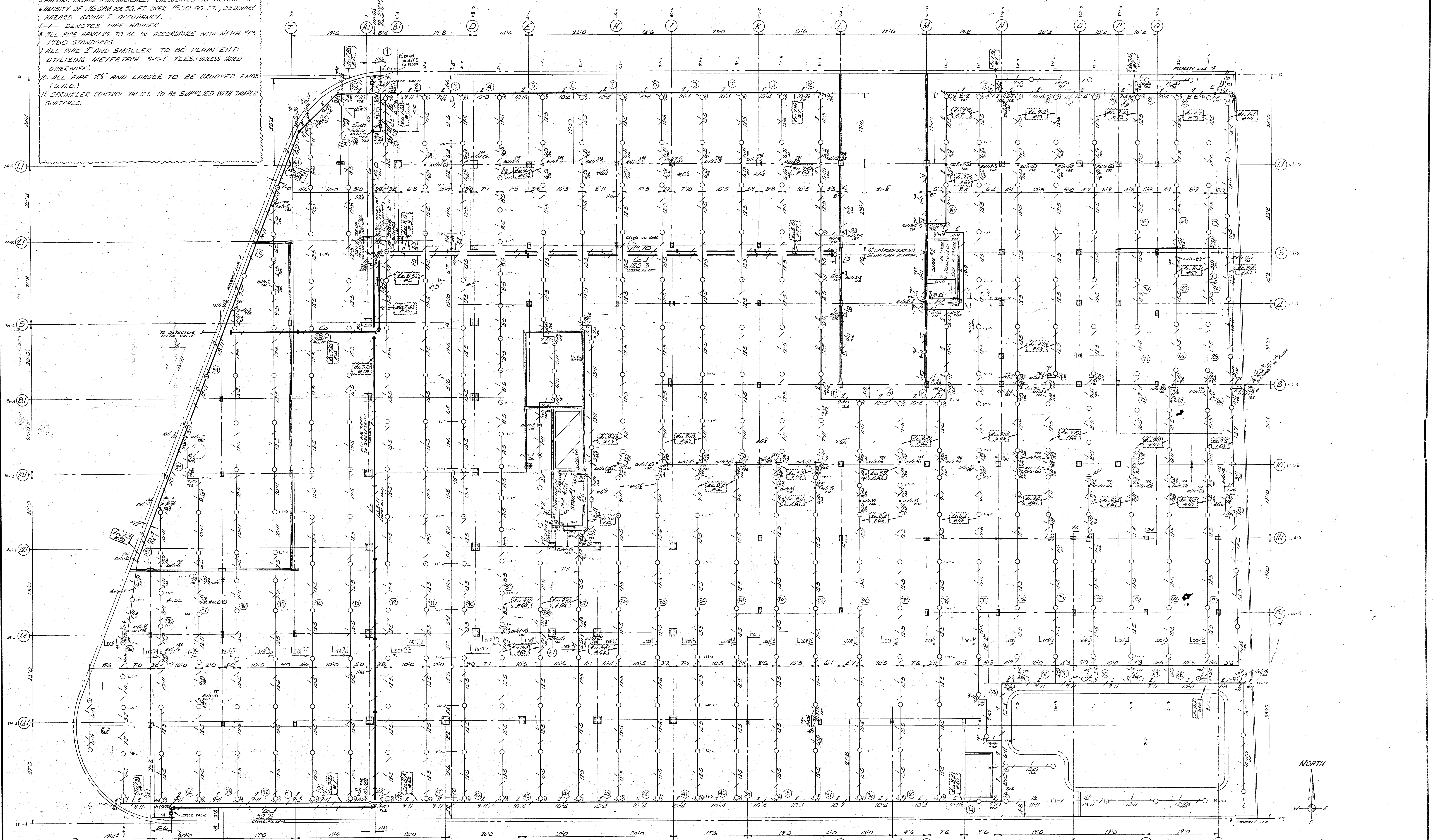


GENERAL NOTES

1. GARAGE LEVEL FLOOR = +2'-2" ABOVE DATUM (U.M.D.)
2. 2'-0" DENOTES CENTER LINE OF PIPE ABOVE +2'-2" FIN FLOOR
3. 2'-0" DENOTES CENTER LINE OF PIPE DOWN FROM CEILING SLAB.
4. (1) - DENOTES HYDRAULIC CALCULATION REFERENCE POINT (PIPE NUMBER)
5. PARKING GARAGE HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF .16 GPM PER SQ. FT. OVER 1500 SQ. FT. ORDINARY HAZARD GROUP I OCCUPANCY.
6. - DENOTES PIPE HANGER
7. ALL PIPE HANGERS TO BE IN ACCORDANCE WITH NFPA #13 1980 STANDARDS.
8. ALL PIPE 2" AND SMALLER TO BE PLAIN END UTILIZING MEYERTECH S-S-T TEES (UNLESS NOTED OTHERWISE)
9. ALL PIPE 2 1/2" AND LARGER TO BE GROOVED ENDS (U.M.D.)
10. SPRINKLER CONTROL VALVES TO BE SUPPLIED WITH TAMPER SWITCHES.



