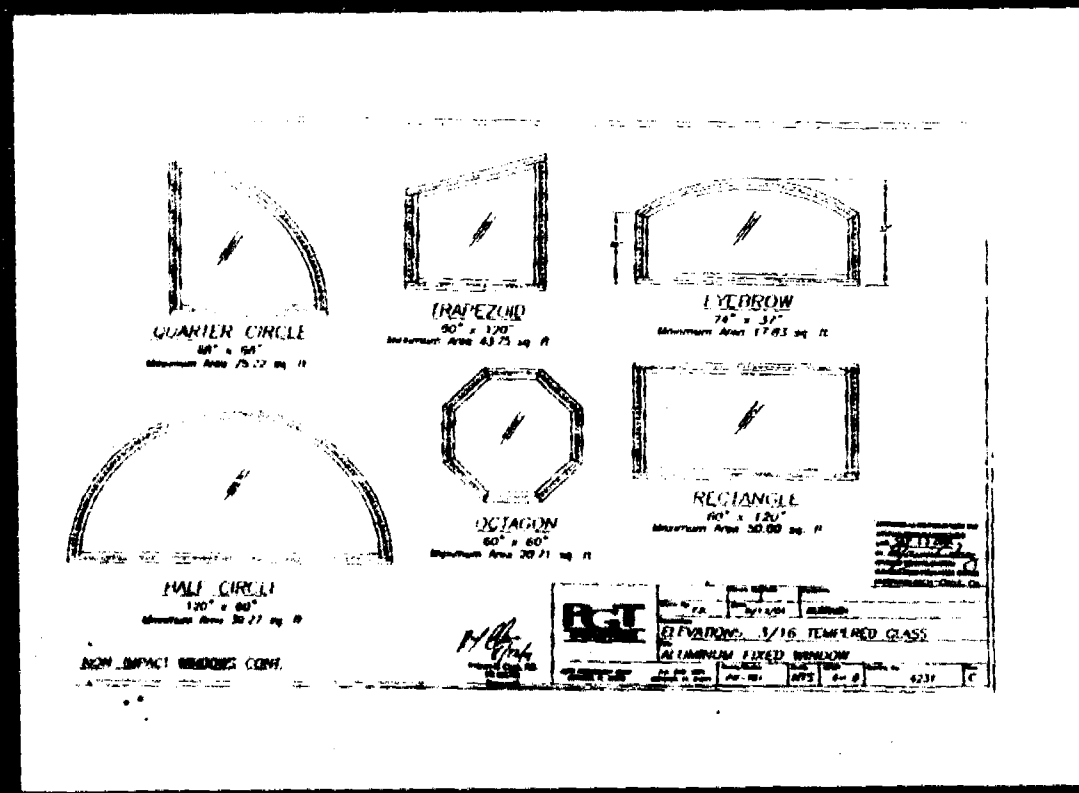
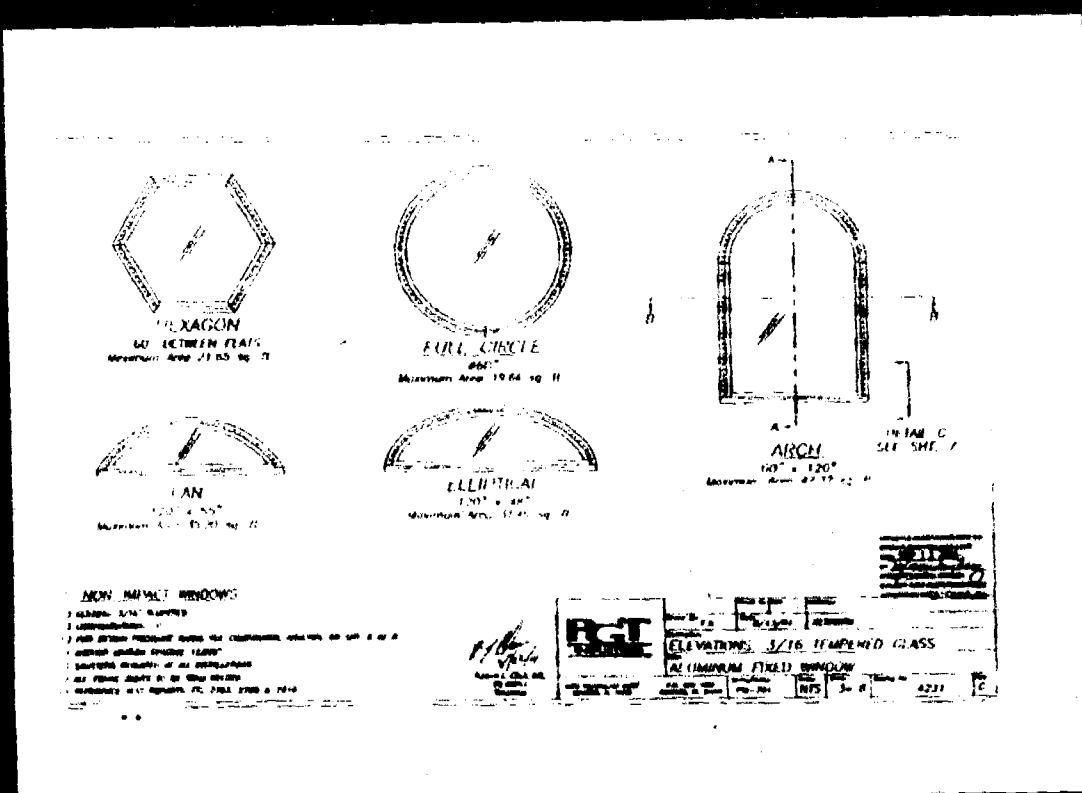
END OF THIS ACCEPTANCE

*[Signature]*  
 Michael J. P. Thomas, County Engineer  
 Product Control Division



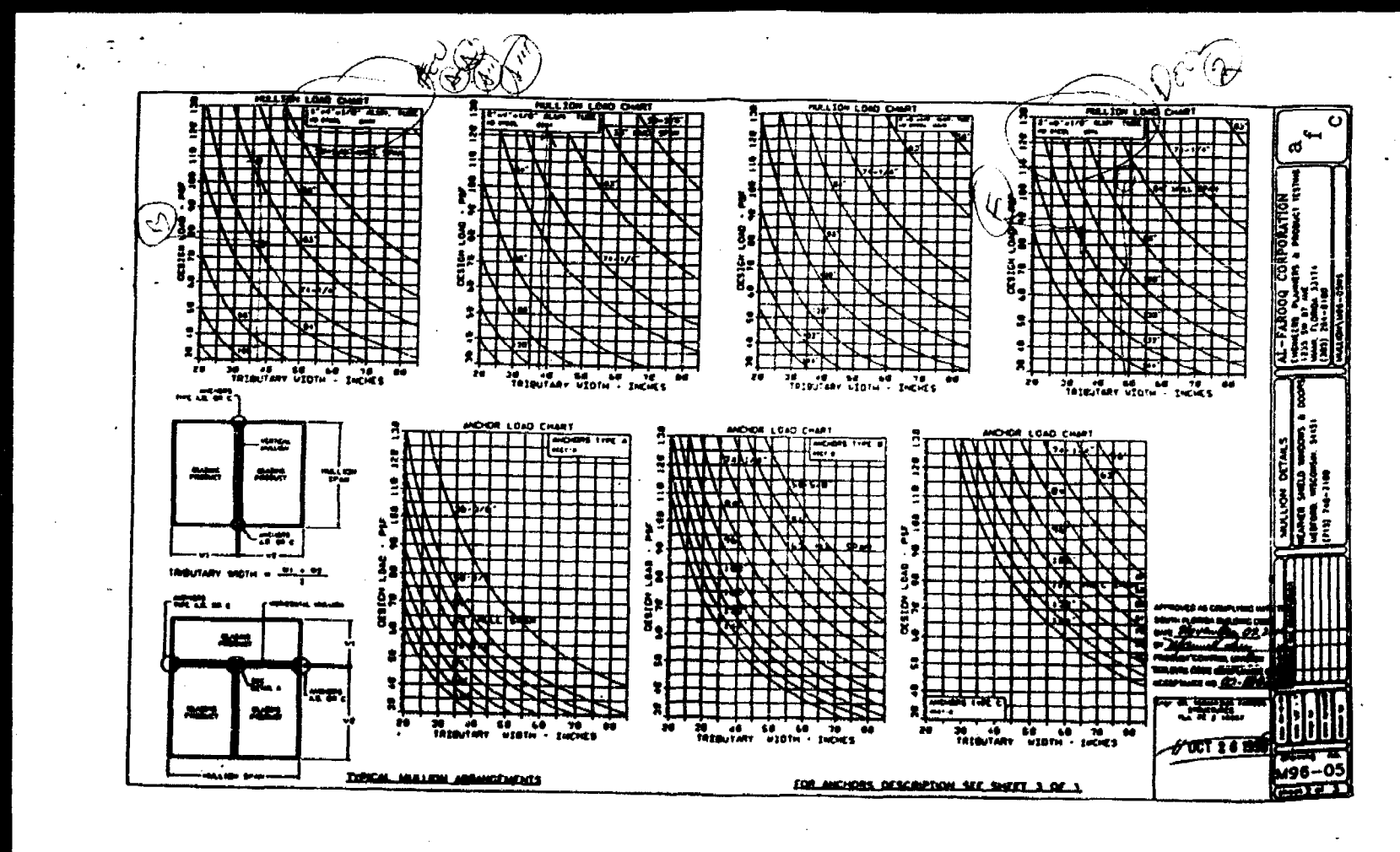
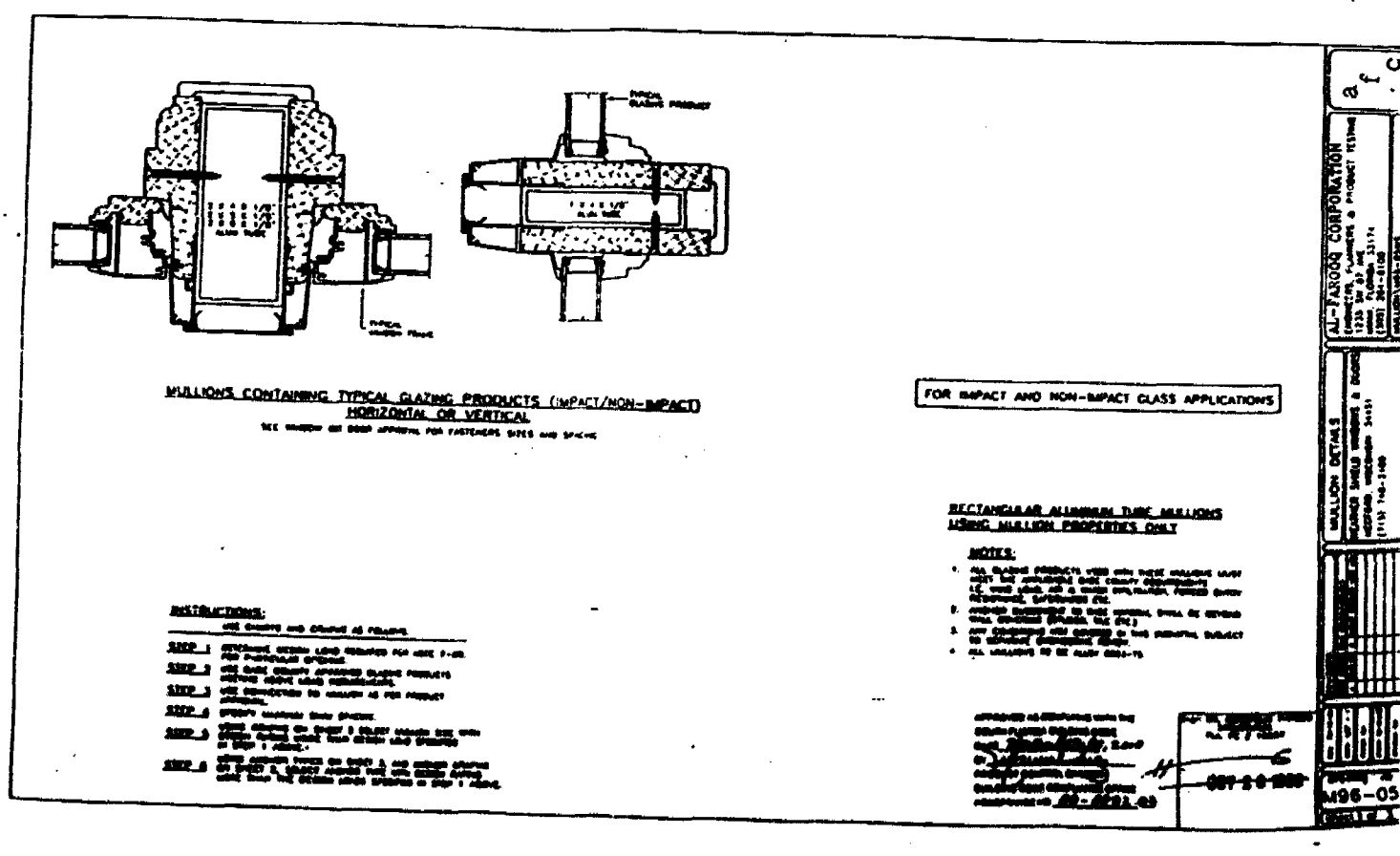
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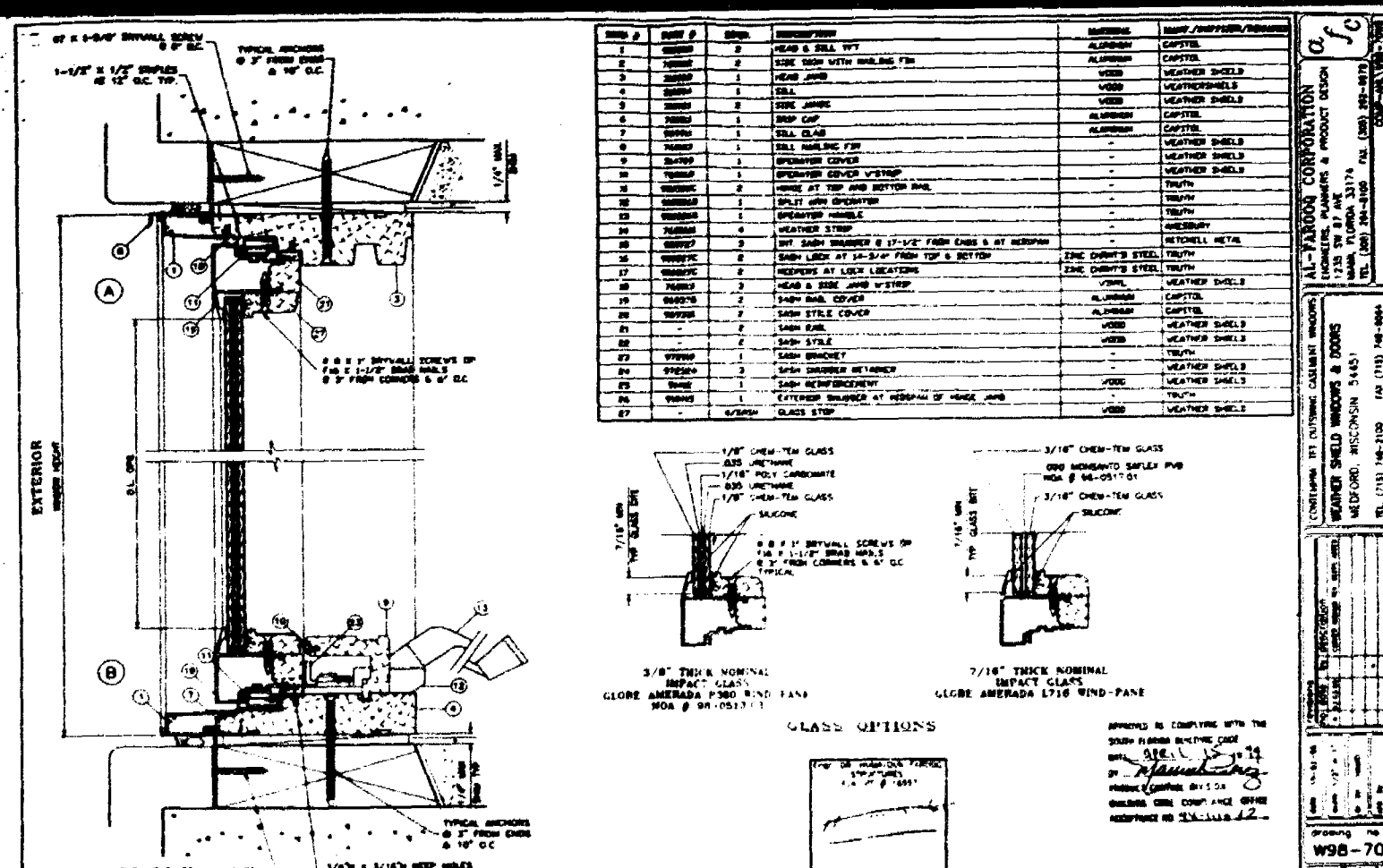
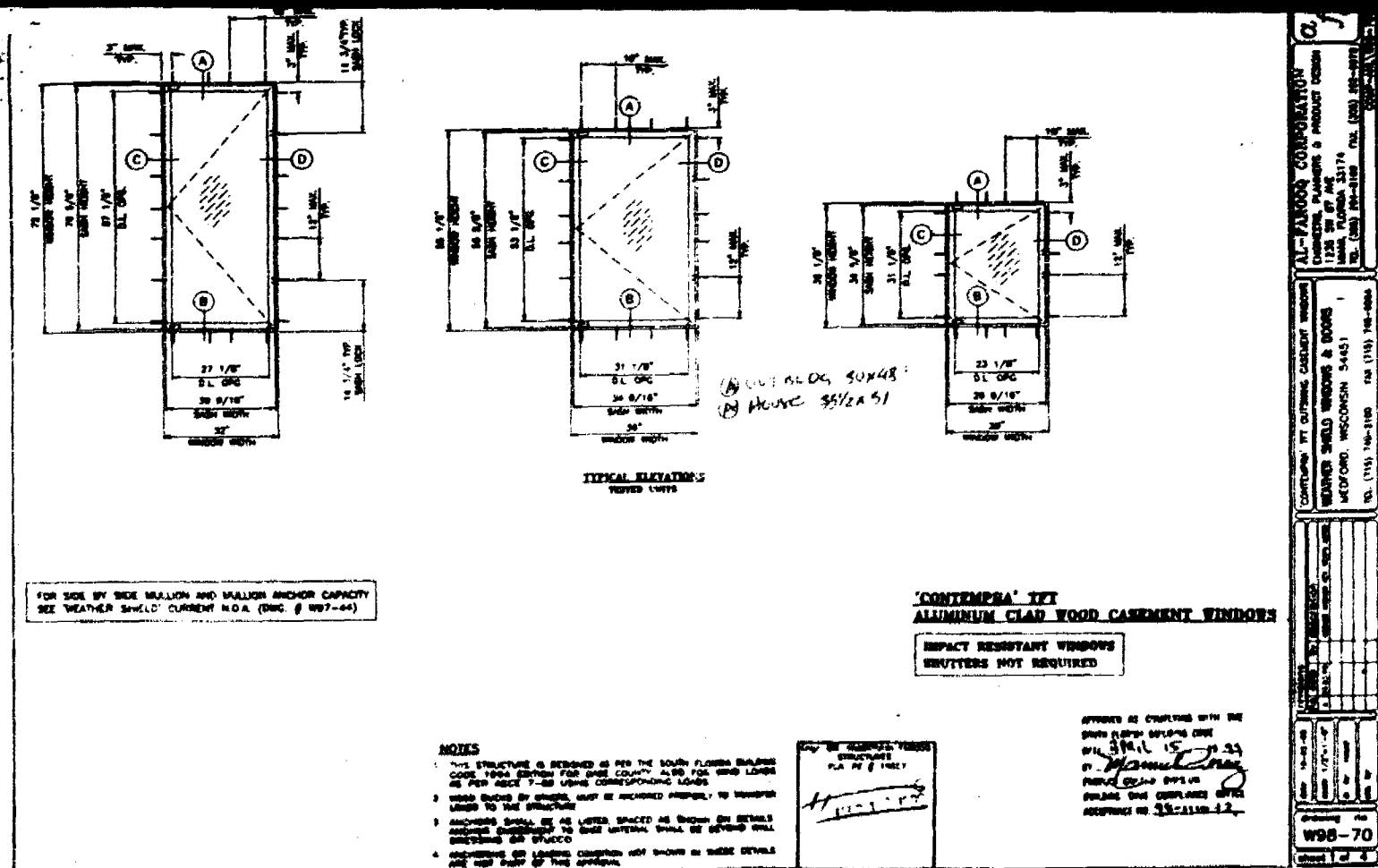


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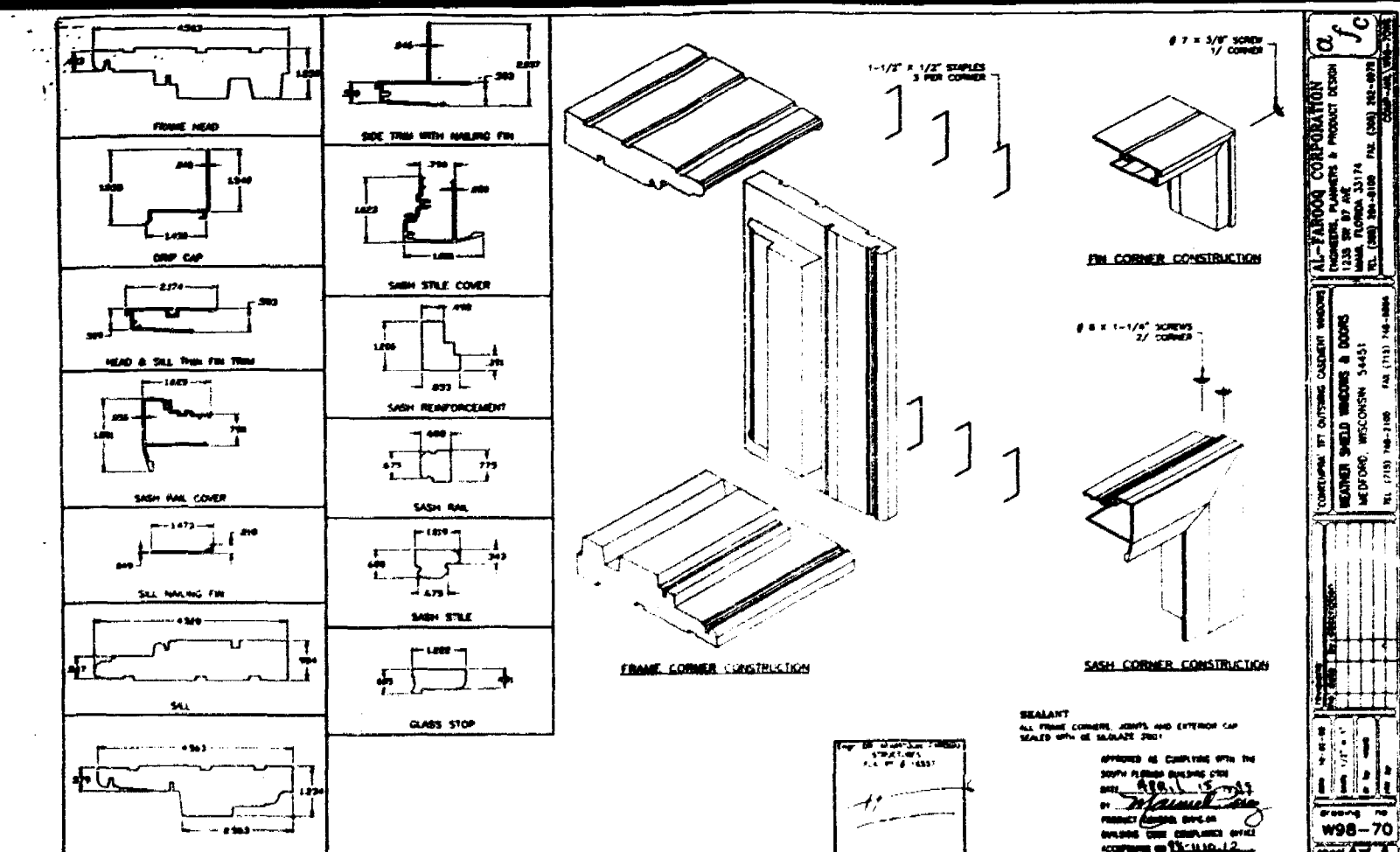
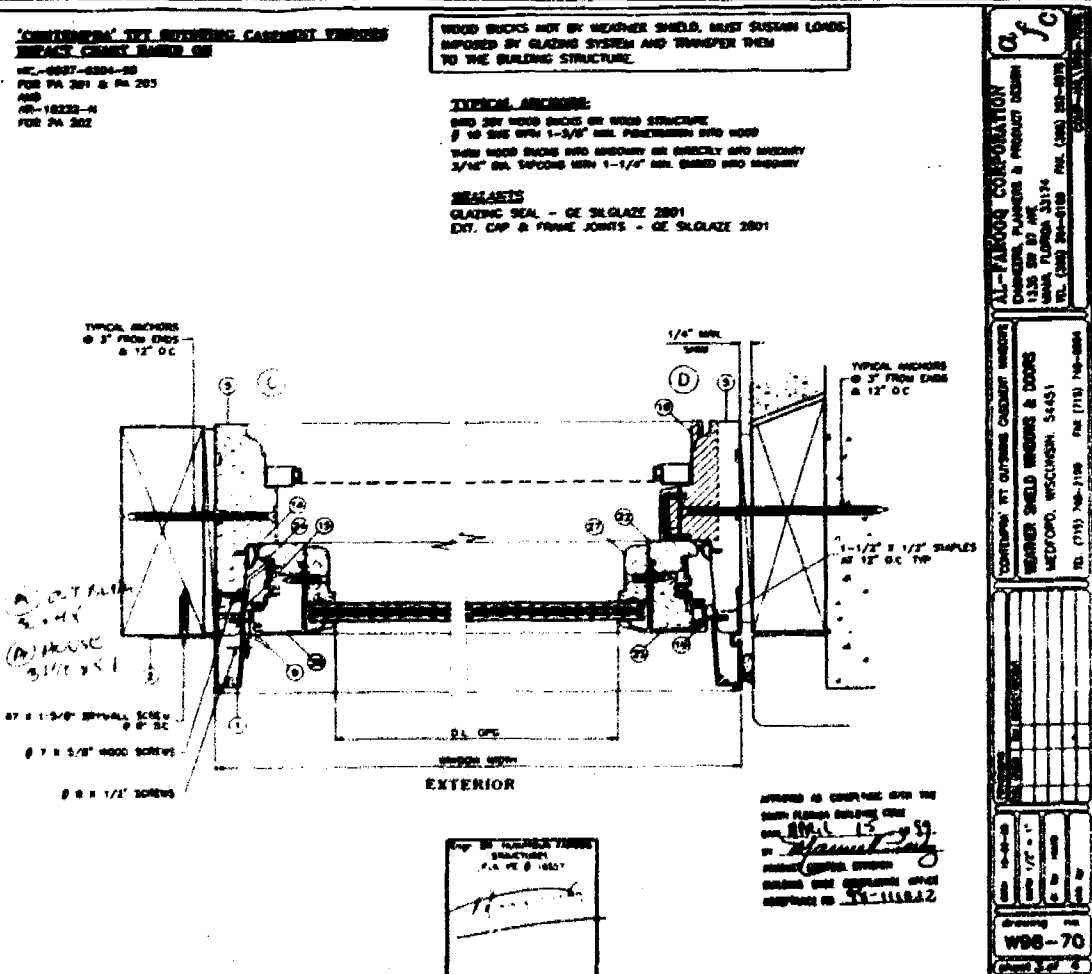


