

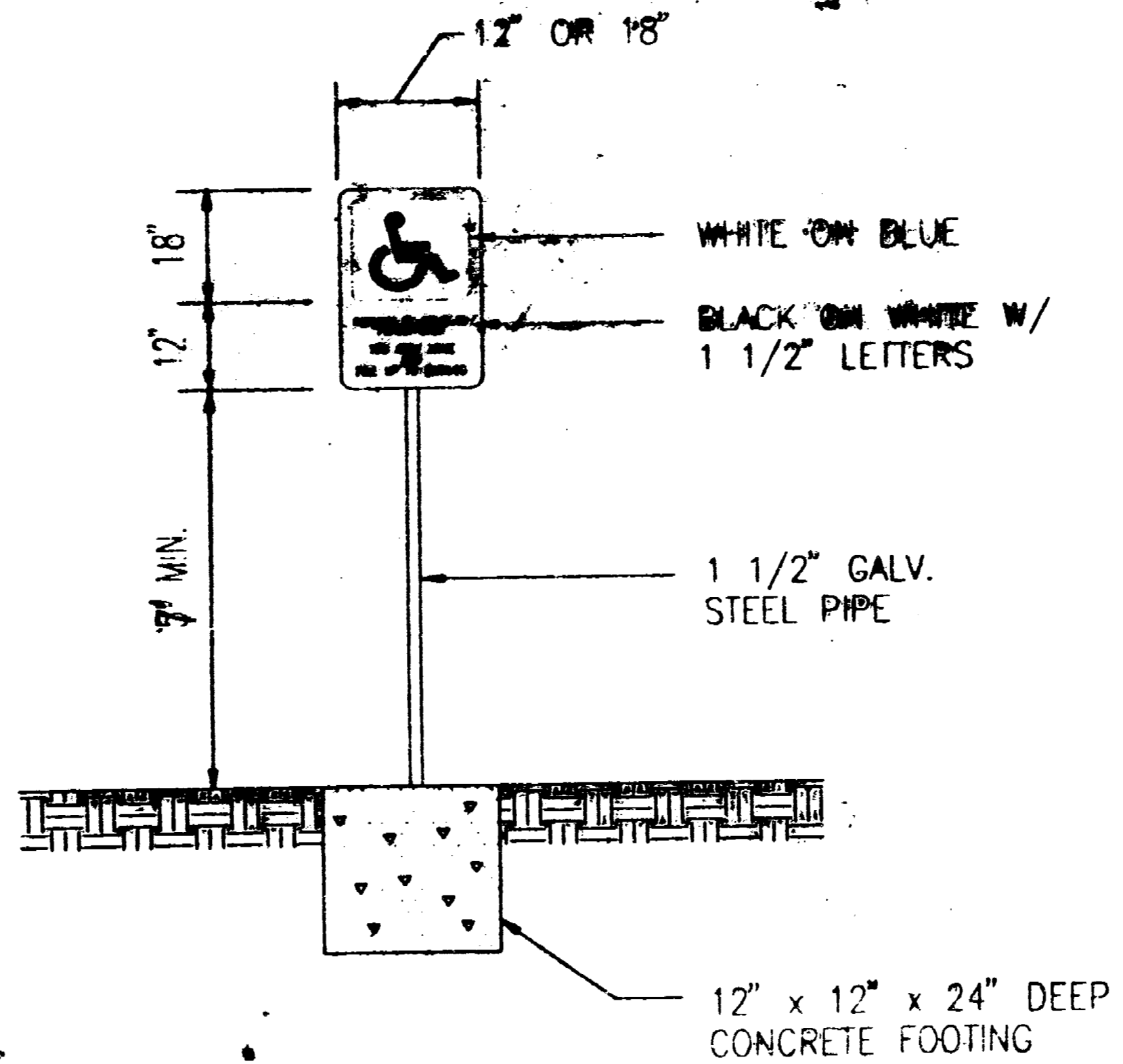
PERMIT NUMBER

B9601207

ADDRESS

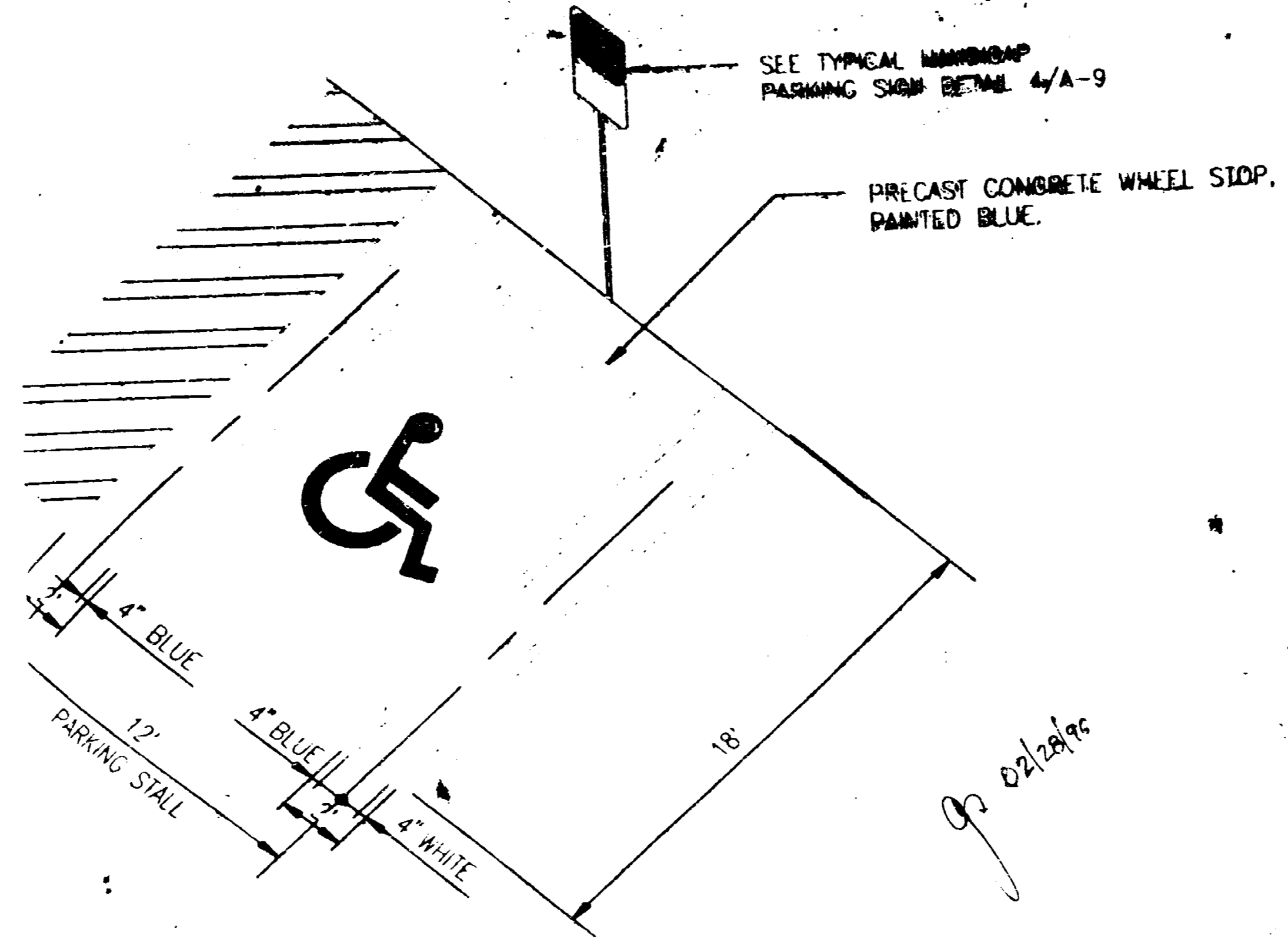
43

43



ACCESSIBLE
TYPICAL HANDICAP
④ PARKING SIGN DETAIL

02/28/96



ACCESSIBLE
HANDICAP PARKING STALL
N.T.S.

43

1500 BAY ROAD - MORTON TOWERS
Landscape Review, Parking Lot 2/15/96

1. The swale area on the exterior of the wall shall be planted with Mahogany trees, staggered with those proposed on the interior of the wall. The trees planted outside of the wall shall be the same size as those proposed for the interior planting (no less than eight trees).
2. The proposed size of the Mahogany tree at 8'-10' is inadequate at this preliminary planting time. The size of the tree, in order to establish a more substantial canopy cover, shall be increased to 12'-14'.
3. Proposed trees for the proposed parking lot shall be increased in number by 5.
4. Wheel stops shall be affixed.
5. An irrigation system shall be included for 100% coverage and shall include a rain sensor that will shut the system off in the event of rain.
6. Individual car bays shall be painted.

43

Done
2/29/96

- 1 - The perimeter wall along all of 14th Street and all of Bay Road (beyond the limits of the variance request) shall be repaired and repainted in a manner determined acceptable by the Planning.
- 2 - The landscaping plan showed on page 2 of 2, indicates existing and new trees, and the notes on page 1 explains what is new.
- 3 - The parking space shall be concrete wheels stops.
- 4 - The existing globe light shall be replaced by security lights, and the lights shall be shielded to avoid direct light beyond the property line.
- 5 - The parking are has appropriate drainage, and was approved by the Public Works Department.

DO
NOT
REMOVE

43

BEFORE THE BOARD OF ADJUSTMENT
OF MIAMI BEACH, FLORIDA

MEETING DATE: JULY 7, 1995
FILE NO. 2453

IN RE: The application of
MORTON TOWERS
1500 BAY ROAD
LOT 6 LESS SOUTH 1 FT., AND ALL OF LOT 7
BLOCK 43; ALTON BEACH BAYFRONT SUB.
PB 4/125

ORDER

The applicant, Morton Towers, filed an "After The Fact" application with the Planning, Design and Historic Preservation Division for variances in order to retain 52 additional parking spaces converted from two tennis courts:

1. Applicant wishes to waive 15'-0" of the minimum required 20'-0" front yard setback for parking in a residential district in order to retain the above described parking lot 5'-0" from the front property line facing Bay Road.
2. Applicant wishes to waive 53'-8" of the minimum required 60'-0" side yard setback for parking in order to retain the above described parking lot 6'-4" from the side property line facing 14th Street.

Notice of the request for variance was given as required by law and mailed to owners of property within a distance of 375 feet of the exterior limits of the property on which application was made. The Board finds that the property in question is located in the RM-3 Zoning District. The Board further finds:

That special conditions and circumstances exist which are peculiar to the land, structure, or building involved and which are not applicable to other lands, structures, or buildings in the same zoning district;

That the special conditions and circumstances do not result from the action of the applicant;

That granting the variance requested will not confer on the applicant any special privilege that is denied by this Ordinance to other lands, buildings, or structures in the same zoning district;

continued . . .

43

OFF. REC. 16870-2870

File No. 2453
Morton Towers
1500 Bay Road

That literal interpretation of the provisions of this Ordinance would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district under the terms of this Ordinance and would work unnecessary and undue hardship on the applicant;

That the variance granted is the minimum variance that will make possible the reasonable use of the land, building or structure;

That the granting of the variance will be in harmony with the general intent and purpose of this Ordinance and that such variance will not be injurious to the area involved or otherwise detrimental to the public welfare.

IT IS THEREFORE ORDERED, by the Board, that the variances as requested and set forth above be APPROVED with the following conditions to which the applicant has agreed:

1. The perimeter wall along all of 14th Street and all of Bay Road (beyond the limits of the variance request) shall be repaired and repainted in a manner determined acceptable by the Planning, Design and Historic Preservation Division and maintained in a good condition.
2. The landscape plan for the parking area shall be revised to clearly indicate existing trees. The new mahogany trees shall be (no less than 12'-14' in height at planting) and increased in number to the extent necessary to be planted twenty feet, on center from each other and pre-existing trees.
3. All parking spaces shall have concrete wheel stops.
4. The existing globe lights shall be replaced with more appropriate security lighting, of a design and location to be approved by staff; the new lighting shall be shielded so as not to cast direct light beyond the property line.
5. The parking area shall have appropriate drainage, to be approved by the Public Works Department.
6. The project shall be completed within three (3) months of this hearing, including compliance with all of the above conditions.

continued . . .

43

OFF. REC. 16870-2871

File No. 2453
Morton Towers
1500 Bay Road

PROVIDED, the applicant shall build in accordance with the plans submitted as part of this file and as approved by the Zoning Board of Adjustment with any applicable modifications. The applicant shall take all necessary steps to have a building permit issued by the Building Department within a period of six (6) months from the date of hearing (July 7, 1995), unless the Board specifies a more restrictive time limitation, otherwise this Order shall become null and void, unless the issuance of such permit is stayed by an appeal to the appropriate court. This Order does not constitute a permit, but upon presentation of this Order to the Planning, Design and Historic Preservation Division, a permit shall be approved and processed in accordance and pursuant to the ordinances of the City of Miami Beach.

Dated this 26 day of July, 1995.

BOARD OF ADJUSTMENT OF
THE CITY OF MIAMI BEACH,
FLORIDA

BY: Jeffrey Bercow
JEFFREY BERCOV
CHAIRMAN

STATE OF FLORIDA)
)SS
COUNTY OF DADE)

The foregoing instrument was acknowledged before me this
26 day of July, 1995 by Jeffrey Bercow
who is personally known to me or who has produced
_____ as identification and who did/did not take an
oath.

Laurel Mansure
NOTARY PUBLIC (signature)

My commission expires _____

Approved As To Form:
Planning, Design and Historic Preservation Division
Legal Department

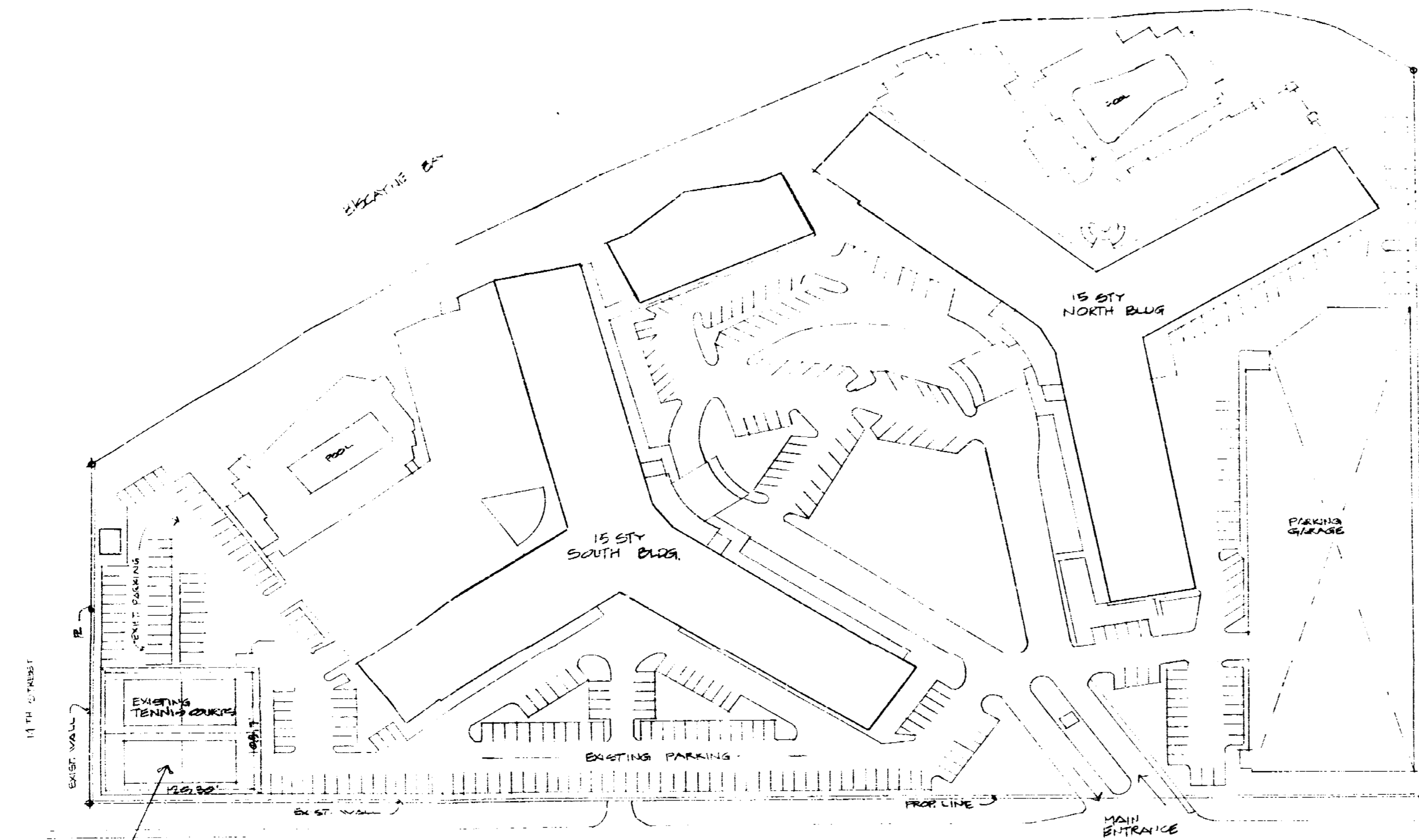
DJG/ah
C:\WP\ZBA\FINALORD\2453.ORD

NOTARY PUBLIC
STATE OF FLORIDA
LAUREL M. MANSURE
COMMISSION NO. CC-374891
MY COMMISSION EXPIRES
MAY 22, 1998

(S)
(S)

RECORDED IN OFFICIAL RECORDS BOOK
OF DADE COUNTY, FLORIDA.
RECORD VERIFIED
HARVEY RUVIN,
Clerk of Circuit & County
Courts

