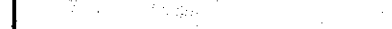
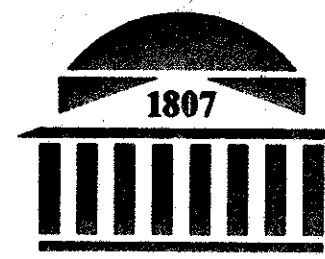


HSF1 - Reference Drawings



A-1.11



UMAB

HEALTH
SCIENCES
FACILITY

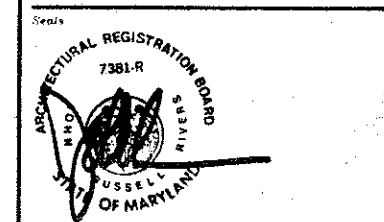
West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE OF CUH2A, INC.
& AYERS SAINT GROSS, INC.



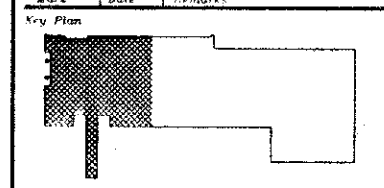
600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Rev	Date	Description
3	07/20/92	ISSUE NO.3
2	07/02/92	ISSUE NO.2
1	06/12/92	ISSUE NO.1
C	4/15/92	OWNER REVIEW
B	02/07/92	50% CONT. DOCUMENT
A	10/4/91	DESIGN DEVELOP. SUB.



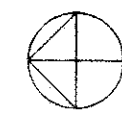
Project Number:
TIMAP 87-016

CUH2A 470-02 ASD 09020
Scale: 1/8" = 1'-0" Drawn by: J.W. Marked by: M.C.

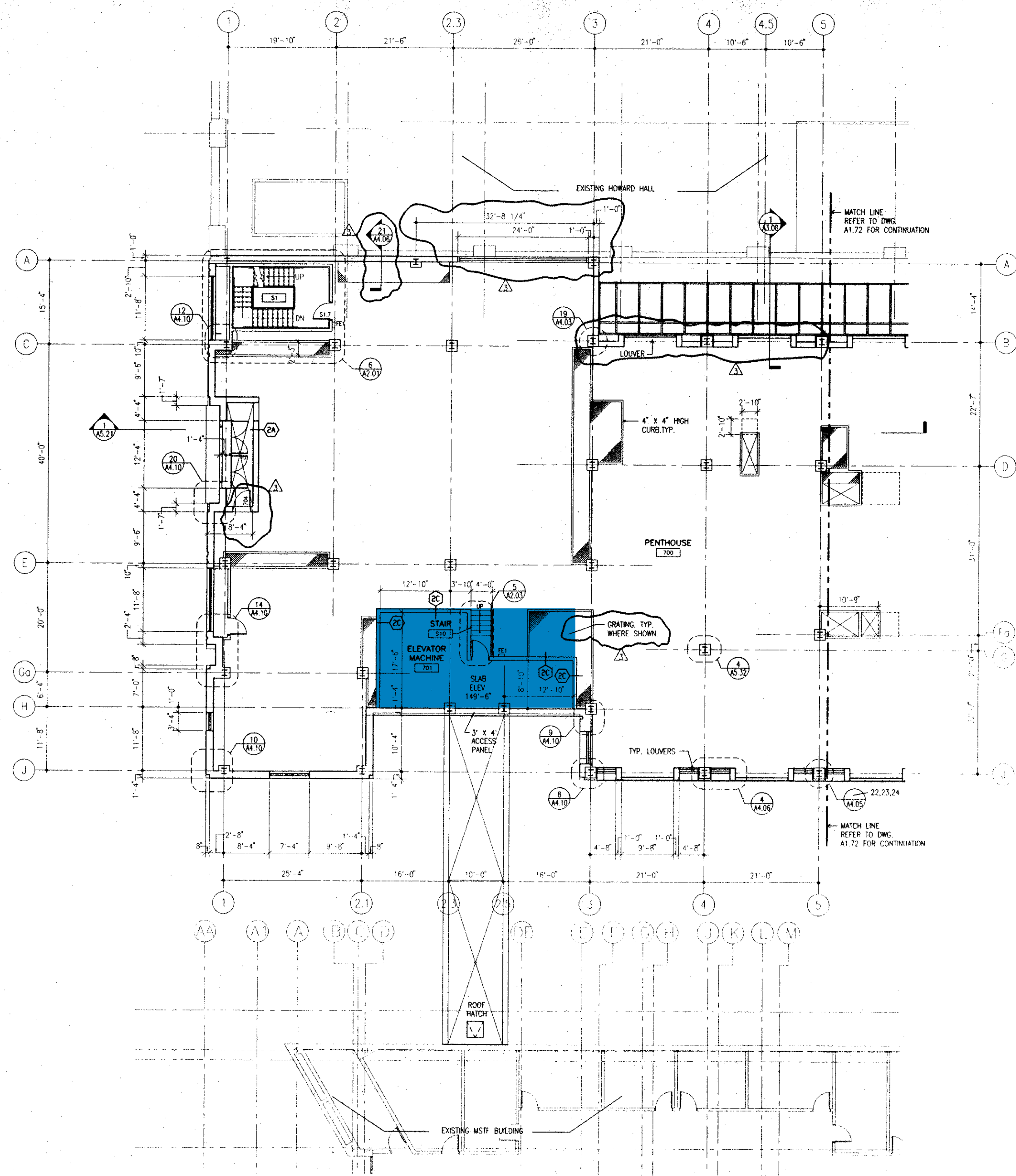
Project:
UMAB HEALTH
SCIENCES FACILITY

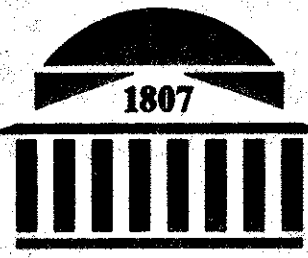
Preparing Title:
PENTHOUSE FLOOR
PLAN - NORTH

Drawing Number:



A-1.71





UMA B

HEALTH
SCIENCES
FACILITY

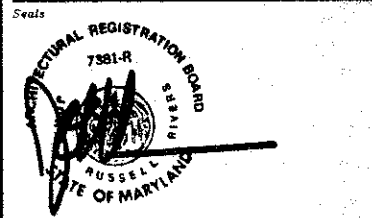
West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE OF CUH2A, INC.
& AYERS SAINT GROSS, INC.



600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architects, Engineering, Planning, Interior Design



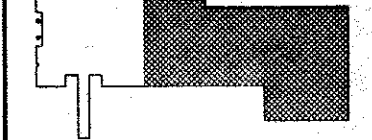
UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Title: _____ Date: _____

Title: _____ Date: _____

Mark	Date	Remarks
3	07/20/92	ISSUE NO. 3
2	07/02/92	ISSUE NO. 2
1	06/12/92	ISSUE NO. 1
C	4/15/92	OWNER REVIEW
B	02/07/92	50% CONT. DOCUMENT
A	10/4/91	DESIGN DEVELOP. SUB.

Key Plan



Project Numbers

UMA B 87-016

CUH2A 470-02 ASC 09020

Scale: 1/8" = 1'-0" Drawn by J.W. Checked by M.C.

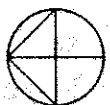
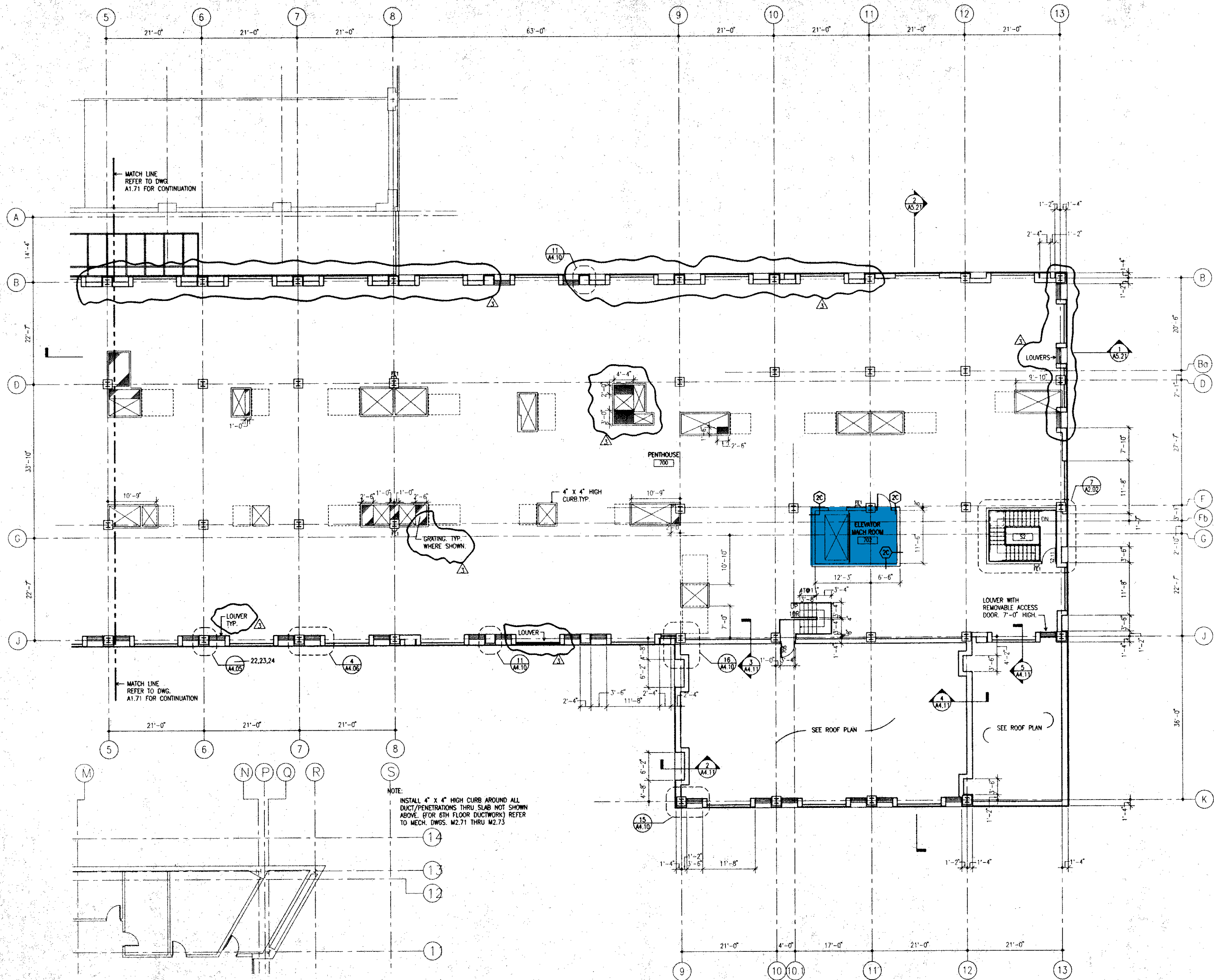
Project