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| SIZES AND CAPACITY - 200 |               |            |             |
|--------------------------|---------------|------------|-------------|
| WIND SPEED               | WIND PRESSURE | WIND FORCE | WIND MOMENT |
| 10                       | 0.00          | 0.00       | 0.00        |
| 20                       | 0.00          | 0.00       | 0.00        |
| 30                       | 0.00          | 0.00       | 0.00        |
| 40                       | 0.00          | 0.00       | 0.00        |
| 50                       | 0.00          | 0.00       | 0.00        |
| 60                       | 0.00          | 0.00       | 0.00        |
| 70                       | 0.00          | 0.00       | 0.00        |
| 80                       | 0.00          | 0.00       | 0.00        |
| 90                       | 0.00          | 0.00       | 0.00        |
| 100                      | 0.00          | 0.00       | 0.00        |
| 110                      | 0.00          | 0.00       | 0.00        |
| 120                      | 0.00          | 0.00       | 0.00        |
| 130                      | 0.00          | 0.00       | 0.00        |
| 140                      | 0.00          | 0.00       | 0.00        |
| 150                      | 0.00          | 0.00       | 0.00        |
| 160                      | 0.00          | 0.00       | 0.00        |
| 170                      | 0.00          | 0.00       | 0.00        |
| 180                      | 0.00          | 0.00       | 0.00        |
| 190                      | 0.00          | 0.00       | 0.00        |
| 200                      | 0.00          | 0.00       | 0.00        |



02

# **PRODUCT CONTROL NOTICE OF ACCEPTANCE**

Weather Shield Manufacturing, Inc.  
1 Weather Shield Plaza  
Medford NJ 07645

MIAMI DADE COUNTY, FLORIDA  
METRO DASH FLAGLER BUILDING  
BUILDING CODE COMPLIANCE OFFICE  
METRO DASH FLAGLER BUILDING  
100 WEST FLAGLER STREET, SUITE 100  
MIAMI, FLORIDA 33130-1000  
(305) 375-2517 FAX (305) 375-2518

CONTRACTOR EMPLOYMENT SECTION  
(305) 375-2518 FAX (305) 375-2518

PRODUCT CONTROL DIVISION  
(305) 375-2518 FAX (305) 375-2518

Your application for Product Approval of  
**Contemporary TIT Outswing Aluminum Clad Wood Casement Window - Impact Resistant**  
under Chapter 5 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of  
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this  
product or material at anytime from a phone or manufacturer's plans for quality control testing.  
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend  
the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is  
determined BCCO that this product or material fails to meet the requirements of the South Florida Building  
Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No: **98-1118.12**  
Expires: **04/15/2002**

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code  
and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

**City of Miami Beach  
Building Department  
(Metro Dash)  
OFFICE COPY**

Approved: **5/15/98** **5/22/98**

Approved: **5/15/98** **5/22/98**

Weather Shield Manufacturing, Inc.  
ACCEPTANCE No: **98-1118.12**  
APPROVED: **APR 15 1999**  
EXPIRES: **APR 15 2002**

## **NOTICE OF ACCEPTANCE - STANDARD CONDITIONS**

- SCOPE**
  - It approves an outswing aluminum clad wood casement window as described in Section 2 of the  
Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition as  
Miami-Dade County, for the locations where the product requirements, as determined by SFB  
Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.
- PRODUCT DESCRIPTION**
  - The "Contemporary TIT Outswing Aluminum Clad Wood Casement Window - Impact  
Resistant" and its components shall be constructed in strict compliance with the following  
documents: Drawing No. WWS-78, titled "Contemporary TIT Outswing Casement Windows  
prepared by Al Farney Corporation, dated October 2, 1998, revised on 03/03/99, Sheets 1 through  
of 4, bearing the Miami-Dade County Product Control Approval stamp, with the Notice  
Acceptance number and approval date by the Miami-Dade County Product Control Division. The  
documents shall hereinafter be referred to as the approved drawings.
- LIMITATIONS**
  - This approval applies to single unit applications, side-by-side applications and top-and-bottom  
applications, as shown in the approved drawings.
- INSTALLATION**
  - The aluminum clad wood casement window and its components shall be installed in strict  
compliance with the approved drawings.
  - The installation of this product shall not require a hurricane protection system.
- LABELING**
  - Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and  
following statement: "Miami-Dade County Product Control Approved".
- BUILDING PERMIT REQUIREMENTS**
  - Application for building permit shall be accompanied by copies of the following:
    - This Notice of Acceptance
    - Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of  
Acceptance, clearly marked to show the components selected for the proposed installation.
    - Any other documents required by the Building Official or the South Florida Building Code  
(SFB) in order to properly evaluate the installation of this system.

2 of 3

Weather Shield Manufacturing, Inc.  
ACCEPTANCE No: **98-1118.12**  
APPROVED: **APR 15 1999**  
EXPIRES: **APR 15 2002**

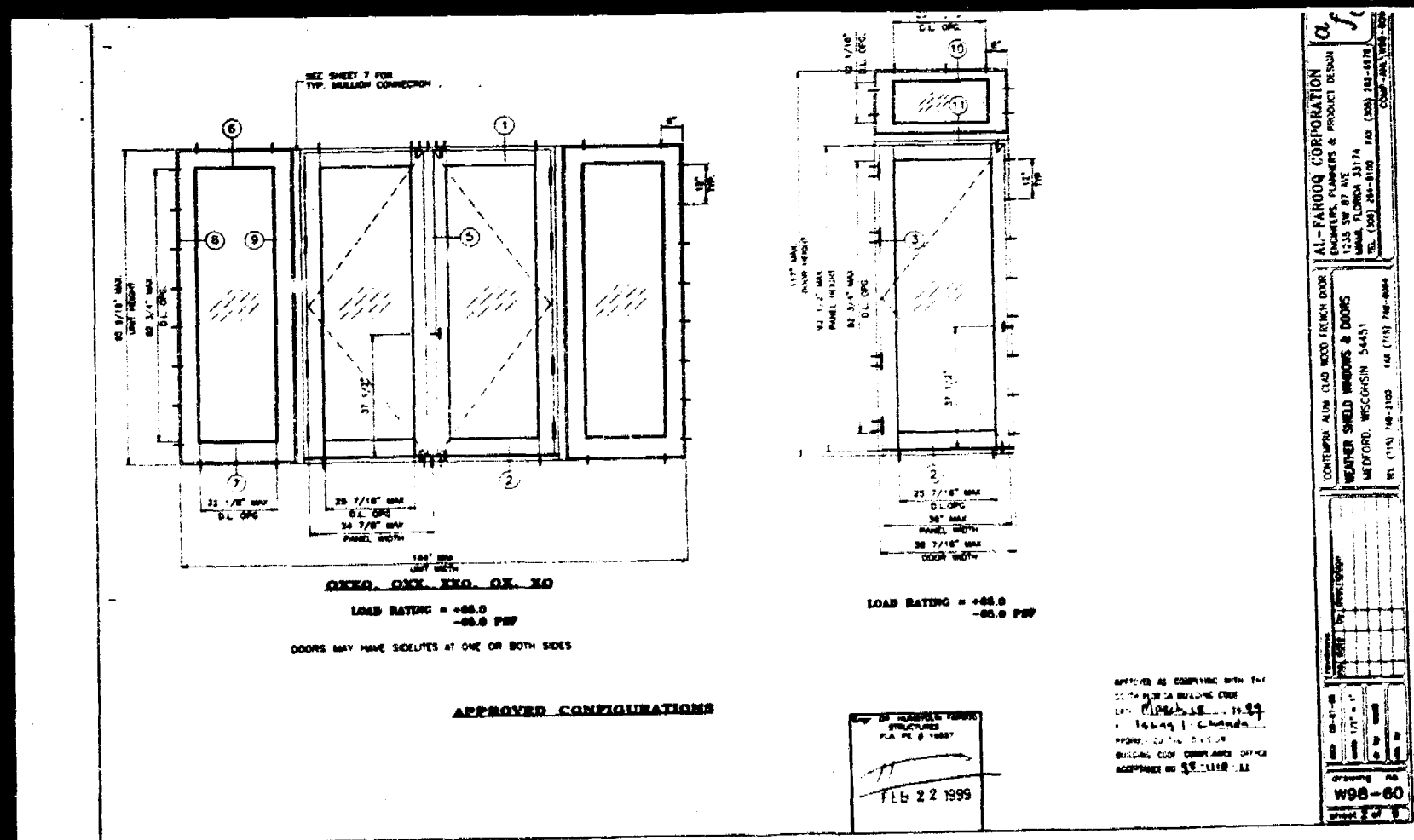
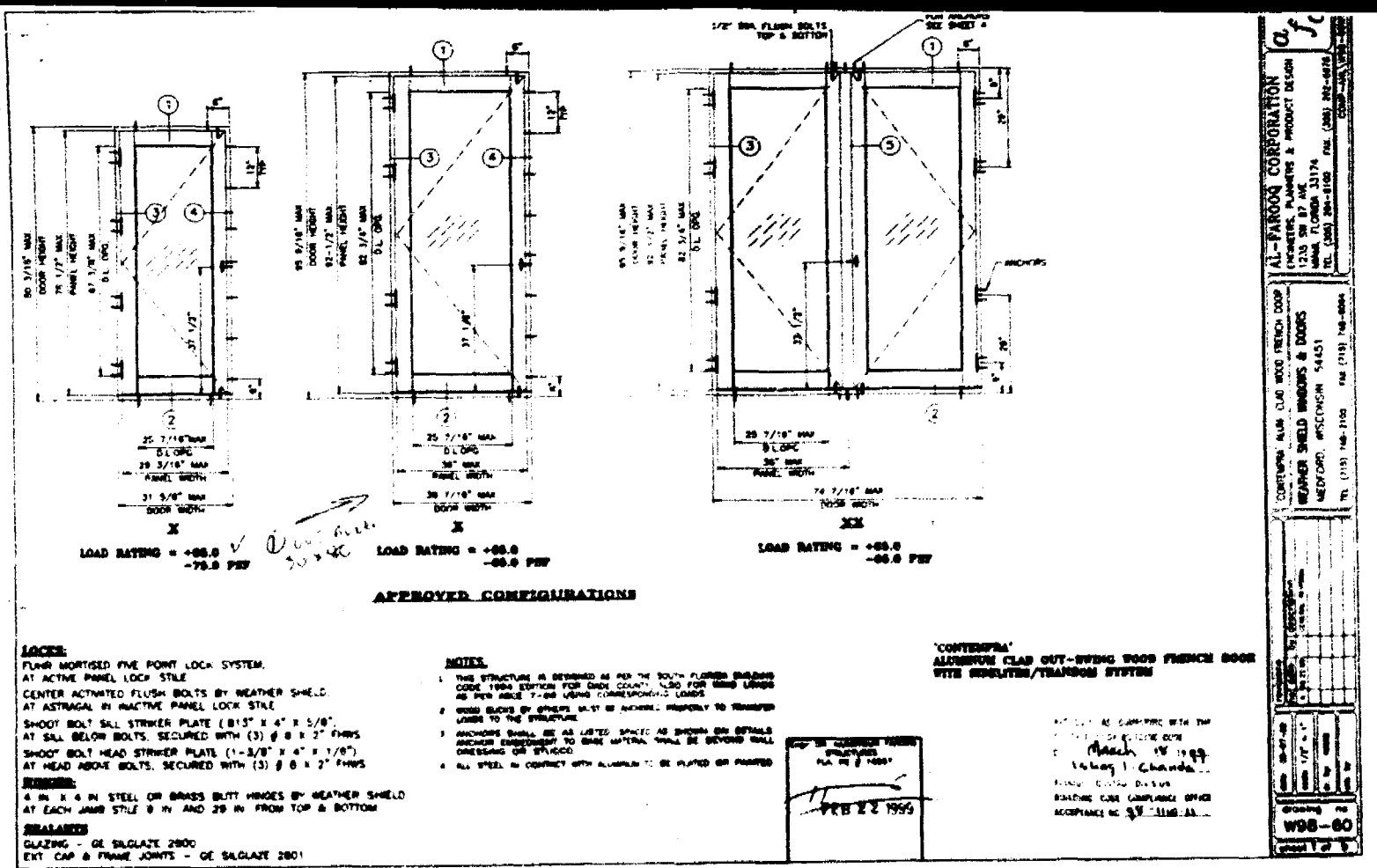
## **NOTICE OF ACCEPTANCE - STANDARD CONDITIONS**

- Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the  
original submitted documents, including test-supporting data, engineering documents, are no older than eight  
(8) years.
- Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the  
following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the  
specific conditions of this Acceptance.
- Renewals of Acceptance will not be considered if:
  - There has been a change in the South Florida Building Code affecting the evaluation of this product,  
and the product is not in compliance with the code changes.
  - The product is no longer the same product (identical) as the one originally approved.
  - If the Acceptance holder has not complied with all the requirements of this acceptance, including the  
correct installation of the product.
  - The engineer who originally prepared, signed and sealed the required documentation initially  
submitted, is no longer practicing his engineering profession.
- Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically  
be cause for termination of this Acceptance, unless prior written approval has been requested (through the  
filing of a revision application with appropriate fee) and granted by this office.
- Any of the following shall also be grounds for removal of this Acceptance:
  - Unsatisfactory performance of the product or process.
  - Misuse of this Acceptance as an endorsement of any product, for sale, advertising or any other  
purpose.
- The Notice of Acceptance number preceded by the words "Miami-Dade County, Florida, and followed by the  
expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is  
displayed, then it shall be done in its entirety.
- A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be  
provided to the user by the manufacturer or its distributors and shall be available for inspection in the job area  
at all times. The engineer must not conceal the copies.
- Failure to comply with any section of this Acceptance shall be cause for termination and removal of  
Acceptance.
- This Notice of Acceptance consists of pages 1, 2 and this last page.

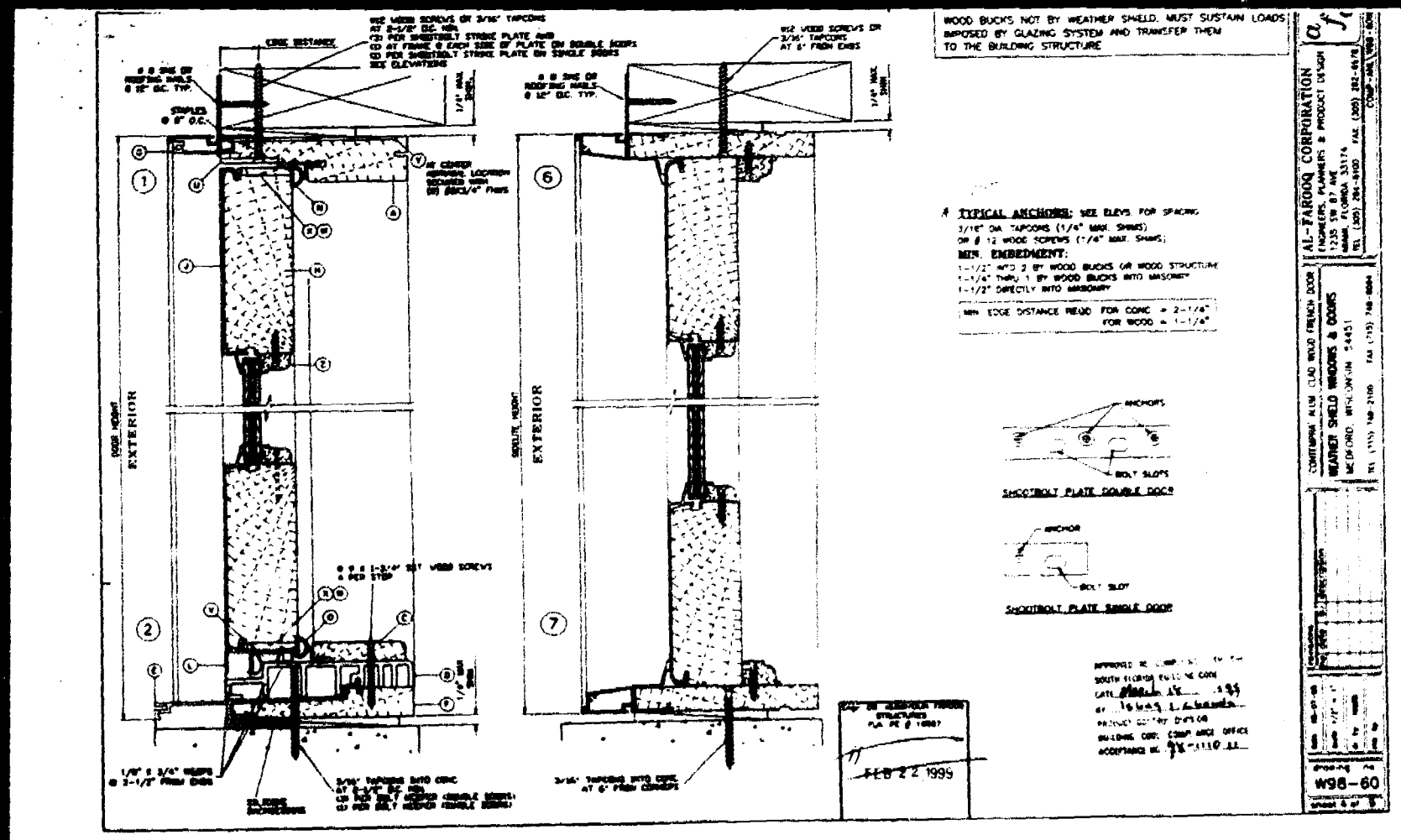
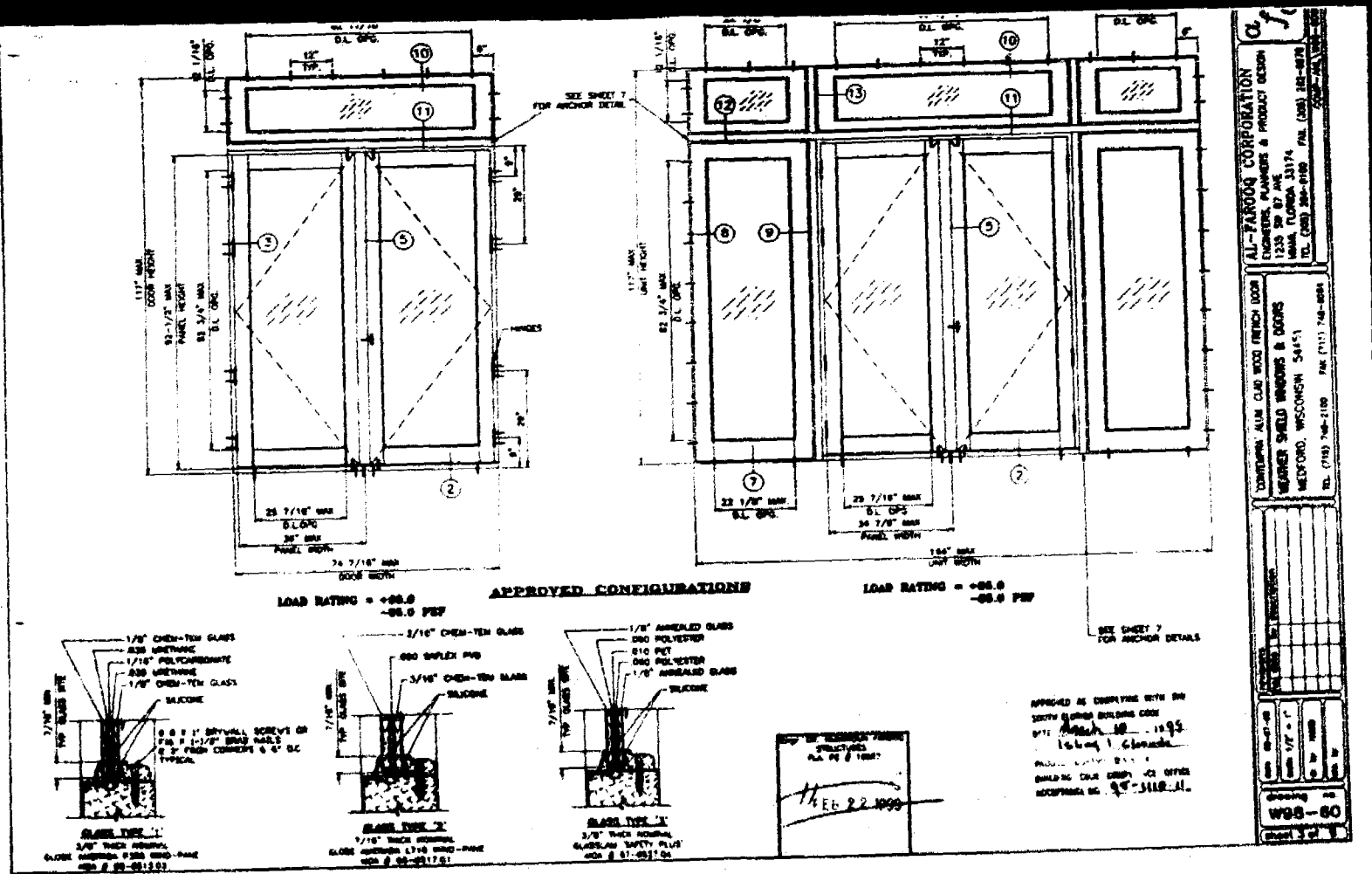
END OF THIS ACCEPTANCE

3 of 3

02



02











98-1110-11

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE PLASTER BUILDING  
BUILDING CODE COMPLIANCE OFFICE  
METRO-DADE PLASTER BUILDING  
140 WEST FLAGLER STREET, SUITE 1401  
MIAMI, FLORIDA 33139-1341  
(305) 375-2000 FAX (305) 375-2000

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

Weather Shield Manufacturing, Inc.  
1 Weather Shield Plaza  
Medford WI 54451

CONTRACTOR LICENSING SECTION  
(305) 375-2227 FAX (305) 375-2234

CONTRACTOR LICENSING SECTION  
(305) 375-2000 FAX (305) 375-2000  
PRODUCT CONTROL DIVISION  
(305) 375-2000 FAX (305) 375-2000

Your application for Product Approval of  
*Series Alum. Clad Outswing Wood French Door w/ Sidelites & Transoms-Impact*  
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of  
Construction, and Components described herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this  
product or material at anytime from a job site or manufacturer's plant for quality control testing.  
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend  
the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is  
determined BCCO that this product or material fails to meet the requirements of the South Florida Building  
Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 98-1110-11

Expires: 03/08/2002

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code  
and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

City of Miami Beach  
Building Department  
Shutter Permit  
OFFICE COPY

Approved: 3/18/1999

| Review Type | Initials | Date    |
|-------------|----------|---------|
| Building    | STS      | 3/18/99 |
| Zoning      |          |         |

*Iskay I. Chanda*  
Iskay I. Chanda, P.E.  
Director  
Miami-Dade County  
Building Code Compliance Office

98-1110-11

Weather Shield Manufacturing, Inc.

ACCEPTANCE No.: 98-1110-11  
APPROVED: MAR 18 1999  
EXPIRES: MAR 18 2002

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

- SCOPE**  
1.1 This approves an aluminum clad outswing wood door, as described in Section 2 of this Notice of  
Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-  
Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter  
21, do not exceed the Design Pressure Rating values indicated in the approved drawings.
- PRODUCT DESCRIPTION**  
2.1 The Aluminum Clad Outswing Wood French Door w/ Sidelites & Transoms-Impact Resistant  
and its components shall be constructed in strict compliance with the following documents:  
Drawing No. W98-04, titled "Consensus Alum. Clad Wood French Door" prepared by Al-Farooq  
Corporation, dated 08-07-98 and revised on 02-22-99, Sheets 1 through 9, signed and sealed by  
Dr. Humayoun Farooq, P.E., having the Miami-Dade County Product Control Approval stamp with  
the Notice of Acceptance number and approval date by the Miami-Dade County Product Control  
Division. These documents shall hereinafter be referred to as the approved drawing.
- LIMITATIONS**  
3.1 This approval applies to single unit applications of pair of doors and single door with & without  
sidelites and/or transoms only, as shown in approved drawings. Single door units shall include all  
components described in the active leaf of this approval.
- INSTALLATION**  
4.1 The wood swing door, sidelites & transoms and its components shall be installed in strict  
compliance with the approved drawings.  
4.2 Hurricane protection system (shutters) the installation of this unit will not require a hurricane  
protection system.
- LABELING**  
5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and  
following statement: "Miami-Dade County Product Control Approved".
- BUILDING PERMIT REQUIREMENTS**  
6.1 Application for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance.  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of  
Acceptance, clearly marked to show the components selected for the proposed installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building Code  
(SFBC) in order to properly evaluate the installation of this system.

*Iskay I. Chanda*  
Iskay I. Chanda, P.E., Product Control Examiner  
Product Control Division

Page 2 of 3

Weather Shield Manufacturing, Inc.

