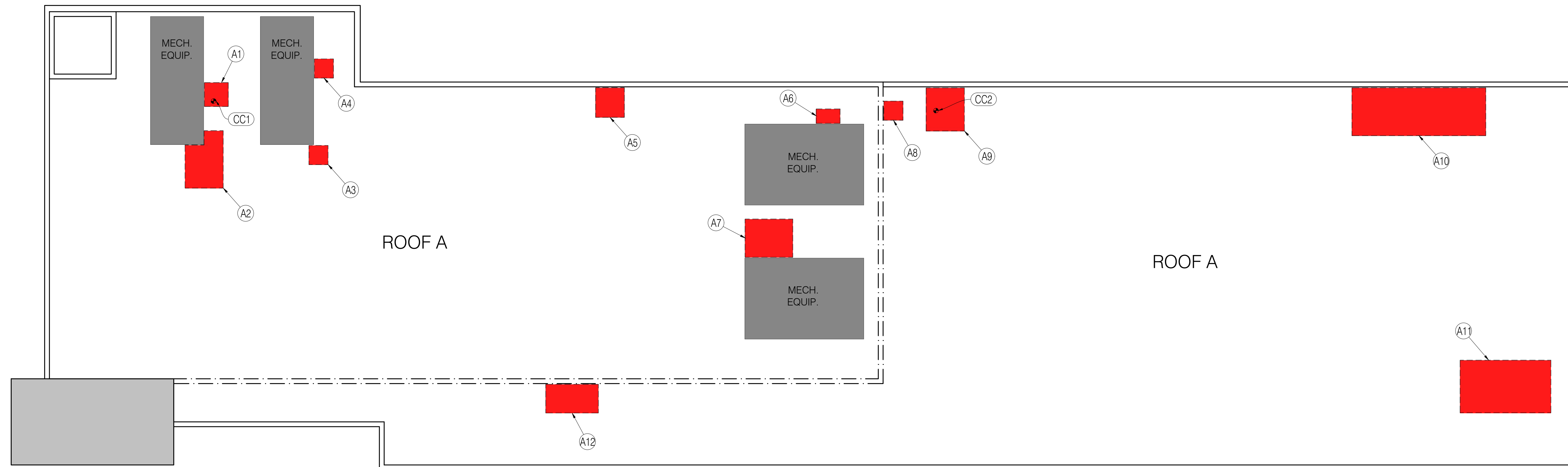


Health Sciences Facility I (HSF I) Documents:

- Map of IR Scan – Roof Scan Overview, dated 7/23/19;
- A-3.02 Building Elevations: West Elevation, Arcade-West Elevation, Arcade-East Elevation;
- A-3.03 Building Elevations: East Elevation, Connecting Link, Partial South Elevation, & Partial North Elevation;
- A-3.04 Exterior Elevations & Sections: Partial Elevations & Wall Section;
- A-3.05 Exterior Elevations& Sections: Partial Elevations & Wall Sections, Elevation East Stone Panelization & Panel to Panel & Fake Joint;
- A4.01 Exterior Details;
- A4.02 Exterior Details;
- A4.03 Exterior Details;
- A4.04 Exterior Details;
- A4.05 Exterior Details;
- A4.06 Exterior Details;
- A4.11 Sections;
- S1.71 Penthouse Floor Framing Plan – North;
- S1.72 Penthouse Floor Framing Plan – South;
- S1.81 Roof Plan – North; and
- S6.01 Pedestrian Bridge Elevation and Sections

TOTAL SUSPECTED WET SQ FT = 927

AREA	SIZE	SQ FT	NOTES
A1	5 x 5	25	CC1
A2	12 x 8	96	-
A3	4 x 4	16	-
A4	4 x 4	16	-
A5	6 x 6	36	-
A6	3 x 5	15	-
A7	8 x 10	80	-
A8	4 x 4	16	-
A9	9 x 8	72	CC2
A10	10 x 28	280	-
A11	11 x 19	209	-
A12	6 x 11	66	-




HFS1 ROOF SCAN OVERVIEW 

- SCAN NOTES:
- GRAY ROOF INDICATES AREA NOT SCANNED
 - SUSPECTED MOISTURE AREAS SHADED RED
 - SUSPECTED MOISTURE READINGS SHOWN ON GRID
 - NUCLEAR READINGS TAKEN ON A-'x-' GRID
 - CC# = CORE CUT NUMBER, P# = PROBE NUMBER
 - DATE OF SCAN : 07.15.2019

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BALTIMORE

UNIVERSITY OF MARYLAND
BALTIMORE (HFS1)
685 W. BALTIMORE ST.
BALTIMORE, MD 21201

TITLE: BUILDING ROOF - MOISTURE SCAN

	INFRARED PREDICTIVE SURVEYS INCORPORATED	DRAWN BY: AJR	DATE DRAWN: 07/23/19	REV: 0	SHEET NO. 715A
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C	04/15/92	OWNER REVIEW
B	02/07/92	50% CONT. DOCUMENT

Rev	Date	Remarks

Project Number: 87-016

CUH2A 470-02 ASC 09020

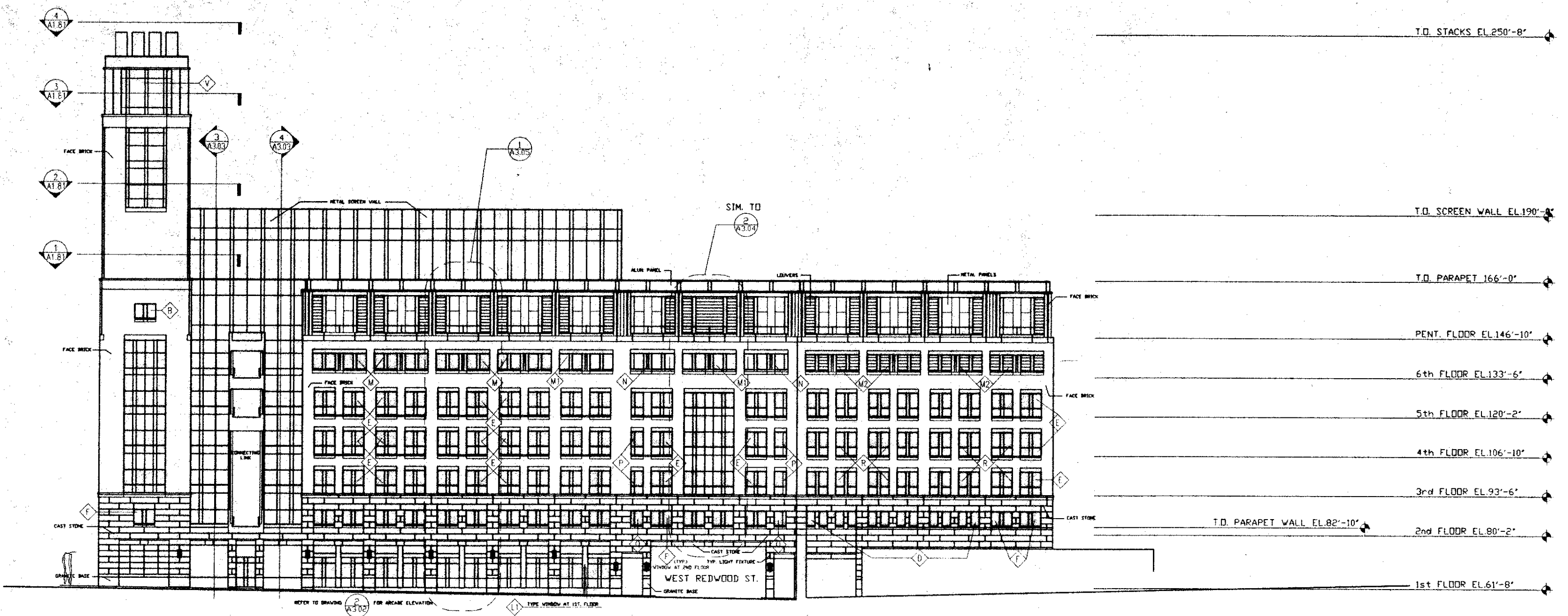
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Project: UMAB HEALTH SCIENCES FACILITY

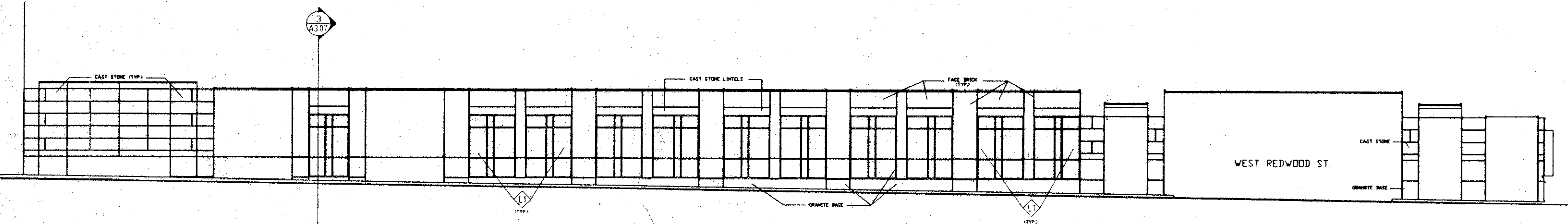
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Drawing Number: A3.02

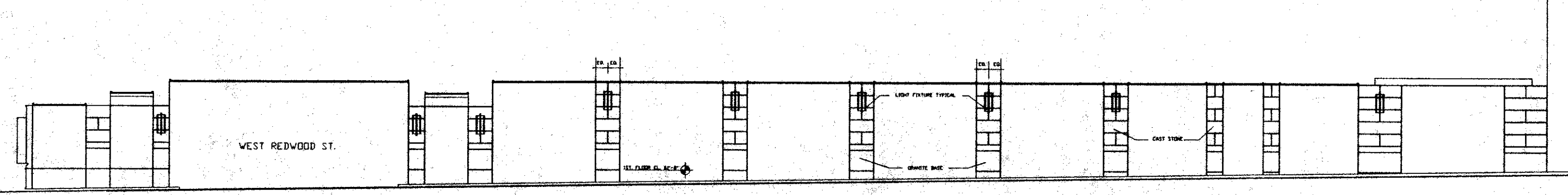
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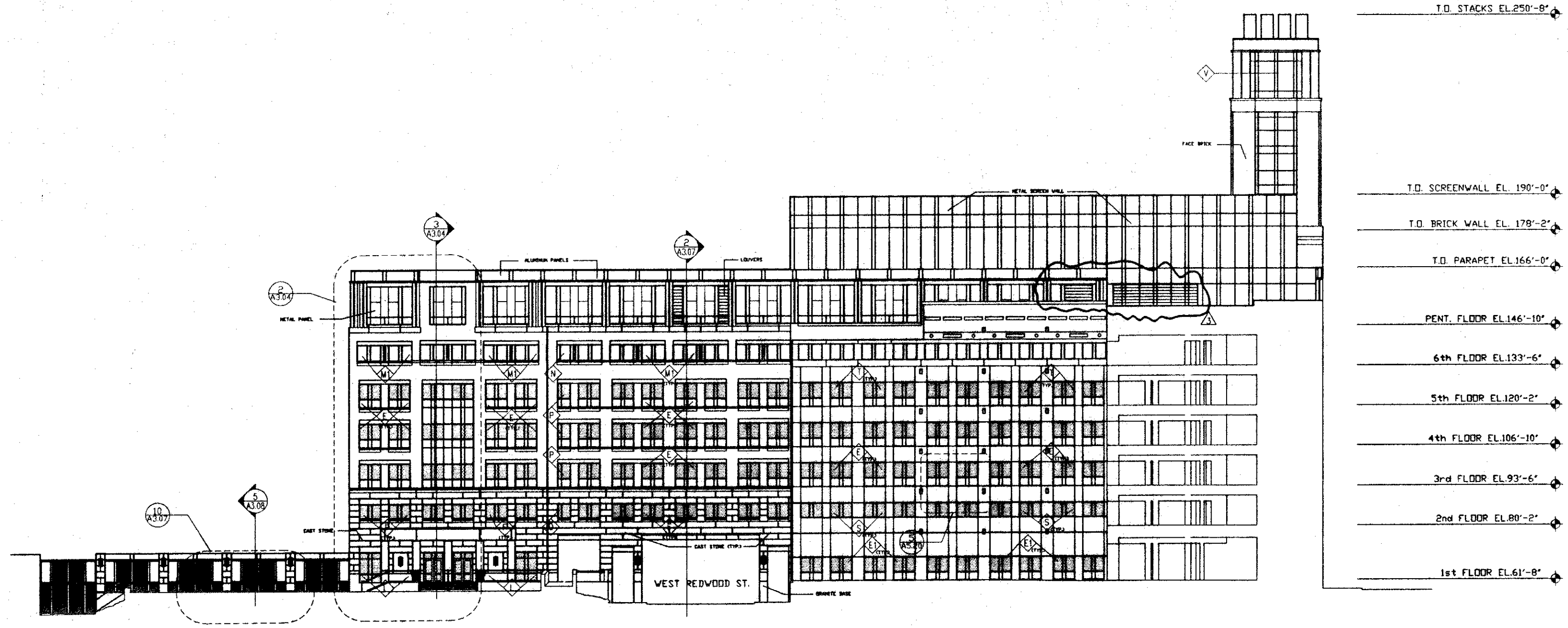
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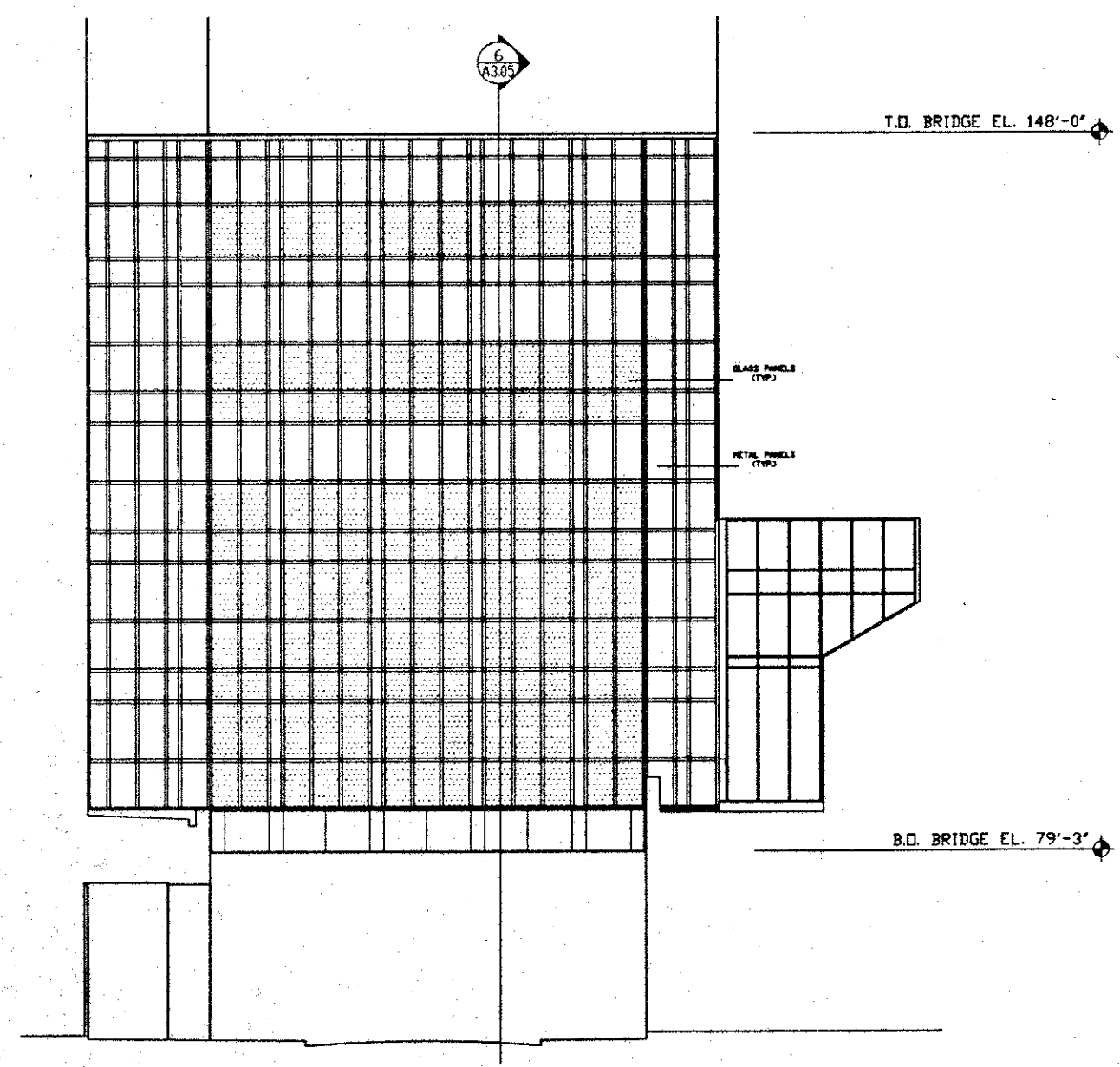
2 ARCADE-WEST ELEVATION
SCALE 1/8"=1'-0" RE: A3.02, A3.05



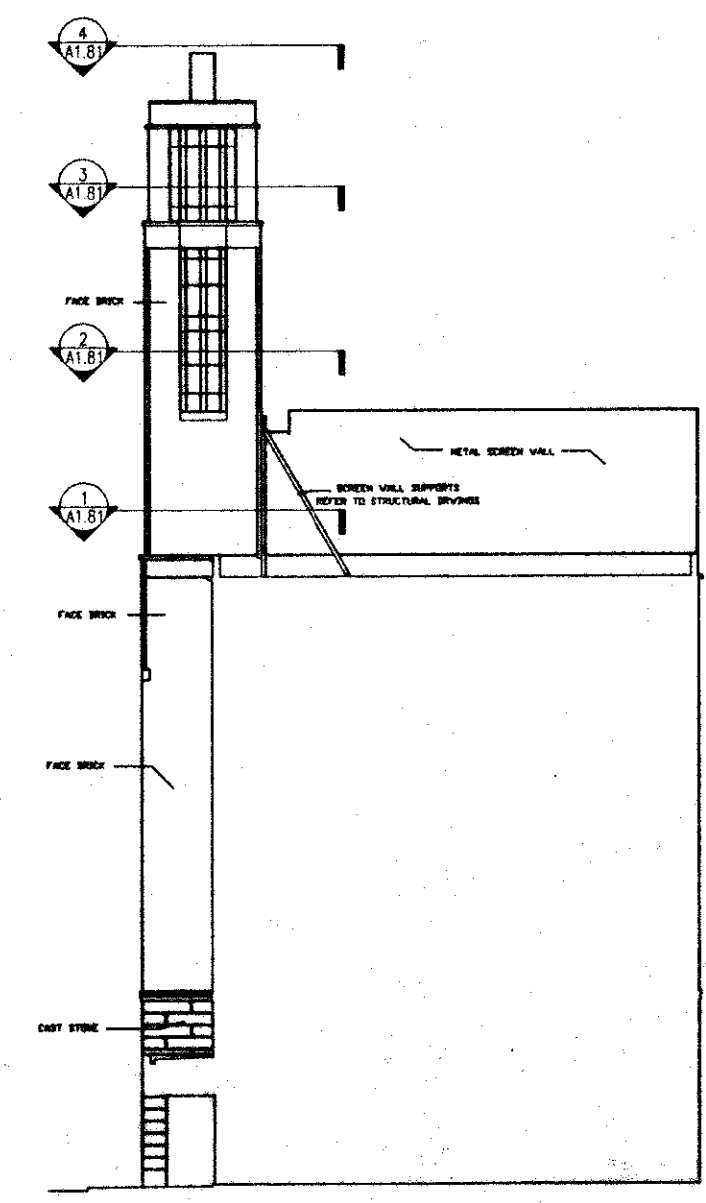
3 ARCADE-EAST ELEVATION
SCALE 1/8"=1'-0" RE: A3.05



