

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 01-0921	Issue Date: 7 - 2001	CBL: 032 S004001
-----------------------	-------------------------	---------------------

Location of Construction: 161 Commercial St	Owner Name: Robertson John O & Sonia B Jts	Owner Address: 336 Danforth St	Phone:
Business Name: n/a	Contractor Name: Cunningham Security	Contractor Address: 313 Read Rd. Portland	Phone: 2078785858
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Building Miscellaneous	Zone:

Past Use: Commercial ; Retail / Office	Proposed Use: Commercial / Same; Fire Alarm System	Permit Fee:	Cost of Work: \$5,000.00	CEO District: 1
Proposed Project Description: Install Fire Alarm System		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>M/O</i> Type: <i>3B</i> <i>BOCA/OC/1999</i>	
		Signature: <i>UM</i>	Signature: <i>[Signature]</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input checked="" type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: gg	Date Applied For: 07/26/2001	Zoning Approval		
------------------------	---------------------------------	------------------------	--	--

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: _____	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
---	---	---	---

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

_____ SIGNATURE OF APPLICANT	_____ ADDRESS	_____ DATE	_____ PHONE
---------------------------------	------------------	---------------	----------------

_____ RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	_____ DATE	_____ PHONE
--	---------------	----------------

010921

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 161 Commercial St.

Total Square Footage of Proposed Structure 26,000 sq Square Footage of Lot

Tax Assessor's Chart, Block & Lot
Chart# 032 Block# S Lot# 004
Owner: John Roberto Telephone:
336 Danforth
Rolland MA

Lessee/Buyer's Name (If Applicable) Applicant name, address & telephone: Cost Of Work: \$ 5,000.⁰⁰
Fee: \$ 54.00

Current use: Renovation in Progress
If the location is currently vacant, what was prior use: Yes - Retail
Approximately how long has it been vacant: 6 months
Proposed use: Retail/Office
Project description: FIRE ALARM SYSTEM

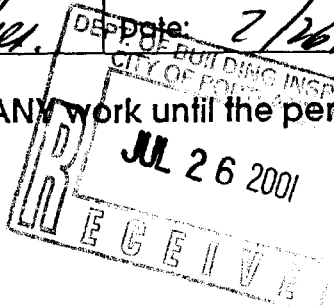
Contractor's name, address & telephone: Cunningham Security - 313 ROAD ST
878-5858
Who should we contact when the permit is ready: Paul Cunningham
Mailing address: 313 ROAD ST - 04103
Phone:

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

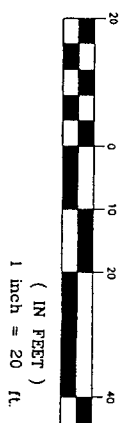
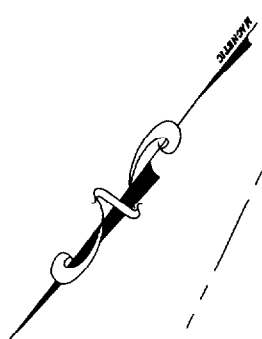
Signature of applicant: Paul Cunningham, Inc. Date: 7/26/01

This is not a permit, you may not commence ANY work until the permit is issued



7/26/01
Corp

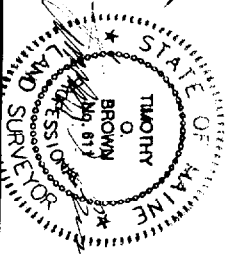
THE SITE IS ESSENTIALLY LEVEL,
SEE HHE 200 FORM BY JAMES
MANCINI



GRAPHIC SCALE

This has been reduced

most recent

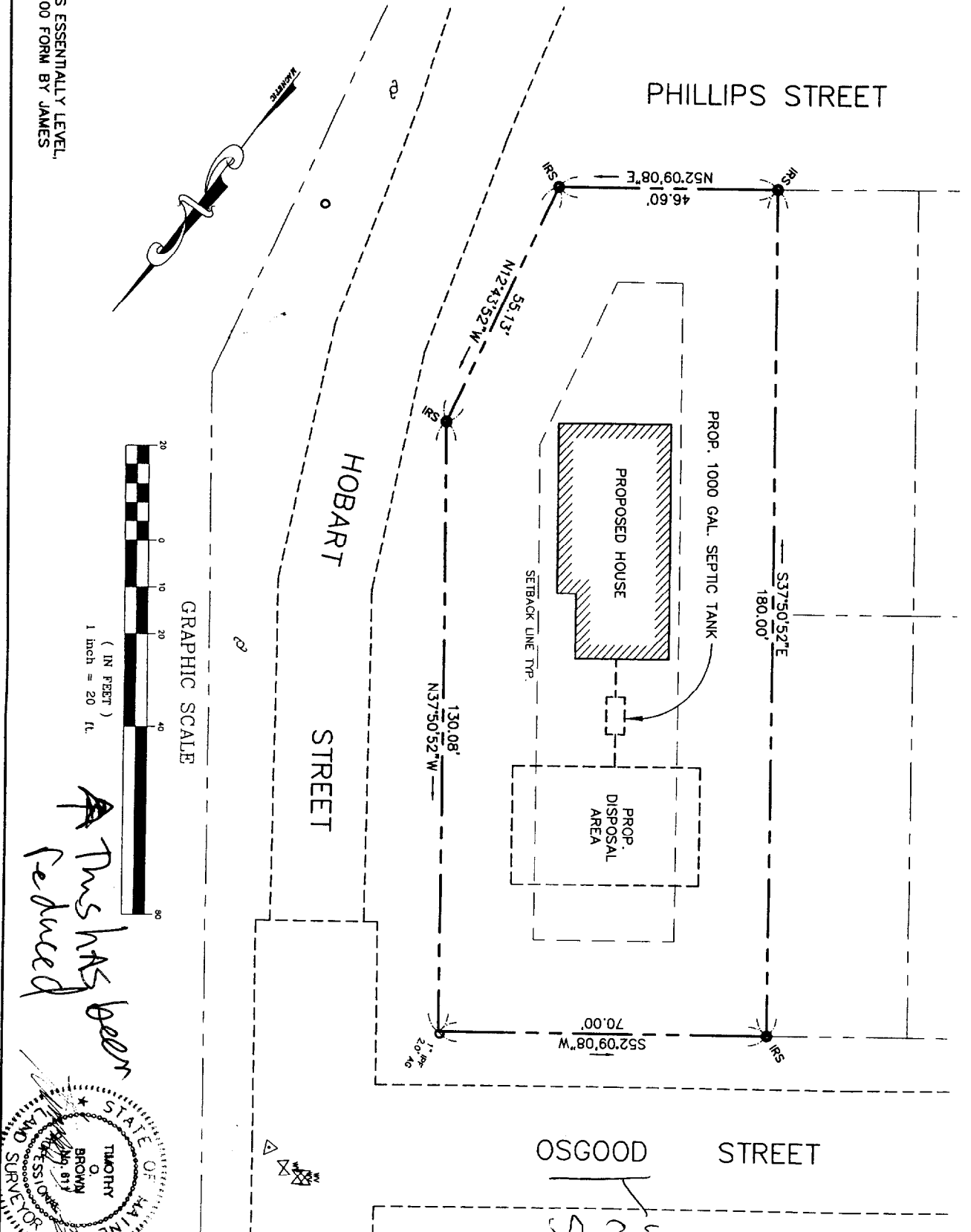


SITE PLAN
HOBART STREET
PORTLAND, MAINE

FOR
Kevin Michaud
141 Frost Street
Portland, Maine

BH2M
Berry • Huff • McDonald • Milligan Inc.
ENGINEERS • SURVEYORS • PLANNERS
28 State Street, Gorham, Maine 04038, (207) 839-3772

NO.	DATE	REVISION DESCRIPTION



NO SCALE

up to city standards

BUILDING PERMIT REPORT

DATE: 7/26/01 ADDRESS: 161 Commercial St CBL: 0325004

REASON FOR PERMIT: Install Fire alarm system

BUILDING OWNER: Robertson

PERMIT APPLICANT: Paul Cunningham /CONTRACTOR

USE GROUP: CONSTRUCTION TYPE: CONSTRUCTION COST: PERMIT FEES:

The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions shall be met: 22, 28, 39, 40

- 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained.
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve.
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts.
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete and masonry.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating.
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code.
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level.
12. Headroom in habitable space is a minimum of 7'6".
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/4" maximum rise.
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue.
17. Each apartment shall have access to two (2) separate, remote and approved means of egress.
18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's.
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment.