ACCEPTANCE No.: 98-1110-11  
APPROVED: MAR 18 1999  
EXPIRES: MAR 18 2002

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

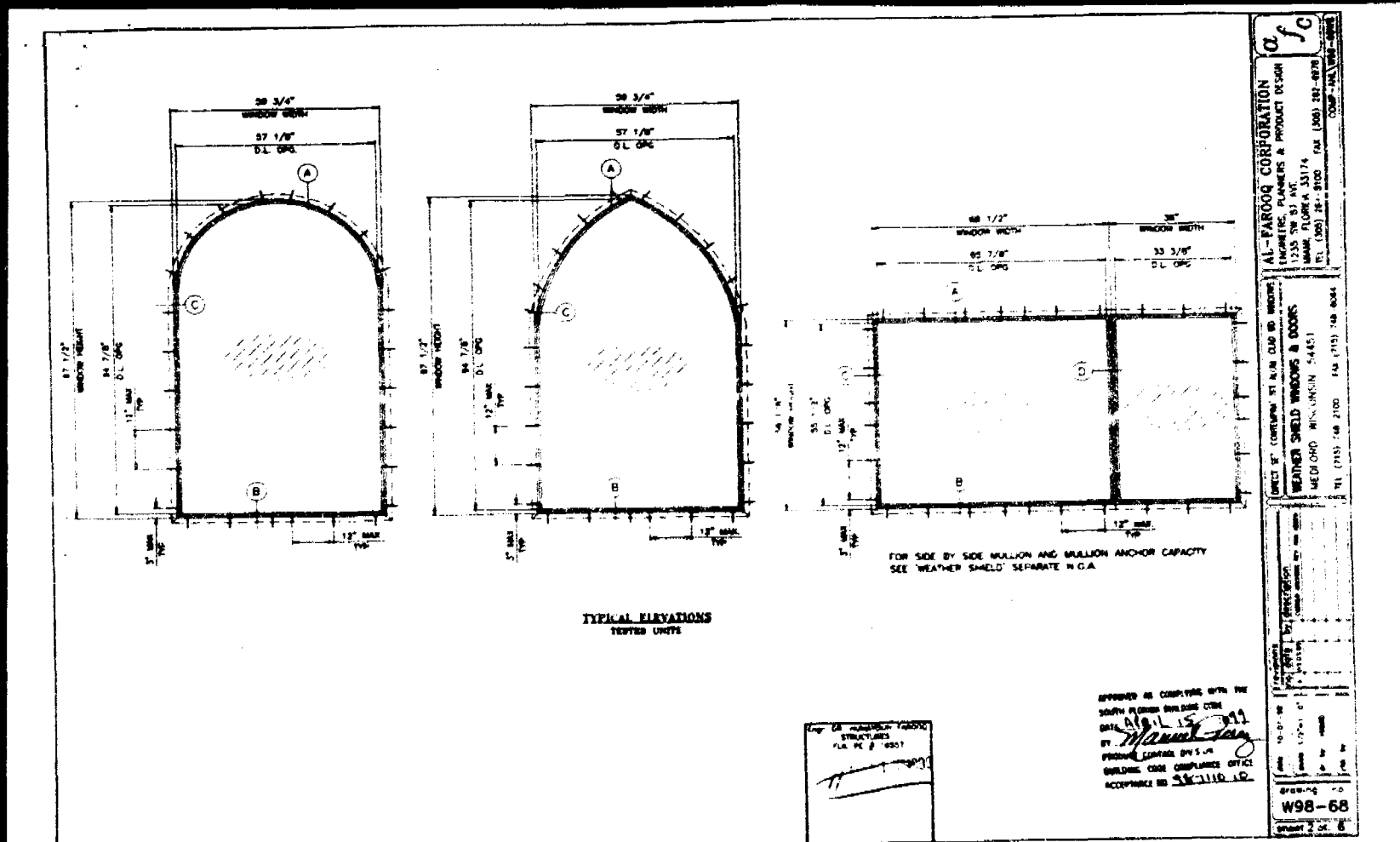
- Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the  
original submitted documents, including the supporting data, engineering documents, and no older than eight  
(8) years.
- Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the  
following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the  
specific conditions of this Acceptance.
- Renewal of Acceptance will not be considered if:  
a. There has been a change in the South Florida Building Code affecting the evaluation of this product  
and the product is not in compliance with the code changes.  
b. The product is no longer the same product/identical as the one originally approved.  
c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the  
correct installation of the product.  
d. The engineer who originally prepared, signed and sealed the required documentation, initially  
submitted, is no longer practicing the engineering profession.
- Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically  
be cause for termination of this Acceptance unless prior written approval has been requested through the  
filing of a revision application with appropriate fee and granted by this office.
- Any of the following shall also be grounds for removal of this Acceptance:  
a. Unsatisfactory performance of this product or process.  
b. Misuse of this Acceptance as an endorsement of any product for sales, advertising, or any other  
purpose.
- The Notice of Acceptance number provided by the words Miami-Dade County, Florida, and followed by the  
expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is  
displayed, then it shall be done in its entirety.
- A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be  
provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site  
at all time. The engineer need not retain the copies.
- Failure to comply with any section of this Acceptance shall be cause for termination and removal of  
Acceptance.
- This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

*Iskay I. Chanda*  
Iskay I. Chanda, P.E., Product Control Examiner  
Product Control Division

Page 3 of 3

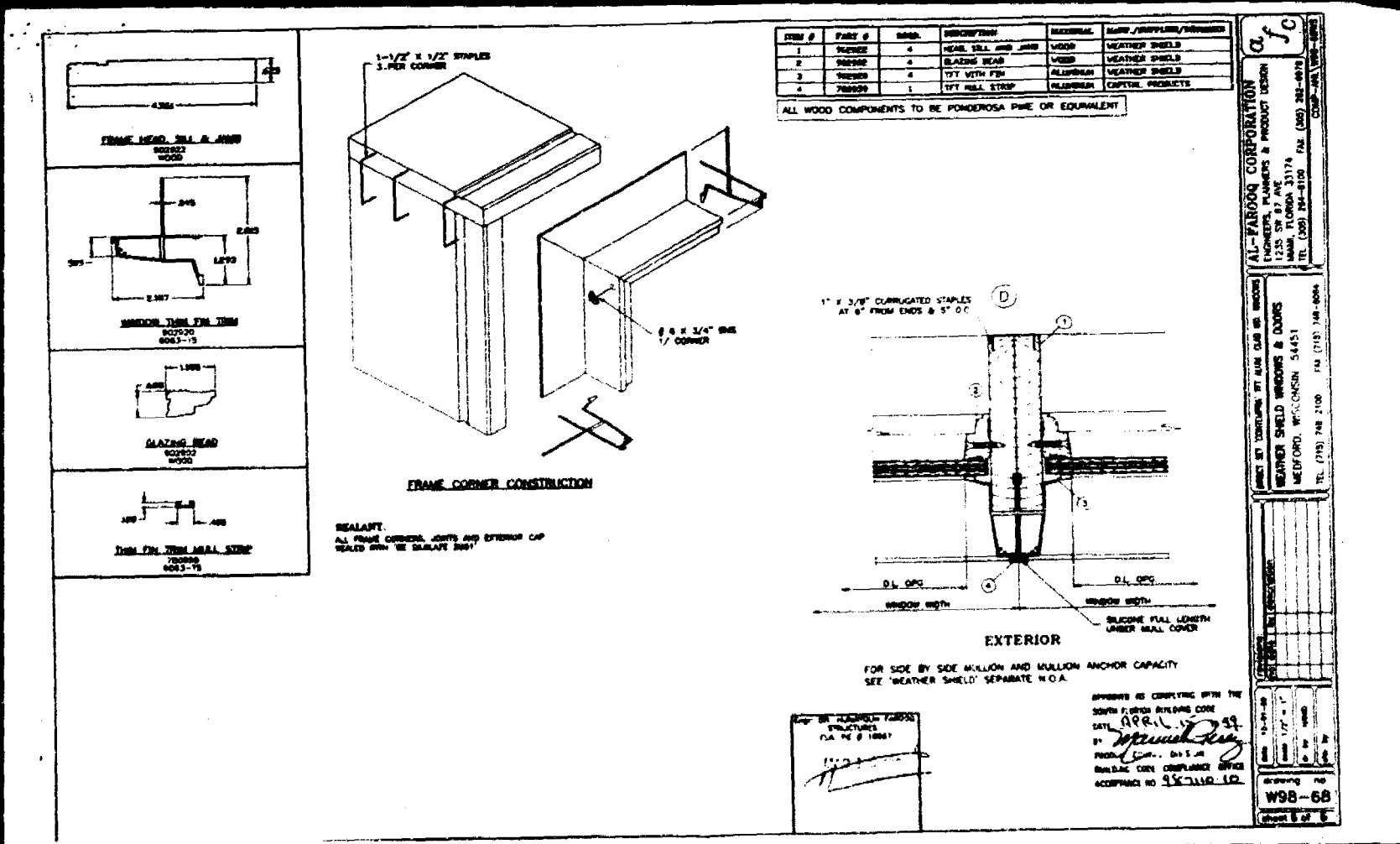
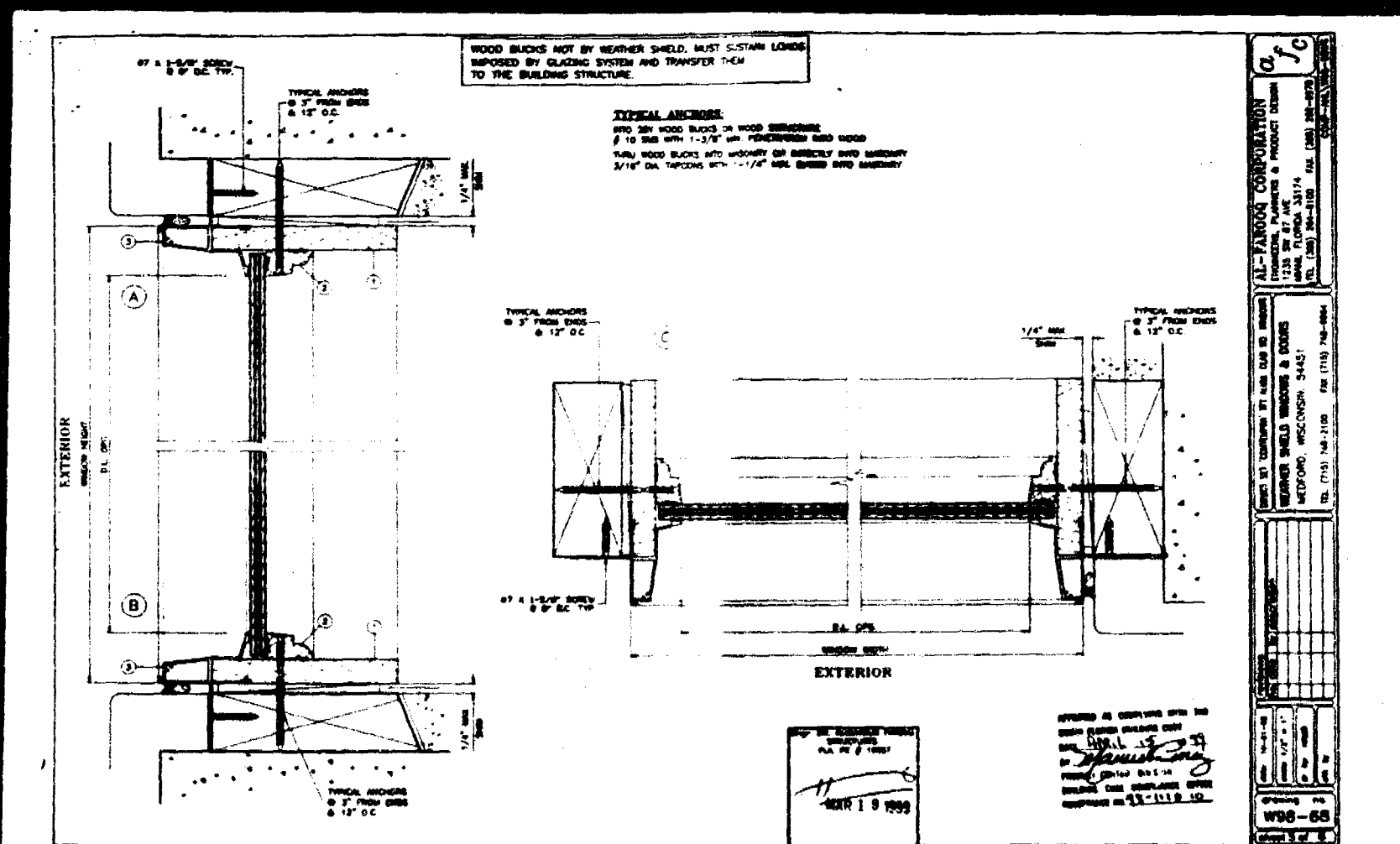
02



02







95-1110-10

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

Weather Shield Manufacturing, Inc.  
1 Weather Shield Plaza  
Medford WI 54451

MIAMI-DADE COUNTY, FLORIDA  
METRO DADE FLAGLER BUILDING  
BUILDING CODE COMPLIANCE OFFICE  
401 TWO FLAGLER BUILDING  
140 W 45TH PLAZA STREET, SUITE 1401  
MIAMI, FLORIDA 33136-1501  
(305) 375-2901 FAX: (305) 375-2908

CONTRACTOR LICENSING SECTION  
3001 375-2517 FAX: (305) 375-2519

CONTRACT ENFORCEMENT SECTION  
1801 375-2908 FAX: (305) 375-2908  
PROPERTY CONTROL DIVISION  
1801 375-2902 FAX: (305) 375-4339

Your application for Product Approval of  
*Direct Set "Contempra" TFT Alum. Clad Wood Fixed Window - Impact Resistant*  
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of  
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade  
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this  
product or material at anytime from a jobsite or manufacturer's plant for quality control testing.  
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend  
the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is  
determined BCCO that this product or material fails to meet the requirements of the South Florida Building  
Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 95-1110-10  
Expires: 04/15/2002

**THIS IS THE COVERSHEET. SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS**  
**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code  
and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

**City of Miami Beach  
Building Department  
Shutter Permit  
OFFICE COPY**

Approved: 04/15/2002

| Type     | Initials | Date    |
|----------|----------|---------|
| Building | SYS      | 11/1/00 |
| Zoning   |          |         |

6000 7157

**Director**  
Quinn, R. A.  
Diverse  
Miami-Dade County  
Building Code Compliance Office

2 of 3

Weather Shield Manufacturing, Inc.

ACCEPTANCE No.: 95-1110-10  
APPROVED: APR 15 1999  
EXPIRES: APR 15 2002

**NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS**

1. **SCOPE**  
It approves an aluminum clad wood fixed window, as described in Section 2 of this Notice of  
Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-  
Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter  
23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. **PRODUCT DESCRIPTION**  
The Direct Set "Contempra" TFT Aluminum Clad Wood Fixed Window - Impact Resistant  
and its components shall be constructed in strict compliance with the following documents:  
Drawing No. W98-48, titled "Direct Set 'Contempra' TFT Alum. Clad Wood Windows," prepared  
by Al-Farooq Corporation, dated 10/01/98, revised on 01/03/99, Sheets 1 through 6 of 6, bearing the  
Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and  
approval date by the Miami-Dade County Product Control Division. These documents shall  
hereinafter be referred to as the approved drawings.

3. **LIMITATIONS**  
This approval applies to single unit applications, side-by-side applications and top-and-bottom  
applications, as shown in the approved drawings.

4. **INSTALLATION**  
4.1 The aluminum clad wood fixed window and its components shall be installed in strict  
compliance with the approved drawings.  
4.2 The installation of this product shall comply with a hurricane protection system.

5. **LABELING**  
Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and  
following statement: "Miami-Dade County Product Control Approved".

6. **BUILDING PERMIT REQUIREMENTS**  
6.1 Application for building permit shall be accompanied by copies of the following:  
6.1.1 This Notice of Acceptance.  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of  
Acceptance, clearly marked to show the components selected for the proposed  
installation.  
6.1.3 Any other documents required by the Building Official or the South Florida Building  
Code (SFBC) in order to properly evaluate the installation of this system.

**Manuel Perez, P.E., Product Control Examiner**  
Product Control Division

2 of 3

Weather Shield Manufacturing, Inc.

ACCEPTANCE No.: 95-1110-10  
APPROVED: APR 15 1999  
EXPIRES: APR 15 2002

**NOTICE OF ACCEPTANCE - STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the  
original submitted documents, including test-supporting data, engineering documents, are no older than eight  
(8) years.

2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the  
following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the  
specific conditions of this Acceptance.

3. Renewals of Acceptance will not be considered if:  
a. There has been a change in the South Florida Building Code affecting the evaluation of this product  
and the product is not in compliance with the code changes.  
b. The product is no longer the same product (identical) as the one originally approved.  
c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the  
correct installation of the product.  
d. The engineer who originally prepared, signed and sealed the required documentation is not  
substantially, is no longer practicing the engineering profession.

4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically  
be cause for termination of this Acceptance, unless prior written approval has been requested (through the  
filing of a revision application with appropriate fee) and granted by this office.

5. Any of the following shall also be grounds for removal of this Acceptance:  
a. Unsatisfactory performance of this product or process.  
b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other  
purpose.

6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the  
expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is  
displayed, then it shall be done in its entirety.

7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be  
provided to the user by the manufacturer or its distributor and shall be available for inspection at the job site  
at all times. The engineer need not retain the copies.

8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of  
Acceptance.

9. This Notice of Acceptance consists of pages 1, 2 and this last page.

**END OF THIS ACCEPTANCE**

**Manuel Perez, P.E., Product Control Examiner**  
Product Control Division

3 of 3

02



**S&P ARCHITECTURAL PRODUCTS**  
954-968-3701  
954-968-9993

**PACIFIC RIM TRANSMITTAL SHEET**

TO: Don Pineda FROM: Raquel Lopez  
DATE: 4/10/2000  
COMPANY: Don Pineda Industrial Holdings  
PROJECT: 275-2541-8306 or 275-2541-8307  
PHONE: 954-508-2807 CC: Bob Wade  
LOCATION: Don Pineda - 94 Palm Ave - Shop drawing

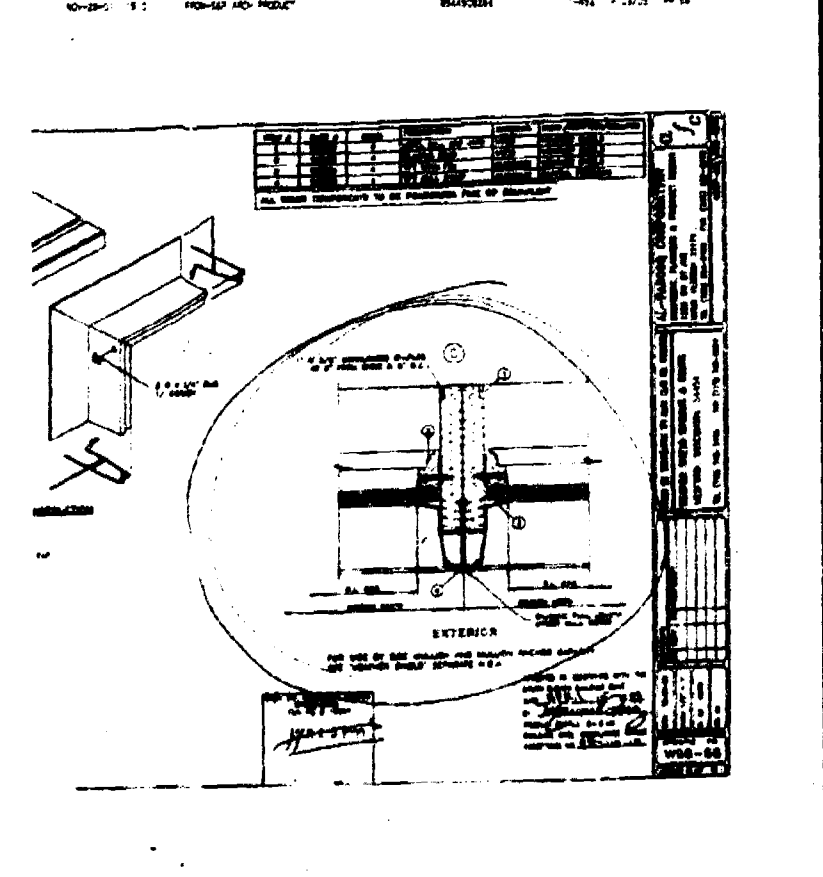
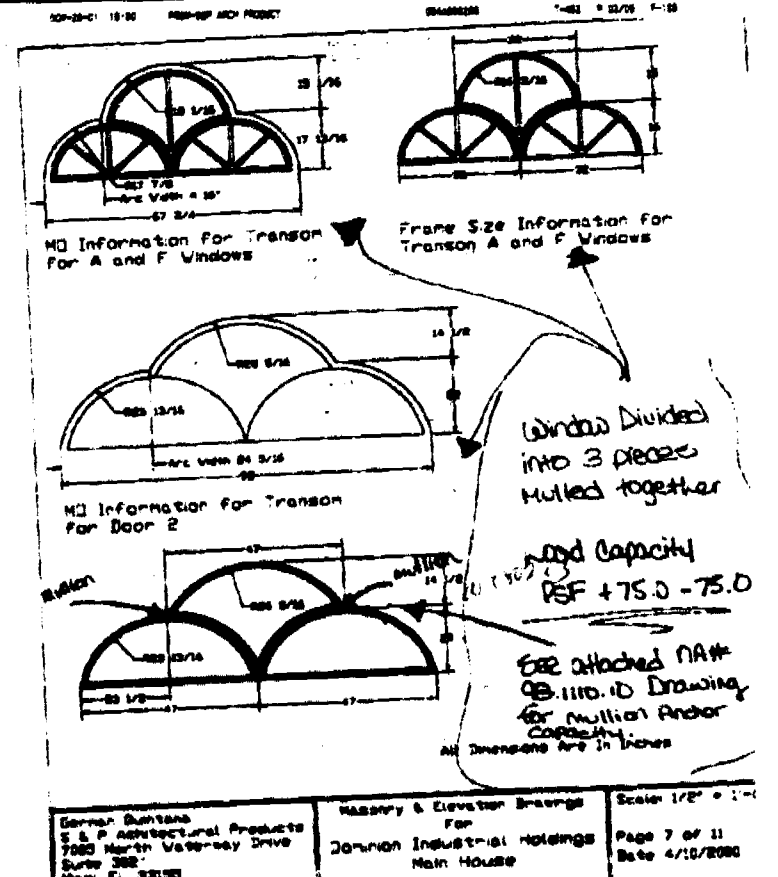
CURRENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS

Note:  
Please find attached the shop drawing of Mullion  
and/or capacity drawing from N.A.# 98.1110.10  
for the Arched transoms above the doors. Please  
submit these pages to the city - hopefully this  
will help them in approving you for permit.  
Let me know if this works out or not!

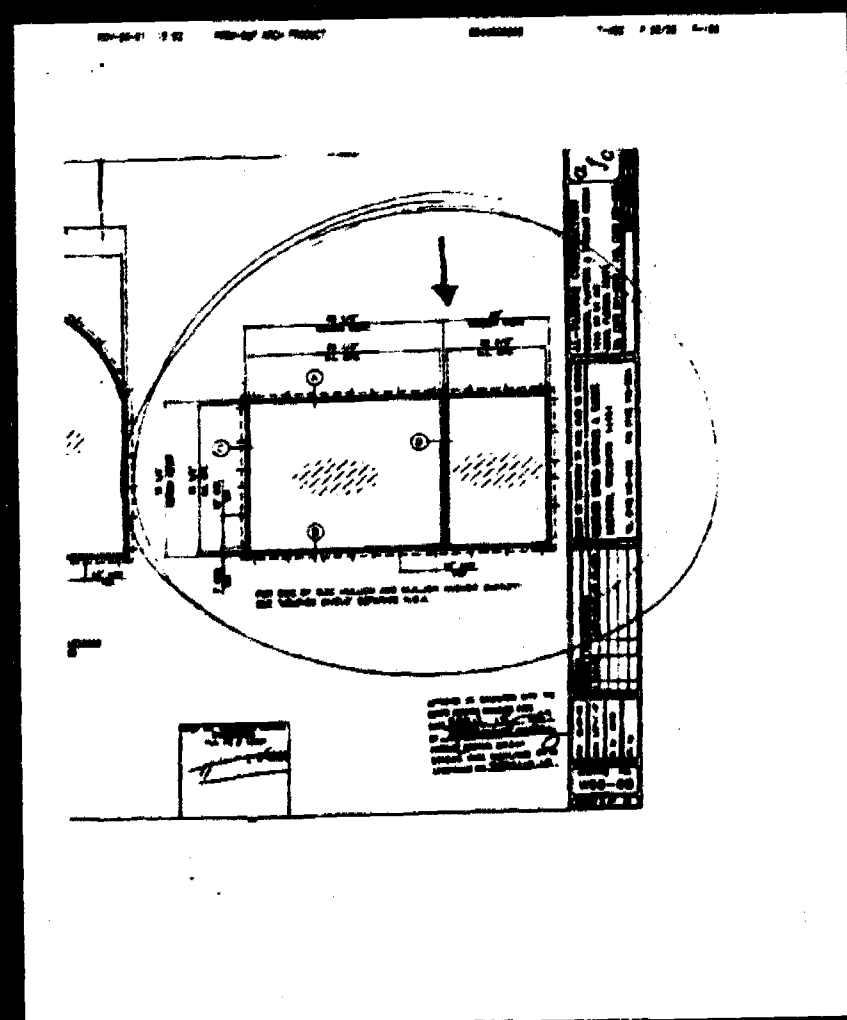
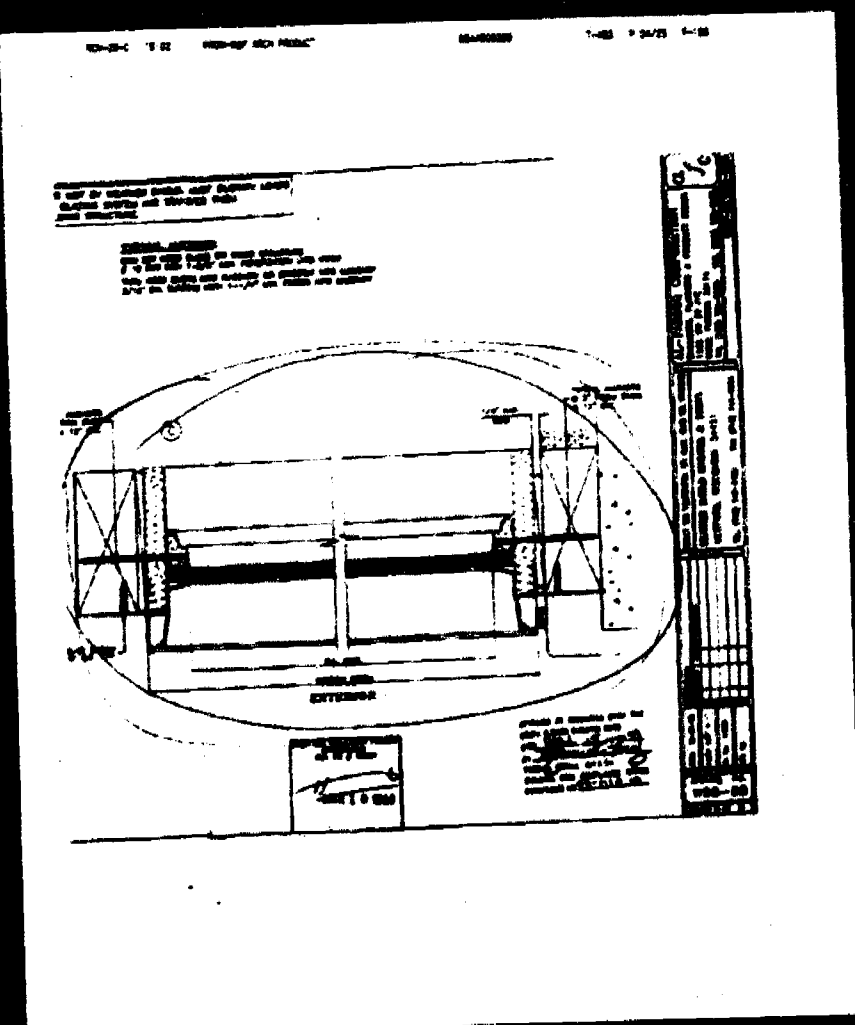
Good Luck,  
Raquel  
S&P Architectural

1731 BLOUNT ROAD  
POMAPANO BEACH, FLORIDA 33069



02





COMBINED ENGINEERING SCIENCES  
CONSULTING ENGINEERS

JOB  
SHEET NO.  
CALCULATED BY

Window Wind pressures  
94 Palm Ave.