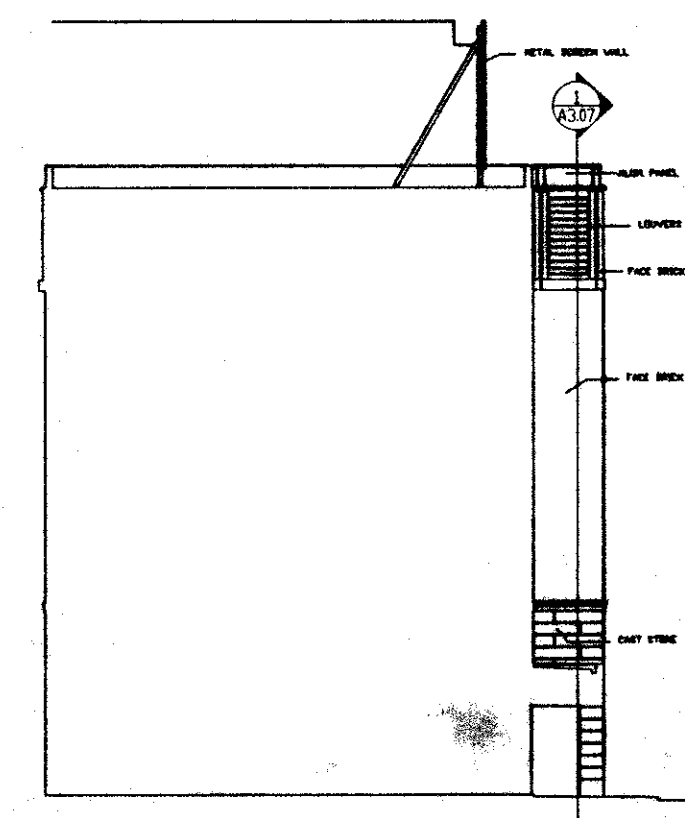
1 EAST ELEVATION
SCALE 1/8"=1'-0"



2 CONNECTING LINK
SCALE 1/8"=1'-0" REF: A301



3 PARTIAL SOUTH ELEVATION
SCALE 1/8"=1'-0" REF: A302



4 PARTIAL NORTH ELEVATION
SCALE 1/8"=1'-0" REF: A302

1807

UMAB

HEALTH SCIENCES FACILITY

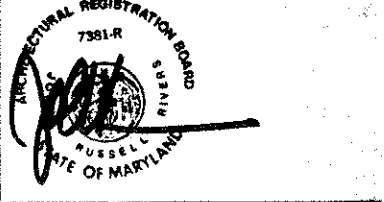
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CUH2A **AYERS SAINT GROSS**

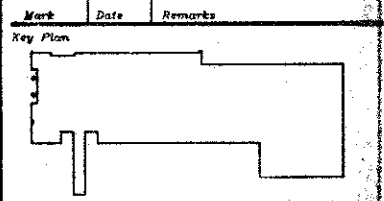
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Project Numbers
UMAB 87-016
CUH2A 470-02 ASS 09020

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Drawing Title BUILDING ELEVATIONS

A3.05



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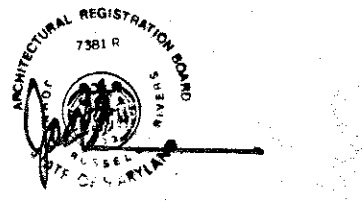
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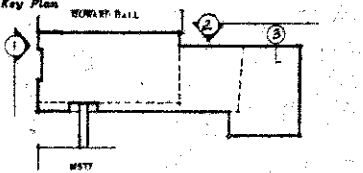
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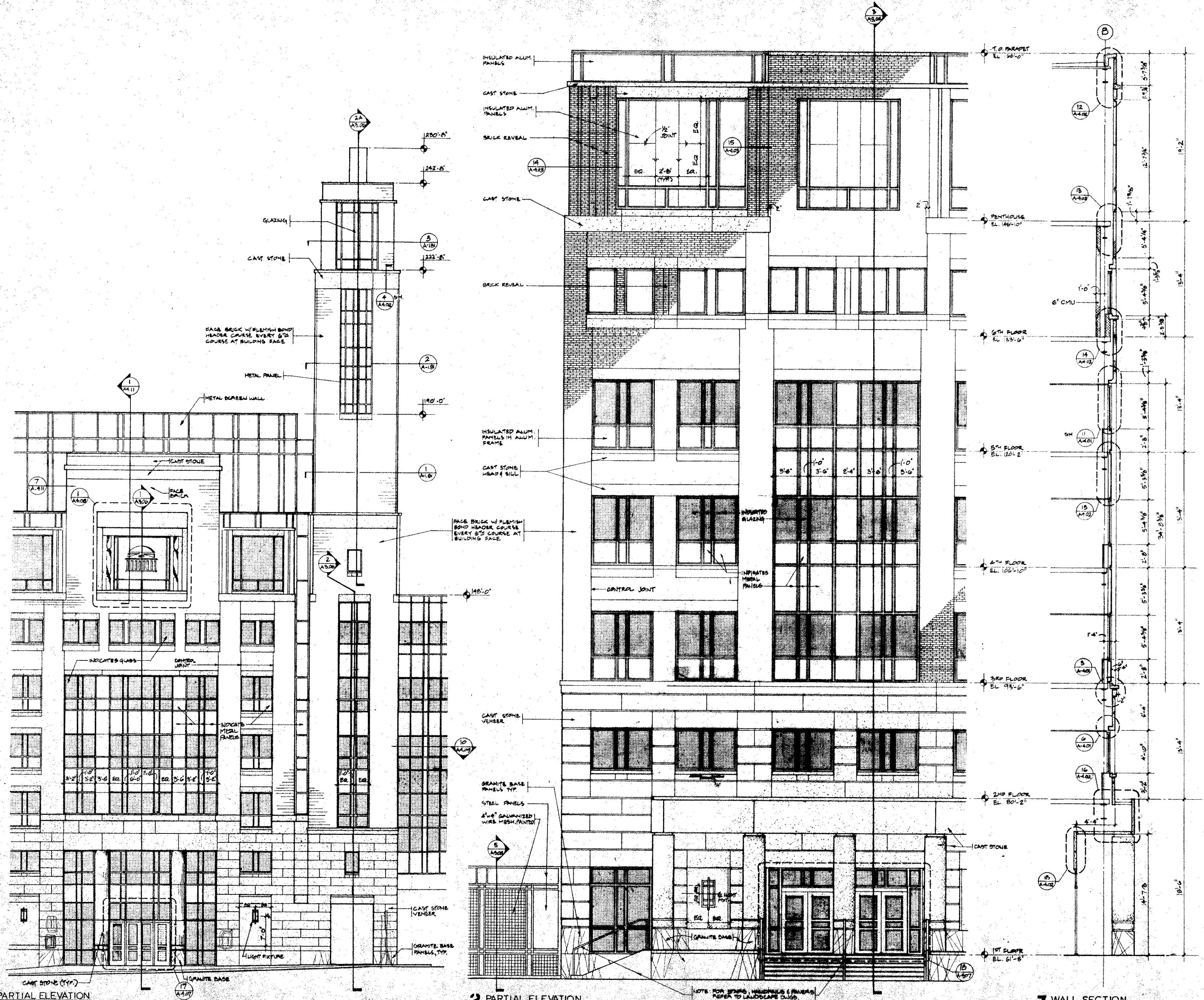


Project Numbers	UMAB 87-016
CUH2A 470-02	ASC 09020
Scale	AS NOTED
Drawn by	EC
Checked by	MG

Project
UMAB HEALTH SCIENCES FACILITY
Drawing Title
EXTERIOR ELEVATIONS / SECTIONS

Drawing Number

A3.04

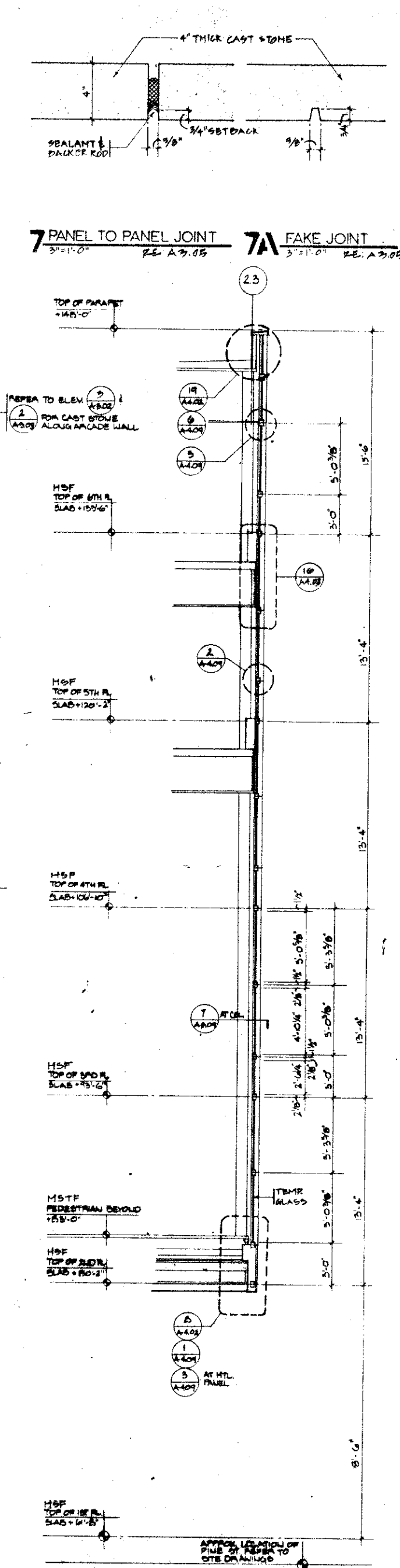
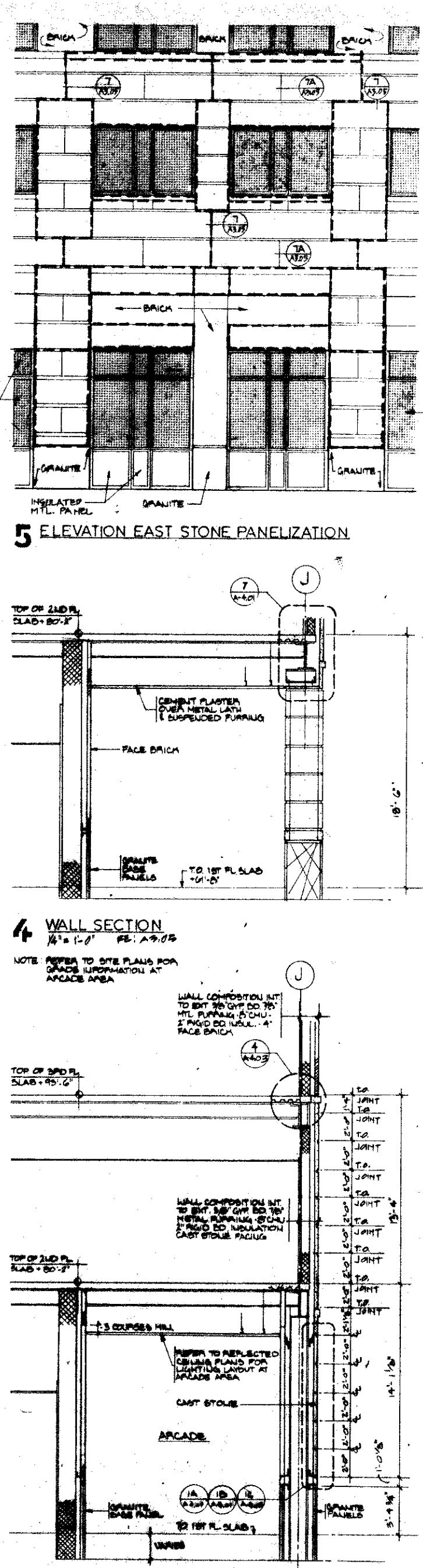
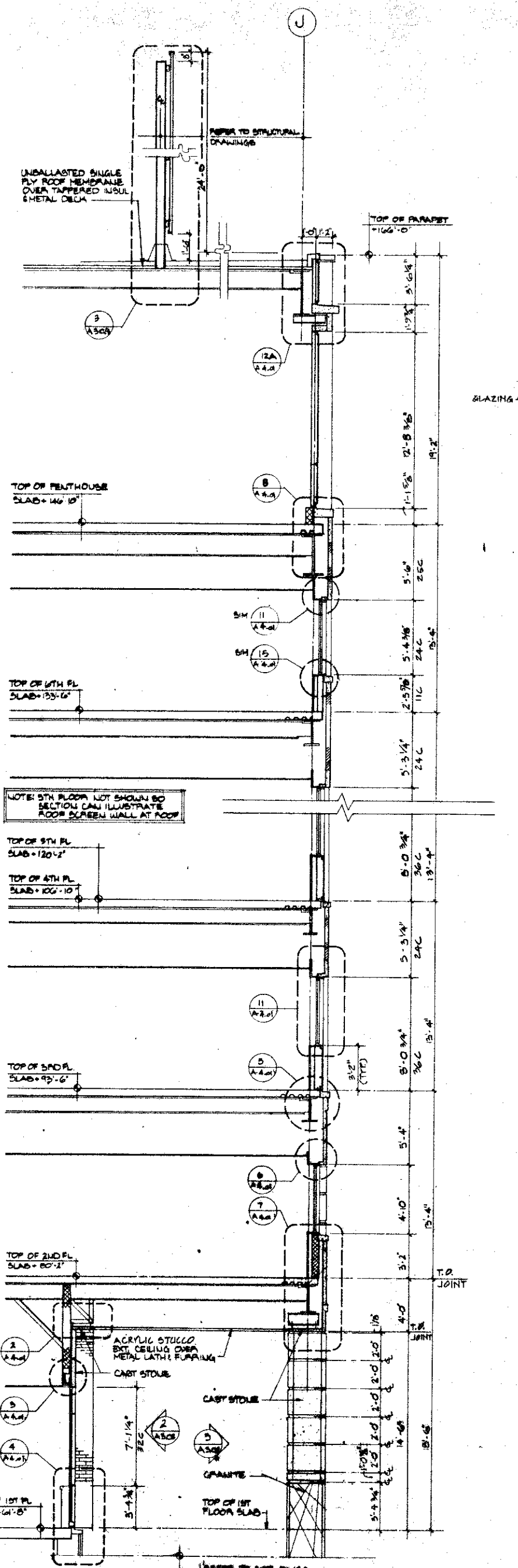
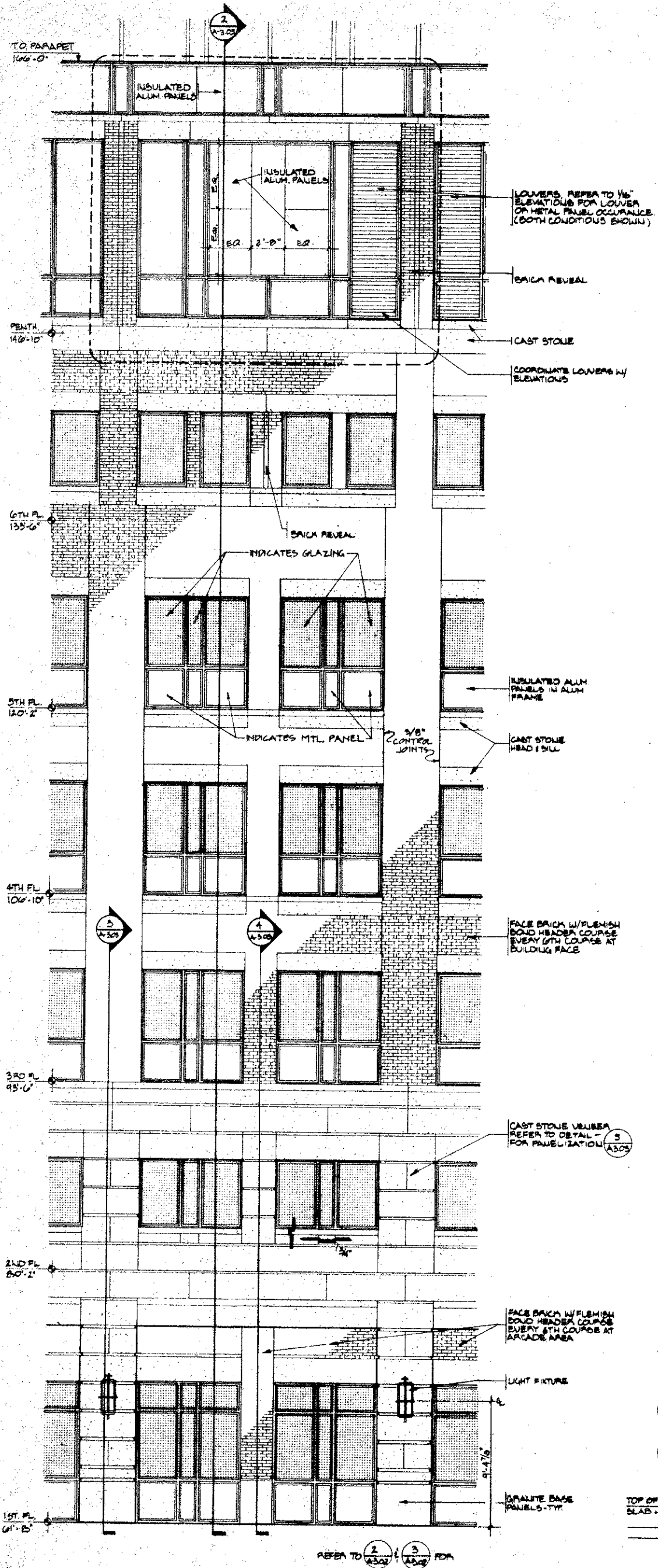


PARTIAL ELEVATION
1/8" = 1'-0"
SS: A3.01

PARTIAL ELEVATION
1/4" = 1'-0"
SS: A3.02, A3.03

WALL SECTION
1/4" = 1'-0"
SS: A3.03, A3.04

NOTE FOR STAIRS, HANDRAILS & BENCHES REFER TO LANDSCAPE DIAG.