20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
 - In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999)
25. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).
28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
29. All requirements must be met before a final Certificate of Occupancy is issued.
30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
32. Please read and implement the attached Land Use Zoning report requirements.
33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
34. Bridging shall comply with Section 2305.16.
35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
36. All flashing shall comply with Section 1406.3.10.
37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).
38. *additional smoke detectors required in stairways and at EACP*
39. *An NFPA 72 Record of completion shall be submitted to the Portland Fire Dept.*
40. *The elevator shall be equipped with fire fighter recall*

P. Samuel Hoffses, Building Inspector
 Cc: Lt. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager

PSH 10/1/00

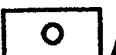





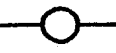




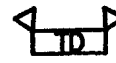



****This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.**

...THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. (You Shall Call for Inspections)


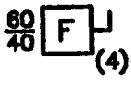


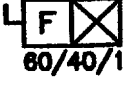
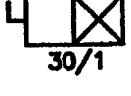










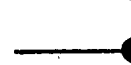


*****ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

*******CERTIFICATE OF OCCUPANCY FEE \$50.00**











LIGHTING

-  **Ab** 2x4 FLUORESCENT FIXTURE
TYPE AS SCHEDULED
ASSOCIATED CONTROL DEVICE
-  1x4 FLUORESCENT FIXTURE
-  2x2 FLUORESCENT FIXTURE
-  FIXTURE WIRED TO UNSWITCHED
EMERGENCY CIRCUIT
-  FIXTURE WIRED TO UNSWITCHED
NORMAL CIRCUIT
-  DOWN LIGHT
-  FLUORESCENT STRIP
-  WALL MOUNTED FIXTURES
-  WALL WASH LIGHT FIXTURE
-  EXIT SIGN, CEILING MOUNTED
ARROW INDICATES EGRESS DIRECTION
SHADING INDICATES SIGN FACE
-  EXIT SIGN, WALL MOUNTED
SHADING INDICATES SIGN FACE
-  DUAL HEAD EMERGENCY LIGHT BATTERY PACK
TD - TIME DELAY RESET
-  REMOTE EMERGENCY LIGHTING HEAD
-  WALL PACK
-  **S_a** SINGLE POLE TOGGLE SWITCH
INDICATES CONTROLLED FIXTURE
- S₃** 3-WAY TOGGLE SWITCH
- S₄** 4-WAY TOGGLE SWITCH
- S_{II}** DUAL LEVEL SWITCHING (NOTE *)
- S_D** DIMMER SWITCH. INCANDESCENT OR
FLUORESCENT AS REQUIRED.
- S_P** TOGGLE SWITCH WITH PILOT LIGHT
- S_T** TIMER SWITCH, SPRING WOUND
- S_{DT}** SINGLE POLE DOUBLE THROW TOGGLE
SWITCH. CENTER POSITION OFF

POWER

-  **60** NON-FUSED SAFETY SWITCH
NEMA ENCLOSURE RATING
AMPERE RATING
-  **60/40** FUSED SAFETY SWITCH. TOP NUMBER INDICATES SWITCH
AMPERE RATING. LOWER NUMBER INDICATES FUSE RATING
NEMA ENCLOSURE RATING
-  **1** MAGNETIC MOTOR STARTER. FVNR UNLESS INDICATED
OTHERWISE
NEMA ENCLOSURE RATING (TYPICAL)
NEMA SIZE
-  **CB** COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER
NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING/NEMA
STARTER SIZE
-  **F** COMBINATION FUSED DISCONNECT/MAGNETIC MOTOR STARTER
NUMBER INDICATES DISCONNECT AMPERE RATING/FUSE
RATING/NEMA STARTER SIZE
-  **30/1** NON-FUSED DISCONNECT/MAGNETIC MOTOR STARTER
NUMBER INDICATES DISCONNECT AMPERE RATING/NEMA
STARTER SIZE
-  **M** OL MANUAL MOTOR STARTER, TOGGLE OPERATED, 1,2 OR 3
POLE AS REQUIRED
-  **M** MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE.
1 OR 2 POLE AS REQUIRED (NO OVERLOAD PROTECTION)
-  **5** ENCLOSED CIRCUIT BREAKER
-  **5** ELECTRIC MOTOR. NUMBER INDICATES HORSEPOWER RATING
-  **5** EXPLOSION PROOF MOTOR
-  **VAV** VARIABLE AIR VOLUME CONTROL ACTUATORS
-  **HS** LOCAL SELECTOR SWITCH
H/O/A - HAND/OFF/AUTO
-  **EMO** EMERGENCY OFF BREAK GLASS STATION
-  **PB** PUSH BUTTON STATION
-  **J** JUNCTION BOX
-  **T** TRANSFORMER
-  CONDUIT TURNING UP
-  CONDUIT TURNING DOWN
- EY CONDUIT SEAL

ONE LINE DIAGRAM

-  **52** MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER
-  **AE** LOW VOLTAGE DRAWOUT CIRCUIT BREAKER
AF - AMP FRAME
AT - AMP TRIP
EO - ELECTRICALLY OPERATED
-  MOLDED CASE CIRCUIT BREAKER
-  **ST** ST - SHUNT TRIP
GF - GROUND FAULT
EO - ELECTRICALLY OPERATED
-  DISCONNECT, ISOLATION OR SAFETY SWITCH
-  FUSED CUTOUT
-  FUSED LOAD BREAK SWITCH
-  **1** MAGNETIC MOTOR STARTER. NUMERAL
INDICATED NEMA SIZE
FVNR UNLESS OTHERWISE NOTED.
FVR - FULL VOLTAGE REVERSING
RVAT - REDUCING VOLTAGE AUTO
TRANSFORMER
2S - TWO SPEED
CAPACITOR
-  **VFD** VARIABLE FREQUENCY DRIVE
-  POWER TRANSFORMER
OA - LIQUID TYPE SELF COOLED
AA - DRY TYPE SELF COOLED

ABBREVIATIONS

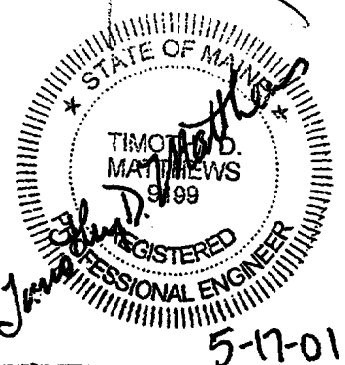
A.AMP	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRADE
BOS	BOTTOM OF STEEL
C	CONDUIT, CONDUCTOR
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CU	COPPER
DACT	DIRECT BURIED
DB	DISCONNECT
DN	DOWN
EMT	ELECTRICAL METALLIC TUBING
EMC	ELECTRIC WATER COOLER
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FU	FUSE
FWE	FURNISHED WITH EQUIPMENT
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSE POWER
HTR	HEATER
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
K	KILO
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT-HOUR
LA	LIGHTNING ARRESTER
LTG	LIGHTING
MC	METAL CLAD
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MI	MINERAL INSULATED
MLO	MAIN LUG ONLY
MTD	MOUNTED
MV	MEDIUM VOLTAGE
NC	NORMALLY CLOSED
NEG	NEGATIVE
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
PF	POWER FACTOR
PH	PHASE

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRIC CODE.
2. ALL BRANCH CIRCUIT HOMERUNS EXCEEDING 100 FEET IN LENGTH FED BY A 20A CIRCUIT BREAKER SHALL BE FED WITH #10 AWG COPPER CONDUCTORS.
3. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
4. ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
5. UNLESS OTHERWISE NOTED ALL ELECTRICAL ENCLOSURES SHALL BE NEMA 1 FOR INDOOR INSTALLATION AND NEMA 3R FOR OUTDOOR INSTALLATIONS.
6. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH A U.L. LISTED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
7. ALL WIRING SHALL BE 800V WITH TYPE THHN/THWN INSULATION UNLESS OTHERWISE NOTED.
8. OPERATION OF SMOKE DETECTORS IN ELEVATOR PIT & SHAFT AND INDIVIDUAL ELEVATOR LOBBIES ON EACH FLOOR SHALL BE INTEGRATED INTO THE ELEVATOR CONTROL PANEL FOR ELEVATOR RECALL AS WELL AS THE FIRE ALARM CONTROL PANEL AS REQUIRED BY NFPA. OPERATION OF HEAT DETECTORS IN ELEVATOR MACHINE ROOM AND ELEVATOR SHAFT SHALL DE-ENERGIZE ELEVATOR.

W. M. MacLean



Cunningham
BLOCK 1
ADDITION
PORTLAND, MAINE







ARCHITECTURE ENGINEERING PLANNING
SMRT
144 Fore Street/P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070








HOME RUN












-  OCCUPANCY SENSOR
 - 1. HUBBEL MODEL #257151SWA
 - 2. HUBBEL MODEL #257151SA
 - d. INDICATES CONTROLLED FIXTURE
 - INDICATES AIMING DIRECTION FOR TYPE 1.
-  OCCUPANCY SENSOR RELAY

SECURITY SYSTEMS












-  DOOR CONTACT
-  CARD READER
-  KEY PAD
-  ELECTRIC STRIKE



GROUNDING

-  GROUND ROD
-  EXOTHERMIC WELD CONNECTION
-  BOLTED CONNECTION
-  BARE COPPER CONDUCTOR RUN EXPOSED
-  BARE COPPER CONDUCTOR EMBEDDED IN CONCRETE OR BURIED


















-  HOSPITAL GRADE ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R
-  SINGLE RECEPTACLE, NEMA 5-20R
-  DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R
-  HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE NEMA 5-20R
-  SWITCHED RECEPTACLE
-  FLOOR OUTLET, DUPLEX RECEPTACLE, NEMA 5-20R
-  POWER RECEPTACLE, 480 VOLT NEMA CONFIGURATION AS NOTED.
-  POWER RECEPTACLE, 240 VOLT NEMA CONFIGURATION AS NOTED.
-  PANELBOARD, NORMAL POWER
-  PANELBOARD, EMERGENCY POWER
-  MULTI OUTLET ASSEMBLY