43

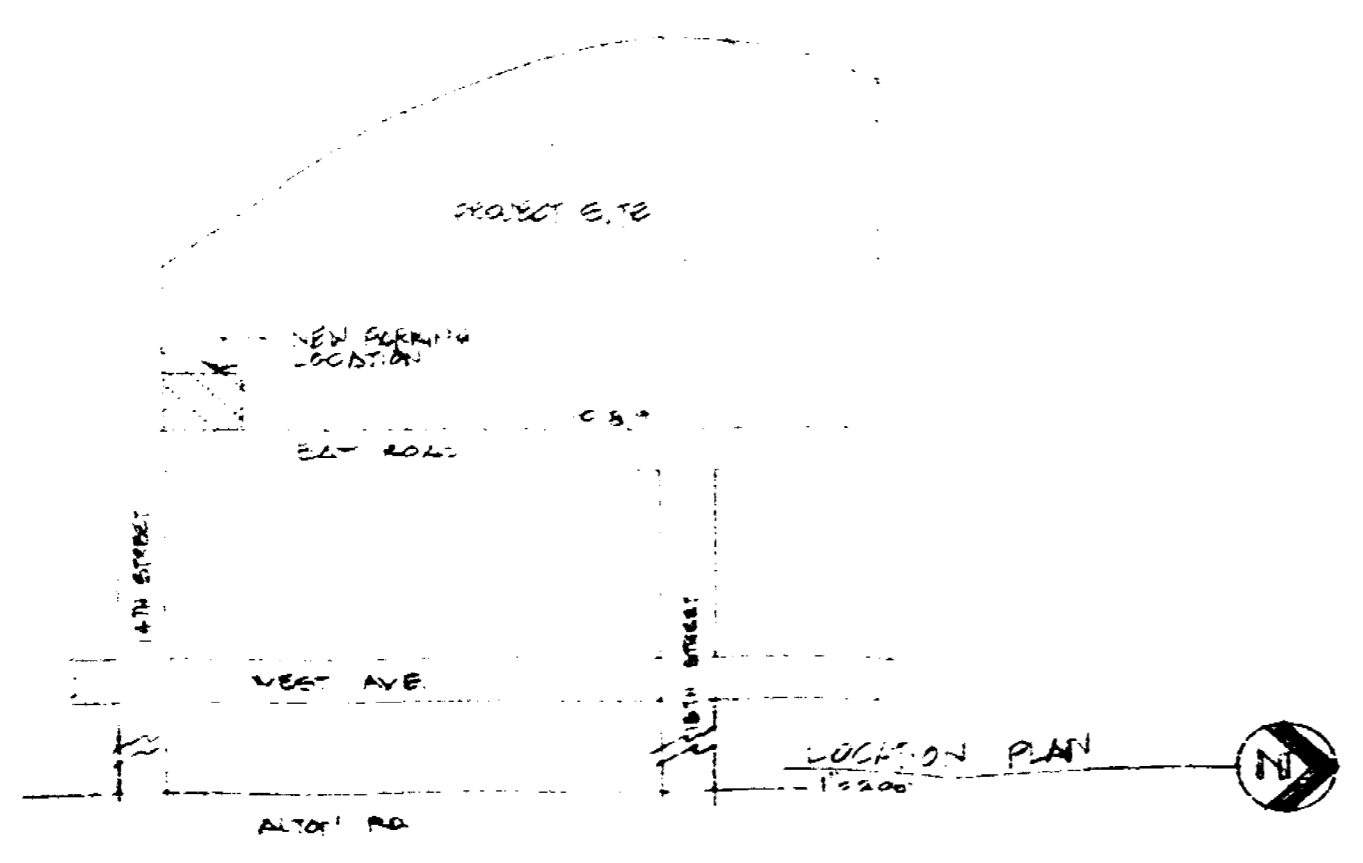


EXISTING TENNIS COURT LOCATION TO BE CONVERTED INTO NEW PARKING. SEE SHEET 2

SITE PLAN
SCALE 1" = 50'

LEGAL DESCRIPTION
SEE SURVEY

- 1. EXISTING TENNIS COURTS TO BE CONVERTED INTO PARKING
- 2. NEW EXISTING 15' x 15' IS. NEW SURFACE MATERIAL IS ASPHALT PAVING OVER A COMPACTED LIME ROCK
- 3. AREA OF NEW PARKING IS 5,700 SQ. FT.
- 4. DRAINAGE FOR PAVED AREAS IS EXISTING



LOCATION PLAN
SCALE 1" = 200'

2154
2155
AS NOTED

PERMIT COPY
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY THE FOLLOWING:

MECHANICAL:	
ELECTRICAL:	
MECHANICAL:	15/2/2/96
FIRE PREVENTION:	15/2/2/96
ENGINEERING:	15/2/2/96
PUBLIC WORKS:	15/2/2/96
STRUCTURAL:	15/2/2/96
ACCESSIBILITY:	15/2/2/96

APPROVAL
APPROVED WITH
CONDITIONS
DATE

ad
aly
arch

1200 E
MIAMI BEACH
TEL: 375-1200

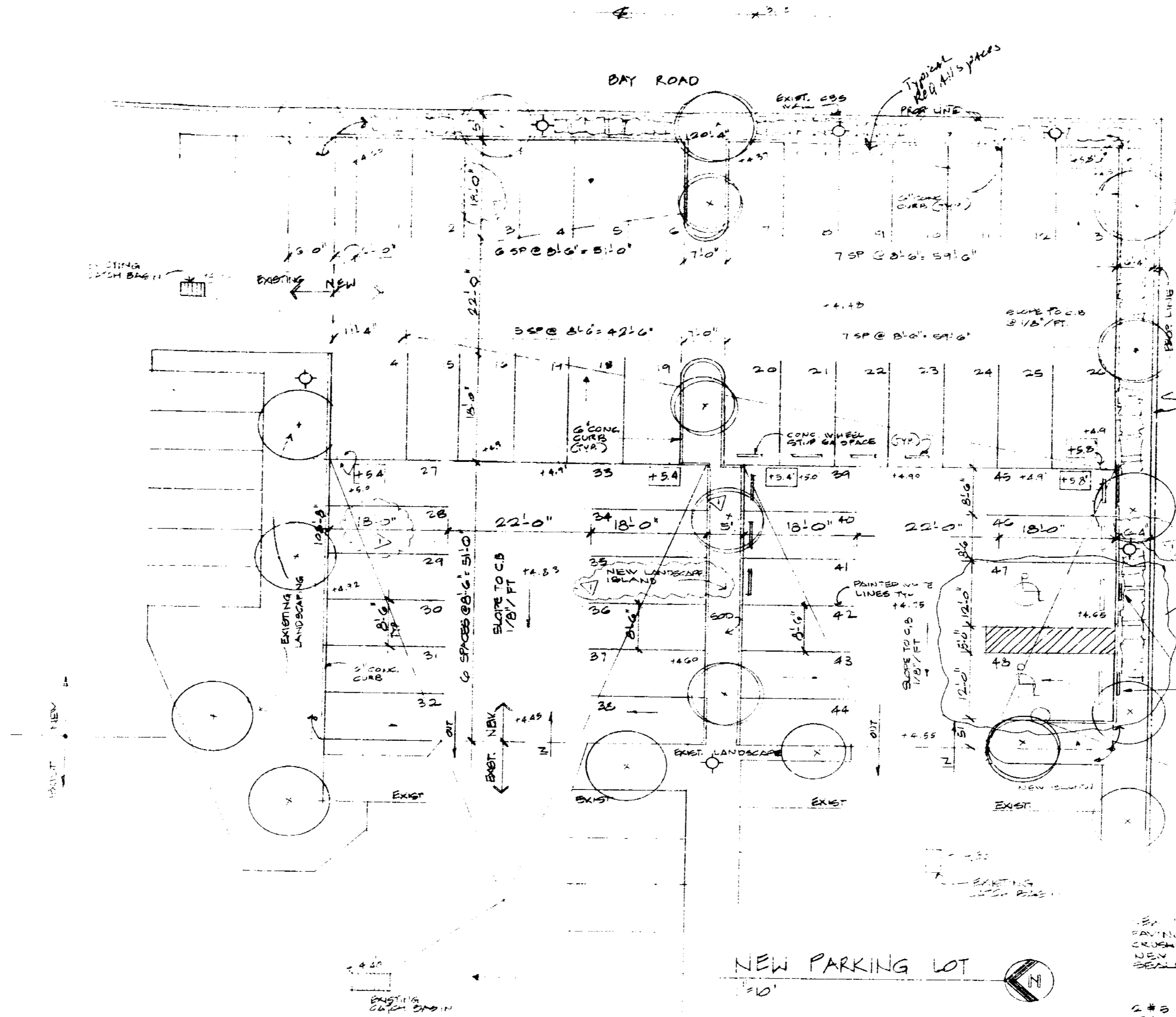
1200 E
MIAMI BEACH
TEL: 375-1200

CONSULT

NEW PARKING BY ARCHITECTURE

SEAL

1/16/96
R. 1006



LEGEND OF SYMBOLS

- +4.15 = EXISTING H.S. ELEVATION
- +5.4 = H.S. (AS ELEVATION)
- = EXIST. TREE
- = EXISTING TREE (E-201)
- = NEW SHADY TREE
- = EXISTING TREE (E-201)

NOTE:
 1. ALL EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED.
 2. ALL NEW TREES TO BE PLANTED AT THE SAME TIME AS THE CONSTRUCTION OF THE PAVEMENT.

TOTAL PAVED AREA 2,775 SQ. FT.
 45 SPACES
 2 SPACES
 48 SPACES

- NOTE:**
1. PROVIDE CONCRETE CURB AT ALL SPACES.
 2. EXISTING PAVING TO REMAIN TO EXISTING CURB BARRIERS. NEW PAVING AREA WILL HAVE SAME DRAINAGE.
 3. GRADE EXISTING TENNIS COURT ADJACENT SURFACE BEHIND NEW PARKING AS SHOWN.

OFFICE COPY
 CITY OF MIAMI BEACH

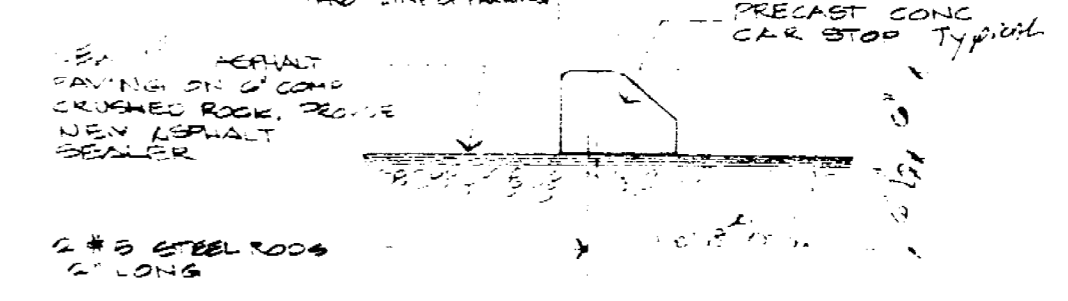
APPROVED FOR PERMIT BY THE FOLLOWING:

SURVEY:	
ZONING:	
ENGINEERING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	(1) 07/28/76

MAXIMUM SLOPE OF 2% ALL DIRECTIONS

ACCESSIBLE HANDICAPPED SIGN MOUNT ON STEEL POST 84" ABOVE GRADE

APPROVAL
 APPROVED WITH CONDITIONS:
 APPROVED DATE:
 BY:



PRECAST CONC. CAR STOP 10' x 10"

Handwritten signature/initials

B9601207

CERTIFICATE OF AUTHENTICITY
END

THIS IS TO CERTIFY THAT THE MICROPHOTOGRAPHIC IMAGES APPEARING ON THIS
ROLL OF MICROFILM ENDING WITH: 110

B 96 01 207

ARE ACCURATE REPRODUCTIONS OF THE RECORDS OF: _____

City of MIAMI BEACH

AND WERE MICROFILMED IN THE REGULAR COURSE OF BUSINESS PURSUANT TO
ESTABLISHED ROUTINE MICROFILM DEPOT POLICY FOR SYSTEMS UTILIZATION AND/
OR FOR THE MAINTENANCE AND PRESERVATION OF SUCH RECORDS THROUGH THE
STORAGE OF SUCH MICROFILMS IN PROTECTED LOCATIONS.

IT IS FURTHER CERTIFIED THAT THE PHOTOGRAPHIC PROCESSES USED FOR MICRO-
FILMING OF THE ABOVE RECORDS WERE ACCOMPLISHED IN A MANNER AND ON
MICROFILM WHICH MEETS THE RECOMMENDED REQUIREMENTS OF THE NATIONAL
BUREAU OF STANDARDS FOR PERMANENT MICROPHOTOGRAPHIC REPRODUCTIONS.

1/28/98
Date Microfilmed

Francisco Pava
Camera Operator

Job Ticket Number

[Signature]
Authorized Signature

Final City Council approval granted on 8/5/59 for 14 story Apt building containing 1,270 apts. Parking space to be provided for all proposed for cars on this permit. TOTAL spaces to be provided for all proposed apts to be 694. 824 (Spot Survey - T.J.F. - 5/8/62)

O.K. Sap-Approved by Council on Jan. 20, 1960, for 14-story bldg containing 1036 apartments, 100 hotel rooms, 14-story bldg made up of 2 Y-shaped & connected structure. This permit for south wing only.
Owner Morton Towers (Flamingo Building Corp.) (SOUTH WING) Permit No. 61257 Cost \$4,000,000.00
Lot 7 Block 43 Subdivision Alton Beach Bay Address 1500 Bay Road 3232-07-003
General Contractor Robert L. Turchin, Inc. Bond No. 6689 598 Unit
Architect Melvin Grossman 8077 Engineer Oboler & Clarke (Guard House)
Zoning Regulations: Use BAA Area 8 Lot Size 400 x 1100 Irreg.
Building Size: Front 64' Depth 600' Height 150' (Total 598 apts.) Stories 14
Certificate of Occupancy No. Partial #3797 Feb. 23, 1961 Use APT. HOTEL: 157 Effys; 28-1 Brm, 1 1/2 Baths; 229-1 Brm, 1 Bath; 170-2 Brm, 2 Baths; 14-3 Brm, 3 Baths.
Type of Construction CBS I Foundation Concrete Piling Roof Flat Date Feb. 18, 1960

PLUMBING Contractor #42529 Markowitz Bros. Sewer Connection 1 Date Aug. 15, 1960
Addition to Permit #42529 is Permit #42572- Sept. 20, 1960 Temporary Water Closet

Water Closets 400 Swimming Pool Traps Down Spouts 5
Lavatories 400 Steam or Hot Water Boilers Wells
Bath Tubs 360 ROUGH APPROVAL O.K. Rothman 12/19.60 (So. Wing) SILL COCKS- 4
Showers 15 FINAL APPROVAL O.K. Rothman 2/23/61 (So. Wing) 1291
Urinals 2
Sinks 300

Dish Washing Machine 100 GAS Contractor Date
Laundry Trays 16 Gas Ranges Gas Frylators
Laundry Washing Machines 30 Gas Water Heaters 2 Gas Pressing Machine
Drinking Fountains Gas Space Heaters Gas Vents for Stove
Floor Drains 16 Gas Refrigerators
Grease Traps Gas Steam Tables
Safe Wastes Gas Broilers GAS Rough APPROVAL
GAS FINAL APPROVAL

AIR CONDITIONING Contractor #64212 Markowitz Bros: 2-500 ton systems - \$300,000 - 2/10/61 O.K. Plaag 2/23/61 Wing) SO.
SEPTIC TANK Contractor OK Plaag 2/28/61
OIL BURNER CONTRACTOR 2
SPRINKLER Contractor

ELECTRICAL Contractor Max Belin. #55961 Date 10/26/60 B & W Elec.
Switches 3750 Ranges 600 Temporary Service #1 (#54899) - 3/17/60, & #55040 - 4/25/60 OK 5/2/60
OUTLETS Lights 4000 Irons 600 Neon Transformers 1 (#55961)
Receptacles 5000 Refrigerators 600 Sign Outlets
T.V. antenna 1 Fans 75 Meter Change
2 (500 HP) 2 (75) 5 (6-10) ----- Motors 700 (0-1) 8 (2-5) Centers of Distributions 610
HEATERS Water Appliances 104 8 (11-25) Service equip. 3
Space T.V. outlets 700 Violations
FIXTURES 4000 Electrical Contractor Date
#55108 Max Belin: Partial Permit - May 11, 1960 (#55233 Max Belin: Partial - 6/6/60

FINAL APPROVAL
By FIDLER
Date 2-22-61
(South Wing)

COASTAL CONTROL ZONE

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

DATE	PROCESS	DESCRIPTION	WORK	CUMULATIVE	APPRAISED BLDG.			BUILDING
ISSUED	NO.	OF WORK	COST	WORK COST	VALUE BEFORE REMODEL	%	COMMENTS	PERMIT NO.
7/13/89		EXT. PRSSR CLEAN/PAINT, N Bldg 693 units	#815.00					B5891699 JSE

1500 Bray Rd

BUILDING PERMITS: #M9645 - Icee Corp. - 1-2 A/C central, duct work only - 12-23-87 Apt. 274
 #M9672 - Acme Chute Co. - Chute Repairs - 1-5-88
 #M8801383 - Alltmeq, Inc. - 1 A/C central - 8-31-88
 #BS891699 - EDDY'S PAINTING & WTRPRFNG - EXT.PRSSR CLEAN/
 PAINT-n BLDG 693 UNITS - 7-13-89 \$815.00
 #BM891112 - A&B A/C - 29000 BTU A/C wind - 8-22-89
 #BM890047 - J&T A/C - 1-29000 BTU A/C wind - 10-18-89

PLUMBING PERMITS: #64974 - 1 Bath Tub, 1 lavatory, 1 sink residence, 1 water closet - 1-14-88

ELECTRICAL PERMITS: #E8800034 - Borges Electrical Contractors - New smoke detectors installation-
 10-7-88
 #E8800335 - Borges Electrical - Smoke detector - 12-14-88
 #E8800347 - Alltem Inc. - 12-19-88 - New central A/C unit

"60016 1/26/82 Rusty Plumbing - water pipe repair

Electrical Permits:



Building Permits:

- #62708 Westinghouse Electric Corp: Install 4 passenger elevators (automatic) 250' per minute, 15 HP motor, capacity 2500#, install 1 servive elevator (automatic) 200' per minute, 20 HP motor, capacity 3500#- \$165,000- Aug. 16, 1960
- #63445 Markowitz Bros: Install 1 fuel oil tank 1000 gal & 500 gal diesel oil tank both underground, Fire Dept #3976 on 10/27/60- \$1,000 - Nov. 2, 1960
- #63762 Acme Septic Co., Inc: Install underground drainage for parking area- Architect-Bailey Breedlove-\$13,000-11/30/60
- #63910 Robert L. Turchin: Connecting building to connect with existing building & future building - 2 stories - 216' front, 74' depth, 25' height - Mel Grossman, Architect - Oboler & Clark, Engineer - Conc. Piles - Accessory use as coffee shop and lounge on 2nd floor, stores on 1st floor - \$80,000.00 - Dec. 16, 1960 WC 2/18/63 LWL
- ~~#64212 Markowitz Plumbing & Insulation~~ #64407 (Heavy Construction) Inc: Remodel present dock - \$12,000- 3/15/61
Transferred To Little River Marine Construction Co.
- #64567 Miami Elevator: Install automatic elevator 2500#, 15 HP motor (passenger), this is in the 2-story connecting wing - \$8500 - April 10, 1961
- #64594 Brandon Air Conditioning Corp.: 2 3-ton cooling coils for dental office - \$600. - April 13, 1961 OK Plaag 4/28/61
City Council denied interpretation of Zoning ordinance to allow liquor license for this building as hotel with 100 or more guest rooms on May 3, 1961
- #67049 Claude Southern Corp.: 1.5 x 3', 4.5 sq. ft. - horizontal projecting sign - POLICE - STOP - \$125.00 - 4/5/62
-
- ZONING BOARD OF ADJUSTMENT ON: MARCH 15, 1963, DENIED REQUEST FOR OPERATION OF "TAKE OUT" SHOP IN CONJUNCTION WITH, BUT LOCATED IN SPACES OTHER THAN, THE EXISTING RESTAURANT FACILITY IN THIS BLDG.
-
- ON NOVEMBER 1, 1963 ZONING BD. OF ADJUSTMENT DENIED VARIANCE TO PERMIT OPERATION OF TV & RADIO REPAIR SHOP IN BASEMENT AREA. FILE #242.
-
- #14288 - American Davits Corp. - repair 20 timber dock and 20 timber mooring pile in the South dock facility - \$4,360. - 12/5/78
- #21334 12/11/81 Carruth Roofing - reroof \$300,000.