11-26-01

02

NOVALINE, INC.  
255 UNIVERSITY DR. CORAL GABLES, FL 33134 (305)445-6988  
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida  
DATE: 11-27-2001

\*\*\* DESIGN WIND LOADS - ASCE 7-92 \*\*\*  
\*\*\* COMPONENTS AND CLADDING \*\*\*  
BUILDINGS

WIND VELOCITY = 110 MPH  
PRESSURE CATEGORY = C  
WINDING CATEGORY = 1  
IMPORTANCE FACTOR = 1.05  
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

WIND DIRECTION = 4.50 : 12 (20.56 DEG)  
TYPICAL AREA = 21.0 FT<sup>2</sup> K<sub>d</sub> = 1.045 q<sub>h</sub> = 35.7 PSF  
WIND ROOF HEIGHT = 18.0 FT K<sub>z</sub> = 1.003 q<sub>z</sub> = 34.3 PSF  
DISTANCE, Z = 33.0 FT

| WALL WIND LOADS |        |        |
|-----------------|--------|--------|
| WALL AREA       |        |        |
|                 | 4      | 5      |
| QCP (+)         | 1.328  | 1.328  |
| QCP (-)         | -1.424 | -1.829 |
| PRESSURE (PSF)  | 56.2   | 56.2   |
| SUCTION (PSF)   | -59.7  | -74.2  |

P = q<sub>h</sub>(QCP) - q<sub>h</sub>(QCP1)  
QCP1 = 2.0.25  
BUILDING WIDTH = 45.0 FT  
CORNER DISTANCE, A = 4.5 FT

A

NOVALINE, INC.  
255 UNIVERSITY DR. CORAL GABLES, FL 33134 (305)445-6988  
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida  
DATE: 11-27-2001

\*\*\* DESIGN WIND LOADS - ASCE 7-92 \*\*\*  
\*\*\* COMPONENTS AND CLADDING \*\*\*  
BUILDINGS

WIND VELOCITY = 110 MPH  
PRESSURE CATEGORY = C  
WINDING CATEGORY = 1  
IMPORTANCE FACTOR = 1.05  
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

WIND DIRECTION = 4.50 : 12 (20.56 DEG)  
TYPICAL AREA = 21.0 FT<sup>2</sup> K<sub>d</sub> = 1.045 q<sub>h</sub> = 35.7 PSF  
WIND ROOF HEIGHT = 18.0 FT K<sub>z</sub> = 1.003 q<sub>z</sub> = 34.3 PSF  
DISTANCE, Z = 33.0 FT

| WALL WIND LOADS |        |        |
|-----------------|--------|--------|
| WALL AREA       |        |        |
|                 | 4      | 5      |
| QCP (+)         | 1.281  | 1.281  |
| QCP (-)         | -1.381 | -1.732 |
| PRESSURE (PSF)  | 54.6   | 54.6   |
| SUCTION (PSF)   | -58.2  | -70.7  |

P = q<sub>h</sub>(QCP) - q<sub>h</sub>(QCP1)  
QCP1 = 2.0.25  
BUILDING WIDTH = 45.0 FT  
CORNER DISTANCE, A = 4.5 FT

B

NOVALINE, INC.  
255 UNIVERSITY DR. CORAL GABLES, FL 33134 (305)445-6988  
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida  
DATE: 11-27-2001

\*\*\* DESIGN WIND LOADS - ASCE 7-92 \*\*\*  
\*\*\* COMPONENTS AND CLADDING \*\*\*  
BUILDINGS

WIND VELOCITY = 110 MPH  
PRESSURE CATEGORY = C  
WINDING CATEGORY = 1  
IMPORTANCE FACTOR = 1.05  
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

WIND DIRECTION = 4.50 : 12 (20.56 DEG)  
TYPICAL AREA = 21.0 FT<sup>2</sup> K<sub>d</sub> = 1.045 q<sub>h</sub> = 35.7 PSF  
WIND ROOF HEIGHT = 18.0 FT K<sub>z</sub> = 1.003 q<sub>z</sub> = 34.3 PSF  
DISTANCE, Z = 33.0 FT

| WALL WIND LOADS |        |        |
|-----------------|--------|--------|
| WALL AREA       |        |        |
|                 | 4      | 5      |
| QCP (+)         | 1.280  | 1.280  |
| QCP (-)         | -1.490 | -1.978 |
| PRESSURE (PSF)  | 58.5   | 58.5   |
| SUCTION (PSF)   | -62.1  | -79.5  |

P = q<sub>h</sub>(QCP) - q<sub>h</sub>(QCP1)  
QCP1 = 2.0.25  
BUILDING WIDTH = 45.0 FT  
CORNER DISTANCE, A = 4.5 FT

C

02

BOVALINE, INC.  
250 UNIVERSITY DR. CORAL GABLES, FL 33134 (305)445-0900  
Copyright 1994 by Yoneda Engineering, P.A. Tampa, Florida  
DATE: 11-27-2001

\*\*\* DESIGN WIND LOADS - ASCE 7-92 \*\*\*  
\*\*\* COMPONENTS AND CLADDING \*\*\*  
BUILDINGS

WIND VELOCITY = 110 MPH  
EXPOSURE CATEGORY = C  
WINDING CATEGORY = 1  
WINDING FACTOR = 1.05  
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE  
JOE SLOPE = 4.50 : 12 (20.56 DEG)  
LEAKAGE AREA = 24.0 FT<sup>2</sup> K<sub>L</sub> = 1.045 q<sub>h</sub> = 25.7 PSF  
SUN ROOF HEIGHT = 30.0 FT K<sub>R</sub> = 1.003 q<sub>r</sub> = 24.3 PSF  
STANCH. 2 = 37.0 FT

| WALL WIND LOADS |        |        |
|-----------------|--------|--------|
| WALL AREA       |        |        |
|                 | 4      | 5      |
| OCY (+)         | 1.310  | 1.310  |
| OCY (-)         | -1.410 | -1.799 |
| PRESSURE (PSF)  | 55.7   | 55.7   |
| SUCKION (PSF)   | -59.2  | -73.1  |

P = qb(OCY) - qb(OCPI)  
OCPI = 2.0.25  
BUILDING WIDTH = 45.0 FT  
CORNER DISTANCE, A = 4.5 FT

| WALL WIND LOADS |        |        |
|-----------------|--------|--------|
| WALL AREA       |        |        |
|                 | 4      | 5      |
| OCY (+)         | 1.310  | 1.310  |
| OCY (-)         | -1.410 | -1.799 |
| PRESSURE (PSF)  | 55.7   | 55.7   |
| SUCKION (PSF)   | -59.2  | -73.1  |

# Shell's Construction U.S.A. Inc.

## IS PLEASED TO PRESENT

SHUTTER SHEET  
FOUNDATION & ANCHORS  
REINFORCEMENT

COMMERCIAL GENERAL LIABILITY  
WORKERS COMPENSATION

Office (760) 290-0400 Cell (760) 290-0441  
FAX 905.715.7461  
Email: BREGAL@YAHOO.COM

# Shell's Construction U.S.A. Inc.

## HISTORY

Shell's Construction U.S.A. Inc. was developed around a team with extensive experience in the building and construction industry. Our team's diverse experience in shell construction, offshore construction, and general construction has enabled us to effectively perform the tasks of a general contractor in a wide range of markets. Our commitment to excellence in service and quality has earned us a reputation in the market.

Approximately 80% of projects undertaken by our firm are in the shell and related construction of offshore facilities. The applications in which we work are very diverse and require technical knowledge that we have the ability to perform under challenging conditions. Our commitment to excellence in service and quality has earned us a reputation in the market.

Notably, our work has progressed as well the opportunity to work at many major ports and facilities including the South West Coast, Texas, and other major ports in Florida. Some of these projects have involved significant work and significant resources. Our commitment to excellence in service and quality has earned us a reputation in the market.

The principle of the company as well as our employees are dedicated to the continuing of our tradition for many years to come.

Our firm is committed to the highest quality of service and quality. We have a great commitment to the highest quality of service and quality.

# Shell's Construction U.S.A. Inc.

## Staff

Andrew E. Smith, President, Shell's Construction U.S.A. Inc.  
Vicki P. Smith, Secretary, Shell's Construction U.S.A. Inc.  
Dwight D. Smith, Operations Manager, Shell's Construction U.S.A. Inc.  
F. Kenneth E. Smith, Administration, Shell's Construction U.S.A. Inc.  
James H. Smith, Secretary, Shell's Construction U.S.A. Inc.  
Paul E. Smith, Secretary, Shell's Construction U.S.A. Inc.

Office (760) 290-0400 Cell (760) 290-0441  
FAX 905.715.7461  
Email: BREGAL@YAHOO.COM



REFERENCES  
**Shell Construction U.S.A. INC.**  
 1945 N.E. 1872nd North Miami Blvd. #3, 33181  
 Office (781) 290-1400 Cell (781) 290-1401  
 FAX (781) 290-1402

**MORRISTOWN HOTEL INC.**  
 1111 Avenue of the Americas  
 New Jersey (781) 290-1402 (781) 290-1401

**THE ROYAL INNSWILL**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**LAKEVIEW HOTEL & SUITES**  
 1111 Avenue of the Americas

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

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 1000 N. 10th St. Suite 100, Miami, FL 33136

**CLAYTON PLAZA IN INNS**  
 1000 N. 10th St. Suite 100, Miami, FL 33136

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Family Members

To whom it may concern

I am pleased to have the opportunity to recommend Aurelio Urbina, Owner of Shell's Construction U.S.A. Inc.

Shell's Construction U.S.A. Inc. was our contractor on a 2500 square foot renovation of our office at Coral Gables. I give Aurelio and his company the highest rating for the work that they did.

Shell's Construction U.S.A. Inc. was efficient, thorough, and conscientious. They began work on time, finished on time, and stayed within our budget. We especially appreciate the extra effort Aurelio and his staff took to reduce the inconvenience to us.

I enjoy working with Aurelio and everyone at the Shell's Construction U.S.A. Inc. and recommend him highly to anyone who needs an experienced and knowledgeable renovation expert.

Sincerely,

*Jose Rios*  
 Owner

Greeting

As a property manager for Management Specialty Inc., I have had the opportunity to work with Aurelio Urbina, owner of Shell's Construction U.S.A. on numerous projects.

Aurelio is highly competent remodeling pro and knows the construction business thoroughly. He maintains a high standard of quality in his work and demands the same from his employees and his subcontractors.

Aurelio consistently meets our high standards with only the minimum amount of supervision. I can trust him to treat the owners and property owners honestly and fairly and to do the job right the first time.

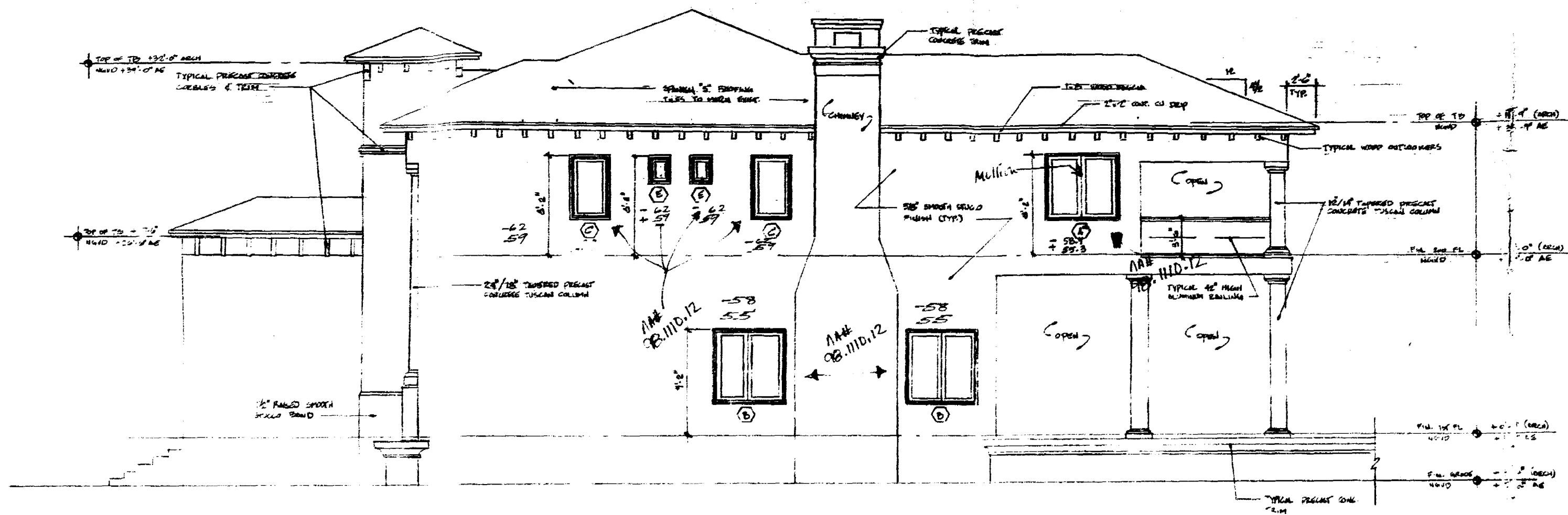
Not only is Aurelio an excellent contractor, but also he is very congenial to work with. He has always kept a pleasant, yet professional, working relationship with everyone on our projects.

I would not hesitate to recommend him for any renovation or repair work. Sincerely,

*Jose Rios*  
 Property Manager  
 Management Specialty Inc.

02

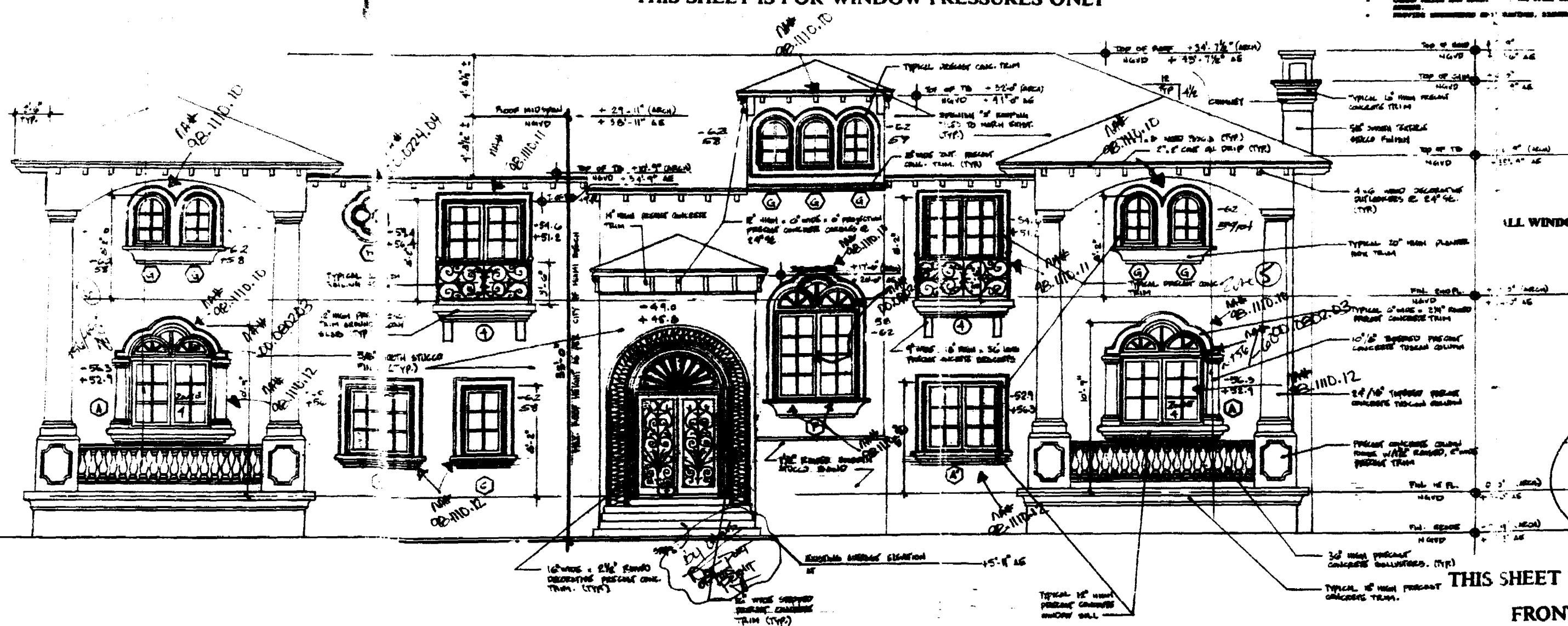




RIGHT SIDE ELEVATION

ALL WINDOW SILLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW.

THIS SHEET IS FOR WINDOW PRESSURES ONLY



ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

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CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING  
ZONING  
FIRE PREVENTION  
ELECTRICAL  
MECHANICAL  
ENGINEERING  
PLUMBING  
STRUCTURAL  
ACCESSIBILITY  
ELEVATOR

COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32566  
1214 SW 12 ST.  
MIAMI, FL 33135  
(305) 856-6345

THIS SHEET IS FOR WINDOW PRESSURES ONLY

FRONT ELEVATION

SCALE 1/4" = 1'-0"

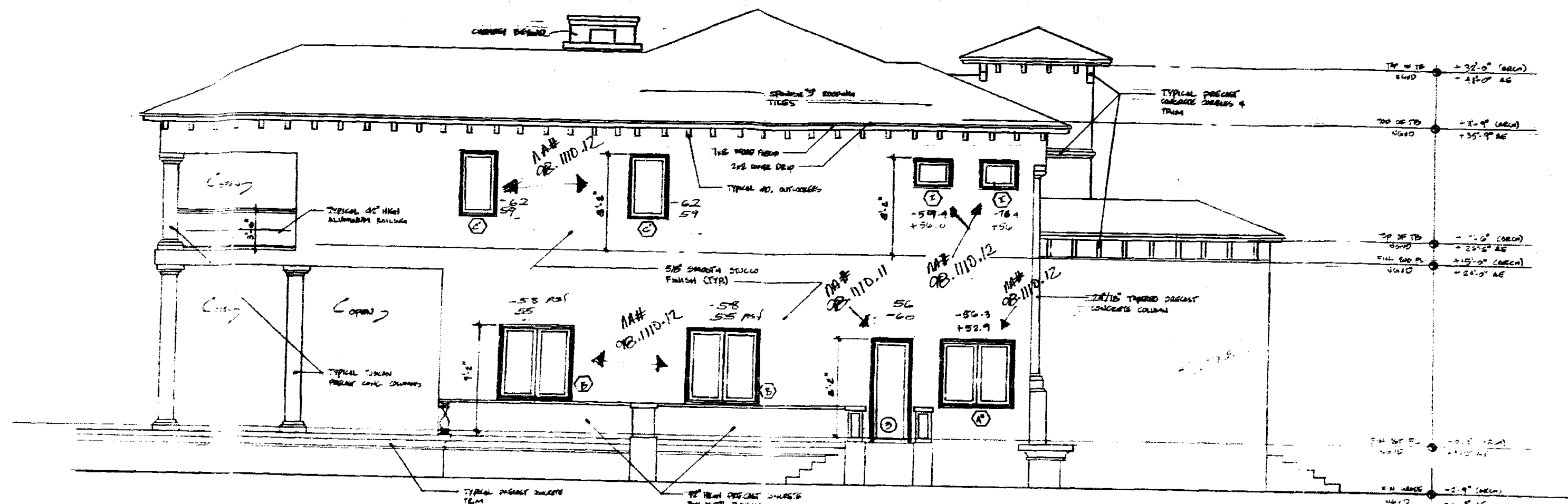


ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 54 PALM AVE. FLORIDA



02



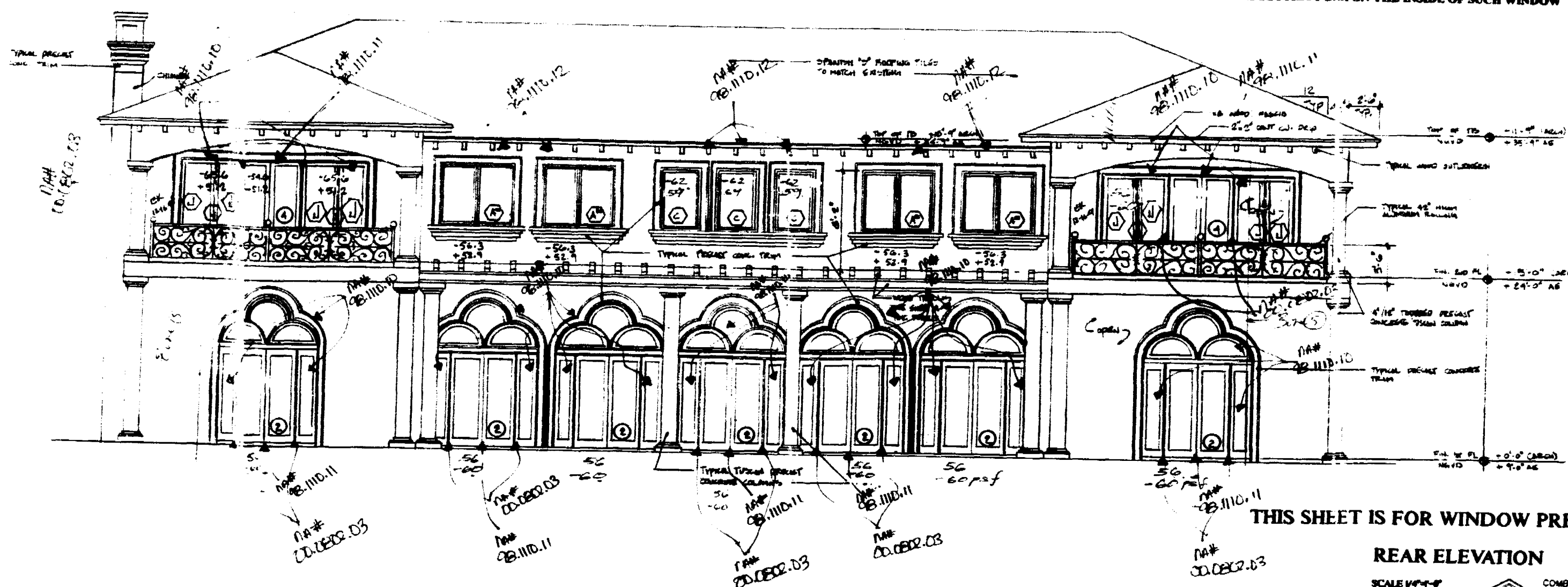
ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

LEFT SIDE ELEVATION

SCALE 1/4\"/>

THIS SHEET IS FOR WINDOW PRESSURES ONLY

ALL WINDOW SILLS AT SECOND FLOOR TO BE 3\"/>



THIS SHEET IS FOR WINDOW PRESSURES ONLY

REAR ELEVATION

SCALE 1/4\"/>



COMBINED ENGINEERING SCIENCES  
CARLOS ENSENAT, PE 32586  
1214 SW 12 ST  
MIAMI, FL 33135  
(305) 856-8345

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CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING  
ELECTRICAL  
MECHANICAL  
FIRE  
ENGINEERING  
PUBLIC WORKS  
STREETS  
ACCESSIBILITY  
ELEVATOR

ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVE.  
FLORIDA

DATE  
SHEET  
WP-2  
OF 3

02



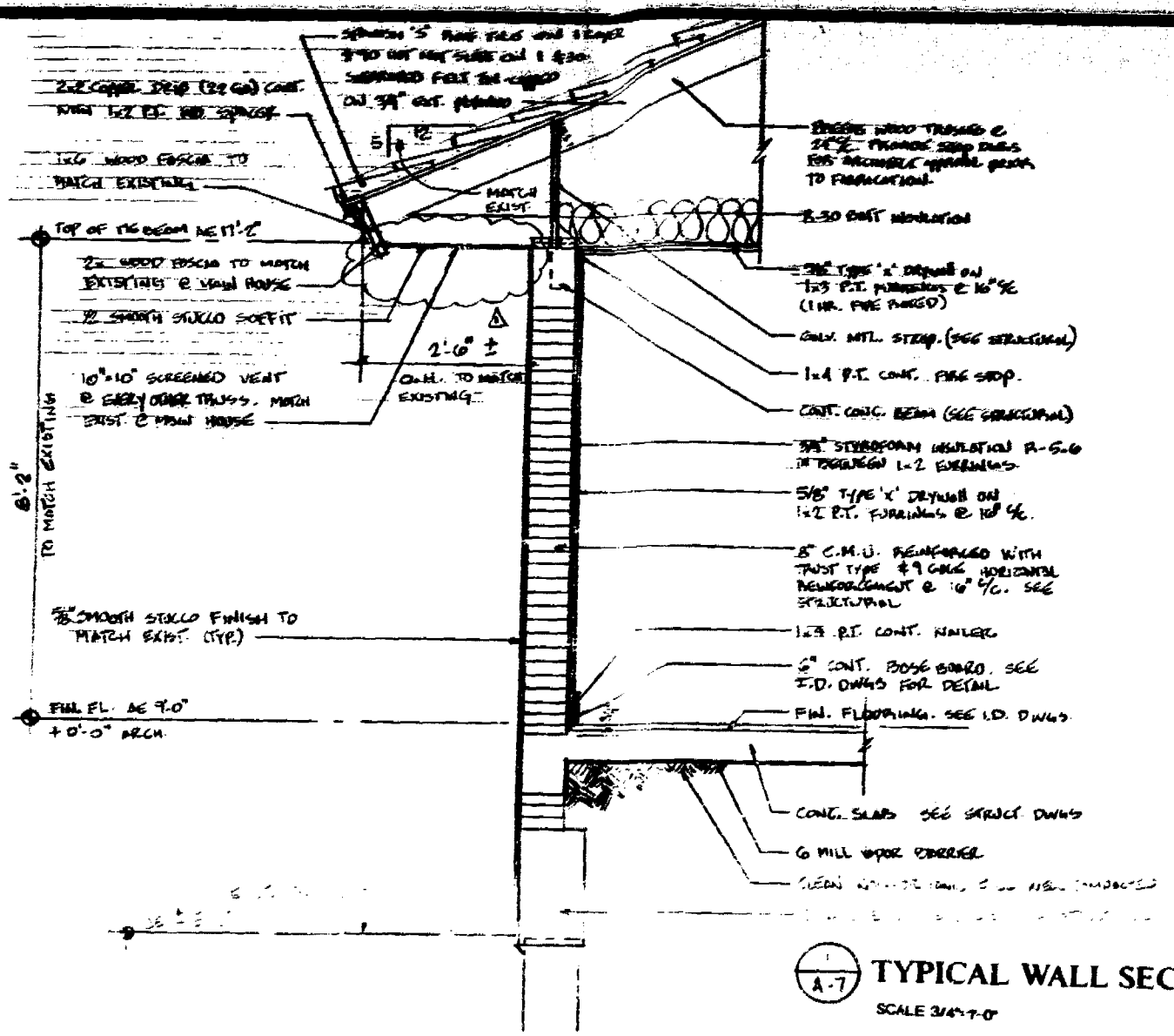
ROBERT WADE AND ASSOCIATES, P.A.  
PLANNERS  
ARCHITECTS

RENOVATION FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, 94 PALM AVENUE  
FLORIDA

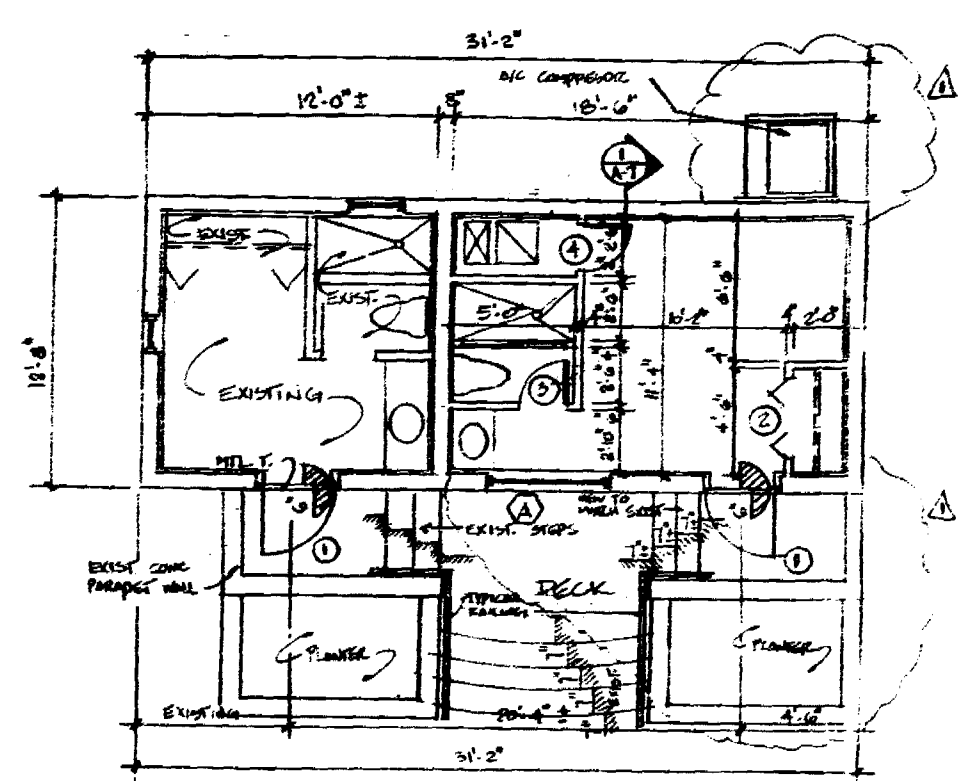
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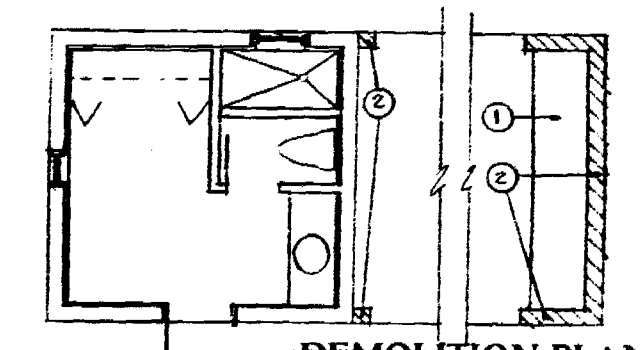
02



TYPICAL WALL SECTION  
SCALE 3/4\"/>

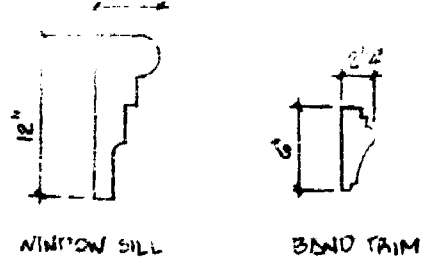


FLOOR PLAN  
SCALE 1/4\"/>



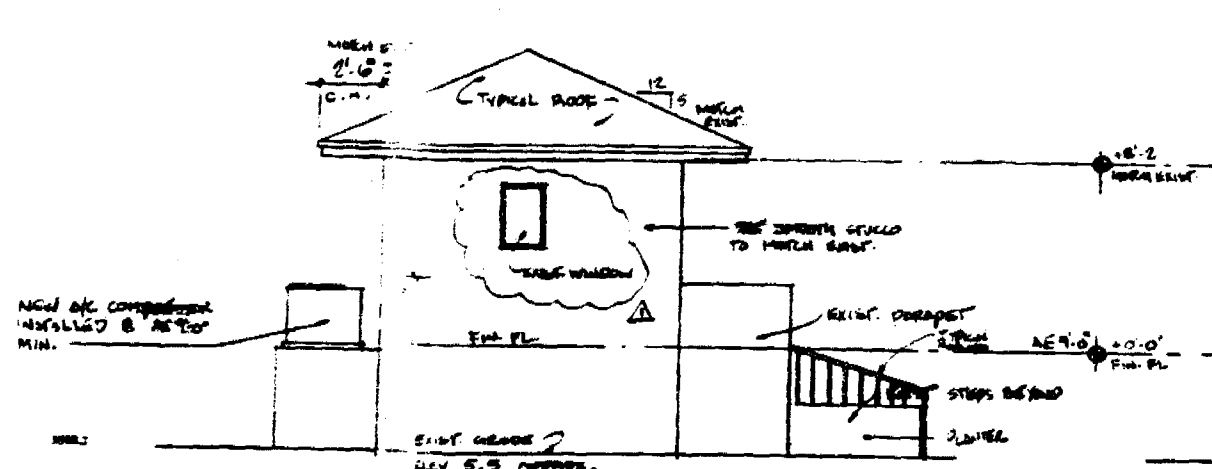
DEMOLITION PLAN  
SCALE 1/4\"/>

FOR ELECTRICAL, MECHANICAL AND PLUMBING  
SIZES AND INFORMATION REFER TO ENGINEER'S  
DRAWINGS.



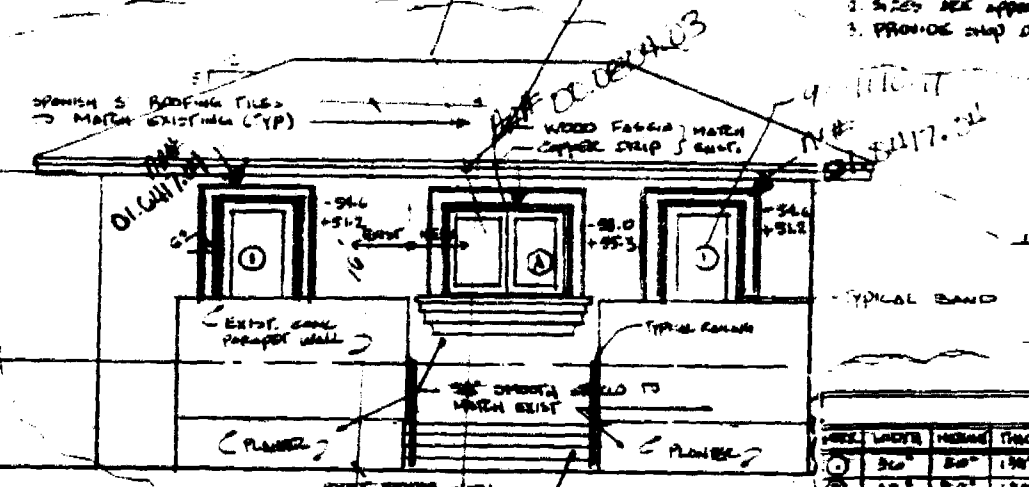
PRECAST TRIM PROFILES

THIS SHEET IS FOR WINDOW PRESSURES ONLY

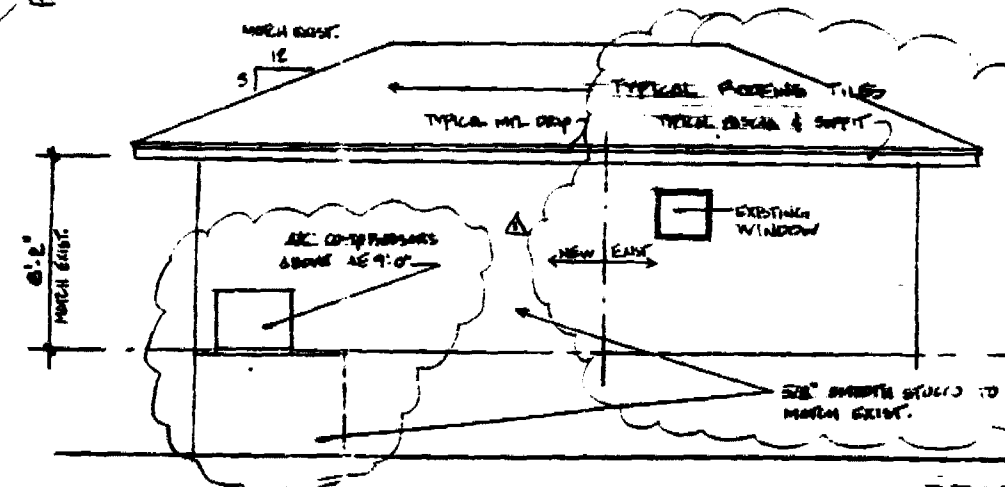


LEFT SIDE ELEVATION  
SCALE 1/4\"/>

NEW WINDOWS TO HAVE  
3/4\"/>



FRONT ELEVATION  
SCALE 1/4\"/>



REAR ELEVATION  
SCALE 1/4\"/>

THIS SHEET IS FOR WINDOW PRESSURES ONLY

GENERAL NOTES

- 1. GENERAL CONTRACTOR AND SUBCONTRACTORS MUST VISIT THE JOB SITE AND BE FAMILIAR WITH THE WORK CONTAINED ON THESE DRAWINGS PRIOR TO SUBMITTING ESTIMATES. VERIFY WITH THE ARCHITECT IN WRITING ANY CHANGES OR DISCREPANCIES ARISING FROM THE INFORMATION CONTAINED IN THE DRAWINGS.
- 2. EXISTING FOUNDATION MUST BE RECONSTRUCTED WITH REINFORCED CONCRETE.
- 3. EXISTING FOUNDATION MUST BE RECONSTRUCTED WITH REINFORCED CONCRETE.
- 4. ALL WINDOW SILLS AT SECOND FLOOR TO BE A MINIMUM OF 12\"/>
- 5. SECOND MEANS OF ESCAPE (E.S.E.) SECTION SHALL BE ONE OF THE FOLLOWING:
  - (A) A DOOR, STAIRWAY, PASSAGE OR HALL PROVIDING A WAY, UNHINDERED BY AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE, OF UNHINDERED TRAVEL TO THE OUTSIDE OF THE BUILDING AT STREET OR GROUND LEVEL.
  - (B) A PASSAGE THROUGH ADJACENT NONHABITABLE SPACES UNHINDERED BY AND REMOTE FROM THE PRIMARY MEANS OF ESCAPE TO ANY EXTERIOR MEANS OF ESCAPE.
  - (C) AN OUTSIDE WINDOW OR DOOR OPERABLE FROM THE ROOM WITHOUT THE USE OF TOOLS AND PROVIDING CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT AND 5.7 SQ. FT. IN AREA. THE BOTTOM OF THE OPENING SHALL NOT BE MORE THAN 44 INCHES OFF THE FLOOR. SUCH MEANS OF ESCAPE SHALL BE ACCEPTABLE IF:
    - (a) THE WINDOW IS EITHER IN FEET OF GRASS, OR
    - (b) THE WINDOW IS DIRECTLY ACCESSIBLE TO THE FIRE DEPARTMENT VEHICLE APPROVED BY THE BUILDING DEPARTMENT FIRE OFFICIAL, OR
    - (c) THE WINDOW OR DOOR ONS TO AN EXTERIOR BALCONY.
  - 6. ALL OUTSIDE DOOR CLAYS TO COMPLY WITH E.S.E. SECTION.

NOTES

- 1. WINDOWS AT ALL SHOWER AREAS SHALL HAVE 1/4\"/>
- 2. ALL ALUMINUM RAILINGS AT SECOND FLOOR MUST BE 4\"/>
- 3. PICKETS MUST BE SET AT 4\"/>
- 4. ALL BATHROOM WINDOWS SHALL BE WITH TEMP. GLASS.
- 5. PROVIDE ROOF TRIMMING DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- 6. PROVIDE PRECAST ROOF DRAWINGS AND MATERIAL SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- 7. PROVIDE WINDOWS AND DOORS SHOP DRAWINGS, AND WITH MATERIAL DESCRIPTION FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.
- 8. ALL SHOWER ENCLOSURES SHALL HAVE CATWALK, 2 TYPED, SAFETY GLASS.
- 9. ALL BATHROOM WINDOWS SHALL BE WITH TEMP. GLASS.

WINDOW SCHEDULE

| NO. | WIDTH | HEIGHT | FINISH         | REMARKS    |
|-----|-------|--------|----------------|------------|
| 1   | 36"   | 80"    | WOOD, FINISHED | 1st FLOOR  |
| 2   | 36"   | 80"    | WOOD, FINISHED | 2nd FLOOR  |
| 3   | 36"   | 80"    | WOOD, FINISHED | 3rd FLOOR  |
| 4   | 36"   | 80"    | WOOD, FINISHED | 4th FLOOR  |
| 5   | 36"   | 80"    | WOOD, FINISHED | 5th FLOOR  |
| 6   | 36"   | 80"    | WOOD, FINISHED | 6th FLOOR  |
| 7   | 36"   | 80"    | WOOD, FINISHED | 7th FLOOR  |
| 8   | 36"   | 80"    | WOOD, FINISHED | 8th FLOOR  |
| 9   | 36"   | 80"    | WOOD, FINISHED | 9th FLOOR  |
| 10  | 36"   | 80"    | WOOD, FINISHED | 10th FLOOR |

- 1. ALL GLASS TO BE 3/4\"/>
- 2. ALL GLASS TO BE 3/4\"/>
- 3. PROVIDE SHOP DRAWINGS AND MATERIAL SAMPLES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

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CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY  
THE FOLLOWING:  
[Signature]  
[Title]

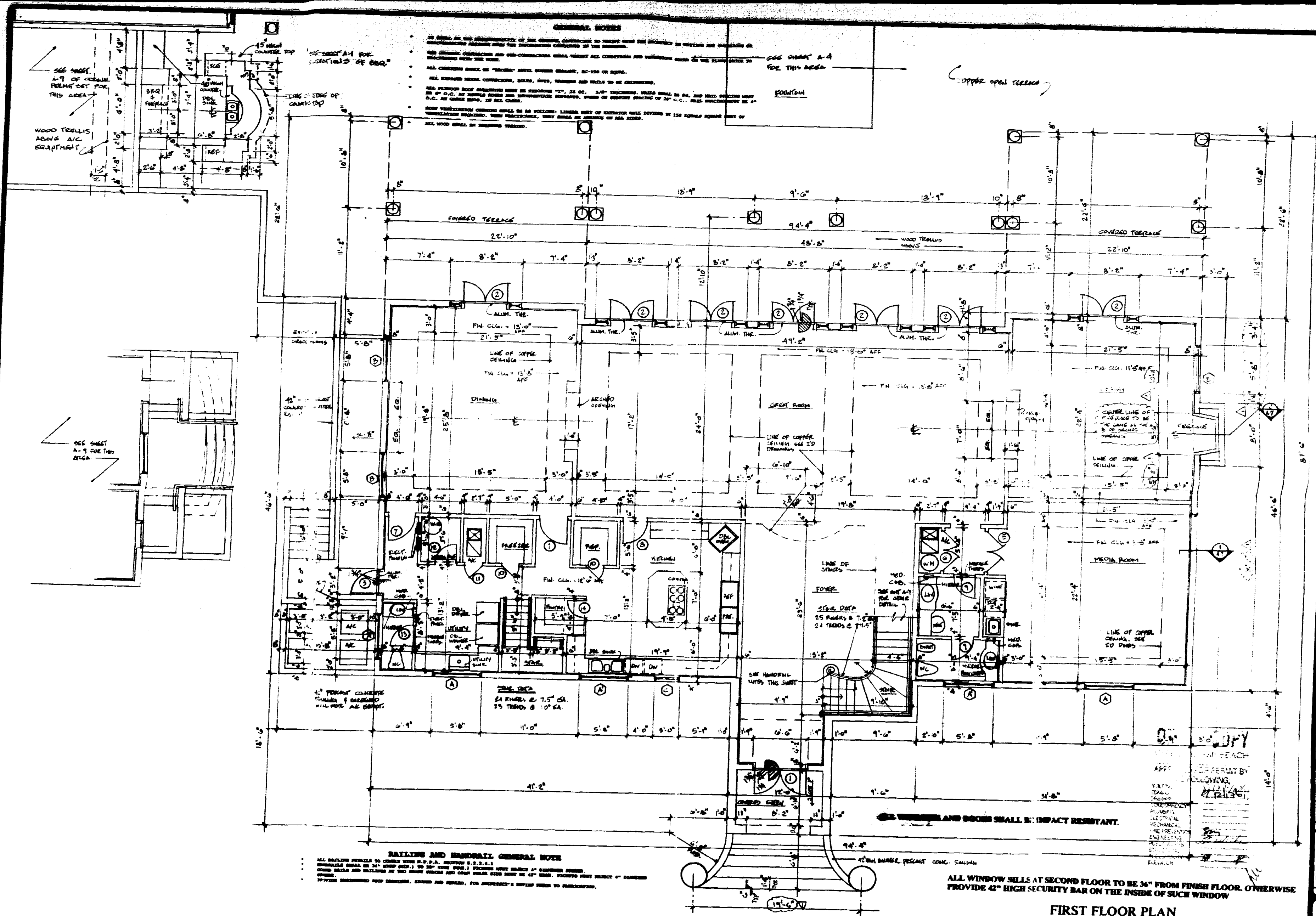
DOOR SCHEDULE

| NO. | WIDTH | HEIGHT | FINISH         | REMARKS    |
|-----|-------|--------|----------------|------------|
| 1   | 36"   | 80"    | WOOD, FINISHED | 1st FLOOR  |
| 2   | 36"   | 80"    | WOOD, FINISHED | 2nd FLOOR  |
| 3   | 36"   | 80"    | WOOD, FINISHED | 3rd FLOOR  |
| 4   | 36"   | 80"    | WOOD, FINISHED | 4th FLOOR  |
| 5   | 36"   | 80"    | WOOD, FINISHED | 5th FLOOR  |
| 6   | 36"   | 80"    | WOOD, FINISHED | 6th FLOOR  |
| 7   | 36"   | 80"    | WOOD, FINISHED | 7th FLOOR  |
| 8   | 36"   | 80"    | WOOD, FINISHED | 8th FLOOR  |
| 9   | 36"   | 80"    | WOOD, FINISHED | 9th FLOOR  |
| 10  | 36"   | 80"    | WOOD, FINISHED | 10th FLOOR |

- 1. PROVIDE, FULL HEIGHT OVERDOOR, 24\"/>
- 2. PROVIDE, 1/4\"/>
- 3. PROVIDE, 1/4\"/>

COMBINED ENGINEERING SCIENCES  
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1214 SW 12 ST  
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**ARCHITECTS**  
**PLANNERS**

**RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA  
94 PALM AVE.**

### FIRST FLOOR PLAN

SCALE 1/4"=1'-0"

**AUG 08 2001**

|               |  |
|---------------|--|
| DATE          | 1-24-01  |
| SHEET         | A-2  |
| NEW RESIDENCE | 811  |
| REVISIONS     | <input checked="" type="checkbox"/> PLEASANT CUMULATIVE<br><input checked="" type="checkbox"/> DOWNGRADE SQUIR |

02

| NAME |  | DOB |  | AGE |  | SEX |  | RACE |  | REL |  | OCC |  | ED |  | HGT |  | WGT |  | EYES |  | HAIR |  | SKIN |  | BLOOD |  | FINGER |  | TOE |  | TEETH |  | TONGUE |  | LIPS |  | NOSE |  | EARS |  | NECK |  | CLOTH |  | SHOES |  | GLASSES |  | TATTOO |  | SCAR |  | OTHER |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | 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PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | 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OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  | TIME |  | PLACE |  | OFFICE |  | AGENCY |  | UNIT |  | GRADE |  | RANK |  | STATUS |  | REMARKS |  | SIGNATURE |  | DATE |  |
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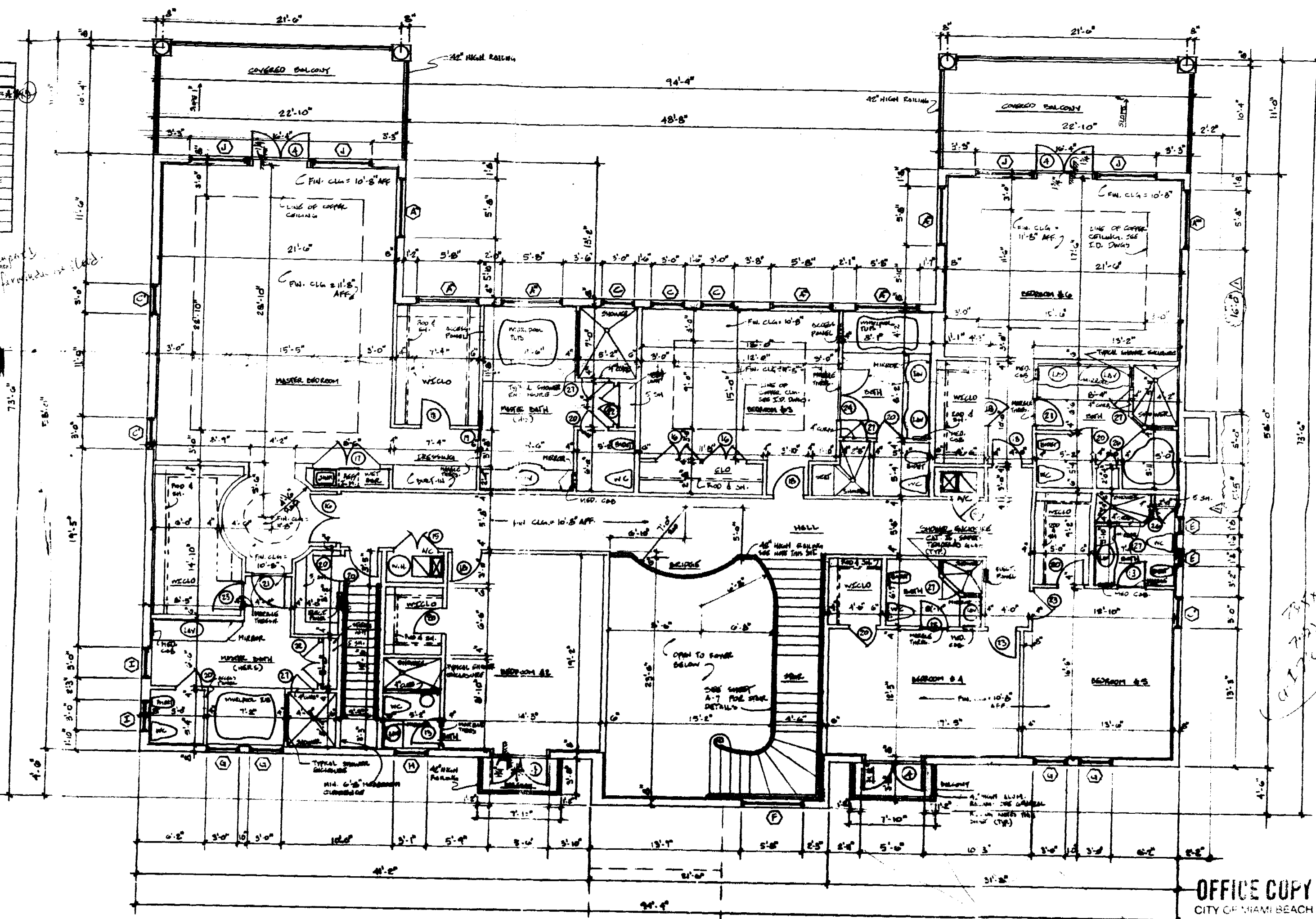
**SEE LISTING**

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ALL WINDOW SELLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE  
PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW

**ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT**

## SECOND FLOOR PLAN

**OFFICE COPY**  
CITY OF MIAMI BEACH

APPROVE OR PERMIT BY  
DATE THE FOLLOWING:

MECHANICAL  
FIRE PREVENTION  
ENGINEERING  
PUBLIC WORKS  
STRUCTURAL  
ACCESSIBILITY  
ELEVATOR

**AUG 06 2001**



**ROBERT WADE AND ASSOCIATES, P.A.**  
**ARCHITECTS**  
**PLANNERS**

**RESIDENCE FOR  
DOMINION INDUSTRIAL HOLDINGS  
MIAMI BEACH, FLORIDA**  
94 PALM AVE.

02

| NO. | TYPE | SIZE        | FINISH | LOCATION | REMARKS |
|-----|------|-------------|--------|----------|---------|
| 1   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 2   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 3   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 4   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 5   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 6   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 7   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 8   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 9   | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 10  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 11  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 12  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 13  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 14  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 15  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 16  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 17  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 18  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 19  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 20  | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
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| 100 | W    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |

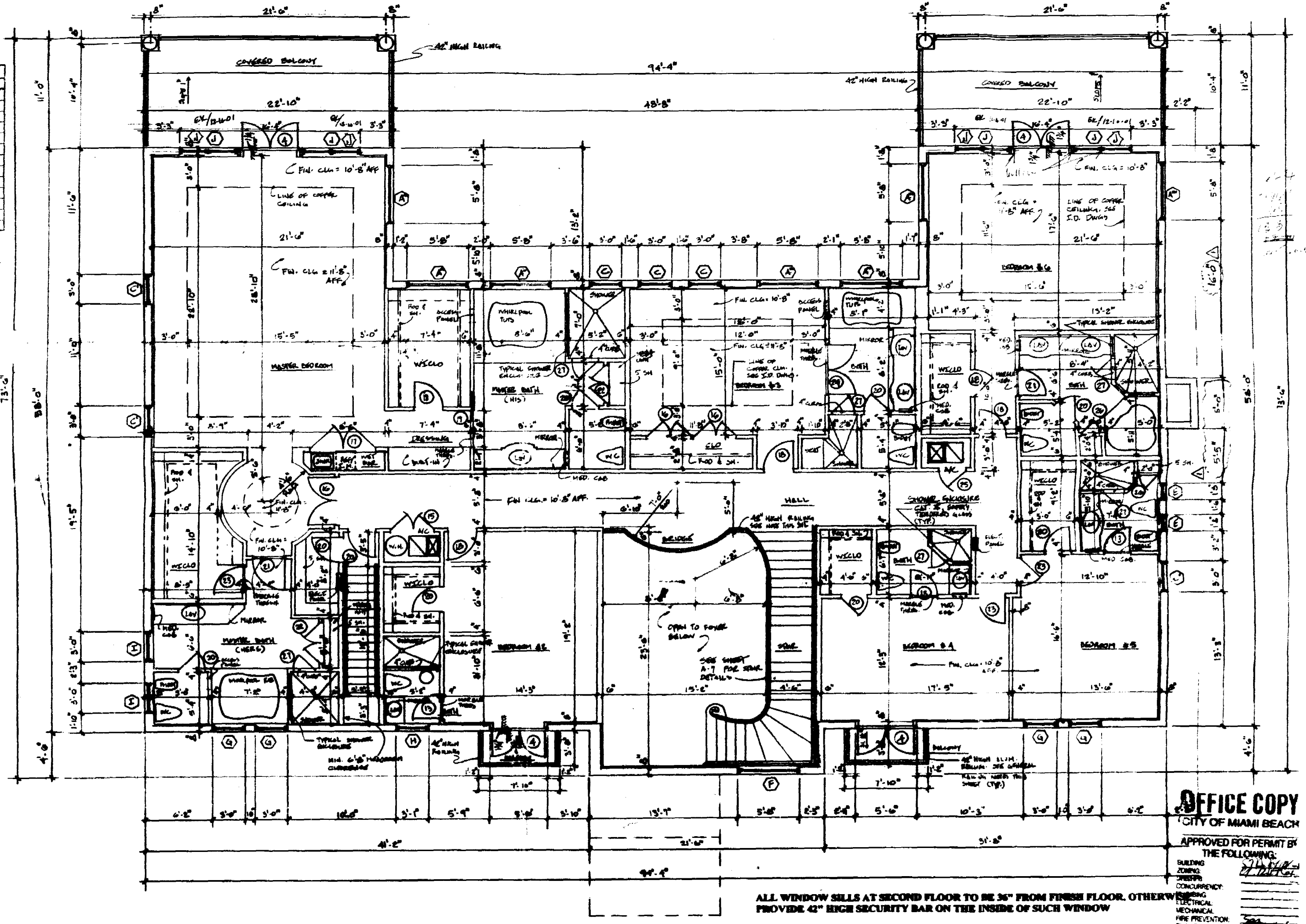
GENERAL CONTRACTOR SHALL CROSS REFERENCE ALL WINDOW SIZES WITH MANUFACTURER'S S AND  
 PROVIDING FOR APPROPRIATE WINDOW OPERATIONS PRIOR TO STRUCTURING CONCRETE WALLS

WINDOW NOTES:  
 ALL GLASS IN WINDOWS TO BE IMPACT RESISTANT.  
 ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.  
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 ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

| NO. | TYPE | SIZE        | FINISH | LOCATION | REMARKS |
|-----|------|-------------|--------|----------|---------|
| 1   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 2   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 3   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 4   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 5   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 6   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 7   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 8   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 9   | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 10  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 11  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 12  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 13  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 14  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
| 15  | D    | 3'0" x 7'0" | SL     | 1/16"    | W/16"   |
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GENERAL CONTRACTOR SHALL CROSS REFERENCE ALL DOOR SIZES WITH MANUFACTURER'S S AND  
 PROVIDING FOR APPROPRIATE FRAME OPERATIONS PRIOR TO STRUCTURING CONCRETE WALLS

DOOR NOTES:  
 ALL GLASS IN WINDOWS TO BE IMPACT RESISTANT.  
 ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.  
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 ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.



ALL WINDOW SILLS AT SECOND FLOOR TO BE 36" FROM FINISH FLOOR. OTHERWISE  
 PROVIDE 42" HIGH SECURITY BAR ON THE INSIDE OF SUCH WINDOW

ALL WINDOWS AND DOORS SHALL BE IMPACT RESISTANT.

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



ROBERT WADE AND ASSOCIATES, P.A.  
 PLANNERS  
 ARCHITECTS

RESIDENCE FOR  
 DOMINION INDUSTRIAL HOLDINGS  
 MIAMI BEACH, FLORIDA

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

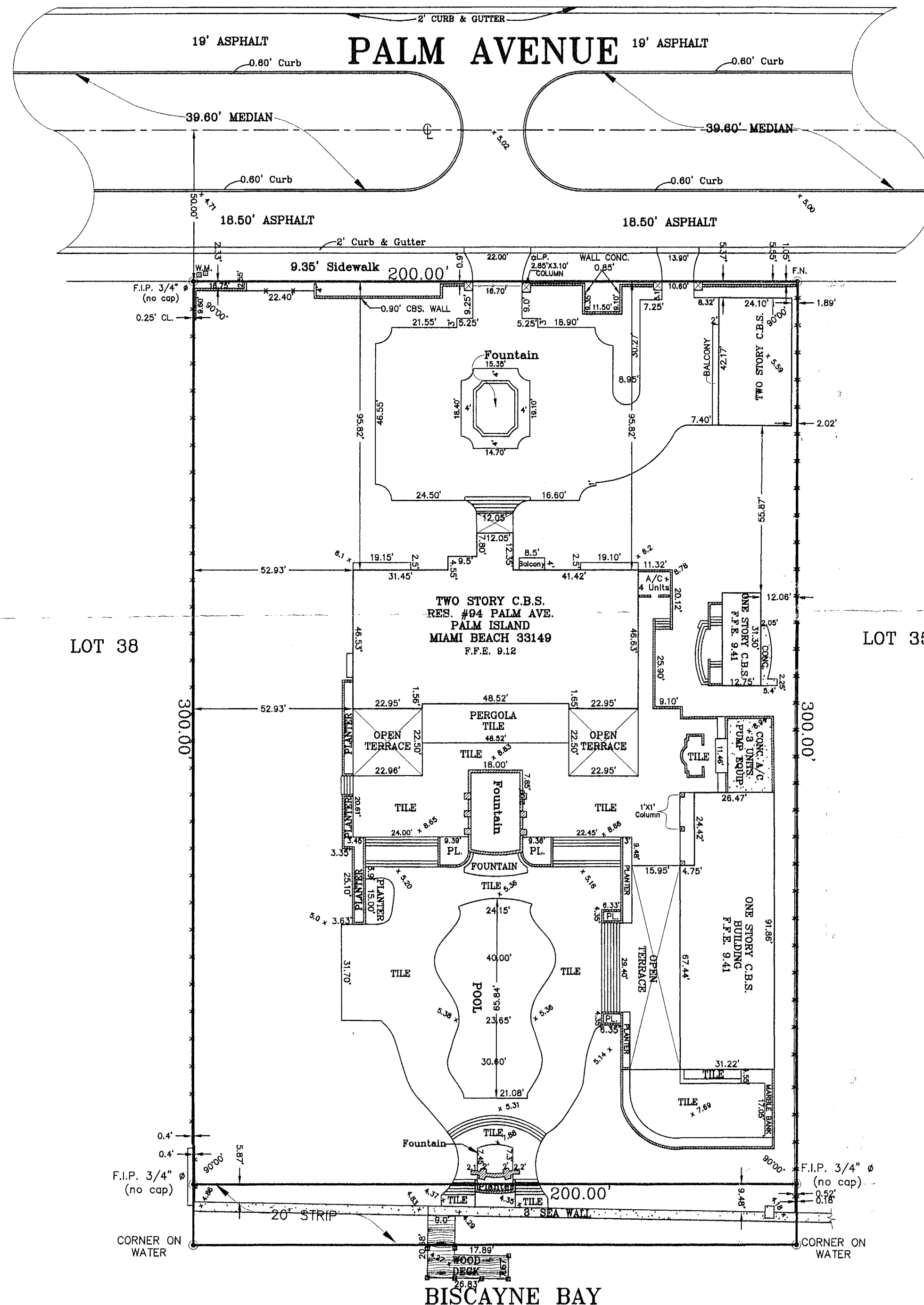


B0200484  
94 PALM AVE

02

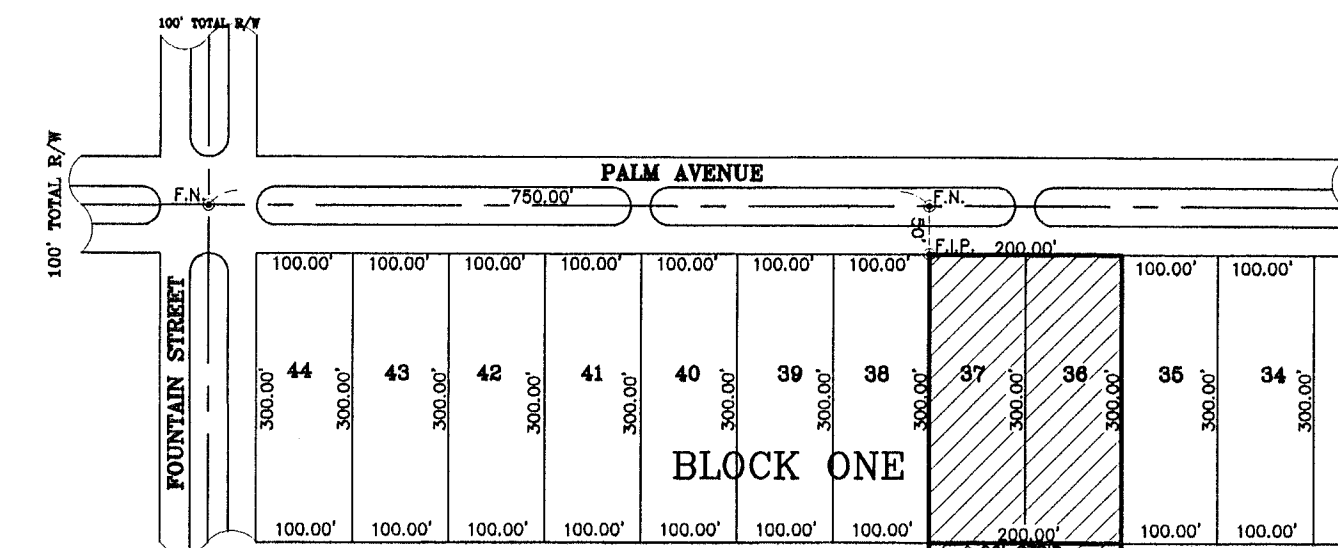
# MAP OF BOUNDARY SURVEY

SCALE : 1" = 30'



## LOCATION SKETCH

SCALE : 1" = 200'



BISCAYNE BAY

### LEGAL DESCRIPTION:

LOT 36, 37 & A 20' FEET STRIP IN BISCAYNE BAY BLOCK ONE  
SUBDIVISION PALM ISLAND  
ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 6 AT PAGE 54 OF THE  
PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.  
94 PALM AVE. PALM ISLAND  
MIAMI BEACH 33149

### BENCH MARK USED:

LOCATOR NAME ELEVATION  
4250 E D-135 5.34

MACARTHUR CSWY --- 4' SW OF EDGE OF PAVEMENT  
FOUNTAIN ST --- 15' SE OF PROJECTED C/L

PK NAIL AND BRASS WASHER IN CONC CURB.

|                         |                           |                                 |                             |                                   |                           |
|-------------------------|---------------------------|---------------------------------|-----------------------------|-----------------------------------|---------------------------|
| A - ARC                 | CONC - CONCRETE           | ELEV - ELEVATION                | O.V.H. - OVERHANG           | P.C.P. - PERMANENT CONTROL POINT. | S - SOUTH                 |
| AVE. - AVENUE           | CT. - COURT               | F.N. - FOUND NAIL               | O.W. - OVERHEAD WRES.       | P.O.C. - POINT OF COMMENCEMENT.   | SEC. - SECTION            |
| BLDG. - BUILDING        | D.M.E. - DRAINAGE AND     | F.N.D. - FOUND NAIL & DISC.     | P.B. - PLAT BOOK            | P.R.M. - PERMANENT REFERENCED     | S.I.P. - SET IRON PIPE    |
| BM - BENCHMARK          | MAINTENANCE EASEMENT.     | FT. - FEET                      | P.C. - POINT OF CURVATURE.  | R. - RADIUS                       | S.N.D. - SET NAIL & DISC. |
| C - CURVE               | E - EAST                  | LN - LANE                       | P.O.B. - POINT OF BEGINNING | RAD. - RADIAL                     | SWK - SIDEWALK            |
| CB - CATCH BASIN        | ENC. - ENCROACH           | MEAS. - MEASURE                 | P.O.C. - POINT OF BEGINNING | RD. - ROAD                        | T - TANGENT               |
| C.B.S. - CONCRETE BLOCC | EASEMENT                  | M/L - MONUMENT LINE             | P.C. - POINT OF BEGINNING   | REC. - RECORD                     | TERR. - TERRACE           |
| STR. - STRUCTURE        | F.D.H. - FOUND DRILL HOLE | M/S. - METAL SHED.              | P.G. - PAGE                 | RES. - RESIDENCE                  | TWP. - TOWNSHIP           |
| CH - CHORD              | F.F.E. - FINISHED FLOOR   | N - NORTH                       | PKWY. - PARKWAY             | U.E. - UTILITY EASEMENT.          | W. - WEST                 |
| CHB - CHORD BEARING     | ELEVATION                 | NG - NUMBER                     | PL - PLACE                  | W.F. - WOOD FENCE.                | Δ - CENTRAL ANGLE         |
| CL - CLEAR              | F.I.P. - FOUND IRON PIPE  | O.R.B. - OFFICIAL RECORDS BOOK. |                             |                                   |                           |
| C/L - CENTER LINE       | Ø - DIAMETER              | Ø - DIAMETER                    |                             |                                   |                           |

BEARINGS ARE BASED ON AN ASSUMED MERIDIAN C/L OF 0 BEARS 0  
AS SHOWN IN PLAT BOOK 0 AT PAGE 0, MIAMI-DADE COUNTY, FLORIDA.

DATE OF FIELD SURVEY 07/28/2000

FLOOD ZONE: AE COMMUNITY No.120650. PANEL: 181 SUFFIX: J DATE OF FIRM: 07-17-95 BASE FLOOD: 9.00

EXAMINATION OF THE ABSTRACT OF TITLE HAVE TO BE MADE TO DETERMINE RECORDED INSTRUMENTS, IF ANY AFFECTING THE PROPERTY. LOCATION AND IDENTIFICATION OF UTILITIES ON AND/OR ADJACENT TO THE PROPERTY WERE NOT SECURED AS SUCH INFORMATION WAS NOT REQUESTED. OWNERSHIP IS SUBJECT TO OPINION OF TITLE. UNDERGROUND FOUNDATION AND UTILITIES NOT LOCATED.

FOR : DOMINION INDUSTRIAL HOLDING

ORDER No. : 0302-127 FINAL SURVEY

DATE : 03/06/2003

REV. : 3/25/03

WALTER E. VENEGA  
PROFESSIONAL SURVEYOR AND MAPPER No.3105  
STATE OF FLORIDA  
NOT VALID UNLESS SIGNED & EMBOSSED SEAL

CARIBBEAN LAND SURVEYORS, INC.  
3742 WEST 12th AVE. MIAMI FL 33012  
TELEPHONE: (305) 824-0040 FAX: (305) 824-0038



PERMIT #

B0300110

19

**CITY OF MIAMI BEACH**  
Miami Beach, Florida 33139

**RECEIPT OF PAYMENT**  
(This is not a receipt for a receipt only)

Receipt # 20-22-2002  
Activity Number: 0000010  
Status: APPROVED  
Date Applied: 10/05/2002 Date Issued: 10/05/2002 Entered By: BURLAND  
Date Completed: 10/05/2002 Date Expired: 10/05/2002  
Site Address: 94 PALM AV MIAMI  
Parcel #: 0300000000  
Balance Due: \$0.00  
Value: \$25,000.00  
Applicant: MIAMI BEACH SEAWALLS  
3600 N.E. 214 STREET  
MIAMI BEACH, FL 33140  
202-432-3120  
Owner: DOMINION INDUSTRIAL HOLDINGS LTD  
PO BOX 9000  
MIAMI 33143 0000

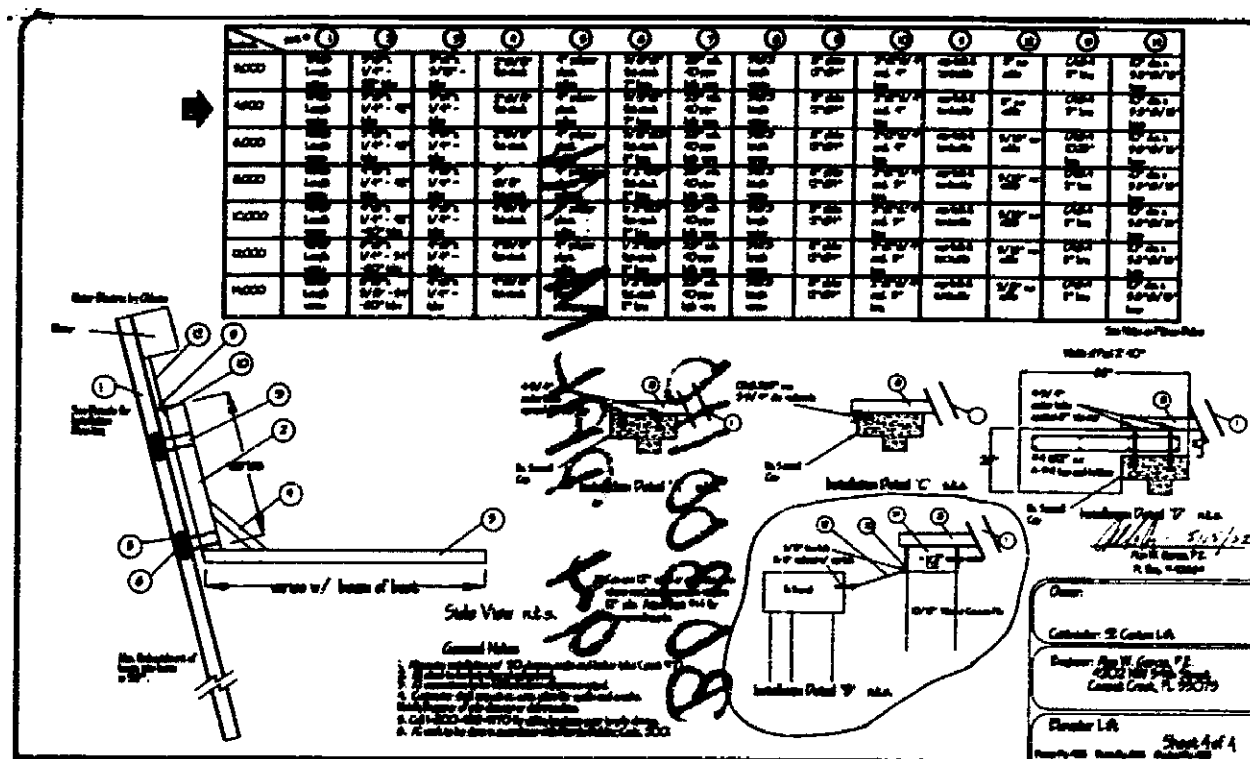
Description: one wood dock, 1 wood ramp, 21 batter piles, 8

**Payments made for this receipt:**

Type: BATTERY  
Payment #: 0000000000  
Total Payment: \$0.00

**Current Payment Made to the Following Items:**

| Item Description       | Account Code | Tax Amt | Payd  | From  | From  | Tot   | Payd  |
|------------------------|--------------|---------|-------|-------|-------|-------|-------|
| 230 Marine             | 0100000000   | 44.00   | 44.00 | 44.00 | 44.00 | 44.00 | 44.00 |
| 230 Marine             | 0100000000   | 44.00   | 44.00 | 44.00 | 44.00 | 44.00 | 44.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| 430 SPC Compliance Fee | 0100000000   | 11.00   | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |



**NATIONAL ANALYSIS - BATTERY PILES**

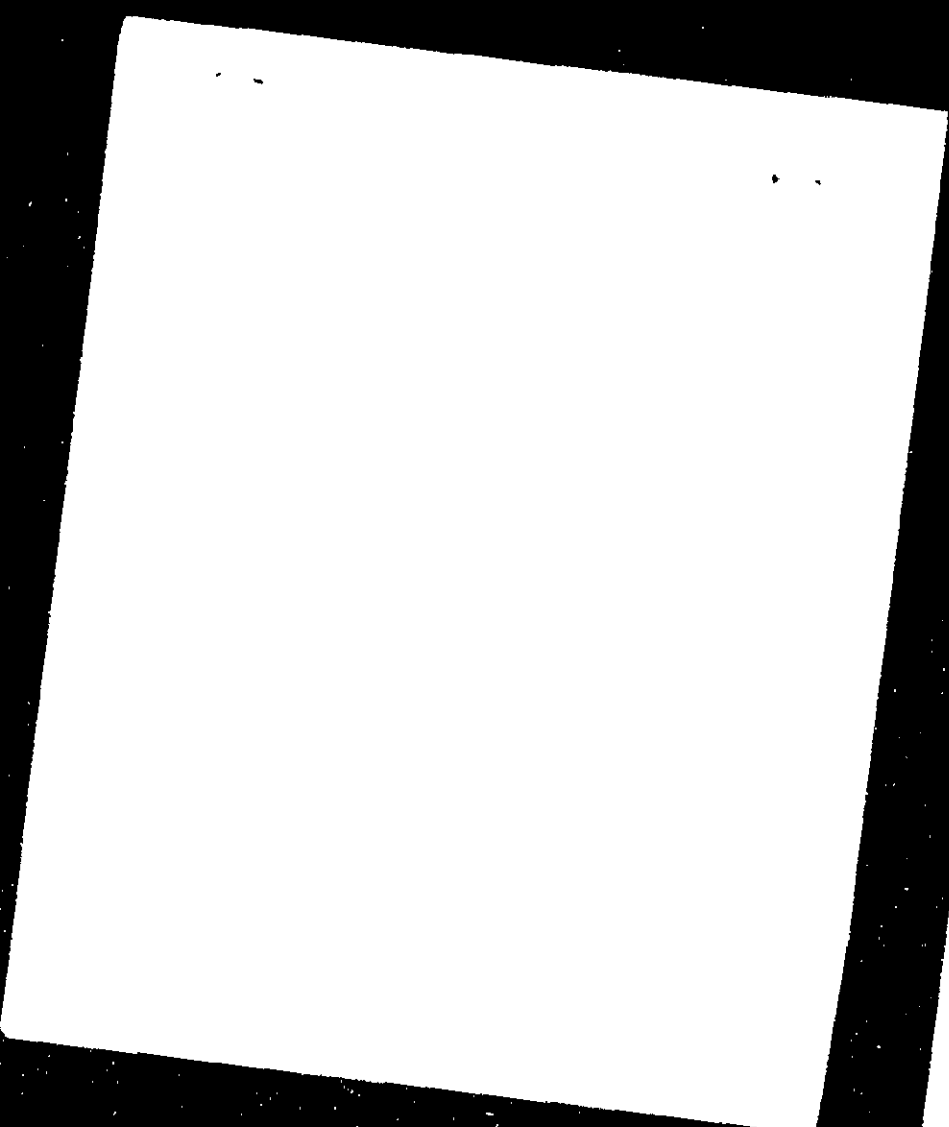
Reference: Common Meeting  
Location: 94 Palm Ave  
Municipality: Miami Beach  
Drawing Ref: 0400000000  
Date: 10/23/02

Specific Data  
Type of Pile: 12" x 12" Concrete w/ 4 #10 x 18" Lateral Strands  
Pile Cap: 3000.00 psf  
Pile Head: 5000.00 psf  
Pile Shaft: 5000.00 psf ASTM grade 50  
Pile Length: 27.0000 psf  
Pile Strength of Strands: 4  
Pile Area per Strand: 0.12 sq ft  
Pile Size: 12" x 12"  
Pile Spacing: 12" x 12"  
Asphalt Area of Tie: 0.25 sq ft  
Pile Spacing: 8" x 8"

M - Moment from Shear: 1180.3 ft-lb  
R - Reaction from Shear: 590.15 kN  
S - Pile Spacing: 12" x 12"  
WMAK - MP/100: 11.80 x 10^3  
P x R x S/1000: 5.00 kN

CHECK PILE CAPACITY  
BATTERY PILE IN COMPRESSION  
Pile Capacity: 11.80 kN  
Pile Capacity: 11.80 kN  
Pile Capacity: 11.80 kN  
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John H. H. H. P.E.  
FL License #52732 / EB # 9011  
Dynamic Engineering Solutions, Inc.  
3411 NW 20th Ave, Suite 100  
Coral Gables, FL 33134



