

CAMPUSWIDE ENVELOPE REPAIRS: MICHAEL HOOKER RESEARCH CENTER, NEW EAST, NEW WEST, PLAYMAKERS THEATER

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL



Walter P. Moore and Associates, Inc.
301 Hillsborough St, Suite 030,
Raleigh, North Carolina 27603

919.673.3268

Project Name:

CAMPUSWIDE ENVELOPE REPAIRS - MICHAEL HOOKER RESEARCH CENTER

Project address:
CHAPEL HILL, NC 27514

Client:

UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL

Consultants / Discipline:

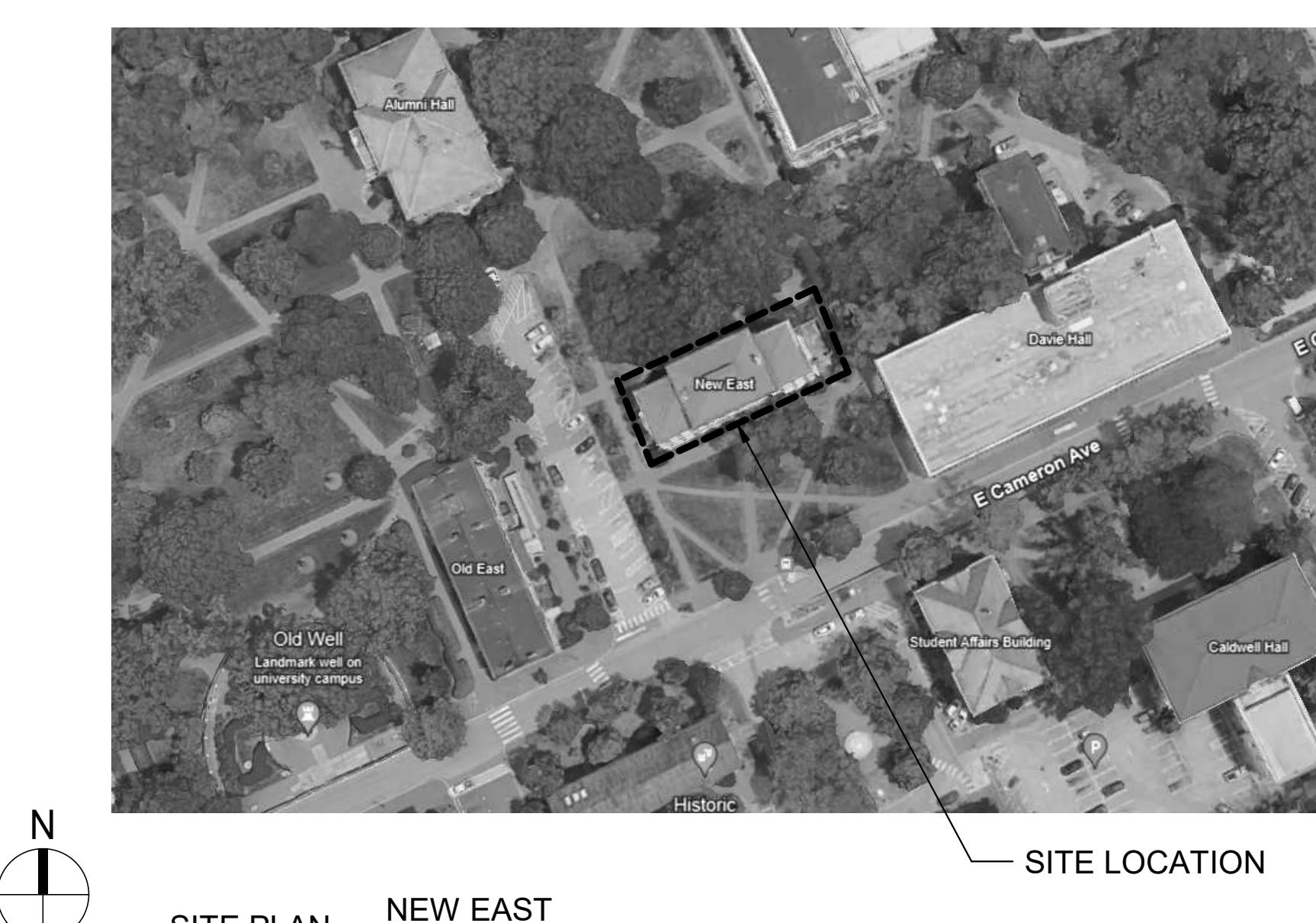
SHEET LIST A - HOOKER RESEARCH CENTER	
SHEET NUMBER	SHEET NAME
CVR	COVER SHEET
BE-001A	BUILDING CODE SUMMARY
BE-002A	GENERAL NOTES
BE-100A	SITE & PHASING PLAN
BE-101A	KEY PLAN
SD-200A	DEMOLITION - ELEVATIONS
SD-201A	DEMOLITION - ELEVATIONS
BE-200A	FACADE REPAIRS - ELEVATIONS
BE-201A	FACADE REPAIRS - ELEVATIONS
BE-400A	FACADE REPAIR DETAILS



MICHAEL HOOKER RESEARCH CENTER

SITE LOCATION

SITE PLAN
HOOKER RESEARCH CENTER
ADDRESS: 135 DAUER DR, CHAPEL HILL, NC 27516



NEW EAST

SITE LOCATION

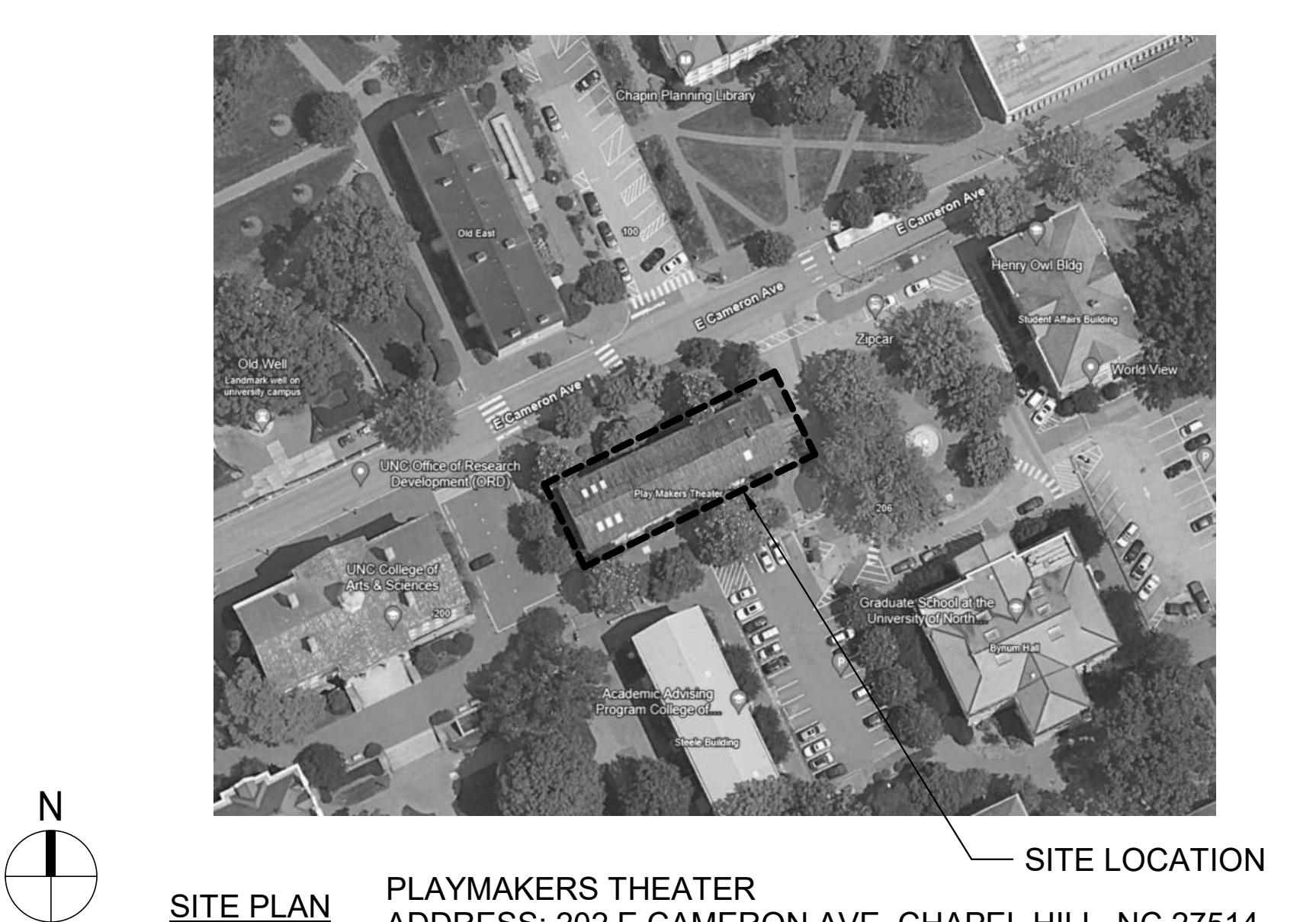
SITE PLAN
NEW EAST
ADDRESS: 223 EAST CAMERON AVE, CHAPEL HILL, NC 27514



NEW WEST

SITE LOCATION

SITE PLAN
NEW WEST
ADDRESS: 175 E CAMERON AVE, CHAPEL HILL, NC 27514



PLAYMAKERS THEATER

SITE LOCATION

SITE PLAN
PLAYMAKERS THEATER
ADDRESS: 202 E CAMERON AVE, CHAPEL HILL, NC 27514

SHEET LIST B - NEW EAST	
SHEET NUMBER	SHEET NAME
BE-001B	BUILDING CODE SUMMARY
BE-002B	GENERAL NOTES
BE-100B	SITE & PHASING PLAN
BE-101B	KEY PLAN
BE-200B	FACADE REPAIRS - NORTH & SOUTH ELEVATIONS
BE-201B	FACADE REPAIRS - EAST & WEST ELEVATIONS
BE-400B	REPAIR DETAILS
BE-401B	REPAIR DETAILS



NEW EAST

SHEET LIST C - NEW WEST	
SHEET NUMBER	SHEET NAME
BE-001C	BUILDING CODE SUMMARY
BE-002C	GENERAL NOTES
BE-100C	SITE PLAN
BE-101C	ROOF PLAN
BE-200C	FACADE REPAIRS - NORTH & SOUTH ELEVATIONS
BE-201C	FACADE REPAIRS - EAST & WEST ELEVATIONS
BE-400C	REPAIR DETAILS
BE-401C	REPAIR DETAILS



NEW WEST

SHEET LIST D - PLAYMAKERS THEATER	
SHEET NUMBER	SHEET NAME
BE-001D	BUILDING CODE SUMMARY
BE-002D	GENERAL NOTES
BE-100D	SITE & PHASING PLAN
BE-101D	KEY PLAN
BE-200D	FACADE REPAIRS - ELEVATIONS
BE-201D	FACADE REPAIRS - ELEVATIONS
BE-400D	REPAIR DETAILS



PLAYMAKERS THEATER

SCO #24-237837-01A

ISSUED FOR CONSTRUCTION

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

Project Number : D25.2407.00 Drawn By : AN
Approved By : RCP Checked By : EAL

Certification Statement : TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES.

Seal and Signature :



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Drawing Title :

COVER SHEET

Sheet No. :

CVR

PERCENTAGE OF WALL OPENING CALCULATIONS		
FEET SEPARATION DISTANCE (FEET FROM PROPERTY LINES)	DEGREE OF PROTECTION (PROTECTION FROM THE EXTERIOR)	ALLOWABLE AREA (%)
10'	Yes	100%
12'	Yes	100%
14'	Yes	100%
16'	Yes	100%
18'	Yes	100%
20'	Yes	100%
22'	Yes	100%
24'	Yes	100%
26'	Yes	100%
28'	Yes	100%
30'	Yes	100%
32'	Yes	100%
34'	Yes	100%
36'	Yes	100%
38'	Yes	100%
40'	Yes	100%
42'	Yes	100%
44'	Yes	100%
46'	Yes	100%
48'	Yes	100%
50'	Yes	100%
52'	Yes	100%
54'	Yes	100%
56'	Yes	100%
58'	Yes	100%
60'	Yes	100%
62'	Yes	100%
64'	Yes	100%
66'	Yes	100%
68'	Yes	100%
70'	Yes	100%
72'	Yes	100%
74'	Yes	100%
76'	Yes	100%
78'	Yes	100%
80'	Yes	100%
82'	Yes	100%
84'	Yes	100%
86'	Yes	100%
88'	Yes	100%
90'	Yes	100%
92'	Yes	100%
94'	Yes	100%
96'	Yes	100%
98'	Yes	100%
100'	Yes	100%

LIFE SAFETY SYSTEM REQUIREMENTS		
Emergency Lighting:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
Fire Exit:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
Fire Alarm:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
Smoke Detection System:	<input type="checkbox"/> No	<input type="checkbox"/> Yes
Carbon Monoxide Detection:	<input type="checkbox"/> No	<input type="checkbox"/> Yes

TO THESE BUILDING SYSTEMS

REPLACEMENT AND/OR REPAIRS

Partial

Yes

NA - THIS PROJECT INCLUDES
NO EXISTING SYSTEMS

REPLACEMENT AND/OR REPAIRS

TO THESE BUILDING SYSTEMS

REPLACEMENT AND/OR RE

GENERAL NOTES



Walter P Moore and Associates, Inc.
101 Hillsborough St, Suite 930,
Raleigh, North Carolina 27603

019.673.3268

Name: **CAMPUSWIDE
ELOPE REPAIRS
MICHAEL HOOKER
SEARCH CENTE**

address:
LURER DRIVE, CHAPEL HILL, NC 27514

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Students / Discipline :

h:

○ #24-237837-01

Revisions :

ISSUED FOR

CONSTRUCTION

Date	Description
4/24/2025	50% CDS
7/01/2025	100% CDS
0/03/2025	ISSUED FOR CONSTRUCTION

ation Statement :
THE BEST OF THE ENGINEER'S KNOWLEDGE,
PLANS AND SPECIFICATIONS COMPLY WITH
APPLICABLE MINIMUM BUILDING CODES.

and Signature :

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g Title :

GENERAL NOTES

No. : **BF-002A**

**CAMPUSWIDE
ENVELOPE REPAIRS -
MICHAEL HOOKER
RESEARCH CENTER**

 Project address:
 135 DAURER DRIVE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A
 Issues/Revisions:
**ISSUED FOR
CONSTRUCTION**

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : Drawn By :
 D25.2407.00 AN
 Approved By : Checked By :
 RCP EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
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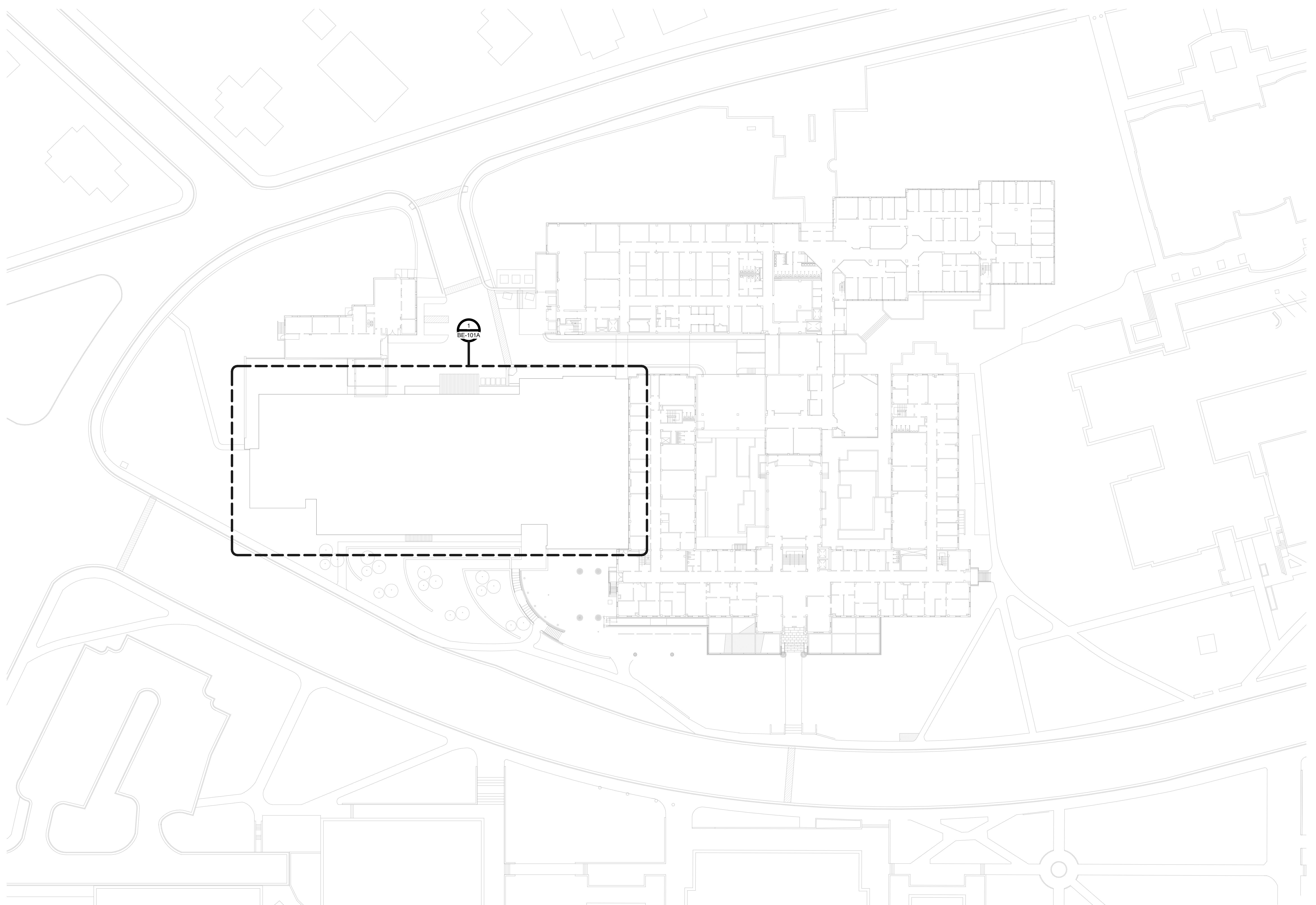
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Drawing Title :

**SITE & PHASING
PLAN**

Sheet No. :

BE-100A


SHEET NOTES:

1. BUILDING SITE PLAN IS BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY ANSHEN + ALLEN ARCHITECTS DATED MARCH 04, 2002. SITE PLAN MAY NOT ACCURATELY REFLECT CURRENT SITE CONDITIONS WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.