COMMUNICATION & DATA SYSTEMS

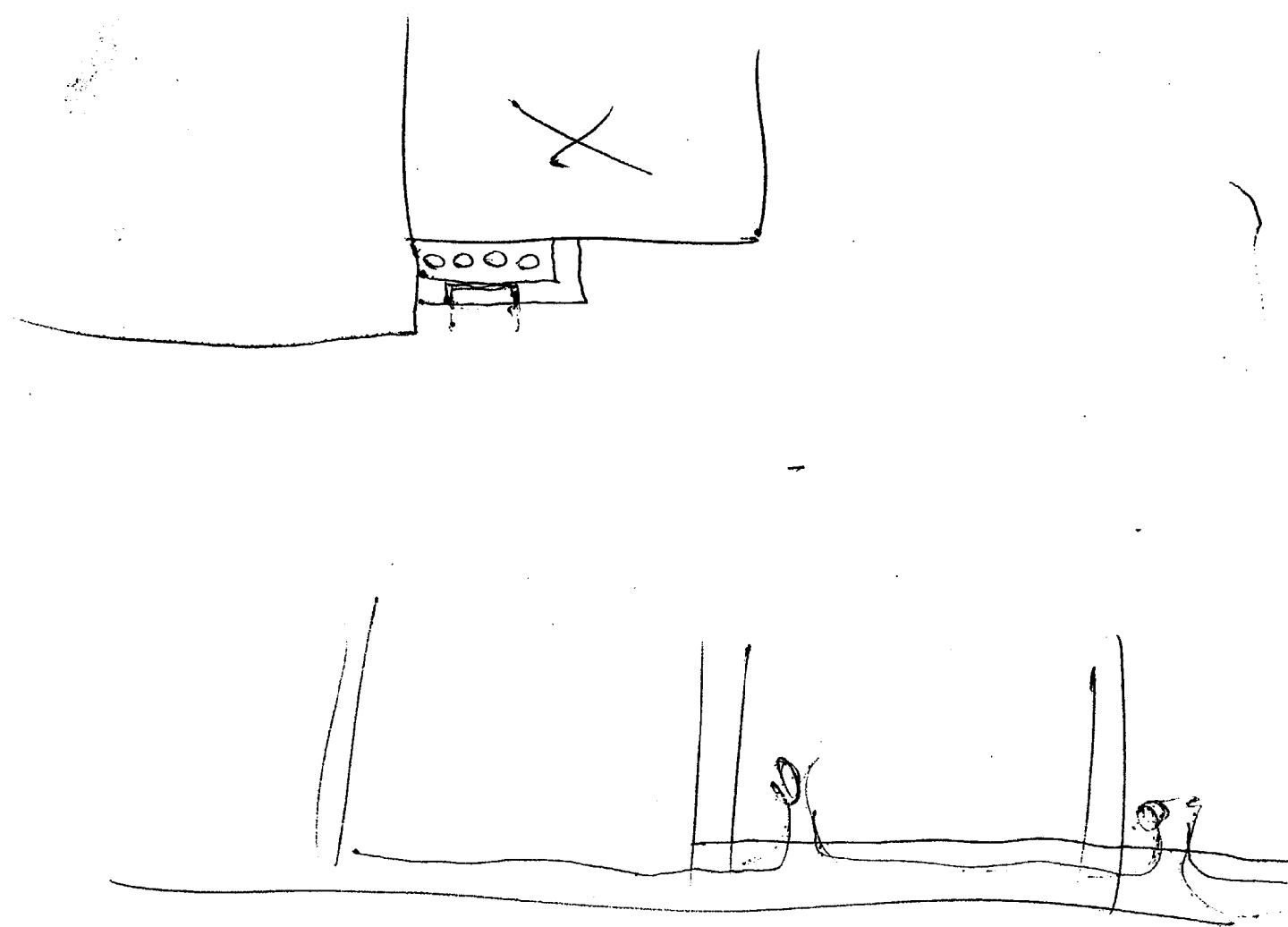
-  TELEPHONE SYSTEM WALL JACK. MOUNT 18" AFF. W-INDICATES WALL MOUNTED AT 60" AFF. P-INDICATES PAYPHONE.
-  DATA SYSTEM OUTLET. MOUNT 18" AFF.
-  VOICE/DATA SYSTEM OUTLET
-  CATV TELEVISION SYSTEM OUTLET. MOUNT 84" AFF UNLESS OTHERWISE NOTED.
-  PAGING SYSTEM CONTROL PANEL AND PAGING AMPLIFIER
-  PAGING SYSTEM SPEAKER. CEILING MOUNTED.
-  PAGING SYSTEM SPEAKER. WALL MOUNT AT 7'-6" AFF.
 - 1. FLUSH
 - 2. SURFACE
 - 3. HORN
 - 4. DUAL HORN
-  VOLUME CONTROL
-  CLOCK SPEAKER
-  WALL MOUNTED CLOCK
-  UNDERFLOOR VOICE & DATA OUTLET

-  MOTOR, NUMBER INDICATES HORSEPOWER
-  GENERATOR

FIRE ALARM

-  FIRE ALARM CONTROL PANEL
-  FIRE ALARM ANNUNCIATOR
-  FIRE ALARM MANUAL PULL STATION
-  FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLANCE (GENERAL EVACUATION)
-  FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLANCE (LOCAL)
-  FIRE ALARM VISIBLE ONLY NOTIFICATION APPLANCE
-  CANDELA INTENSITY-15/75 UNLESS OTHERWISE CEILING MOUNTED
-  PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNTED
-  FIXED TEMPERATURE HEAT DETECTOR. CEILING MOUNTED
-  INDICATES EQUIPMENT INTERLOCKED WITH THE DETECTOR
-  CLEAN ROOM SMOKE DETECTOR
-  INDICATES EQUIPMENT INTERLOCKED WITH THE SMOKE DETECTOR
-  COMBINATION RATE-OF-RISE/FIXED TEMPERATURE HEAT DETECTOR. CEILING MOUNTED
-  DUCT SMOKE DETECTOR, PHOTOELECTRIC WITH AUXILIARY CONTACT.
-  FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
-  INTERLOCK RELAY
-  SMOKE DAMPER

SWGR SWITCHGEAR
 TOS TOP OF STEEL
 TRANSF TRANSFORMER
 TVSS TRANSIENT VOLTAGE SURGE SUPPRESSER
 V VOLT
 VA VOLT-AMPERE
 VAR VOLT-AMPERE REACTIVE
 WM WATT METER
 WP WEATHER PROOF
 XP EXPLOSION PROOF

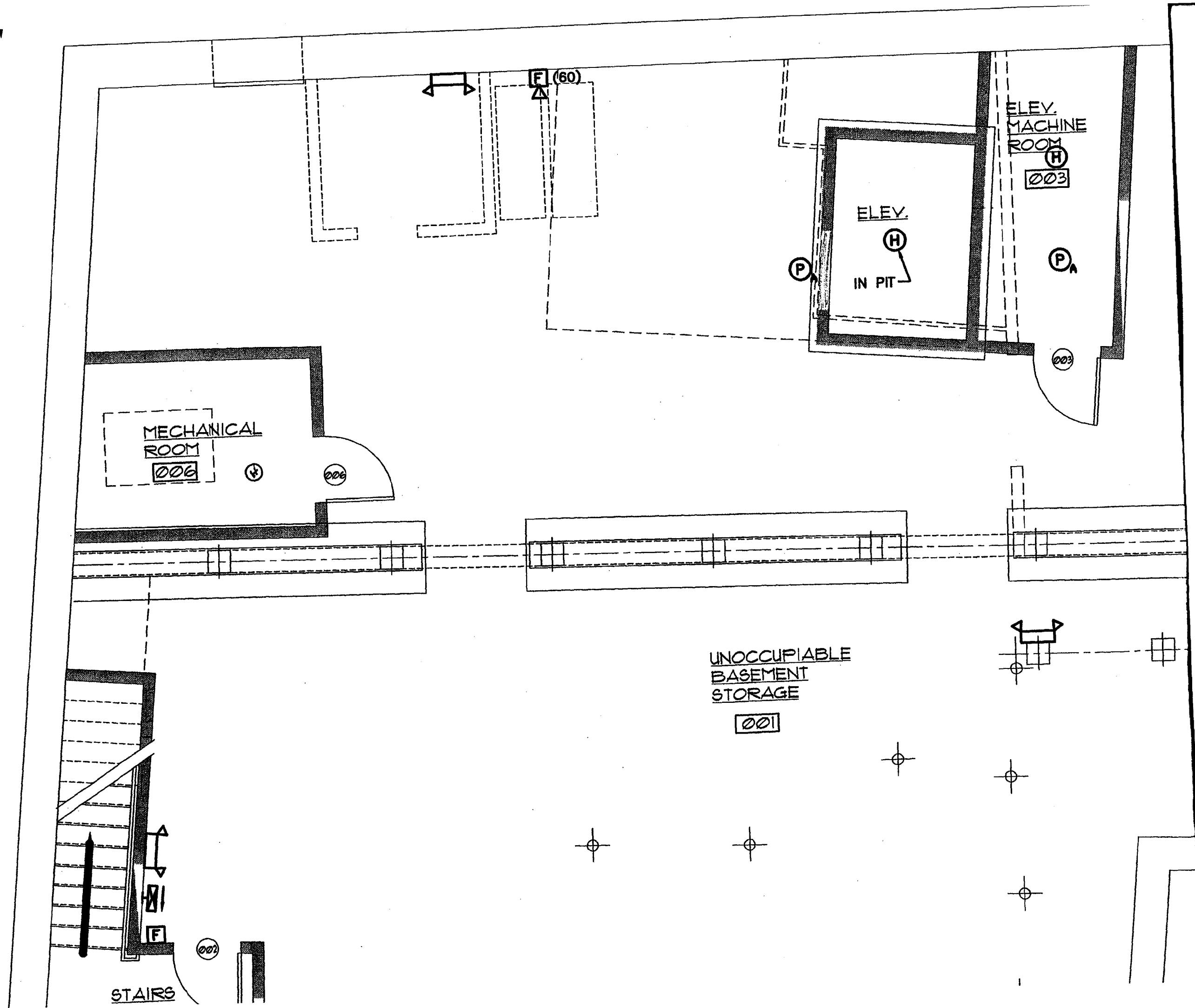


GENERAL NOTE

1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.

RE-ISSUED FOR CONSTRUCTION
5-17-01

PROJECT TITLE:		WILLIAM M RENOVATI 161 COMM	
PROJECT No. 01047			
SCALE:	NOT TO SCALE	A/E OF RECORD:	TDM
PROJECT MANAGER:	TDM	SMRT CAD FILE:	E-001-01047
JOB CAP/DRAWN:	DJT/JLT	DATE:	5-11-01
1	RE-ISSUED FOR CONST.	5-17-01	
0	ISSUED FOR CONST.	5-11-01	
REV.	DESCRIPTION	DATE	
LEGEND & GENERAL NOTES			
SHEET TITLE:			
SHEET No.			