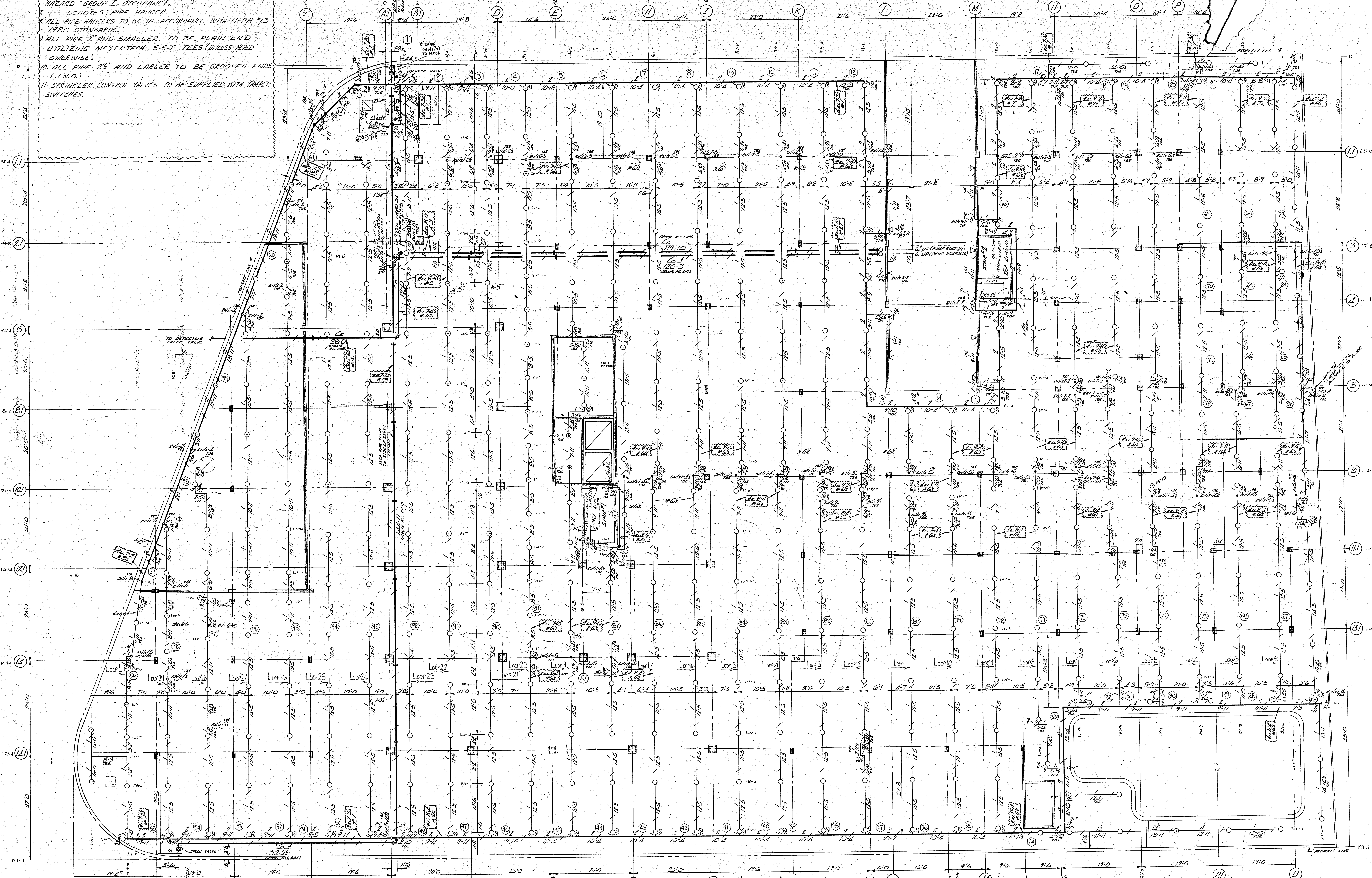
APPROVED BY
DADE COUNTY FIRE DEPARTMENT
SPR-20-160 BLDG. PERMIT ON-SITE
WATER MAIN EXTENSION
DATE 2-13-20 BY JRR

		FIGURES NOTED THIS 1-X1. DENOTE DISTANCE IN INCHES FROM PIPE CENTER LINE TO									
BY	APPROVALS					NAME	DATE				
DATE	INSURANCE ACCEPTANCE										
	BUILDING CODE APPROVAL										
	OWNER APPROVAL										
REVISION	TYPE SPRINKLERS					SYM	165'	212'	286'	FINISH	TOTAL
	UPRIGHT 1/2"					○				BRONZE	476
	PENDENT 1/2"					⊙				CHROME	2
	SIDEWALL					△				BRONZE	1
	PENDENT 3/4"					⊙				BRONZE	1
					TOTAL THIS SHEET					480	
M.E.					TOTAL ON JOB					2,397	

OWNER/OCCUPANT
CHAMPLAIN TOWERS SOUTH
577 COLLINS AVENUE
SUITE 100
MIAMI BEACH, FLORIDA 33139
THIS SHEET
AUTOMATIC SPRINKLER GARAGE LEVEL
OCCUPANCY: ORDINARY HAZARD GROUP I OCCUPANCY
16 GPM / 150 FT. OVER 1500 SQUARE FEET
DESIGNED BY: JRR
CHECKED BY: JRR
DATE: 2-13-20
ECONOMY FIRE PROTECTION, INC.
210 LINCOLN STREET
HOLLYWOOD, FLA. 33020

GENERAL NOTES

1. GARAGE LEVEL FLOOR = +2'-2" ABOVE DATUM (U.M.D.)
2. E.L. 9.10' - DENOTES CENTER LINE OF PIPE ABOVE +2'-2" FIN. FLOOR
3. *E.L. 2.5' - DENOTES CENTER LINE OF PIPE DOWN FROM CEILING SLAB.
4. (1) - DENOTES HYDRAULIC CALCULATION REFERENCE POINT (PIPE NUMBER)
5. PARKING GARAGE HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF .16 GPM PER SQ. FT. OVER 1500 SQ. FT. ORDINARY HAZARD GROUP I OCCUPANCY.
6. - DENOTES PIPE HANGER
7. ALL PIPE HANGERS TO BE IN ACCORDANCE WITH NFPA #13 1990 STANDARDS.
8. ALL PIPE 2" AND SMALLER TO BE PLAIN END UTILIZING MEYERTECH S-S-T TEES, UNLESS NOTED OTHERWISE
9. ALL PIPE 2 1/2" AND LARGER TO BE GROOVED ENDS (U.M.D.)
10. SPRINKLER CONTROL VALVES TO BE SUPPLIED WITH TAMPER SWITCHES.