UMA B HEALTH SCIENCES FACILITY

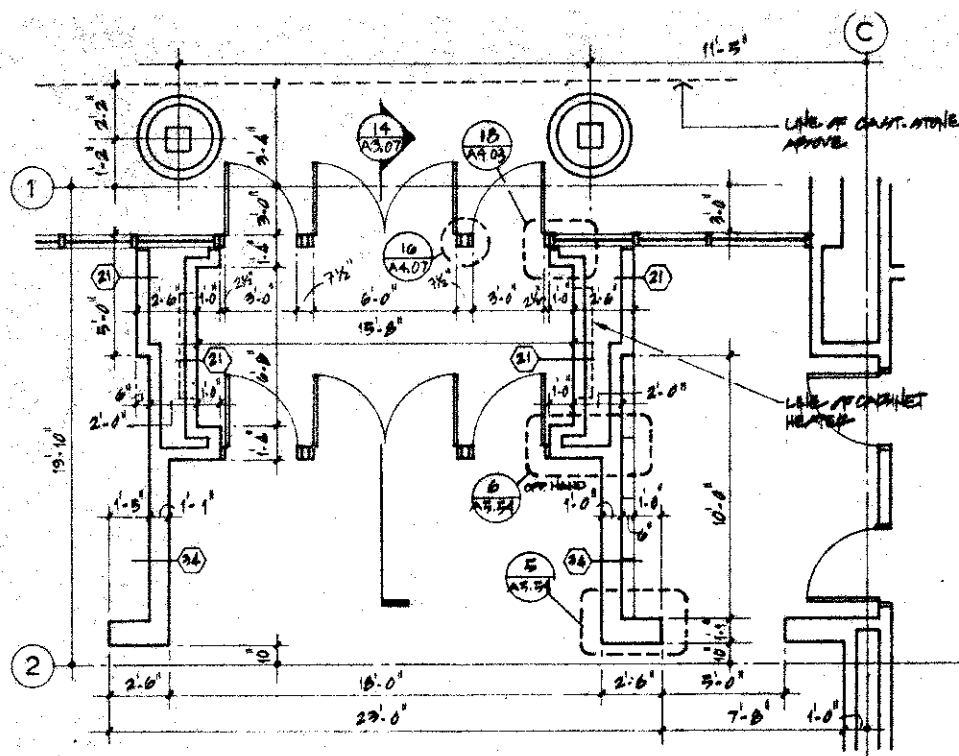
Drawing Title

PENTHOUSE FLOOR PLAN - SOUTH

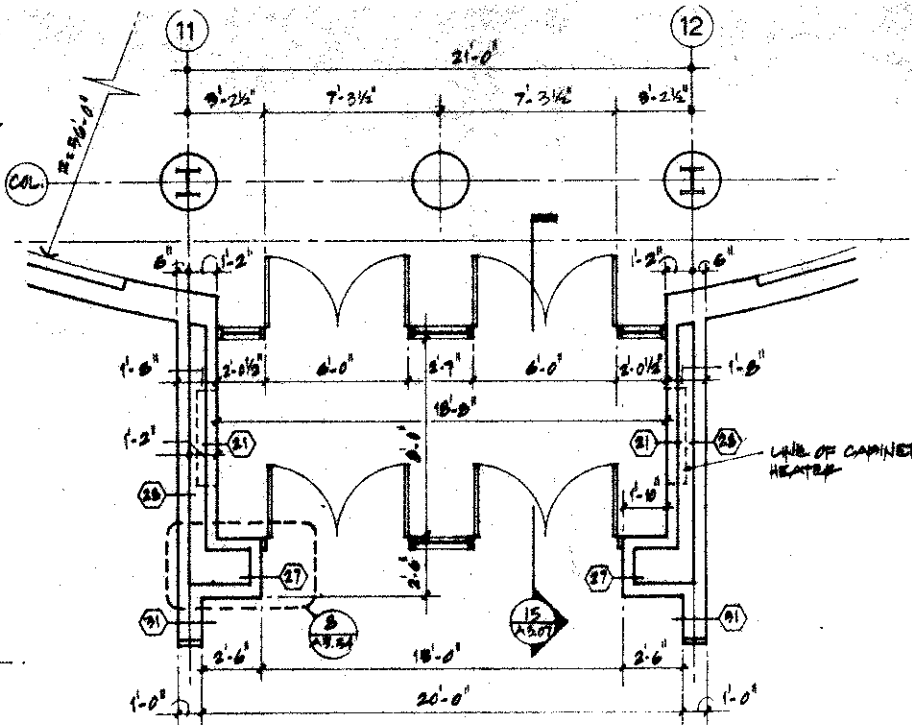
Drawing Number



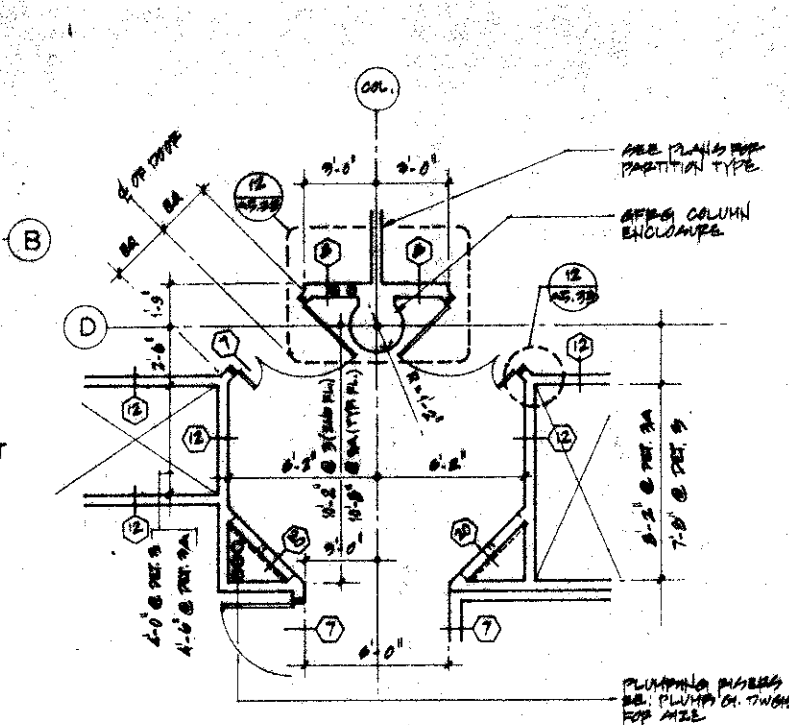
A-1.72



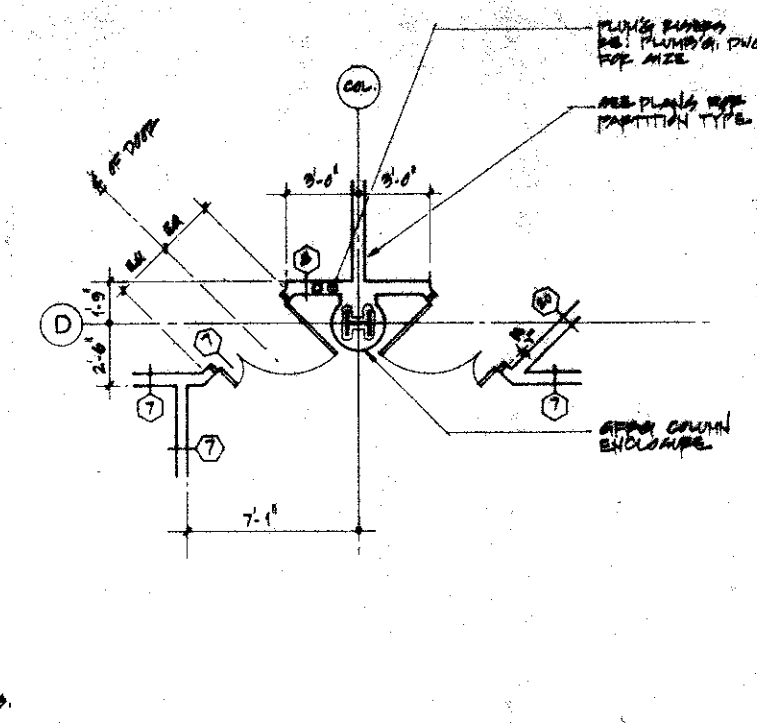
1 VESTIBULE / LOBBY - NORTH - 1st FLOOR
1/4" = 1'-0" REF: A1.11