ELEV.
MACHINE
ROOM
003

(P)

003

EXISTING STAIR
TO BE REMOVED
IN-FILL FLOOR
OPENING

F (60) 004

ELECTRICAL
ROOM
004

(E)

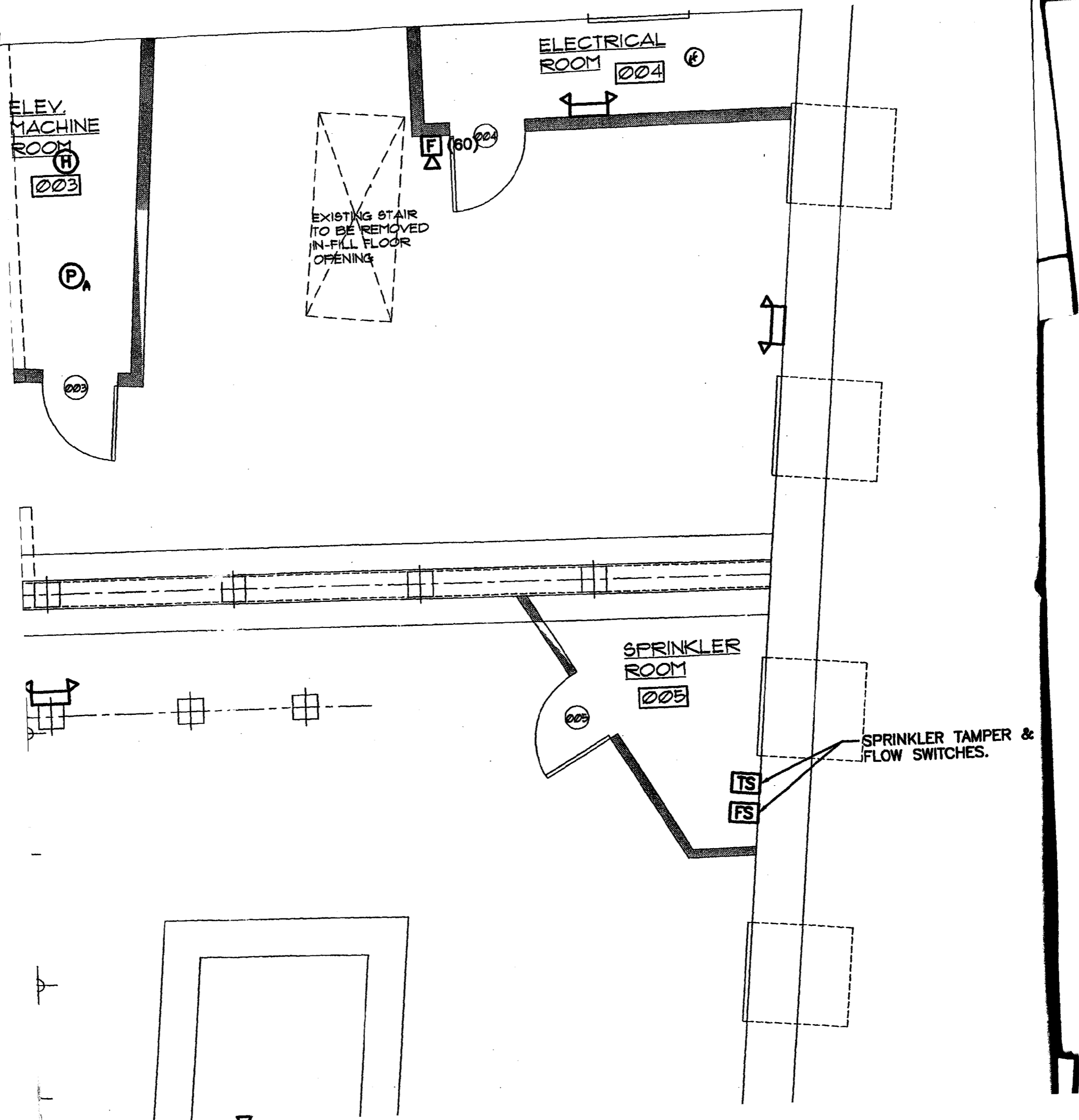
SPRINKLER
ROOM
005

005

SPRINKLER TAMPER &
FLOW SWITCHES.

TS

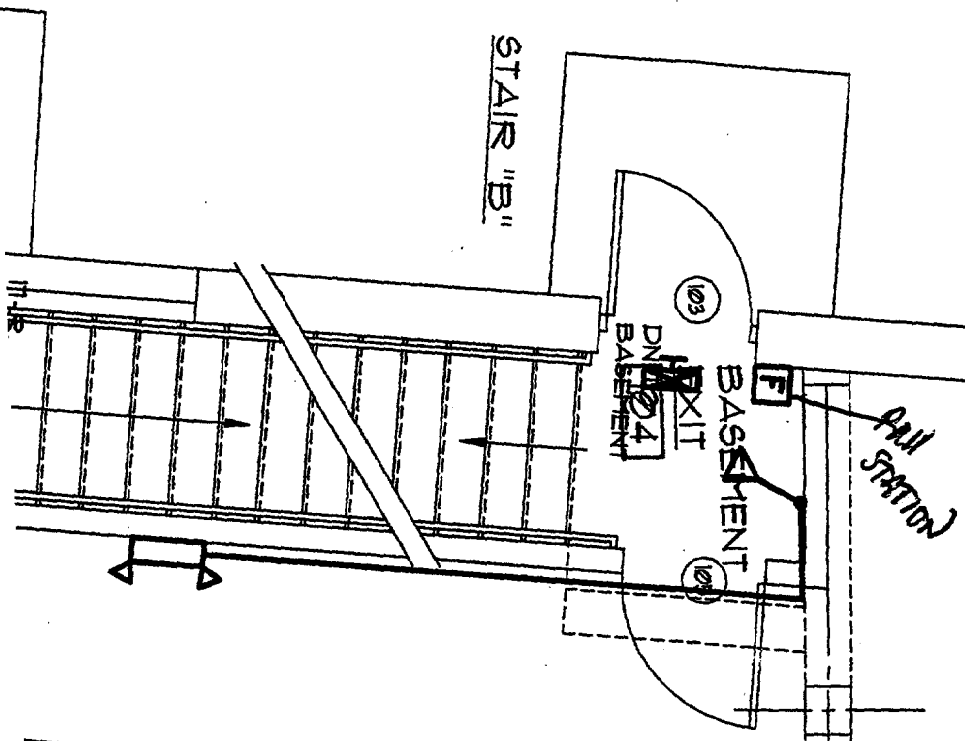
FS



EXTERIOR
ALLEY

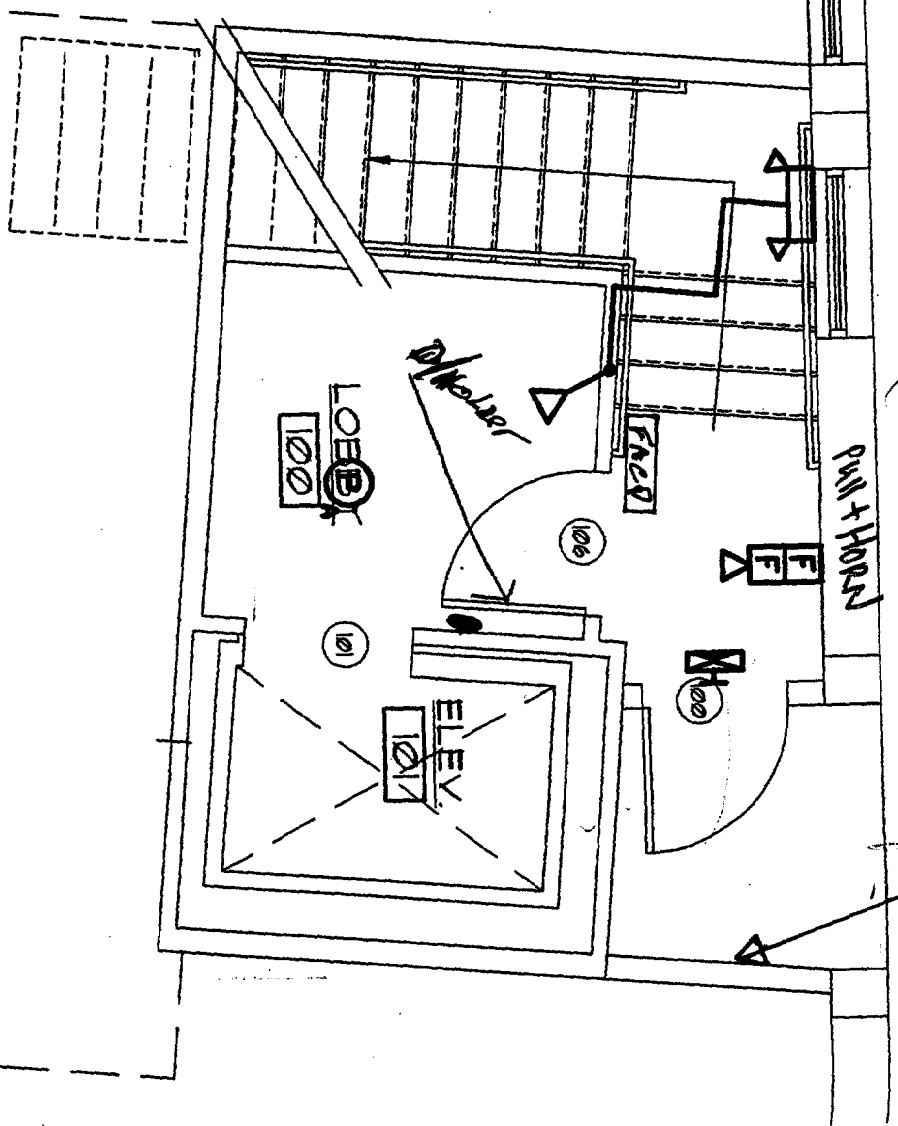
ALLEY

STAIR "B"