TO PARAPET +146'-0"

INSULATED ALUM. PANELS

LOUVERS REFER TO 1/4" ELEVATIONS FOR LOUVER OR METAL PANEL OCCURRENCE (BOTH CONDITIONS SHOWN)

CAST STONE

COORDINATE LOUVERS W/ ELEVATIONS

INDICATES GLAZING

INDICATES MTL. PANEL

FACE BRICK W/ FLEMISH BOND HEADER COURSE EVERY 6TH COURSE AT BUILDING FACE

CAST STONE VERRIER REFER TO DETAIL FOR PANELIZATION

LIGHT FIXTURE

GRANITE BASE PANELS - TYP.

REFER TO 1/4" ELEVATIONS AT ARCADE

UNBALLASTED SINGLE PLY ROOF MEMBRANE OVER TAPERED INSUL. METAL DECK

TOP OF PARAPET +166'-0"

TOP OF PENTHOUSE SLAB +146'-10"

TOP OF 6TH FL. SLAB +135'-6"

TOP OF 5TH FL. SLAB +120'-2"

TOP OF 4TH FL. SLAB +100'-2"

TOP OF 3RD FL. SLAB +80'-2"

TOP OF 2ND FL. SLAB +60'-2"

TOP OF 1ST FL. SLAB +61'-0"

FACE BRICK W/ FLEMISH BOND HEADER COURSE EVERY 6TH COURSE AT BUILDING FACE

ACRYLIC STILLED BY CEILING OVER METAL LATH & FLASHING

CAST STONE

GRANITE

REFER TO SITE DRAWING FOR OVERWALK ELEVATION

1/4" CURVED HILL

REFER TO REFLECTED CEILING PLANS FOR LIGHTING LAYOUT AT ARCADE AREA

CAST STONE

GRANITE

TO 1ST FL. SLAB +61'-0"

W/ PERS.

REFER TO SITE DRAWING FOR OVERWALK ELEVATION

4" THICK CAST STONE

SEALANT & PACKER ROD

7 PANEL TO PANEL JOINT

7A FAKE JOINT

TOP OF PARAPET +146'-0"

REFER TO ELEV. 2 FOR CAST STONE ALONG ARCADE WALL

HSF TOP OF 2ND FL. SLAB +80'-2"

HSF TOP OF 3RD FL. SLAB +95'-6"

HSF TOP OF 4TH FL. SLAB +100'-2"

HSF TOP OF 5TH FL. SLAB +120'-2"

HSF TOP OF 6TH FL. SLAB +135'-6"

TOP OF PARAPET +146'-0"

APPROX. LOCATION OF CURVE TO OVERWALK TO SITE DRAWING

1807

U M A B

HEALTH SCIENCES FACILITY

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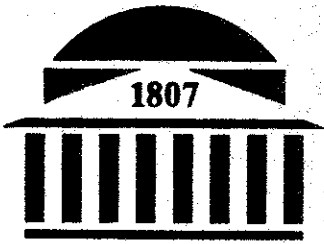
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No.	Date	Revision

Project Numbers	Scale	Drawn by	Checked by
87-016	1/4" = 1'-0"	EC/PS	MAC

UMAB HEALTH SCIENCES FACILITY
 Drawing Title
EXTERIOR ELEVATIONS / SECTIONS
 Drawing Number

A-3.05



UMAB
HEALTH SCIENCES FACILITY

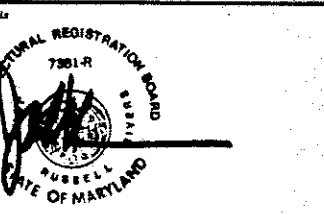
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3	7-20-92	155UE 5	
7	7-2-92	155UE 2	
	8-11-92	155UE 1	
C	04-15-92	OWNER REVIEW	
D	01-07-92	60% CONTRACT DOCUMENTS	

Project Number
 UMAB 87-016

CUH2A 470-02 ASE 09020

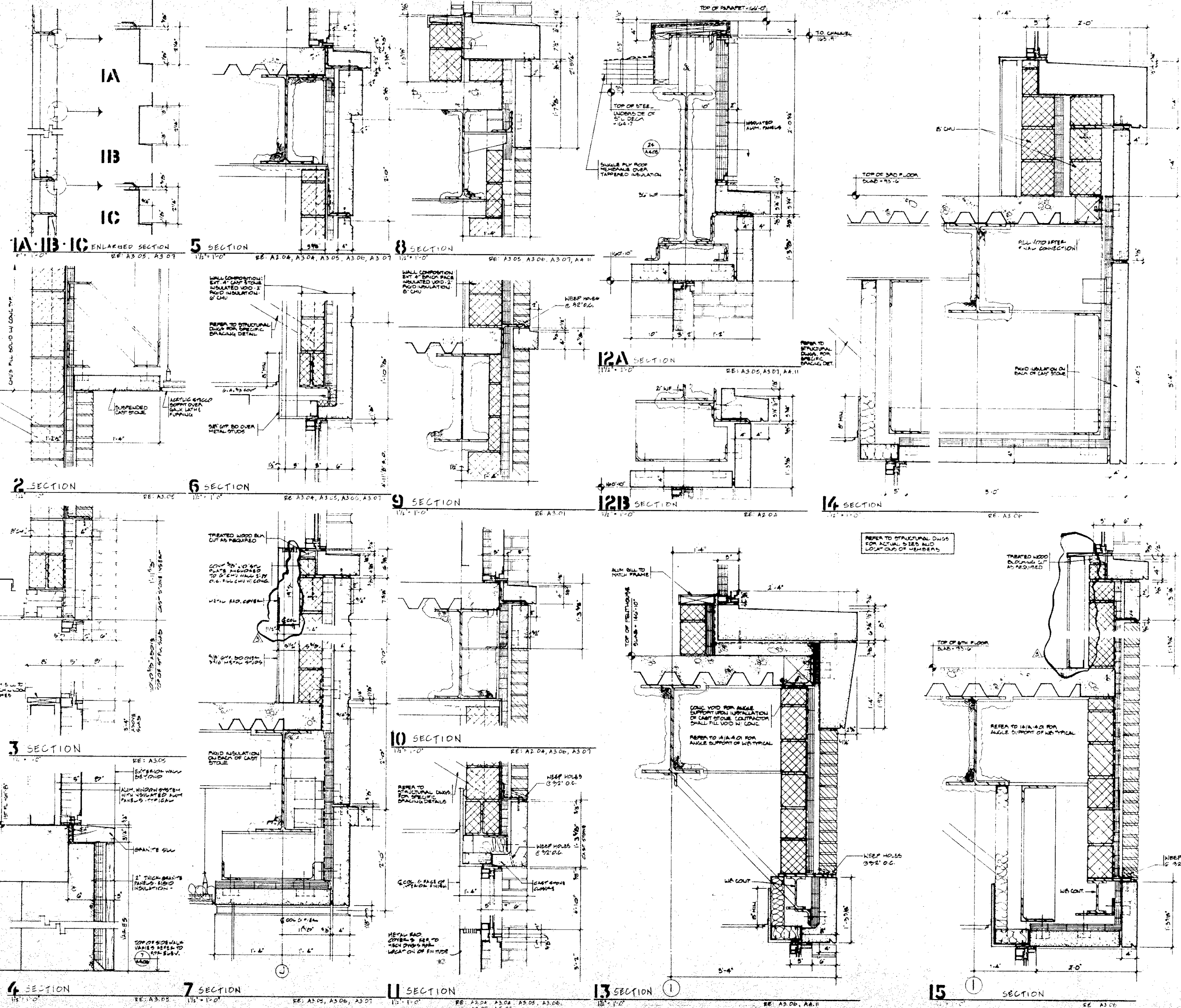
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Project
 UMAB HEALTH SCIENCES FACILITY

Drawing Title
 EXTERIOR DETAILS

Drawing Number

A4.01



1A-1B-1C ENLARGED SECTION
 RE: A3.05, A3.07

5 SECTION
 RE: A2.04, A3.04, A3.05, A3.06, A3.07

8 SECTION
 RE: A3.05, A3.06, A3.07, A4.11

12A SECTION
 RE: A3.05, A3.07, A4.11

14 SECTION
 RE: A3.06

2 SECTION
 RE: A3.05

6 SECTION
 RE: A3.04, A3.05, A3.06, A3.07

9 SECTION
 RE: A3.01

12B SECTION
 RE: A2.04

14 SECTION
 RE: A3.06

3 SECTION
 RE: A3.05

7 SECTION
 RE: A3.05, A3.06, A3.07

10 SECTION
 RE: A2.04, A3.06, A3.07

13 SECTION
 RE: A3.06, A4.11

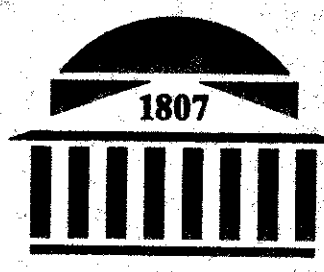
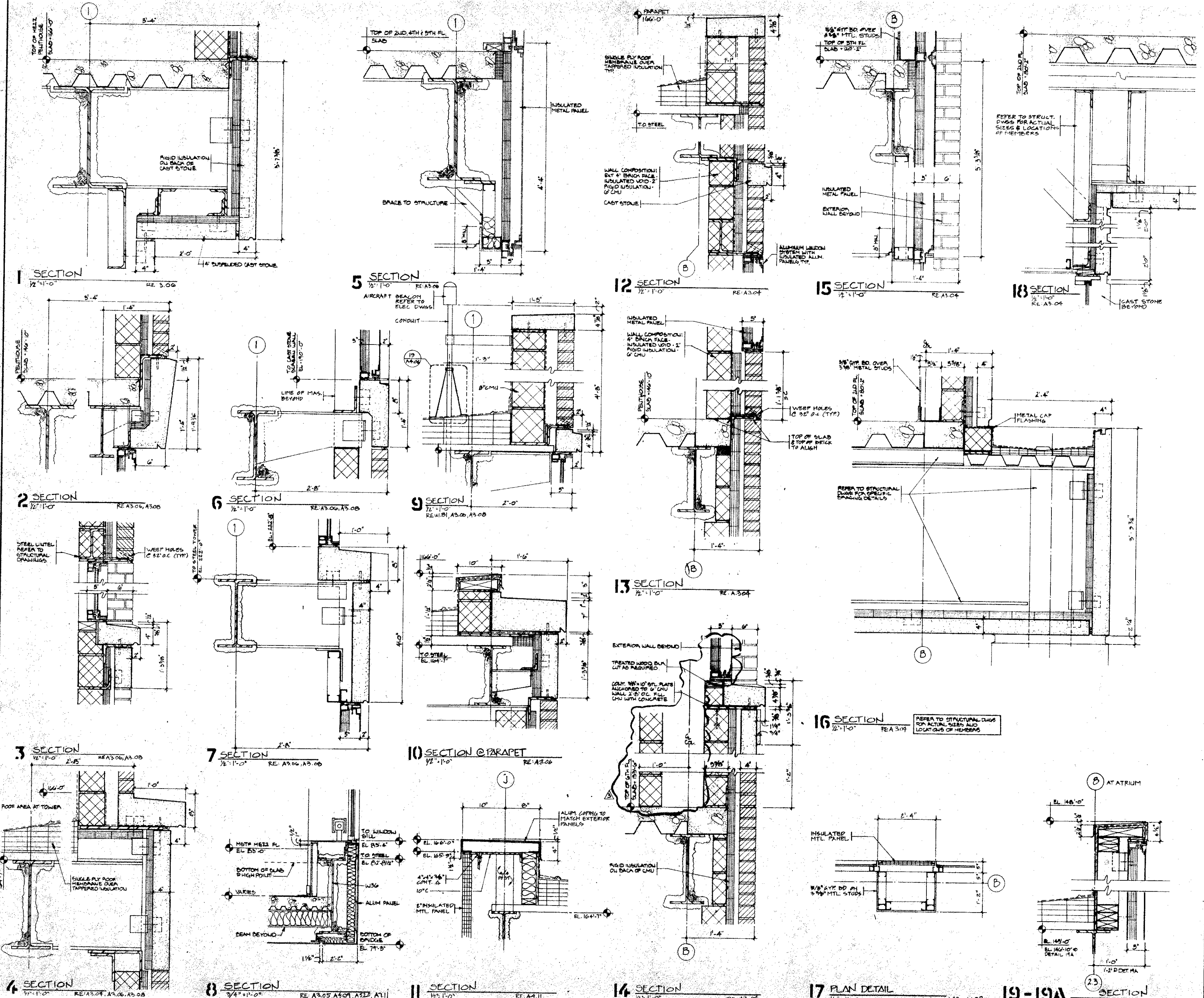
4 SECTION
 RE: A3.05

7 SECTION
 RE: A3.05, A3.06, A3.07

11 SECTION
 RE: A3.04, A3.04, A3.05, A3.06, A3.07, A3.22

13 SECTION
 RE: A3.06, A4.11

15 SECTION
 RE: A3.06



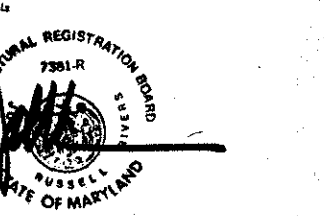
UMAB
HEALTH SCIENCES FACILITY
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21201 1041

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C	04-15-92	04UEA REVIEW	

Work Date Remarks

Key Plan

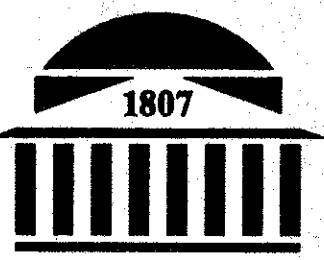
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UMAB 87-016

CUH2A 470-02 ASG 09020
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Checked by MAC

Project
UMAB HEALTH SCIENCES FACILITY
Drawing Title
EXTERIOR DETAILS

Drawing Number

A-402



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2	7-1-92	ISSUE 2
1	6-1-92	ISSUE 1
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Project Numbers
UMAB 87-016