Plumbing Permits:

#42643 Markowitz Bros: 2 steam boilers - 11/2/60

- #42721 Markowitz Bros: 2 - Sewers, 12"-4", 7 water closets, 6 lavatories, 4 showers - Dec. 15, 1960
- #42745 Markowitz Bros: 2 gas boilers, 1 gas incinerator - Jan. 3, 1961
- #42812 M. S. Plbg: 5 lavatories, 3 dental chairs - Feb. 24, 1961 OK ROTHMAN 5/18/61
- #42820 Economy Plbg: 2 water closets, 2 lavatories, 1 gas line - March 8, 1961
- #42839 Economy Plbg: 4 temp. water closets, 1 water closet, 1 lavatory - 3/27/61 OK ROTHMAN 5/18/61
- #43530 Gunn Plbg. : 1- Lavatories, set; 1 shower 11/2/62 (Morton Towers Beauty Shop) OK Jenks 11/13/62
- #47062 Edwin M. Green Inc. 1 swimming pool piping re-do 2/10/69
- #56173-Rusty Plumbing- repairs to water piping-6-8-78 NORTH WING
- #57477-Pro Plumbing- repipe \$15- 1 riser-7-23-79
- #57553-Pro Plumbing- repipe riser-8-15-79

Electrical Permits:

- #55305 Max Belin: 4 light outlets, 4 fixtures, 1 center of distrib - 6/17/60(Fla Power & Light) OK 7/5/60 Fidler
- #56151 Lyon Elec: 1 Temp. Service - Dec. 12, 1960 OK 1/3/61 Fidler
- #56223 Max Belin: 1 Temp. Service - Dec. 29, 1960 OK 1/3/61 Fidler
- #56342 Max Belin: 200 receptacles, 50 light outlets, 50 fixtures - 2-9-61
- #56355 Max Belin: 3 switch outlets, 6 receptacles, 10 light outlets, 10 fixtures- 2/16/61
- #56450 Jones Elec: 2 Telephone Booths - March 17, 1961
- #56552 Angler Elec: 10 switch outlets, 20 receptacles, 12 light outlets, 12 fixtures, 6 appliance outlets, 2 motors(1HP), 1 radio intercom - April 10, 1961 OK Fidler 6/22/61
- #64020 M. B. Electrical Exhib. Serv.: 32 fixtures; 2 motors, 2-5 hp; 2 cent. of dist. - 10/13/66

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

DATE	PROCESS	DESCRIPTION	WORK	CUMULATIVE	APPRAISED BLDG.			BUILDING
ISSUED	NO.	OF WORK	COST	WORK COST	VALUE BEFORE REMODEL	%	COMMENTS	PERMIT NO.
6-12-89		REPLACE 400 EXT. DOORS (PERM. FEED. 800 MORE)	\$25,000.00					SR891443

BUILDING PERMITS: #SB891443 - Francisco Duques - 6-12-89 - Replace 400 ext. doors (Perm. Pend.
800 More) - \$25,000.00

552 PARATING SPACES PROVIDED AS REQUIRED, FOR NORTH AND SOUTH WINGS - SOUTH WING SHOW ON PERMIT #61257
TOTAL APARTMENTS FOR BOTH WINGS ARE 1291 APARTMENTS.

Owner MORTON TOWERS CO. (NORTH WING)

Permit No. 64529

Cost \$4,000,000.

Lot 7 Block 43 Subdivision ALTON BEACH BAY

Address 1500 Bay Road

General Contractor Robert L. Turchin, Inc.

Bond No. 3233-07-003
Engineer Oboler & Clark

Architect Melvin Grossman

8076

Zoning Regulations: Use BAA Area 8

Lot Size 400 x 1100 Irreg.

Building Size: Front 64' Depth 600'

Height 150' Stories 14

Certificate of Occupancy No. Temp. #3844 dated 11/27/61

Use APT. ~~1000~~ 270 Eff. ~~228~~ 1BR, 1Bath; 151 2BRm, 2Bath

Type of Construction CBS I (FINAL C.O. #3873 dated 5/9/62) Foundation Conc. Piles

(Total Units - 693) 44 1-Bdrm, 1 1/2 Bath
Date APRIL 5, 1961
Root Flat

PLUMBING Contractor Dade Plumbing Co. #42880

Sewer Connection - 1, 8"

Date May 11, 1961

Temporary Water Closet

Water Closets 833

Sill Cocks - 6

Down Spouts 4

Lavatories 834

Swimming Pool Traps

Wells

Bath Tubs 684

Steam or Hot Water Boilers 2

#3227
III

Showers 149

ROUGH APPROVAL

Urinals 2

FINAL APPROVAL OK ROTHMAN 3/26/62

Sinks 679 Slop Sink: 1

GAS Contractor

Date

Dish Washing Machine

Gas Ranges

Gas Frylators

Laundry Trays 13

Gas Water Heaters

Gas Pressing Machine

Laundry Washing Machines

Gas Space Heaters

Gas Vents for Stove

Drinking Fountains

Gas Refrigerators

Floor Drains 16

Gas Steam Tables

Grease Traps

Gas Broilers

GAS Rough APPROVAL

Safe Wastes

GAS FINAL APPROVAL

AIR CONDITIONING Contractor #64956 - Imec of Fla., Inc. - \$165,000. - 550 tons air cond. system, north & central bldg.
SEPTIC TANK Contractor May 24, 1961 OK FLAAG 12/13/61

OIL BURNER Contractor 1

SPRINKLER Contractor

ELECTRICAL Contractor #56759 Max Belin Date May 23, 1961
#56639 (Partial) Max Belin Date Apr. 26, 1961

OUTLETS Switches 4275 Ranges 679

Temporary Service

Lights 4337 Irons 679

Neon Transformers

Receptacles 6210 Refrigerators 679

Sign Outlets

Fans

Meter Change

HEATERS Water Motors 700, 0-1 h.p.

Centers of Distributions 725

Space Appliances 4, 2-5 h.p.

Service - Equip. - 1

Violations 11, 6-10 hp

2, 11-25 hp

AL APPROVAL

Scarborough

3/27/62

11-15-61 City Council approved grant of liquor license to Morton Towers. Spot Survey - T.J.F. - 5/8/62

OK BLDG. Saperstein 3/27/62

Building Permits:

Premise Permit #85938 dated 11-3-1972, 693 units, \$150-11-3-72

#88970-Atlantic Building-Interior alterations-\$5000-12-19-75

#08647-Acolite Sign-Pole Sign-\$200-2-23-76 Washington Federal

#08648-Acolite Sign-Flat Wall Sign-\$100-2-23-76-Washington Federal

#09664-Premise Permit-fee \$150-8-31-76

#13651-Owner-Repair boat dock, railings and dock-\$3000-8-3-78

#13686-Owner-Repairing, plastering and tile walls-\$5000-8-11-78

#13741-American Davits Corp.-Repair 64 timber dock piles and 9timbers morring pile on the north dock facility-\$7950-8-22-73

#15466-James M. Anderson, Inc.-Repair walkway along seawall-\$5500-8-09-79

#17389-Acolite Sign-Washington Savings-Sign-\$300-1-17-80

#17388-Acolite Sign-Washington Savings- Signs-\$300-1-17-80

~~#05620-2-1-82-Rusty Plumbing~~

#31338 - 11-18-87 - Rebuild Construction - Fire Damaged - \$35,000.00 *CP*

BUILDING PERMITS CONTINUED: #25898 9/13/84 Claude Maint add 2'x6' s/f panel to exist pylon 12 sq.ft. \$250.
#MO8180 6/16/86 Sam L. Hamilton Inc - air cond wind, l e est val \$3,250. exact replace
#29688 1/12/87 owner remove old fence and install a masonry wall 5 t hi same location \$4,700.
#29794 2/5/87 owner interior painting and plastering super market \$200.

ELECTRICAL PERMITS: #79871 11/21/84 GHC Elect - replace starter for exhaust fans gen
#79955 1/8/85 GHC Elect - 10 recept, replacement of old outlets on dock
#81242 7/28/86 Holbrook Elec - 250 hp motor

PLUMBING PERMITS #61884 12/13/84 Peoples Gas - 1 meter set gas

#55330-Greens Pool Service- 1 filter replacement pool-10-11-776

#56155-Greens Pools- 1 water supply to swimming pool-6-8-78

Electrical Permits: #56557 Max Belin: 1 Sub-Feeder - Apr. 11, 1961

#56558 Max Belin: 1 Sub-Feeder - April 11, 1961

#56682 Max Berlin on Morton Towers Rental Office: 6 switch outlets, 7 receptacles, 6 light outlets, 21 fixtures, 1 center of distribution, 1 service equipment, 1 motor 2-5 HP; 5/5/61

#57894 Claude Southern: 8 light outlets - 2/9/62 (Bldg. Permit #66805)

#58026 Tri-City Elec. Co., Inc.: 7 fixtures - 3/22/62 OK Scarborough 4/2/62

#58043 Tri-City Elec. Co., Inc.: 10 light outlets; 10 fixtures - 3/28/62 OK Scarborough 4/2/62

#58096 Astor Elec: violation - 4/10/62 OK SCARBOROUGH 4/10/62

#58235 Ben's Elec.: 8 fixtures - 5/23/62 OK Scarborough 6/9/62

#58354 Ben's Elec.: 2 fixtures - 6/18/62 OK Scarborough 6/15/62

#59635 Ben's Elec: 2 appliance outlets-5/23/63

#62078 Acolite Sign Co.: 2 Neon Transformers - 3/15/65

#67520 Miami Beach Elec Ex Service: 6 light outlets, 6 fixtures 11/19/69

#67719 - Holbert Elect. - 1120 15th St. - 1 motors 2-5 HP 2/20/70

#72368- Levitz Electric- Fire Protectin System 2 central system 252 outlets-6-27-75

ALTERATIONS OR REPAIRS

Building Permits: #65131 Westinghouse Elec Corp: 4 passenger elevators, capacity 2500# - 15 hp motors; 1 freight elevator, 2500# - 15 hp motor - \$185,000.00 - June 15, 1961

#66407 R. L. Turchin: 80' x 36' concrete pool on piling - State Board of Health Approval Serial #SP 1-303, 9/8/61 - \$35,000. - 11/21/61 (Melvin Grossman, Architect; John K. Sasnett, Engineer) WC 2/18/63 LWL

#66597 Morton Feit Refrigeration: Install kitchen refrigeration machines - \$3600. - 12/28/61 OK Plaag 1/12/62

#66805 Claude Southern: Roof sign, plastic face, internally illuminated "Morton Towers" - (on guard house) - \$700, 2/9/62

#68332 Little River Marine Construction Co: Replace existing dock - 5,960.00 10/29/62

ON JUNE 14, 1963, ZONING BD. OF ADJUSTMENT DENIED PUBLIC HEARING FOR VARIANCE TO PERMIT OPERATION OF TV & RADIO REPAIR SHOP IN BASEMENT AREA, NOT VISIBLE FROM PUBLIC WAY & NOT ADVERTISED TO EXTERIOR OF BLDG. (211)

#73703 Acolite Neon Sign Co.: 6 x 10 roof sign MORTON TOWERS - \$500 - 3/15/65

#80467 Atlantic Foundations Inc. Repair 50' of Sea Wall as per plan \$5500.00 6/13/68 OK by HAN 10/25/67

#22031 4/16/82 Signs of All Kinds - erect sign and change of copy \$1,000.

#23855 5/3/83 Se-Go Ind/Security Windows install 2 sliding glass doors 15th fl remove old install \$850.

#MO6264 7/1/83 Airko Air Cond - exact changeout \$8,000 replace of primary air unit 47 tons no heat

#MO6810 7/5/84 Commercial Installers mech ventilation,

#91321 7/16/84 Turchin Bros - partitions, ceiling, bathrooms, lighting, (exist diningroom) \$78,000.

#25623 7/18/84 Hydro Clean Inc - exterior painting white only \$3,700.

PLUMBING PERMITS

#61661 7/25/84 Right Way Plumb - 1 rgh, 1 set dishwasher, 2 rgh, 2 set floor drain, 6 rgh, 6 set lavatory 2 rgh, 2 set sink pot/3 comp, 1 rgh, 1 set sink slop, 2 rgh, 2 set urinal, 6 rgh, 6 set water closet 14 indirect wastes, 4 gas range

ELECTRICAL PERMITS

#78298 11/29/82 Ocean Elect - 1 switch outlet, 1 motor 0-1 hp

#79629 8/7/84 - Bennett Elec Serv - 18 switch outlets, 101 light outlets, 35 receptacles, 12 appliance outlets, 1 water heater, 7 comm. outlets, 185 fixtures, 100 A service amp's \$204.75

#79702 9/13/84 Claude Maint 2 sign tubes

#79720 9/21/84 GHC Elect - 220 fixtures,

Electrical Permits:

#72844-Branam Electric- 5 switch outlets; 10 light outlets; 25 receptacles; 80 fixtures-1-12-76
#72928-Acolite Sign- 3 lamps-Washington Federal-2-23-76

#82578 - Florida Protective Lines Inc. - 977 Smoke Detectors - 11-16-87 *Ad.*

#32610 - Cayamas Electric - 5 Switch outlets, 5 light outlets, 9 receptacles, 1 service size in amp's 100A, 2 appliance outlets, 1 range top, 1 oven, 1 water heater, 1 A/C - 11-23-87 *CA*

COASTAL CONTROL ZONE

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

DATE	PROCESS	DESCRIPTION	WORK	CUMULATIVE	APPRAISED BLDG.			BUILDING
ISSUED	NO.	OF WORK	COST	WORK COST	VALUE BEFORE REMODEL	%	COMMENTS	PERMIT NO.
1-12-87		NEW MASONRY WALL	\$4700	\$4700				29688
2-5-87		PAINT and PLASTER INT.	200	4900				29794.
11-18-87		FIRE DAMAGED	\$35,000.00					31338

Owner Y. M. & Y. W. H. A. COMMUNITY CENTER

8075

Permit No. 25197

Cost \$60,000.-

Lot 6 Block 43 Subdivision Alton Beach Bay Front Address 1536 Bay Road

General Contractor King Dansky

Bond No. Priority #40-20-5

Architect A. Herbert Mathes

Engineer Approved City Council: May 21/47

Zoning Regulations: Use RE Area 8

Lot Size 227 x 624

Building Size: Front 49 Depth 176'8

Height 18 Stories 1

Certificate of Occupancy No.

Use

Type of Construction #1 c/b/s Foundation concrete piling Roof concrete slab Date August 19/47

PLUMBING Contractor #25492 - C. Ray Martin #26157 - C. Ray Martin

Sewer Connection 1 Date Aug. 19/47

Temporary Water Closet 2

Water Closets 10
Lavatories 7
Bath Tubs
Showers 2-outside stalls
Urinals 3
Sinks 1 (kitchen); 2 (slop)
Dish Washing Machine
Laundry Trays
Laundry Washing Machines
Drinking Fountains 2
Floor Drains
Grease Traps
Safe Wastes
AIR CONDITIONING Contractor
SEPTIC TANK Contractor 1- 400 gals.
OIL BURNER Contractor
SPRINKLER Contractor

Swimming Pool Traps
Steam or Hot Water Boilers
ROUGH APPROVAL
FINAL APPROVAL

Down Spouts
Wells

GAS Contractor
Gas Ranges Gas Frylators
Gas Water Heaters Gas Pressing Machine
Gas Space Heaters Gas Vents for Stove
Gas Refrigerators
Gas Steam Tables
Gas Broilers GAS Rough APPROVAL
Gas Stoves: 1 GAS FINAL APPROVAL
Gas Heaters: 1 (water)
GAS TURNED ON, APPROVED: O'NEIL, MARCH 19/48

ELECTRICAL Contractor #25783, Astro; #25319, Astor Date 2/3/48; 11/25/47

OUTLETS Switches 44 Ranges
Lights 72-6 Irons
Receptacles 36 Refrigerators 1
Fans
Motors
HEATERS Water Appliances
Space

Temporary Service
Neon Transformers
Sign Outlets
Meter Change
Centers of Distributions 3
Service
Violations

FIXTURES 80, 12 Electrical Contractor

Date

FINAL APPROVAL

By

Date

Alterations or Repairs Over

ALTERATIONS & ADDITIONS

#31390 - addition, of screened playroom - M. Ungaro, architect; Robert Turchen, contr.,
8x12x8 - 1 story, spread footing, foundation, gravel, roof - \$600.-

Building Permits:

Nov. 14/49

- #56426 - Giller & Fryd: 20'6 x 127'4 addition along north side of present building, 14' high,
7 additional school rooms, approval of City Council, June 4/58 - \$10,000.00 - June 11/58 -
Gilbert Fein, arch., Morton Fellman, Engineer, concrete piles, cbs II, flat roof 8/9/62
- #67428 - Miami Air Conditioning; 1 -15/ton pkg. unit a/c system (used) - \$3000.00 - 6/12/62 OK, PLAAG
- #73899 - Kwart Sheet Metal Works: exhaust fan, duct, & hood - \$600.- 4/19/65, OK, PLAAG, 4/21/65
- #80715 - J & M Engineering - demolish 140' of cbs on N.E. corner of property, \$600.- 7/25/68

#14247-Keyes-For Sale ign-11-27-78

Plumbing Permits:

-
- #25069 - Astor Electric; 12 light outlets, partial
- Electrical Permits:** #27842 - Astor Electric; 1 switch outlet, 1 light outlet; 5 receptacles; 11/7/48
- #53166 - Jonesey Electric - 6 switch outlets, 11 receptacles, 10 light outlets, 14 fixtures, 1 center of
distribution, 1 service equipment, January 5/59
- #58558 - Gates Electric - 1 service equipment, 1 motor, 0-1 hp; 1 motor, 2-5 hp; 1 motor, 11-25 hp;
7/30/62 - OK, FIDDER - 10/19/62