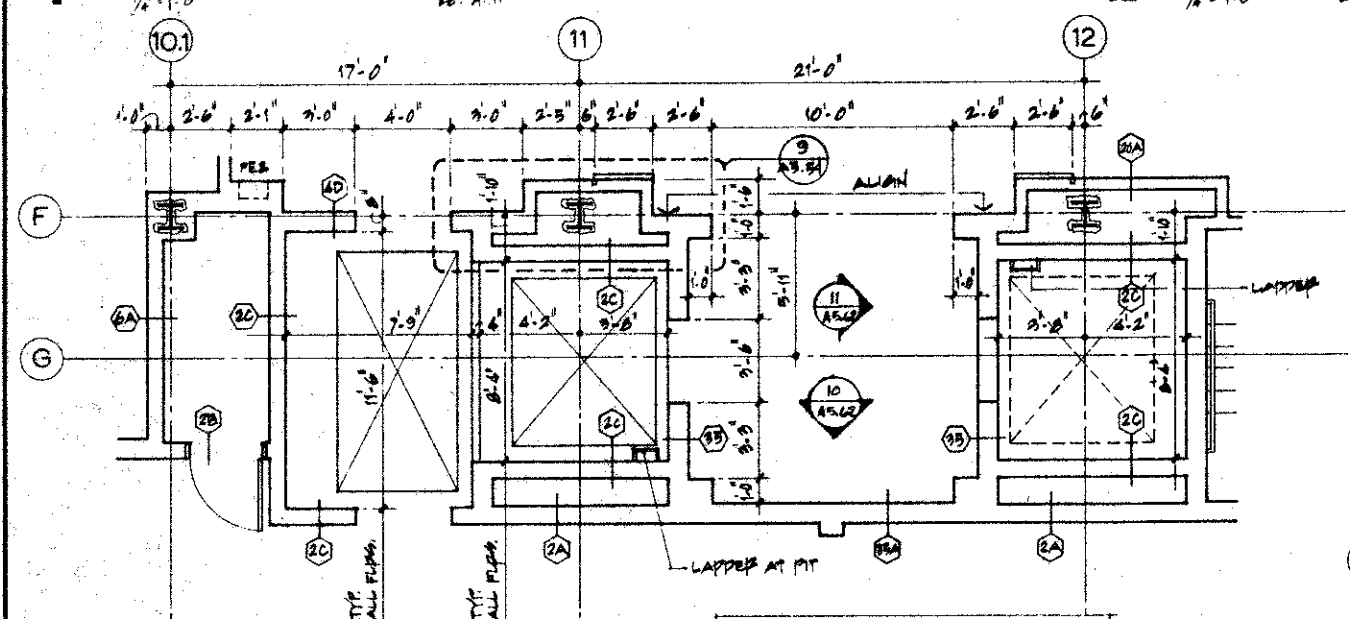
2 VESTIBULE - SOUTH
1/4" = 1'-0" REF: A1.12



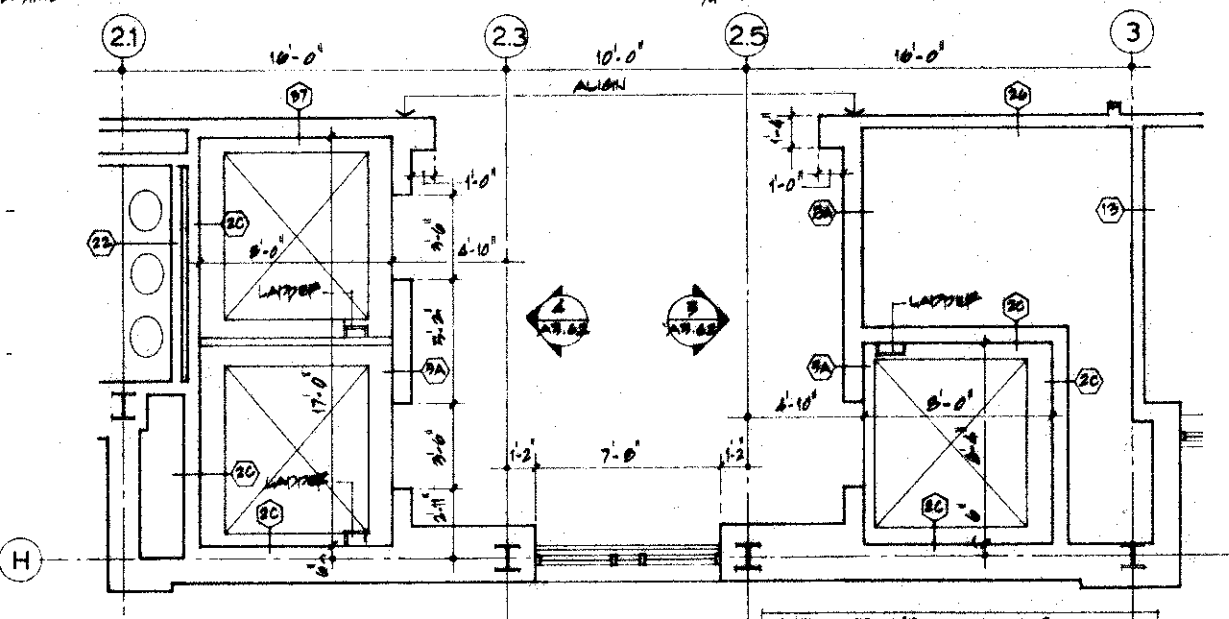
3 3A PLAN DETAIL AT LAB ENTRY
1/4" = 1'-0" REF: A1.22, A1.33, A1.42, A1.53



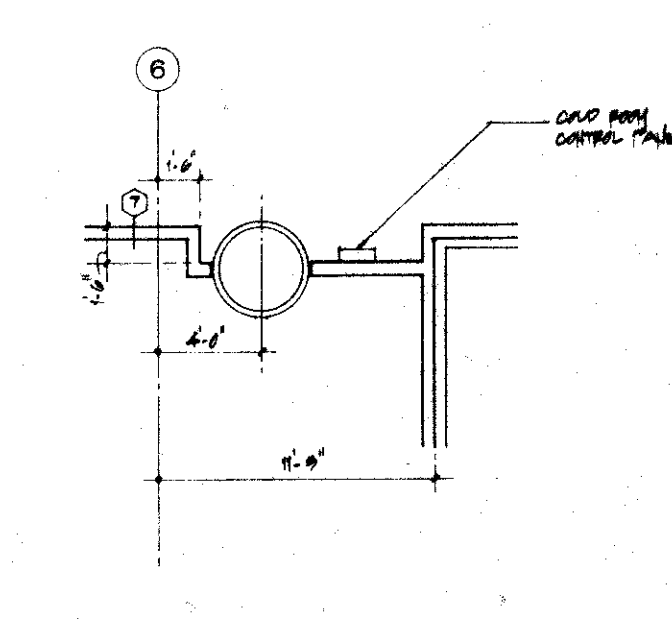
4 PLAN DETAIL
1/4" = 1'-0" REF: A1.11, A1.12



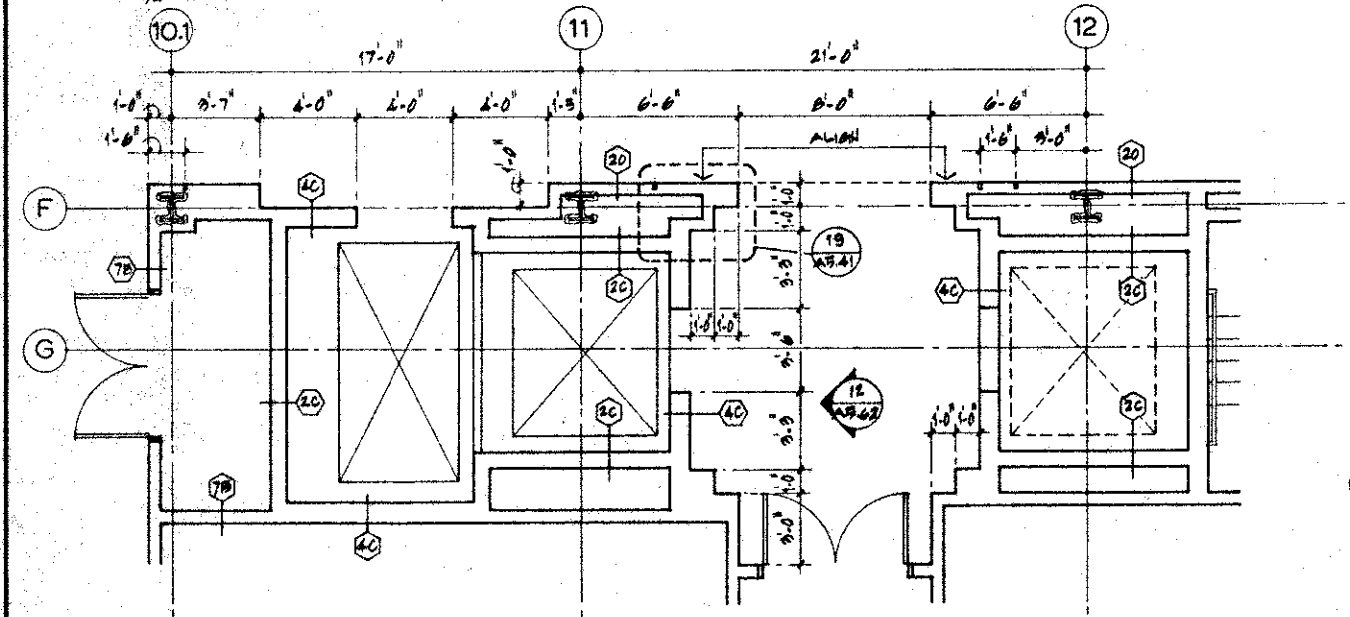
5 ELEVATOR LOBBY - SOUTH - 1st FLOOR
1/4" = 1'-0" REF: A1.12
NOTE: FOR TYP. ELEVATOR CAB INTERIOR ELEVATIONS SEE DWG. A5.62