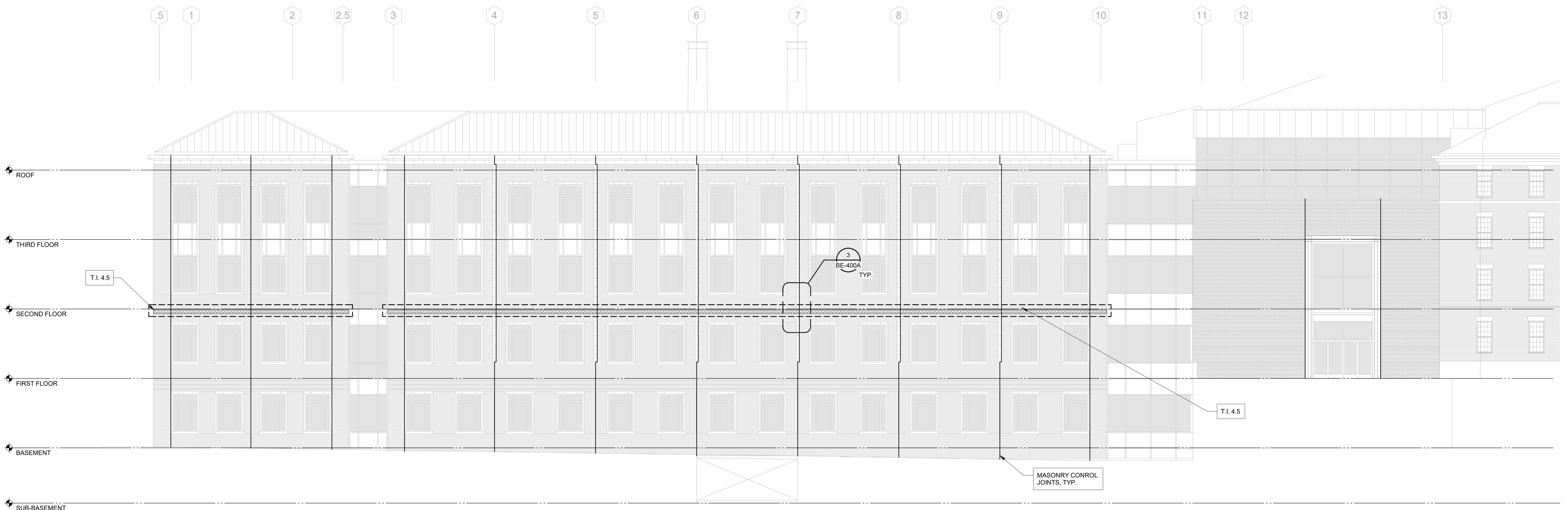
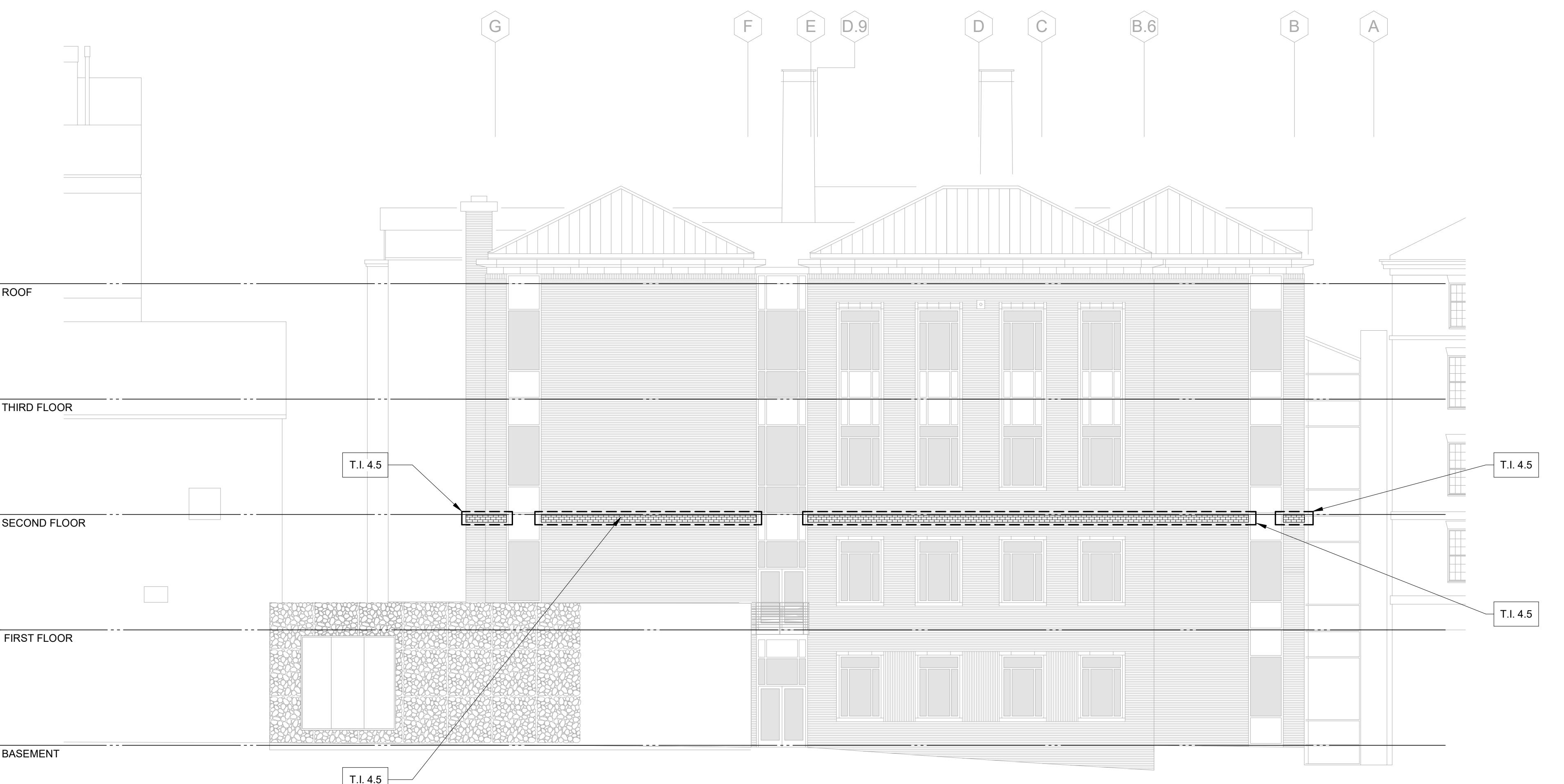
**CAMPUSWIDE
ENVELOPE REPAIRS -
MICHAEL HOOKER
RESEARCH CENTER**

 Project address:
 135 DAURER DRIVE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:


1 FACADE REPAIRS - EAST ELEVATION

2 FACADE REPAIRS - SOUTH ELEVATION

BASE BID: HOOKER RESEARCH CENTER

NO SCALE

TASK ITEM	DESCRIPTION
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 2.1	DEMOLITION, ALL OF HORIZONTAL TERRA COTTA BAND AND INDICATED COURSE OF BRICK
T.I. 4.5	INSTALL NEW MASONRY WITH 3/8" MORTAR JOINT, TYP
T.I. 7.1	REMOVE EXISTING SEALANT JOINT, PREPARE AND CLEAN, PRIME AND INSTALL BACKER ROD AND BOND BREAKER TAPE. INSTALL NEW SEALANT JOINT, TOOL JOINT CONCAVE
T.I. 7.2	WELD NEW ADJUSTABLE BRICK TIES TO STEEL ANGLE AT 16" O.C.

SCO #24-237837-01A
**ISSUED FOR
CONSTRUCTION**

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : Drawn By :
 D25.2407.00 AN
 Approved By : Checked By :
 RCP EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.


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Drawing Title:

**FAÇADE REPAIRS
- ELEVATIONS**

Sheet No.:

BE-200A

SHEET NOTES:

- ELEVATION DRAWINGS ARE BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY ANSHEN + ALLEN ARCHITECTS DATED MAY 20, 2008. BUILDING ELEVATION MAY NOT ACCURATELY REFLECT CURRENT CONSTRUCTION, WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.
- INFORMATION SHOWN IS BASED ON REVIEW OF THE ORIGINAL RECORD ARCHITECTURAL DRAWINGS AND ON LIMITED SITE OBSERVATIONS. THIS INFORMATION MAY NOT NECESSARILY INCLUDE ALL ITEMS TO BE DEMOLISHED AND REINSTALLED DURING PERFORMANCE OF THE FAÇADE REPAIR WORK. CONTRACTOR IS ADVISED THAT THESE DRAWINGS MAY NOT COMPLETELY REFLECT THE AS-BUILT CONSTRUCTION AND WILL NEED TO BE FIELD VERIFIED. COPIES OF THE ORIGINAL RECORD CONSTRUCTION DRAWINGS MAY BE MADE AVAILABLE UPON REQUEST BY THE CONTRACTOR.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK, INCLUDING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING FAÇADE SYSTEMS AND COMPONENTS AT THE AREAS OF WORK AND INCLUDE APPROPRIATE ELEVATION ALLOWANCES FOR DEMOLITION AND REINSTALLATION OF THESE ASSEMBLIES AS REQUIRED TO PERFORM THE FULL SCOPE OF SPECIFIED EXTERIOR FAÇADE WORK. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT DAMAGE TO THE EXISTING BUILDING SYSTEMS. CONTACT ENGINEER IF EXISTING BUILDING SYSTEMS ARE NOT ABLE TO BE READILY REMOVED FOR ACCESS CONSTRUCTION OPERATIONS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL IMPLEMENT ADEQUATE SITE PROTECTION AND PROJECT WORK CONTROL MEASURES TO PROTECT BUILDING PATRONS AND THE GENERAL PUBLIC AS WELL AS TO PREVENT DAMAGE TO EXISTING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS TO REMAIN DURING PERFORMANCE OF THE FAÇADE REPAIR WORK. ANY DAMAGE TO EXISTING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS SHALL BE REPAIRED BY CONTRACTOR.
- CONTRACTOR SHALL IMPLEMENT ADEQUATE TEMPORARY WEATHERPROOFING MEASURES TO MAINTAIN THE BUILDING IN A COMPLETELY DRIED-IN CONDITION THROUGHOUT ALL PHASES OF THE FAÇADE REPAIR CONSTRUCTION. CONTRACTOR SHALL REIMBURSE OWNER FOR ANY WATER INFILTRATION RELATED DAMAGE FROM IMPROPER CONSTRUCTION WORK PROCESSES. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
- SEE DETAIL SHEETS (BE-4#4# SERIES) FOR ADDITIONAL INFORMATION. CONTRACTOR IS ADVISED THAT LIMITED INFORMATION IS AVAILABLE FOR AREAS INDICATED IN KEY NOTES. REPAIR ITEMS AND AS-BUILT CONSTRUCTION MAY VARY FROM AS SHOWN ON THE APPLICABLE BE-4#4# SERIES DRAWING SHEETS. CONTRACTOR SHALL INFORM ENGINEER AND CONTRACTOR IF DISCREPANCIES ARE OBSERVED BETWEEN THE ACTUAL AS-BUILT CONSTRUCTION AND THE DRAWINGS.

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : D25.2407.00
 Drawn By : AN
 Approved By : RCP
 Checked By : EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

Seal and Signature :


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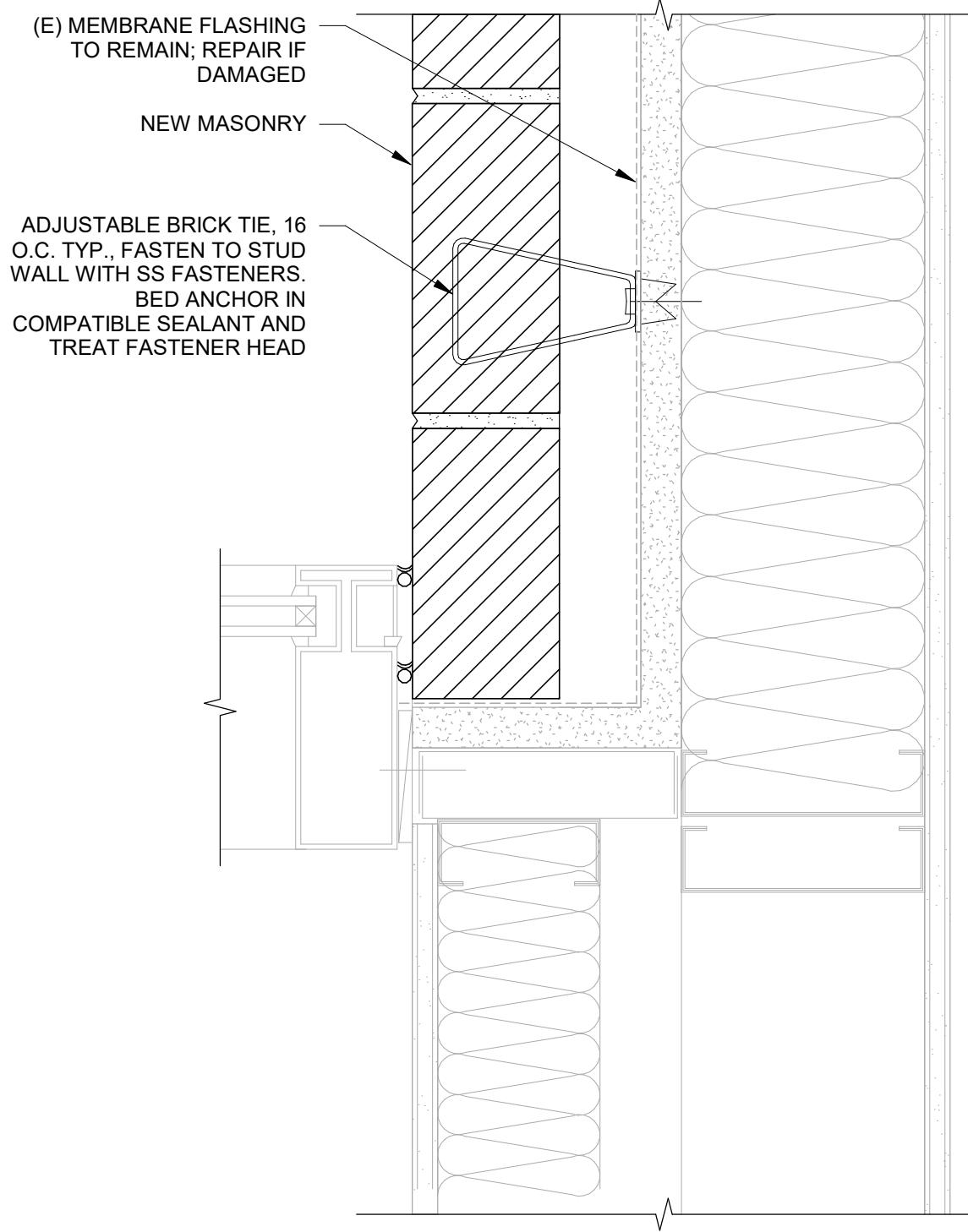
Drawing Title :

**FACADE REPAIR
DETAILS**

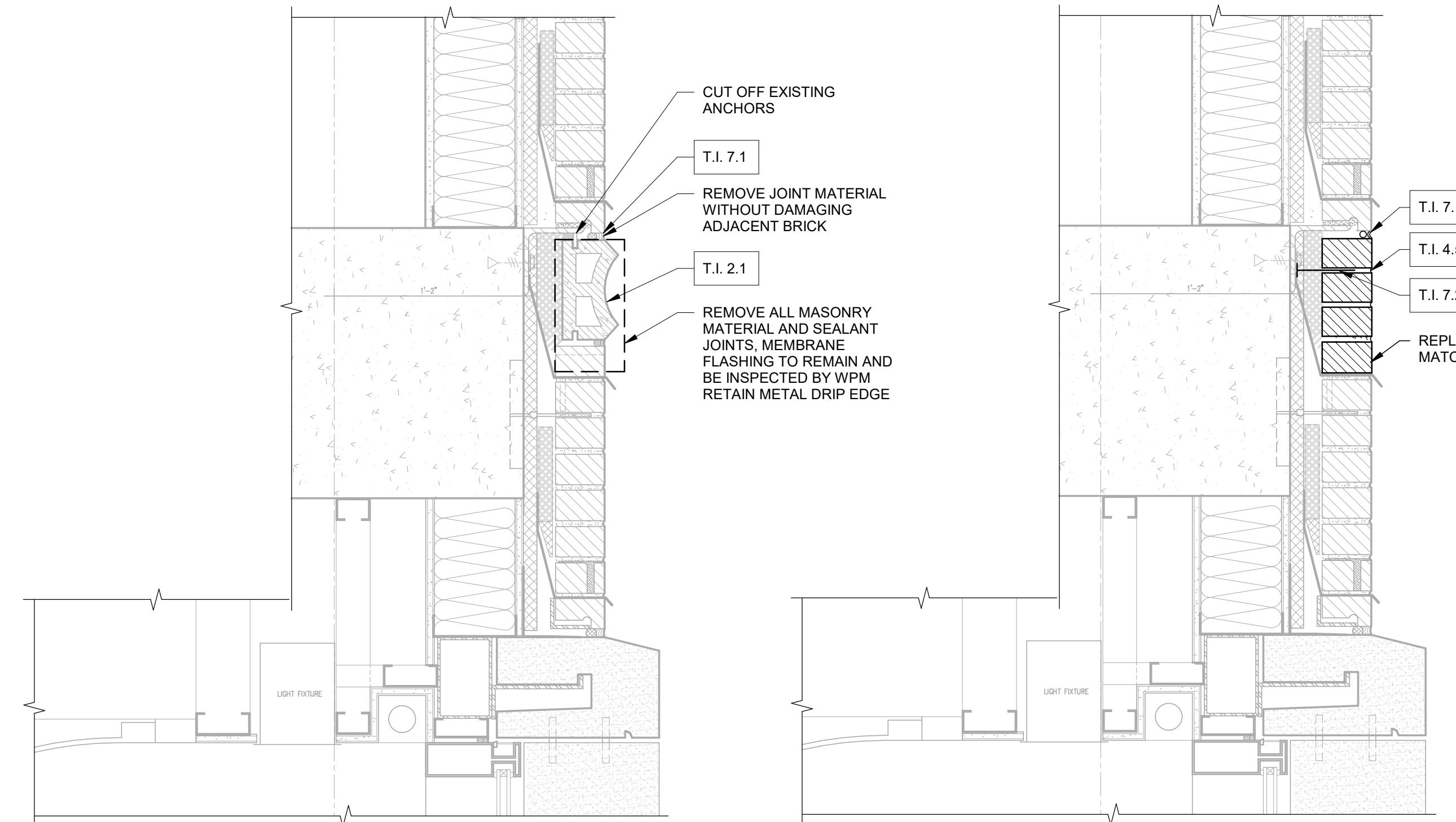
Sheet No. :