FIRST FLOOR COLUMNS SHOWN
- FIELD VERIFY LOCATION

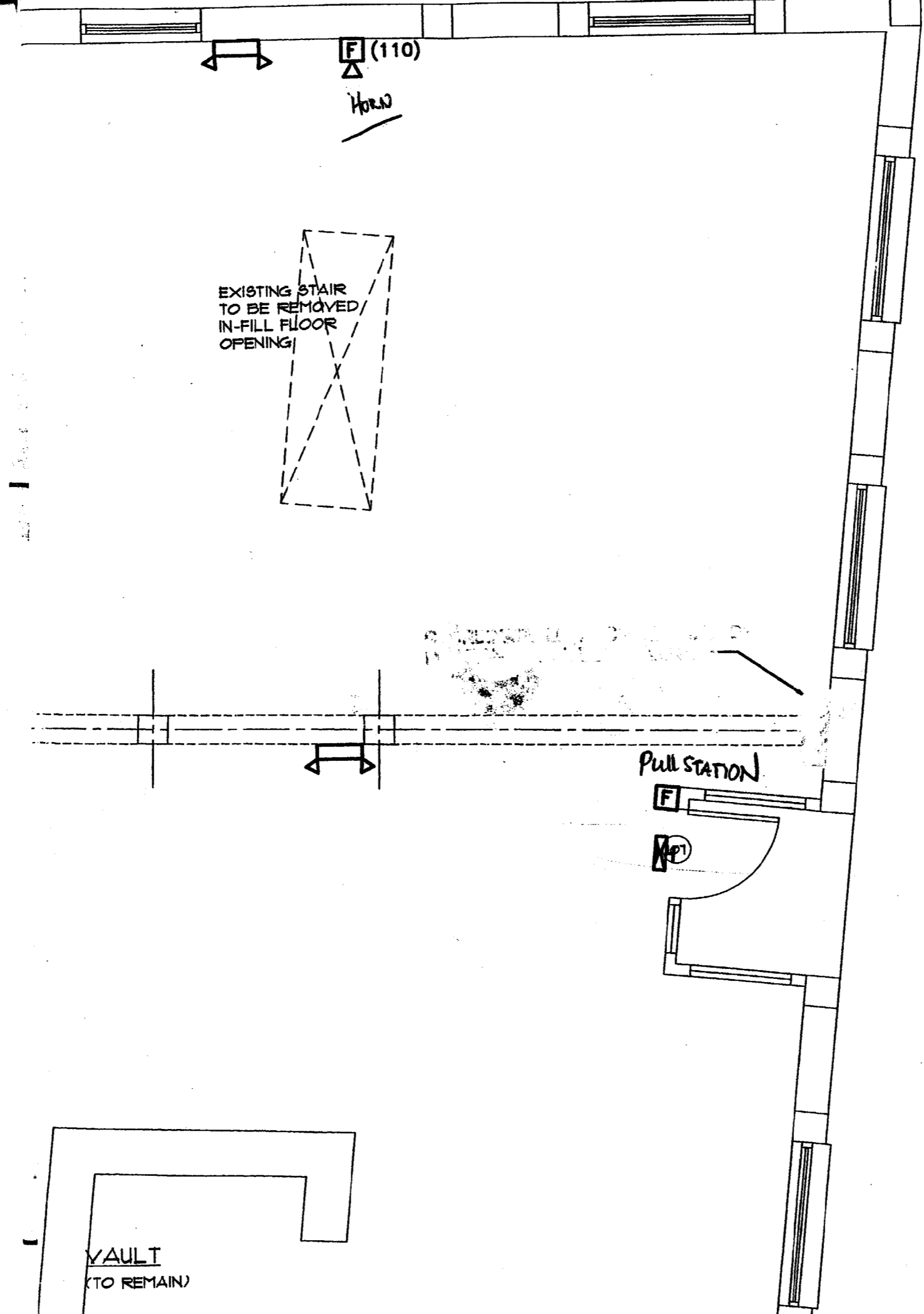
STAIR "A"
102



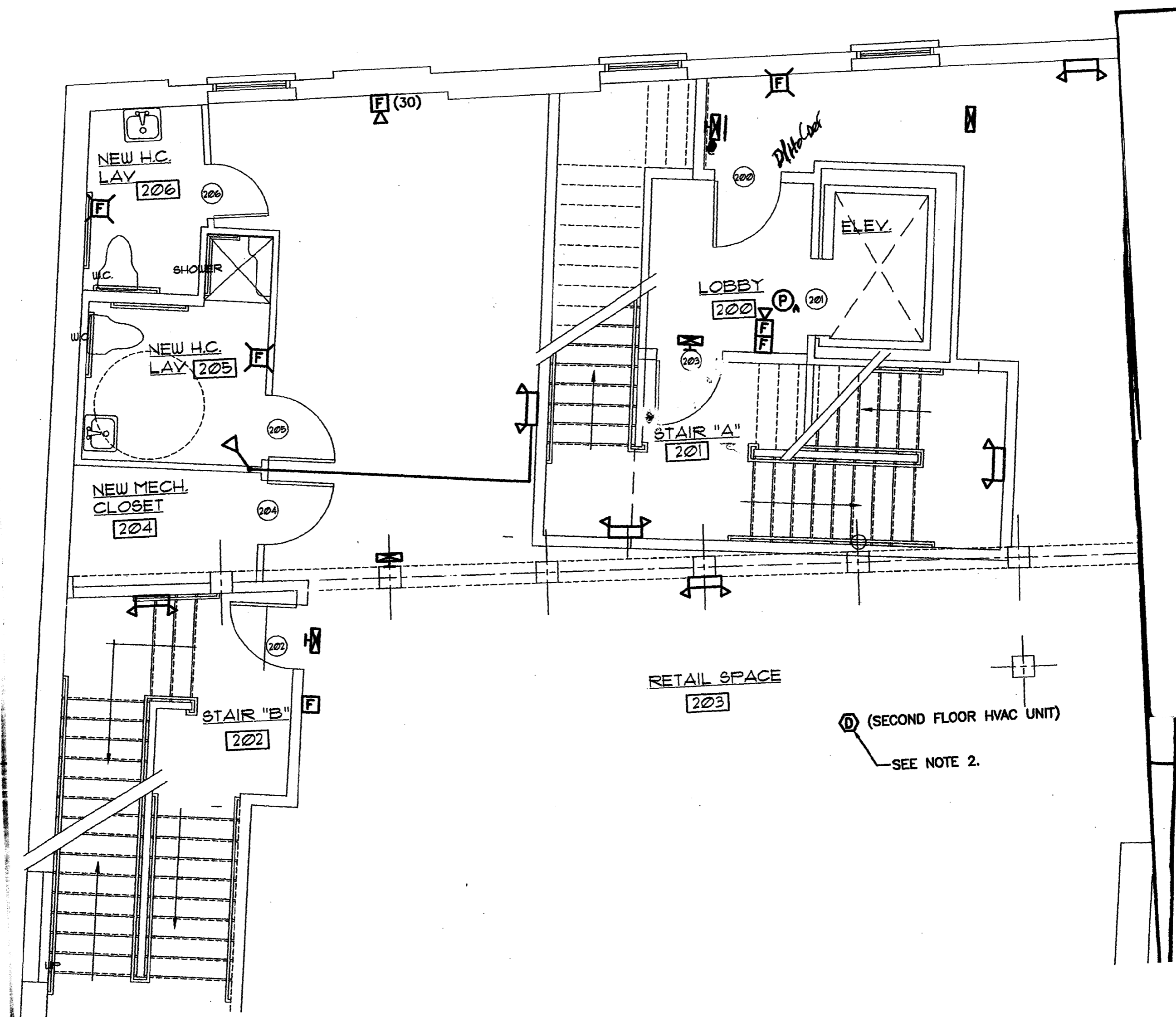
RETAIL SPACE
105
⊕ (FIRST FLOOR HVAC UNIT)
SEE NOTE 2.

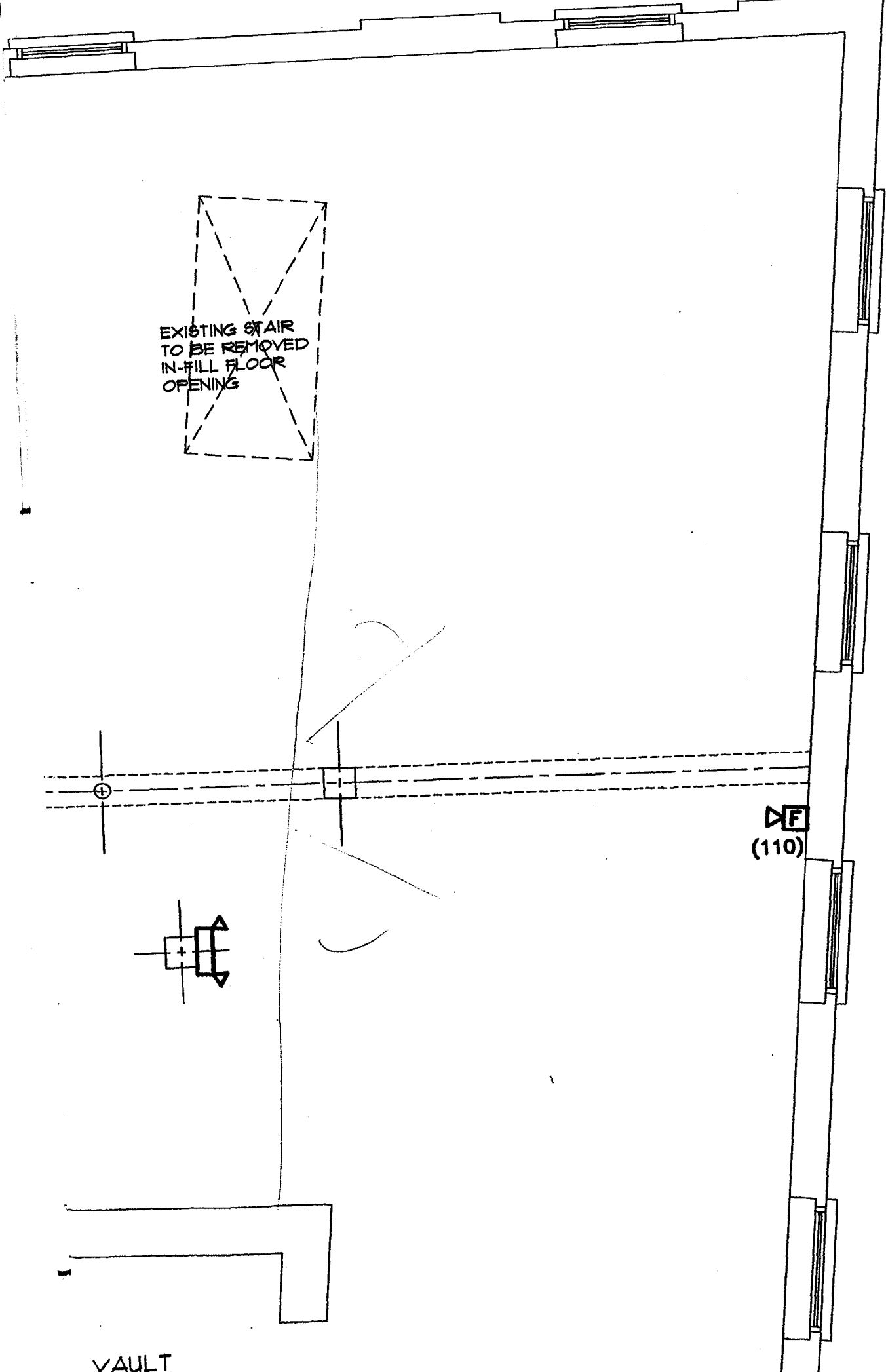
WATER
Fire keypad ?
Annunciator
Knot Box