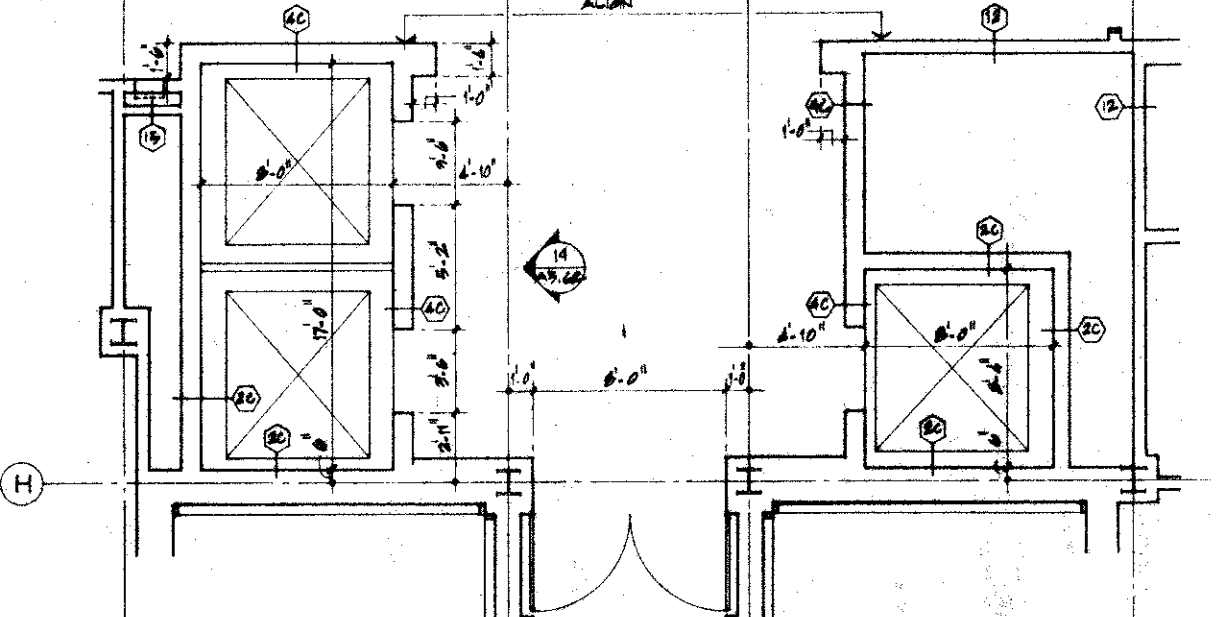
8 ELEVATOR LOBBY - NORTH - 1st FLOOR
1/4" = 1'-0" REF: A1.11
NOTE: FOR TYP. ELEVATOR CAB INTERIOR ELEVATIONS SEE DWG. A5.62



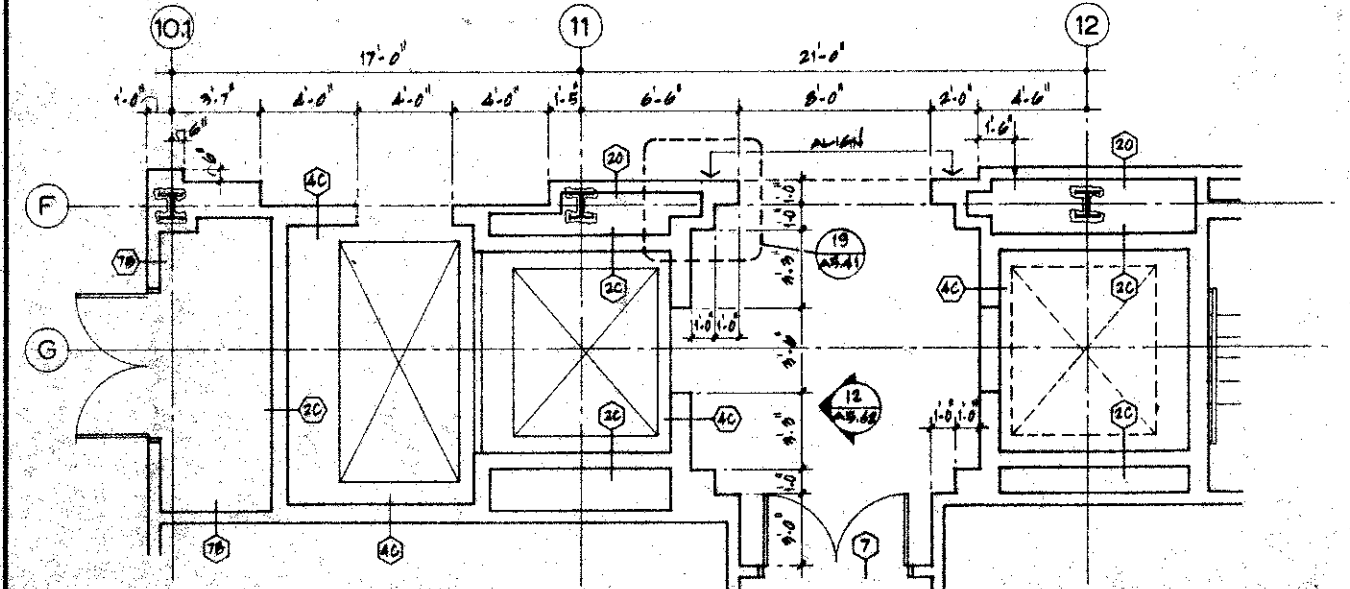
11 PLAN DETAIL AT DARK ROOM ENTRY
1/4" = 1'-0" REF: A1.12



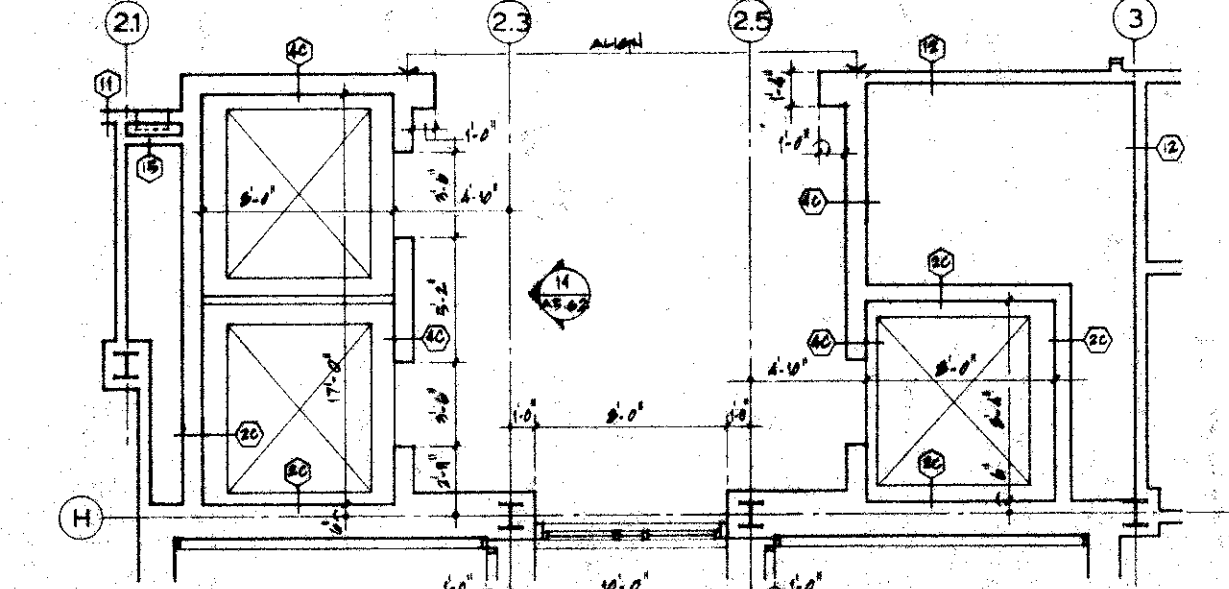
6 ELEVATOR LOBBY - SOUTH - 2nd FLOOR
1/4" = 1'-0" REF: A1.22



9 ELEVATOR LOBBY - NORTH - 2nd, 5th & 6th FLOORS
1/4" = 1'-0" REF: A1.21, A1.51, A1.61

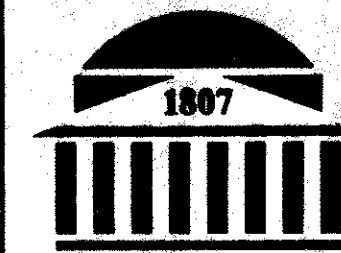


7 ELEVATOR LOBBY - SOUTH - 3rd, 4th, & 5th FLOORS
1/4" = 1'-0" REF: A1.32, A1.42, A1.52



10 ELEVATOR LOBBY - NORTH - 3rd & 4th FLOORS
1/4" = 1'-0" REF: A1.51, A1.61

NOTES:
1. FOR ELEVATOR CAB INTERIOR ELEVATIONS
REFER TO DWG. A5.62

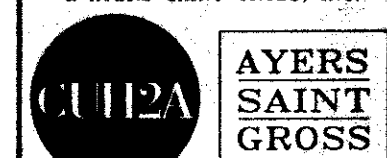


UMAB

HEALTH
SCIENCES
FACILITY

West Baltimore Street
Baltimore, Maryland
21201 1041

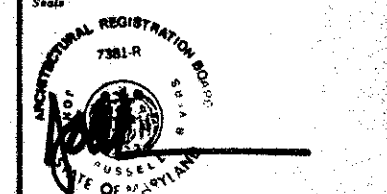
A JOINT VENTURE OF CUH2A, INC.
& AYERS SAINT GROSS, INC.