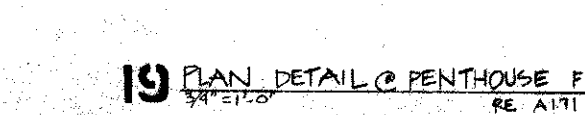
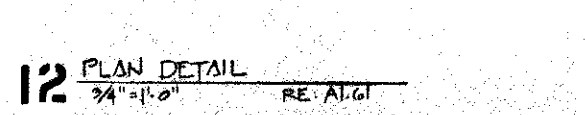
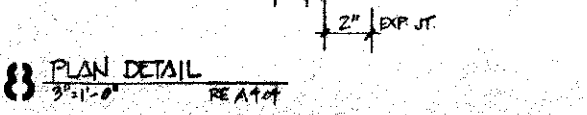
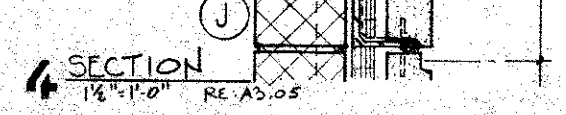
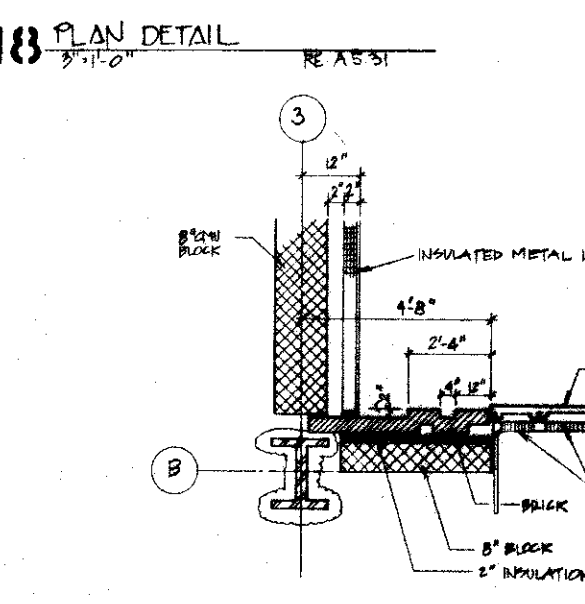
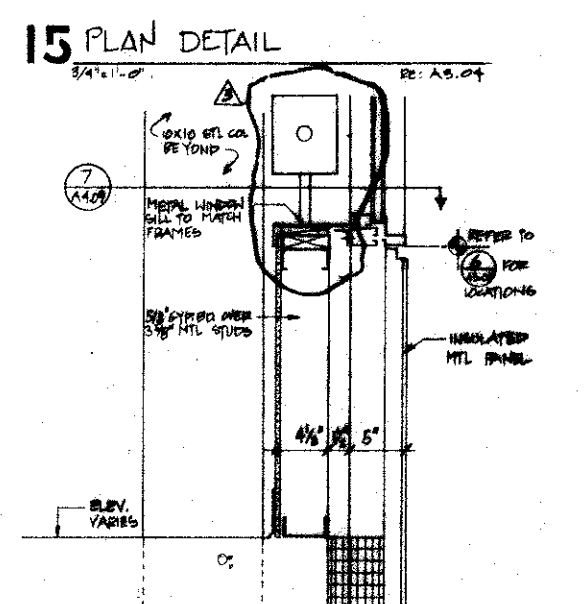
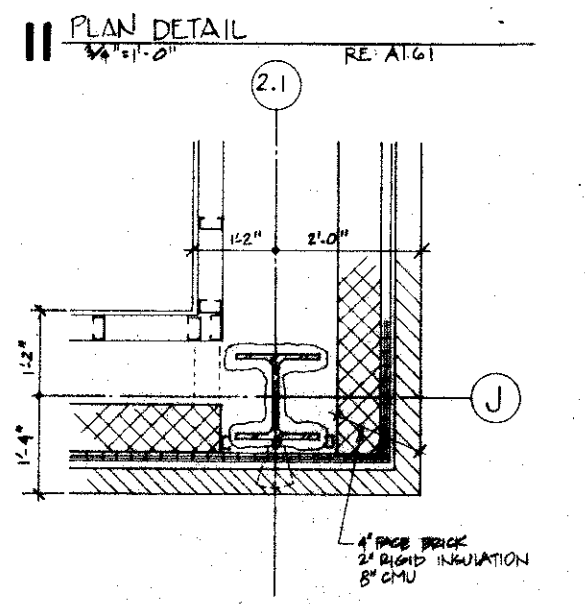
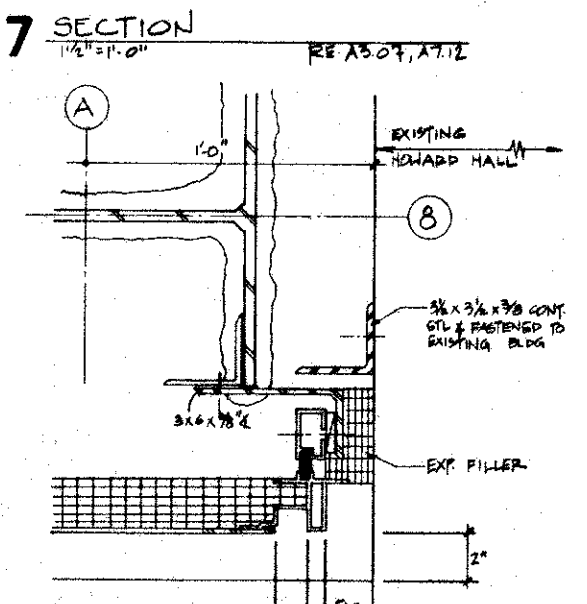
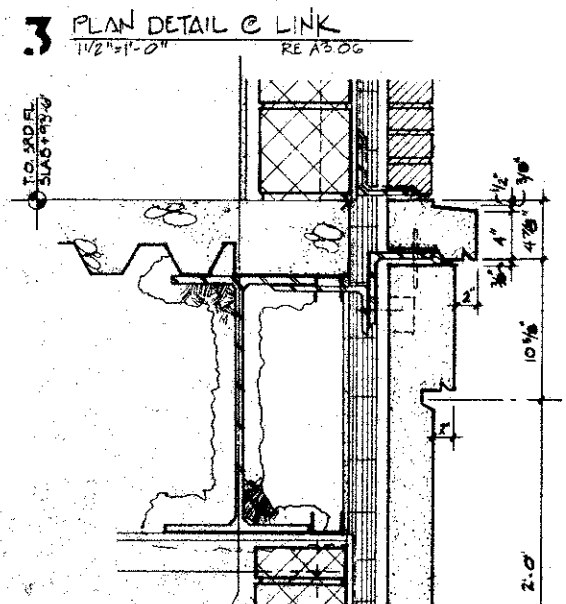
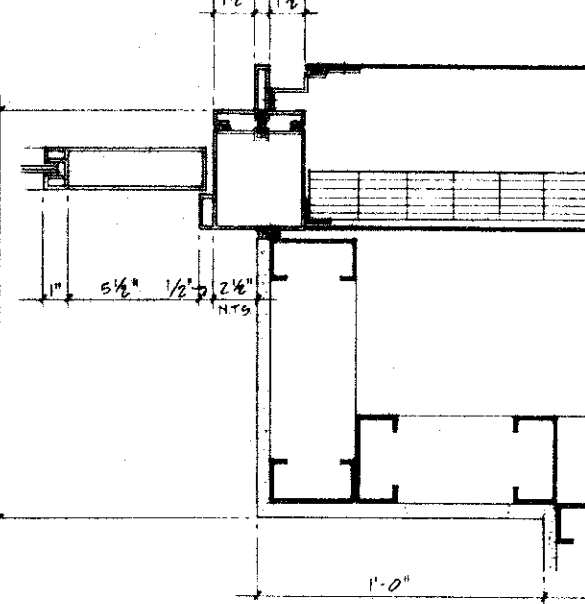
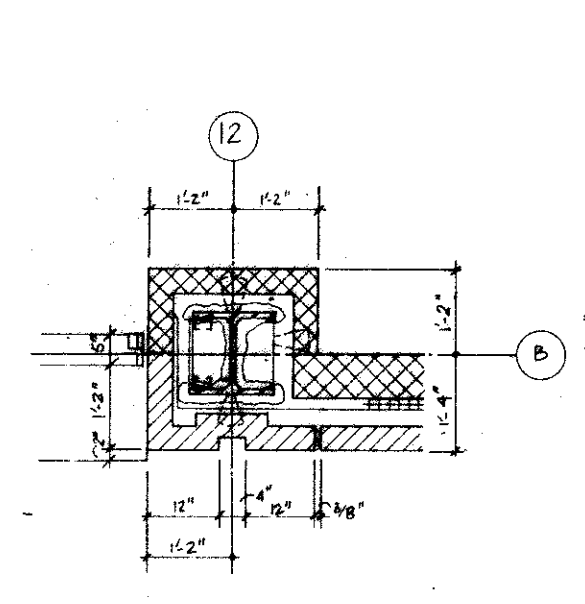
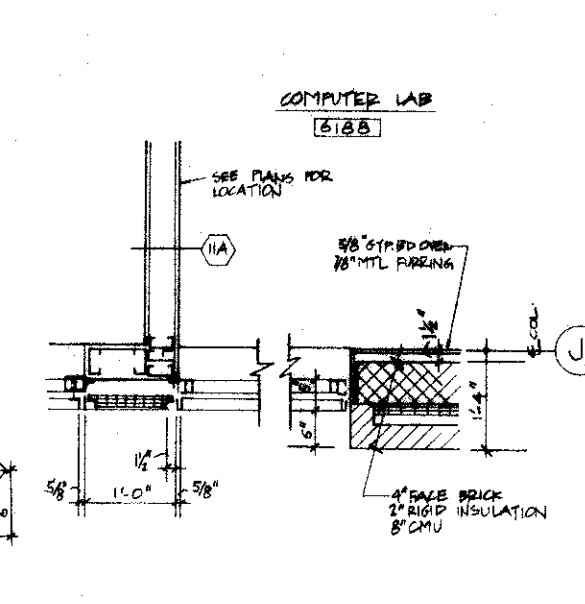
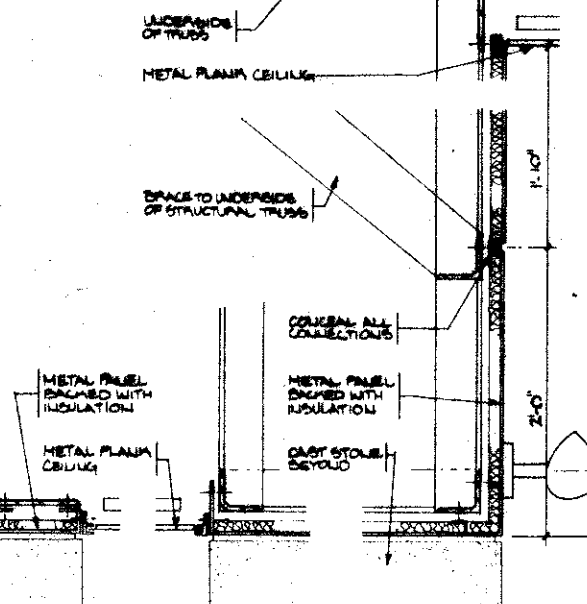
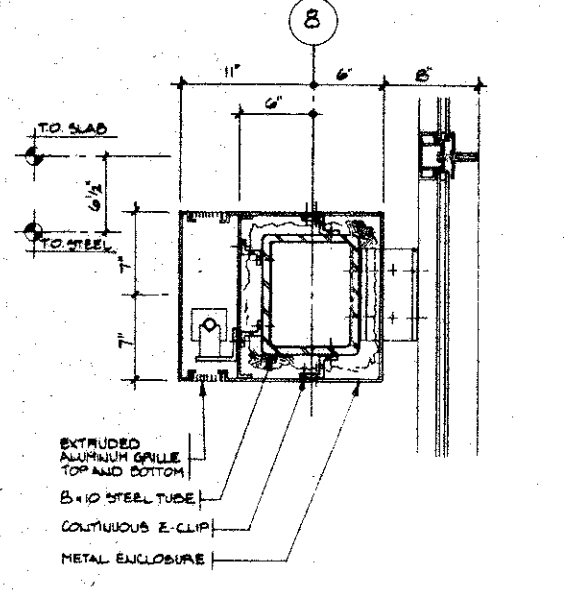
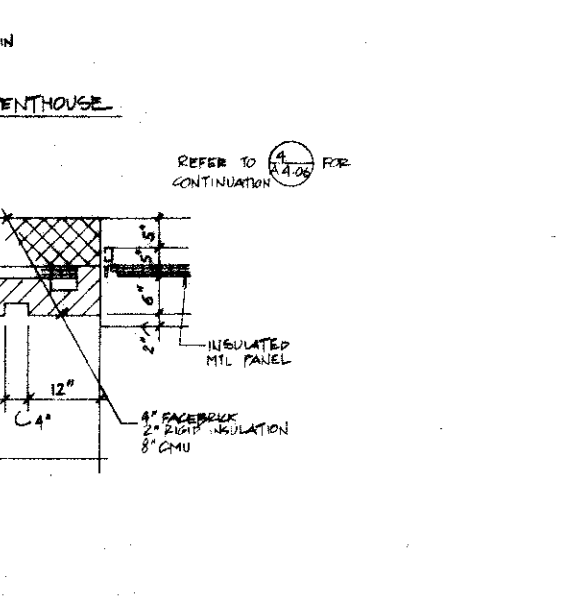
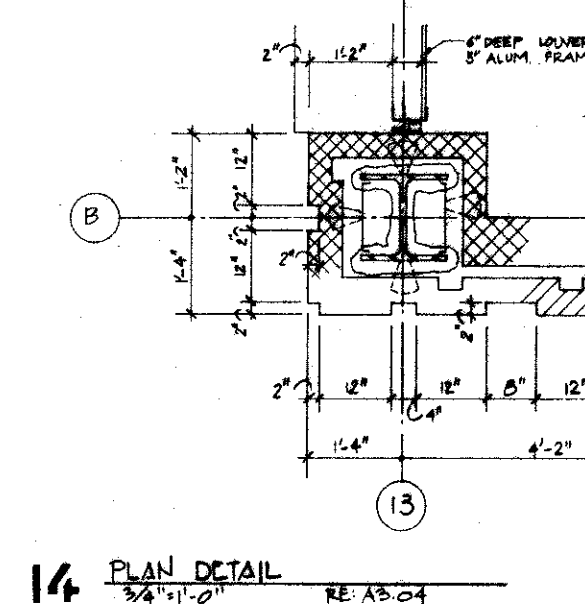
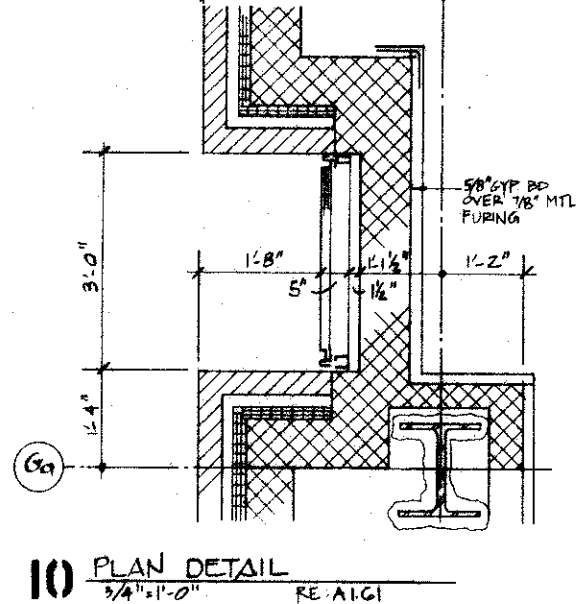
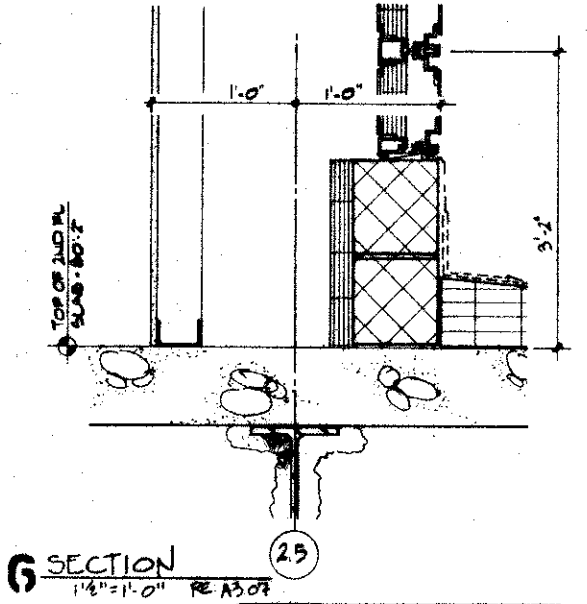
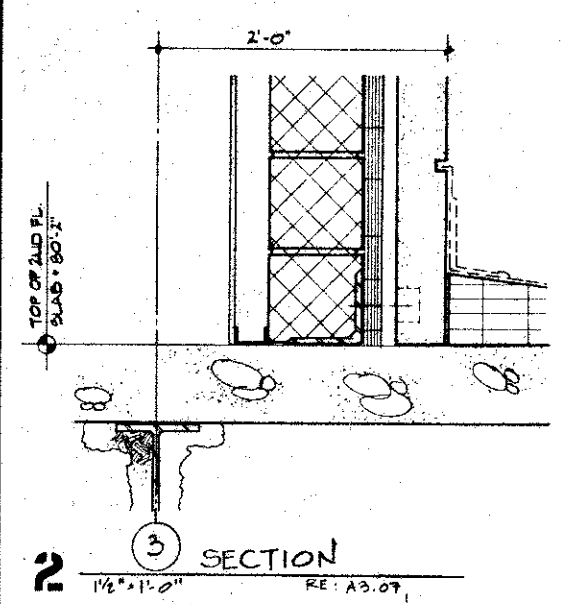
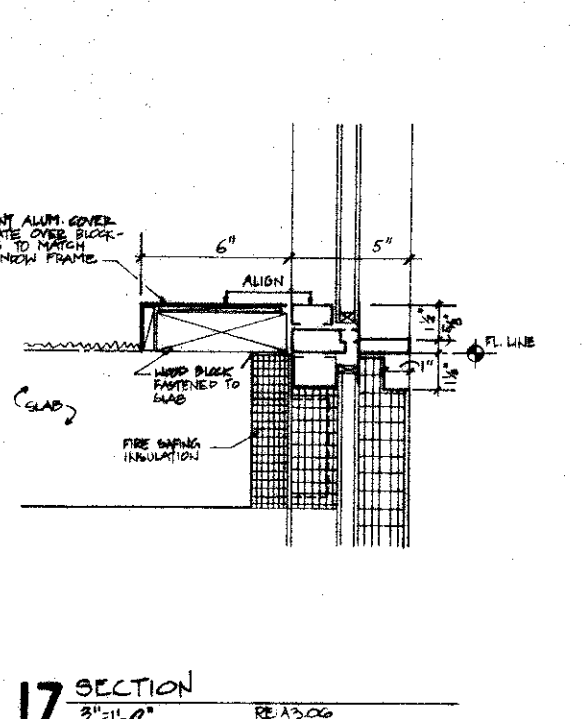
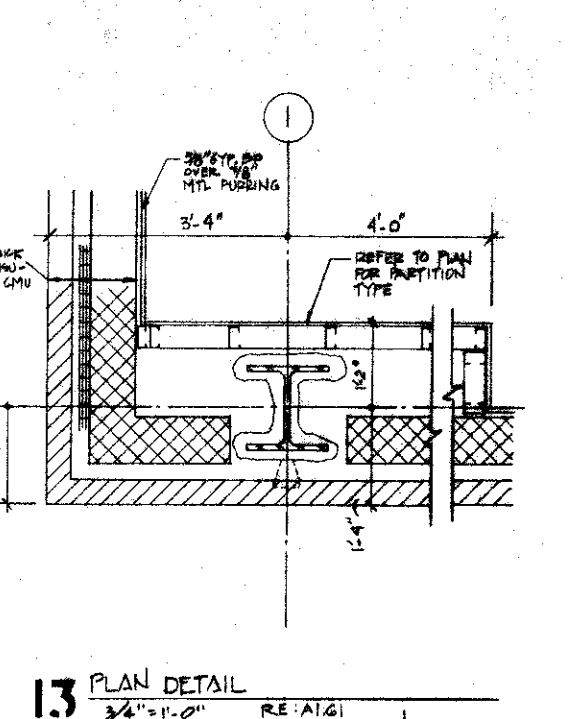
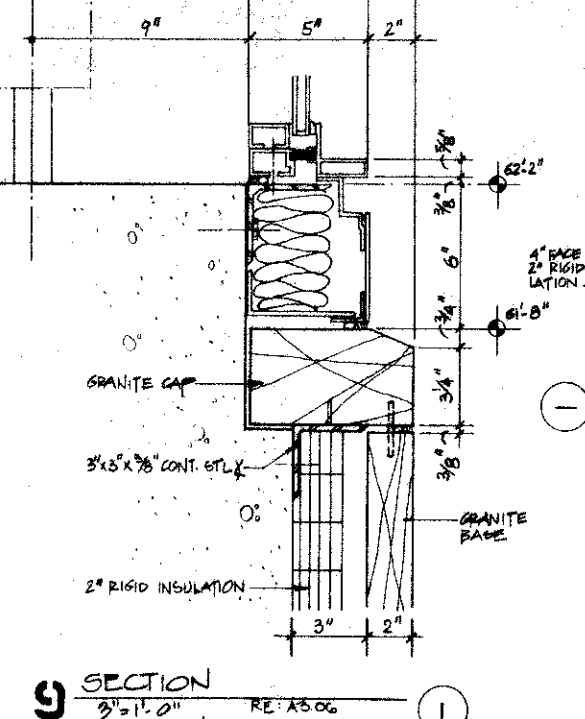
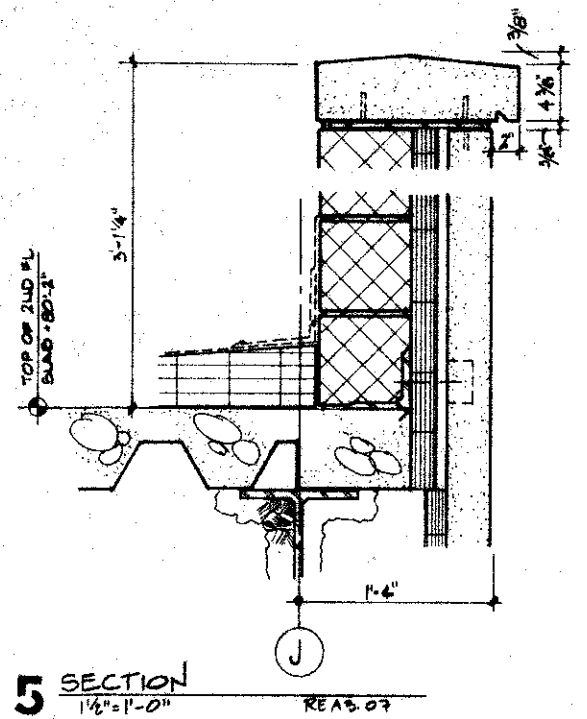
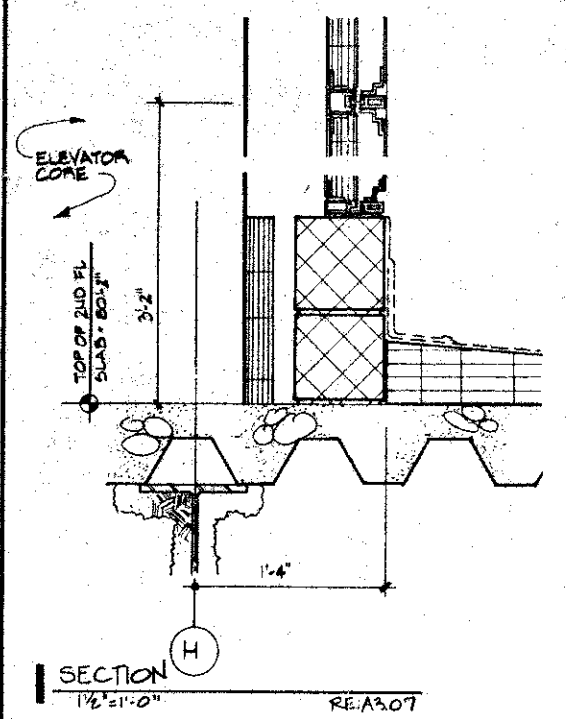
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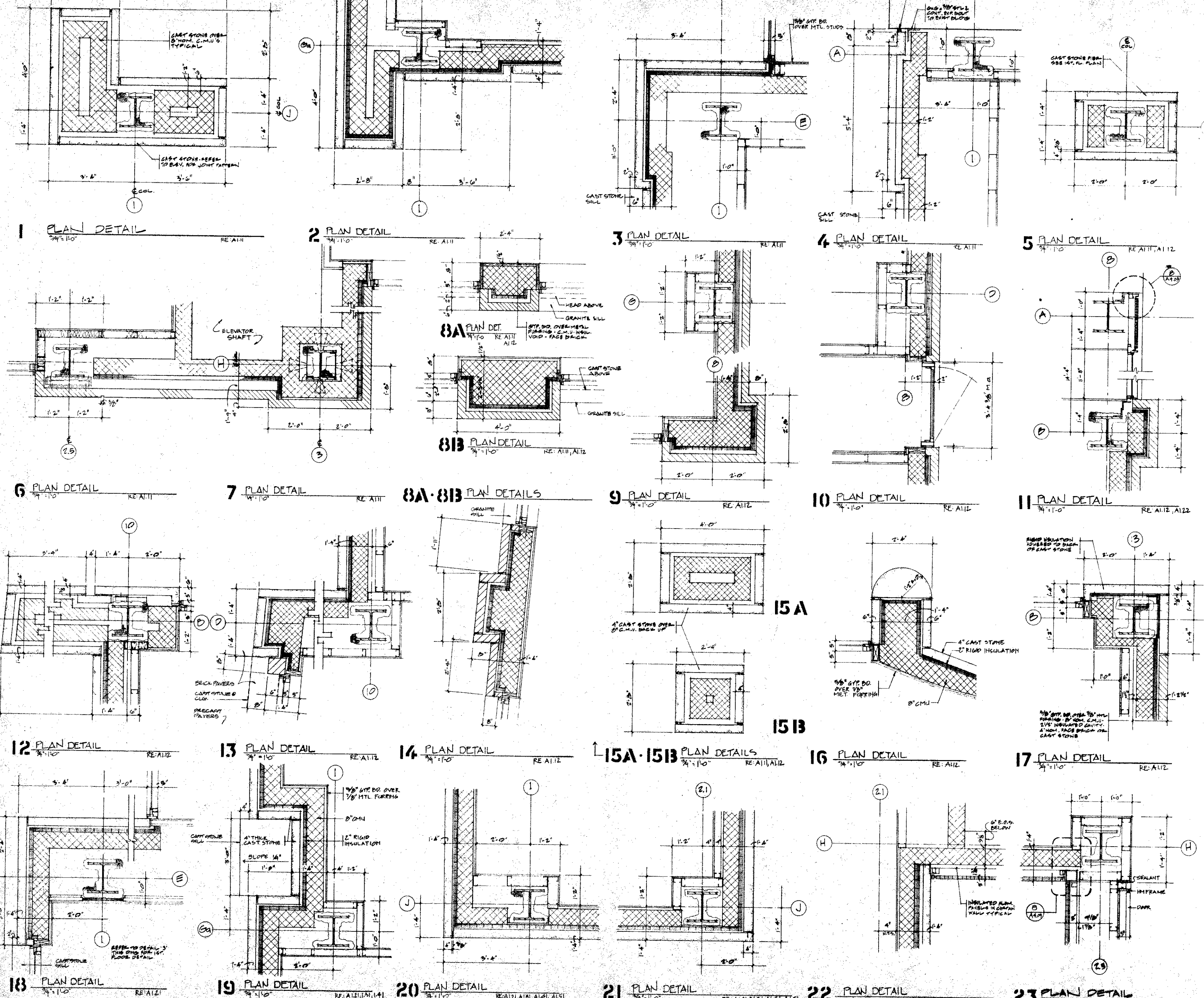
Project
UMAB HEALTH SCIENCES FACILITY