E F G H J K



C & M
S T

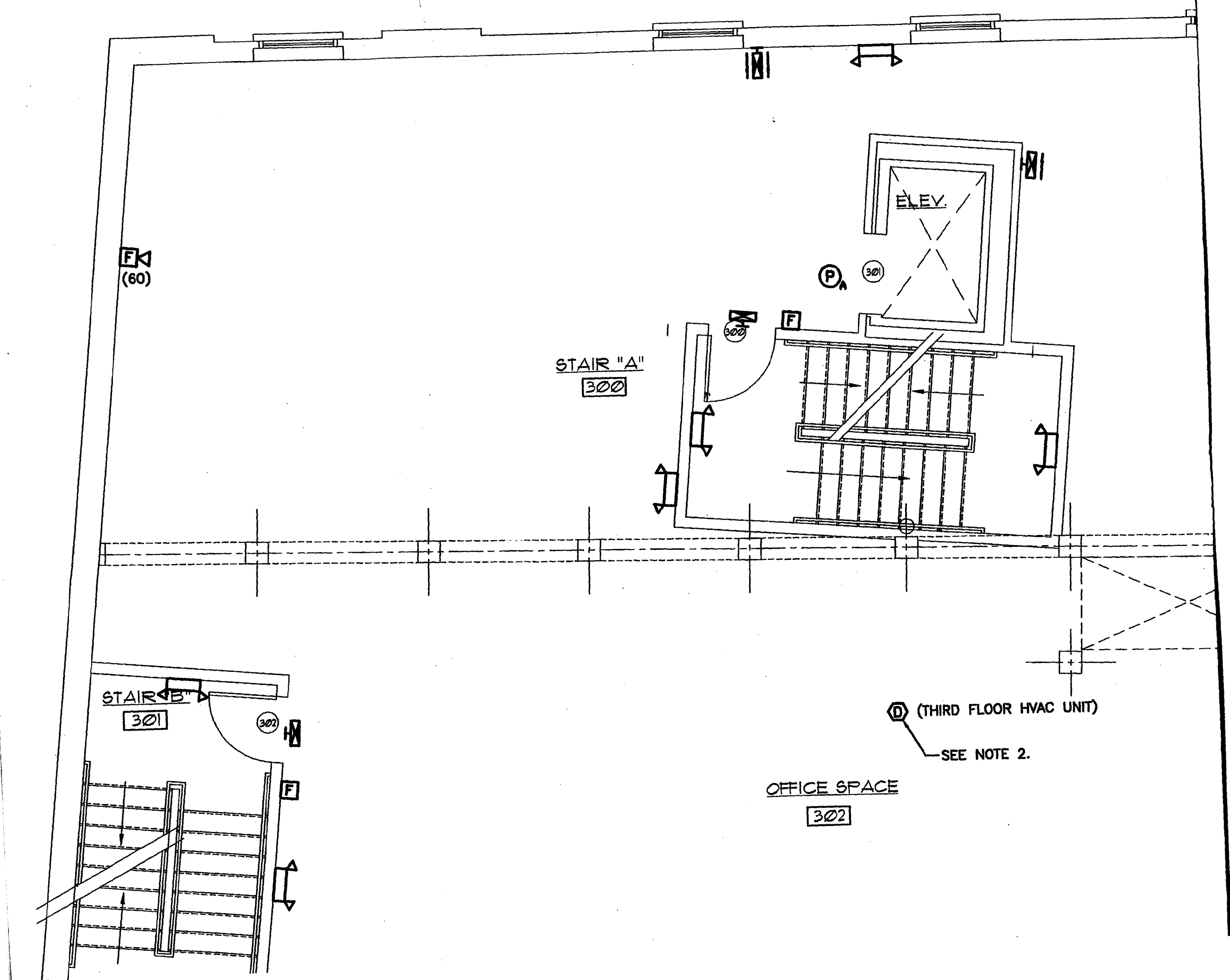




EXISTING STAIR
TO BE REMOVED
IN-FILL FLOOR
OPENING

F
(110)

VAULT



F (60)

STAIR "A"
300

ELEV.