600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design

Scale



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

Date

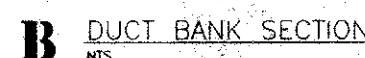
Date

Date

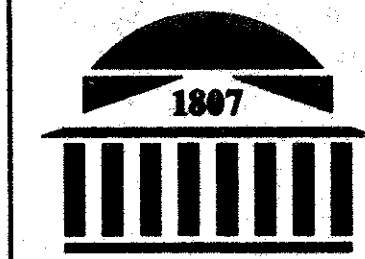
Date

Date

Date



EP1.01

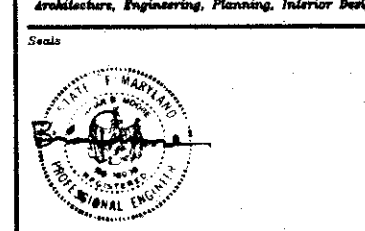


UMAB
HEALTH
SCIENCES
FACILITY
West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE



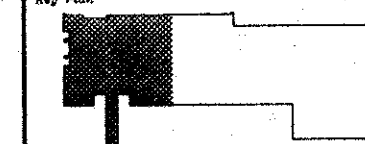
600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500
Architects, Engineers, Planning, Interior Design



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Rev	Date	Remarks
2	07/02/92	ISSUE NO. 2
1	6/12/92	ISSUE No. 1
C	4/15/92	OWNER'S REVIEW
B	2/7/92	50% CONTRACT DOC.
A	10/4/91	DESIGN DEVELOP. SUB.

Rev. Plan

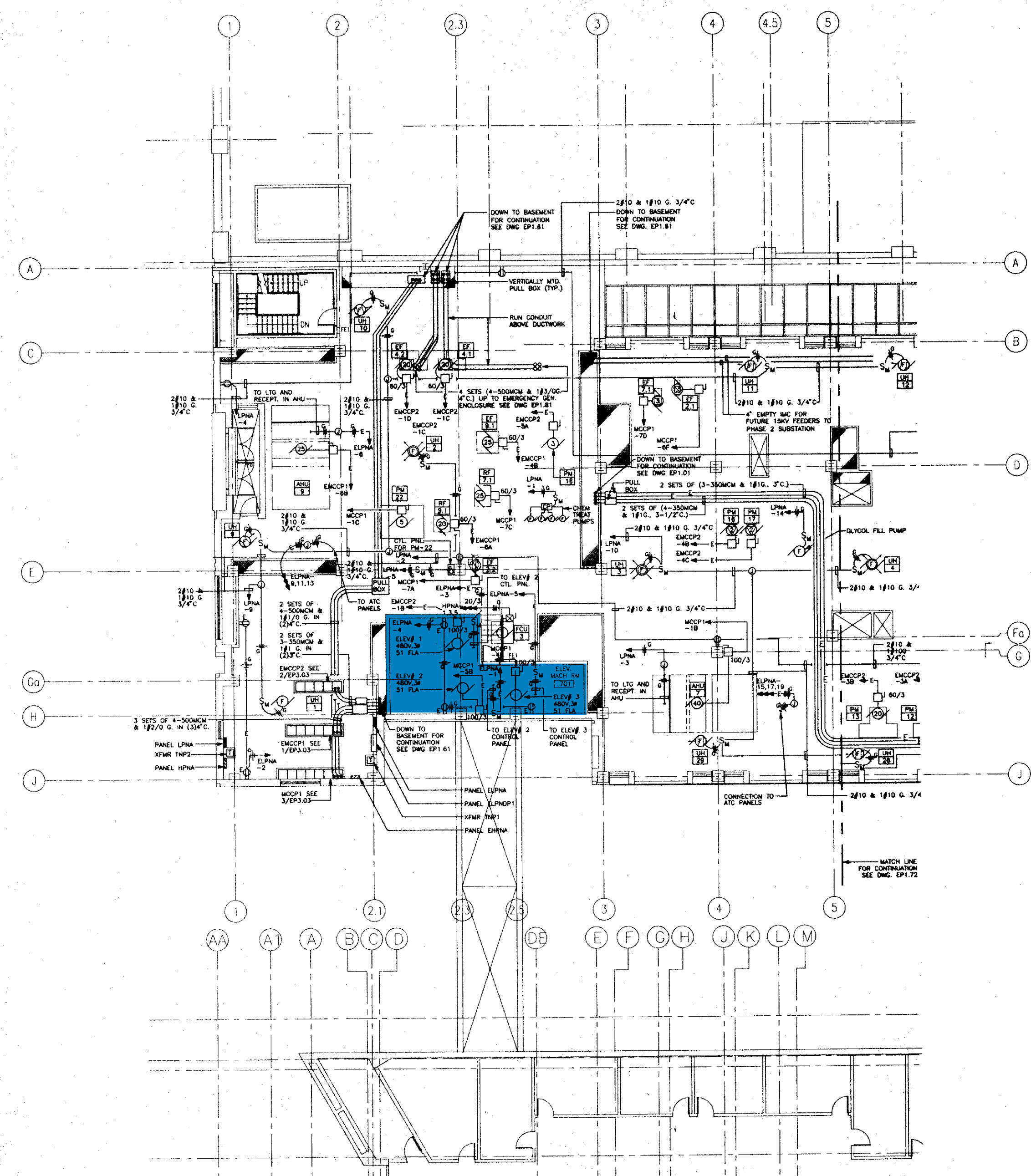


Project Number
UMAB 87-016

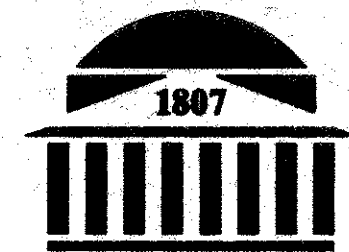
CUNYA 470-02 ASC 09020
Scale 1/8" = 1'-0" Drawn by BG Checked by CAG

Project
UMAB HEALTH
SCIENCES FACILITY
Drawing Title
PENTHOUSE FLOOR
PLAN - NORTH
POWER
Drawing Number

EP1.71



- NOTES:
1. FOR SYMBOL LIST AND ABBREVIATIONS SEE DWG. E00.01
 2. FOR PANEL SCHEDULE SUMMARY SEE DWG. EP3.01
 3. FOR FLOOR MTD. DISCONNECT SWITCH DETAIL SEE 4/EP5.01



UMAB

**HEALTH
SCIENCES
FACILITY**

West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE



600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design

Scale



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Title Date

Title Date

2 07/02/92 ISSUE NO. 2

1 6/12/92 ISSUE NO. 1

C 4/15/92 OWNER'S REVIEW

B 2/7/92 50% CONTRACT DOC.

A 10/4/91 DESIGN DEVELOP. SUB.