Drawing Title
EXTERIOR DETAILS

Drawing Number

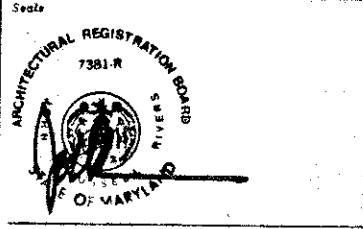
A-4.03





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Rev	Date	Description
2	7-2-92	ISSUE 2
1	2-12-92	ISSUE 1
C	4/15/92	OWNER REVIEW
D	08-27-92	SOME CONTRACT DRAWINGS

Mark Date Remarks

Key Plan

Project Number
UMAB 87-016

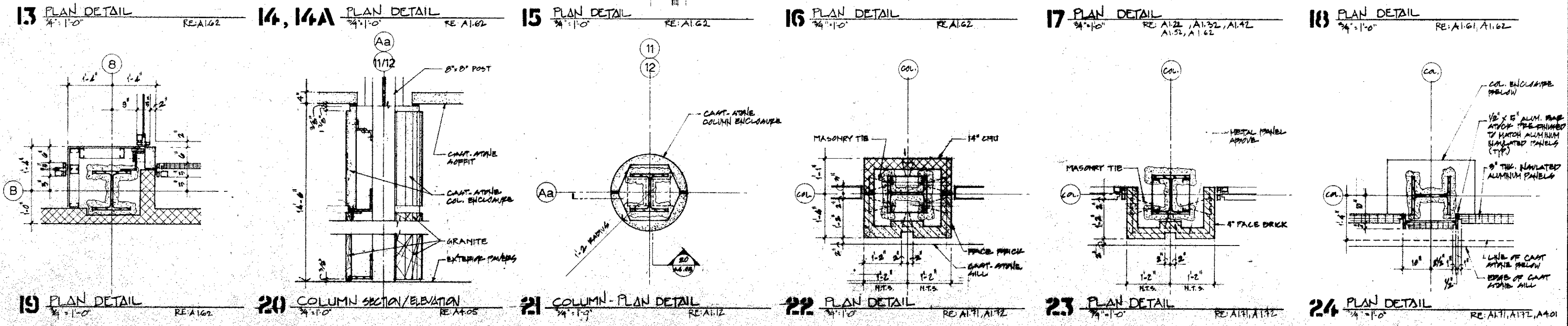
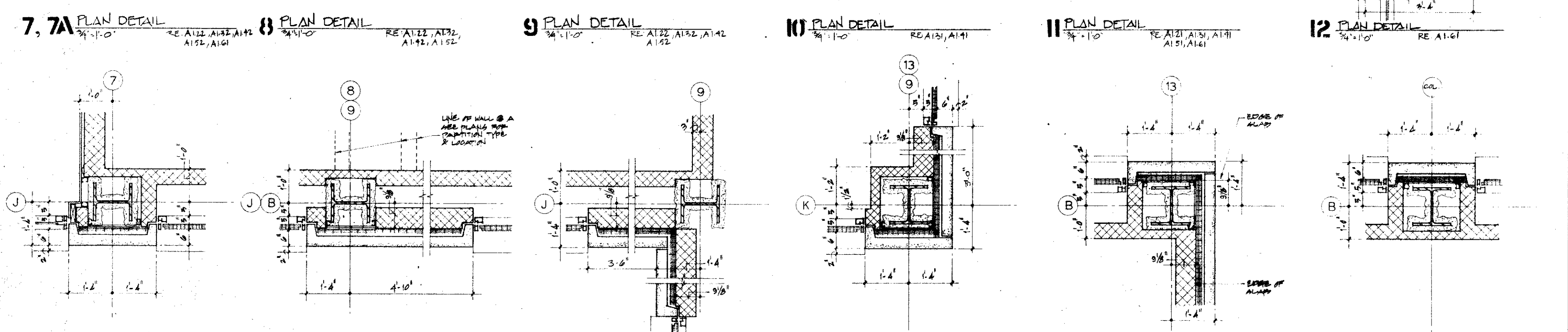
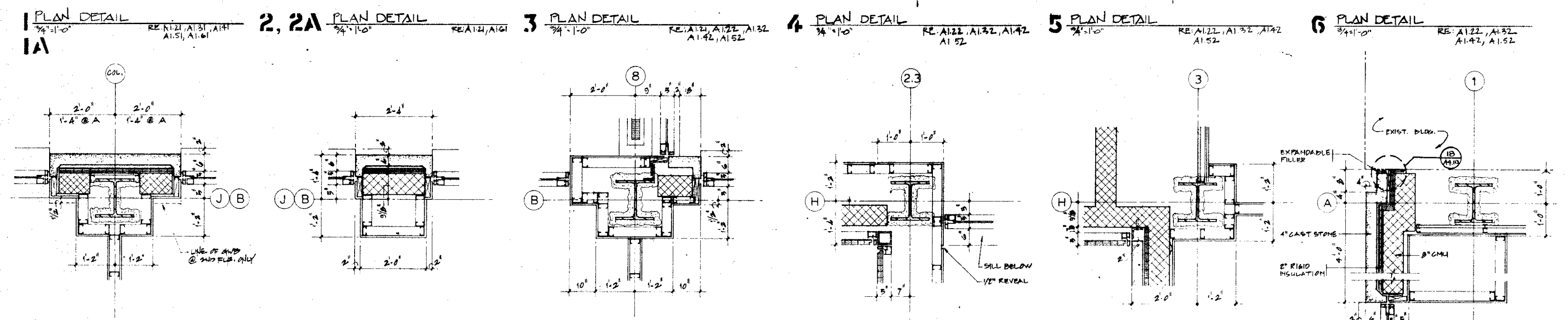
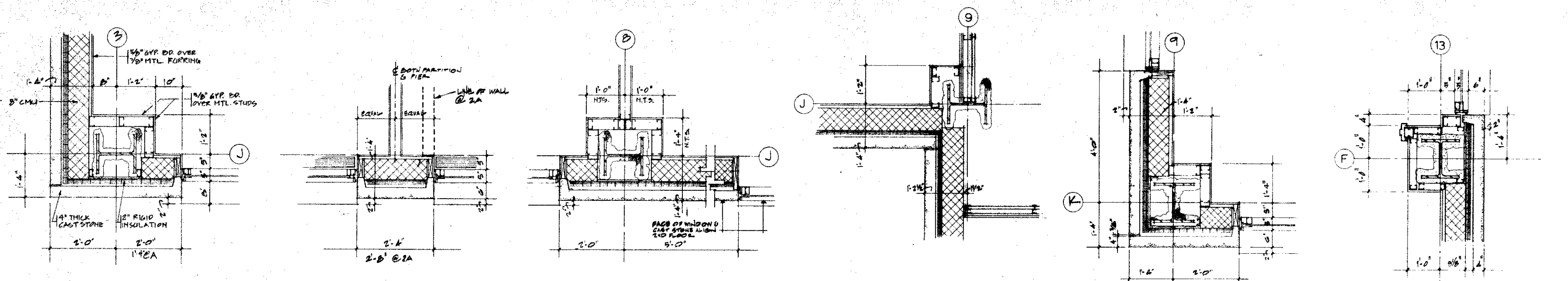
CUH2A 470-02 ASC 09020

Scale 3/4" = 1'-0" Drawn by Checked by
MAC

Project
UMAB HEALTH SCIENCES FACILITY

Drawing Title
EXTERIOR DETAILS

Drawing Number



1807

UMAB

HEALTH SCIENCES FACILITY

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

CUH2A **AYERS SAINT GROSS**

600 Alexander Road Princeton, New Jersey 08543 609 452 1212
222 St. Paul Place Baltimore, Maryland 21202 410 528 2091
301 347 8500

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Seals

7381 R

ARCHITECTURAL REGISTRATION BOARD STATE OF MARYLAND

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Rev	Date	By	Check	Remarks
1	7-2-92	ISSUE 2		
2	8-24-92	94081		
3	4/5/92	ONWARD REVISEN		
4	01-01-92	SOFT COPY FILE DOCUMENTS		

Project Number: **UMAB 87-016**

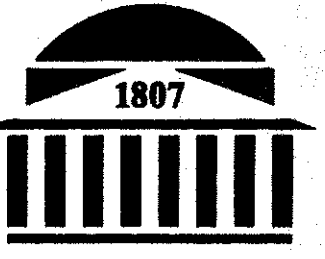
CUH2A **470-02** ASC **09020**

Scale: **3/4" = 1'-0"** Drawn by: **AA** Checked by: **MAC**

Project: **UMAB HEALTH SCIENCES FACILITY**

Drawing Title: **EXTERIOR DETAILS**

Drawing Number: **A4.05**



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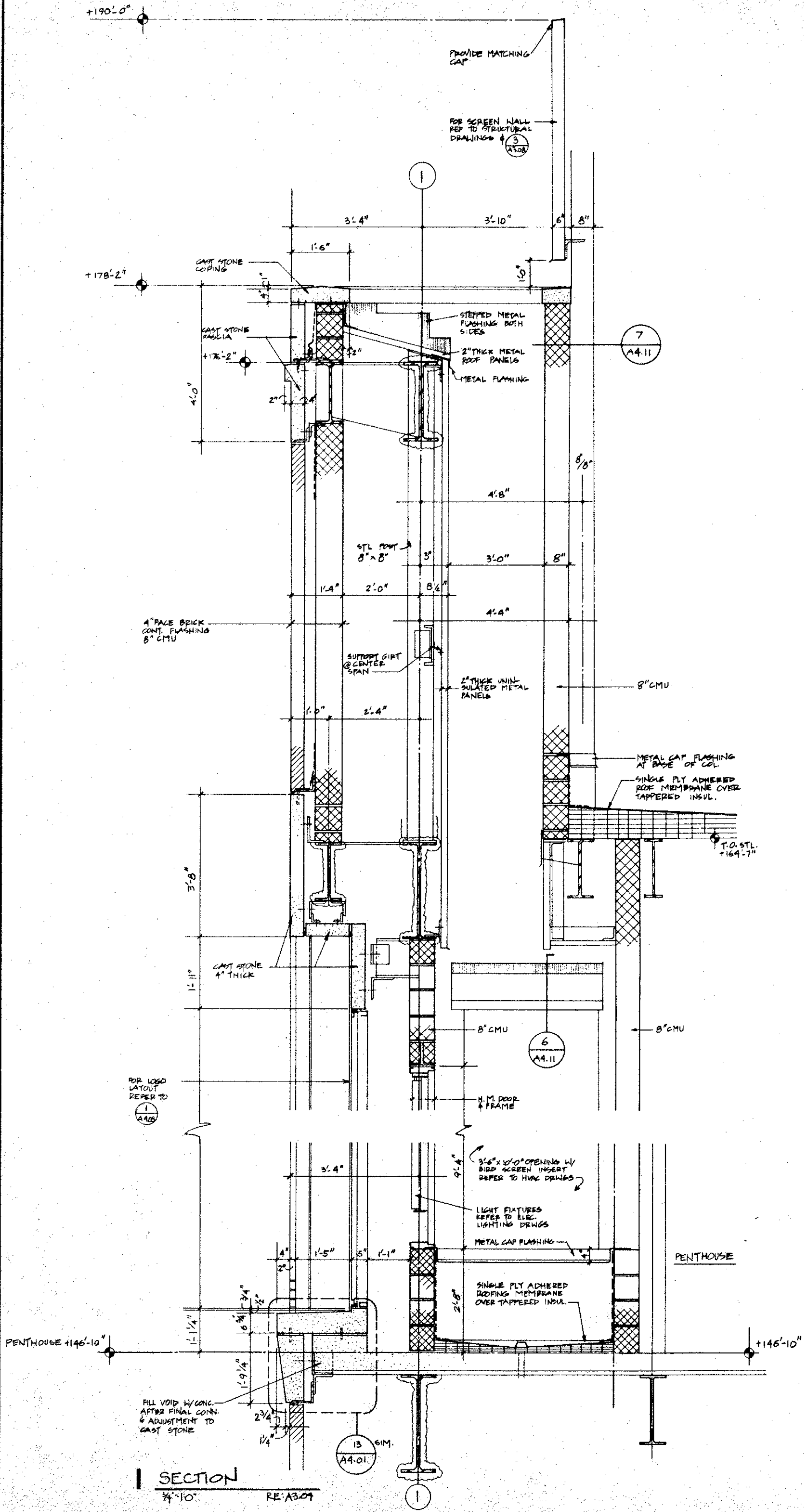
Rev	Date	Remarks
2	7-2-92	ISSUE 2
1	6-12-91	ISSUE 1

Project Numbers
UMAB 87-016
COVER 470-02 ASC 09020
Scale: 3/4" = 1'-0" OR AS NOTED
Drawn by: N.D. Checked by: MAC.