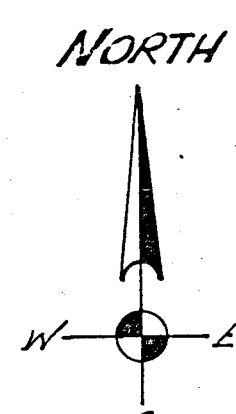


TOWN OF SURFSIDE

TOWN OF SURFSIDE

TOWN OF SURFSIDE

TOWN OF SURFSIDE



APPROVALS		NAME	DATE
DATE	BY		
INSURANCE ACCEPTANCE			
BUILDING CODE APPROVAL			
OWNER APPROVAL			
TYPE SPRINKLERS	SYM	165	212
UPRIGHT 1/2"	○	BRONZE	216
PENDENT 1/2"	○	CHROME	2
SIDEWALL	○	BRONZE	1
PENDENT 1/2"	○	BRONZE	1
TOTAL THIS SHEET		219	
TOTAL ON JOB		219	

CHAMPLAIN TOWERS
877 COLLINS
SURFSIDE, VT
THIS SHEET AUTOMATIC SPRINKLER
OCCUPANCY DESIGN CRITERIA
ORDINARY
16 GPM

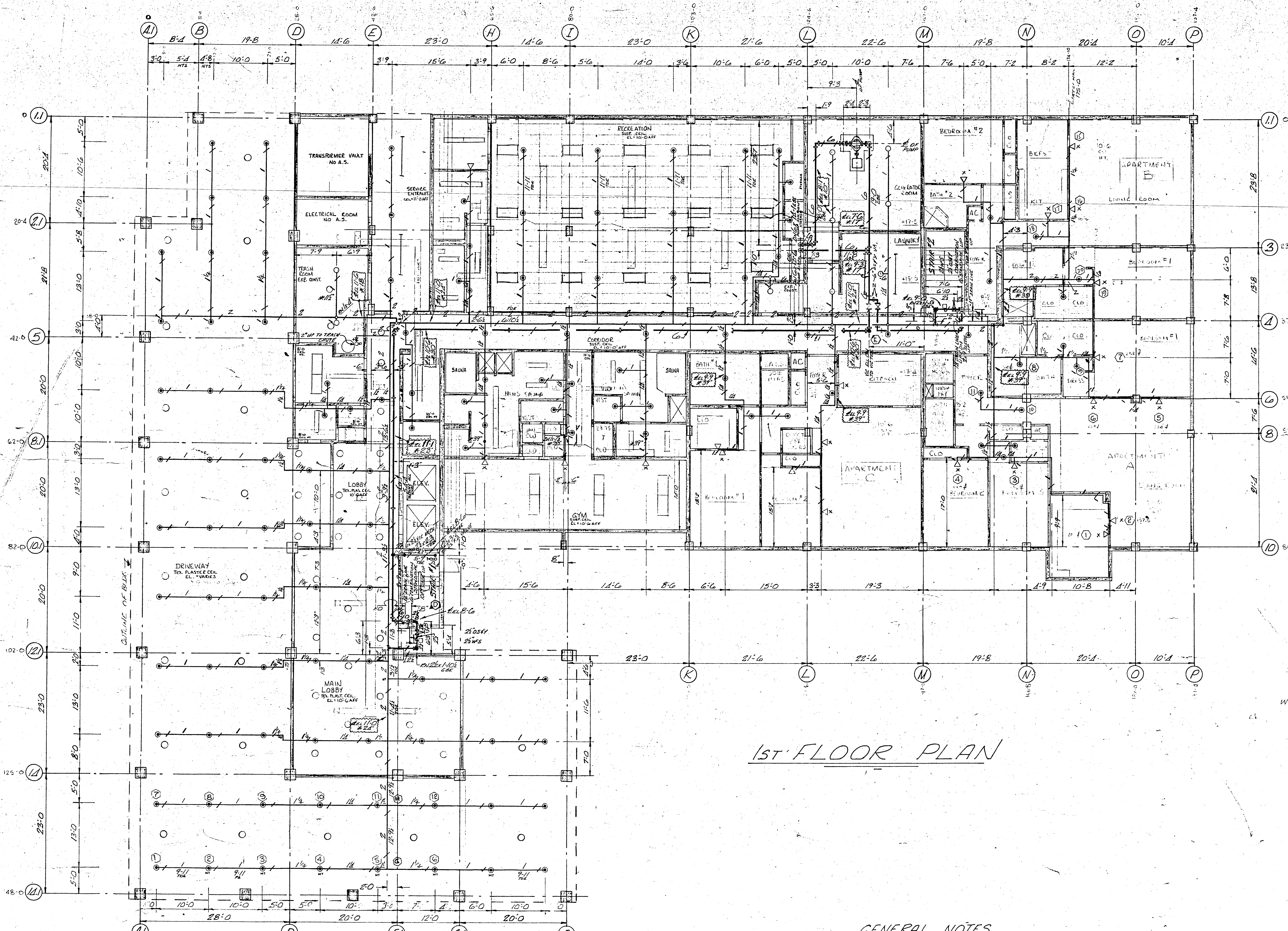
OWNER/OCCUPANT
SURVEY BY

Approved
Approved as noted
Disapproved

Approved
Approved as noted
Disapproved

Approved
Approved as noted
Disapproved

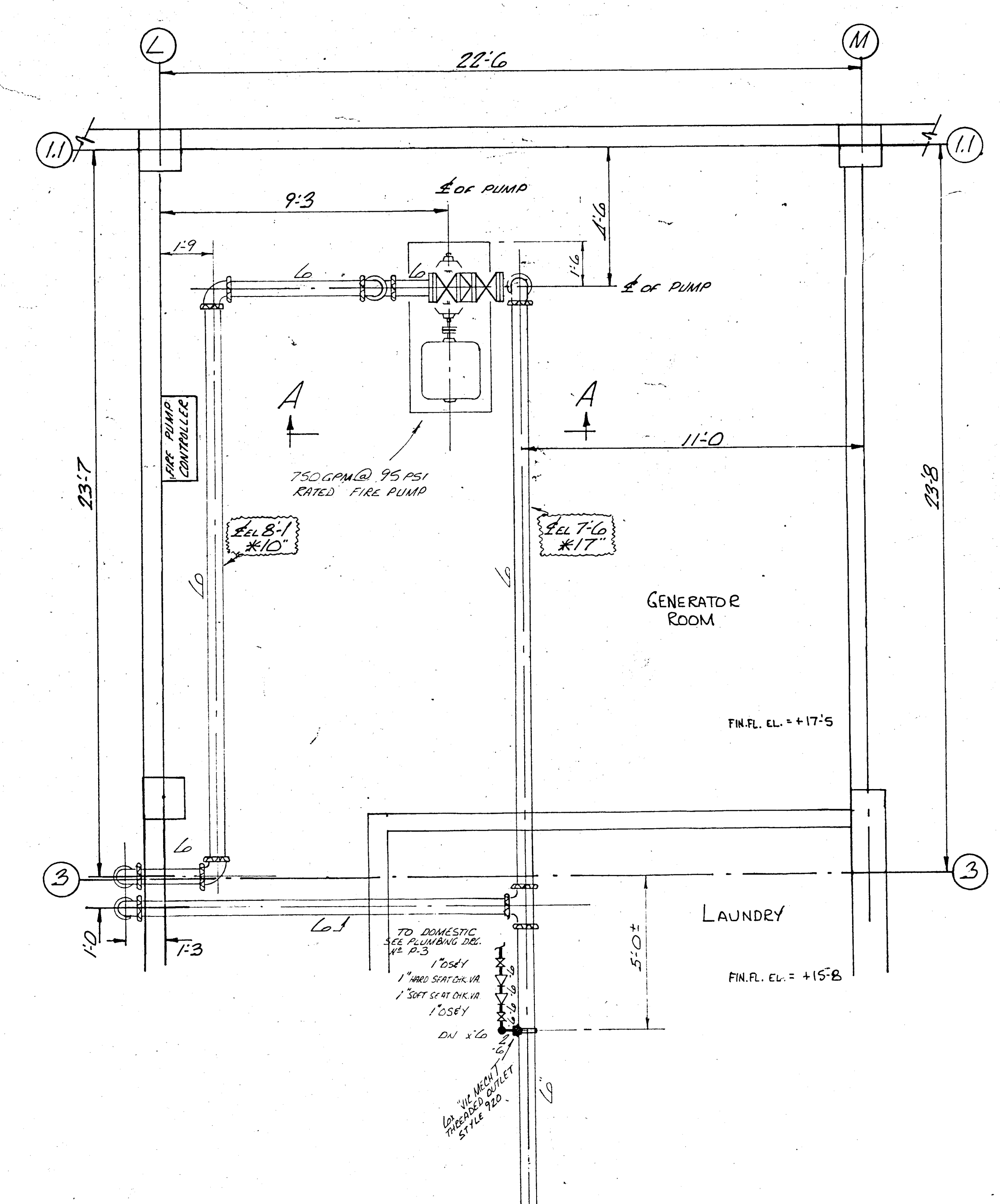
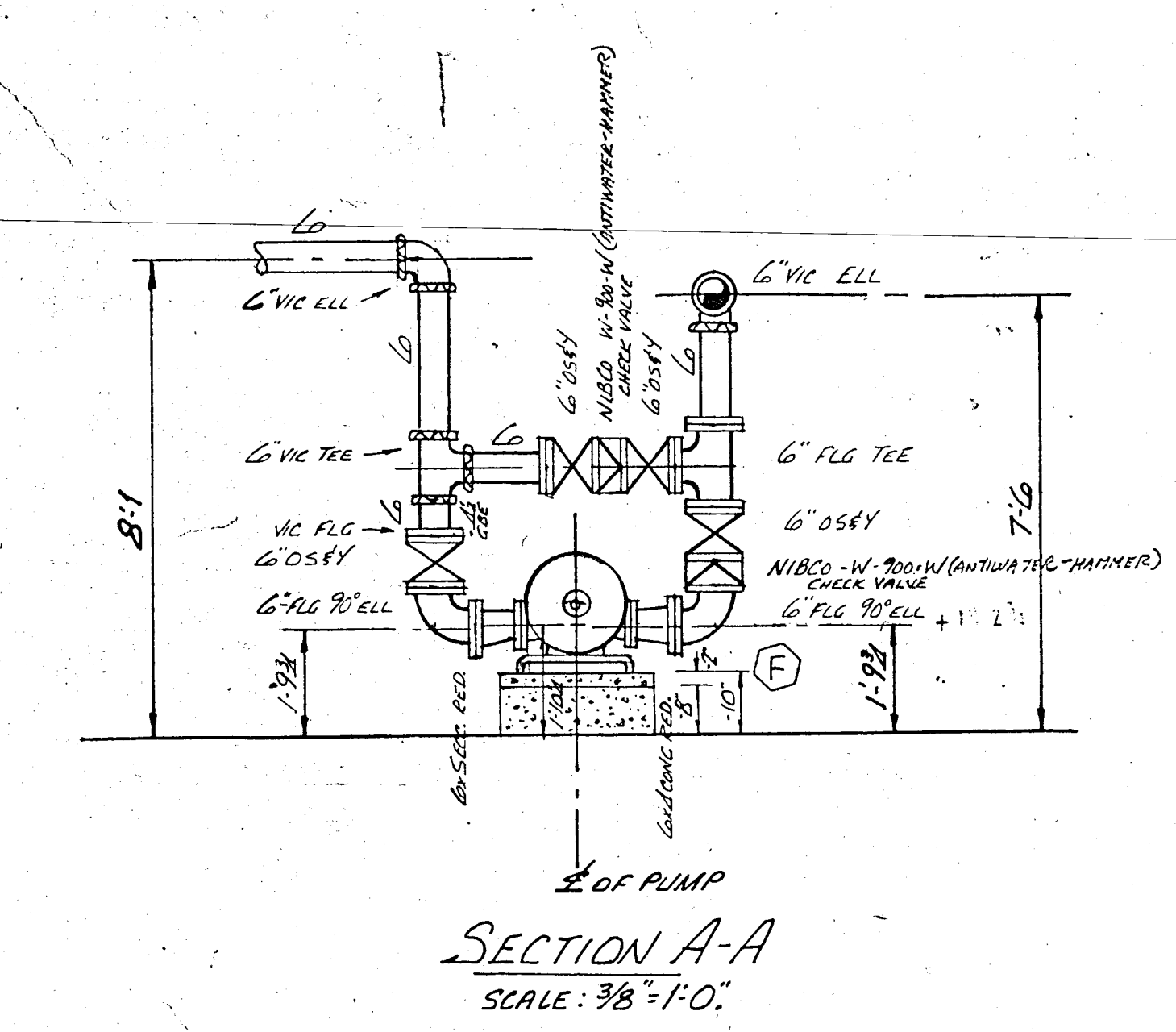
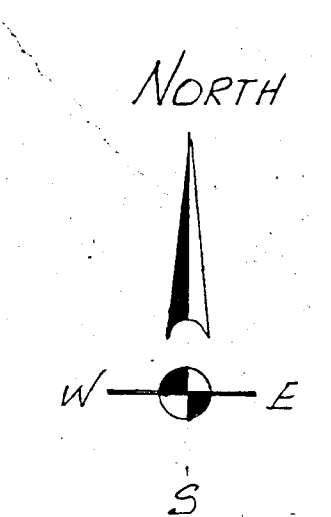
7/24/80
See note Page 3-3