Mark Date Remarks

Key Plan

Project Numbers

UMAB 87-016

CUI2A 470-02 ASD 09020

Scale 1/8" = 1'-0" Drawn by BG Checked by CAG

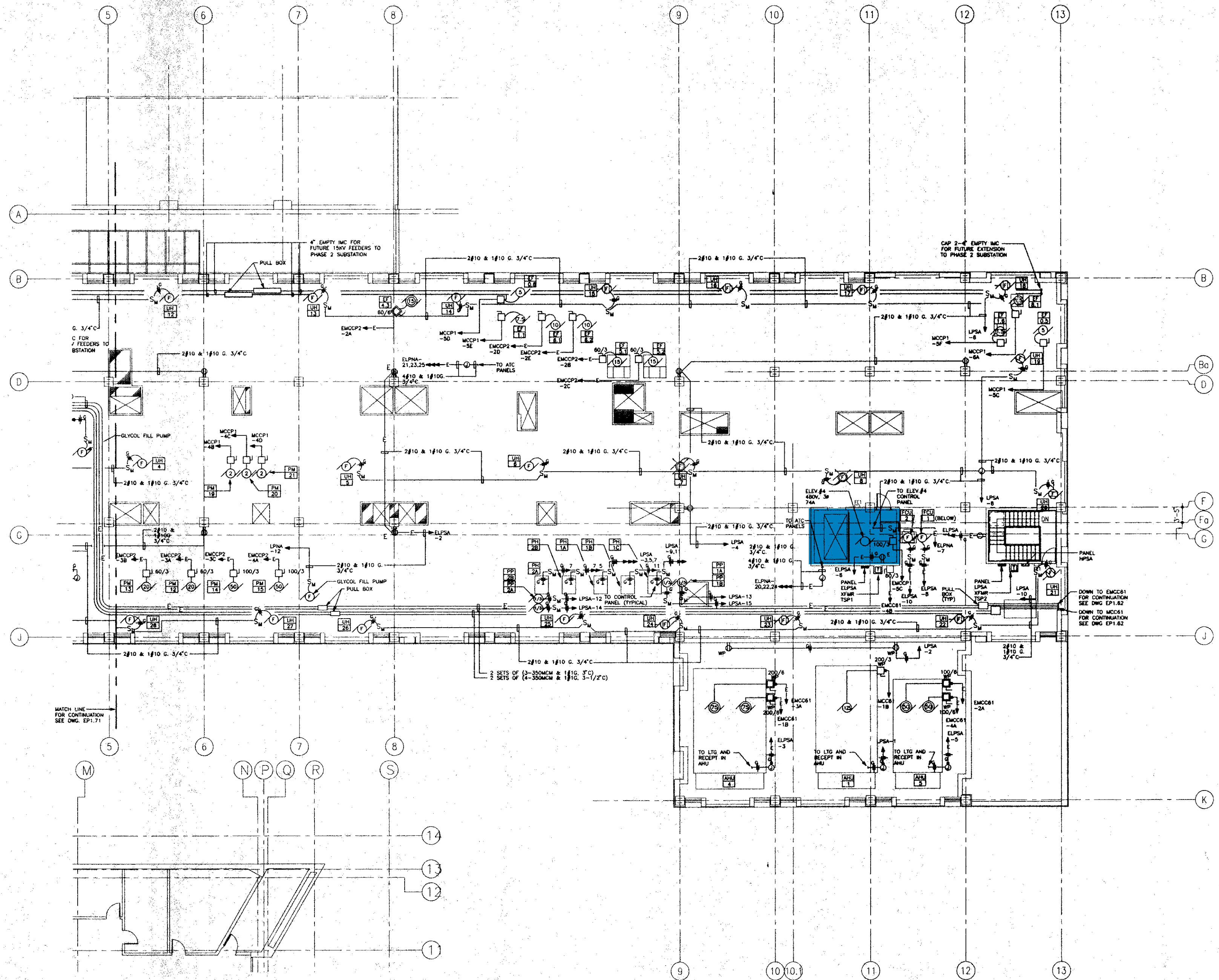
Project

UMAB HEALTH SCIENCES FACILITY

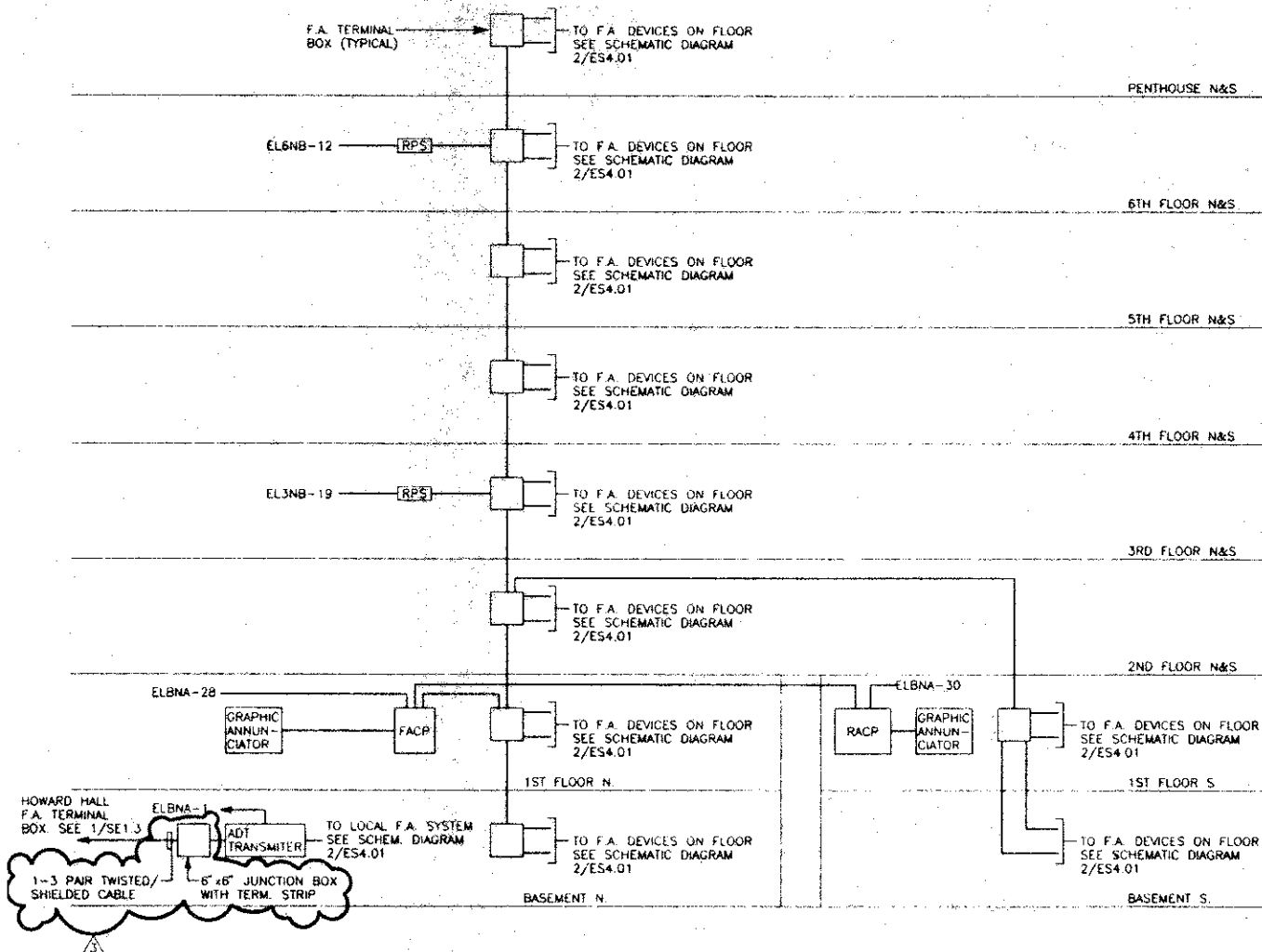
PENTHOUSE FLOOR PLAN - SOUTH POWER

Drawing Number

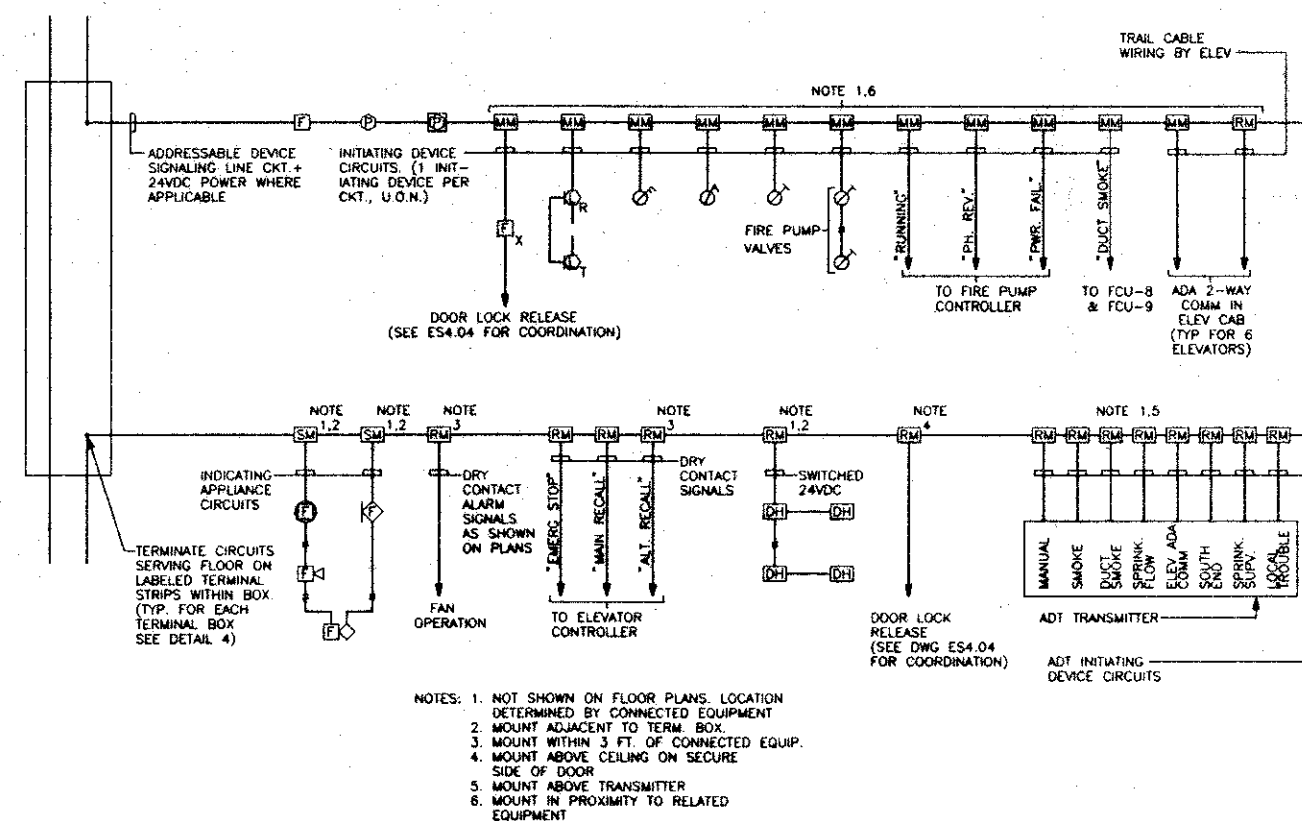
EP1.72



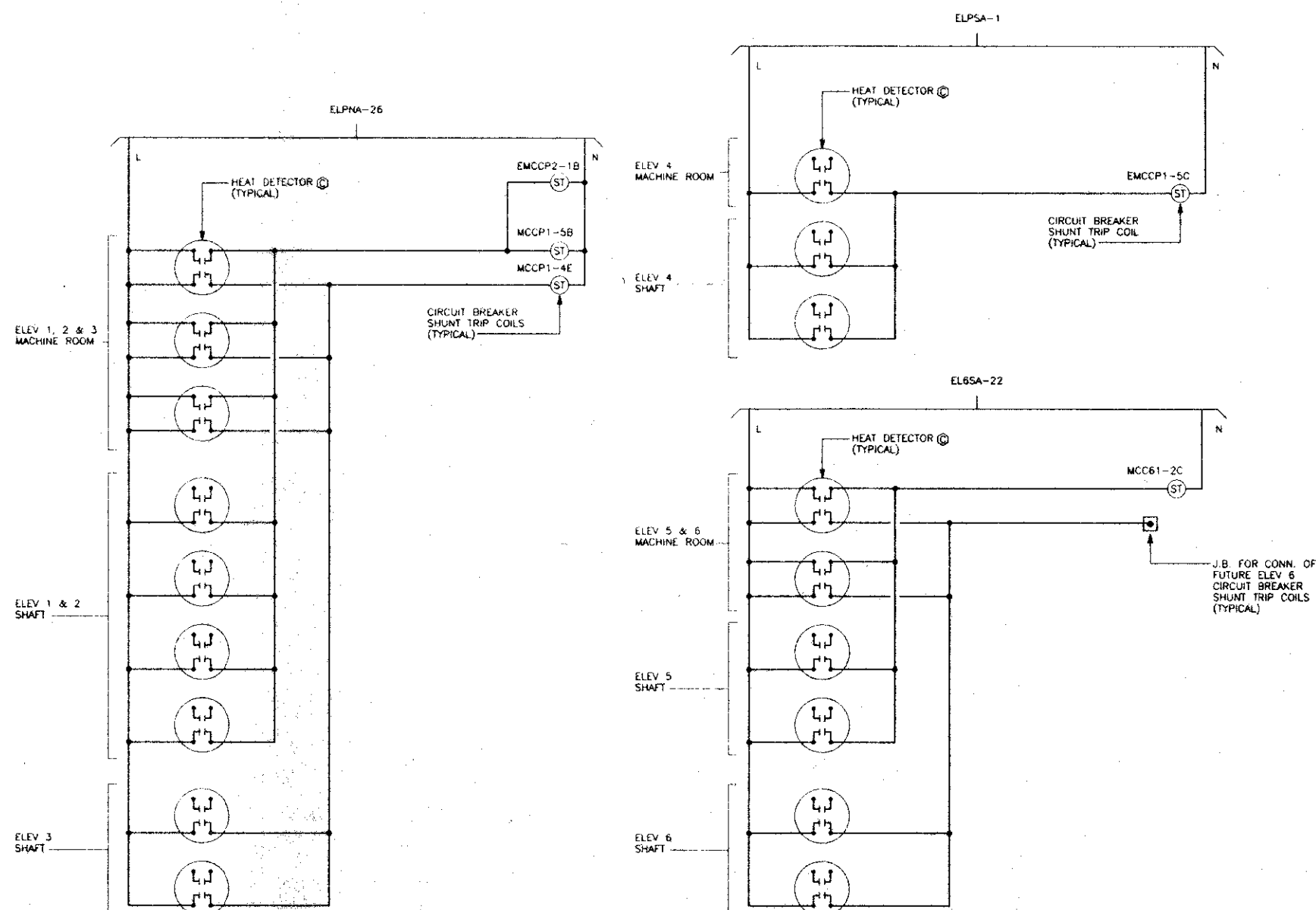
- NOTES:
1. FOR SYMBOL LIST AND ABBREVIATIONS SEE DWG. E00.01
 2. FOR PANEL SCHEDULE SUMMARY SEE DWG. EP3.01
 3. FOR ROOF PENETRATION DETAIL SEE 19/A-4.06
 4. FOR FLOOR MTD. DISCONNECT SWITCH DETAIL SEE 4/EP5.01