BE-400A

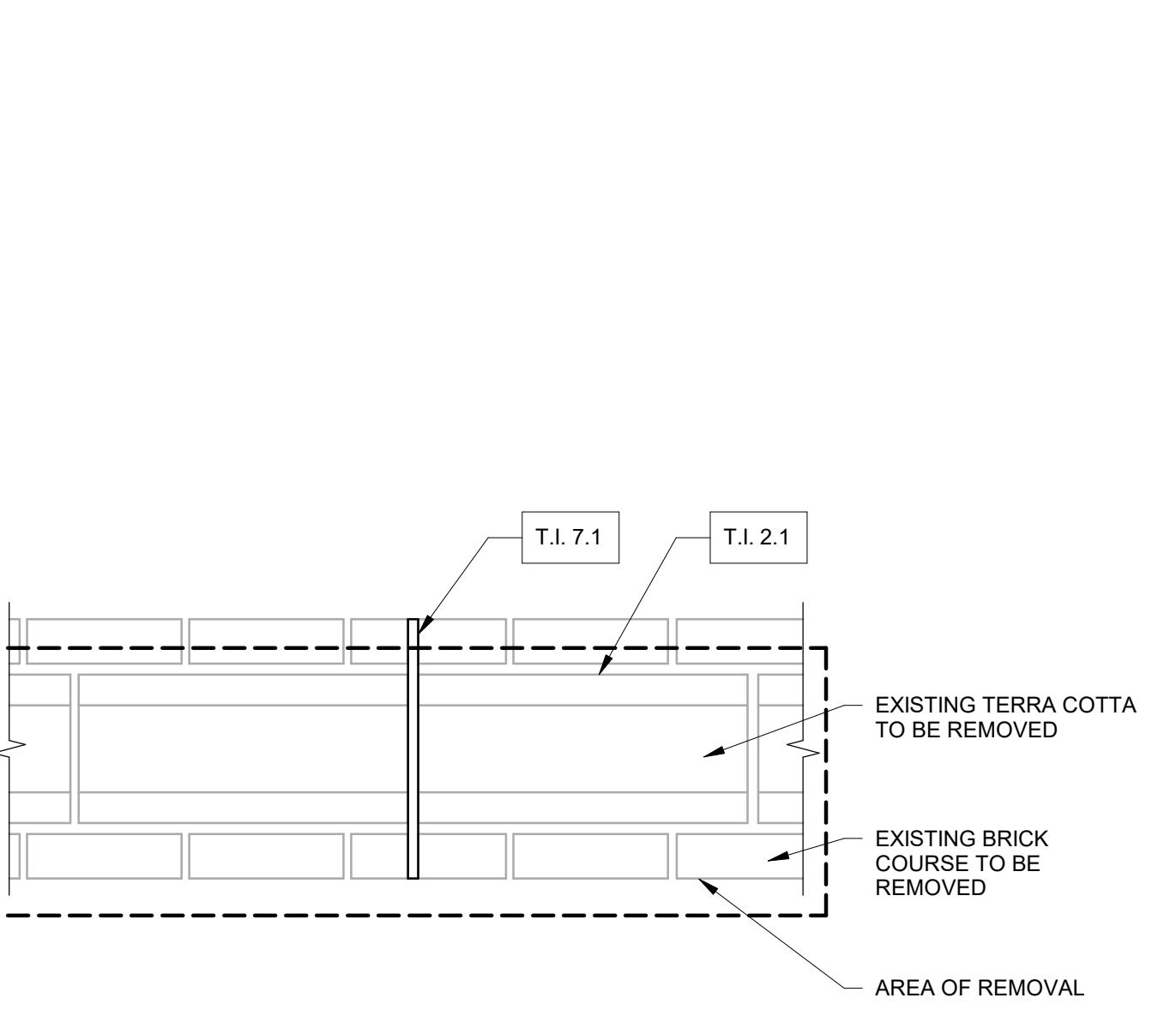
BASE BID: HOOKER RESEARCH CENTER



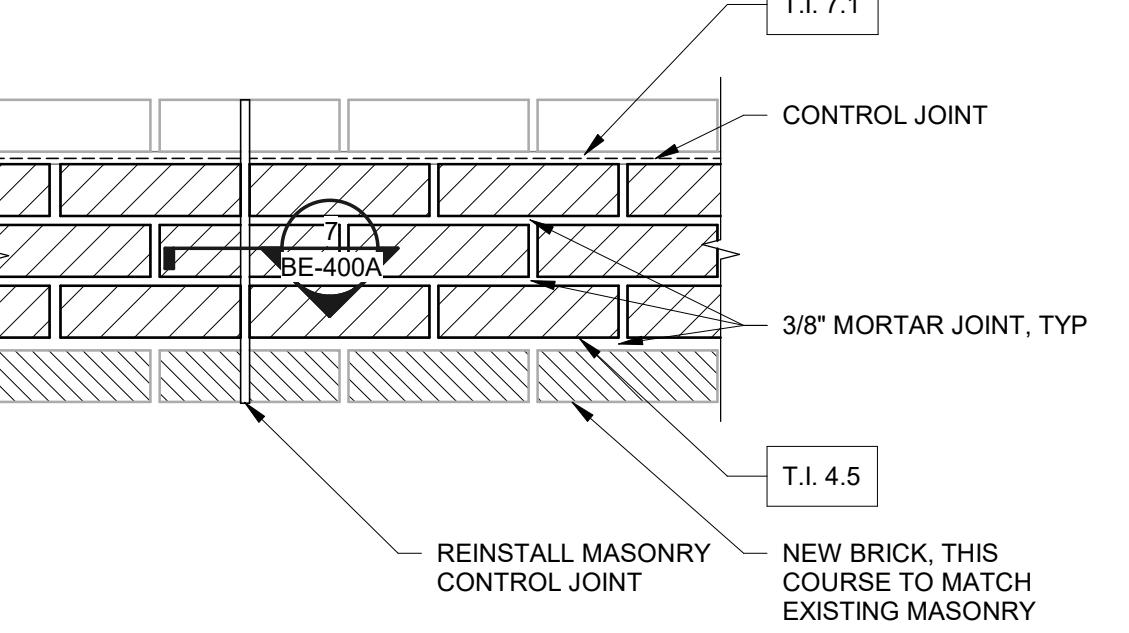
**PLAN SECTION AT
INTERFACE OF BRICK AND WINDOW WALL**
NO SCALE



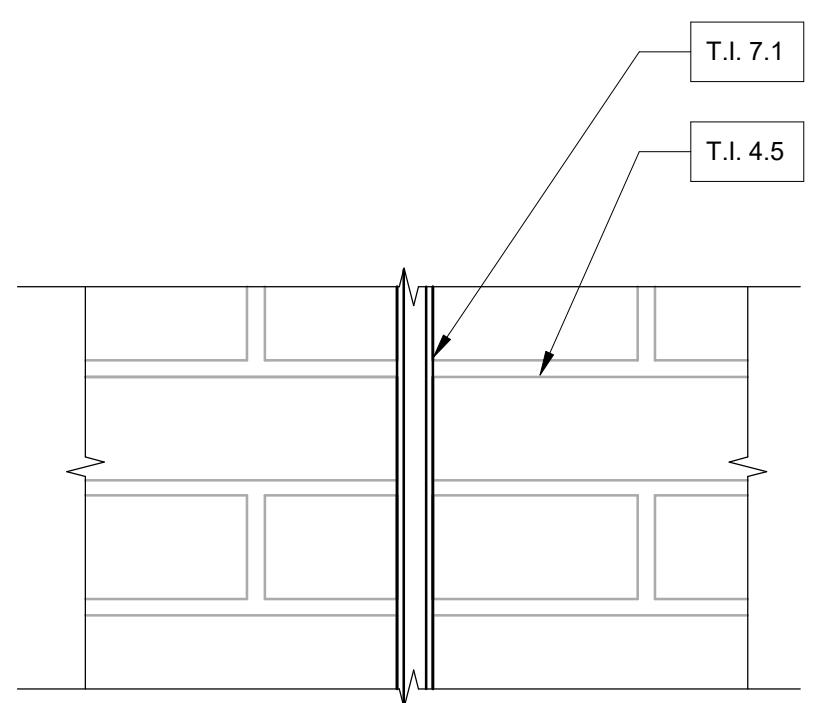
4 EXISTING TERRA COTTA BAND SECTION DETAIL
NO SCALE



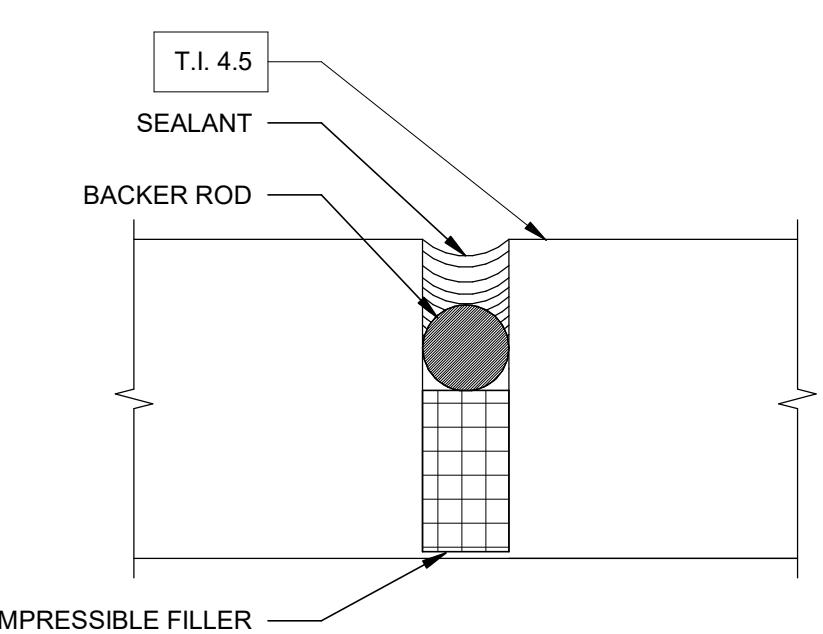
2 EXISTING TERRA COTTA ELEVATION
NO SCALE



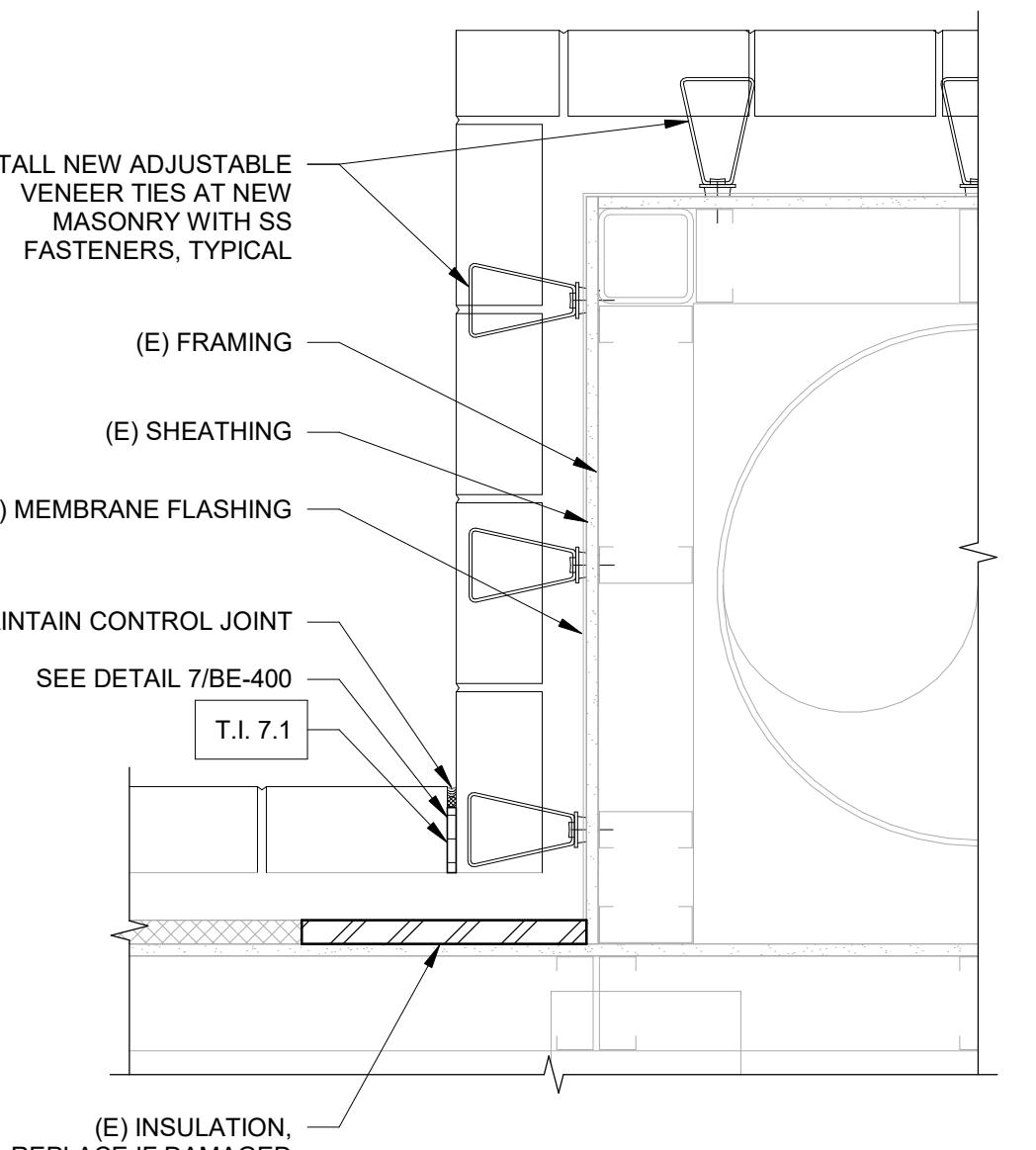
1 NEW REPLACEMENT BRICK ELEVATION
NO SCALE



3 NEW REPLACEMENT BRICK SECTION DETAIL
NO SCALE



4 EXISTING TERRA COTTA BAND SECTION DETAIL
NO SCALE



1 NEW REPLACEMENT BRICK ELEVATION
NO SCALE



8 ELEVATION DETAIL, JOINT SEALANT
NO SCALE



7 TYPICAL PLAN DETAIL JOINT SEALANTS
NO SCALE

TASK ITEM	DESCRIPTION
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 2.1	DEMOLITION, ALL OF HORIZONTAL TERRA COTTA BAND AND INDICATED COURSE OF BRICK
T.I. 4.5	INSTALL NEW MASONRY WITH 3/8" MORTAR JOINT, TYP
T.I. 7.1	REMOVE EXISTING SEALANT JOINT, PREPARE AND CLEAN, PRIME AND INSTALL BACKER ROD AND BOND BREAKER TAPE. INSTALL NEW SEALANT JOINT, TOOL JOINT CONCAVE.
T.I. 7.2	WELD NEW ADJUSTABLE BRICK TIES TO STEEL ANGLE AT 16" O.C.

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Drawing Title :

**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW EAST**

 Project Address:
 223 EAST CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A
 Issues/Revisions:

ISSUED FOR CONSTRUCTION		
No.	Date	Description
11/01/2024		SCHEMATIC DESIGN
04/24/2025		50% CDS
07/01/2025		100% CDS
10/03/2025		ISSUED FOR CONSTRUCTION

 Project Number : D25.2407.00
 Drawn By : AN
 Approved By : RCP
 Checked By : EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
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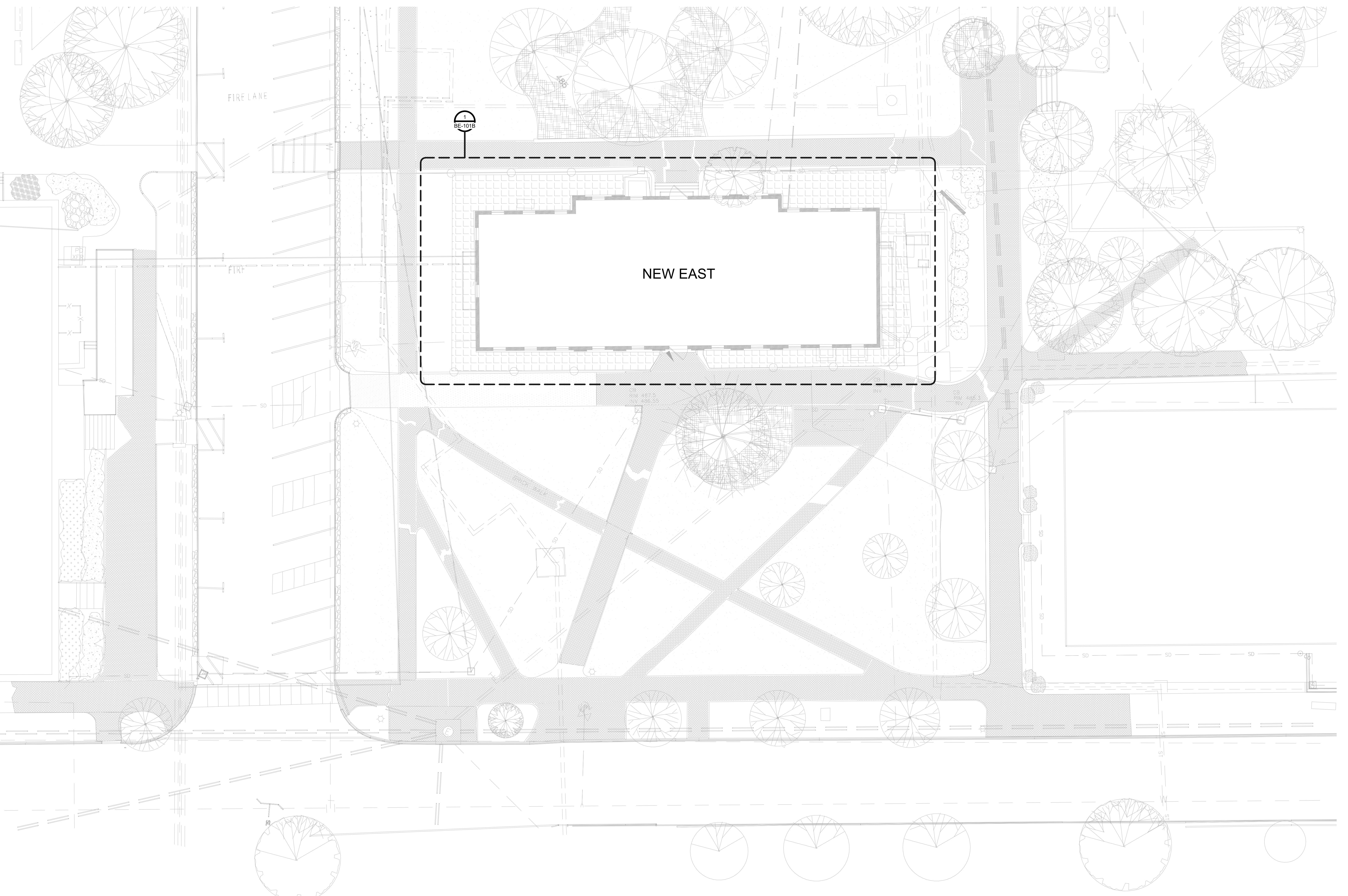
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Drawing Title :

**SITE & PHASING
PLAN**

Sheet No.:

BE-100B

 SHEET NOTES:
 1. BUILDING SITE PLAN IS BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY JOSEPH K. OPPERMANN-ARCHITECT, P.A. DATED MARCH 31, 2005. SITE PLAN MAY NOT ACCURATELY REFLECT CURRENT SITE CONDITIONS WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.