BUILDING PERMITS: #92467 - 3-18-88 - Caribe Const. and Paving - Repave existing paving area, fill area with gravel stones to allow more clean parking spaces - \$12,500.00
#SB880096 - 10-24-88 - Owner - Repair coral rock fence - \$580.00 *OK*

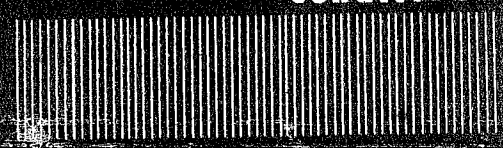
COASTAL CONTROL ZONE

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

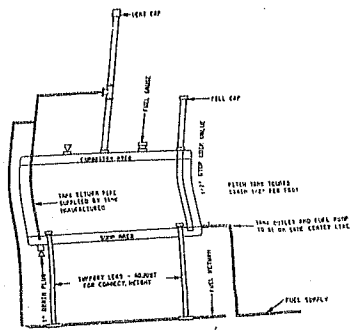
DATE	PROCESS	DESCRIPTION	WORK COST	CUMULATIVE	APPRAISED BLDG.	PERMIT NO.	BUILDING
ISSUED	NO.	OF WORK	COST	WORK COST	VALUE BEFORE REMODEL %	COMMENTS	
3-18-88	735	REMOVE EXISTING PAVING AREA	\$12,500.00				92467
10-24-88		REPAIR CORN ROOF AND EXISTING	\$580.00				58880096

**PREVIOUS
DOCUMENT**

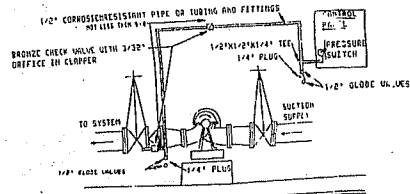
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FC 017



DIESEL FUEL TANK DETAIL
NOT TO SCALE



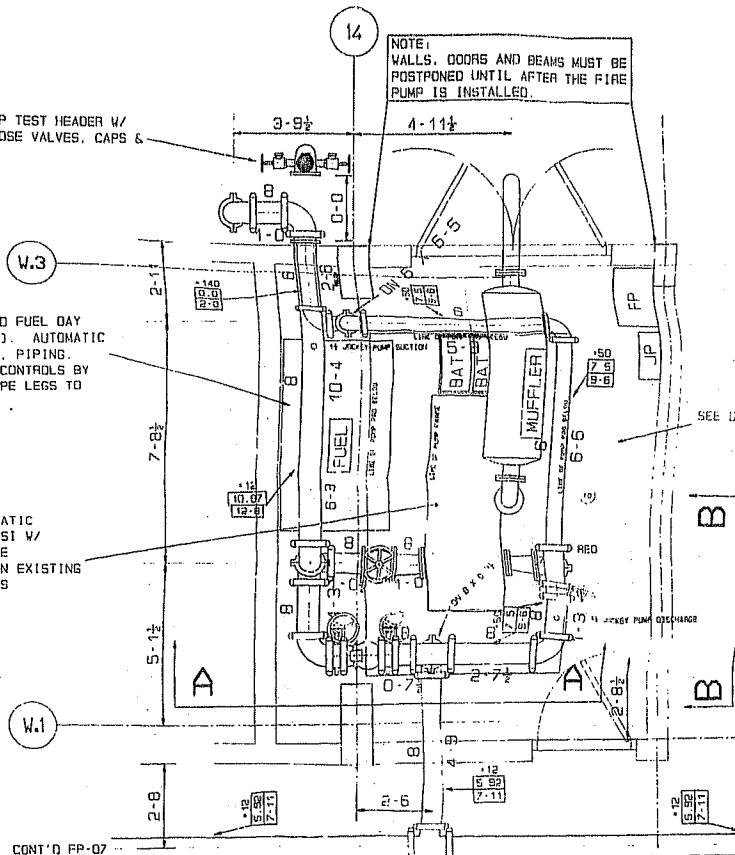
FIRE PUMP SENSING LINE DETAIL
NOT TO SCALE

6" X-HEAVY PUMP TEST HEADER W/
(4) 2" ANGLE HOSE VALVES, CAPS &
CHAINS

359 GAL DOUBLE WALLED FUEL DAY
TANK (320 GAL USABLE). AUTOMATIC
FUEL DELIVERY SYSTEM, PIPING,
IN TANK DEVICES AND CONTROLS BY
OTHERS. MOUNT ON PIPE LEGS TO
ELEVATION SHOWN.

AURORA MODEL G-485-17A AUTOMATIC
FIRE PUMP, 1000 GPM @ 225 PSI W/
285 HP DETROIT DIESEL ENGINE
MODEL DDFP-LGFA THIS IS AN EXISTING
FIRE PUMP TO BE RELOCATED AS
SHOWN.

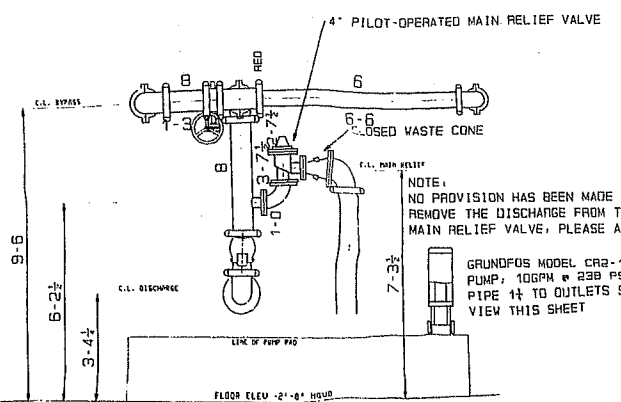
NOTE:
WALLS, DOORS AND BEAMS MUST BE
POSTPONED UNTIL AFTER THE FIRE
PUMP IS INSTALLED.



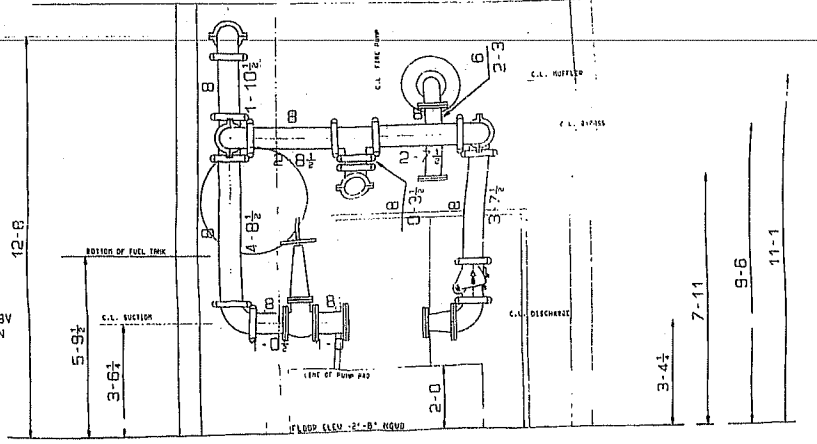
NOTE:
THIS FIRE PUMP IS CURRENTLY INSTALLED
WITH A 4" PILOT ACTUATED MAIN RELIEF
VALVE. THIS VALVE IS NOT REQUIRED BY
CONSIDERED DESIRABLE BY NFPA 20
IF IT IS REQUIRED BY THE P.E. OR ARCH
PLEASE ADVISE AND PROVIDE AN 8" MAIN
LINE TO REMOVE THE DISCHARGE TO A
SAFE LOCATION

FIRE PUMP ROOM

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



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

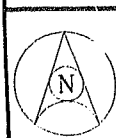


SECTION A-A
SCALE: 1/4" = 1'-0"

THIS PLAN HAS BEEN REVIEWED FOR THE
APPEARANCE OF ITS HEAD LOCATIONS
AND FOR CONCEALMENT OF PIPE WITHIN
THE CEILING AS REPRESENTED. IT IS
APPROVED FOR INSTALLATION AS SHOWN.

STEVEN FELLER, P.E. INC.
CONSULTING ENGINEERS
2701 W. ORLAND PARK BLVD., SUITE 310
ORLAND PARK, FL 32211 954-235-7400

OWNER	DATE
ARCHITECT	DATE
GENERAL CONT.	DATE



IMPORTANT:
THESE PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS ARE THE PROPERTY OF STEVEN FELLER, P.E. INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THESE PLANS WITHOUT THE WRITTEN CONSENT OF STEVEN FELLER, P.E. INC. IS STRICTLY PROHIBITED. THE USER ASSUMES ALL LIABILITY FOR THE ACCURACY AND COMPLETENESS OF THESE PLANS AND SPECIFICATIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

CONTRACT RESPONSIBILITIES

ITEM	RESP.
DESIGN	OWNER
PERMITS	OWNER
CONSTRUCTION	OWNER
INSPECTION	OWNER
MAINTENANCE	OWNER

SYMBOLS

Symbol	Description
(Symbol)	4" PILOT OPERATED MAIN RELIEF VALVE
(Symbol)	6" X-HEAVY PUMP TEST HEADER
(Symbol)	359 GAL DOUBLE WALLED FUEL DAY TANK
(Symbol)	AURORA MODEL G-485-17A AUTOMATIC FIRE PUMP

SPRINKLERS/NOZZLES

MODEL	STYLE	NOT	K	TEMP	RESPONSE	FINISH	LOCATION	NOTES	TEST/POD	QTY.
CENTRAL	UPRIGHT	1/2"	5.4	172	100	WHITE	CEILING	WHITE CORROSION FINISH		
CENTRAL	UPRIGHT	1/2"	5.4	172	100	WHITE	CEILING	RESIDENTIAL TYPICAL		

ABBREVIATIONS

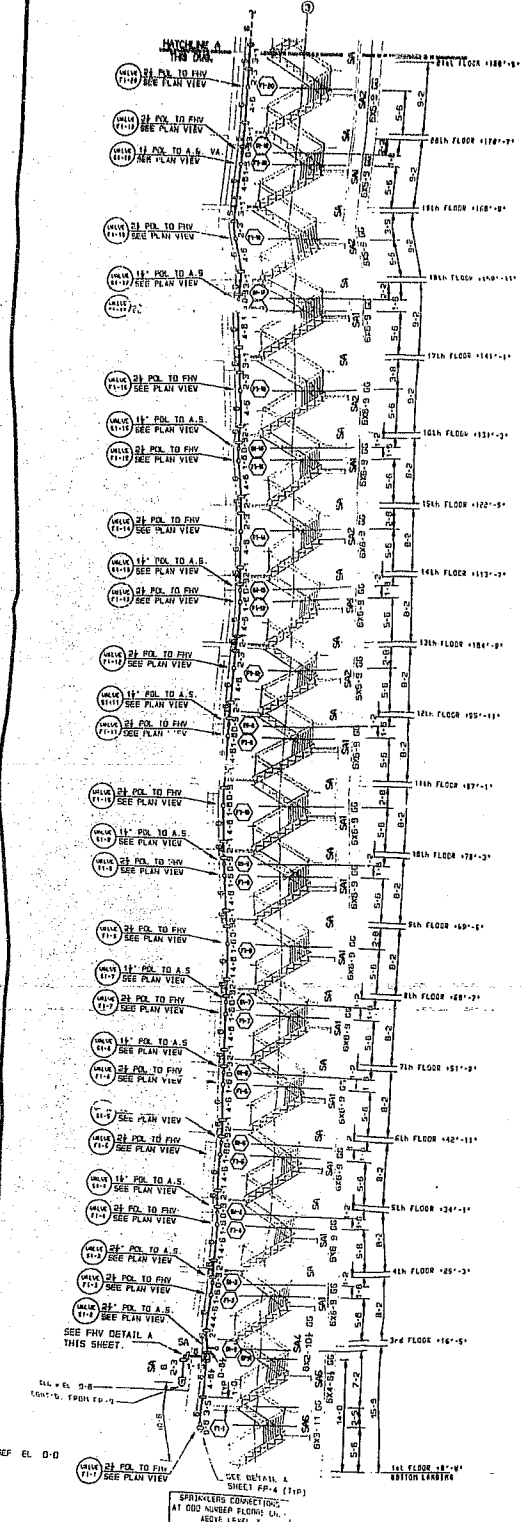
Abbreviation	Full Name
FP	FIRE PUMP
FT	FUEL TANK
JP	JOCKEY PUMP
RV	RELIEF VALVE
W	WINDOW
D	DOOR

APPROVALS

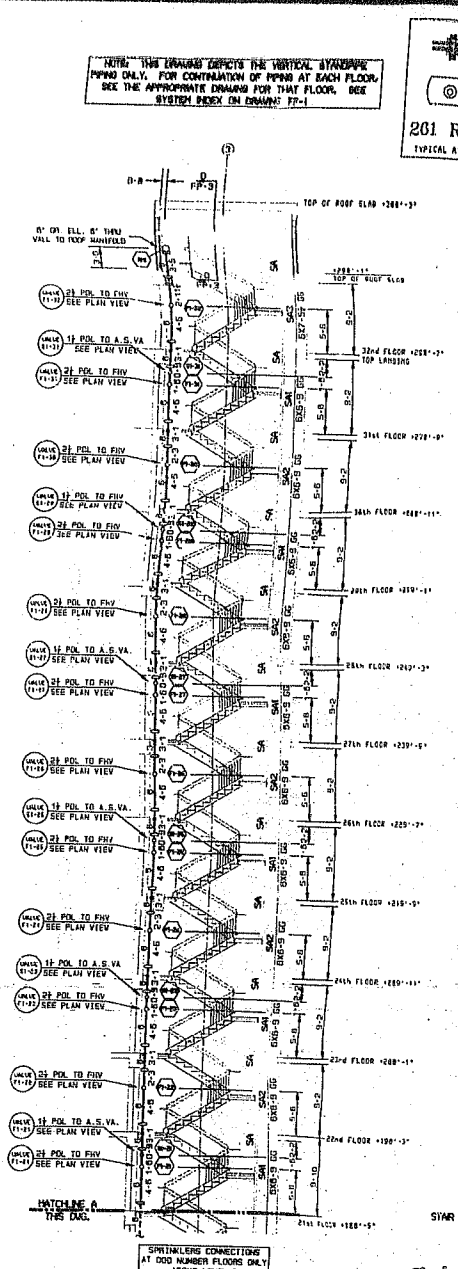
Signature	Name	Title
(Signature)	STEVEN FELLER	P.E. INC.
(Signature)		

SYSTEM INFO

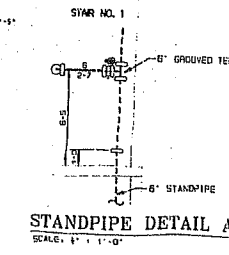
System Name	Project Name
FIRE PUMP ROOM	THE GRAND FLAMINGO
1500 SW 10th Ave	MIAMI BEACH, FLORIDA
DATE: MAY 12, 2000	SCALE: AS NOTED



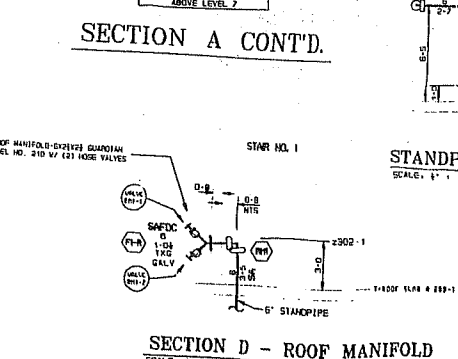
SECTION A - STAIR NO. 1
SCALE: 1/4" = 1'-0"



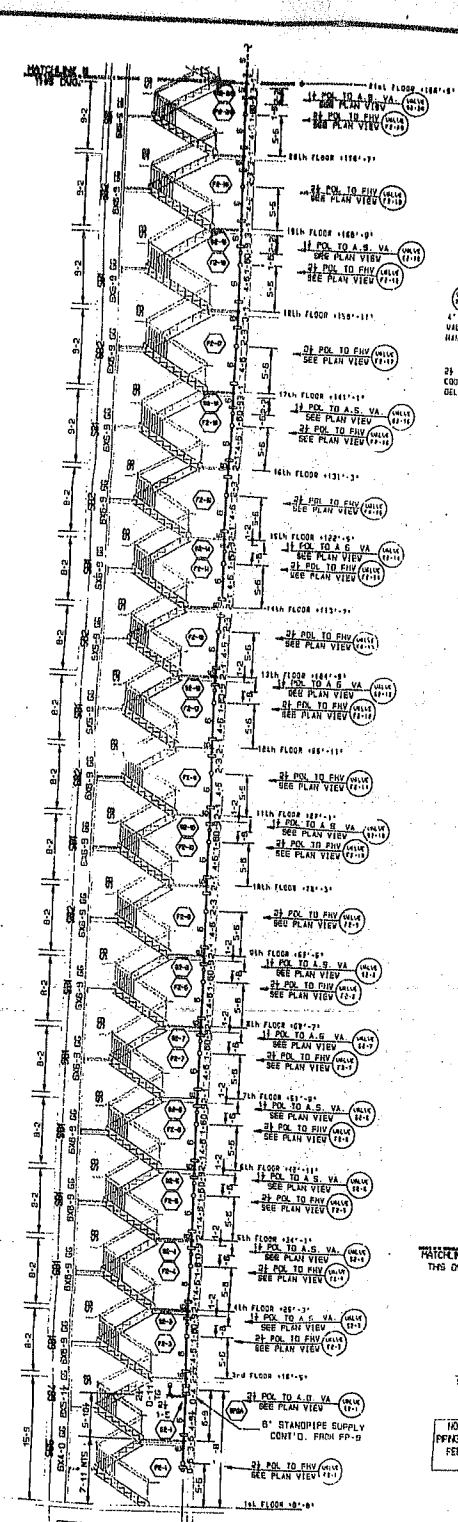
SECTION A CONT'D.