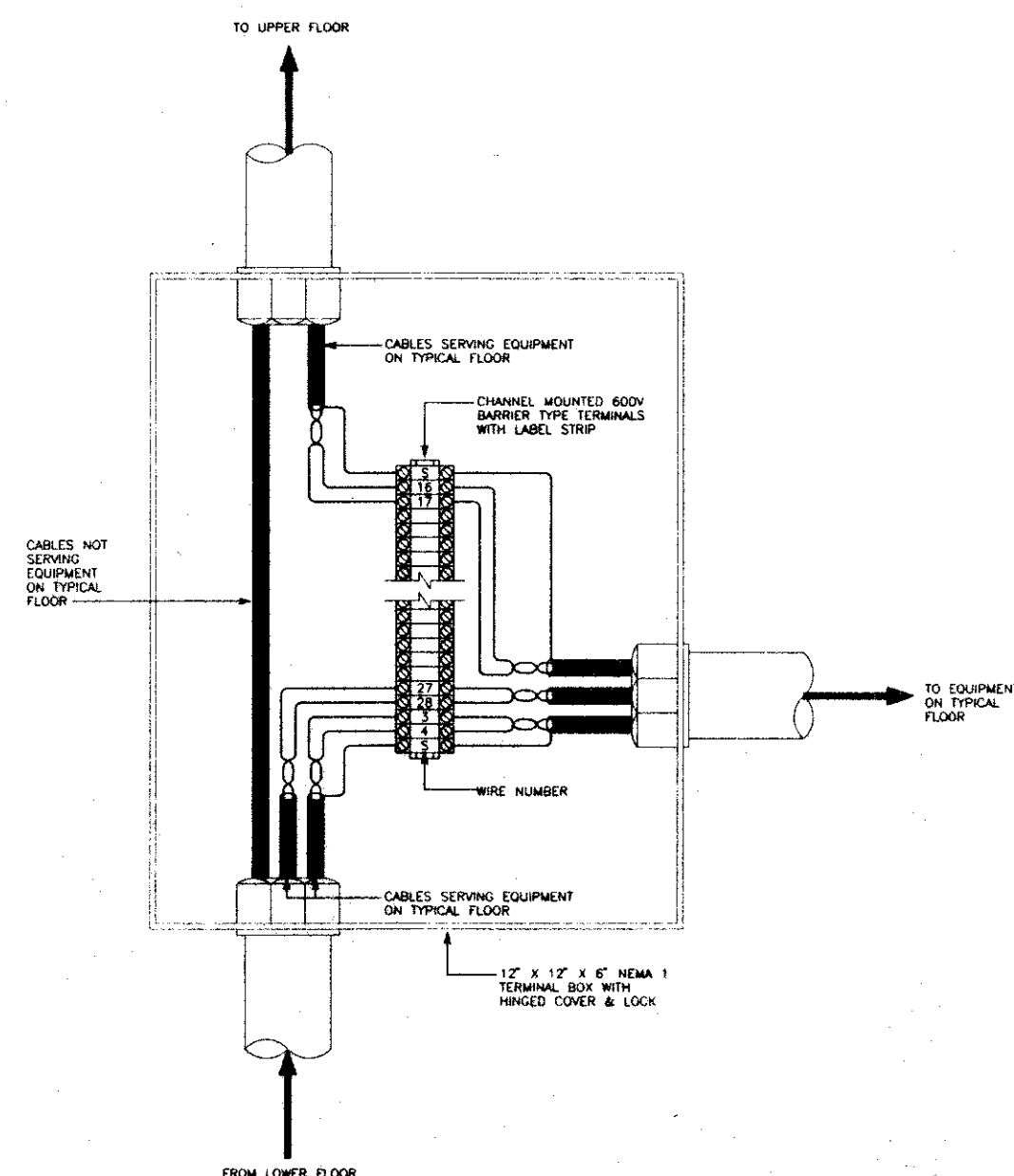
1 FIRE ALARM RISER DIAGRAM
NOT TO SCALE



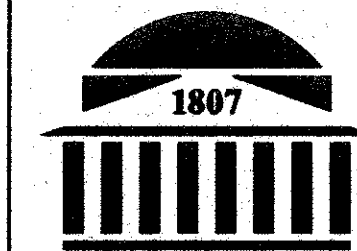
2 FIRE ALARM EQUIPMENT SCHEMATIC DIAGRAM
NOT TO SCALE



3 ELEVATOR SHUTDOWN WIRING DIAGRAM
NOT TO SCALE



4 FIRE ALARM TERMINAL BOX DETAIL
NOT TO SCALE



UMAB

**HEALTH
SCIENCES
FACILITY**

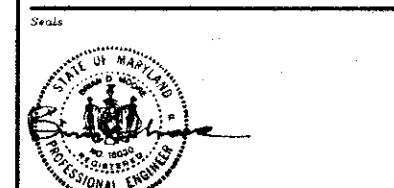
West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE OF CUH2A, INC.
& AYERS SAINT GROSS, INC.



600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Title: _____ Date: _____

Title: _____ Date: _____

Rev	Date	By	Remarks
3	7/20/92	ISSUE NO. 3	
2	7/2/92	ISSUE NO. 2	
1	6/12/92	ISSUE NO. 1	
C	4/15/92	OWNER'S REVIEW	
B	2/7/92	50% CONTRACT DOC.	

Mark Date Remarks

Key Plan

Project Numbers
UMAB 87-016

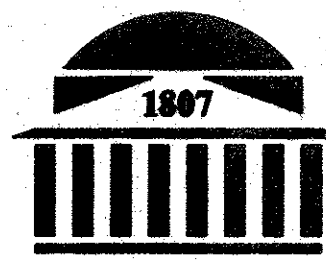
CUH2A 470-02 ASD 09020
Scale NONE RS CAG

Project
UMAB HEALTH
SCIENCES FACILITY

Drawing Title
F/A RISER DIAGRAMS
AND DETAILS

Drawing Number

ES4.01



HEALTH
SCIENCES
FACILITY

West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE OF CUH2A, INC.
& AYERS SAINT GROSS, INC.



600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 209
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Rev.	Date	Remarks
3	7/20/92	ISSUE NO.3
2	7/2/92	ISSUE NO.2
1	6/12/92	ISSUE NO.1
C	4/15/92	OWNER'S REVIEW
B	2/7/92	50% CONTRACT DOC.