15TH FLOOR PLAN

GENERAL NOTES

1/2" - 10'-6" — DENOTES CENTER LINE OF PIPE ABOVE FINISH FLOOR.
 1/2" - 30" — DENOTES CENTER LINE OF PIPE DOWN FROM CEILING SLAB.
 ① — DENOTES HYDRAULIC CALCULATION REFERENCE POINT.
 — DENOTES PIPE HANGER.
 ALL HANGERS TO BE IN ACCORDANCE WITH NFPA 13, 1980 EDITION.



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

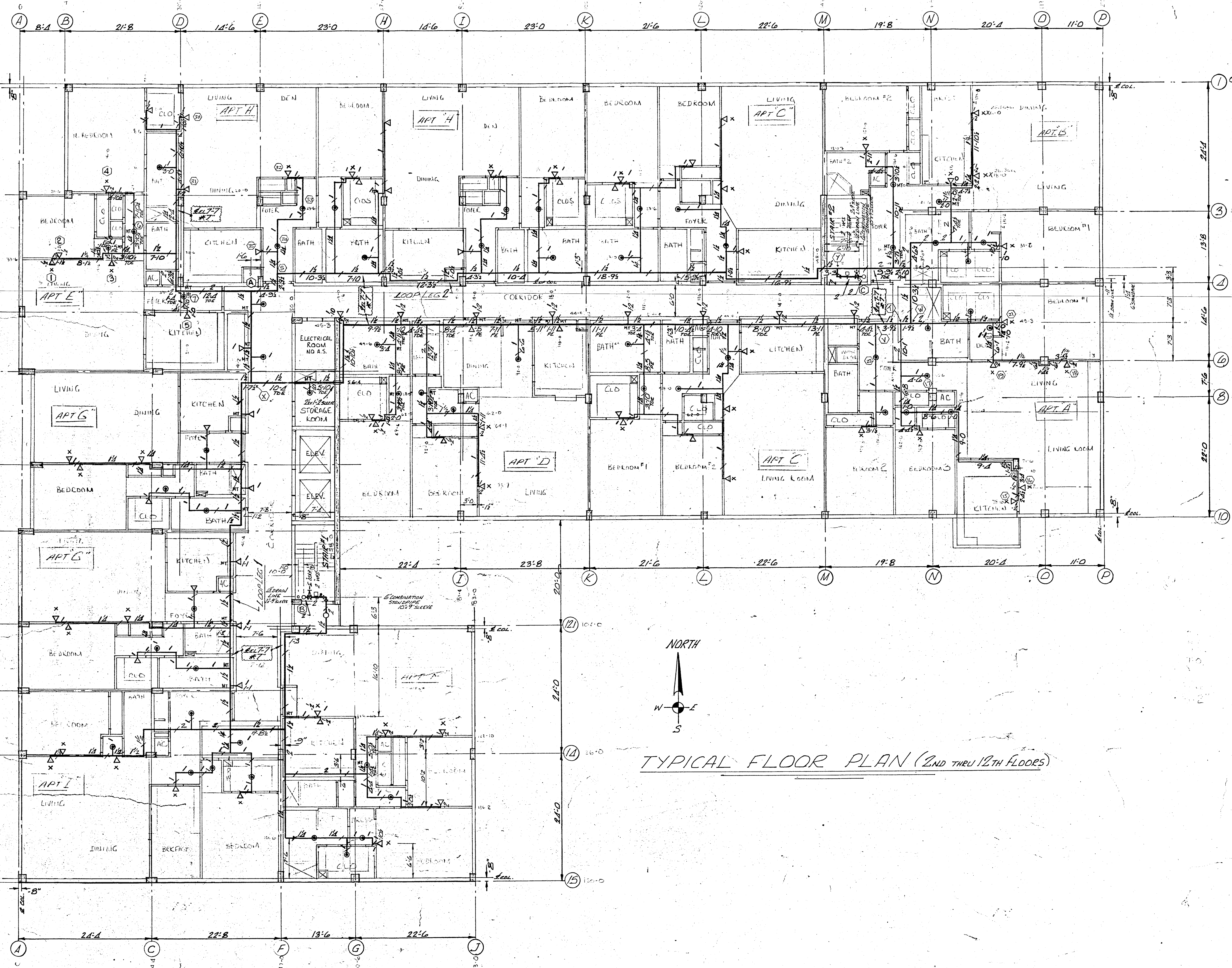
BY		APPROVALS		NAME		DATE	
DATE		INSURANCE ACCEPTANCE					
		BUILDING CODE APPROVAL					
		OWNER APPROVAL					
REVISION	TYPE	SPRINKLERS	SYM	165'	212'	286'	FINISH
	UPRIGHT	1"	○				BRONZE
	PENDENT	1"	○				CHROME
	SIDEWALL	1/2" (HORIZONTAL)	◁				CHROME
	SIDEWALL	1/2" (VERTICAL)	◁				CHROME
		TOTAL THIS SHEET		156			
		TOTAL ON JOB		2137			