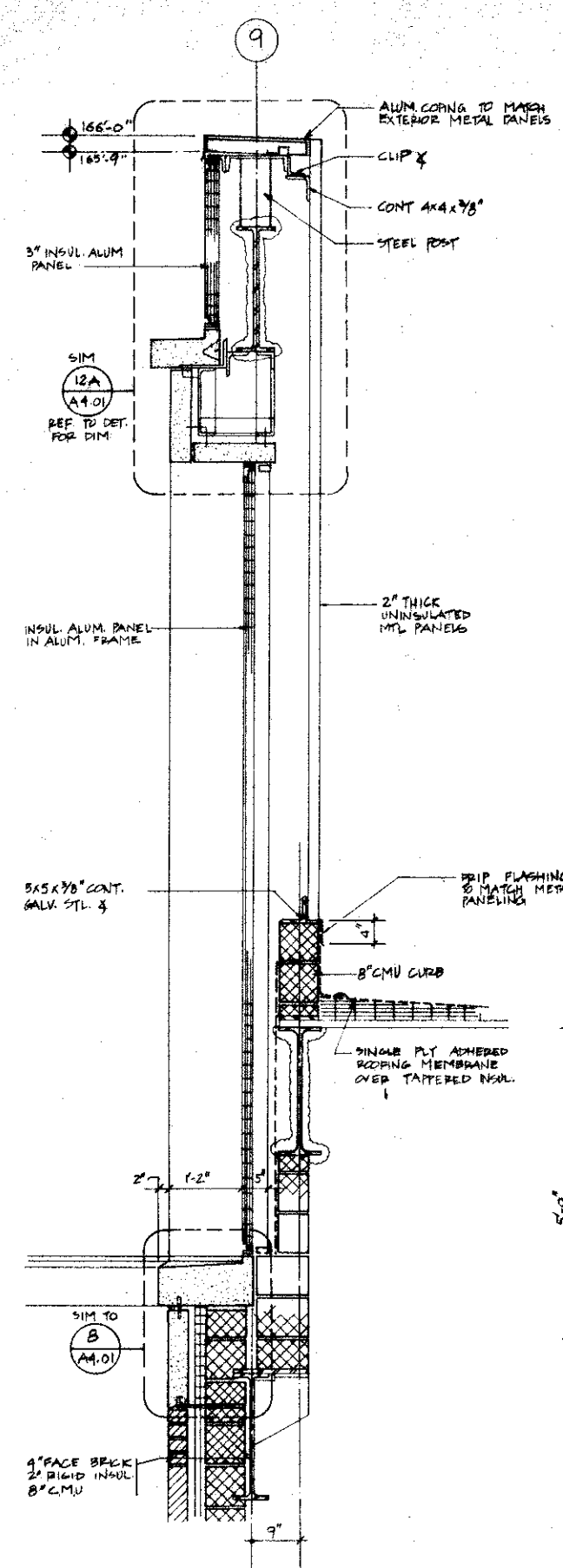
Project
UMAB HEALTH SCIENCES FACILITY
Drawing Title
SECTIONS

Drawing Number

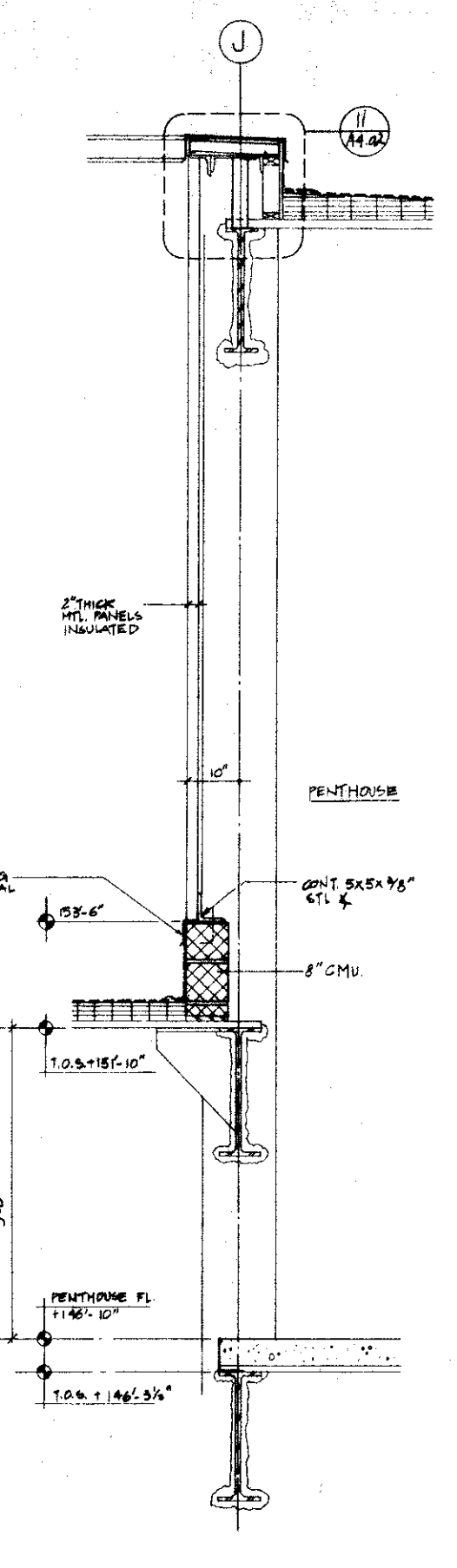
A-4.11



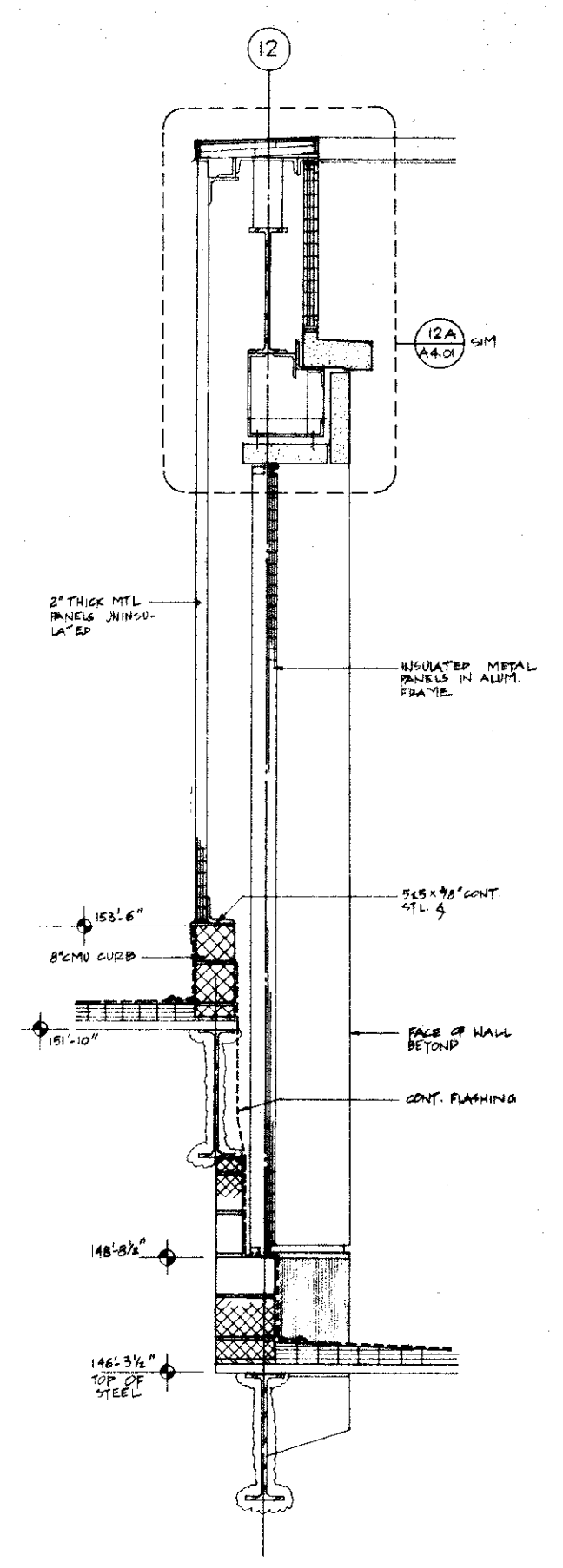
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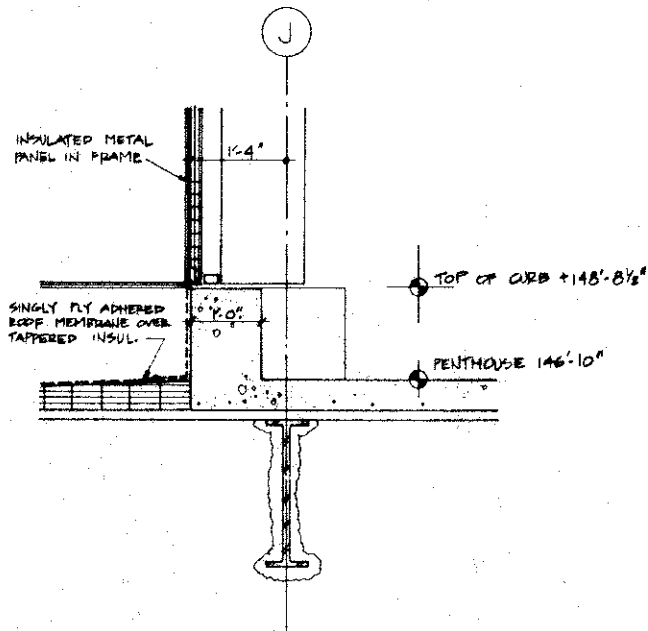
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3/4" = 1'-0" RE: A1.72, A4.10



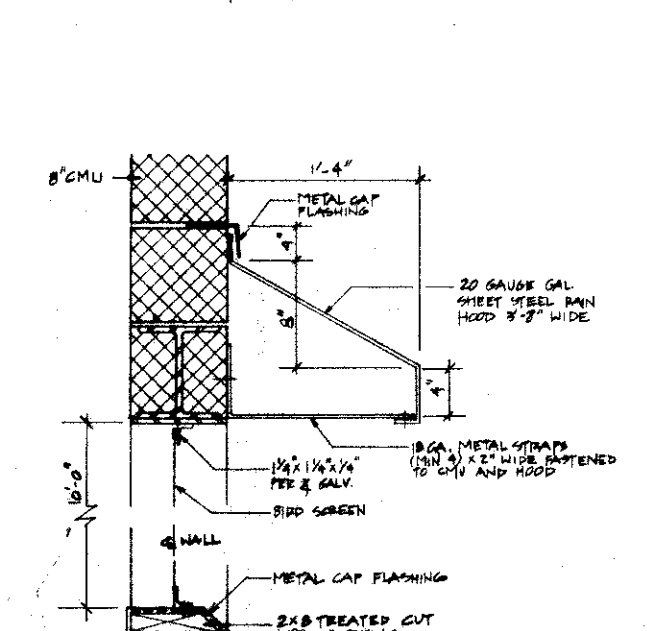
3 SECTION
3/4" = 1'-0" RE: A1.72, A4.10



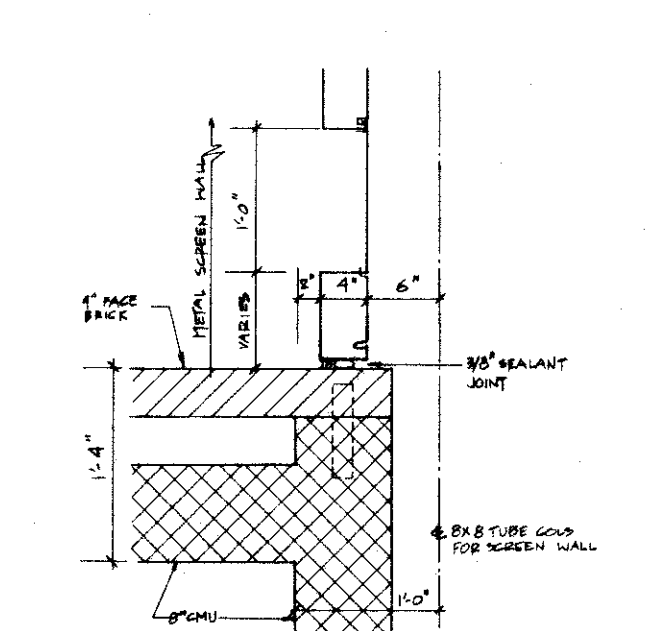
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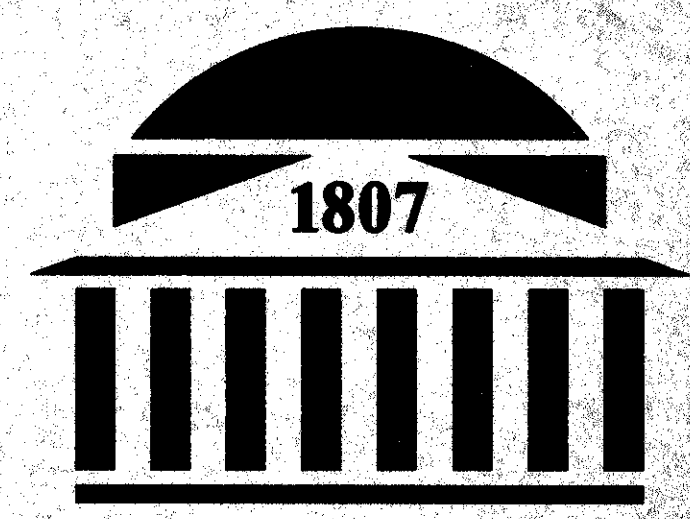
5 SECTION
3/4" = 1'-0" RE: A1.72



6 SECTION
1/2" = 1'-0" RE: A4.11



7 SECTION
1/2" = 1'-0" RE: A3.09, A4.11



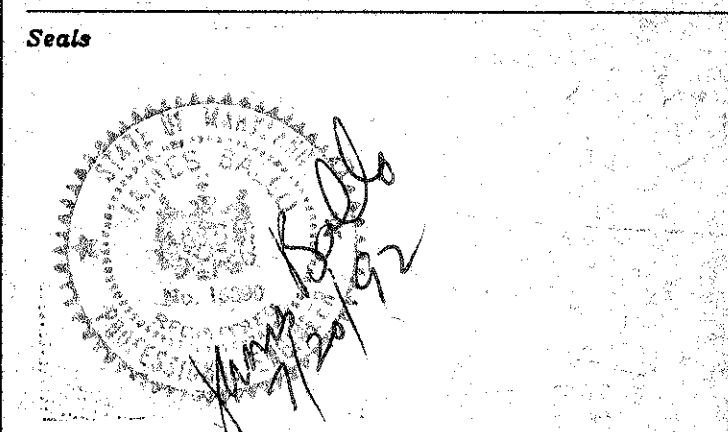
UMAB
HEALTH SCIENCES FACILITY
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UNIVERSITY OF MARYLAND AT BALTIMORE
 APPROVAL

Mark	Date	Remarks
3	7/20/92	ISSUE No. 3
2	7/2/92	ISSUE No. 2
1	6/12/92	ISSUE No. 1
	4/15/92	95% SUB.
	2/7/92	50% PROGRESS SUB.
	10/4/91	DESIGN DEVELOP. SUB.

Project Numbers
 UMAB 87-016 DHA 0646

CUI2A 470-02 ASD 09020
 Scale Drawn by Checked by
 1/8" = 1'-0" X.M. JCB

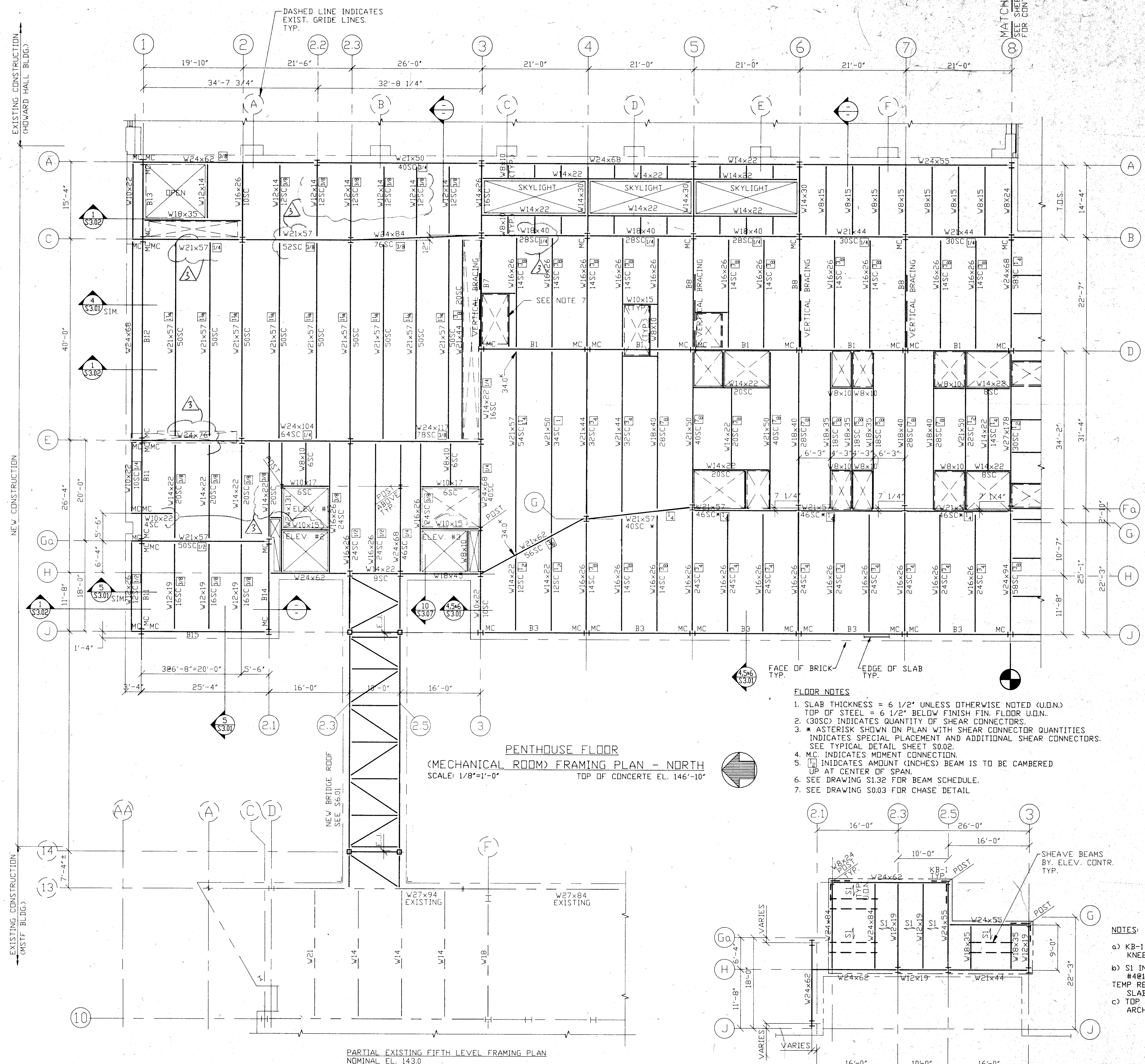
Project
 UMAB HEALTH SCIENCES FACILITY

Drawing Title
 PENTHOUSE FLOOR FRAMING PLAN - NORTH

Drawing Number

S1.71

8091/97-016/S-1.71



FLOOR NOTES

1. SLAB THICKNESS = 6 1/2" UNLESS OTHERWISE NOTED (U.O.N.)
 TOP OF STEEL = 6 1/2" BELOW FINISH FIN. FLOOR U.O.N.
2. (30SC) INDICATES QUANTITY OF SHEAR CONNECTORS.
3. * ASTERISK SHOWN ON PLAN WITH SHEAR CONNECTOR QUANTITIES INDICATES SPECIAL PLACEMENT AND ADDITIONAL SHEAR CONNECTORS.
 SEE TYPICAL DETAIL SHEET S0.02.
4. MC INDICATES MOMENT CONNECTION.
5. [Symbol] INDICATES AMOUNT (INCHES) BEAM IS TO BE CAMBERED UP AT CENTER OF SPAN.
6. SEE DRAWING S1.32 FOR BEAM SCHEDULE.
7. SEE DRAWING S0.03 FOR CHASE DETAIL.