 N
 1
SITE & PHASING PLANS
 NO SCALE

ALTERNATE #1: NEW EAST

**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW EAST**

 Project Address:
 223 EAST CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A

Issues/Revisions:

**ISSUED FOR
CONSTRUCTION**

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04/24/2025		50% CDS
07/01/2025		100% CDS
10/03/2025		ISSUED FOR CONSTRUCTION

 Project Number : D25-2407-00
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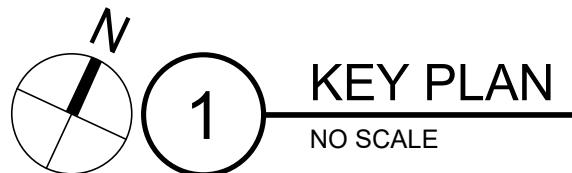
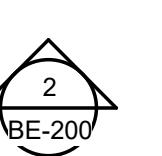
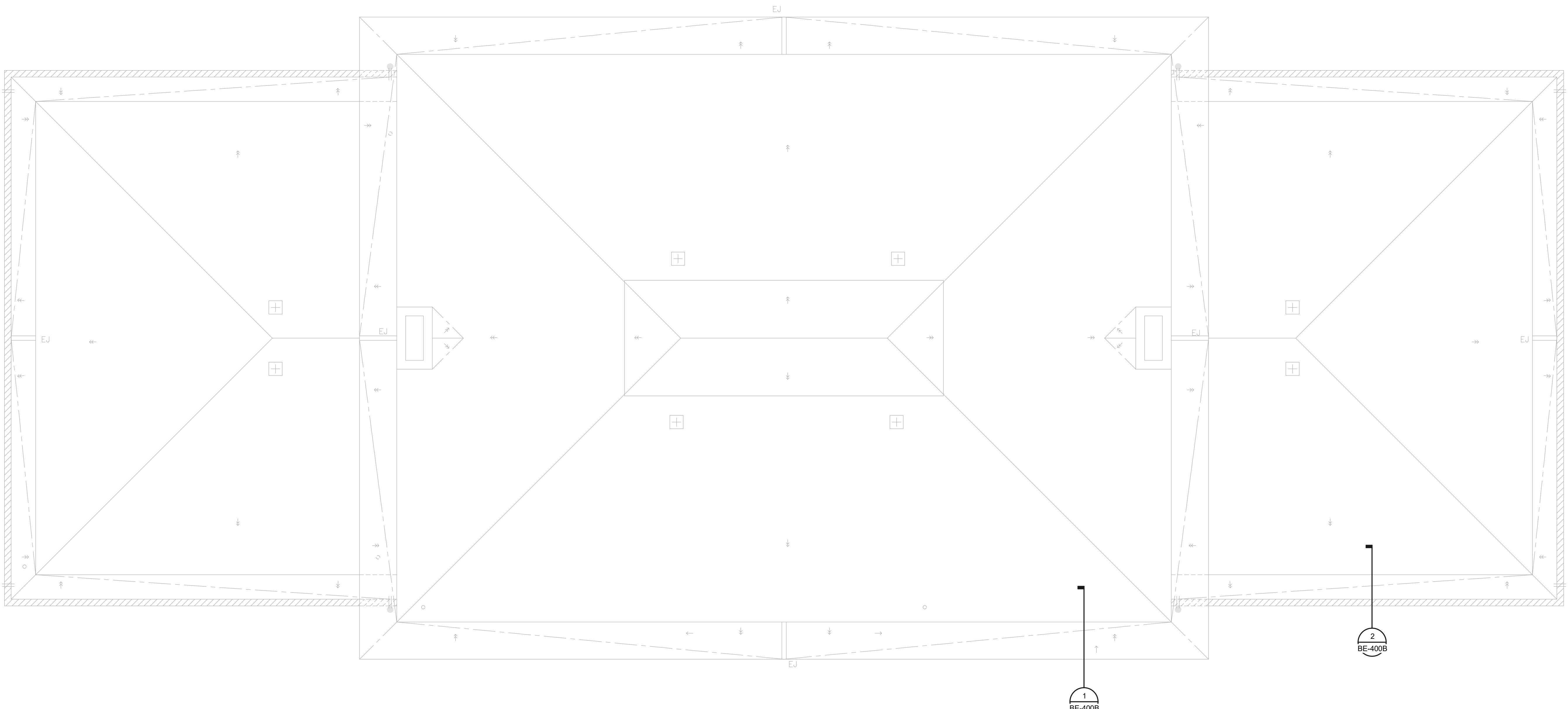
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Drawing Title :

KEY PLAN

Sheet No.:

BE-101B

KEY PLAN
 NO SCALE

ALTERNATE #1: NEW EAST



Walter P Moore and Associates, Inc.
301 Hillsborough St, Suite 930,
Raleigh, North Carolina 27603

919.673.3268

ct Name:

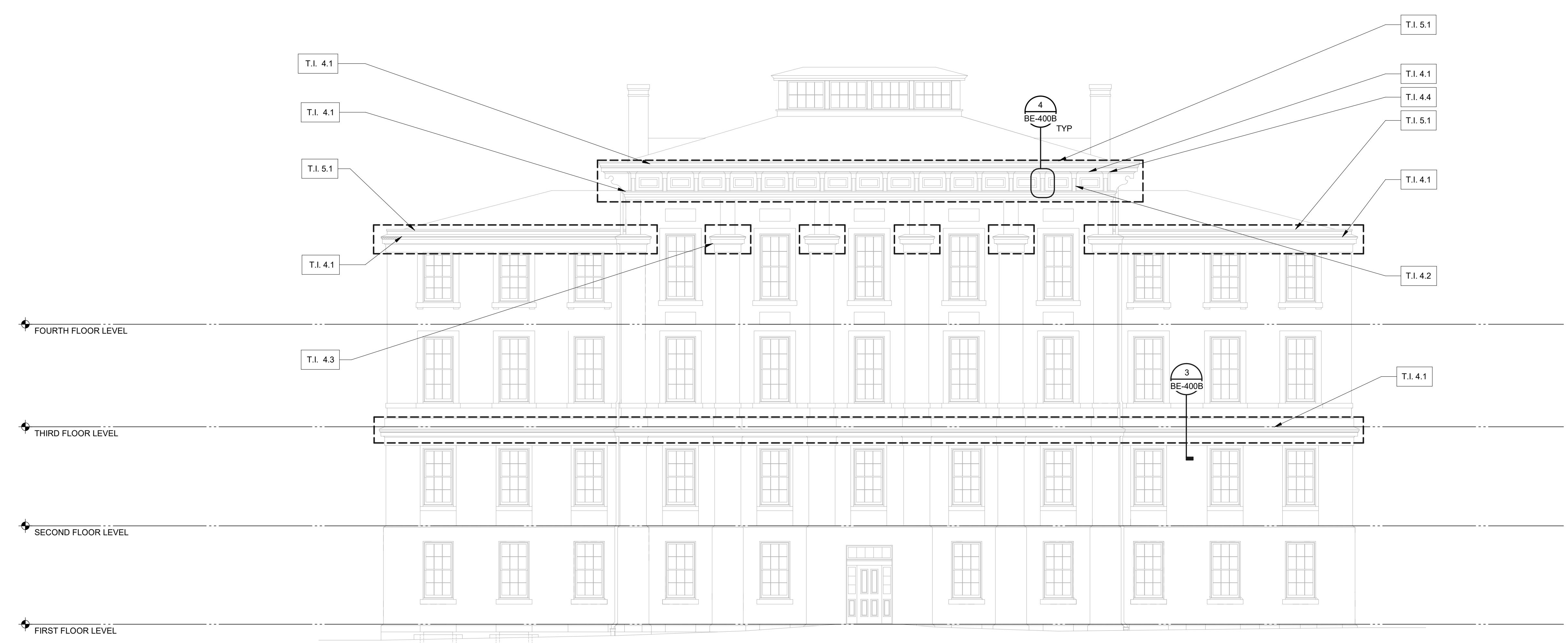
CAMPUSWIDE ENVELOPE REPAIRS - NEW EAST

Exact Address:

EAST CAMEROON

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Consultants / Discipline :

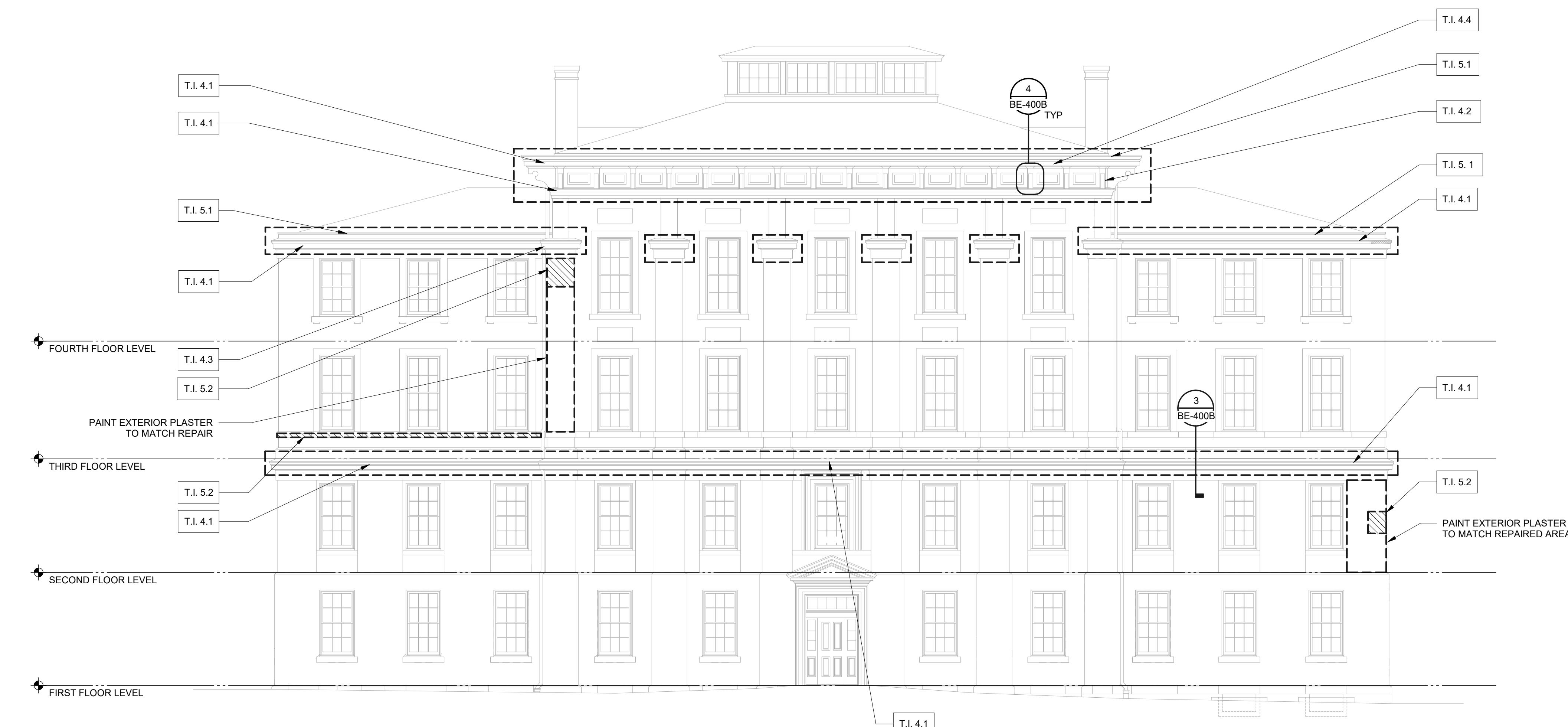


TASK ITEM	DESCRIPTION B: ALTERNATE #1
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS; PROBE CORNICE FOR UNSOUND MATERIAL. REPAIR WOOD CORNICE THROUGH REMOVAL AND REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.2	REMOVE ALL EXISTING COATINGS FROM WOOD BRACKETS. PROBE WOOD BRACKETS FOR UNSOUND MATERIAL REPAIR. REPAIR THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD BRACKETS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.3	REMOVE EXISTING COATINGS FROM WOOD PILASTER CAPITALS. PROBE WOOD CAPITALS FOR UNSOUND MATERIAL. REPAIR WOOD CAPITALS THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT CAPITALS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
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T.I. 5.1	ALTERNATE #2: AT UPPER AND LOWER ROOFS, CLEAN OUT GUTTERS AND DOWNSPOUTS. APPLY ELASTOMERIC COATING TO GUTTERS.
T.I. 5.2	ALTERNATE #3: REMOVE UNSOUND PLASTER BACK TO SOLID MATERIAL. REPLACE MATERIAL WITH BROWN FINISH COAT AND PAINT TO BLEND WITH SURROUNDING PLASTER AS SPECIFIED.

1 FACADE REPAIRS - NORTH ELEVATION

$$1/8" = 1$$

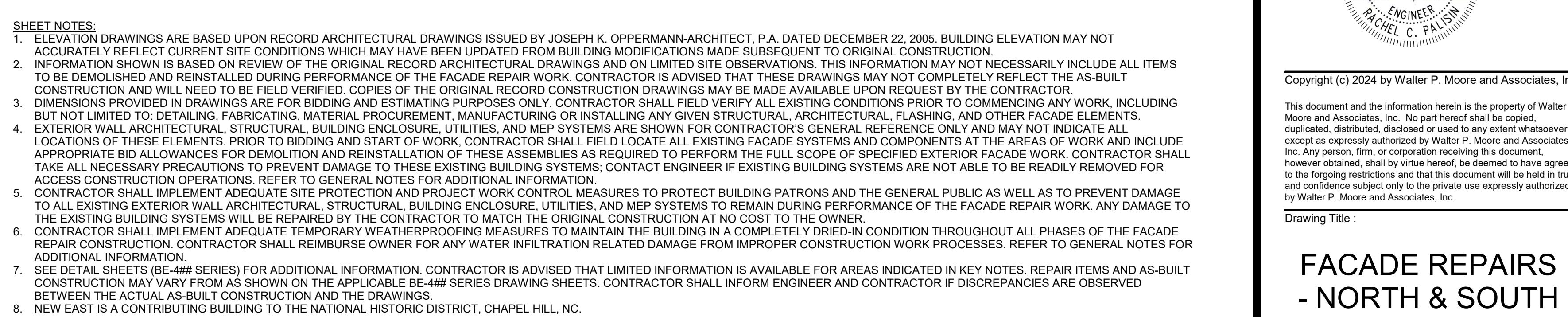
$$1/8" = 1'-0"$$



2 FACADE REPAIRS - SOUTH ELEVATION

1/8" = 1

10 of 10



ALTERNATE #1: NEW EAST

Part No. :

RF-EEP

BE-200B

**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW EAST**

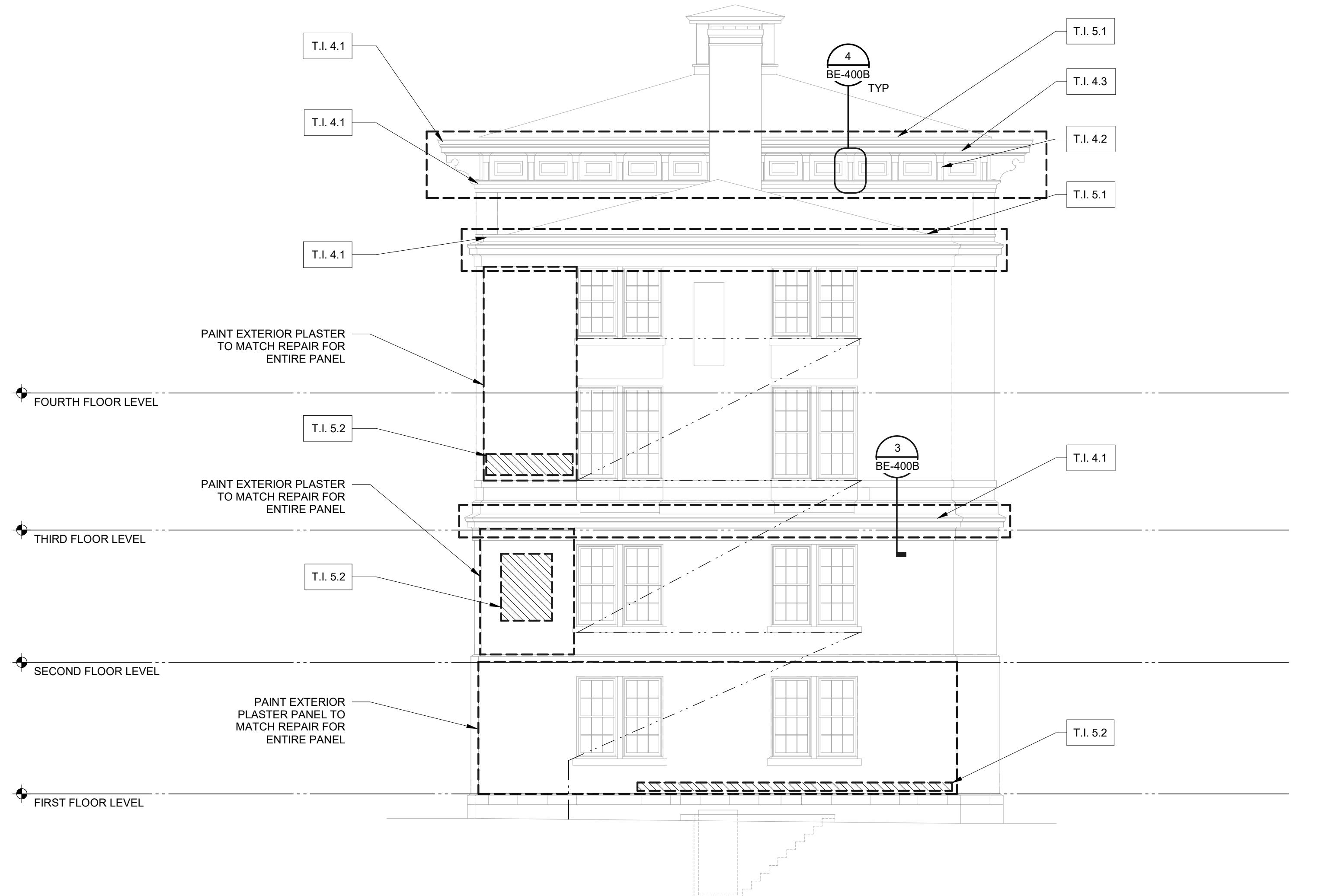
 Project Address:
223 EAST CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

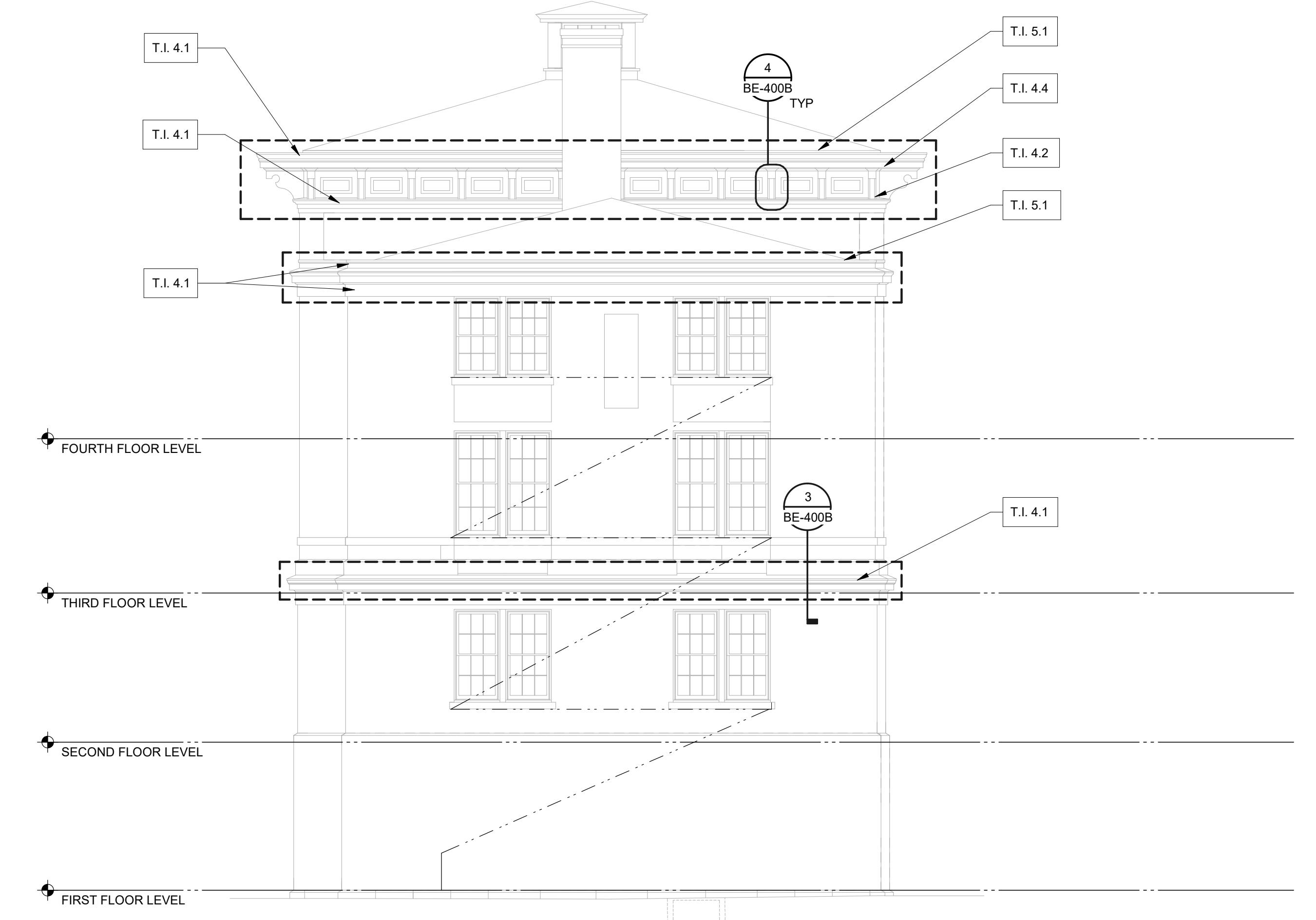
Consultants / Discipline:

TASK ITEM	DESCRIPTION B: ALTERNATE #1
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS; PROBE CORNICE FOR UNSOUND MATERIAL; REPAIR WOOD CORNICE THROUGH REPAIR AND CONSOLIDATION OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED; PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.2	REMOVE ALL EXISTING COATINGS FROM WOOD BRACKETS; PROBE WOOD BRACKETS FOR UNSOUND MATERIAL; REPAIR, REPAIR THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED; PREPARE SURFACES FOR NEW FINISH. PAINT WOOD BRACKETS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.3	REMOVE EXISTING COATINGS FROM WOOD PLASTER CAPITALS; PROBE WOOD CAPITALS FOR UNSOUND MATERIAL; REPAIR WOOD CAPITALS THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED; PREPARE SURFACES FOR NEW FINISH. PAINT CAPITALS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
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1 FACADE REPAIRS - EAST ELEVATION

1

1/8" = 1'-0"


2 FACADE REPAIRS - WEST ELEVATION

2

1/8" = 1'-0"

SHEET NOTES:

- ELEVATION DRAWINGS ARE BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY JOSEPH K. OPPERMAN-ARCHITECT, P.A. DATED DECEMBER 22, 2005. BUILDING ELEVATION MAY NOT ACCURATELY REFLECT THE CONDITIONS WHICH MAY EXIST IN THE FIELD. CONTRACTOR MAY SUBSTITUTE THE RECORD DRAWINGS FOR THE FIELD CONDITIONS.
- INFORMATION SHOWN IS BASED ON REVIEW OF THE ORIGINAL RECORD ARCHITECTURAL DRAWINGS AND ON LIMITED SITE OBSERVATIONS. THIS INFORMATION MAY NOT NECESSARILY INCLUDE ALL ITEMS TO BE DEMOLISHED AND REINSTALLED DURING PERFORMANCE OF THE FACADE REPAIR WORK. CONTRACTOR IS ADVISED THAT THESE DRAWINGS MAY NOT COMPLETELY REFLECT THE AS-BUILT CONSTRUCTION AND WILL NEED TO BE FIELD VERIFIED. COPIES OF THE ORIGINAL RECORD WORK CONSTRUCTION DRAWINGS MAY BE MADE AVAILABLE UPON REQUEST BY THE CONTRACTOR.
- DIMENSIONS PROVIDED IN DRAWINGS ARE FOR BIDDING AND ESTIMATING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK, INCLUDING DUE CONSIDERATION OF THE EXISTING CONDITIONS AND THE POSSIBLE IMPACT OF ANY REMOVAL OR REPAIR WORK ON EXISTING SYSTEMS.
- EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS ARE SHOWN FOR CONTRACTOR'S GENERAL REFERENCE ONLY AND MAY NOT INDICATE ALL LOCATIONS OF THESE ELEMENTS. PRIOR TO BIDDING AND START OF WORK, CONTRACTOR SHALL LOCATE ALL EXISTING FACADE SYSTEMS AND COMPONENTS AT THE AREAS OF WORK AND INCLUDE APPROPRIATE BID ALLOWANCES FOR DEMOLITION AND REINSTALLATION OF THESE ASSEMBLIES AS REQUIRED TO PERFORM THE FULL SCOPE OF SPECIFIED EXTERIOR FACADE WORK. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SYSTEMS AND CONSTRUCTION OPERATIONS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL IMPLEMENT ADEQUATE SITE PROTECTION AND PROJECT WORK CONTROL MEASURES TO PROTECT BUILDING PATRONS AND THE GENERAL PUBLIC AS WELL AS TO PREVENT DAMAGE TO ALL EXISTING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS TO REMAIN DURING PERFORMANCE OF THE FACADE REPAIR WORK. ANY DAMAGE TO THE EXISTING SYSTEMS SHALL BE REPAIRED BY CONTRACTOR AT NO COST TO THE OWNER.
- CONTRACTOR SHALL IMPLEMENT ADEQUATE TEMPORARY WEATHERPROOFING MEASURES TO MAINTAIN THE BUILDING IN A COMPLETELY DRIED-IN CONDITION THROUGHOUT ALL PHASES OF THE FACADE REPAIR CONSTRUCTION. CONTRACTOR SHALL REIMBURSE OWNER FOR ANY WATER INfiltrATION RELATED DAMAGE FROM IMPROPER CONSTRUCTION PROCESS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL NOTIFY EXTERIOR WALL AIR-WATER BARRIER MANUFACTURER FOR MAXIMUM ALLOWABLE UV EXPOSURE OF THIS MATERIAL AFTER REMOVAL OF FACADE ELEMENTS FOR PERFORMANCE OF REPAIRS.
- SEE DETAIL SHEETS (BE-4# SERIES) FOR ADDITIONAL INFORMATION. CONTRACTOR IS ADVISED THAT LIMITED INFORMATION IS AVAILABLE FOR AREAS INDICATED IN KEY NOTES. REPAIR ITEMS AND AS-BUILT CONSTRUCTION MAY VARY FROM AS SHOWN ON THE APPLICABLE BE-4# SERIES DRAWING SHEETS. CONTRACTOR SHALL INFORM ENGINEER AND CONTRACTOR IF DISCREPANCIES ARE OBSERVED BETWEEN THE ACTUAL AS-BUILT CONSTRUCTION AND THE DRAWINGS.
- NEW EAST IS A CONTRIBUTING BUILDING TO THE NATIONAL HISTORIC DISTRICT, CHAPEL HILL, NC.

ALTERNATE #1: NEW EAST

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Drawing Title:

**FACADE REPAIRS
- EAST & WEST
ELEVATIONS**

Sheet No.:

BE-201B

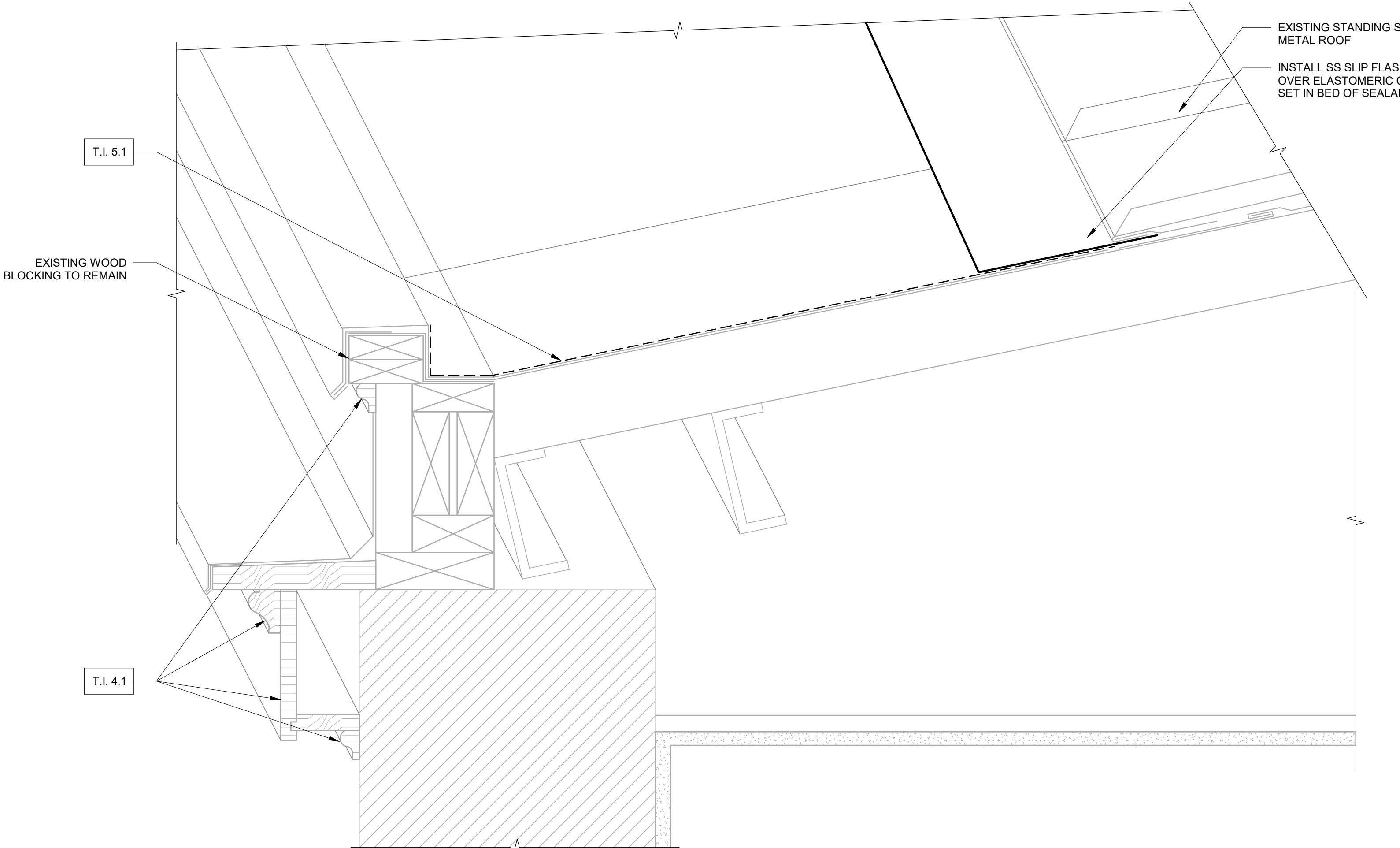
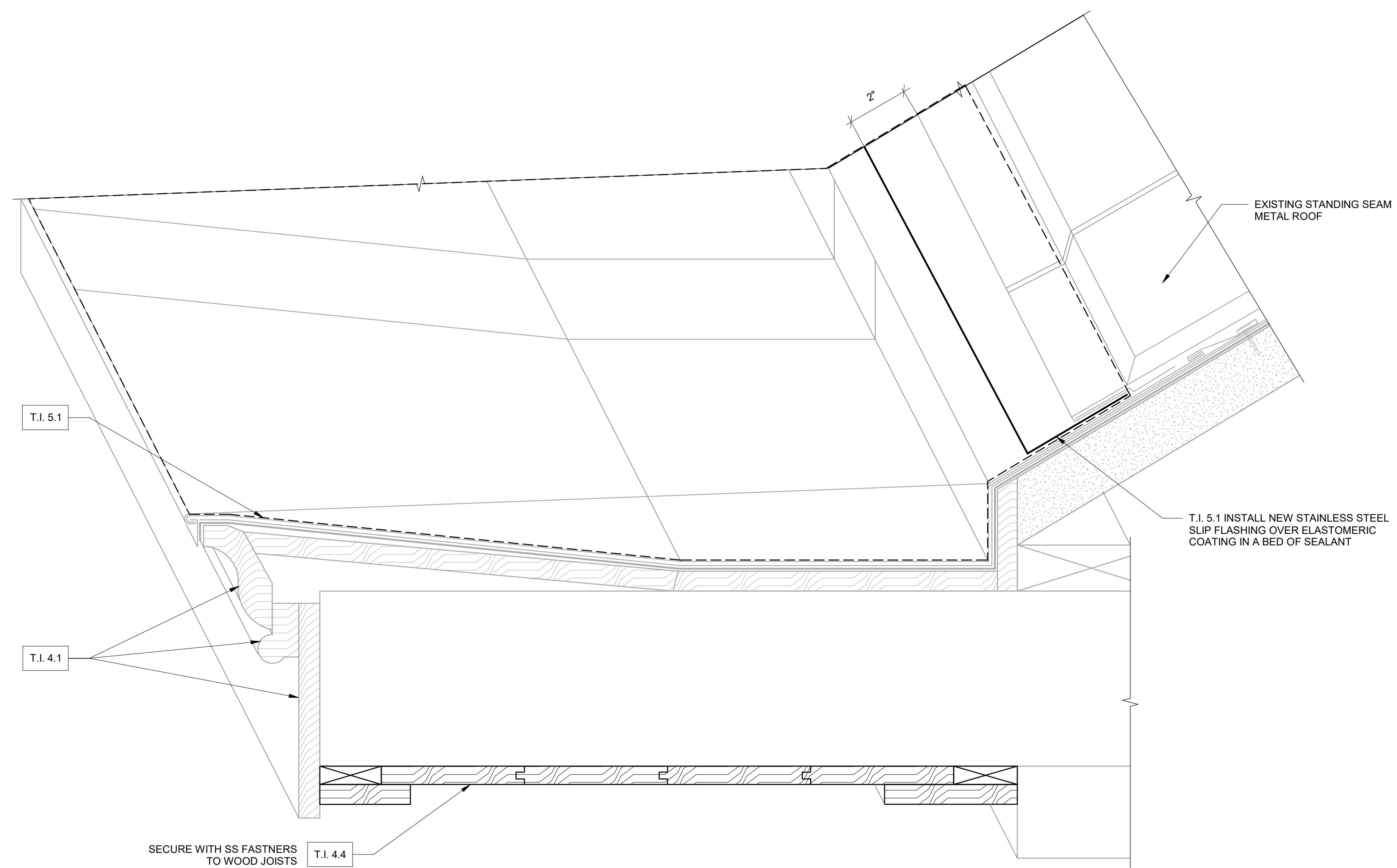
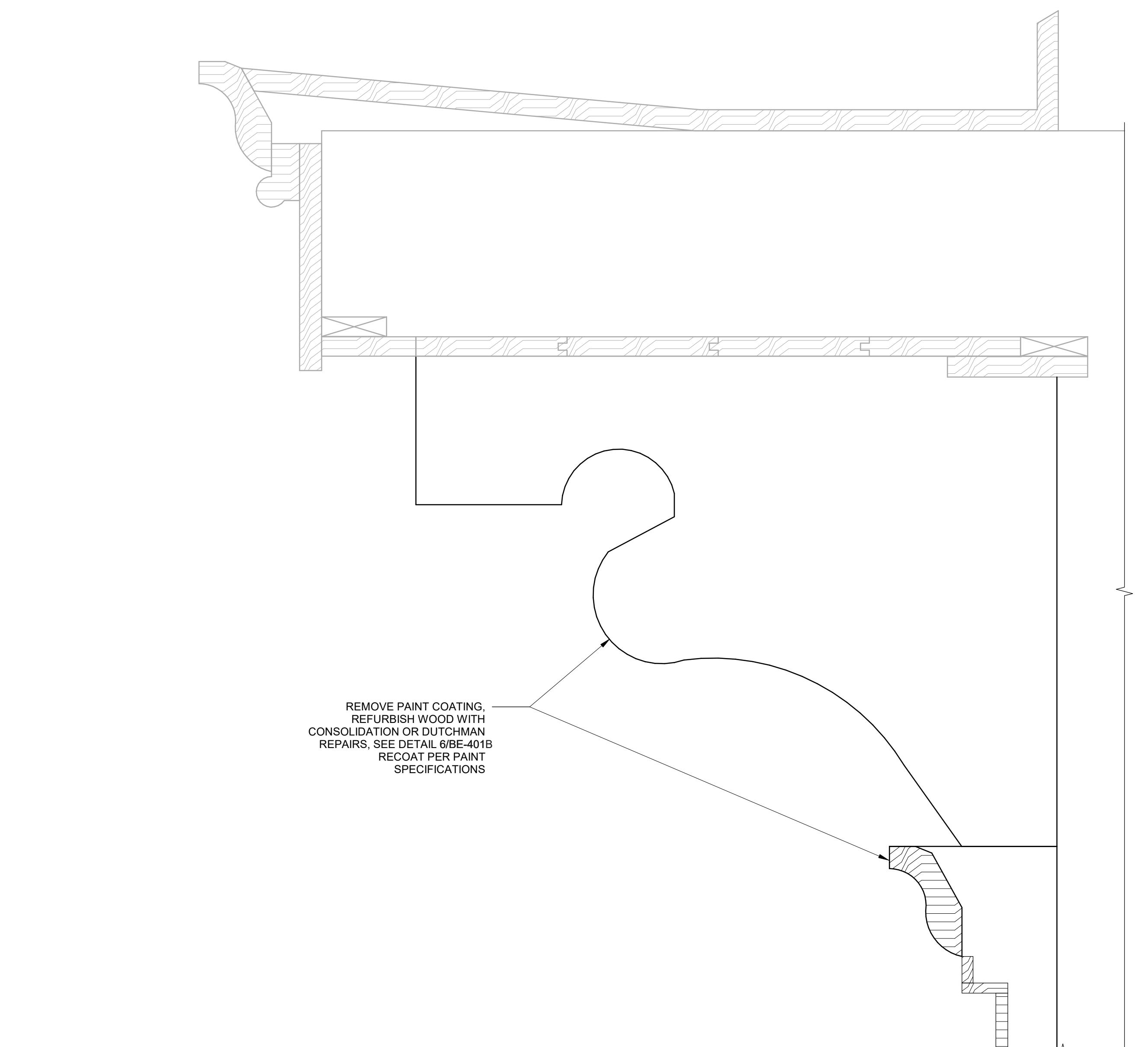
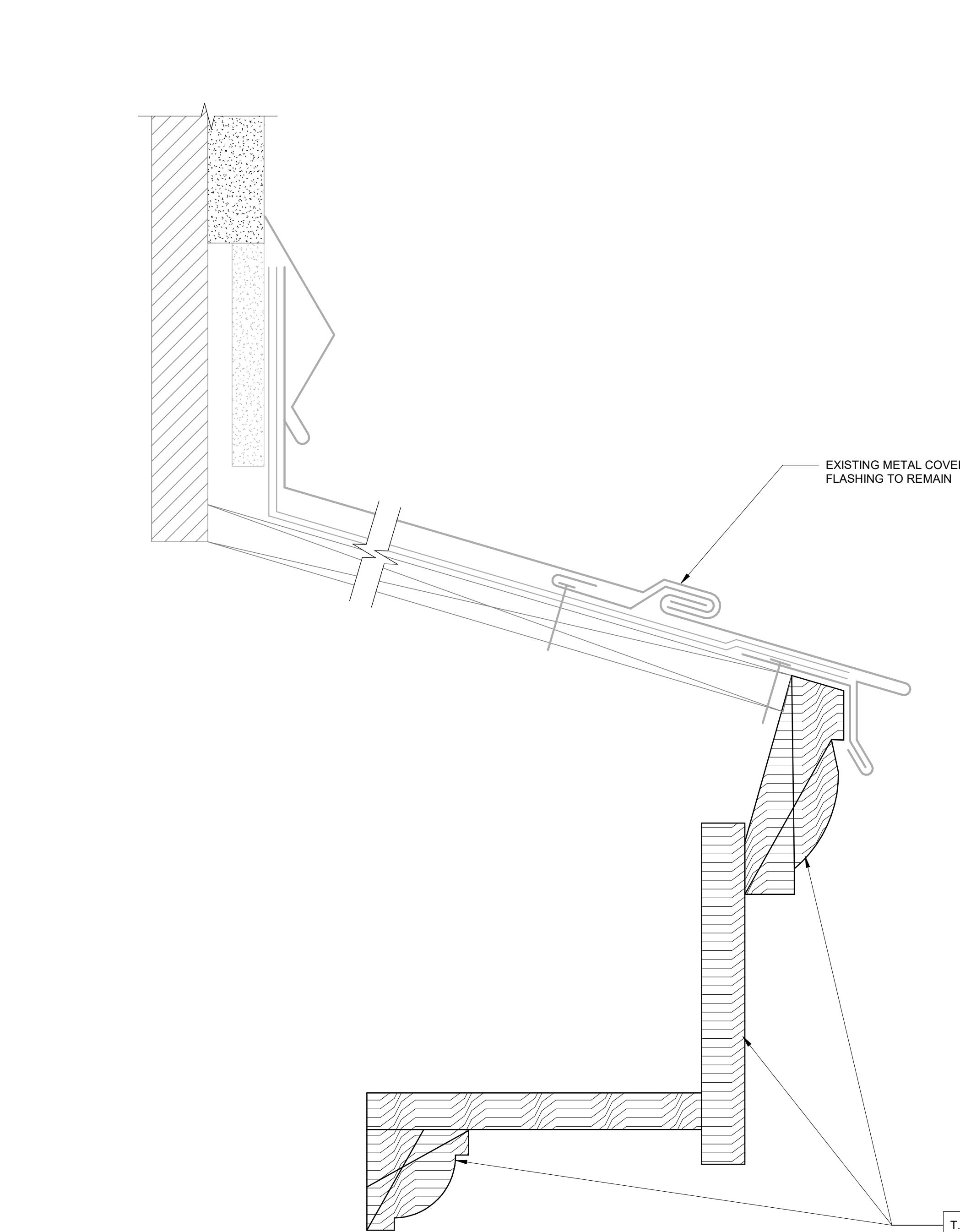
**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW EAST**