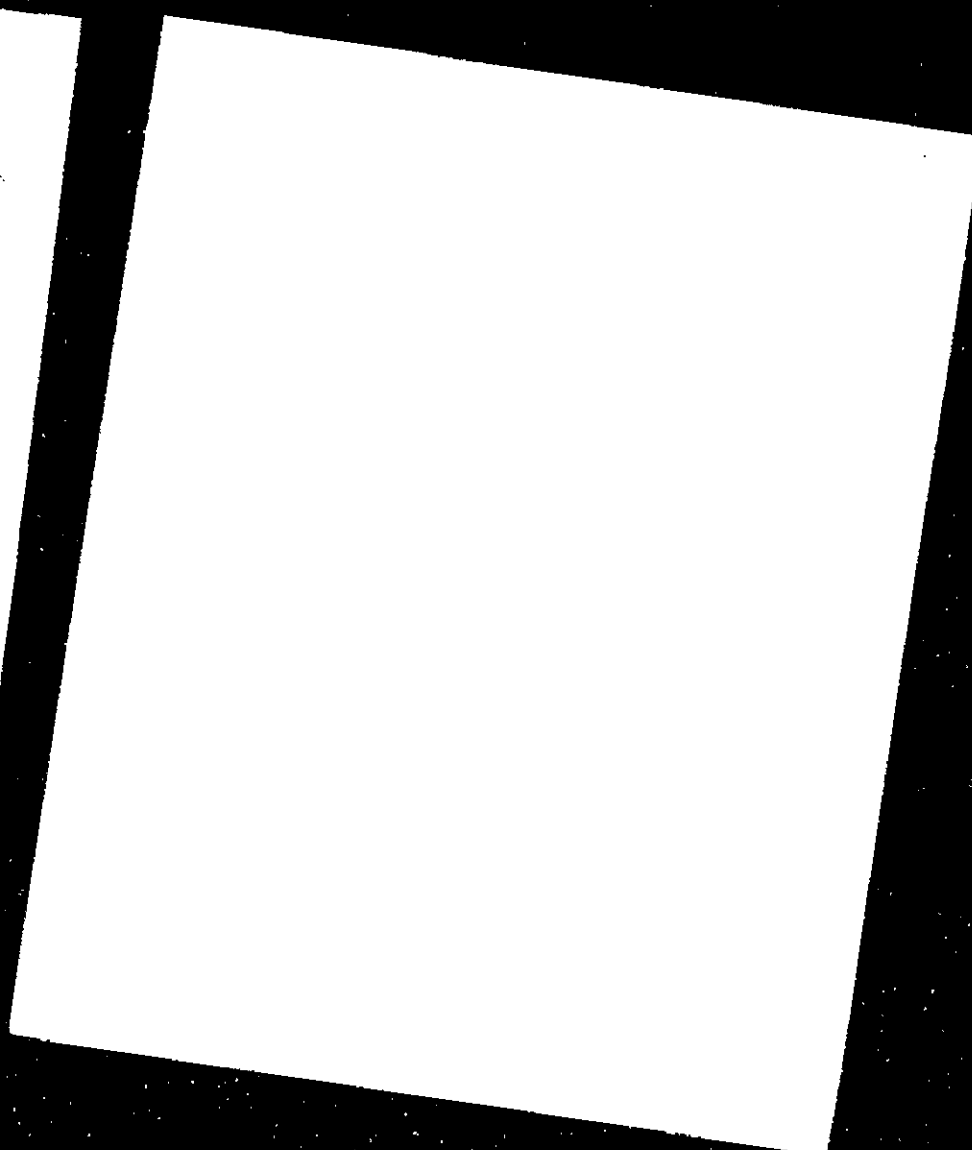
**PERMIT TO COPY**  
CITY OF MIAMI BEACH

APPROVE FOR PERMIT BY \_\_\_\_\_

THE FOLLOWING:

|              |       |
|--------------|-------|
| GENERAL      | _____ |
| DESIGN       | _____ |
| CONSTRUCTION | _____ |
| ELECTRICAL   | _____ |
| MECHANICAL   | _____ |
| PLUMBING     | _____ |
| PAINTING     | _____ |
| WELDING      | _____ |
| CONCRETE     | _____ |
| IRONWORK     | _____ |
| ADDRESS      | _____ |
| REMARKS      | _____ |

**B0300110**  
**94 PALM AV**





**RATINGS: ANALYSIS - KING AND BATTER FILED**

|              |                 |
|--------------|-----------------|
| Residence    | Dorson Holdings |
| Location     | 54 Palm Ave     |
| Municipality | Miami Beach     |
| Draining Ref | Madisonian      |
| Date         | 5/2/62          |

|  |  |
|--|--|
| <b>Specimen Data</b>                       | 12x12 Concrete w/ 4-7/8" Lo-Loss Strands |
| Type of Filler                             | 3000 CC pie                              |
| f <sub>c</sub> (ksi)                       | 5000 CC pie                              |
| f <sub>ctm</sub> (ksi)                     | 20000 CC pie                             |
| f <sub>ctm</sub> (ksi)                     | ASTM grade CC                            |
| Notes:                                     |  |
| n - Strength of Strands                    | 4  |
| n - Number of Strands                      | 12 m <sup>2</sup>                        |
| a - Area per Strand                        | 0.12 in <sup>2</sup>                     |
| p - pile area                              | 1 to 2                                   |
| s - Slope of Stratter                      | 1 to 3                                   |
| g <sub>re</sub> - Understrength Factor     | 0.85                                     |
| g <sub>l</sub> - Distance to Extreme Fiber | 9 in                                     |
| Aspall - Area of Tie                       | 0.05 in <sup>2</sup>                     |
| s - Tie Spacing                            | 8 in                                     |

|  |                      |
|--|----------------------|
| MMAX =   | 11.88 kips           |
| A <sub>s</sub> = Area of Steel = 4.74 in <sup>2</sup>    | 0.48 in <sup>2</sup> |
| A <sub>c</sub> = Area of Concrete = 14.7 in <sup>2</sup> | 1.44 in <sup>2</sup> |

CHECK ULTIMATE MOMENT CAPACITY  
 $M_u = (37 \times b \times A_{ps} \times f_{pu}) / 2000 = 47.95 \text{ kips-ft}$   
 $m = 1.25 \times 1.05 = 1.31 > 1.0 \text{ Service Load Factor, OK}$

**CHECK SHEAR**

$V_c = (2 \times (f'_{ci})^{1/4} \times 5 \times b \times d) / 1000 = 15.27 \text{ kips}$

$A_v = (V_u) / A_{ps} = 0.08 \text{ in}^2$

$V_u = \text{ps} \times (A_v \times (f_{st})^{1/4} \times 1000 \times d \times b) = 17.29 \text{ kips}$

$R_o = \text{MAXIMUM SHEAR} = P = 5.50 \text{ kips}$

$1.5 \times 1.5 = 2.25 > 1.5 \text{ YES SPIRAL TIES @ 8" O.C.}$

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**NATURAL ANALYSIS - BEACH CAP DESIGN**

|              |                 |
|--------------|-----------------|
| Residence    | Danmon Holdings |
| Location     | 94 Palm Ave     |
| Municipality | Miami Beach     |
| Drawing Ref  | 94danmon        |
| Date         | 3/23/02         |

**Specific Data**

|   |                              |
|---|------------------------------|
| inc - Cap Width                           | 3 00 feet                    |
| inc - Distance to Extreme Fiber - Width   | 33 in                        |
| n - Cap Depth                             | 1 17 feet                    |
| dn - Distance to Extreme Fiber - Depth    | 11 ft                        |
| dc - Density of Concrete                  | 150 00 lbm/ft <sup>3</sup>   |
| sdc - King Pin Spacing                    | 10 00 feet                   |
| hslwr                                     | 50000 00 psi - ASTM grade 50 |
| fctcr                                     | 3000 00 psi                  |
| phf - Understrength Factor for Fiberglass | 0 85                         |
| phf - Understrength Factor for Steel      | 2 00                         |

LATERAL LOADING - SIMPLY SUPPORTED WITH POINT LOAD AT CENTER = CAP FORCE  
 $R =$  Reaction Per Tower Ft = 0.61 tons. From Program

|  |    |               |
|--|----|---------------|
| L = spec                               | =  | 10.00 feet    |
| R1 = CAP FORCE = R = L/2               |    | 3.03 kips     |
| a =                                    | ft | feet          |
| b =                                    | ft | feet          |
| Mo - Max Moment = R*L <sup>2</sup> /10 | =  | 6.06 kips ft  |
| Vb - Maximum Shear = R1                |    | 3.03 kips     |
| Mu - Factored Moment = 1.7 * Mo        | =  | 10.30 kips ft |
| Vu - Factored Shear = 1.7 * Vb         | =  | 5.15 kips     |

```

CHECK BEARING
AS Req'd = M / (4 x drc)           0.08 m^2 / ft
Try 85 Area "a" =                   0.31 m^2
Spacing "s" =                       0.75 ft
a / s =                             0.41 m^2 / ft x 0.08 AS Req'd
Use min. 85 at 8" o.c.

```

CHECK SHEAR

|   |   |                   |
|---|---|-------------------|
| $V_c = (\phi \cdot S = 2 \times (f'_{cCap})^0.5 \times d_{wc} \times h) / 1000 =$ | 43.03 kips  |                   |
| Wuphds - $V_c =$  | -36.97 < S = $(f'_{cCap})^0.5 \times d_{wc} \times h =$ | 252.80 kips, O.K. |
| $\phi S \leq V_c =$   | 36.58 > $V_u =$   | 6.16 kips         |

Use nominal #3 Bars @ 18"  
#3's at 3" Bottom Flats

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John H. Crestler, P.E.  
FL License #62733 / EB # 9011  
Dynamic Engineering Solutions, Inc.  
3411 NW 5th Ave, Suite 706  
Oakland Park, FL 33309

| MAXIMUM STRENGTH IN TRUSS DECK |                        |
|--------------------------------|------------------------|
| Residence                      | Donner Holdings        |
| Location                       | 94 Palm Ave            |
| Municipality                   | Idaho Beach            |
| Drawing Ref                    | 94donner<br>-see 10002 |

|  |             |
|--|-------------|
| Synthetic Data                             |             |
| LL - 9C per = 4                            | 84 per      |
| DL - 8 per = 7                             | -3.6 per    |
| <b>Joint Calculations</b>                  |             |
| n = Joint Width (in)                       | 7.25 ft     |
| z <sub>1</sub> = Joint Depth (in)          | 2.5 ft      |
| z <sub>2</sub> = Joint Separation (in) * 3 | 2.9 CPM * 3 |
| diagonal joint T                           | 1.9 ft      |

[illegible]

|  |                         |
|--|-------------------------|
| <b>Subsampler Calculations</b>                     |                         |
| 1. Sub-sampler Width (in):                         | 2.5 in                  |
| 2. Sub-sampler Depth (in):                         | 11.25 in                |
| 3. Sub-sampler Section Modulus (in <sup>3</sup> ): | 52.734 in <sup>3</sup>  |
| 4. Weight of Load / Sub-sampler (lb):              | 5.200 lb                |
| 5. Mass Length of Sub-sampler (in):                | 9.00 in                 |
| 6. Bending:  | 12000 psi 48 NDS        |
| 7. Size Fact. = (12000/150):                       | .081397                 |
| 8. Use Face Load:                                  |                         |
| 9. Representative Fact. (only 10):                 |                         |
| 10. Use Wave Service Factor:                       |                         |
| 11. Shear Factor:                                  |                         |
| 12. $F_v = C_v + C_u + C_r + C_s + C_m + C_n$      | 1.027341                |
| 13. C <sub>v</sub> : Duration Factor:              | 1.25 / 2.5 = 0.50       |
| 14. $C_u = (D_L + D_L) + m \cdot C_v$              | 250 + 40 = 290          |
| 15. $C_r = 1.2 / (235 + 1.25 \cdot C_v)$           | 8 / 100 = 0.08          |
| 16. $C_s = (16000 / 2) \cdot (1.6 / 18)$           | 3652.80                 |
| 17. $C_m = 1.2 / (235 + 1.25 \cdot C_v)$           | 959.40 psi              |
|  | Delaware Park, IL 63303 |
|  | 10/27/2016              |

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7/4

9/25/02 s/c

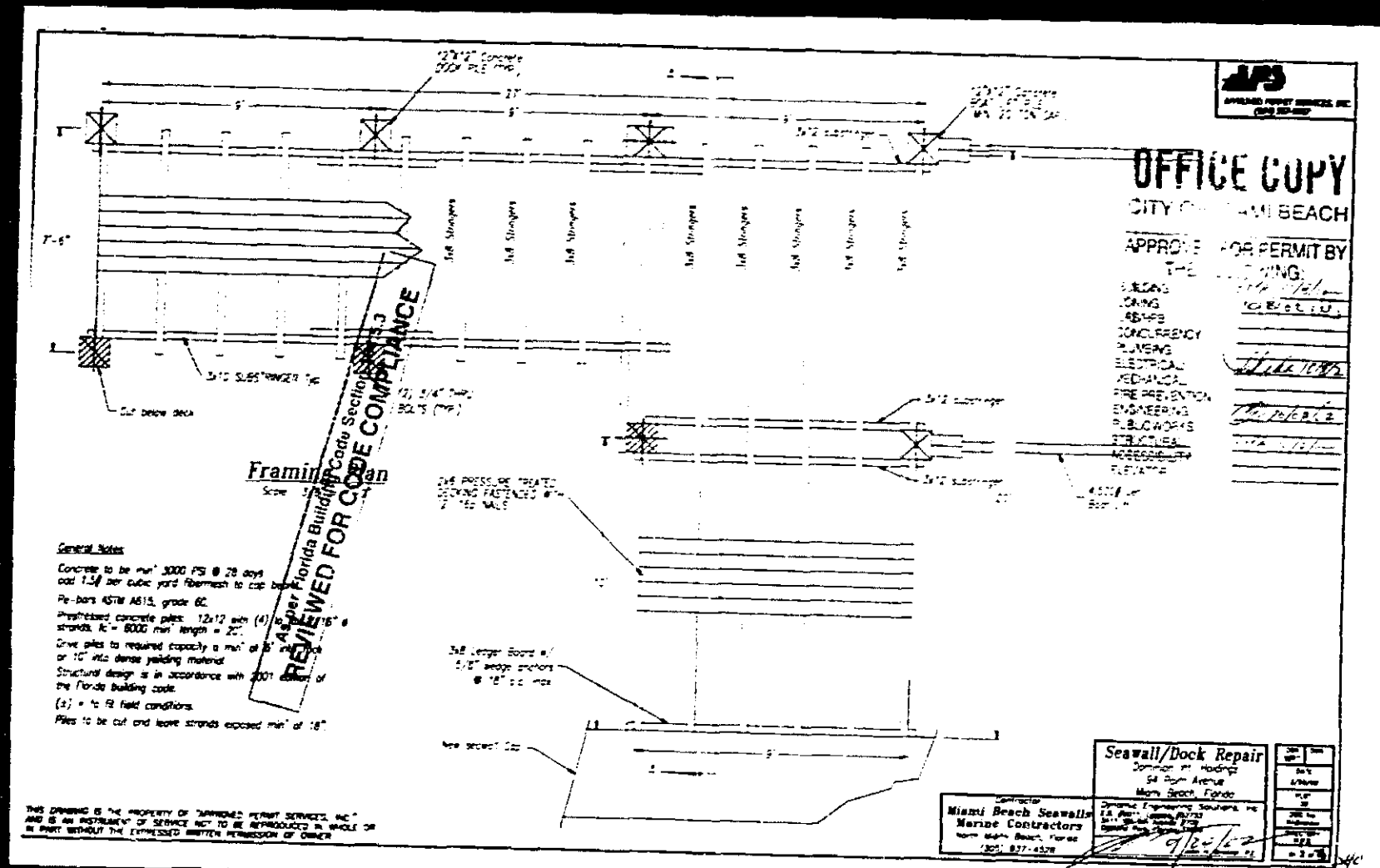
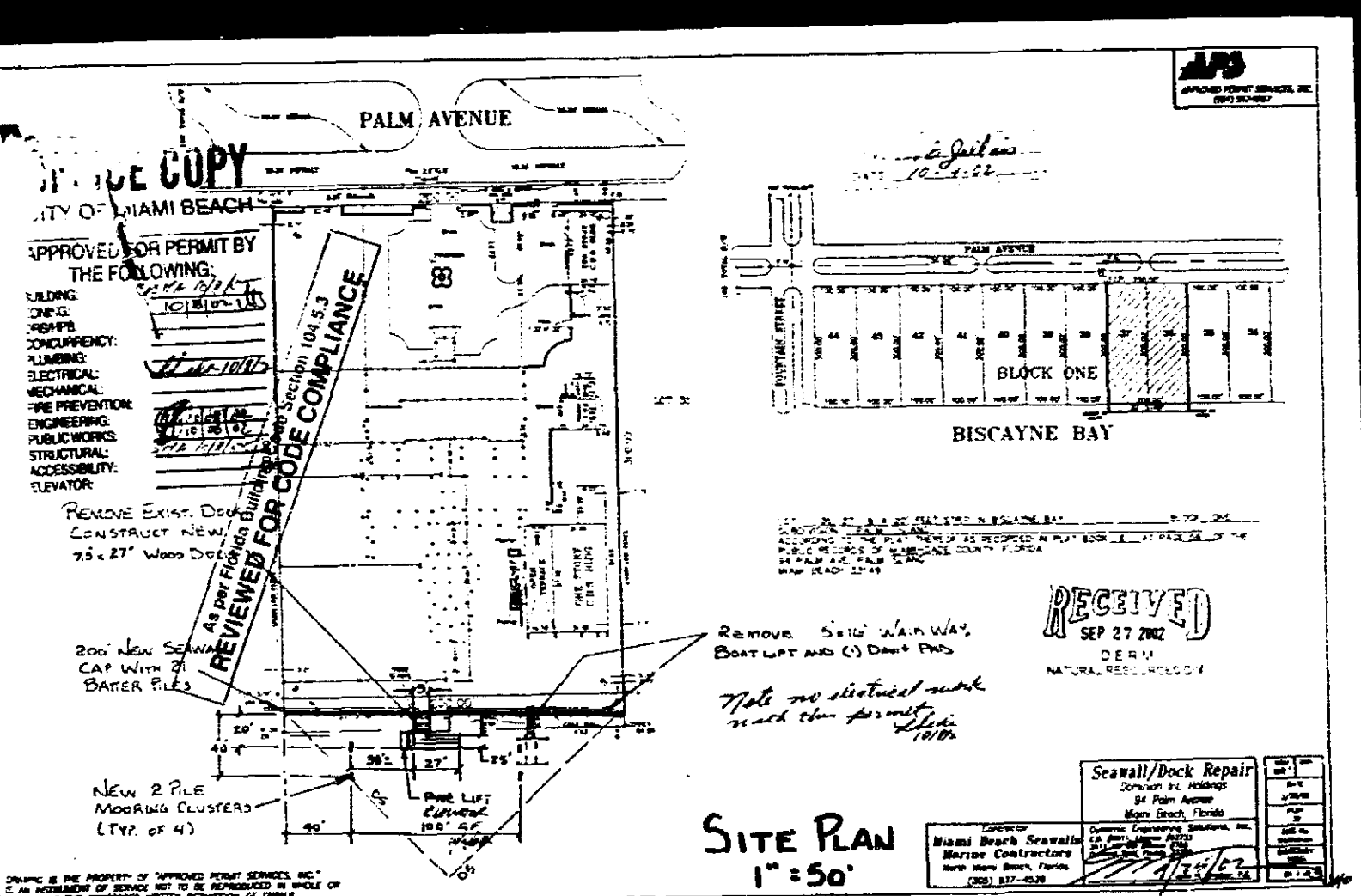
3011 100th Ave SE, Box 100, Gig Harbor, WA 98543  
John W. Chappell, PE, RPE, RSE, RCE, RLE, RSE, RSE  
Tel: 254-583-0887  
Fax: 254-583-0887

9/25/02

SPW911.12

**Dynamic Engineering Solutions, Inc.**

#### KEY CONCEPT





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View Facing: NorthSouthEastWestTop

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For inquiries and suggestions email us at <http://www.miamidade.gov/PAPortal/ContactForm/ContactFormMain.aspx>.



8:42 AM

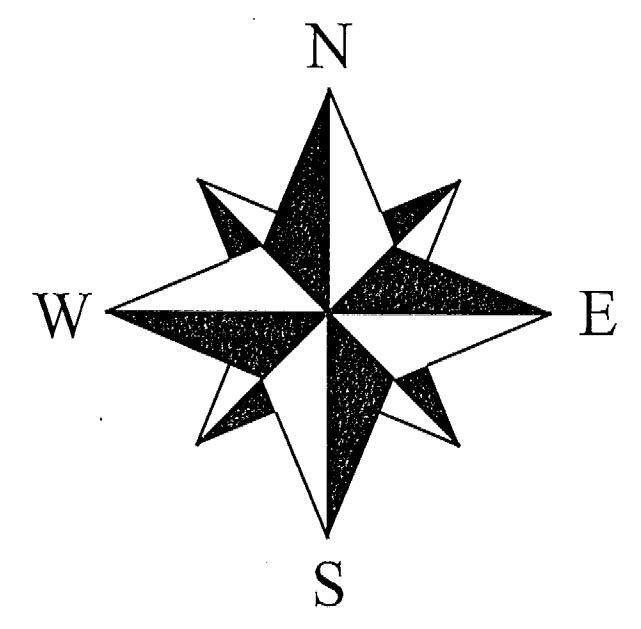
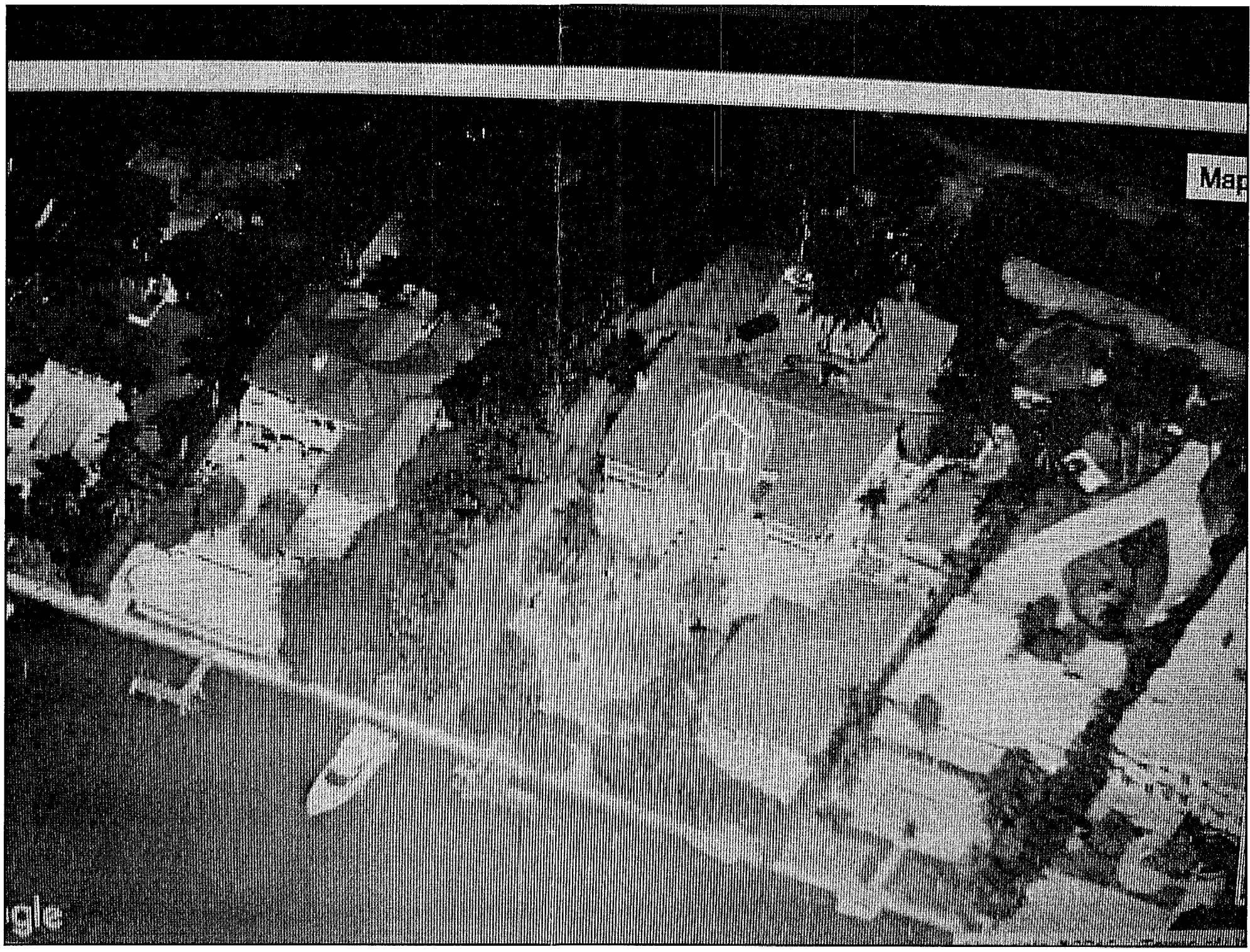
10/11/2016