Key Plan

Project Number
UMAB 87-016

CUH2A 470-02 ASD 09020

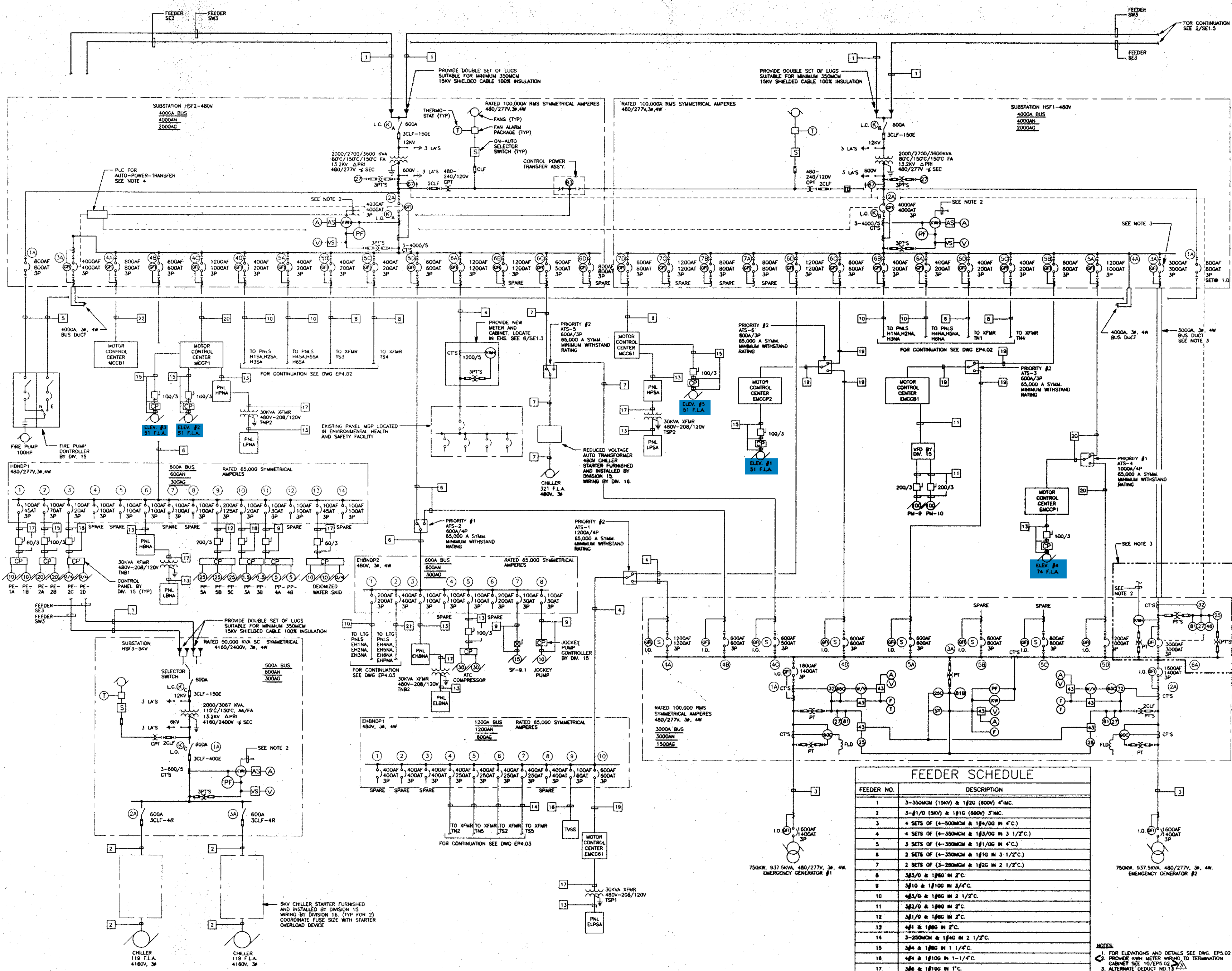
Scale
1/8" = 1'-0" BS CAG

Project
UMAB HEALTH
SCIENCES FACILITY

Drawing Title
SINGLE LINE
DIAGRAMS

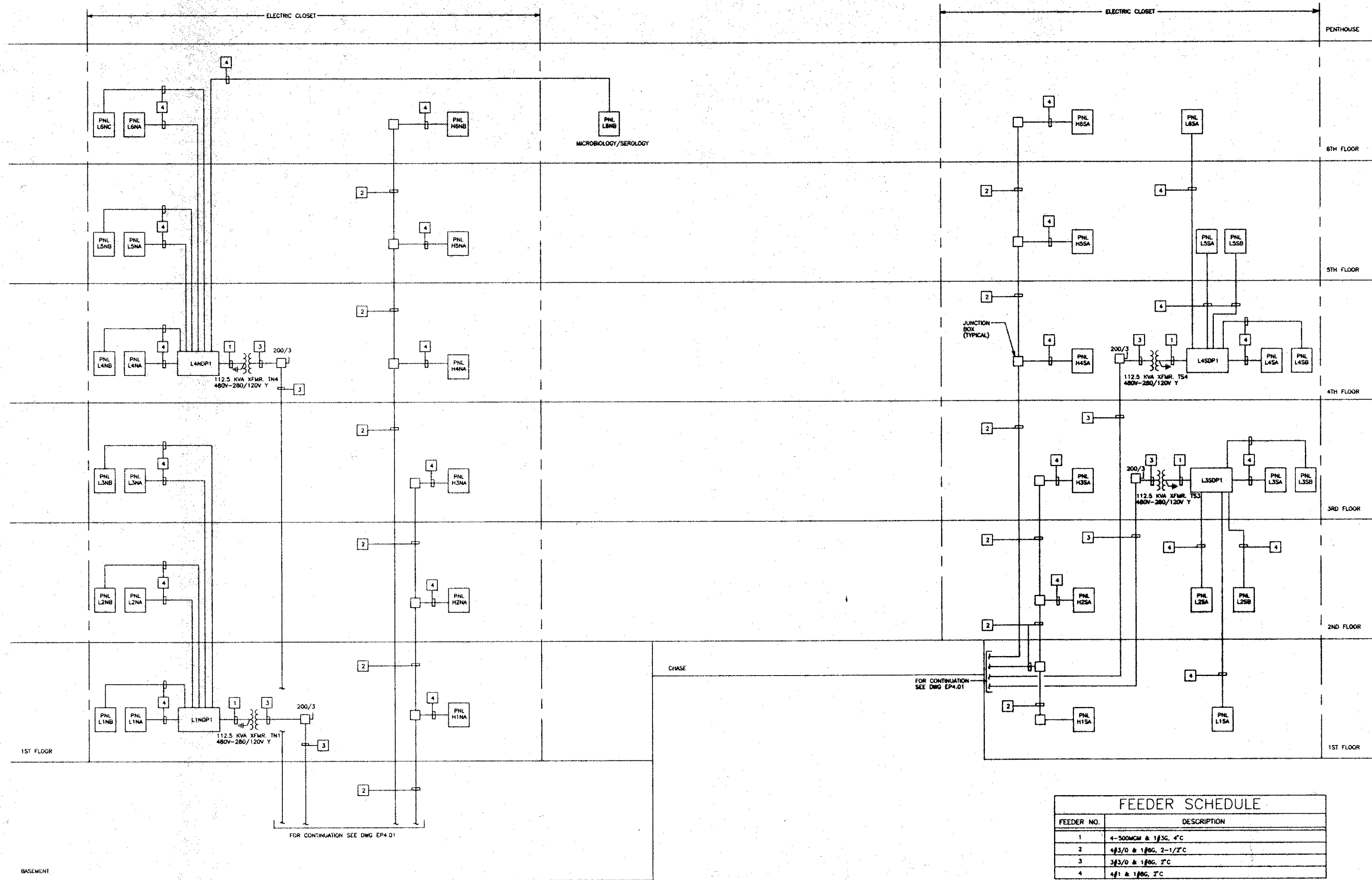
Drawing Number

EP4.01



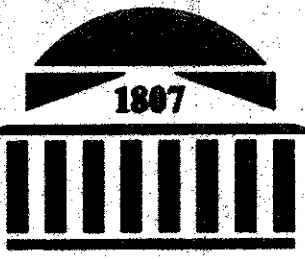
FEEDER SCHEDULE	
FEEDER NO.	DESCRIPTION
1	3-350MCM (15KV) @ 182G (600V) 4"MC.
2	3-#1/0 (5KV) @ 181G (600V) 3"MC.
3	4 SETS OF (4-500MCM @ 184/0G IN 4"C.)
4	4 SETS OF (4-350MCM @ 183/0G IN 3 1/2"C.)
5	3 SETS OF (4-350MCM @ 181/0G IN 4"C.)
6	2 SETS OF (4-350MCM @ 181/0G IN 3 1/2"C.)
7	2 SETS OF (3-250MCM @ 182G IN 2 1/2"C.)
8	3/83/0 @ 186G IN 2"C.
9	3/10 @ 1810G IN 3/4"C.
10	4/83/0 @ 186G IN 2 1/2"C.
11	3/82/0 @ 186G IN 2"C.
12	3/10 @ 186G IN 2"C.
13	4/81 @ 186G IN 2"C.
14	3-250MCM @ 184G IN 2 1/2"C.
15	3/4 @ 186G IN 1 1/4"C.
16	4/84 @ 1810G IN 1-1/4"C.
17	3/8 @ 1810G IN 1"C.
18	3/12 @ 1812G IN 3/4"C.
19	2 SETS OF (3-350MCM @ 181G IN 3"C.)
20	3 SETS OF (4-500MCM @ 182/0G IN 4"C.)
21	4-500MCM @ 183G IN 4"C.
22	2 SETS OF (4-500MCM @ 181/0G IN 4"C.)

- NOTES:
- FOR ELEVATIONS AND DETAILS SEE DWG. EP5.02
 - PROVIDE RKM METER WIRING TO TERMINATION CABINET SEE 10/EP5.02
 - ALTERNATE DUCT NO.13
 - ALTERNATE DUCT NO.14



FEEDER SCHEDULE	
FEEDER NO.	DESCRIPTION
1	4-500MCM & 1/32, 4" C
2	4/3/0 & 1/86, 2-1/2" C
3	3/3/0 & 1/86, 2" C
4	4/1 & 1/86, 2" C

- NOTES :
- FOR SYMBOL LIST AND ABBREVIATIONS SEE DWG E00.01
 - FOR PANEL SCHEDULE SUMMARY SEE DWG EP3.01



UMB

HEALTH SCIENCES FACILITY

West Baltimore Street
Baltimore, Maryland
21201 1041

A JOINT VENTURE




600 Alexander Road 222 St. Paul Place
Princeton, New Jersey Baltimore, Maryland
08543 5240 21202 2091
609 452 1212 301 347 8500

Architecture, Engineering, Planning, Interior Design



UNIVERSITY OF MARYLAND AT BALTIMORE
APPROVAL

Mark	Date	Remarks
2	07/02/92	ISSUE NO. 2
1	5/12/92	ISSUE NO. 1
C	4/15/92	OWNER'S REVIEW
B	2/7/92	50% CONTRACT DOC.

Project Numbers
UMB 87-016

CUH2A 470-02 ASD 09020

Scale NONE Drawn by BS Checked by

Project
UMB HEALTH SCIENCES FACILITY

Drawing Title
NORMAL POWER RISER DIAGRAM

Drawing Number

EP4.02