OWNER / OCCUPANT
CHAMPLAIN TOWERS SOUTH
8777 COLLINS AVENUE
SURFSIDE, FLORIDA

THIS SHEET: AUTOMATIC SPRINKLERS FIRST FLOOR
OCCUPANCY / DESIGN CRITERIA
LIGHT HAZARD OCCUPANCY
1.0 GPM / SQ. FT. OVER MOST REMOTE 1500 SQ. FT.

SURVEY BY: PLANS BY: GEN. M.
ECONOMY FIRE PROTECTION, INC.
2110 LINCOLN STREET
HOLLYWOOD FLA. 33020

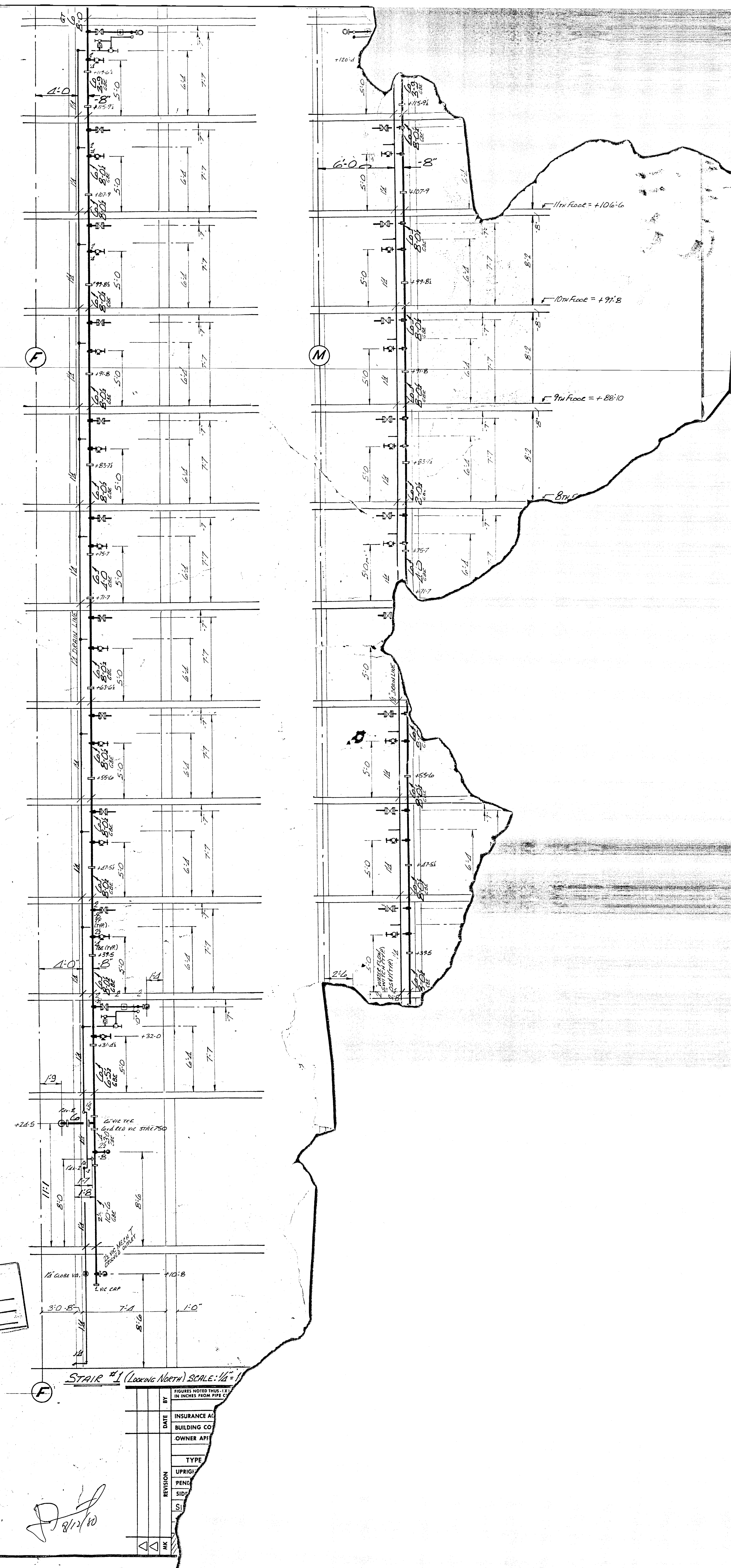
DATE: MAY 28, 1980
SCALE: 1/8" = 1'-0", UNLESS NOTED OTHERWISE
SHEET: FP-2 OF 3