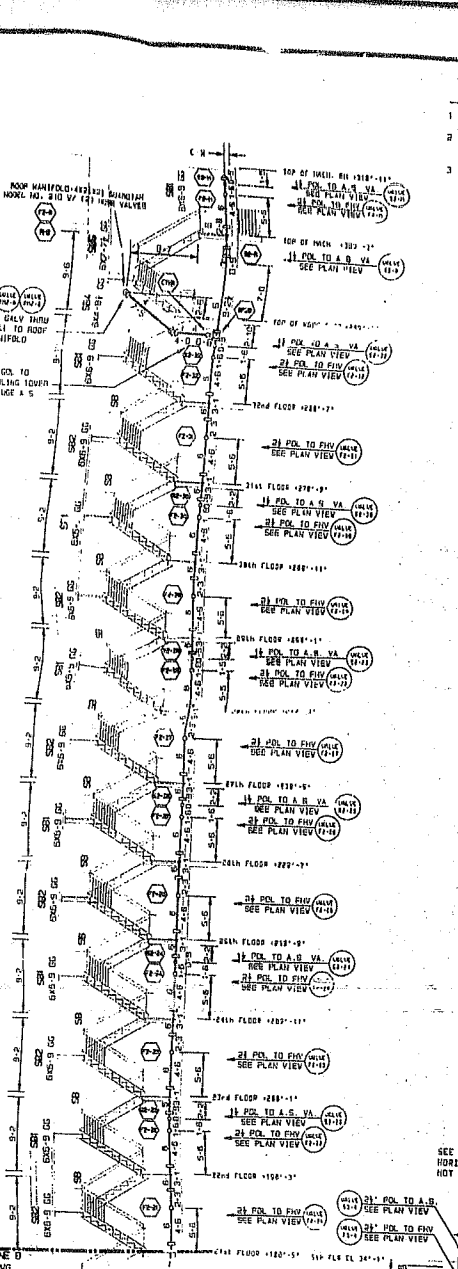
STANDPIPE DETAIL A
SCALE: 1/2" = 1'-0"



SECTION D - ROOF MANIFOLD
SCALE: 1/4" = 1'-0"

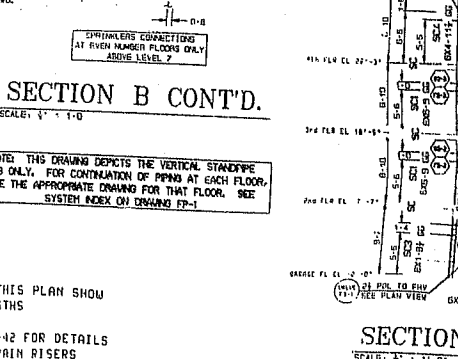


SECTION B - STAIR NO. 2
SCALE: 1/4" = 1'-0"



SECTION B CONT'D.

STANDPIPE DETAIL A
SCALE: 1/2" = 1'-0"



SECTION C - STAIR NO. 3
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- THIS DRAWING DEPICTS THE VERTICAL STANDPIPE RISERS LOCATED IN STAIRS NO. 1, 2 AND 3.
- THE STANDPIPE SYSTEM IS DESIGNED TO FLOW 250 GPM FROM EACH OF THE TWO TOP HOSE VALVES TO 100 GPM ALLOWED FOR EACH OF 2 ADDITIONAL STANDPIPES.
- SEE DRAWING FP-1 FOR SITE PLAN, MATERIAL NOTES, SYSTEM INDEX AND MISC. DETAILS.

<p>IMPORTANT</p> <p>IN ESTIMATES SUBJECT TO FOLLOWING RESPONSIBILITY TO PROVIDE: ALL WORK TO BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND CONDITIONS OF CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.</p>	<p>CONTRACT RESPONSIBILITIES</p> <p>ITEMS TO BE PROVIDED BY CONTRACTOR:</p> <ul style="list-style-type: none"> ALL MATERIALS AND LABOR ALL PERMITS AND APPROVALS ALL PROTECTIVE WORK ALL CLEANUP ALL TESTING AND INSPECTION 	<p>SYMBOLS</p> <p>SPRINKLER: (Symbol)</p> <p>NOZZLE: (Symbol)</p> <p>STANDPIPE: (Symbol)</p> <p>ROOF MANIFOLD: (Symbol)</p>	<p>ABBREVIATIONS</p> <p>AS: AS NOTED</p> <p>BS: BUSHFIELD</p> <p>CS: CHECKED BY:</p> <p>DS: THESE PLANS PREPARED BY:</p> <p>ES: OWNER'S REPRESENTATIVE:</p> <p>FS: CONTRACTOR:</p> <p>GS: ARCHITECT:</p> <p>HS: ENGINEER:</p> <p>IS: HYDRAULIC DESIGNER:</p>	<p>THE GRAND FLAMINGO</p> <p>1500 BAY ROAD</p> <p>MIAMI BEACH, FLORIDA</p> <p>SCALE: AS NOTED</p> <p>DATE: 5-19-2000</p>

STEVEN FELLER, P.E., INC.
CONSULTING ENGINEERS
2801 W. OAKLAND PARK BLVD., SUITE 310
OAKLAND PARK, FL 33311 954-732-7188

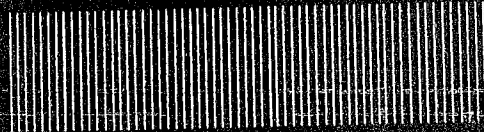
Grinnell Fire Protection
ENGINEER/ARCHITECT/PLUMBING, ETC.
LOCAL OFFICE: 3000 WEST 10TH STREET, MCKINNA, FL 33066 (305) 822-2218

LASON SYSTEM'S INC. S.E.

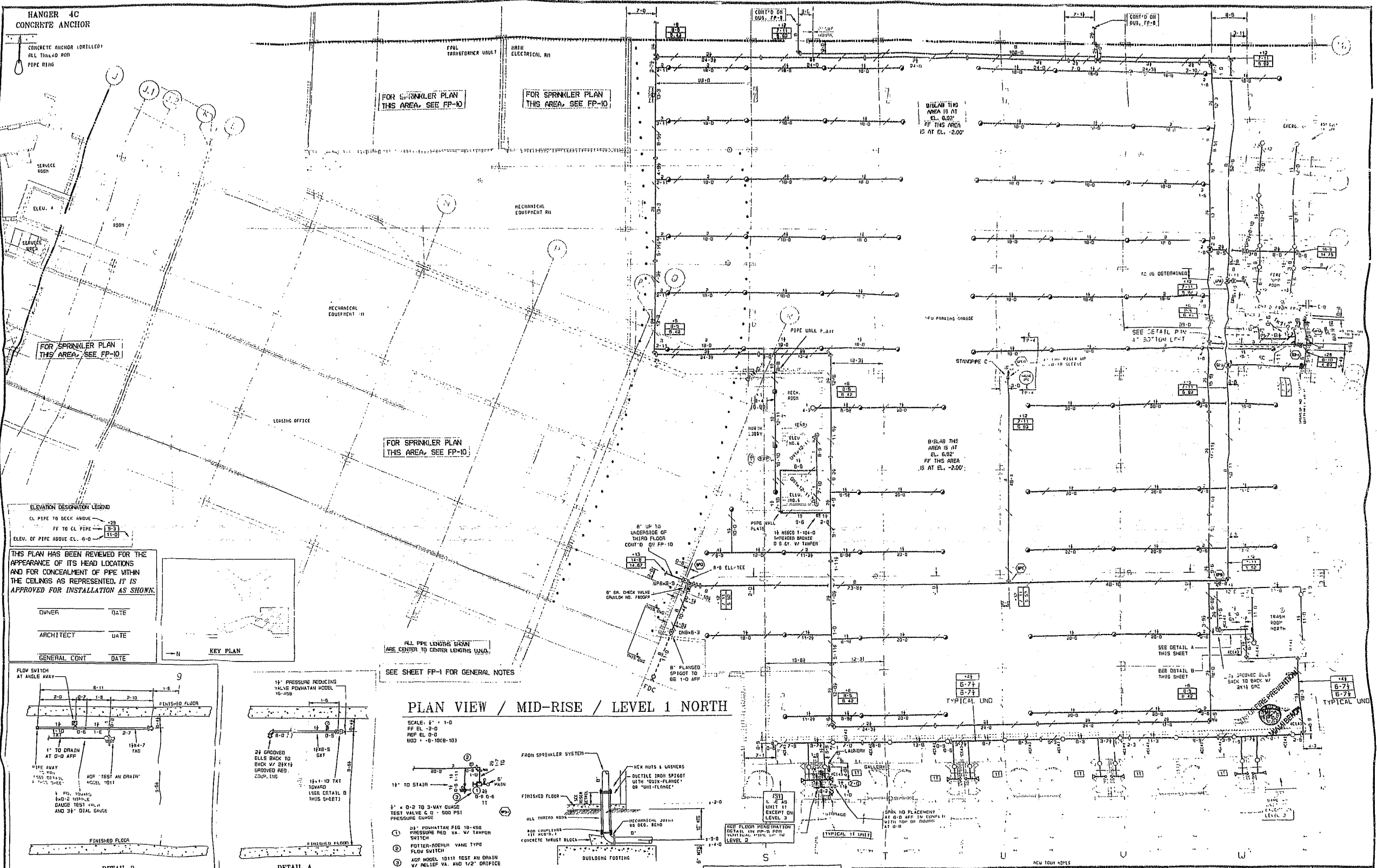
6051 N.W. 12 STREET, MIAMI, FLORIDA 33126
305-477-9149 • 800-231-4799 • FAX 305-477-3526

PREVIOUS DOCUMENT

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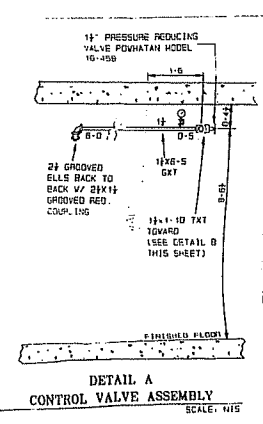
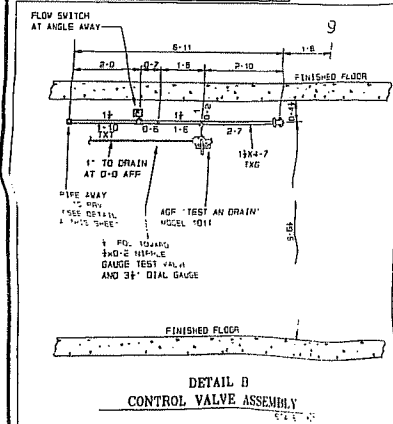
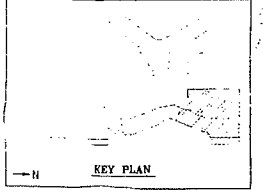
FC 017



ELEVATION DESIGNATION LEGEND
 CL PIPE TO DECK ABOVE
 FF TO CL PIPE
 ELEV. OF PIPE ABOVE CL. 0'-0"

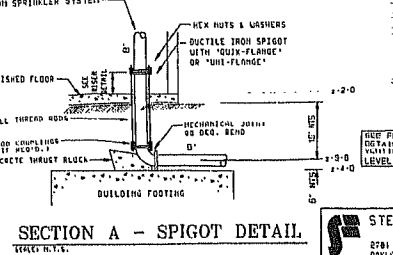
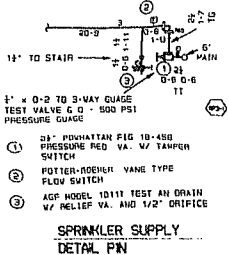
THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILING AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

OWNER: _____ DATE: _____
 ARCHITECT: _____ DATE: _____
 GENERAL CONT: _____ DATE: _____



PLAN VIEW / MID-RISE / LEVEL 1 NORTH

SCALE: 1" = 1'-0"
 FF EL. 0'-0"
 SOD 1" = 0-100-103



NOTES:
 1. IN THESE NOTES, UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
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 9. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 10. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.

CONTRACT RESPONSIBILITIES:
 DESIGN: STEVEN FELLER, P.E., INC.
 CONSULTING ENGINEER
 2841 W. KENNEDY PARK BLVD., SUITE 310
 DALLAS, TEXAS 75225-1400
 PHONE: (214) 354-7222
 FAX: (214) 354-7223

SYMBOLS:
 SPRINKLER HEAD: (Symbol)
 VALVE: (Symbol)
 GUAGE: (Symbol)
 TEST VALVE: (Symbol)
 FLOW SWITCH: (Symbol)
 PRESSURE GAUGE: (Symbol)
 PRESSURE REDUCING VALVE: (Symbol)
 POTTIER-ROEHRER VANE TYPE FLOW SWITCH: (Symbol)
 AGP MODEL 10111 TEST AN DRAIN VALVE: (Symbol)
 1/2" PRESSURE REDUCING VALVE: (Symbol)

NO.	TYPE	SIZE	UNIT	LOCATION	STATUS
1	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
2	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
3	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
4	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
5	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
6	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
7	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
8	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
9	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED
10	UPRIGHT	1/2" 3.6"	12"	MECH. ROOM	RECEIVED

STEVEN FELLER, P.E., INC.
 CONSULTING ENGINEER
 2841 W. KENNEDY PARK BLVD., SUITE 310
 DALLAS, TEXAS 75225-1400
 PHONE: (214) 354-7222
 FAX: (214) 354-7223

Orinell Fire Protection
 EXECUTIVE OFFICES: HOUSTON, TEXAS, U.S.A.
 LOCAL OFFICE: 2708 WEST 101ST STREET, HOUSTON, TX 77036 (281) 821-8222

SYSTEM INFO
 DATE: 05/12/2000
 SHEET: 11 OF 11

THE GRAND FLAMINGO
 1500 BAY ROAD
 MIAMI BEACH, FLORIDA

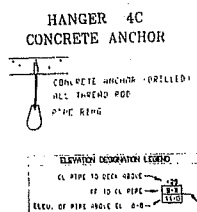
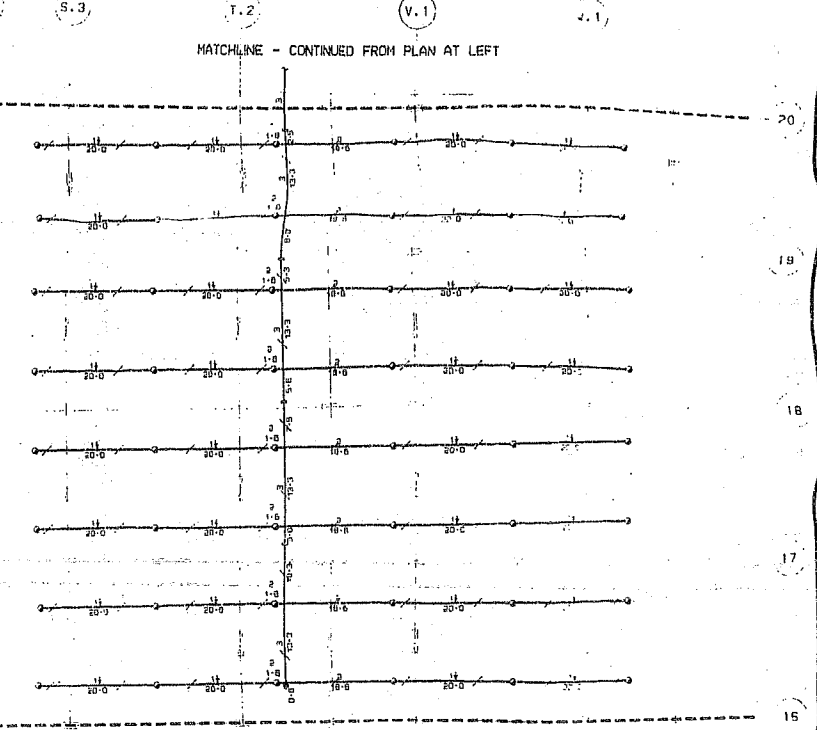
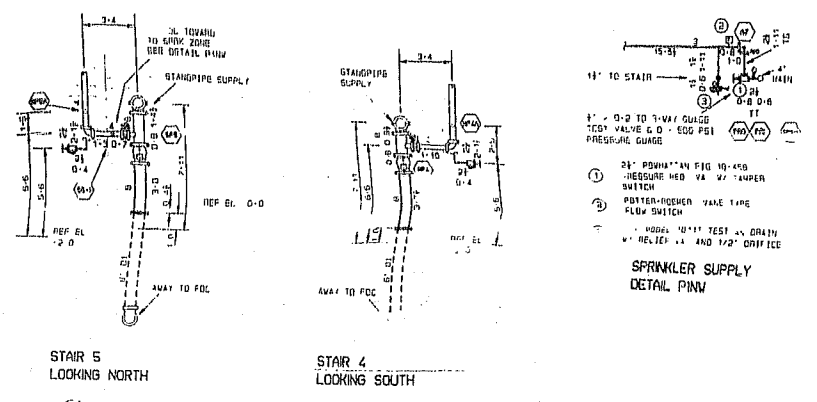
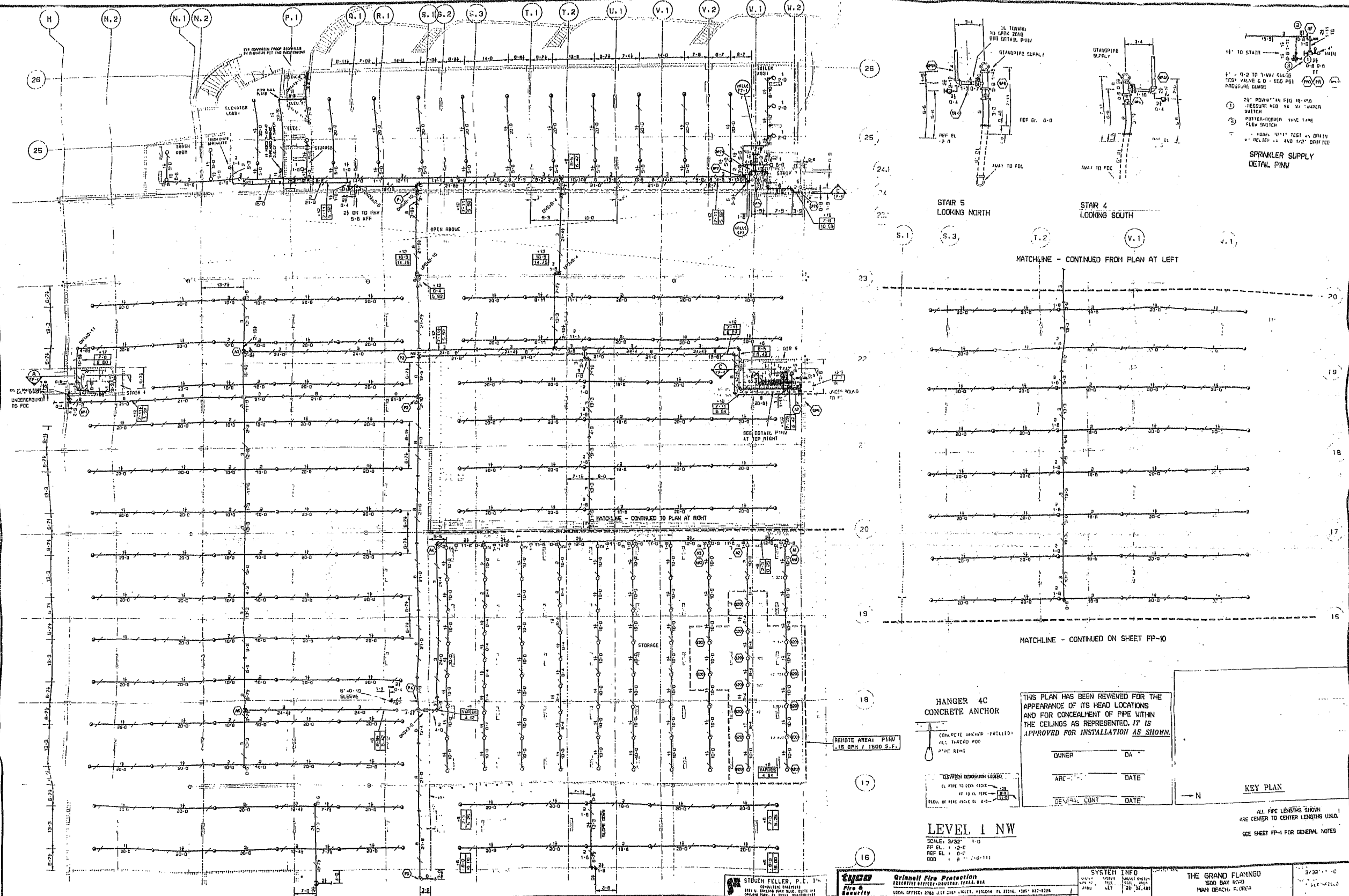
AGGREGATIONS:

NO.	DESCRIPTION	DATE	BY	APPROVED BY
1	ISSUED FOR PERMIT	05/12/2000
2
3
4
5
6
7
8
9
10

APPROVALS:
 DESIGNER: _____
 CHECKED: _____
 IN CHARGE: _____

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	05/12/2000
2
3
4
5
6
7
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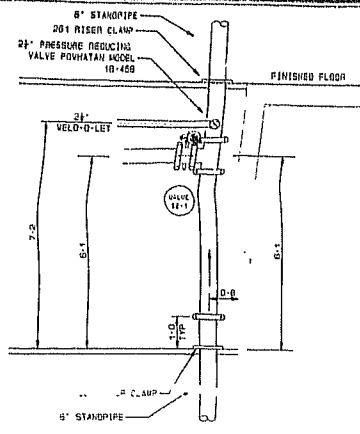
THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILINGS AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

OWNER: DA
 DATE: _____
 GENERAL CONT: _____
 DATE: _____

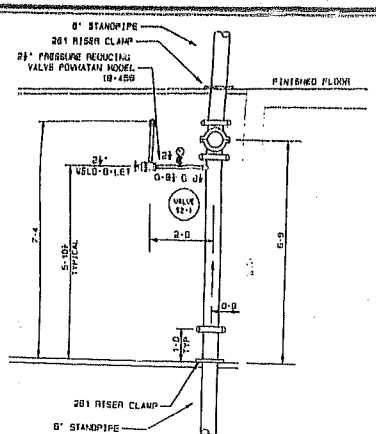
LEVEL 1 NW
 SCALE: 3/32" = 1'-0"
 REF. EL. = 0'-0"
 GRID

KEY PLAN
 ALL PIPE LENGTHS SHOWN ARE CENTER TO CENTER LENGTHS UNLESS NOTED OTHERWISE.
 SEE SHEET PP-1 FOR GENERAL NOTES

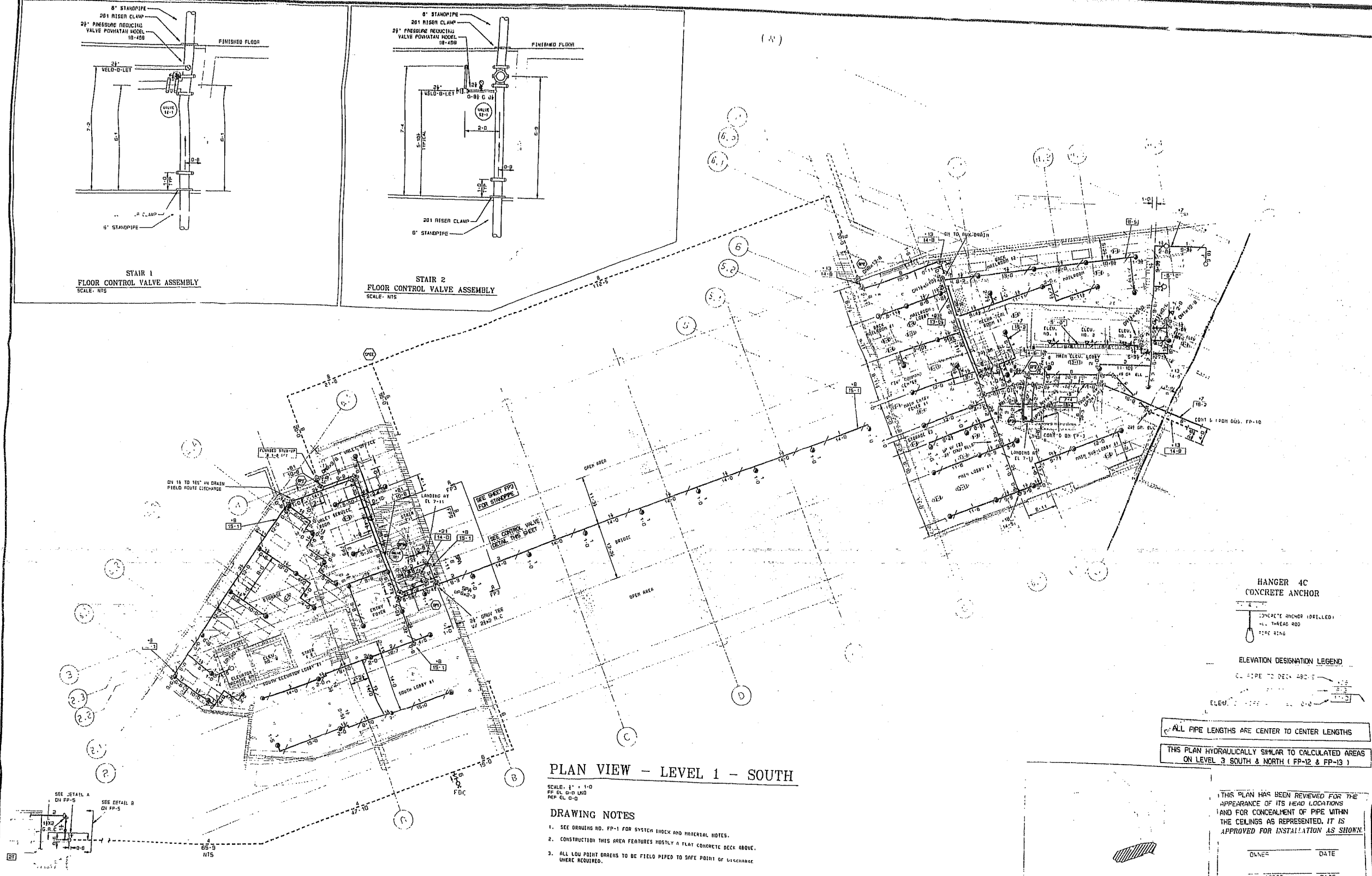
<p>CONTRACT RESPONSIBILITIES</p> <p>OWNER: CITY OF MIAMI ARCHITECT: [unreadable] ENGINEER: [unreadable]</p>	<p>SYMBOLS</p> <p>[List of symbols for fire alarm devices, sprinklers, etc.]</p>	<p>SPRINKLERS/NOZZLES</p> <p>[Table of sprinkler specifications: Model, Size, Rating, Response, etc.]</p>	<p>ABBREVIATIONS</p> <p>[List of abbreviations used in the plan]</p>	<p>APPROVALS</p> <p>[Signatures and stamps for approval]</p>	<p>SYSTEM INFO</p> <p>THE GRAND FLAMINGO 1500 BAY ROAD MIAMI BEACH, FL, 33140</p>	<p>DATE</p> <p>3/31/10</p>



STAIR 1
FLOOR CONTROL VALVE ASSEMBLY
SCALE: NTS



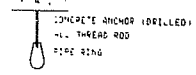
STAIR 2
FLOOR CONTROL VALVE ASSEMBLY
SCALE: NTS



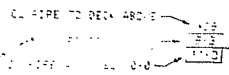
PLAN VIEW - LEVEL 1 - SOUTH
SCALE: 1" = 1'-0"
FP-12 & FP-13
REF. EL. 0'-0"

- DRAWING NOTES**
1. SEE DRAWING NO. FP-1 FOR SYSTEM SIZES AND MATERIAL NOTES.
 2. CONSTRUCTION THIS AREA FEATURES MOSTLY A FLAT CONCRETE DECK ABOVE.
 3. ALL LOW POINT DRAINS TO BE FIELD PIPED TO SAFE POINT OF DISCHARGE WHERE REQUIRED.

HANGER 4C
CONCRETE ANCHOR



ELEVATION DESIGNATION LEGEND



ALL PIPE LENGTHS ARE CENTER TO CENTER LENGTHS

THIS PLAN HYDRAULICALLY SIMILAR TO CALCULATED AREAS ON LEVEL 3 SOUTH & NORTH (FP-12 & FP-13)

THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILING AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

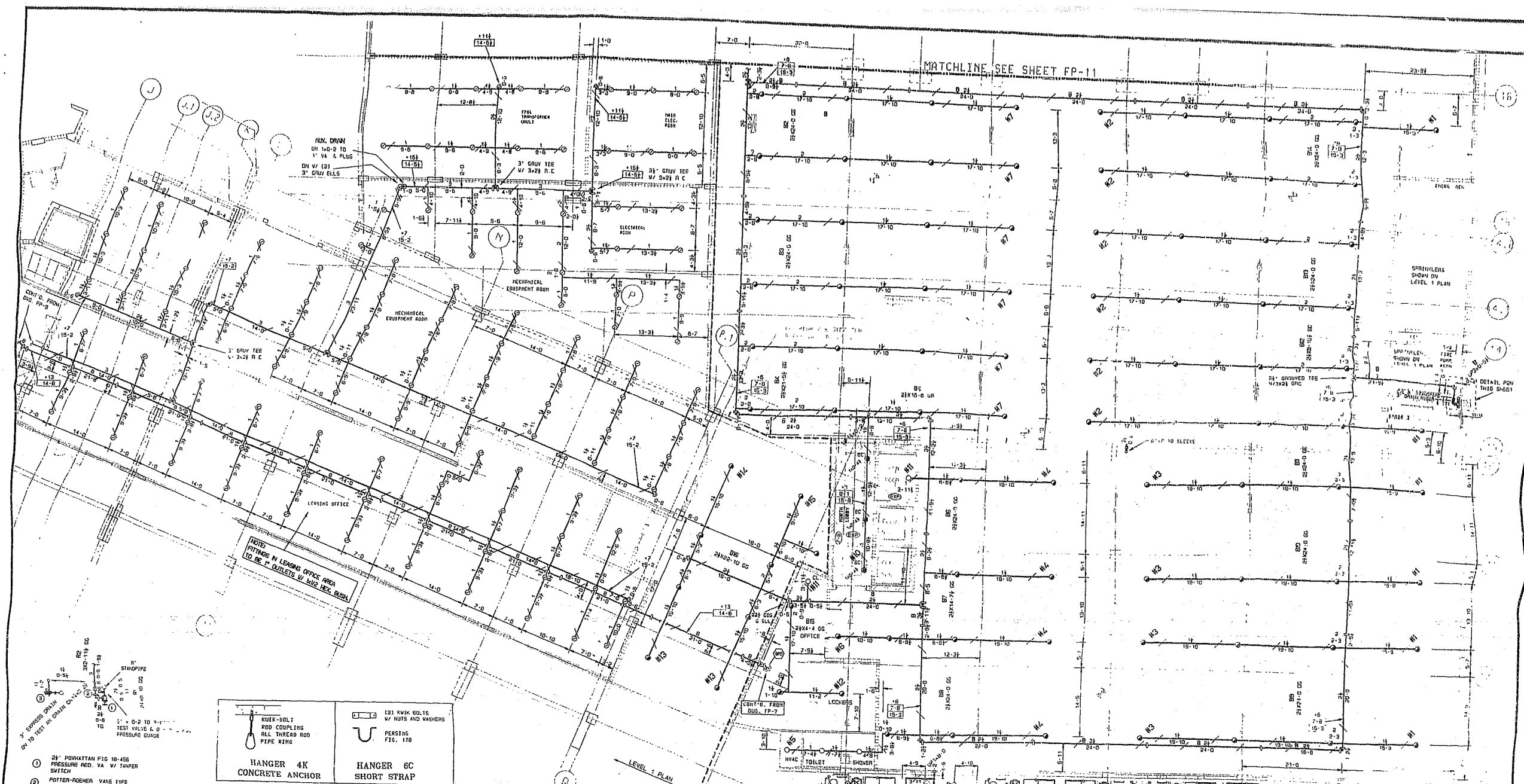
OWNER _____ DATE _____

DESIGNER _____ DATE _____

DATE _____

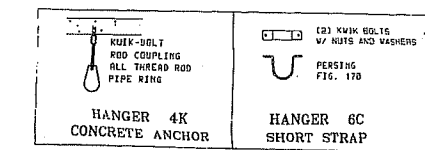
TOWNHOUSE BUILDING B
SEE SHEET FP-1

	<p>IMPACTS</p> <p>IN CONNECTION WITH THE DESIGN AND CONSTRUCTION OF THIS PROJECT, THE FOLLOWING IMPACTS HAVE BEEN IDENTIFIED AND TAKEN INTO CONSIDERATION BY THE DESIGNER:</p> <ul style="list-style-type: none"> 1. THE DESIGNER HAS CONSIDERED THE IMPACTS OF THE PROPOSED SYSTEM ON THE EXISTING SYSTEMS AND HAS TAKEN APPROPRIATE MEASURES TO AVOID INTERFERENCE. 2. THE DESIGNER HAS CONSIDERED THE IMPACTS OF THE PROPOSED SYSTEM ON THE EXISTING STRUCTURE AND HAS TAKEN APPROPRIATE MEASURES TO AVOID DAMAGE. 3. THE DESIGNER HAS CONSIDERED THE IMPACTS OF THE PROPOSED SYSTEM ON THE EXISTING UTILITIES AND HAS TAKEN APPROPRIATE MEASURES TO AVOID INTERFERENCE. 	<p>CONTRACT RESPONSIBILITIES</p> <p>THE DESIGNER'S RESPONSIBILITIES ARE LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROPOSED SYSTEM AS SHOWN ON THESE DRAWINGS. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.</p>	<p>SYMBOLS</p> <p>8" STANDPIPE 201 RISER CLAMP 21" PRESSURE REDUCING VALVE FINISHED FLOOR WELD-O-LET VALVE CLAMP 8" STANDPIPE</p>	<p>SPRINKLERS/NOZZLES</p> <table border="1"> <tr> <th>GROUP</th> <th>TYPE</th> <th>SIZE</th> <th>INSTALL</th> <th>FINISH</th> <th>REMARKS</th> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>1/2" x 1/2"</td> <td>1/2"</td> <td>155</td> <td>QUICK WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>3/4" x 1/2"</td> <td>3/4"</td> <td>155</td> <td>STANDARD WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>1" x 1/2"</td> <td>1"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>1 1/2" x 1/2"</td> <td>1 1/2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>2" x 1/2"</td> <td>2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>2 1/2" x 1/2"</td> <td>2 1/2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>3" x 1/2"</td> <td>3"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>3 1/2" x 1/2"</td> <td>3 1/2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>4" x 1/2"</td> <td>4"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>4 1/2" x 1/2"</td> <td>4 1/2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>5" x 1/2"</td> <td>5"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>5 1/2" x 1/2"</td> <td>5 1/2"</td> <td>155</td> <td>FAST RESP. WHITE</td> </tr> <tr> <td>CENTRAL</td> <td>UPRIGHT</td> <td>6" x 1/2"</td> <td>6"</td> <td>155</td> <td>FAST RESP. 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WHITE	CENTRAL	UPRIGHT	6 1/2" x 1/2"	6 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	7" x 1/2"	7"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	7 1/2" x 1/2"	7 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	8" x 1/2"	8"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	8 1/2" x 1/2"	8 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	9" x 1/2"	9"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	9 1/2" x 1/2"	9 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	10" x 1/2"	10"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	10 1/2" x 1/2"	10 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	11" x 1/2"	11"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	11 1/2" x 1/2"	11 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	12" x 1/2"	12"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	12 1/2" x 1/2"	12 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	13" x 1/2"	13"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	13 1/2" x 1/2"	13 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	14" x 1/2"	14"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	14 1/2" x 1/2"	14 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	15" x 1/2"	15"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	15 1/2" x 1/2"	15 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	16" x 1/2"	16"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	16 1/2" x 1/2"	16 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	17" x 1/2"	17"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	17 1/2" x 1/2"	17 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	18" x 1/2"	18"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	18 1/2" x 1/2"	18 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	19" x 1/2"	19"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	19 1/2" x 1/2"	19 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	20" x 1/2"	20"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	20 1/2" x 1/2"	20 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	21" x 1/2"	21"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	21 1/2" x 1/2"	21 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	22" x 1/2"	22"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	22 1/2" x 1/2"	22 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	23" x 1/2"	23"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	23 1/2" x 1/2"	23 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	24" x 1/2"	24"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	24 1/2" x 1/2"	24 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	25" x 1/2"	25"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	25 1/2" x 1/2"	25 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	26" x 1/2"	26"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	26 1/2" x 1/2"	26 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	27" x 1/2"	27"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	27 1/2" x 1/2"	27 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	28" x 1/2"	28"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	28 1/2" x 1/2"	28 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	29" x 1/2"	29"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	29 1/2" x 1/2"	29 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	30" x 1/2"	30"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	30 1/2" x 1/2"	30 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	31" x 1/2"	31"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	31 1/2" x 1/2"	31 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	32" x 1/2"	32"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	32 1/2" x 1/2"	32 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	33" x 1/2"	33"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	33 1/2" x 1/2"	33 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	34" x 1/2"	34"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	34 1/2" x 1/2"	34 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	35" x 1/2"	35"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	35 1/2" x 1/2"	35 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	36" x 1/2"	36"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	36 1/2" x 1/2"	36 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	37" x 1/2"	37"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	37 1/2" x 1/2"	37 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	38" x 1/2"	38"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	38 1/2" x 1/2"	38 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	39" x 1/2"	39"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	39 1/2" x 1/2"	39 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	40" x 1/2"	40"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	40 1/2" x 1/2"	40 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	41" x 1/2"	41"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	41 1/2" x 1/2"	41 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	42" x 1/2"	42"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	42 1/2" x 1/2"	42 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	43" x 1/2"	43"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	43 1/2" x 1/2"	43 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	44" x 1/2"	44"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	44 1/2" x 1/2"	44 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	45" x 1/2"	45"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	45 1/2" x 1/2"	45 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	46" x 1/2"	46"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	46 1/2" x 1/2"	46 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	47" x 1/2"	47"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	47 1/2" x 1/2"	47 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	48" x 1/2"	48"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	48 1/2" x 1/2"	48 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	49" x 1/2"	49"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	49 1/2" x 1/2"	49 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	50" x 1/2"	50"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	50 1/2" x 1/2"	50 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	51" x 1/2"	51"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	51 1/2" x 1/2"	51 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	52" x 1/2"	52"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	52 1/2" x 1/2"	52 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	53" x 1/2"	53"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	53 1/2" x 1/2"	53 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	54" x 1/2"	54"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	54 1/2" x 1/2"	54 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	55" x 1/2"	55"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	55 1/2" x 1/2"	55 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	56" x 1/2"	56"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	56 1/2" x 1/2"	56 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	57" x 1/2"	57"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	57 1/2" x 1/2"	57 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	58" x 1/2"	58"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	58 1/2" x 1/2"	58 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	59" x 1/2"	59"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	59 1/2" x 1/2"	59 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	60" x 1/2"	60"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	60 1/2" x 1/2"	60 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	61" x 1/2"	61"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	61 1/2" x 1/2"	61 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	62" x 1/2"	62"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	62 1/2" x 1/2"	62 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	63" x 1/2"	63"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	63 1/2" x 1/2"	63 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	64" x 1/2"	64"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	64 1/2" x 1/2"	64 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	65" x 1/2"	65"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	65 1/2" x 1/2"	65 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	66" x 1/2"	66"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	66 1/2" x 1/2"	66 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	67" x 1/2"	67"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	67 1/2" x 1/2"	67 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	68" x 1/2"	68"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	68 1/2" x 1/2"	68 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	69" x 1/2"	69"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	69 1/2" x 1/2"	69 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	70" x 1/2"	70"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	70 1/2" x 1/2"	70 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	71" x 1/2"	71"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	71 1/2" x 1/2"	71 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	72" x 1/2"	72"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	72 1/2" x 1/2"	72 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	73" x 1/2"	73"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	73 1/2" x 1/2"	73 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	74" x 1/2"	74"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	74 1/2" x 1/2"	74 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	75" x 1/2"	75"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	75 1/2" x 1/2"	75 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	76" x 1/2"	76"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	76 1/2" x 1/2"	76 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	77" x 1/2"	77"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	77 1/2" x 1/2"	77 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	78" x 1/2"	78"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	78 1/2" x 1/2"	78 1/2"	155	FAST RESP. WHITE	CENTRAL	UPRIGHT	79" x 1/2"	79"	155	FAST RESP. WHITE</
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- 1 2" PIVOTTAN FIG 10-456 PRESSURE RED. VA W/ TAMPER SWITCH
- 2 ROTTER-REISER VANE TYPE FLOW SWITCH
- 3 AEP MODEL 1011T TEST AIR DRAIN W/ RELIEF VA AND 1/2" CRIFICE