PENTHOUSE FLOOR (MECHANICAL ROOM) FRAMING PLAN - NORTH
 SCALE: 1/8"=1'-0"
 TOP OF CONCRETE EL. 146'-10"

ELEVATOR MACHINE ROOM PLATFORM FRAMING
 SCALE: 1/8"=1'-0"

NOTES:

- a) KB-1 INDICATES 2Ls-2 1/2" x 2 1/2" x 1/4" KNEE BRACE TYPICAL WHERE INDICATED.
- b) S1 INDICATES 4" CONCRETE SLAB REINF. WITH #4@12" O.C. TOP AND BOT. WITH #3@12" O.C. TEMP. REINF. (GENERAL CONTRACTOR TO CAST) SLAB AFTER INSTALLATION OF ELEVATORS).
- c) TOP OF SLAB ELEV. AT 149'-6" (VERIFY WITH ARCH. DWGS.).

PARTIAL EXISTING FIFTH LEVEL FRAMING PLAN
 NOMINAL EL. 143.0
 TOP OF STEEL -5 1/4"

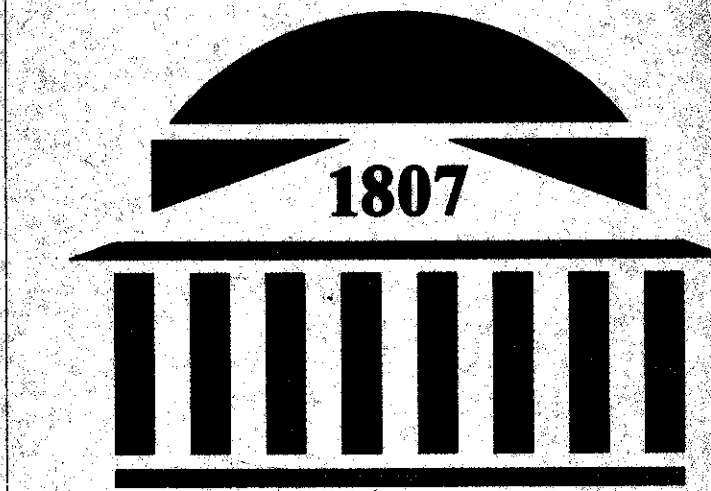
EXISTING CONSTRUCTION (CHEVARD HALL BLDG.)

NEW CONSTRUCTION

EXISTING CONSTRUCTION (NSTF BLDG.)

UMSFRPNA

Binding Order



UMAB

HEALTH SCIENCES FACILITY

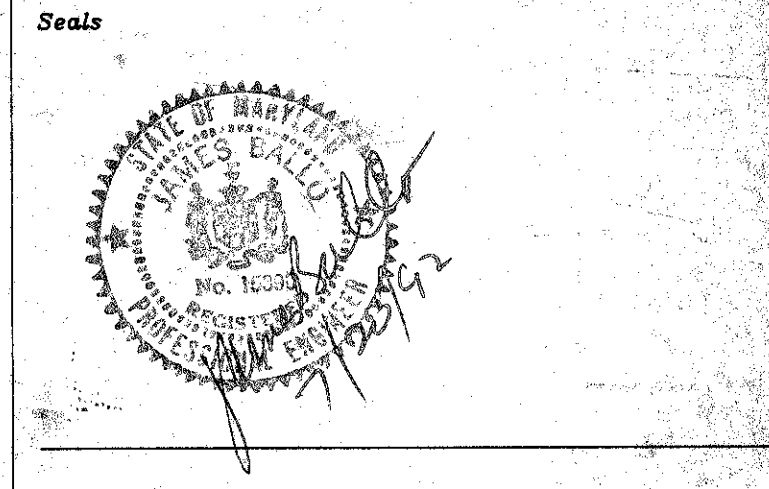
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Title: _____ Date: _____

3	7/20/92	ISSUE No. 3
2	7/2/92	ISSUE No. 2
1	5/12/92	ISSUE No. 1

4/15/92	95% SUB.
2/7/92	50% PROGRESS SUB.
10/4/91	DESIGN DEVELOP. SUB.

Mark	Date	Remarks
Key Plan		

Project Numbers	UMAB 87-016	DRA 0646
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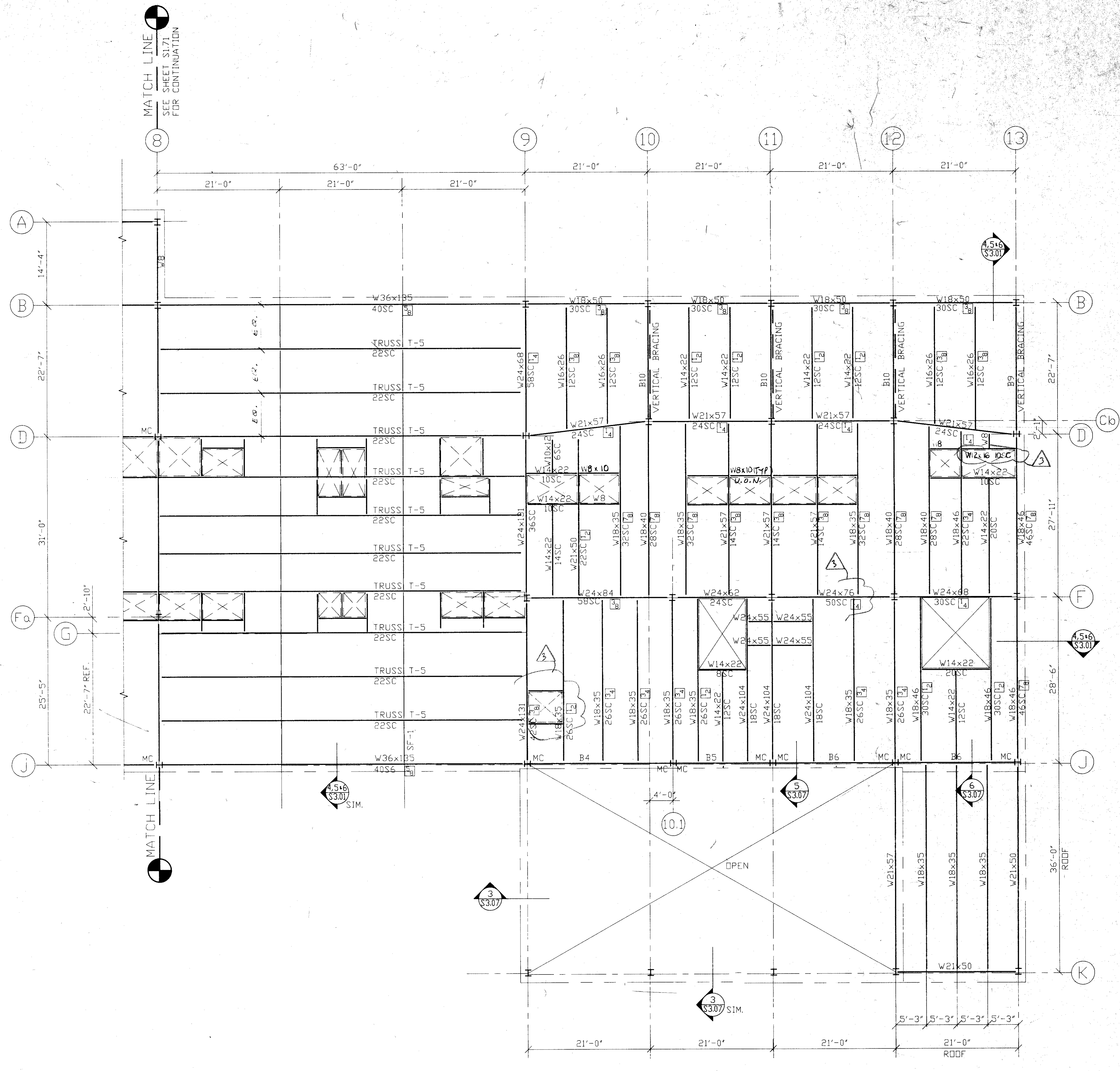
CUH2A 470-02	ASC 09020
Scale 1/8" = 1'-0"	X.M. J.B.

Project
UMAB HEALTH SCIENCES FACILITY
Drawing Title
PENTHOUSE FLOOR FRAMING PLAN - SOUTH

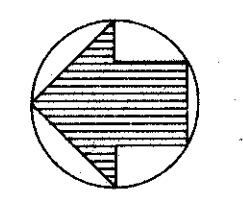
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S1.72

8091/87-016/5-1.72

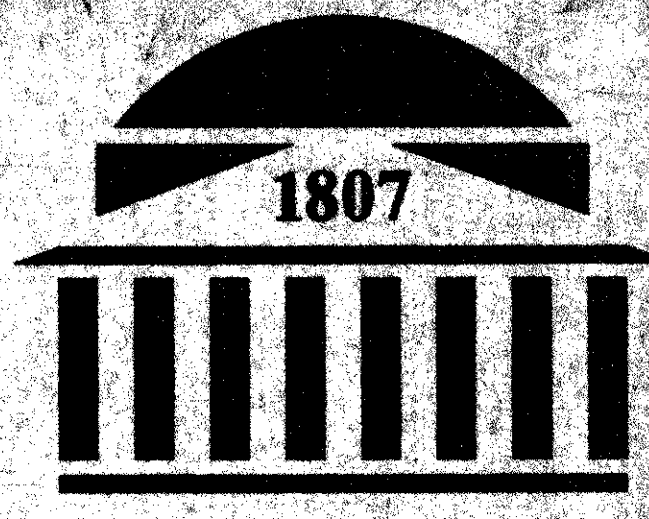


PENTHOUSE FLOOR FRAMING PLAN - SOUTH
SCALE: 1/8"=1'-0" SEE S1.71 FOR NOTES



UMSFRPSA

Binding Order

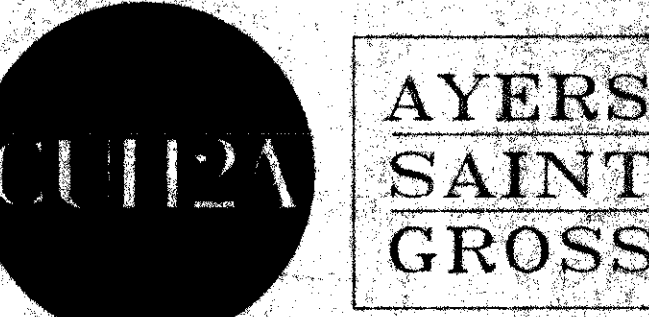


UMA B

HEALTH SCIENCES FACILITY

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APPROVAL

Mark	Date	Remarks
5	6/2/93	ISSUE No. 9
4	7/24/92	ISSUE No. 4
2	7/2/92	ISSUE No. 2
1	6/12/92	ISSUE No. 1
	4/15/92	95% SUB.
	2/7/92	50% PROGRESS SUB.

Key Plan

Received
JUN 8 1993
WINNING CONTRACTORS
CUI2A, Inc.

Project Numbers
UMAB 87-016 DHA 0646

CUI2A 470-02 ABC 09020
Scale 1/8" = 1'-0" X.M. J.B.

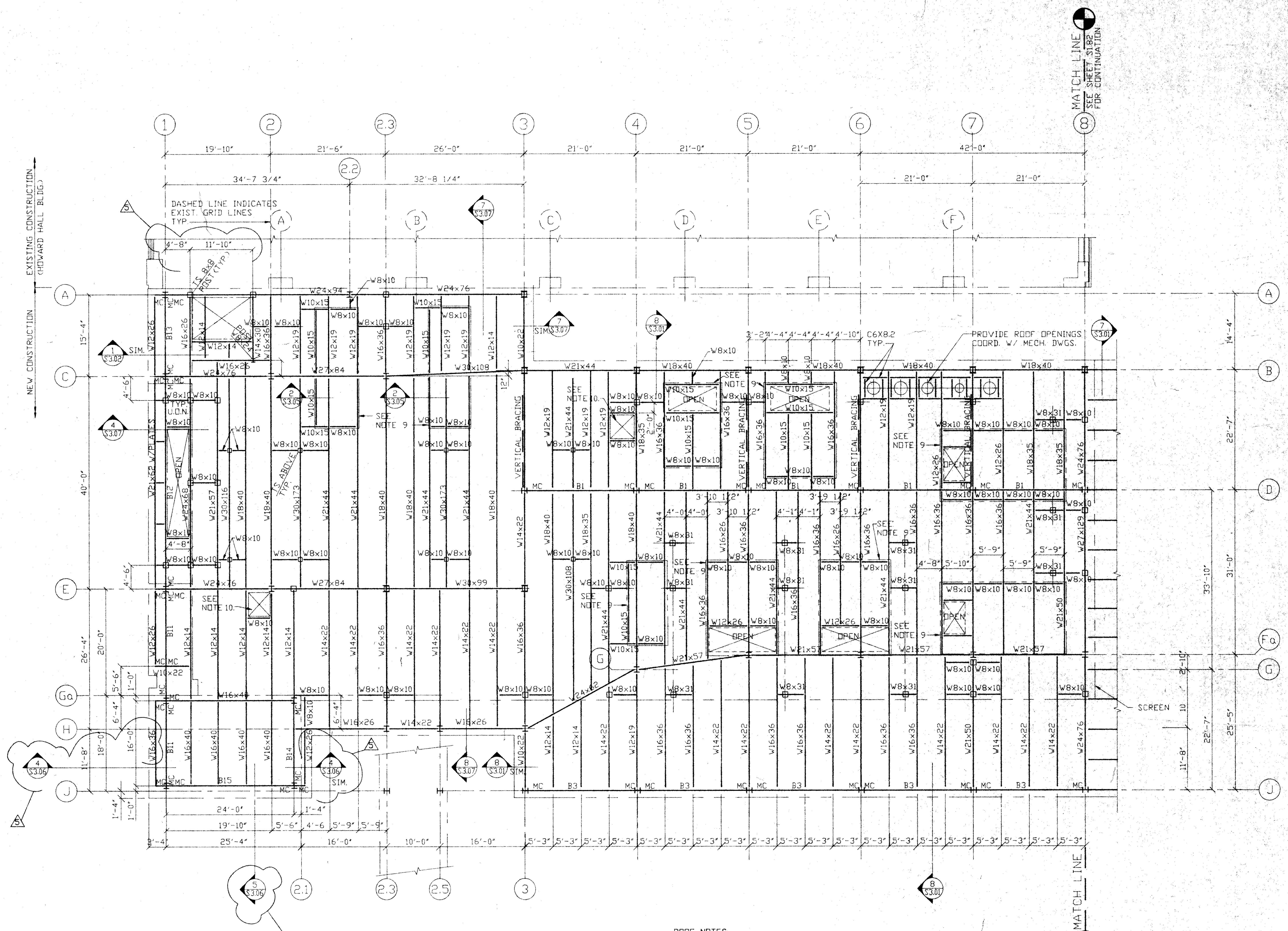
Project
UMAB HEALTH SCIENCES FACILITY

Drawing Title
ROOF PLAN - NORTH

Drawing Number

S1.81

8091/87-016-1-81



ROOF PLAN - NORTH
SCALE: 1/8"=1'-0"

ROOF NOTES:

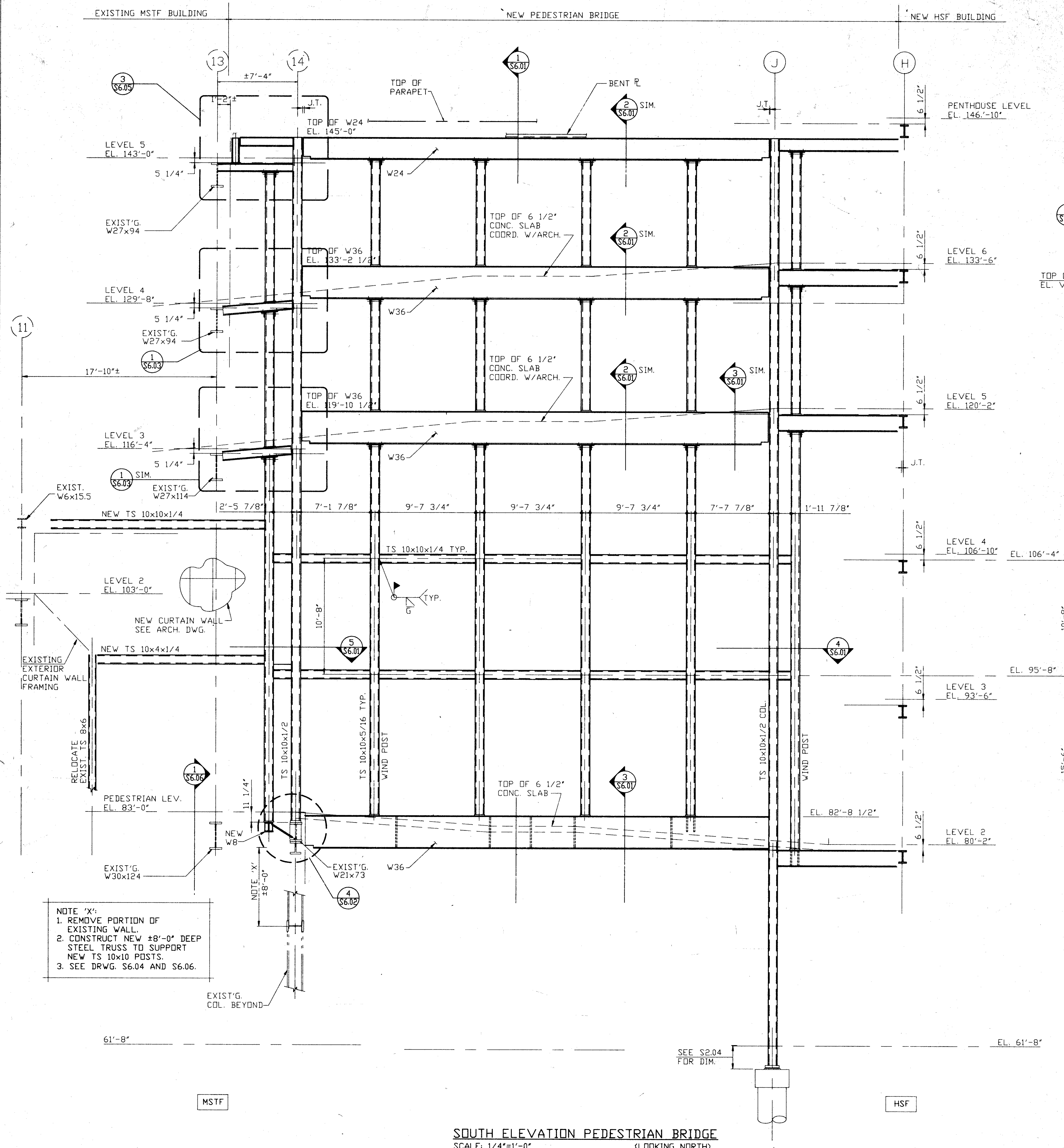
- TOP OF STRUCTURAL STEEL (UNDERSIDE OF METAL ROOF DECK) ELEV. 164'-7"
NOTE: COORDINATE ALL ELEVATIONS WITH ARCHITECTURAL DRAWINGS
- MC INDICATES MOMENT CONNECTION
- BI INDICATES AMOUNT (INCHES) BEAM IS TO BE CAMBERED UP AT CENTER OF SPAN
- SEE DRAWING S1.32 FOR BEAM SCHEDULE
- SEE ARCHITECTURAL DRGS. FOR ROOF CONSTRUCTION
- SEE DRAWING S1.91 FOR MECH. EQUIPT. SUPPORT FRAMING (COOLING TOWER)
- NOT USED
- NOT USED
- CONTRACTOR NOTE: COORDINATE SIZE AND LOCATION OF ROOF TOP MECHANICAL UNITS WITH MECHANICAL EQUIPMENT SUPPLIER BEFORE FABRICATING SUPPORTING STRUCTURAL STEEL TYP.
- PROVIDE 50'x50' CLEAR OPENING. COORD. SIZE AND LOCATION WITH MECHANICAL DRAWINGS.