 Project Address:
 223 EAST CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:


2 LOWER ROOF GUTTER SECTION
NO SCALE

1 UPPER ROOF GUTTER SECTION
NO SCALE

4 SECTION THROUGH BRACKETS AT UPPER CORNICE
NO SCALE

3 SECTION THROUGH CORNICE BETWEEN 2ND/3RD FLOORS
NO SCALE

ALTERNATE #1: NEW EAST

Keyplan:

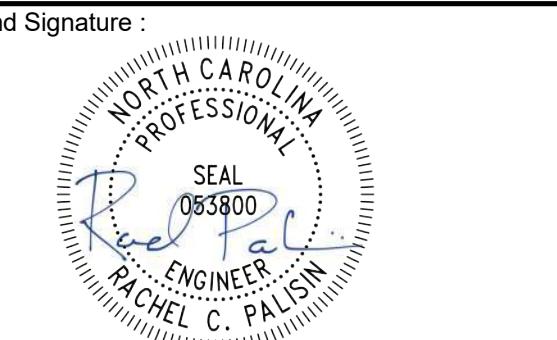
SCO #24-237837-01A

Issues/Revisions:

**ISSUED FOR
CONSTRUCTION**

No.	Date	Description
11/01/2024	SCHEMATIC DESIGN	
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : D25.2407.00
 Drawn By : AN
 Approved By : RCP
 Checked By : EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

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Drawing Title:

 REPAIR DETAILS
Sheet No.:

BE-400B

TASK ITEM 4.2

TASK ITEM 4.1

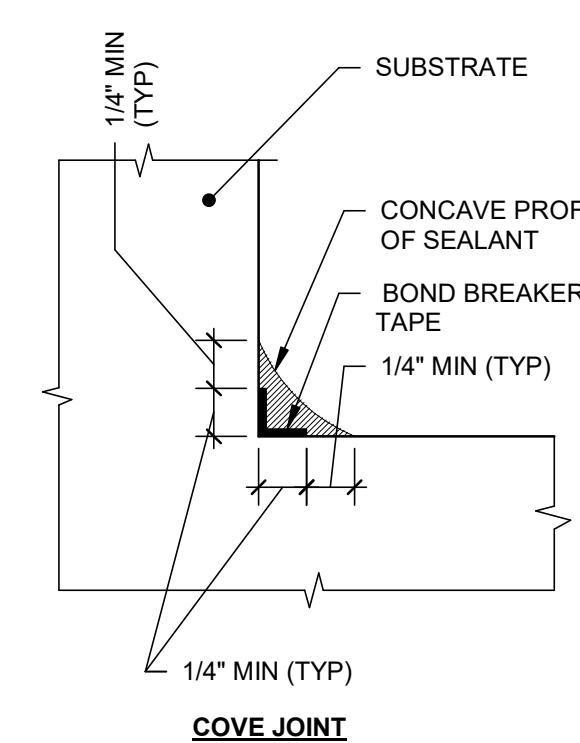
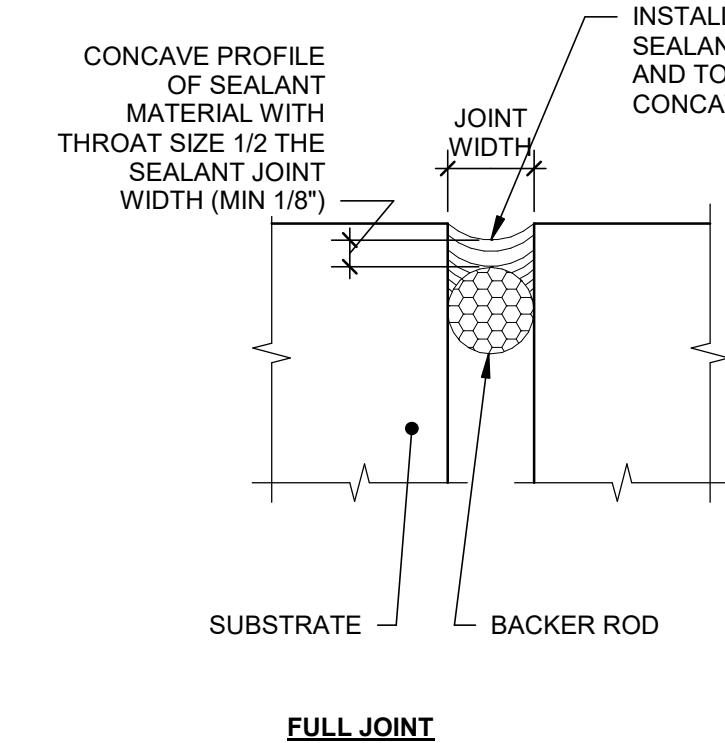
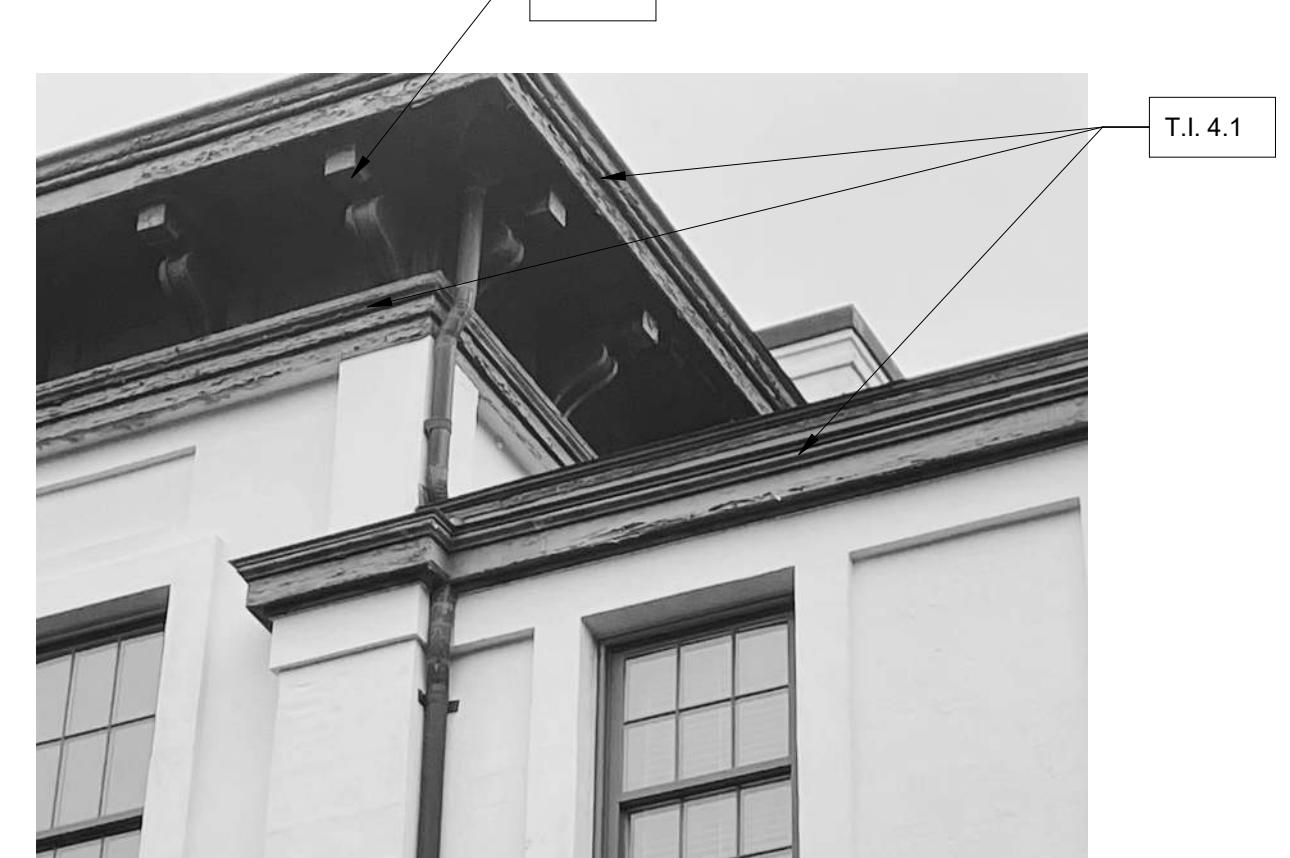
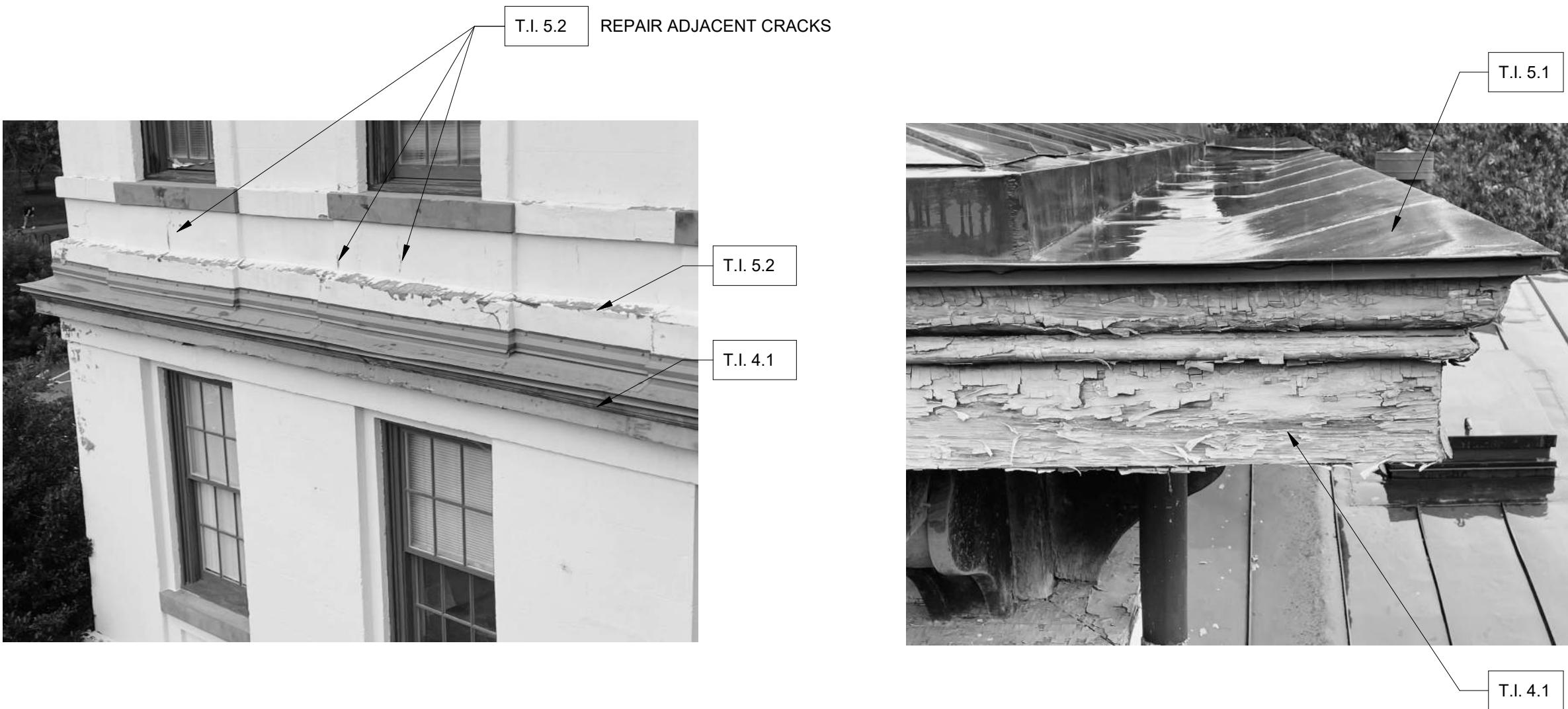
**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW EAST**

 Project Address:
 223 EAST CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:



NOTES:

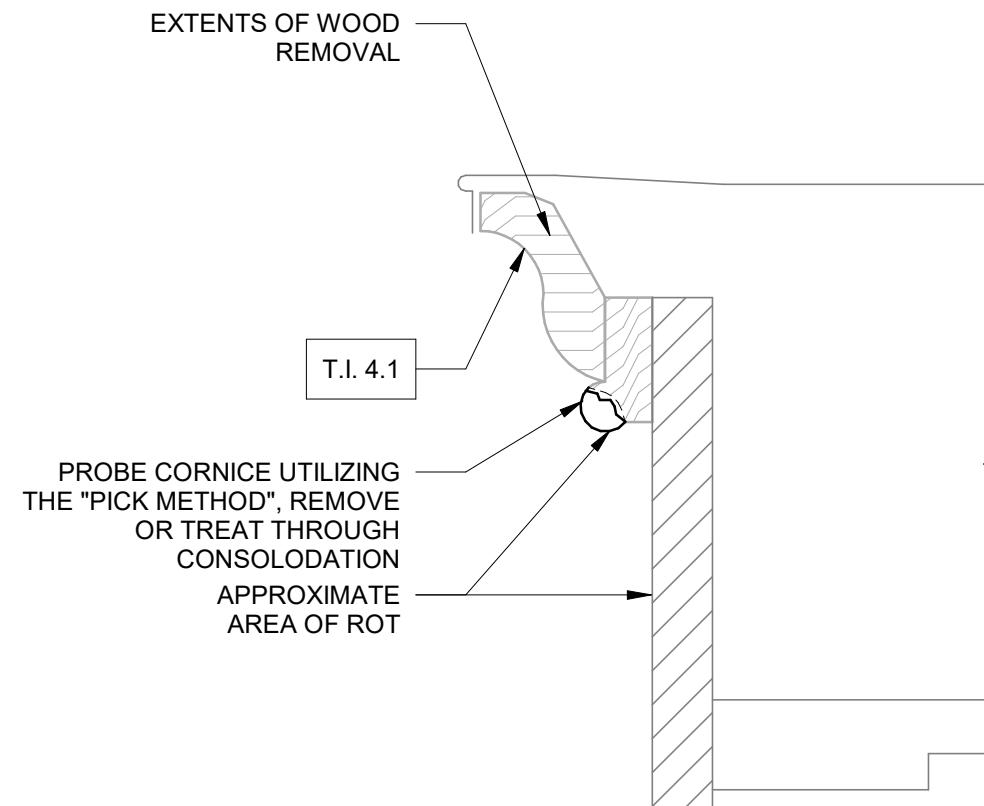
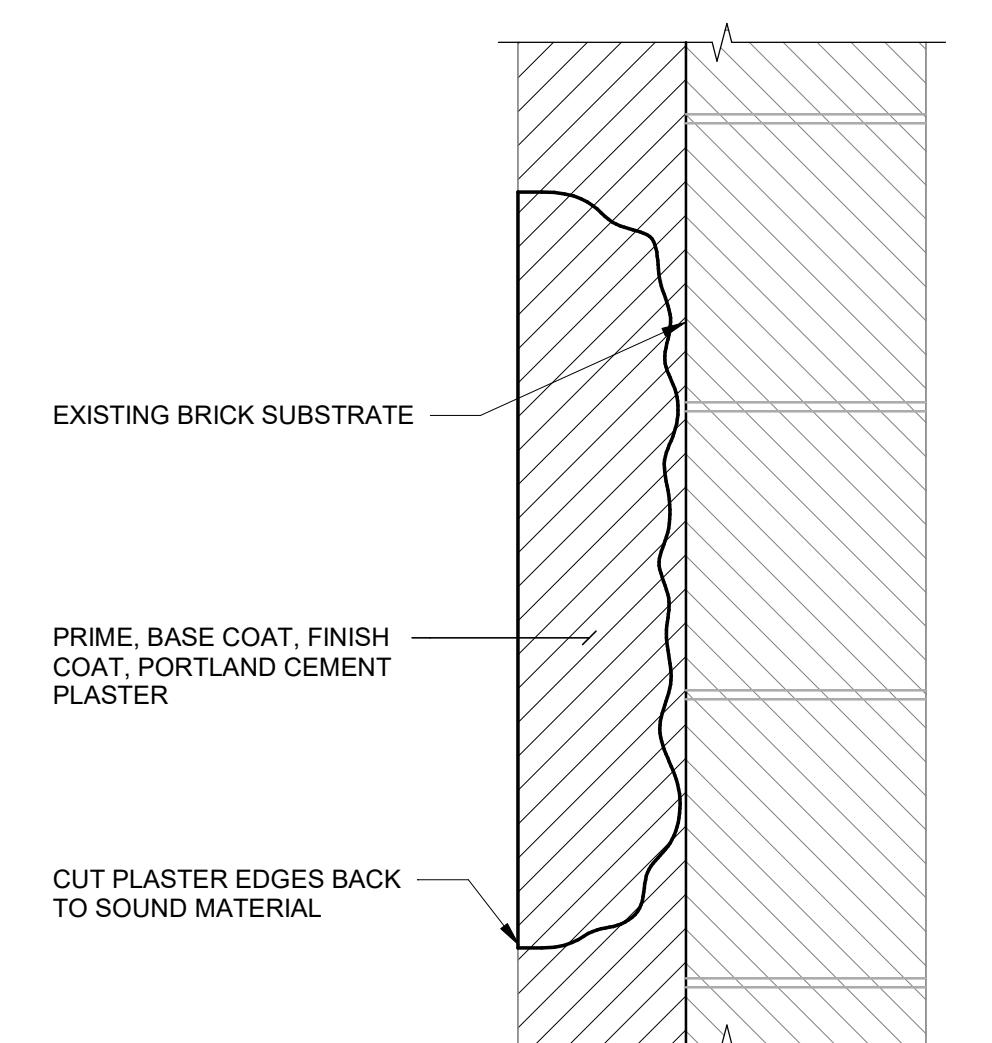
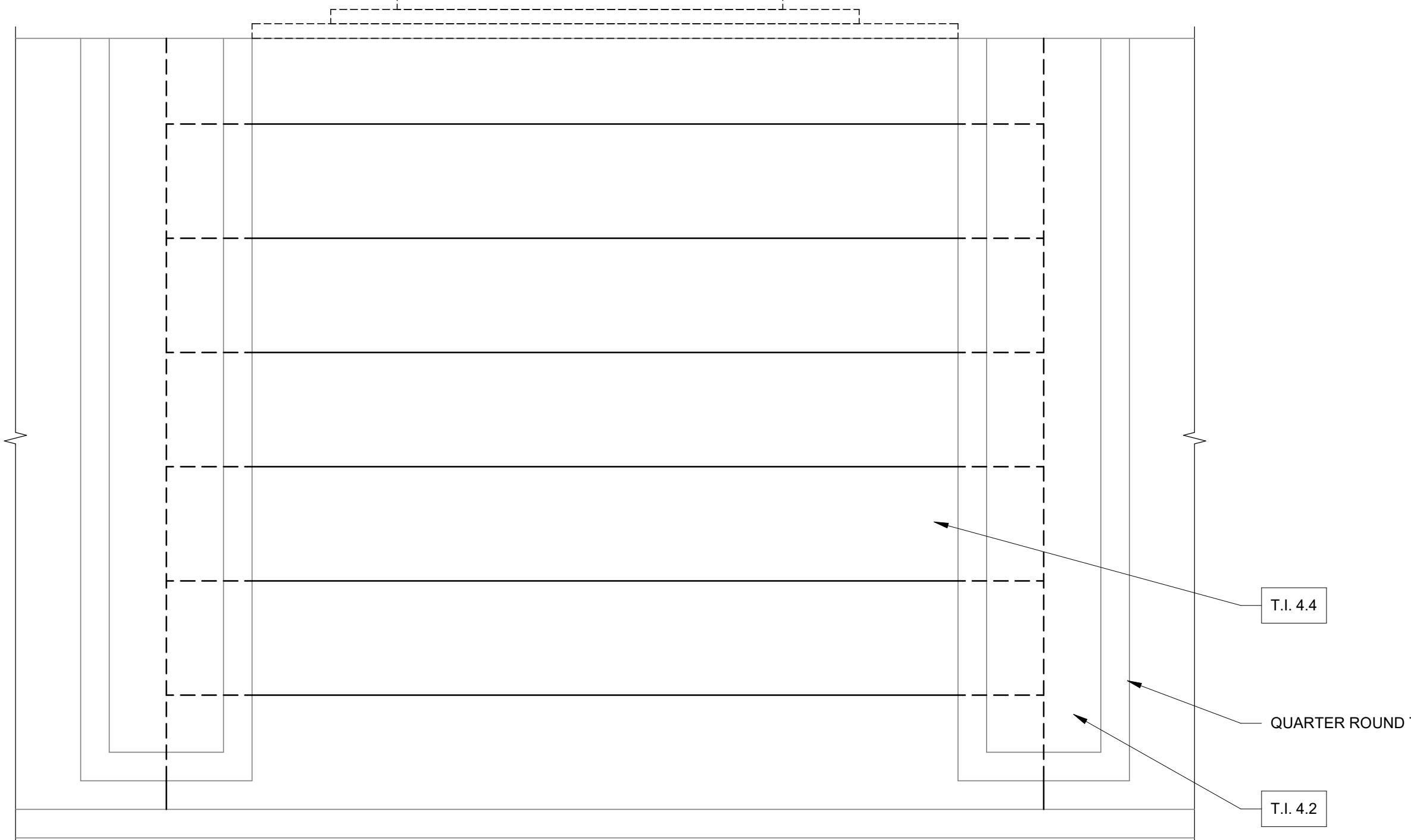
1. REMOVE EXISTING JOINT SEALANT AND BACKER ROD MATERIAL IF PRESENT.
2. CLEAN ALL SURFACES WITHIN JOINT BEFORE FILLING WITH SEALANT.
3. INSTALL BOND BREAKER AND/OR BACKER ROD TO A UNIFORM DEPTH. INSTALLATION OF WAVY OR NON-UNIFORM BOND BREAKER/BACKER ROD WILL NOT BE ACCEPTABLE.
4. DO NOT OVERFILL THE JOINT.
5. REFER TO SPECIFICATIONS FOR SEALANT TYPE AND OTHER REQUIREMENTS.
6. TOOL JOINT CONCAVE.