ABBREVIATIONS

|                             |                               |
|-----------------------------|-------------------------------|
| ARCH - ARCHITECTURAL        | JT - JOINT                    |
| B - BOTTOM                  | CJ - CONSTRUCTION JOINT       |
| BLDG - BUILDING             | L - ANGLE                     |
| BM - BEAM                   | LW - LONG WAY                 |
| BAL - BALANCE               | LE - LEFT END                 |
| CH - CHANNEL                | MAX - MAXIMUM                 |
| CP - CAST IN PLACE          | MECH - MECHANICAL             |
| CJ - CONTROL JOINT          | MTL - METAL                   |
| CL - CENTERLINE             | MIN - MINIMUM                 |
| CL - CLEAR                  | MISC - MISCELLANEOUS          |
| CMU - CONCRETE MASONRY UNIT | (N) - NEW                     |
| COL - COLUMN                | NS - NEAR SIDE                |
| CONC - CONCRETE             | NTS - NOT TO SCALE            |
| CONT - CONTINUOUS           | O.C. - ON CENTER              |
| DBL - DOUBLE                | OPNG - OPENING                |
| DIL - DETAIL                | PL - PLATE                    |
| DIA - DIAMETER              | PLF - POUNDS PER LINEAR FOOT  |
| DM - DIMENSION              | PSF - POUNDS PER SQUARE FOOT  |
| DN - DOWN                   | PSI - POUNDS PER SQUARE INCH  |
| DWG - DRAWING               | PT - PRESURE TREATED          |
| EA - EACH                   | R - RADIUS                    |
| EF - EACH FACE              | REINF - REINFORCING           |
| EJ - EXPANSION JOINT        | REQD - REQUIRED               |
| EL - ELEVATION              | SCHED - SCHEDULE              |
| ELEV - ELEVATOR             | SECT - SECTION                |
| EQ - EQUAL                  | SM - SIMILAR                  |
| EW - EACH WAY               | SO - SQUARE                   |
| EPC - EPOXY COATED REINF    | STD - STANDARD                |
| (E) - EXISTING              | STL - STEEL                   |
| EXP - EXPANSION             | STRUCT - STRUCTURAL           |
| EE - EACH END               | T/O - TOP OF                  |
| FF - FINISH FLOOR           | T/S - TOP OF SLAB             |
| FND - FOUNDATION            | T/ - TOP                      |
| FS - FAR SIDE               | TEMP - TEMPERATURE            |
| FT - FOOT                   | T/S - TOP OF STEEL            |
| FTG - FOOTING               | TYP - TYPICAL                 |
| FL - FULL LENGTH            | UNL. - UNLESS NOTED OTHERWISE |
| GA - GAGE                   | VERT - VERTICAL               |
| GALV - GALVANIZED           | W/ - WITH                     |
| HORIZ - HORIZONTAL          | WFW - WELDED WIRE FABRIC      |
| HI - HIGH                   |                               |
| INFO - INFORMATION          |                               |
| INT - INTERIOR              |                               |

PROJECT LOCATION



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

|                  |  |
|------------------|--|
| BUILDING:        |  |
| ZONING:          |  |
| PLUMBING:        |  |
| ELECTRICAL:      |  |
| MECHANICAL:      |  |
| FIRE PREVENTION: |  |
| FLOOD:           |  |
| PUBLIC WORKS:    |  |
| STRUCTURAL:      |  |
| ELEVATOR:        |  |
| ROOFING:         |  |

NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management's districts, state agencies, or federal agencies.  
The City of Miami Beach assumes no responsibility for accuracy of or results from those plans which are approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

FLORIDA BUILDING CODE 2014 TO INCLUDE THE RESIDENTIAL BUILDING CODE 2014  
ULTIMATE DESIGN WIND SPEED: 170 MPH  
NOMINAL DESIGN WIND SPEED: 132 MPH  
RISK CATEGORY: II  
IMPORTANCE FACTOR: 1.0  
EXPOSURE CATEGORY: B-D  
INTERNAL PRESSURE COEFF: +0.15  
ENCLOSED STRUCTURE  
THE STRUCTURAL COMPONENTS OF THIS PLAN ARE IN COMPLIANCE WITH THE 2014 FLORIDA BUILDING CODE, WIND LOAD COMPLIANCE AND ITS RESISTANCE TO GRAVITY AND DESIGN PRESSURES ROOF LIVE 20 PSF

FLORIDA BUILDING CODE 2014 MECHANICAL  
IN ACCORDANCE WITH FS471.003 THE MECHANICAL PORTION OF THESE PLANS DO NOT REQUIRE SIGNING AND SEALING

FLORIDA BUILDING CODE 2011 ELECTRICAL  
IN ACCORDANCE WITH FS471.003 THE ELECTRICAL PORTION OF THESE PLANS DO NOT REQUIRE SIGNING AND SEALING

FLORIDA BUILDING CODE 2014 PLUMBING  
IN ACCORDANCE WITH FS471.003 THE PLUMBING PORTION OF THESE PLANS DO NOT REQUIRE SIGNING AND SEALING

| DRAWING INDEX |   |
|---------------|---|
| SHEET #       | SHEET DESCRIPTION   |
| CS<br>A1      | COVER SHEET<br>EXISTING & REPLACEMENT<br>ELEVATION WITH TRELLIS |
| A2            | SECTIONS TRELLIS & DETAILS                                      |

| DESIGN PARAMETERS   |   |
|---|---|
| APPLICABLE CODES:<br>BUILDING CODE= 2014 FLORIDA BUILDING CODE MECHANICAL CODE= FLORIDA BUILDING CODE, MECHANICAL 2014 PLUMBING CODE= FLORIDA BUILDING CODE, PLUMBING 2014 ELECTRICAL CODE= N.E.C. 2011 LIFE SAFETY CODE= 2014 FLORIDA FIRE PREVENTION CODE 5th ADDITION ACCESSIBILITY CODE= FLORIDA BUILDING CODE, BUILDING 2014 ENERGY CODE= FLORIDA BUILDING CODE, BUILDING 2014 | BUILDING CONSTRUCTION TYPE:<br><input type="checkbox"/> TYPE I <input type="checkbox"/> TYPE IV<br><input type="checkbox"/> TYPE II-B <input checked="" type="checkbox"/> TYPE V-B<br><input type="checkbox"/> TYPE III   |
| BASIC WIND SPEED:<br><input checked="" type="checkbox"/> 170 MPH (3-SECOND GUST)= 132 MPH (FASTEST MILE)<br><input type="checkbox"/> 150 MPH (3-SECOND GUST)= 116 MPH (FASTEST MILE)<br><input type="checkbox"/> 140 MPH (3-SECOND GUST)= 108 MPH (FASTEST MILE)  | EXPOSURE CATEGORY:<br><input type="checkbox"/> A <input type="checkbox"/> C<br><input checked="" type="checkbox"/> B <input type="checkbox"/> D   |
| IMPORTANCE FACTOR:<br><input type="checkbox"/> 0.77 (BUILDING CATEGORY I) <input type="checkbox"/> 1.15 (BUILDING CATEGORY III)<br><input checked="" type="checkbox"/> 1.00 (BUILDING CATEGORY II) <input type="checkbox"/> 1.15 (BUILDING CATEGORY IV)   | WINDBORNE DEBRIS REGION:<br><input type="checkbox"/> NO<br><input checked="" type="checkbox"/> YES<br><input type="checkbox"/> IMPACT RESISTANT GLAZING<br><input type="checkbox"/> IMPACT RESISTANT COVERING<br><input checked="" type="checkbox"/> COMBINATION OF IMPACT RESISTANT GLAZING / COVERING |
| BUILDING OCCUPANCY CLASSIFICATION:<br><input type="checkbox"/> GROUP A - ASSEMBLY<br><input type="checkbox"/> GROUP B - BUSINESS<br><input type="checkbox"/> GROUP D - DAY CARE CENTER<br><input type="checkbox"/> GROUP E - EDUCATIONAL<br><input type="checkbox"/> GROUP F - FACTORY INDUSTRIAL<br><input type="checkbox"/> GROUP H - HAZARDOUS                                   | INTERNAL PRESSURE COEFFICIENTS:<br><input type="checkbox"/> 0.00 (OPEN)<br><input checked="" type="checkbox"/> + 0.18, -0.18 (ENCLOSED)<br><input type="checkbox"/> + 0.55, -0.55 (PARTIALLY ENCLOSED)  |
| <input type="checkbox"/> GROUP I - INSTITUTIONAL<br><input type="checkbox"/> GROUP M - MERCANTILE<br><input checked="" type="checkbox"/> GROUP R - RESIDENTIAL<br><input type="checkbox"/> GROUP S - STORAGE<br><input type="checkbox"/> GROUP U - UTILITY/MISC.  | NOTES:<br>ALTERATION - LEVEL 2<br>2010 NFPA CHAPTER 43 - MODIFICATION   |

General Contractor:

Structural Engineers:

Project:

PERMIT DRAWINGS FOR:  
WOOD BEAM &  
TRELLIS REPLACEMENT  
94 PALM AVENUE  
MIAMI BEACH, FLORIDA 33139  
(305) 345-2320

Architect:

JAMES C. GRIFFIN  
ARCHITECT # A12548  
7221 PALM BLVD  
PARKLAND, FLORIDA 33067

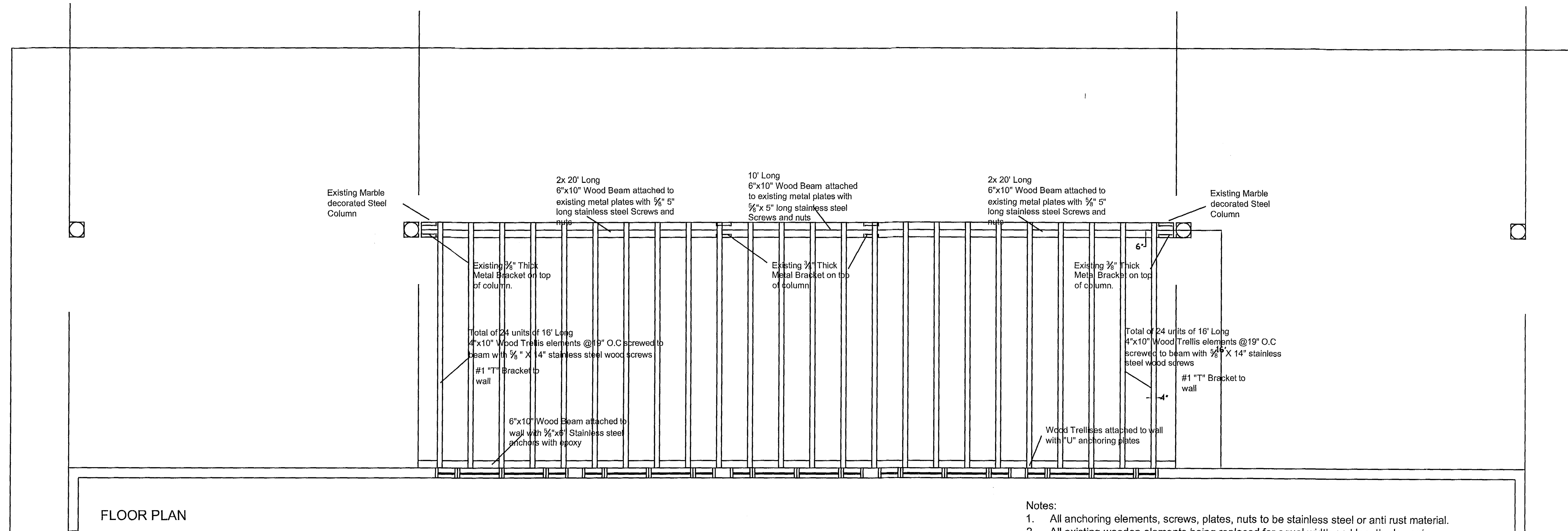
IN MY PROFESSIONAL JUDGEMENT AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THESE PLANS AND THE SPECIFICATIONS COMPLY WITH THE FLORIDA BUILDING CODE AND ALL APPLICABLE CODES.

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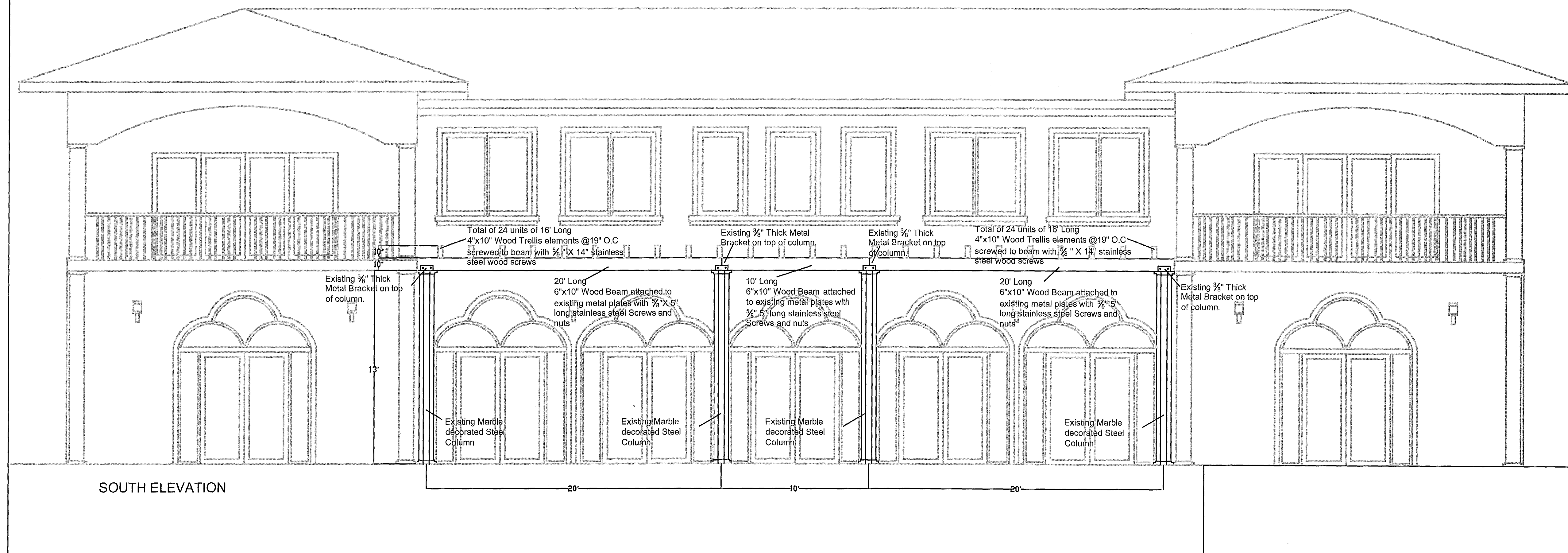
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ISSUE DATE: 10/10/2016  
PROJ. NO. 08-10-2016  
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- Notes:
1. All anchoring elements, screws, plates, nuts to be stainless steel or anti rust material.
  2. All existing wooden elements being replaced for equal width and length elements.
  3. All steel columns and plates are existing.



General Contractor:

Structural Engineers:

Project:

PERMIT DRAWINGS FOR:  
WOOD BEAM &  
TRELLIS REPLACEMENT  
94 PALM AVENUE  
MIAMI BEACH, FLORIDA 33139  
(305) 345-2320

Architect:

JAMES C. GRIFFIN  
ARCHITECT #A12548  
305 345 2320  
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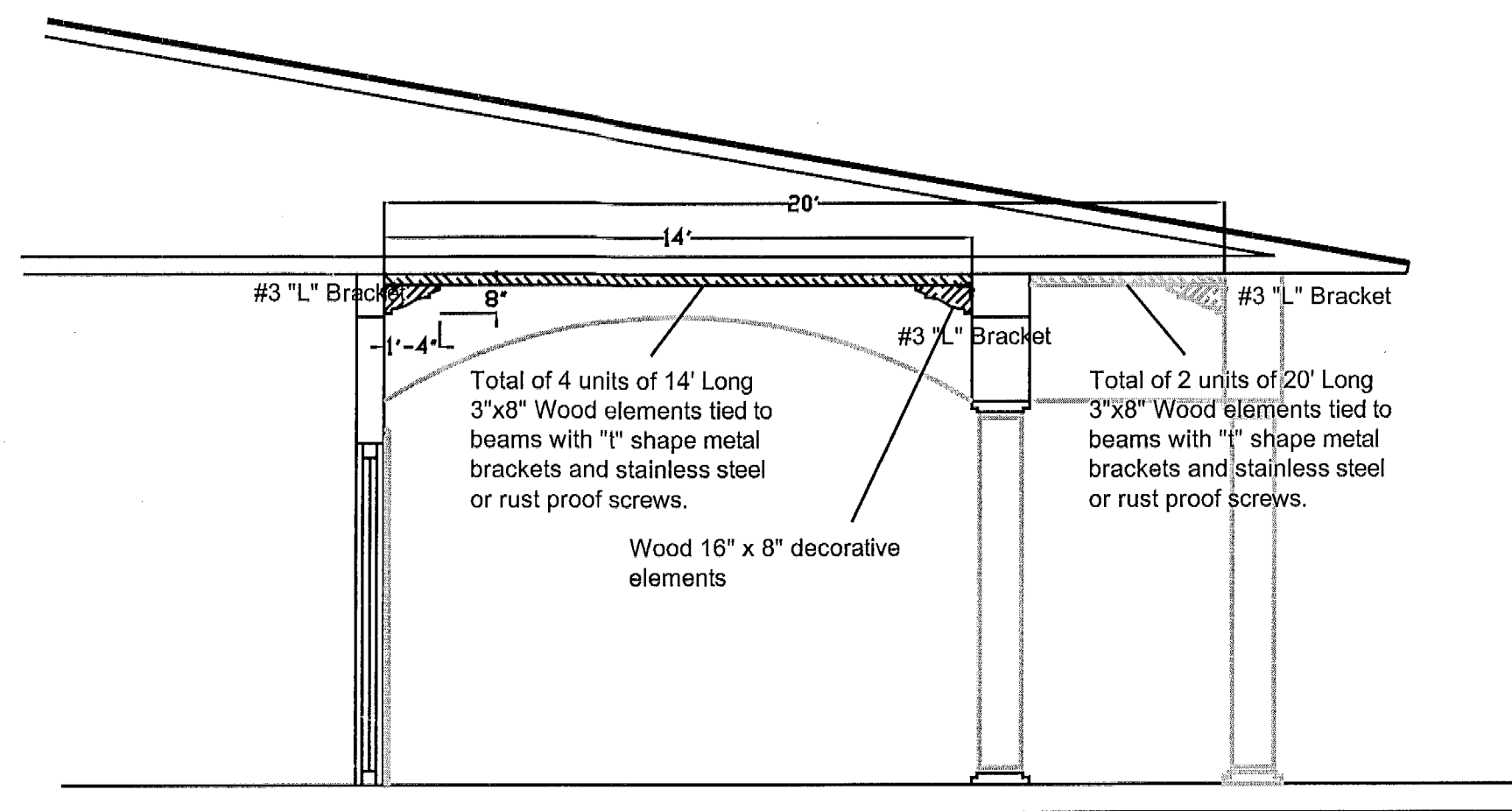
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SCALE: AS SHOWN

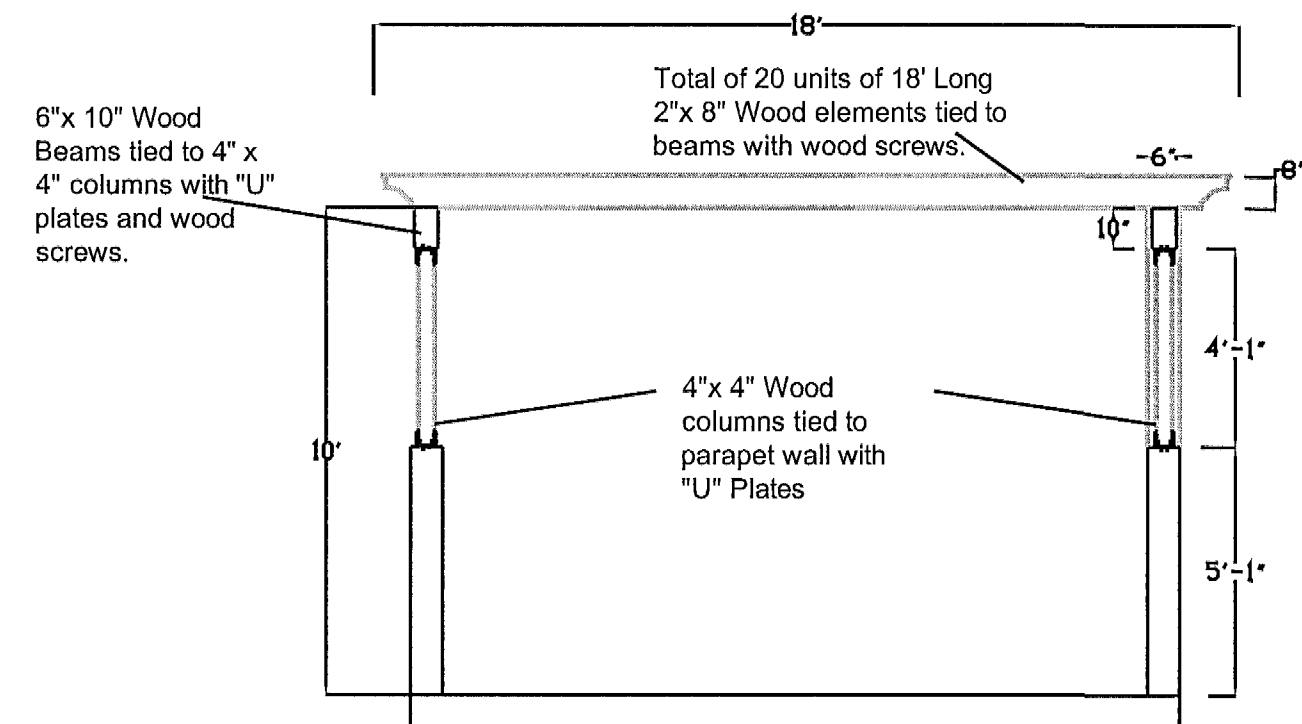
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POOL HOUSE DECORATING ELEMENTS

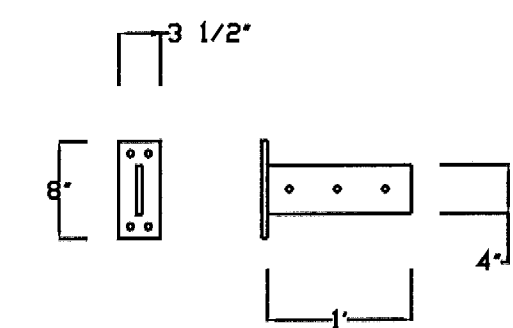


EQUIPMENT AREA SECTION

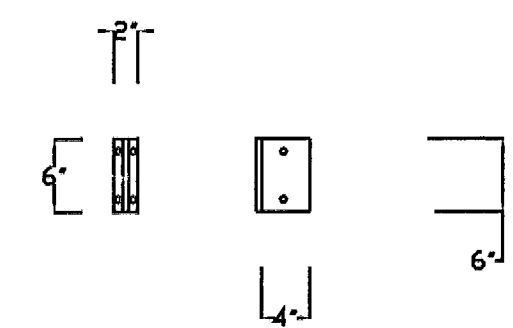
- Notes:
1. All anchoring elements, screws, plates, nuts to be stainless steel or rust proof material.
  2. All existing wooden elements being replaced for equal width and length elements.
  3. All decorations, steel columns and plates are existing.

Custom  $\frac{3}{8}$ " stainless steel brackets:

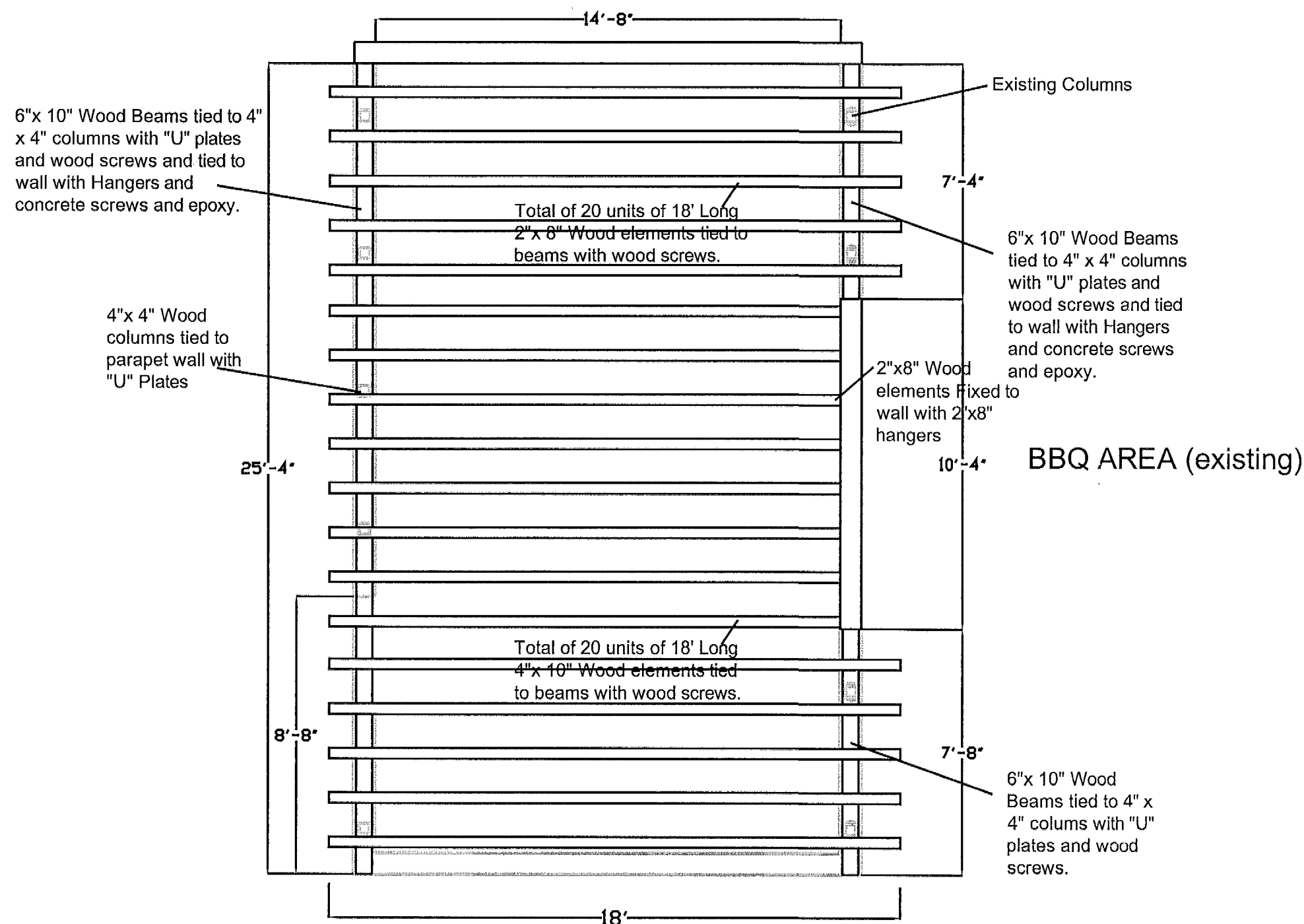
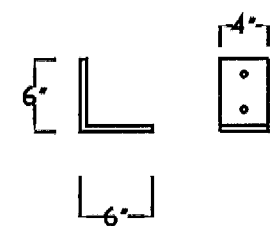
#1 "T" Bracket



#2 "T" Bracket



#3 "L" Bracket



EQUIPMENT AREA FLOOR PLAN

General Contractor:

Structural Engineers:

Project:

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