P_A

301

F

300

STAIR "B"
301

302

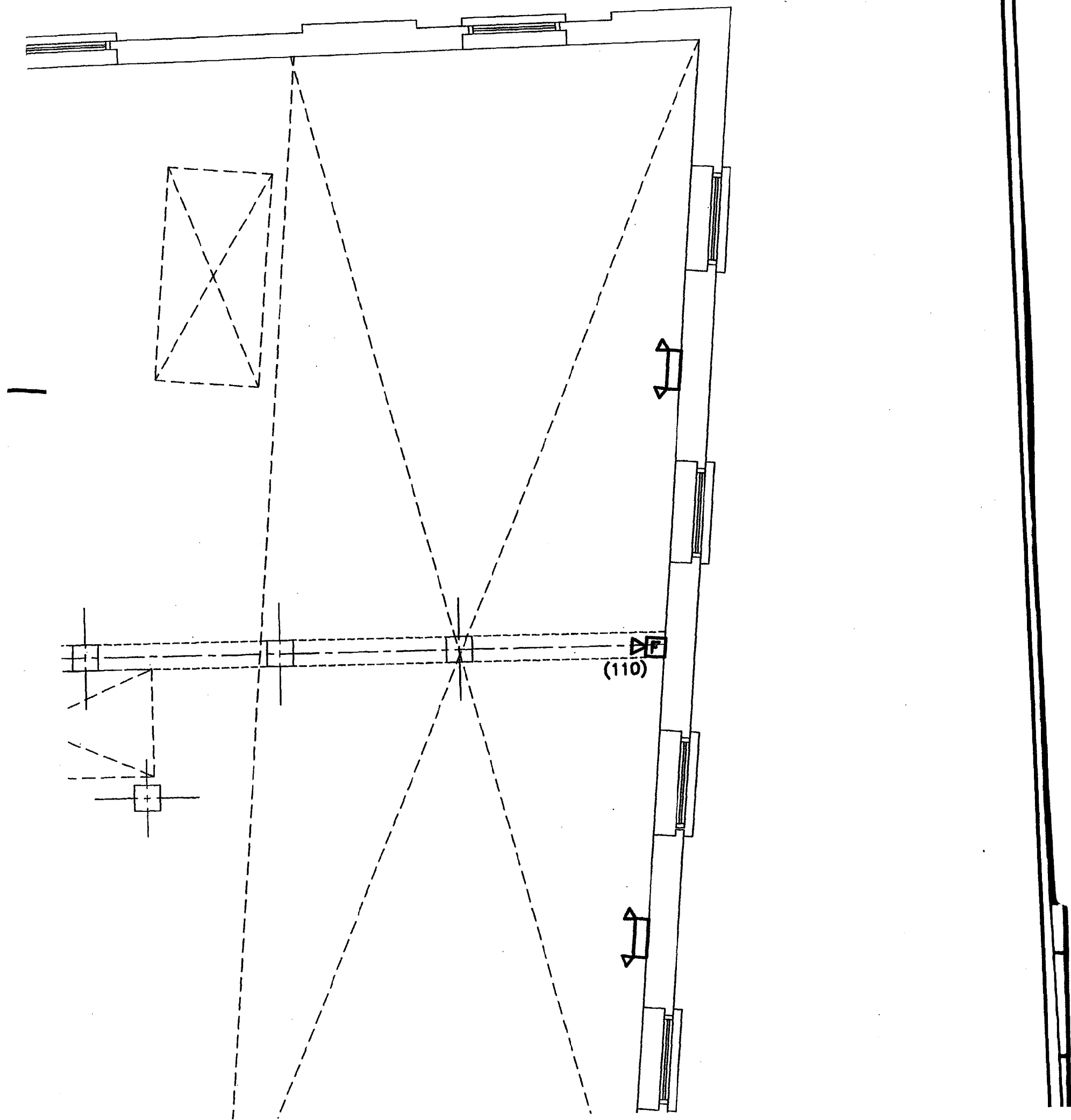
F

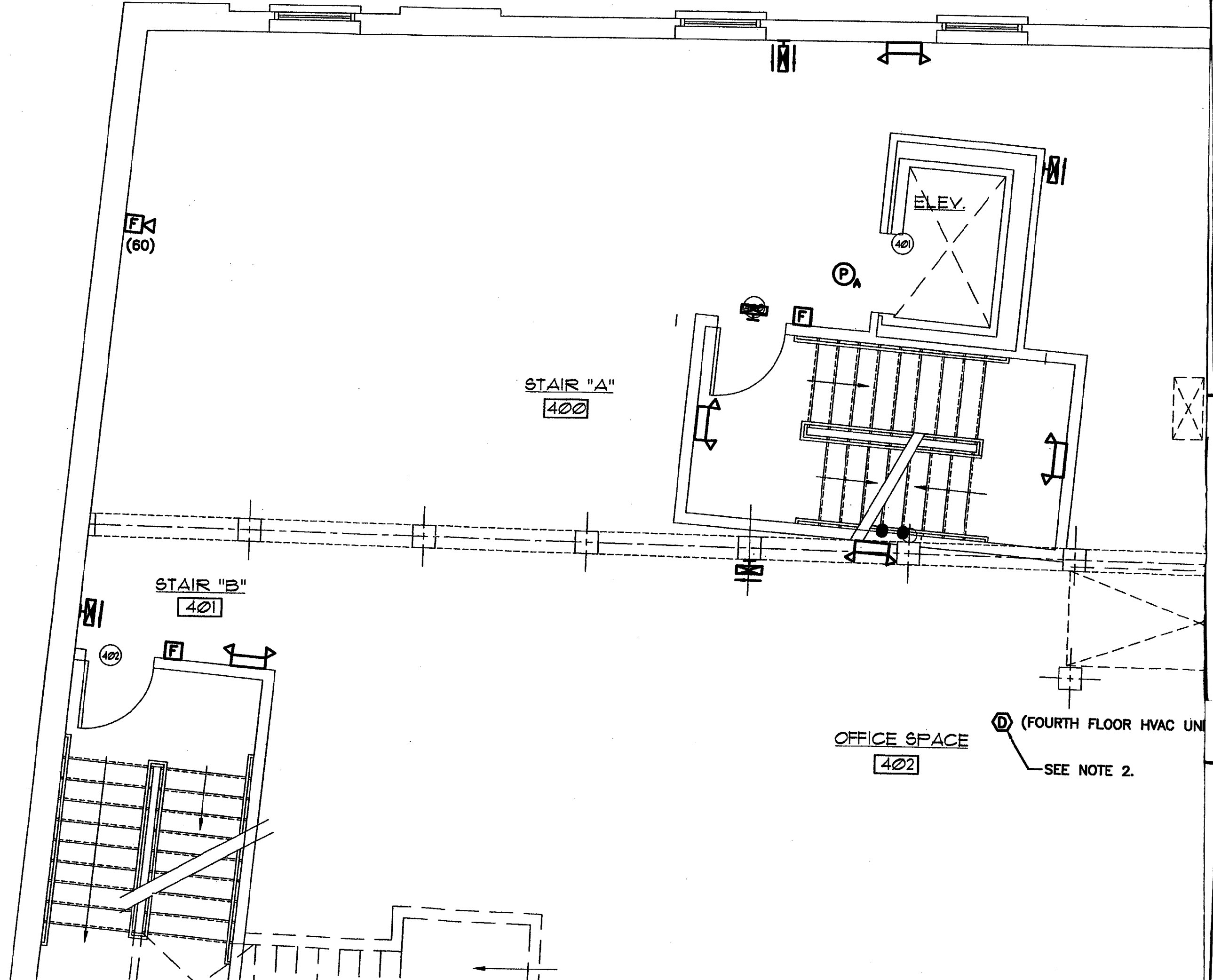
D (THIRD FLOOR HVAC UNIT)

SEE NOTE 2.

OFFICE SPACE

302





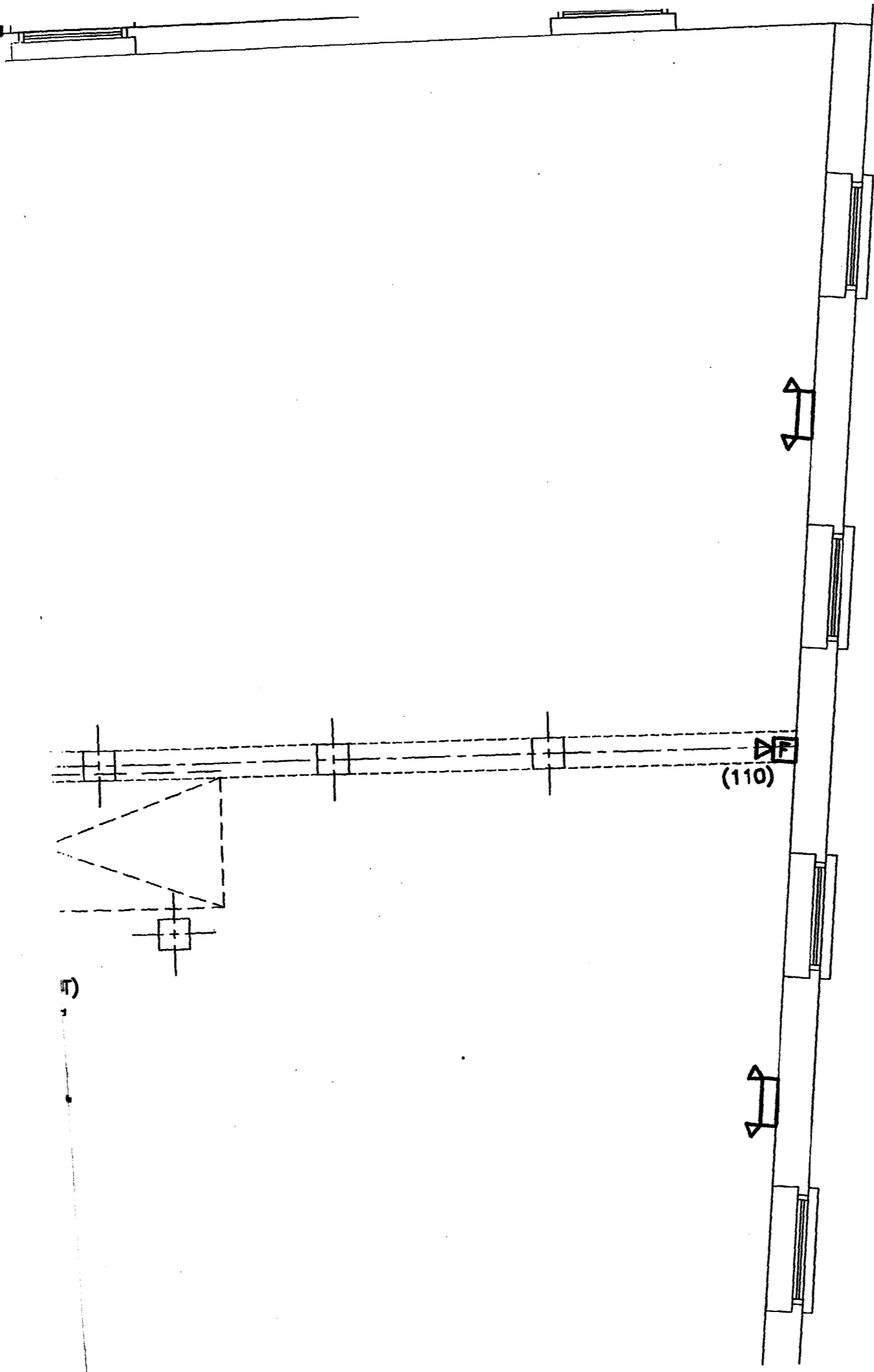
F (60)

STAIR "A"
400

STAIR "B"
401

OFFICE SPACE
402

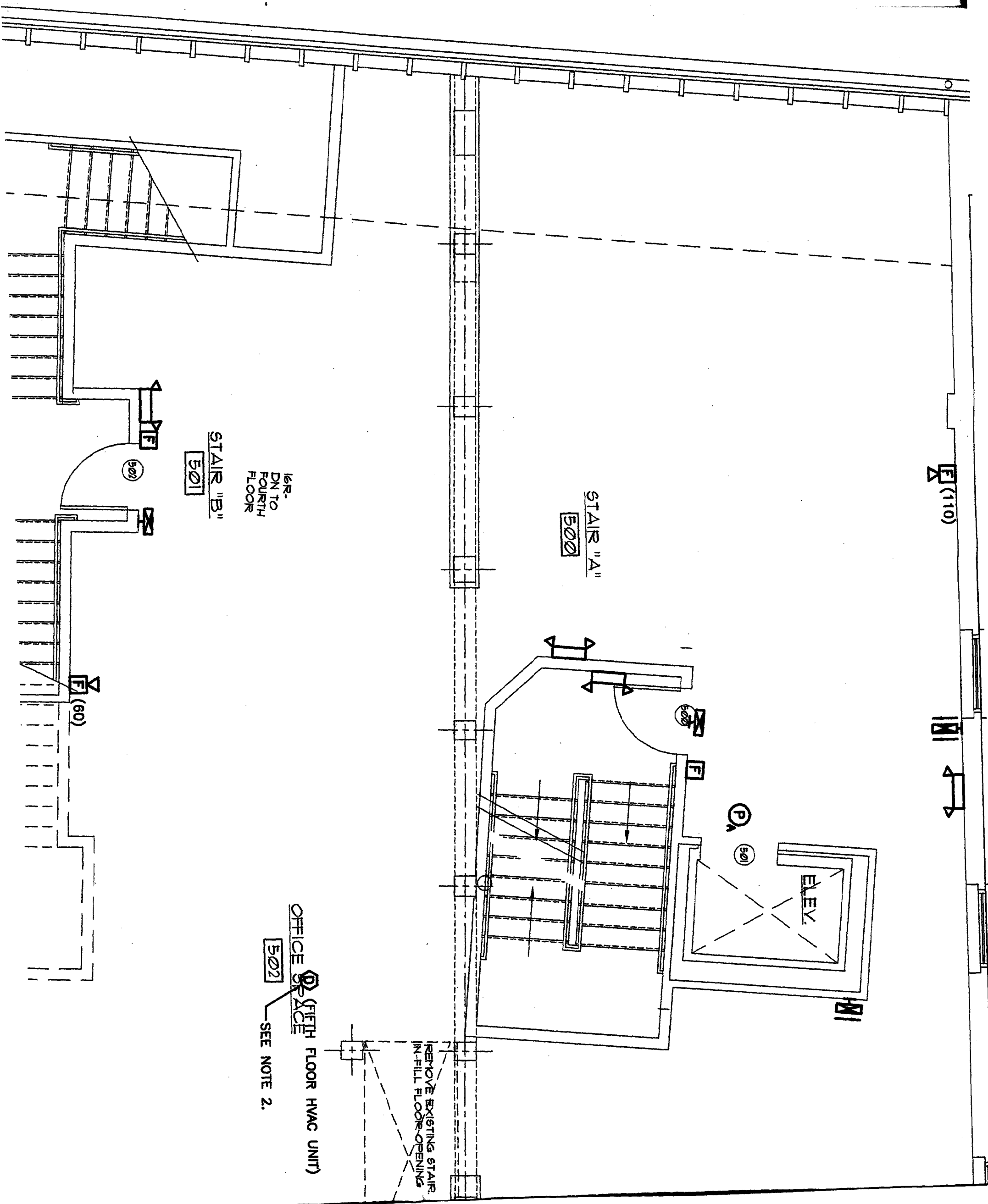
D (FOURTH FLOOR HVAC UNIT)
SEE NOTE 2.