SPRINKLER SUPPLY DETAIL P2N



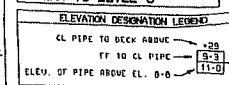
**PLAN VIEW / MID-RISE / LEVEL 1 NORTH
PARKING LEVEL 2 NORTH**

SCALE: 1" = 1'-0"
 PP EL. - 2'-7"
 RSP EL. - 0'-0"
 GGD - 15'-9/16"-2)

THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILING AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

OWNER _____ DATE _____
 ARCHITECT _____ DATE _____
 GENERAL CONT _____ DATE _____

NOTE: THE PARKING GARAGE SYSTEMS ARE HYDRAULICALLY SIMILAR TO LEVEL 6



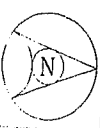
ALL PIPE LENGTHS SHOWN ARE CENTER TO CENTER EXCEPT PARKING SYSTEM P2N WHICH IS SHOWN CUT

SEE SHEET FP-1 FOR GENERAL NOTES

GENERAL NOTES
 1 ALL EXPOSED PIPE TO BE 5/8" ON 4" FOR 1" IN - 2" IN AND 5/8" FOR 2" IN AND LARGER
 2 ALL EXPOSED PIPE TO USE AN HANGER AND
 3 INITIAL WALL PLATES AT ALL WALL PENETRATIONS OF EXPOSED PIPING

ALL PIPING SOUTH OF COLUMN LINE Q - INCLUDING 8" MAIN - NOT INCLUDED IN REVISION 3 CONSTRUCTION RELEASE

THE LEVEL 1 MID-RISE PLAN IS HYDRAULICALLY SIMILAR TO CALCULATED AREAS ON LEVEL 3 SOUTH & NORTH (FP-12 & FP-13)



KEY PLAN

IMPORTANT
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE NECESSARY PERMITS AND TO OBTAIN THE NECESSARY APPROVALS FROM THE CITY OF MIAMI BEACH FOR THE INSTALLATION OF THE SYSTEM.

ITEM	DESCRIPTION	DATE

SYMBOLS	DESCRIPTION

SPRINKLERS/NOZZLES	DESCRIPTION

ABBREVIATIONS	DESCRIPTION

APPROVALS	DATE

REVISIONS

NO.	DESCRIPTION	DATE

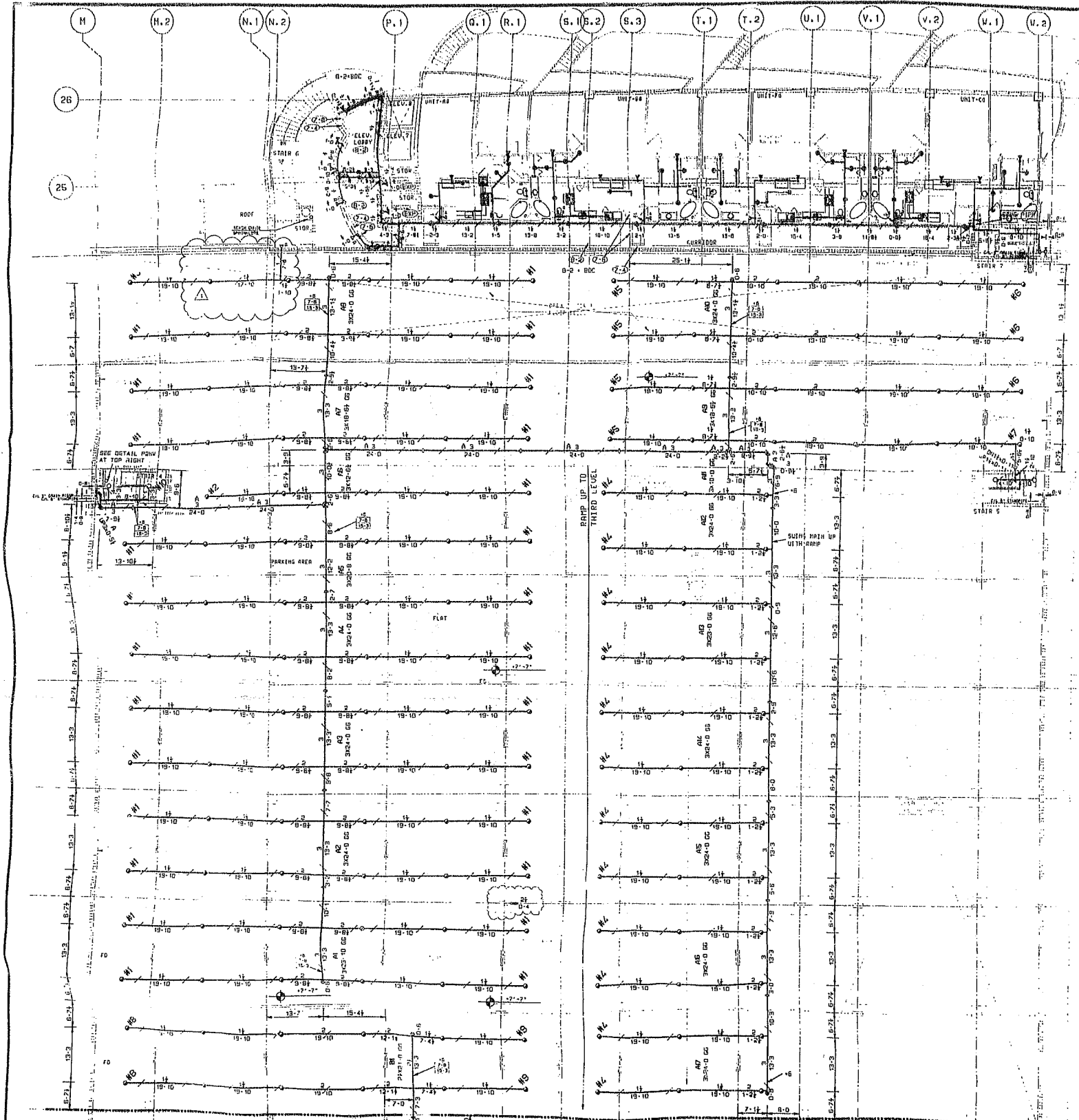
STEVEN FELLER, P.E., INC.
 CONSULTING ENGINEERS
 2701 G. GARDNER PARK BLVD., SUITE 310
 ORLANDO, FL 32811 767-722-7400

Grinnell Fire Protection
 ELECTRIC SPRINKLER SYSTEMS
 LOCAL OFFICE: 2701 G. GARDNER PARK BLVD., SUITE 310, ORLANDO, FL 32811 407-722-7400

SYSTEM INFO
 PROJECT NO. 2000-001
 SHEET NO. 20 OF 20
 DATE: 06/15/00

THE GRAND FLAMINGO
 1500 BAY ROAD
 MIAMI BEACH, FLORIDA

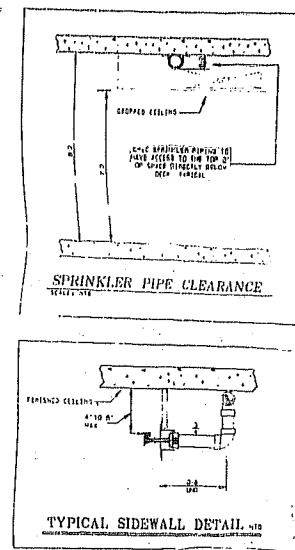
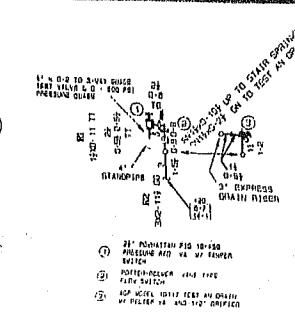
AS NOTED
 DATE: JUN 30, 2000
 SHEET NO. 20 OF 20
 DRAWING NO. 022-422841-01
 PROJECT NO. 2000-001
 SHEET NO. 20 OF 20
 DATE: JUN 30, 2000
 DRAWING NO. 022-422841-01
 PROJECT NO. 2000-001



PLAN VIEW / MID-RISE / LEVEL 2 NW
 SCALE: 3/32" = 1'-0"
 REF. EL. + 0'-0"
 800' x 15'-00" (2)

SEE SHEET FP-1 FOR GENERAL NOTES

NOTE: THE PARKING GARAGE SYSTEMS ARE HYDRAULICALLY SIMILAR TO LEVEL 6



HANGER DETAILS

1/2" X 1/4" BOLTS W/ NUTS AND WASHERS
 PER FIG. 170

HANGER 0C SHORT STRAP

201 RISER CLAMP

HANGER 4K CONCRETE ANCHOR

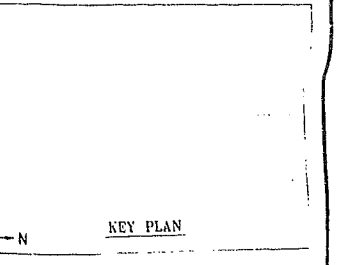
THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONFORMANCE WITH THE LOCAL CODES AND REGULATIONS, BUT IS NOT APPROVED FOR INSTALLATION AS SHOWN.

OWNER: _____ DATE: _____
 PROJECT: _____ DATE: _____
 DRAWN BY: _____ DATE: _____

PIPE SIZE	MAXIMUM SPACING
1"	5'-0"
1 1/2"	6'-0"
2"	7'-0"
3"	8'-0"

- GENERAL NOTES**
1. ALL PIPING SHALL BE 20% OVERSIZED.
 2. ALL BRACKET PIPING SHALL BE 20% OVERSIZED.
 3. ALL PIPE SHALL BE 20% OVERSIZED.
 4. ALL PIPE SHALL BE 20% OVERSIZED.
 5. ALL BRACKET PIPING SHALL BE 20% OVERSIZED.
 6. ALL BRACKET PIPING SHALL BE 20% OVERSIZED.
 7. SEE SHEET FP-1 FOR GENERAL NOTES.
 8. SEE SHEET FP-1 FOR GENERAL NOTES.
 9. SEE SHEET FP-1 FOR GENERAL NOTES.
 10. SEE SHEET FP-1 FOR GENERAL NOTES.

ELEVATION DESIGNATION LEGEND
 ALL STEEL PIPE LENGTHS SHOWN CUT
 ALL CPVC PIPE LENGTHS ARE CENTER TO CENTER



IMPORTANT

THIS DRAWING IS THE PROPERTY OF STEVEN FELLER P.E. INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF STEVEN FELLER P.E. INC.

CONTRACT RESPONSIBILITIES

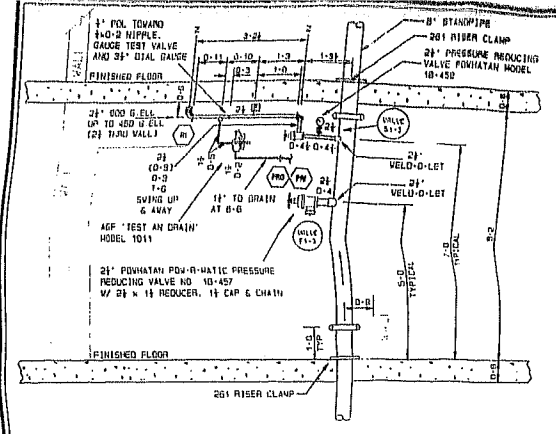
DESIGN: STEVEN FELLER P.E. INC.
 CONTRACTOR: _____

SYMBOLS

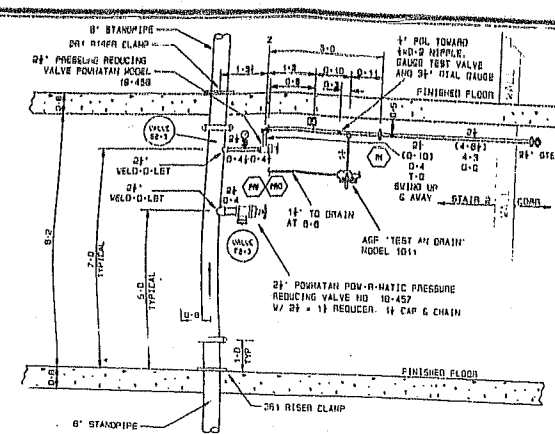
SYMBOL	DESCRIPTION
(Symbol)	SPRINKLER HEAD
(Symbol)	VALVE
(Symbol)	PIPE
(Symbol)	ANCHOR
(Symbol)	CLAMP
(Symbol)	STRAP
(Symbol)	CLAMP
(Symbol)	STRAP
(Symbol)	CLAMP
(Symbol)	STRAP

SPRINKLERS/NOZZLES

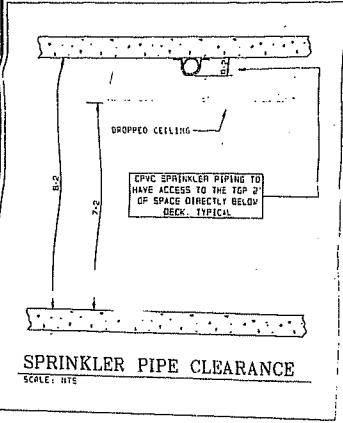
MODEL	TYPE	SIZE	TEMP.	ORIF.	FLOW	OPERATION
CENTRAL 68	UPRIGHT	1/2"	155°	1.125"	1.5 GPM	QUICK WHITE
CENTRAL 68	UPRIGHT	3/4"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	1"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	1 1/4"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	1 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	2 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	3"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	3 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	4"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	4 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	5"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	5 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	6"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	6 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	7"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	7 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	8"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	8 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	9"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	9 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	10"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	10 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	11"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	11 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	12"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	12 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	13"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	13 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	14"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	14 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	15"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	15 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	16"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	16 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	17"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	17 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	18"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	18 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	19"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	19 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	20"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	20 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	21"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	21 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	22"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	22 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	23"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	23 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	24"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	24 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	25"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	25 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	26"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	26 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	27"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	27 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	28"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	28 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	29"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	29 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	30"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	30 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	31"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	31 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	32"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	32 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	33"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	33 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	34"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	34 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	35"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	35 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	36"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	36 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	37"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	37 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	38"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	38 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	39"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	39 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	40"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	40 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	41"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	41 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	42"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	42 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	43"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	43 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	44"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	44 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	45"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	45 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	46"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	46 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	47"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	47 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	48"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	48 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	49"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	49 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	50"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	50 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	51"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	51 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	52"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	52 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	53"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	53 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	54"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	54 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	55"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	55 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	56"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	56 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	57"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	57 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	58"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	58 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	59"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	59 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	60"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	60 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	61"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	61 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	62"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	62 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	63"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	63 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	64"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	64 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	65"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	65 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	66"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	66 1/2"	155°	1.125"	1.5 GPM	STANDARD WHITE
CENTRAL 68	UPRIGHT	67"	155°	1.125"	1.5 GPM	STANDARD WHITE