EXISTING CONSTRUCTION (HOWARD HALL BLDG.)

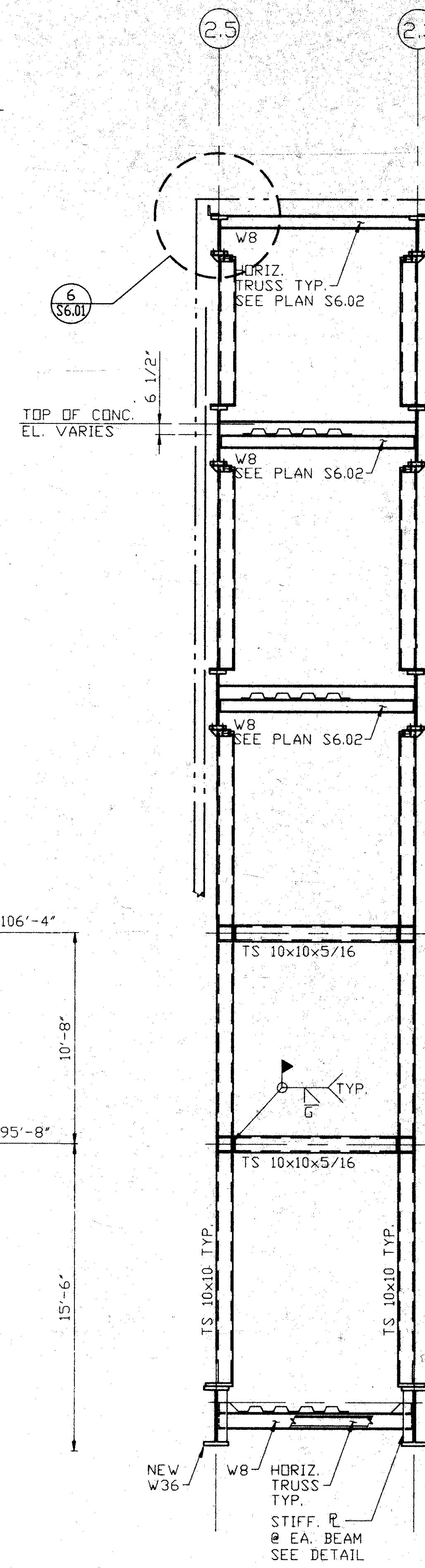
NEW CONSTRUCTION

MATCH LINE
SEE SHEET S1.82 FOR CONTINUATION

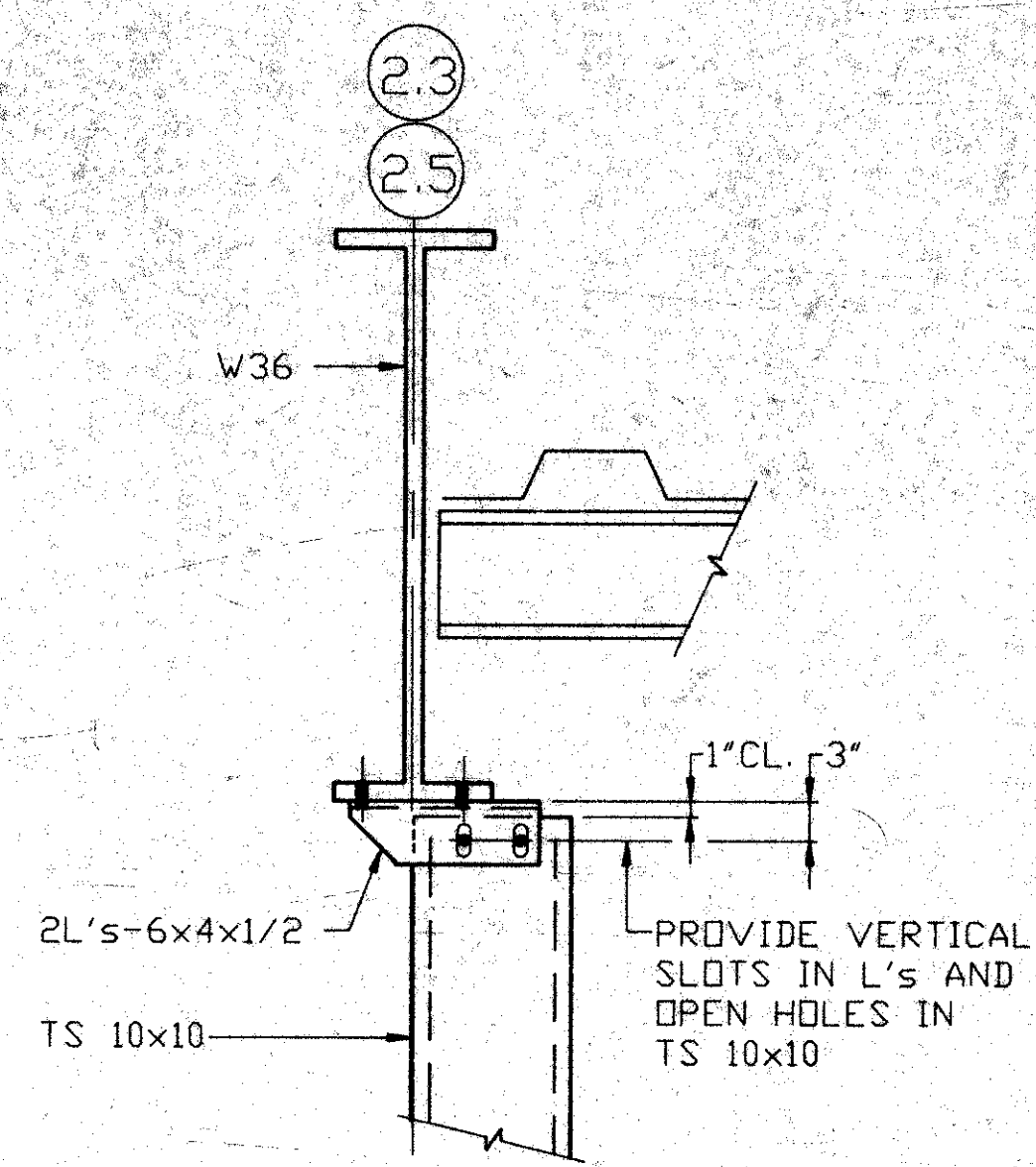
MATCH LINE



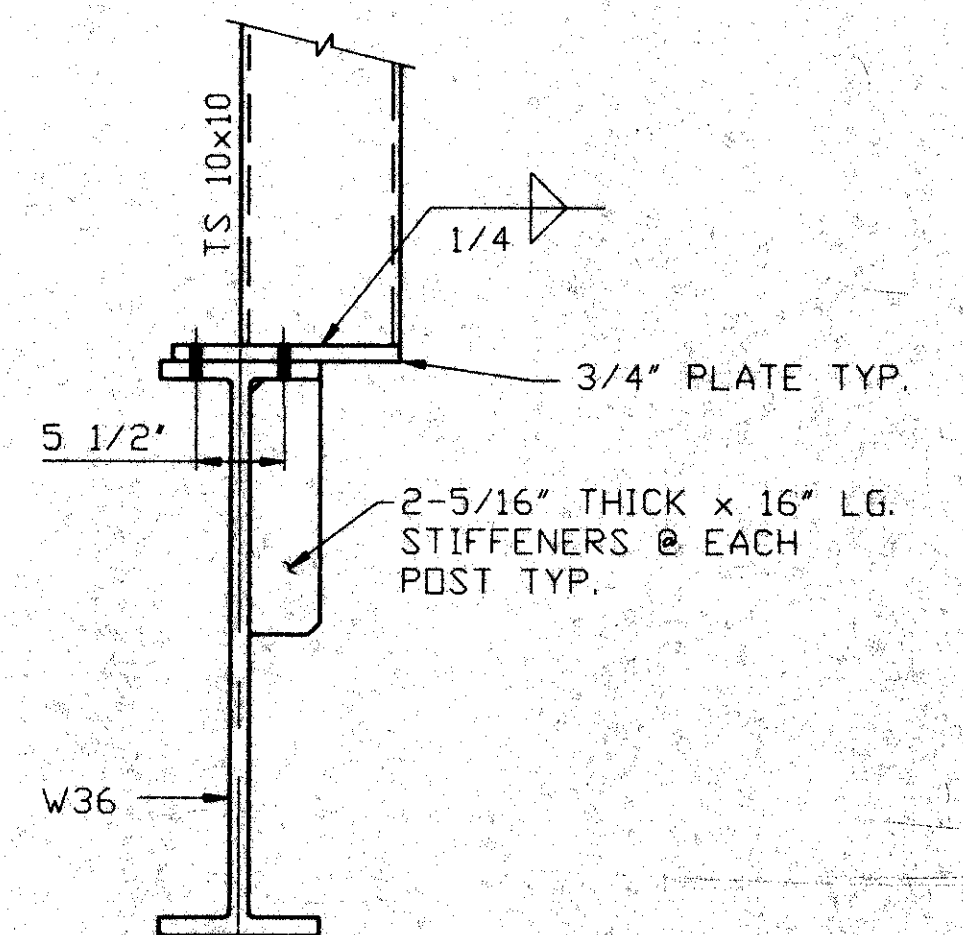
SOUTH ELEVATION PEDESTRIAN BRIDGE
SCALE: 1/4"=1'-0"
(LOOKING NORTH)



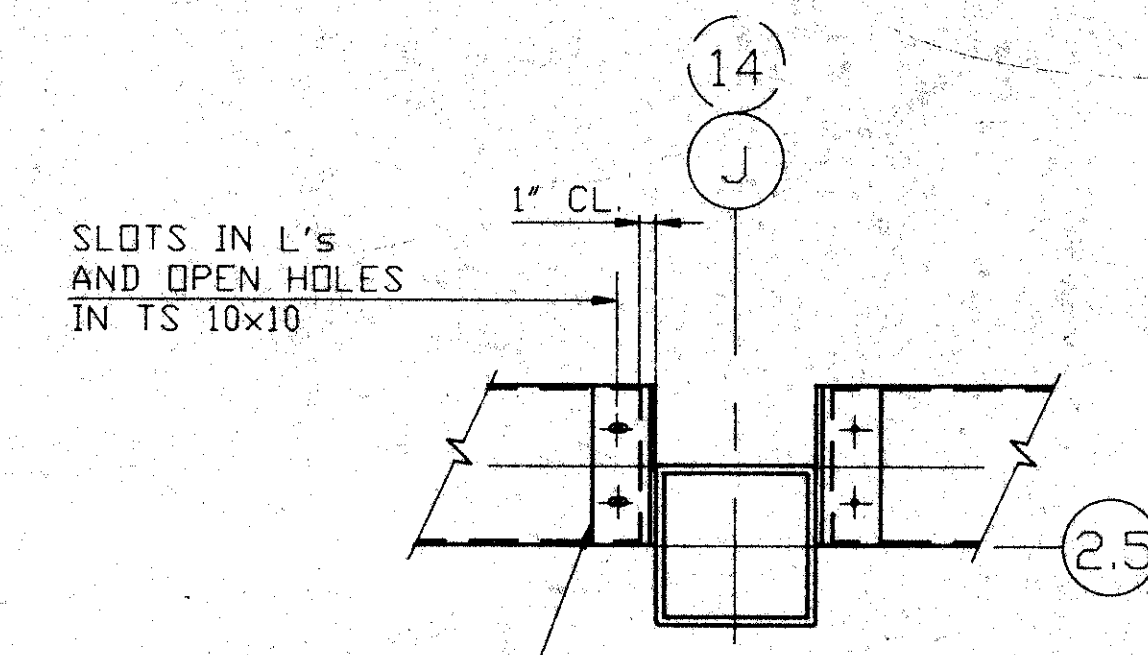
1 SECTION
SCALE: 1/4"=1'-0"
RE: S6.01



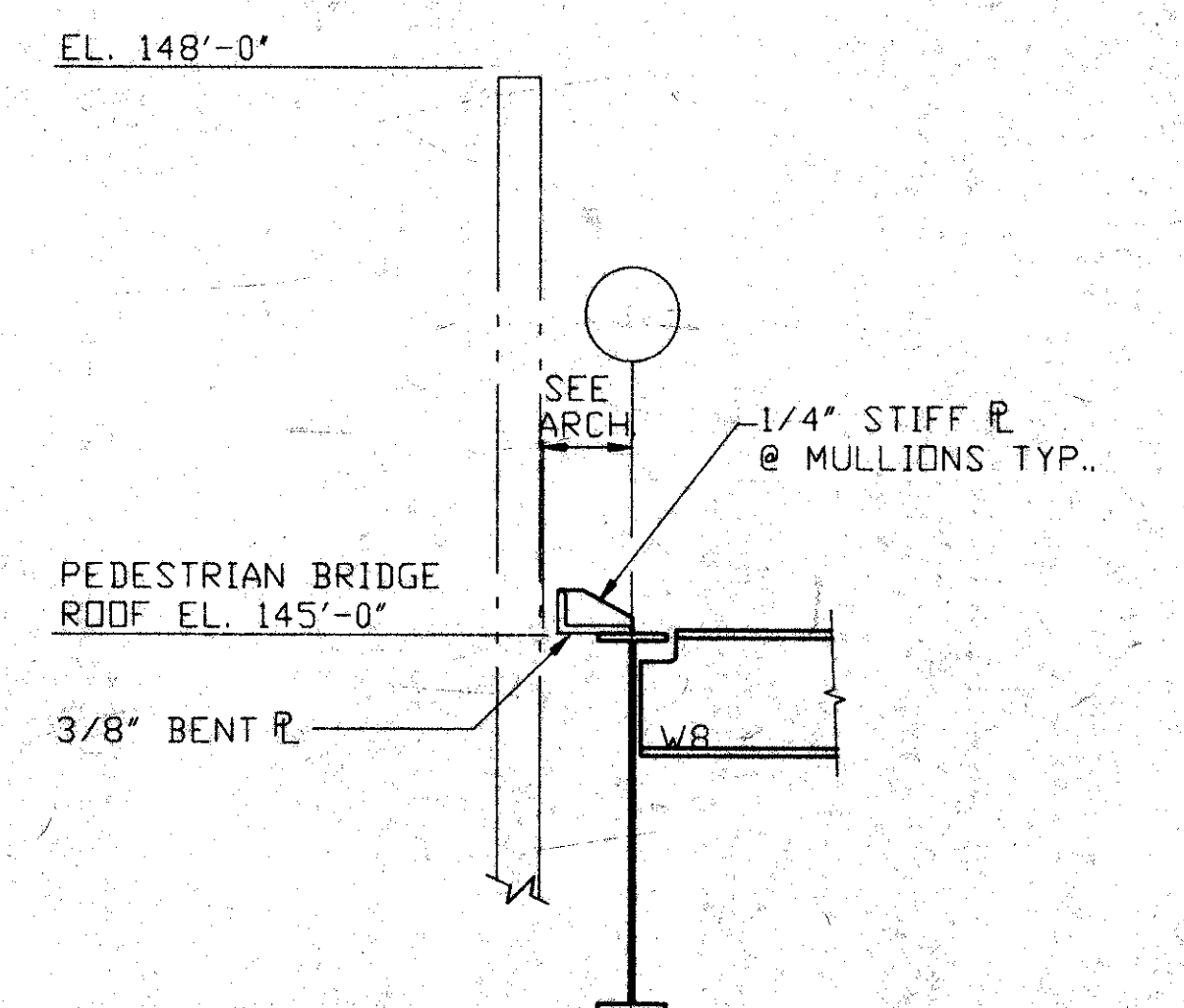
2 SECTION
SCALE: 1"=1'-0"
RE: S6.01



3 SECTION
SCALE: 1"=1'-0"
RE: S6.01



4 SECTION
5 SECTION OPPOSIT HAND
SCALE: 1"=1'-0"
RE: S6.01

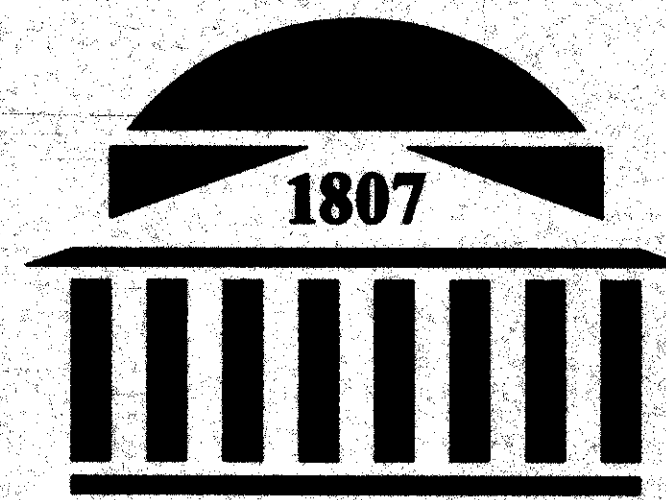


6 DETAIL
SCALE: 1"=1'-0"
RE: S6.01

NOTE 'X':
1. REMOVE PORTION OF EXISTING WALL.
2. CONSTRUCT NEW ±8'-0" DEEP STEEL TRUSS TO SUPPORT NEW TS 10x10 POSTS.
3. SEE DRWG. S6.04 AND S6.06.

MSTF

HSF



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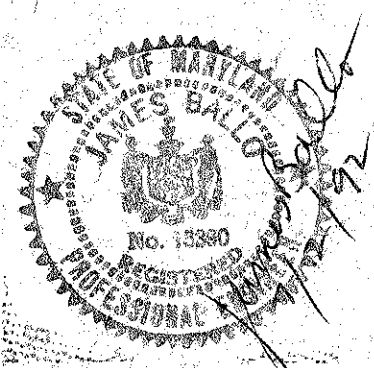


AYERS SAINT GROSS

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2	7/2/92	ISSUE No. 2
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	2/7/92	50% PROGRESS SUB.

Project Numbers

UMAB 87-016 DHA 0646

CUH2A 470-02 ASG 09020

Scale AS NOTED X.M. Checked by J.G.

Project

UMAB HEALTH SCIENCES FACILITY

Drawing Title

PEDESTRIAN BRIDGE ELEVATION AND SECTIONS

Drawing Number

S6.01

2091/87-016/5-6.01