5

(110)

7



F (110)

↔

STAIR "A"
500

STAIR "B"
501

L&R-
DN TO
FOURTH
FLOOR

ELEV.

P
503

504

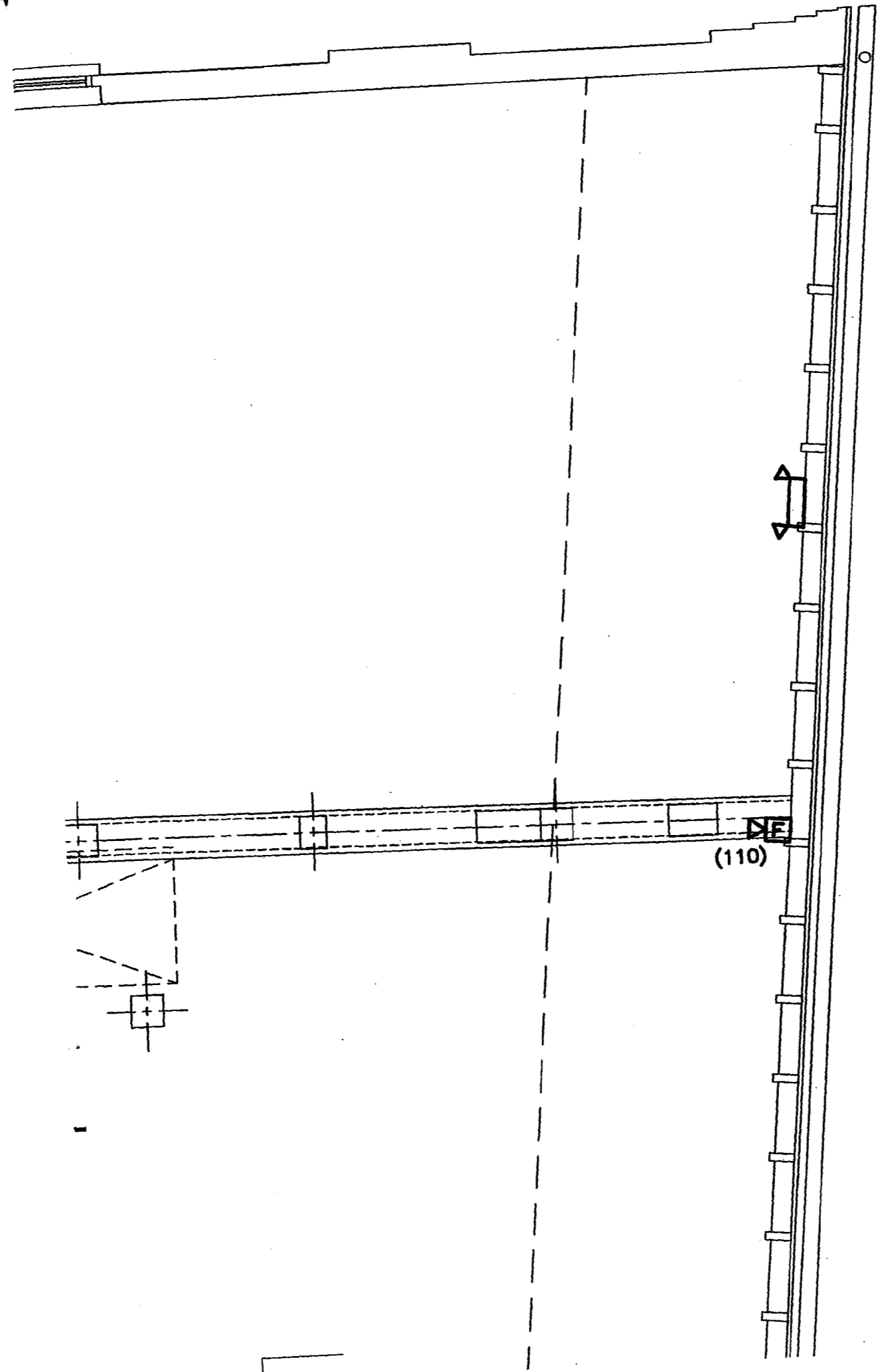
F

F (60)

OFFICE SPACE
502 (FIFTH FLOOR HVAC UNIT)

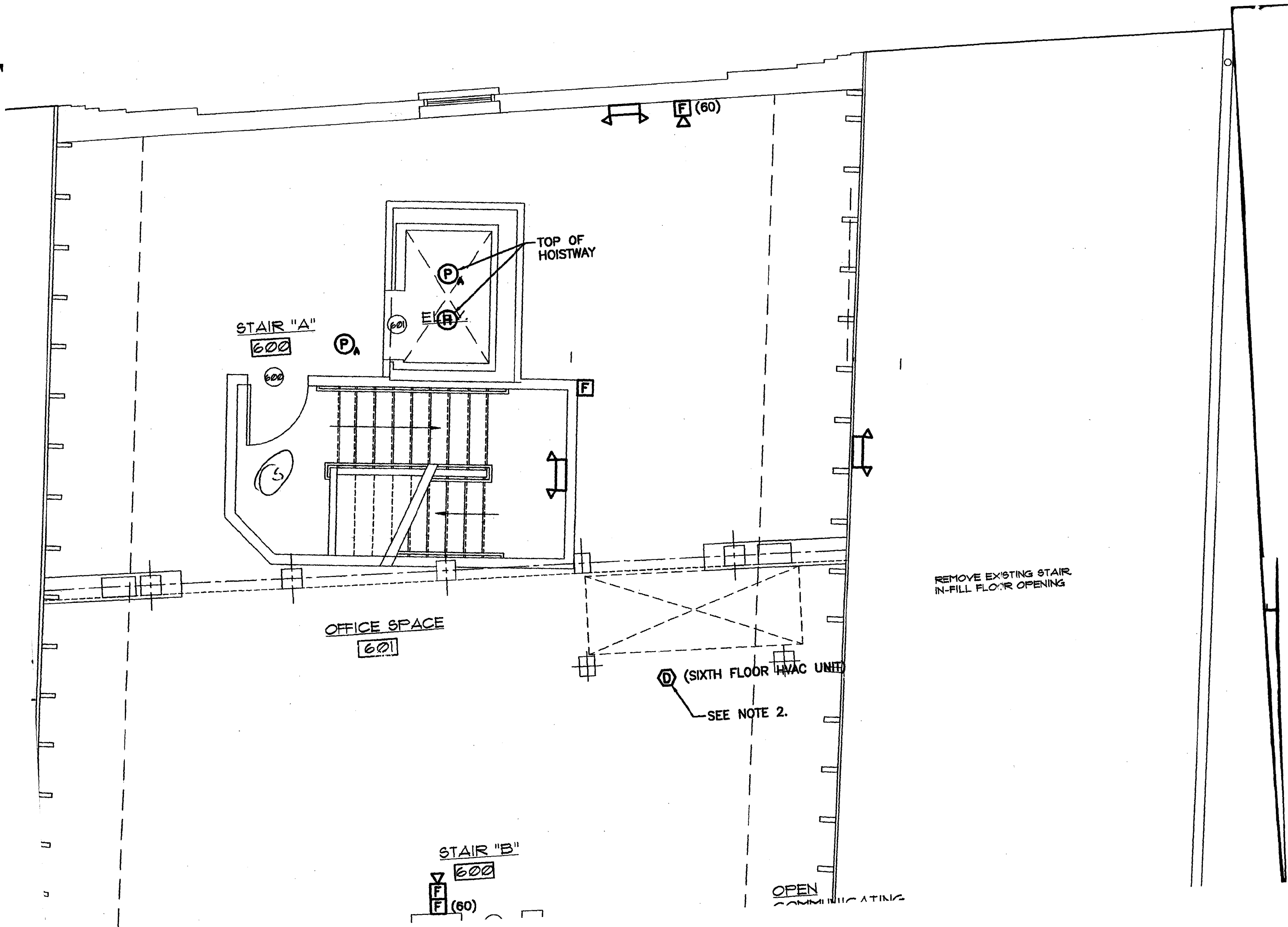
SEE NOTE 2.

REMOVE EXISTING STAIR
IN-FILL FLOOR OPENING



PH
S





STAIR "A"
600

TOP OF
HOISTWAY

OFFICE SPACE
601

REMOVE EXISTING STAIR
IN-FILL FLOOR OPENING

D (SIXTH FLOOR HVAC UNIT)

SEE NOTE 2.

STAIR "B"
600

F
F (60)

OPEN
COMMUNICATING