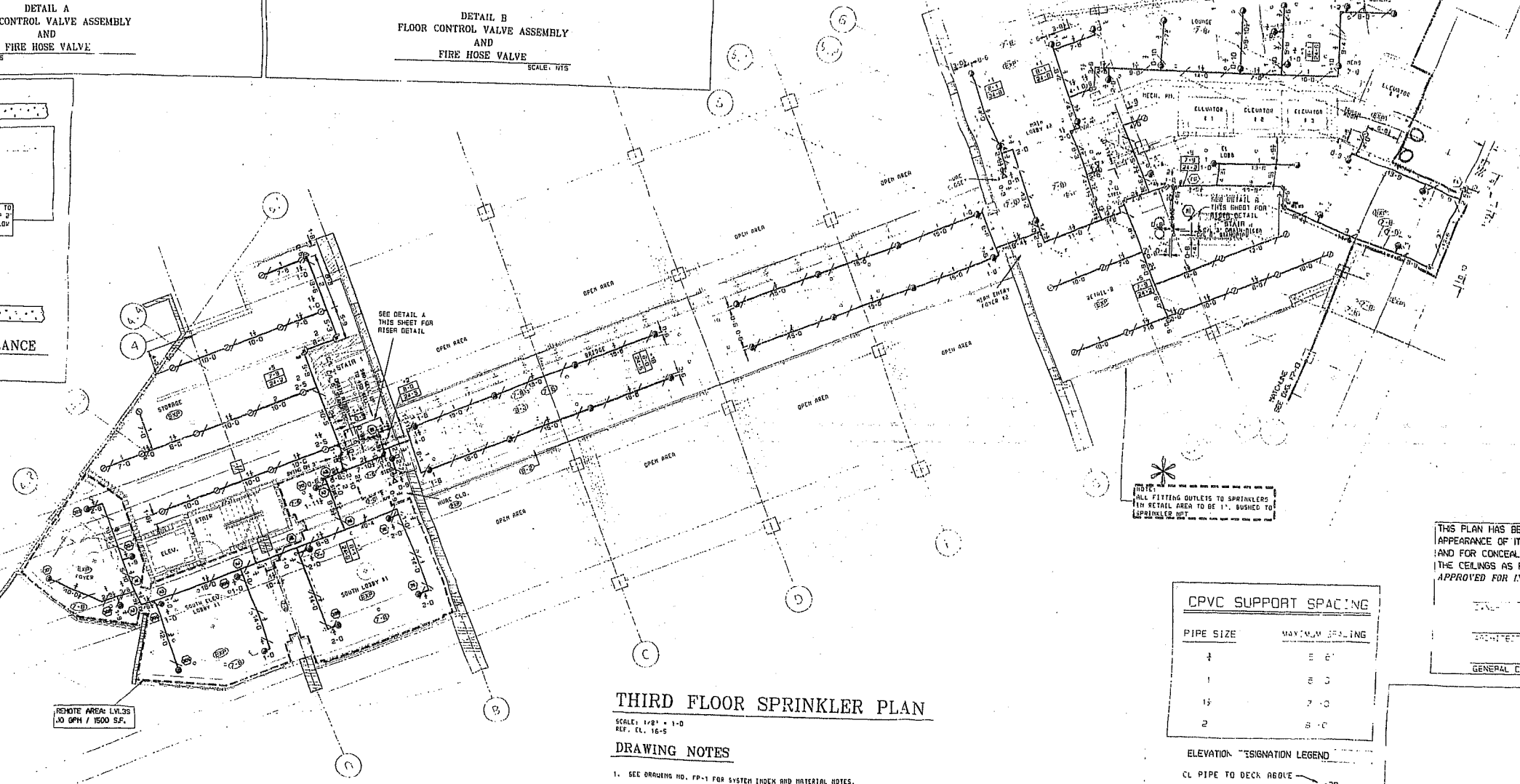
DETAIL A
FLOOR CONTROL VALVE ASSEMBLY
AND
FIRE HOSE VALVE
SCALE: NTS



DETAIL B
FLOOR CONTROL VALVE ASSEMBLY
AND
FIRE HOSE VALVE
SCALE: NTS

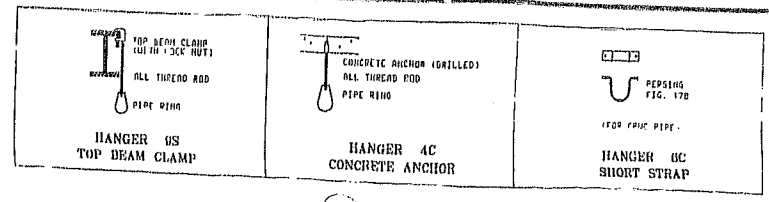


SPRINKLER PIPE CLEARANCE
SCALE: NTS



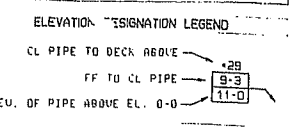
THIRD FLOOR SPRINKLER PLAN
SCALE: 1/8" = 1'-0"
REF. EL. 16'-5"

- DRAWING NOTES**
- SEE DRAWING NO. PP-1 FOR SYSTEM INDEX AND MATERIAL NOTES.
 - CONSTRUCTION THIS AREA FEATURES HOIST A FLAT CONCRETE DECK ABOVE.
 - ALL LOW POINT DRAINS TO BE FIELD 1/2" PIPED TO SUMP POINT OF DISCHARGE WHERE REQUIRED.



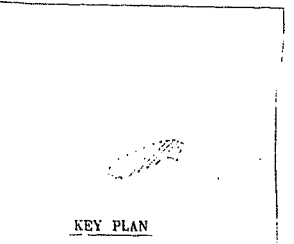
CPVC SUPPORT SPACING

PIPE SIZE	MAXIMUM SPACING
1/2"	5'-0"
1"	6'-0"
1 1/2"	7'-0"
2"	8'-0"



THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILING AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

DATE	DATE
ARCHITECT	DATE
GENERAL CONT	DATE



ALL STEEL PIPE LENGTHS ARE CENTER TO CENTER LENGTHS
ALL CPVC PIPE LENGTHS ARE CENTER TO CENTER LENGTHS

STEVEN FELLER, P.E. INC.
CONSULTING ENGINEERS
2701 W. ORLAND PARK BLVD., SUITE 310
ORLAND PARK, IL 32241 634-730-7400

IMPORTANT

IN ACCEPTING CONTRACT FOR THIS PROJECT, THE OWNER'S RESPONSIBILITY TO PROVIDE ALL NECESSARY INFORMATION, PERMITS AND INSURANCE IS ACKNOWLEDGED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE.

CONTRACT RESPONSIBILITIES

ITEM: CITY CONNECTION, EXISTING RISER, EXISTING VALVE, EXISTING PIPING

SYMBOLS

2 1/2" RISER CLAMP, 2 1/2" PRESSURE REDUCING VALVE, 2 1/2" FIRE HOSE VALVE, 2 1/2" RISE, 2 1/2" FALL, 2 1/2" HORIZONTAL, 2 1/2" VERTICAL, 2 1/2" DIAGONAL

SPRINKLERS/NOZZLES

NO.	MODEL	STYLE	K	ORIFICE	TEMP.	LISTED	INSTALLATION
1	QUICK	UPRIGHT	1.2	1/2"	165	165	QUICK
2	QUICK	UPRIGHT	1.2	1/2"	165	165	QUICK
3	QUICK	UPRIGHT	1.2	1/2"	165	165	QUICK

ABBREVIATIONS

○	UNIT COMPARTMENT FINISH
○	UNIT COMPARTMENT FINISH
○	UNIT COMPARTMENT FINISH

APPROVALS

DATE: SEP 11 2000

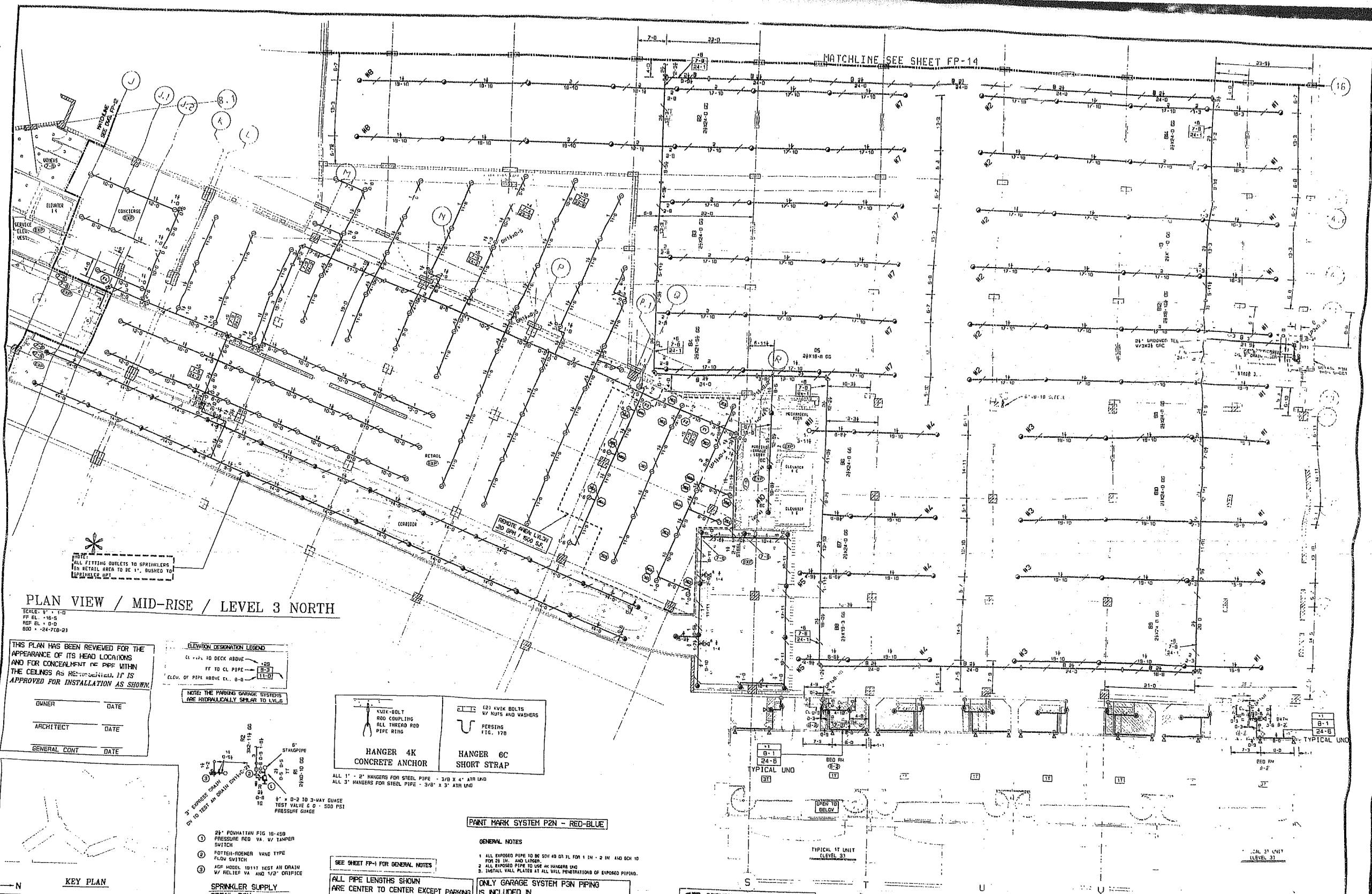
SYSTEM INFO

DATE: 09/01/00
SCALE: 1/8" = 1'-0"

THE GRAND FLAMINGO
1500 BAY ROAD
MIAMI BEACH, FLORIDA

LEVEL 3 - SOUTH

SCALE: 1/8" = 1'-0"
DATE: 09/01/00
DRAWN BY: J. S. CHAMBERLAIN



PLAN VIEW / MID-RISE / LEVEL 3 NORTH

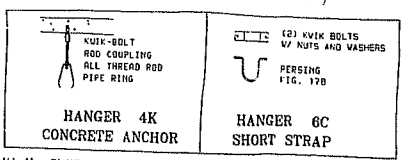
SCALE: 1/4" = 1'-0"
 FF EL. +10.0
 REF EL. +0.0
 800 - 24-700-21

THIS PLAN HAS BEEN REVIEWED FOR THE APPEARANCE OF ITS HEAD LOCATIONS AND FOR CONCEALMENT OF PIPE WITHIN THE CEILING AS REPRESENTED. IT IS APPROVED FOR INSTALLATION AS SHOWN.

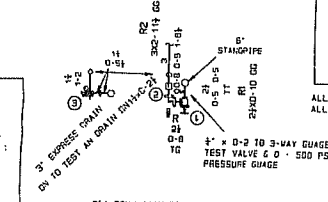
OWNER _____ DATE _____
 ARCHITECT _____ DATE _____
 GENERAL CONT. _____ DATE _____

ELEVATION DESIGNATION LEGEND
 CL + 10.0 TO DECK ABOVE
 FF TO CL PIPE
 CLEV. OF PIPE ABOVE CL. 0.0

NOTE: THE PARKING GARAGE SYSTEMS ARE HYDRAULICALLY SIMILAR TO LEVELS



ALL 1" - 2" HANGERS FOR STEEL PIPE - 3/8" X 4" AT 4' ON
 ALL 3" HANGERS FOR STEEL PIPE - 3/8" X 3" AT 4' ON



2" x 2" FOUNDATION FIG. 10-550
 PRESSURE RED. VA. W/ TAMPER SWITCH
 1" FOTEN-ROEMER VANE TYPE FLOW SWITCH
 1/2" MODEL 101117 TEST AIR DRAIN W/ RELIEF VA. AND 1/2" CRUIPIE

SPRINKLER SUPPLY DETAIL P2N

PAINT MARK SYSTEM P2N - RED-BLUE

GENERAL NOTES

- ALL EXPOSED PIPE TO BE SHD. 40 FT. FOR 1 IN. - 2 IN. AND 60 FT. FOR 2 1/2 IN. AND LARGER
- ALL EXPOSED PIPE TO USE HANGERS AND
- INSTALL VALVE PLATES AT ALL WALL PENETRATIONS OF EXPOSED PIPING.

SEE SHEET FP-1 FOR GENERAL NOTES
 ALL PIPE LENGTHS SHOWN ARE CENTER TO CENTER EXCEPT PARKING SYSTEM P2N WHICH IS SHOWN CUT

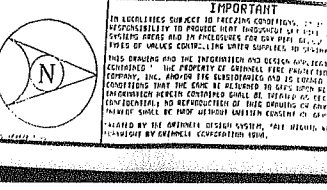
ONLY GARAGE SYSTEM P2N PIPING IS INCLUDED IN REVISION 3 CONSTRUCTION RELEASE

STEVEN FELLER, P.E., INC.
 CONSULTING ENGINEERS
 2701 W. GARDLAND PARK BLVD. SUITE 310
 GORLAND PARK, FL 33511 954-733-7480

SYMBOL	DESCRIPTION	NOTES	REVISIONS
SPRINKLER	STANDARD	RECEIVED	
NOZZLES	STANDARD	RECEIVED	
...

SYMBOL	DESCRIPTION	NOTES
...

REVISIONS	DATE	DESCRIPTION
1
2
3



IMPORTANT
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND THE MIAMI-DADE COUNTY DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND THE MIAMI-DADE COUNTY DEPARTMENT OF PUBLIC WORKS.

CONTRACT RESPONSIBILITIES
 ARCHITECT: DESIGN AND PREPARE CONSTRUCTION DOCUMENTS.
 ENGINEER: DESIGN AND PREPARE CONSTRUCTION DOCUMENTS.
 CONTRACTOR: INSTALL AND MAINTAIN THE SYSTEM.

SYSTEM INFO
 THE GRAND FLAMINGO
 1500 BAY 5050
 MIAMI BEACH, FLORIDA

ABBREVIATIONS
 A/C: AIR CONDITIONING
 B.S.: BRICK SURFACE
 C.C.: CONCRETE CURB
 C.F.: CONCRETE FINISH
 C.G.: CONCRETE GRADE
 C.P.: CONCRETE PAVEMENT
 C.S.: CONCRETE SLAB
 C.T.: CONCRETE TIE
 C.W.: CONCRETE WALL
 D.C.: DRAINAGE CHANNEL
 D.P.: DRAINAGE PUMP
 D.S.: DRAINAGE SUMP
 E.C.: ELECTRICAL CONTROL
 E.L.: ELECTRICAL LEAD
 E.P.: ELECTRICAL PANEL
 E.S.: ELECTRICAL SERVICE
 E.T.: ELECTRICAL TRUNKING
 F.C.: FINISH CONCRETE
 F.F.: FINISH FLOOR
 F.P.: FINISH PLASTER
 G.C.: GROUT CURB
 G.P.: GROUT PUMP
 G.S.: GROUT SUMP
 H.C.: HANGING CURB
 H.P.: HANGING PANEL
 H.S.: HANGING SERVICE
 H.T.: HANGING TRUNKING
 I.C.: INSULATION CURB
 I.P.: INSULATION PANEL
 I.S.: INSULATION SERVICE
 I.T.: INSULATION TRUNKING
 J.C.: JOINT CURB
 J.P.: JOINT PANEL
 J.S.: JOINT SERVICE
 J.T.: JOINT TRUNKING
 L.C.: LIGHT CURB
 L.P.: LIGHT PANEL
 L.S.: LIGHT SERVICE
 L.T.: LIGHT TRUNKING
 M.C.: MASONRY CURB
 M.P.: MASONRY PANEL
 M.S.: MASONRY SERVICE
 M.T.: MASONRY TRUNKING
 N.C.: NON-COMBUSTIBLE CURB
 N.P.: NON-COMBUSTIBLE PANEL
 N.S.: NON-COMBUSTIBLE SERVICE
 N.T.: NON-COMBUSTIBLE TRUNKING
 O.C.: OIL CURB
 O.P.: OIL PANEL
 O.S.: OIL SERVICE
 O.T.: OIL TRUNKING
 P.C.: PLASTER CURB
 P.P.: PLASTER PANEL
 P.S.: PLASTER SERVICE
 P.T.: PLASTER TRUNKING
 R.C.: REINFORCED CONCRETE CURB
 R.P.: REINFORCED CONCRETE PANEL
 R.S.: REINFORCED CONCRETE SERVICE
 R.T.: REINFORCED CONCRETE TRUNKING
 S.C.: STRUCTURAL CURB
 S.P.: STRUCTURAL PANEL
 S.S.: STRUCTURAL SERVICE
 S.T.: STRUCTURAL TRUNKING
 T.C.: TIE CURB
 T.P.: TIE PANEL
 T.S.: TIE SERVICE
 T.T.: TIE TRUNKING
 U.C.: UNFINISHED CURB
 U.P.: UNFINISHED PANEL
 U.S.: UNFINISHED SERVICE
 U.T.: UNFINISHED TRUNKING
 V.C.: VENT CURB
 V.P.: VENT PANEL
 V.S.: VENT SERVICE
 V.T.: VENT TRUNKING
 W.C.: WOOD CURB
 W.P.: WOOD PANEL
 W.S.: WOOD SERVICE
 W.T.: WOOD TRUNKING
 X.C.: EXPOSED CONCRETE CURB
 X.P.: EXPOSED CONCRETE PANEL
 X.S.: EXPOSED CONCRETE SERVICE
 X.T.: EXPOSED CONCRETE TRUNKING
 Y.C.: YIELD CURB
 Y.P.: YIELD PANEL
 Y.S.: YIELD SERVICE
 Y.T.: YIELD TRUNKING
 Z.C.: ZONE CURB
 Z.P.: ZONE PANEL
 Z.S.: ZONE SERVICE
 Z.T.: ZONE TRUNKING

APPROVALS
 CITY: _____
 COUNTY: _____
 ENGINEER: _____
 ARCHITECT: _____

DATE
 SEP 12, 2000

REVISIONS
 1. CORRECTED THE SPRINKLER PIPING FOR CONSTRUCTION.
 2. CORRECTED THE NOZZLE SIZES.
 3. CORRECTED THE HANGING SYSTEM P2N PIPING.

LASON SYSTEM'S INC. S.E.

6554 N.W. 42 STREET, MIAMI, FLORIDA 33126
305-477-9149 • 800-257-4799 • FAX 305-477-7526

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