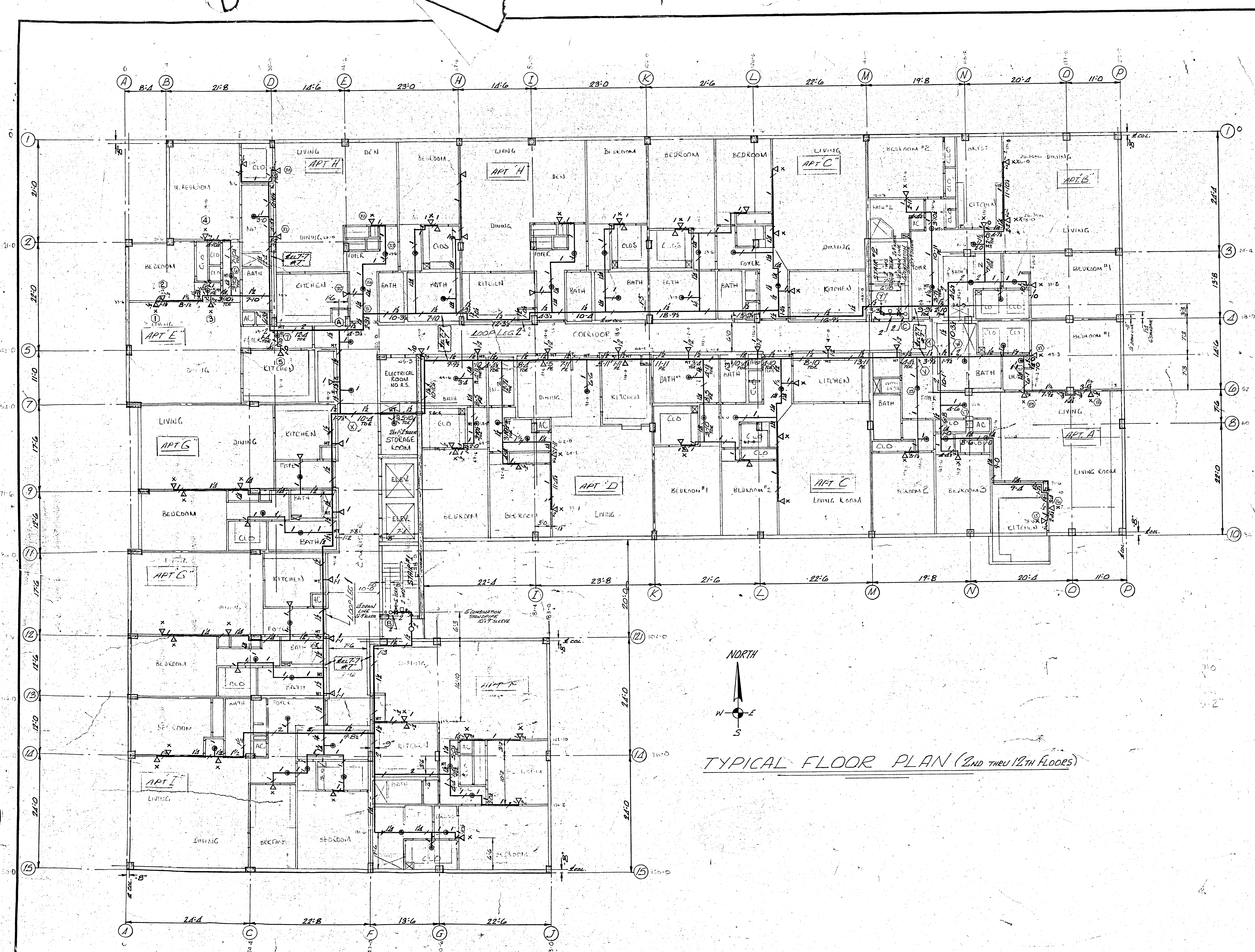


GENERAL NOTES

- ① DENOTES CENTER LINE OF PIPE ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
- *⑦ DENOTES CENTER LINE OF PIPE DOWN FROM CEILING SLAB, UNLESS NOTED OTHERWISE.
- ① DENOTES HYDRAULIC REFERENCE POINT.
- DENOTES PIPE HANGER.
- ALL PIPE HANGERS TO BE IN ACCORDANCE WITH NFPA 13, 1980 STANDARDS.
- HYDRAULIC CALCULATIONS BASED ON DEMAND OF FOUR LARGEST AREAS IN APT. "E".