4 CORNICE BETWEEN 2ND AND 3RD FLOORS
NO SCALE

3 UPPER ROOF CORNICE AND GUTTER
TASK ITEMS 4.1, 5.2
NO SCALE

2 UPPER AND LOWER ROOF CORNICE
TASK ITEMS 4.1, 4.2
NO SCALE

1 SEALANT JOINTS
NO SCALE



8 REFLECTED CEILING PLAN AT BRACKETS
NO SCALE

7 PORTLAND CEMENT
PLASTER ON MASONRY REPAIR DETAIL
NO SCALE

6 WOOD REPAIR
1 1/2" = 1'-0"

5 BRACKETS AT UPPER ROOF CORNICE
NO SCALE

 TASK ITEMS
ITEMS 4.1, 4.2, 4.4
NO SCALE

TASK ITEM	DESCRIPTION B: ALTERNATE #1
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS. PROBE CORNICE FOR UNSOUND MATERIAL. REPAIR WOOD CORNICE THROUGH REPAIR, AND/OR CONSOLIDATION. UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
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NOTES:

1. CONDUCT MOCK-UPS SHOWING PAINT REMOVAL BY CHEMICAL AND MECHANICAL METHODS TO DETERMINE BEST COURSE OF ACTION.
2. PROBE EXISTING WOOD BY MEANS OF "PICK METHOD" AS DESCRIBED IN SPECIFICATIONS 011015 AND 062500.

ALTERNATE #1: NEW EAST

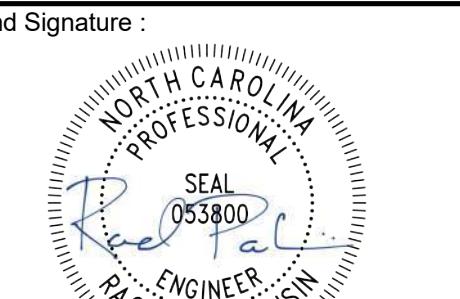
Sheet No.:

BE-401B

 Project Number : D25.2407.00
 Drawn By : AN
 Approved By : RCP
 Checked By : EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

Seal and Signature :


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Drawing Title :

REPAIR DETAILS

CAMPUSWIDE
ENVELOPE REPAIRS -
NEW WEST

 Project address:
175 E CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

 UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL

Consultants / Discipline:

 2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWHOUSES)
(Provide the following data on the building plan sheet if applicable)

PERCENTAGE OF WALL OPENING CALCULATIONS			
Fire Separation Distance (ft) from Property Line	Distance of opening (ft) (Table 504.3)	Allowable Area (%)	Actual shown on plans (%)

 Emergency Lighting: No Yes N/A - THIS PROJECT INCLUDES
Exit Signs: No Yes N/A - THIS PROJECT INCLUDES
Fire Alarm: No Yes N/A - THIS PROJECT INCLUDES
Smoke Detection System: No Yes Partial
Carbon Monoxide Detection: No Yes

Life Safety Plan Requirements:

- Free and safe egress to all locations (Chapter 7)
- Assumed and real property line locations (if not on the site plan)
- Exterior wall opening area with respect to distance to assumed property lines (704.5)
- Occupant loads for each area in relation to assumed property lines (Table 1004.1.2)
- Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
- Clear exit width for each exit door
- Actual occupant load for each exit door capacity each exit door can accommodate based on egress width (1005.5)
- A separate schematic plan indicating where fire rated floor ceiling and/or structure is provided for each exit door
- Location of doors with panic hardware (1010.1.10)
- Location of doors with electronic egress locks (1010.1.9.7)
- Location of doors equipped with hold-open devices
- The square footage of each fire area (202)
- The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
- None any code exceptions or other items that may have been utilized regarding the items above

2018 NC Administrative Code and Policies Revised 6/15/2020

 2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWHOUSES)
(Provide the following data on the building plan sheet if applicable)

FIRE PROTECTION REQUIREMENTS		N/A-NO INTERIOR WORK	
STORY NO.	DESCRIPTION AND USE	TABLE 506.2 ^a OPEN AREA PER STORY (SQUARE FEET)	TABLE 506.2 ^a AREA FOR FRONTAGE OR REAR ELEVATION (SQUARE FEET)
1 ^b	Exterior walls	4,010 sf	N/A
2 ^b	Exterior walls	4,010 sf	N/A
3 ^b	Exterior walls	4,010 sf	N/A
4 ^b	Exterior walls	4,010 sf	N/A
5 ^b	Exterior walls	4,010 sf	N/A
6 ^b	Exterior walls	4,010 sf	N/A
7 ^b	Exterior walls	4,010 sf	N/A
8 ^b	Exterior walls	4,010 sf	N/A
9 ^b	Exterior walls	4,010 sf	N/A
10 ^b	Exterior walls	4,010 sf	N/A
11 ^b	Exterior walls	4,010 sf	N/A
12 ^b	Exterior walls	4,010 sf	N/A
13 ^b	Exterior walls	4,010 sf	N/A
14 ^b	Exterior walls	4,010 sf	N/A
15 ^b	Exterior walls	4,010 sf	N/A
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97 ^b	Exterior walls	4,010 sf	N/A
98 ^b	Exterior walls	4,010 sf	N/A
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146 ^b	Exterior walls	4,010 sf	N/A
147 ^b	Exterior walls	4,010 sf	N/A
148 ^b	Exterior walls	4,010 sf	N/A
149 ^b	Exterior walls	4,010 sf	N/A
150 ^b	Exterior walls	4,010 sf	N/A
151 ^b			

GENERAL NOTES

<p>I. DESIGN CRITERIA</p> <p>A. GENERAL BUILDING CODE</p> <ol style="list-style-type: none"> THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE INTERNATIONAL EXISTING BUILDING CODE 2018 WITH STATE OF NORTH CAROLINA AMENDMENTS. DOCUMENTS ARE BASED UPON REPAIRS OF THE EXISTING STRUCTURE. <p>III. SELECTIVE DEMOLITION</p> <p>A. DEFINITIONS</p> <ol style="list-style-type: none"> REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED. REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER READY FOR REUSE. OWNER TO IDENTIFY ITEMS TO BE REUSED OR SALVAGED. EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED. <p>B. MATERIAL OWNERSHIP</p> <ol style="list-style-type: none"> EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM PROJECT SITE. THE MATERIALS REMOVED SHALL BE DISPOSED OF IN A PROPER AND LEGAL MANNER PER FEDERAL/STATE OR LOCAL ORDINANCES. <p>C. PROJECT CONDITIONS</p> <ol style="list-style-type: none"> MAINTAIN ACCESS TO EXISTING WALKWAYS, CORRIDORS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION. OWNER ASSUMES NO RESPONSIBILITY FOR CONDITION OF AREAS TO BE SELECTIVELY DEMOLISHED. <ol style="list-style-type: none"> CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSE WILL BE MAINTAINED BY OWNER AS FAR AS PRACTICAL. UTILITY SERVICE: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. <p>D. UTILITY SERVICES</p> <ol style="list-style-type: none"> REFER TO DIVISION 01 SECTIONS REGARDING REQUIREMENTS FOR MAINTAINING EXISTING UTILITIES IN SERVICE AND FOR INTERRUPTIONS OF EXISTING UTILITIES. <p>E. PREPARATION</p> <ol style="list-style-type: none"> CONTRACTOR TO MAINTAIN ACCESS TO EXITS AND EXIT STAIRS AT ALL TIMES. FIRE ALARMS AND SMOKE DETECTION SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES. PROTECT SMOKE DETECTORS AS REQUIRED AND IN CONFORMANCE TO LOCAL CODES AND LOCAL AUTHORITIES. TEMPORARY FACILITIES: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. <ol style="list-style-type: none"> PROVIDE PROTECTION TO ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA AND TO AND FROM OCCUPIED PORTIONS OF ADJACENT FACILITIES. CONTRACTOR TO PROVIDE ALL NECESSARY TRAFFIC CONTROL AND PEDESTRIAN CONTROL MEASURES AS REQUIRED. <p>F. POLLUTION CONTROLS</p> <ol style="list-style-type: none"> REFER TO DIVISION 01 SPECIFICATION SECTIONS FOR REQUIREMENTS ON DUST CONTROL, DISPOSAL, AND CLEANING OF DEMOLISHED MATERIAL. <p>G. EXECUTION OF SELECTIVE DEMOLITION</p> <ol style="list-style-type: none"> GENERAL: DEMOLISH EXISTING CONSTRUCTION AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS: <ol style="list-style-type: none"> USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY. EXISTING FACILITIES: COMPLY WITH OWNER'S REQUIREMENTS FOR USING AND PROTECTING OTHER BUILDING FACILITIES DURING SELECTIVE DEMOLITION OPERATIONS. <p>H. DISPOSAL OF DEMOLISHED MATERIALS</p> <ol style="list-style-type: none"> GENERAL: PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. BURNING: DO NOT BURN DEMOLISHED MATERIALS. DISPOSAL: TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. <p>III. SUBMITTALS</p> <p>A. SUBMITTAL LIST AND SCHEDULE</p> <ol style="list-style-type: none"> THE CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL SUBMITTAL ITEMS TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO THE START OF CONSTRUCTION. THIS LIST SHALL BE UPDATED AND REVISED AND KEPT CURRENT AS THE JOB PROGRESSES. THE SUBMITTAL LIST SHALL BE ORGANIZED AS SHOWN BELOW: <ol style="list-style-type: none"> SHOP DRAWINGS PRODUCT TECHNICAL DATA <p>B. REPRODUCTION</p> <ol style="list-style-type: none"> THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON. <p>IV. MISCELLANEOUS</p> <p>A. CONTRACT DOCUMENTS</p> <ol style="list-style-type: none"> IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS. <p>B. CONFLICTS IN REQUIREMENTS</p> <ol style="list-style-type: none"> WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE REPAIR CONTRACT DOCUMENTS, REPAIR DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN. <p>C. EXISTING CONDITIONS</p> <ol style="list-style-type: none"> THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ENGINEER PRIOR TO THE FABRICATION OF ANY MEMBERS. EXISTING DIMENSIONS SHOWN ON THE DRAWINGS ARE FOR GENERAL REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION OR DETAILING. PROVIDE ALL MEASURES NECESSARY TO PROTECT THE EXISTING STRUCTURE, BUILDING INTERIOR, VEHICLES, FACILITY PATRONS, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT LIMITED TO TEMPORARY BRACING, SHORING, FORMWORK, PROTECTIVE ENCLOSURES, AND TRAFFIC CONTROLS. 	<ol style="list-style-type: none"> THE CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION CONDITION SURVEY TO DOCUMENT SITE CONDITIONS PRIOR TO START OF WORK. SUBMIT SURVEY TO OWNER AND THE ENGINEER. DOCUMENT LOCATION AND CONDITION OF ANY CONSTRUCTION DESIGNATED FOR REMOVAL AND RE-INSTALLATION. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE OWNER. <p>D. ADJACENT BUILDINGS AND PROPERTY</p> <ol style="list-style-type: none"> THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO THE ADJACENT BUILDINGS AND PROPERTY. THE CONTRACTOR IS ADVISED TO PERFORM ALL PHOTOGRAPHIC SURVEYS AND OTHER DOCUMENTATION OF THE ADJACENT BUILDINGS BEFORE THE START OF AND DURING CONSTRUCTION. <p>E. CONTRACTOR SUBSTITUTIONS</p> <ol style="list-style-type: none"> ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE CONSIDERED FOR APPROVAL ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED: <ol style="list-style-type: none"> A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST. <ol style="list-style-type: none"> THE ICC ESR THAT IS SUBMITTED MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT IS PERMITTED. ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED. <p>F. THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION</p> <ol style="list-style-type: none"> PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF WALTER P. MOORE AND ASSOCIATES IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR. <p>V. DRAWING INTERPRETATION</p> <p>A. DRAWING VIEWS LABELED AS "TYPICAL"</p> <ol style="list-style-type: none"> PARTIAL PLANS, ELEVATIONS, SECTIONS, DETAILS, OR SCHEDULES LABELED WITH "TYPICAL" AT THE BEGINNING OF THEIR TITLE SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY SHOWN. THE APPLICABILITY OF THE CONTENT OF THESE VIEWS TO LOCATIONS ON THE PLAN CAN BE DETERMINED FROM THE TITLE OF THE VIEWS. SUCH VIEWS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. DECISIONS REGARDING APPLICABILITY OF THESE "TYPICAL" VIEWS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER. <p>B. ABBREVIATIONS, SYMBOLS, AND NOTATIONS</p> <table border="0"> <tbody> <tr> <td>@</td> <td>AT</td> </tr> <tr> <td>&</td> <td>AND</td> </tr> <tr> <td>#</td> <td>NUMBER</td> </tr> <tr> <td>'</td> <td>FT</td> </tr> <tr> <td>"</td> <td>IN.</td> </tr> <tr> <td>(E)</td> <td>EXISTING</td> </tr> <tr> <td>(N)</td> <td>NEW</td> </tr> <tr> <td>ASTM</td> <td>AMERICAN SOCIETY FOR TESTING AND MATERIALS</td> </tr> <tr> <td>BLDG</td> <td>BUILDING</td> </tr> <tr> <td>CJ</td> <td>CONTROL JOINT</td> </tr> <tr> <td>CL</td> <td>CENTER LINE</td> </tr> <tr> <td>CY</td> <td>CUBIC YARD</td> </tr> <tr> <td>DN</td> <td>DOWN</td> </tr> <tr> <td>EA</td> <td>EACH</td> </tr> <tr> <td>ELEV</td> <td>ELEVATION</td> </tr> <tr> <td>ENGR</td> <td>ENGINEER</td> </tr> <tr> <td>EJ</td> <td>EXPANSION JOINT</td> </tr> <tr> <td>EW</td> <td>EACH WAY</td> </tr> <tr> <td>EXIST</td> <td>EXISTING</td> </tr> <tr> <td>FT</td> <td>FT</td> </tr> <tr> <td>GEN</td> <td>GENERAL</td> </tr> <tr> <td>GYP</td> <td>GYPSUM</td> </tr> <tr> <td>HORZ</td> <td>HORIZONTAL</td> </tr> <tr> <td>IN</td> <td>INCH</td> </tr> <tr> <td>INFO</td> <td>INFORMATION</td> </tr> <tr> <td>LENGTH</td> <td>LENGTH</td> </tr> <tr> <td>MAX</td> <td>MAXIMUM</td> </tr> <tr> <td>MIN</td> <td>MINIMUM</td> </tr> <tr> <td>MISC</td> <td>MISCELLANEOUS</td> </tr> <tr> <td>NTS</td> <td>NOT TO SCALE</td> </tr> <tr> <td>OC</td> <td>ON CENTER</td> </tr> <tr> <td>QTY</td> <td>QUANTITY</td> </tr> <tr> <td>REINF</td> <td>REINFORCEMENT</td> </tr> <tr> <td>REQD</td> <td>REQUIRED</td> </tr> <tr> <td>SIM</td> <td>SIMILAR</td> </tr> <tr> <td>STD</td> <td>STANDARD</td> </tr> <tr> <td>T1</td> <td>TASK ITEM</td> </tr> <tr> <td>TYP</td> <td>TYPICAL</td> </tr> <tr> <td>VERT</td> <td>VERTICAL</td> </tr> <tr> <td>WT</td> <td>WEIGHT</td> </tr> </tbody> </table>	@	AT	&	AND	#	NUMBER	'	FT	"	IN.	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Project Name:

CAMPUSWIDE ENVELOPE REPAIRS - NEW WEST

Project address:
5 E CAMERON AVENUE, CHAPEL HILL, NC 27514

cont'd.

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Consultants / Disciplines

plan :

CO #24-237837-01A

Issues/Revisions :

ISSUED FOR CONSTRUCTION

D.	Date	Description
	04/24/2025	50% CDS
	07/01/2025	100% CDS
	10/03/2025	ISSUED FOR CONSTRUCTION

Object Number :	Drawn By :
5.24007.00	AN
Approved By :	Checked By :
P	EAL

ertification Statement :
THE BEST OF THE ENGINEER'S KNOWLEDGE,
THE PLANS AND SPECIFICATIONS COMPLY WITH
THE APPLICABLE MINIMUM BUILDING CODES.

ALL APPLICABLE MINIMUM BUILDING CODES.