APPROVED BY
DADE COUNTY FIRE DEPARTMENT
SFC 22-162 ELS. PERIN ON-SITE
DATE 2-13-20 BY JRB



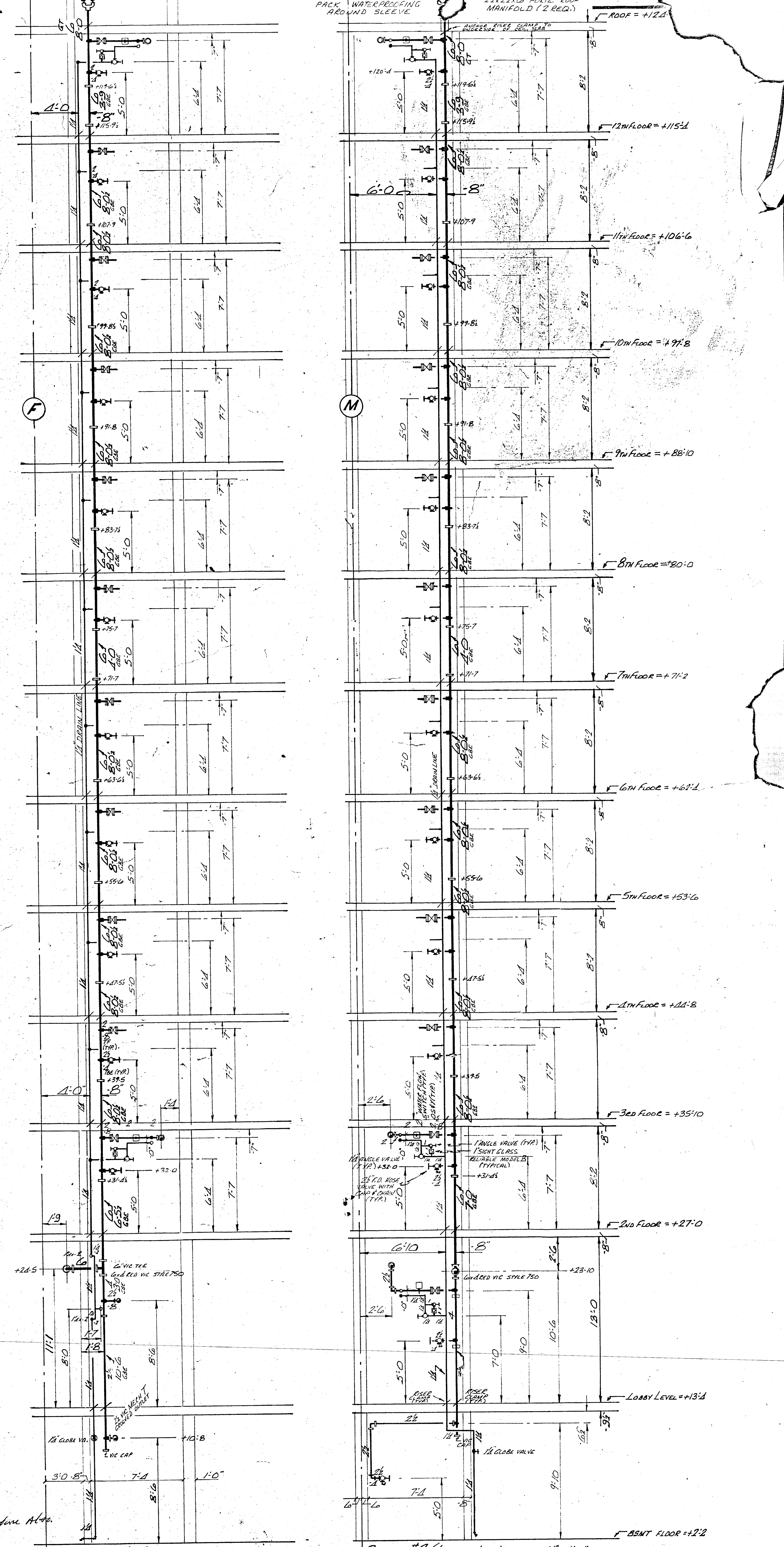


TYPICAL FLOOR PLAN (2ND THRU 12TH FLOORS)

GENERAL NOTES

- el. 7.7 - DENOTES CENTER LINE OF PIPE ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
- el. 7 - DENOTES CENTER LINE OF PIPE DOWN FROM CEILING SLAB, UNLESS NOTED OTHERWISE.
- ① - DENOTES HYDRAULIC REFERENCE POINT.
- DENOTES PIPE HANGER.
- ALL PIPE HANGERS TO BE IN ACCORDANCE WITH NFPA 13, 1980 STANDARDS.
- HYDRAULIC CALCULATIONS BASED ON DEMAND OF FOUR LARGEST AREAS IN APT. E.

Plans Not Complete -
1st Plans must be complete
2nd Plans to have seal of P.E. AND Signature Also
3rd Submit to Dade County Fire Dept
4th Submit Complete Plan to Southside
Plumbing Inspectors Approval



STAIR #1 (Looking North) SCALE: 1/4" = 1'-0"

STAIR #2 (Looking North) SCALE: 1/4" = 1'-0"

APPROVALS		NAME	DATE																																			
INSURANCE ACCEPTANCE																																						
BUILDING CODE APPROVAL																																						
OWNER APPROVAL																																						
<table border="1"> <thead> <tr> <th>TYPE SPRINKLERS</th> <th>SYM</th> <th>165</th> <th>212</th> <th>286</th> <th>FINISH</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>UPRIGHT 1"</td> <td>○</td> <td></td> <td></td> <td></td> <td>BRONZE</td> <td>1</td> </tr> <tr> <td>PENDENT 1"</td> <td>○</td> <td></td> <td></td> <td></td> <td>CHROME</td> <td>59</td> </tr> <tr> <td>SIDEWALL 1/2" (HORIZONTAL)</td> <td>◊</td> <td></td> <td></td> <td></td> <td>CHROME</td> <td>37</td> </tr> <tr> <td>SIDEWALL 1/2" (VERTICAL)</td> <td>◊</td> <td></td> <td></td> <td></td> <td>CHROME</td> <td>44</td> </tr> </tbody> </table>				TYPE SPRINKLERS	SYM	165	212	286	FINISH	TOTAL	UPRIGHT 1"	○				BRONZE	1	PENDENT 1"	○				CHROME	59	SIDEWALL 1/2" (HORIZONTAL)	◊				CHROME	37	SIDEWALL 1/2" (VERTICAL)	◊				CHROME	44
TYPE SPRINKLERS	SYM	165	212	286	FINISH	TOTAL																																
UPRIGHT 1"	○				BRONZE	1																																
PENDENT 1"	○				CHROME	59																																
SIDEWALL 1/2" (HORIZONTAL)	◊				CHROME	37																																
SIDEWALL 1/2" (VERTICAL)	◊				CHROME	44																																
TOTAL THIS SHEET		141																																				
TOTAL ON JOB		2197																																				

CHAMPLAIN TOWERS SOUTH
2110 LINCOLN STREET
HOLLYWOOD FLA 33020

ECONOMY FIRE PROTECTION, INC.
2110 LINCOLN STREET
HOLLYWOOD FLA 33020

DATE: MAY 28, 1980
SCALE: 1/8" = 1'-0" UNLESS NOTED OTHERWISE
SHEET: F.P.-3
OF: 3