NORTH CAROLINA CONFEDERACY

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GENERAL NOTES

Sheet N

Sheet No. : **BE 003C**

**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW WEST**

 Project address:
 175 E CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A

Issues/Revisions:

**ISSUED FOR
CONSTRUCTION**

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : D25.2407.00 Drawn By : AZ
 Approved By : RCP Checked By : EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

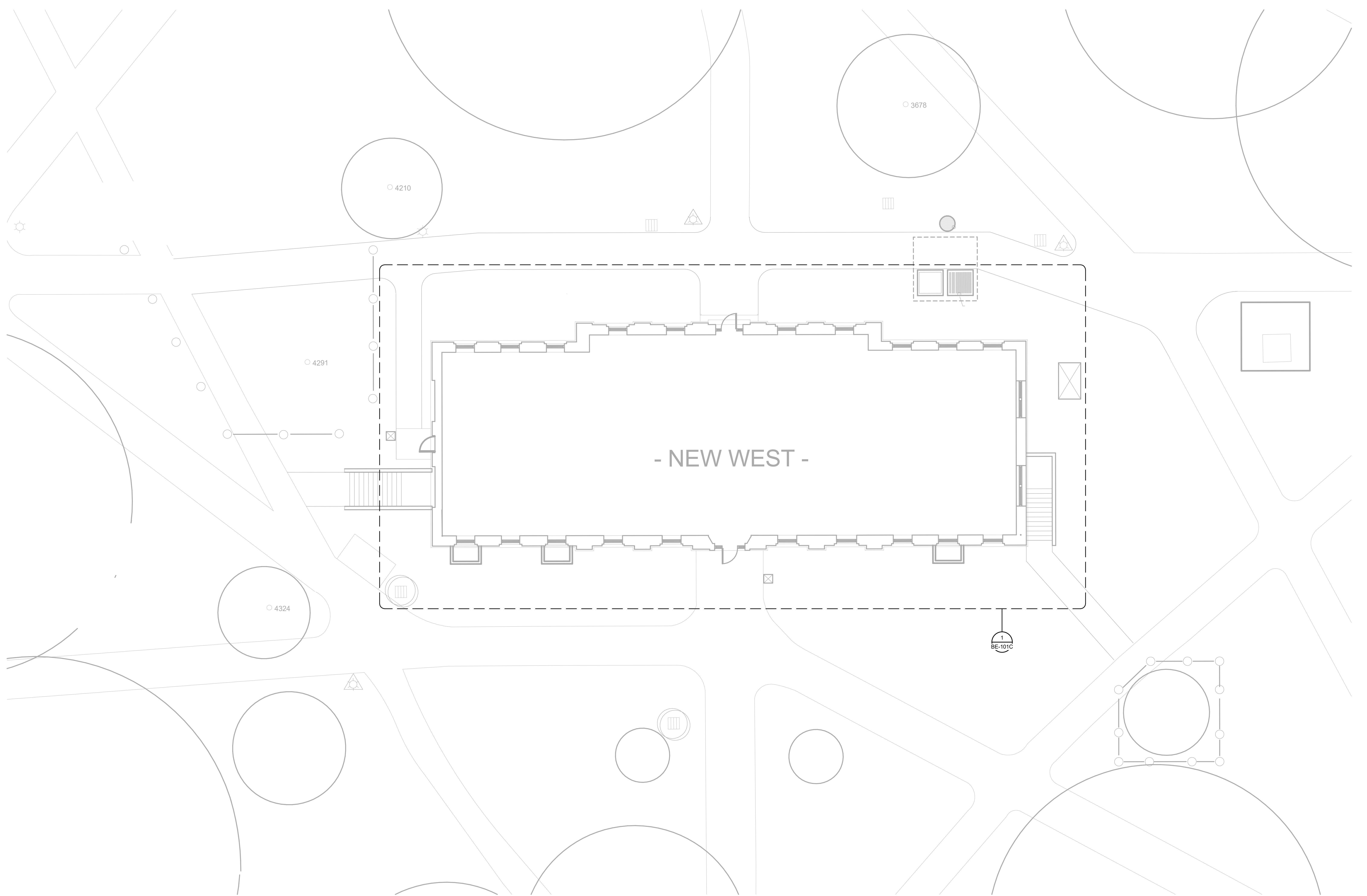
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Drawing Title:

SITE PLAN

Sheet No.:

BE-100C


SHEET NOTES:

1. BUILDING SITE PLAN IS BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY HAGERSMITH DESIGN PA DATED DECEMBER 8, 2006. SITE PLAN MAY NOT ACCURATELY REFLECT CURRENT SITE CONDITIONS WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.

 N
 1 SITE PHASING PLANS
 NO SCALE

ALTERNATE #4: NEW WEST

CAMPUSWIDE ENVELOPE REPAIRS - NEW WEST

address:
CAMERON AVENUE, CHAPEL HILL, NC 27514

10 of 10

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Students / Discipline :

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CO #24-237837-01A

ISSUED FOR CONSTRUCTION

Number : 007.00 Drawn By : AN	Drawn By : AN
Checked By : EAL	Checked By : EAL

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APPLICABLE MINIMUM BUILDING CODES.

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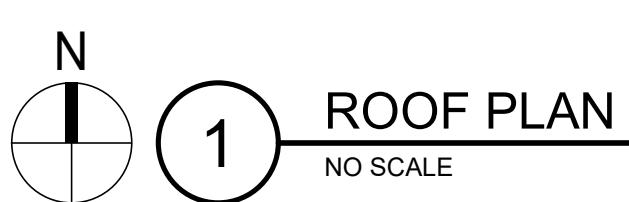
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No.:

BE-101C



ALTERNATE #4: NEW WEST

No.:

**CAMPUSWIDE
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NEW WEST**

 Project address:
 175 E CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

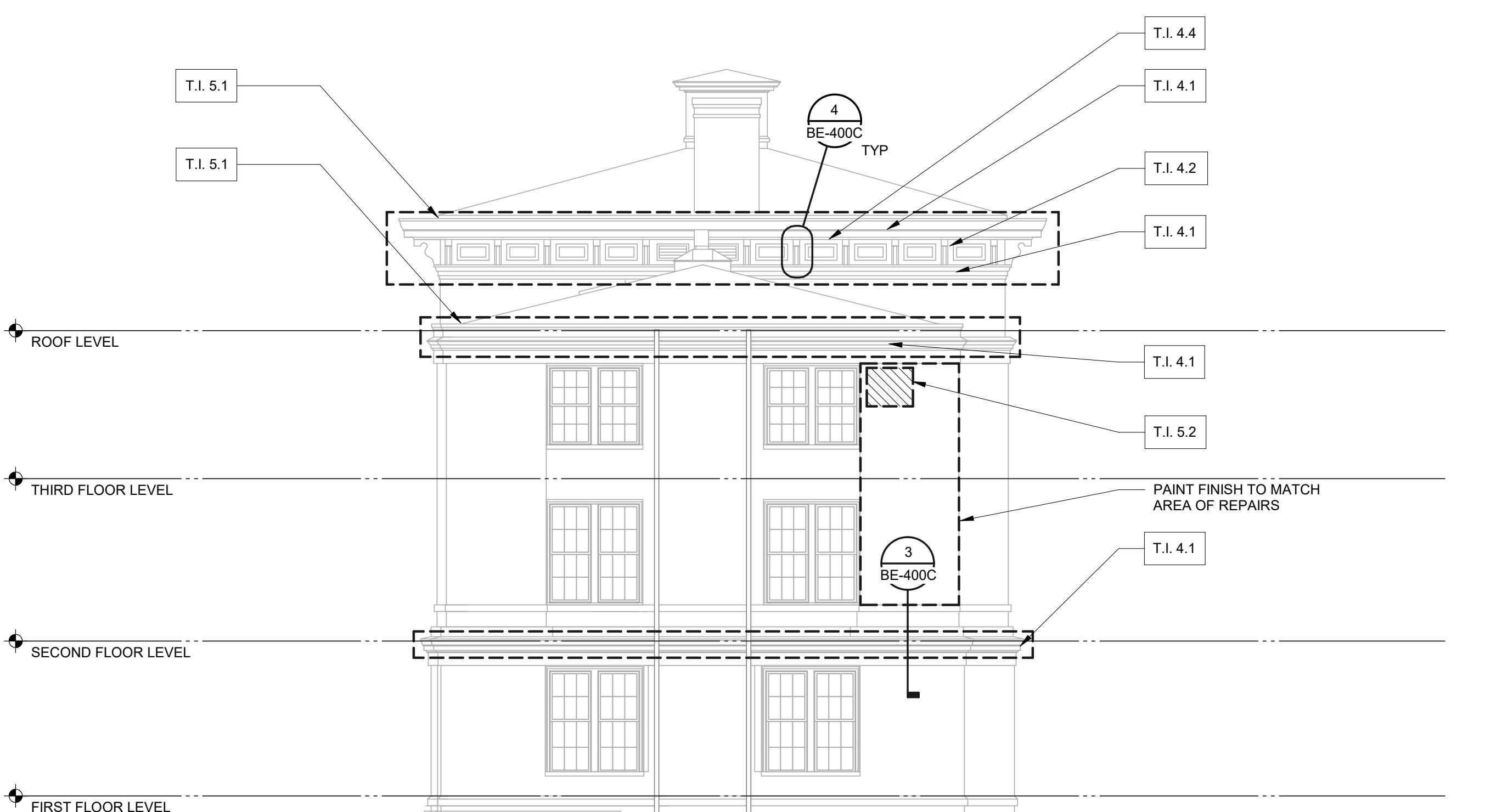
**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

TASK ITEM	DESCRIPTION C. ALTERNATE #4
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS PROBE CORNICE FOR UNSOUND MATERIAL. REMOVE CORNICE THROUGH REPAIR OR CONSTRUCTION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.2	REMOVE ALL EXISTING COATINGS FROM WOOD BRACKETS. PROBE WOOD BRACKETS FOR UNSOUND MATERIAL. REPAIR THROUGH REACEMENT OF UNSOUND MATERIAL. CONSTRUCTION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD BRACKETS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.3	REMOVE EXISTING COATINGS FROM WOOD PILASTER CAPITALS. PROBE WOOD CAPITALS FOR UNSOUND MATERIAL. REPAIR WOOD CAPITALS THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT CAPITALS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.4	REMOVE AND REPLACE SOFFIT BOARDS. FASTEN TO EXISTING FRAMING WITH STAINLESS STEEL FASTENERS. PREPARE MATERIAL FOR NEW FINISH. PAINT SOFFIT BOARDS AS SPECIFIED.
T.I. 5.1	ALTERNATE #5: AT UPPER AND LOWER ROOFS, CLEAN OUT GUTTERS AND DOWNSPOUTS. APPLY ELASTOMERIC COATING TO GUTTERS.
T.I. 5.2	ALTERNATE #6: REMOVE UNSOUND PLASTER BACK TO SOLID MATERIAL. REPLACE MATERIAL WITH BROWN FINISH COAT AND PAINT TO BLEND WITH SURROUNDING PLASTER AS SPECIFIED.

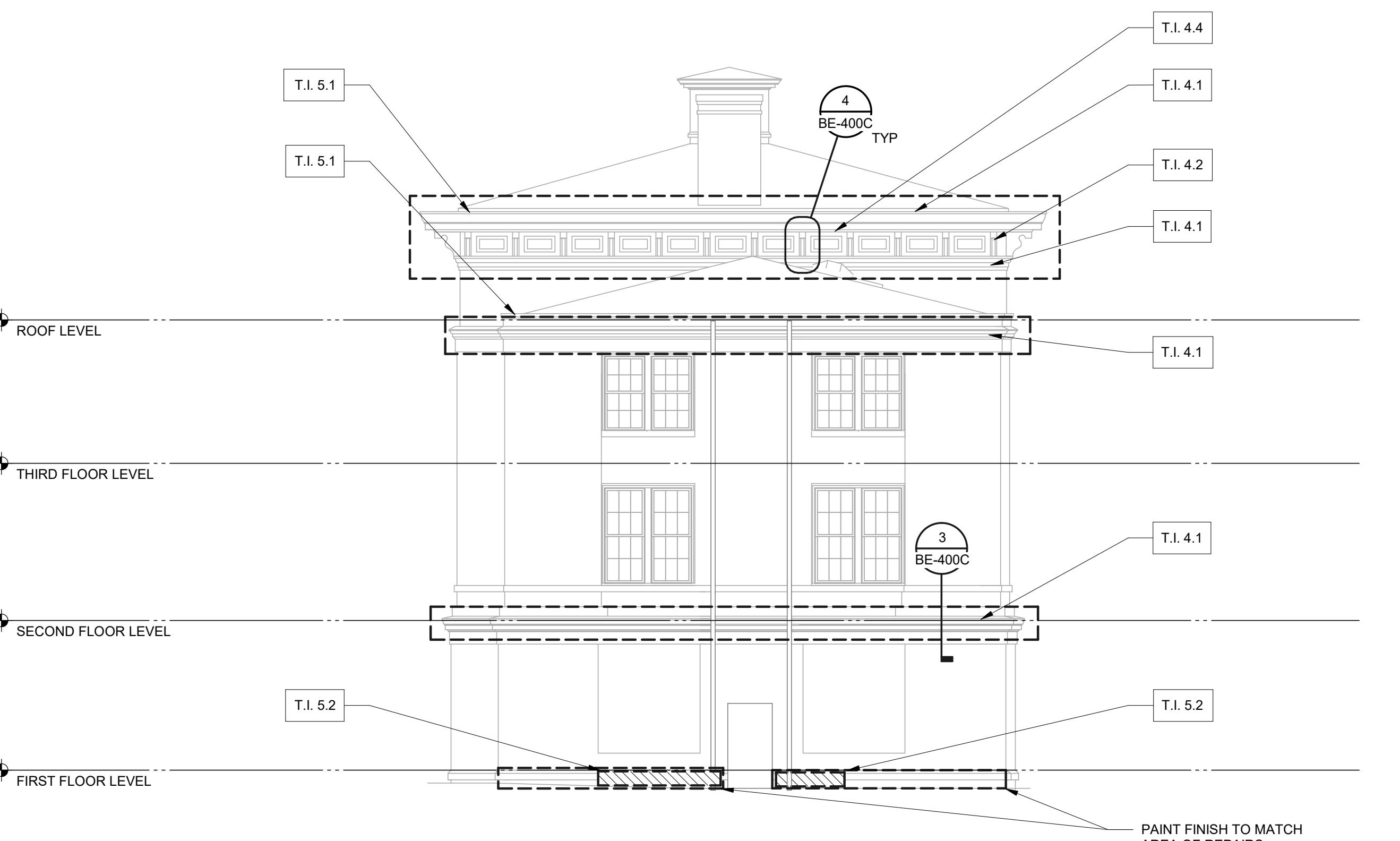
NOTES:

1. NEW WEST SCOPE OF WORK IS AN ALTERNATE IN ITS ENTIRETY. PLEASE SEPARATE OUT SCOPE OF WORK FROM OTHER BUILDINGS IN THIS SET OF DRAWINGS.
2. CONDUCT MOCK-UPS SHOWING PAINT REMOVAL BY CHEMICAL AND MECHANICAL MEANS TO DETERMINE BEST COURSE OF ACTION.
3. PROBE EXISTING WOOD BY MEANS OF "PICK METHOD" AS DESCRIBED IN SPEC SECTIONS 011015 AND 062500.


1 FACADE REPAIRS - EAST ELEVATION

1/8" = 1'-0"

Keyplan:


2 FACADE REPAIRS - WEST ELEVATION

1/8" = 1'-0"

SHEET NOTES:

1. ELEVATION DRAWINGS ARE BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY JOSEPH K. OPPERMANN-ARCHITECT, P.A. DATED DECEMBER 22, 2005. BUILDING ELEVATION MAY NOT ACCURATELY REFLECT THE CURRENT CONDITIONS WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.
2. INFORMATION SHOWN IS BASED ON REVIEW OF THE ORIGINAL RECORD ARCHITECTURAL DRAWINGS AND ON LIMITED SITE OBSERVATIONS. THIS INFORMATION MAY NOT NECESSARILY INCLUDE ALL ITEMS TO BE DEMOLISHED AND WILL NEED TO BE FIELD VERIFIED.
3. DIMENSIONS PROVIDED IN DRAWINGS ARE FOR BIDDING AND ESTIMATING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING ANY WORK, INCLUDING THE EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS.
4. EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS ARE SHOWN FOR CONTRACTOR'S GENERAL REFERENCE ONLY AND MAY NOT INDICATE ALL LOCATIONS OF THESE ELEMENTS. PRIOR TO BIDDING AND START OF WORK, CONTRACTOR SHALL FIELD LOCATE ALL EXISTING FAÇADE SYSTEMS AND COMPONENTS AT THE AREAS OF WORK AND INCLUDE APPROPRIATE BID ALLOWANCES FOR DEMOLITION AND REINSTALLATION OF THESE ASSEMBLIES AS REQUIRED TO PERFORM THE FULL SCOPE OF SPECIFIED EXTERIOR FAÇADE WORK. CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY MEASURES AND CONDUCT CONSTRUCTION IN A PROFESSIONAL MANNER. CONTRACTOR SHALL NOT DAMAGE EXISTING SYSTEMS OR EQUIPMENT DURING CONSTRUCTION OPERATIONS. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
5. CONTRACTOR SHALL IMPLEMENT ADEQUATE SITE PROTECTION AND PROJECT WORK CONTROL MEASURES TO PROTECT BUILDING PATRONS AND THE GENERAL PUBLIC AS WELL AS TO PREVENT DAMAGE TO ALL EXISTING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS TO REMAIN DURING PERFORMANCE OF THE FAÇADE REPAIR WORK. ANY DAMAGE TO THE EXISTING EXTERIOR WALL, ARCHITECTURAL, STRUCTURAL, BUILDING ENCLOSURE, UTILITIES, AND MEP SYSTEMS SHALL BE REPAIRED BY THE CONTRACTOR.
6. CONTRACTOR SHALL IMPLEMENT ADEQUATE TEMPORARY WEATHERPROOFING MEASURES TO MAINTAIN THE BUILDING IN A COMPLETELY DRIED-IN CONDITION THROUGHOUT ALL PHASES OF THE FAÇADE REPAIR CONSTRUCTION. CONTRACTOR SHALL REIMBURSE OWNER FOR ANY WATER INfiltrATION RELATED DAMAGE FROM IMPROPER CONSTRUCTION PROCESSES. REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION.
7. SEE ALL RELATED DRAWINGS (BE-4# SERIES) FOR ADDITIONAL INFORMATION. CONTRACTOR IS ADVISED THAT LIMITED INFORMATION IS AVAILABLE FOR AREAS INDICATED IN KEY NOTES. REPAIR ITEMS AND AS-BUILT CONSTRUCTION MAY VARY FROM AS SHOWN ON THE APPLICABLE BE-4# SERIES DRAWING SHEETS. CONTRACTOR SHALL INFORM ENGINEER AND CONTRACTOR IF DISCREPANCIES ARE OBSERVED BETWEEN THE ACTUAL AS-BUILT CONSTRUCTION AND THE DRAWINGS.
8. CONTRACTOR SHALL PERFORM THE FAÇADE REPAIR CONSTRUCTION SUCH THAT NEW FLASHING SHALL BE JOINED IN AN AIRTIGHT AND FLEXIBLE MANNER TO NEW AND EXISTING MATERIALS OF ADJACENT ASSEMBLIES, ALLOWING FOR THE RELATIVE MOVEMENT OF ASSEMBLIES DUE TO THERMAL AND MOISTURE VARIATIONS, AND CREEP. THIS WORK SHALL BE PERFORMED TO PROVIDE A 100% CONTINUOUS AIR AND WATER TIGHT SYSTEM WITHIN THE EXTERIOR WALL CONSTRUCTION.
9. NEW WEST IS A CONTRIBUTING BUILDING TO THE NATIONAL HISTORIC DISTRICT, CHAPEL HILL, NC.

ALTERNATE #4: NEW WEST

Sheet No.:

BE-201C

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Drawing Title:

**FAÇADE REPAIRS
- EAST & WEST
ELEVATIONS**

**CAMPUSWIDE
ENVELOPE REPAIRS -
NEW WEST**

 Project address:
 175 E CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A

Issues/Revisions:

**ISSUED FOR
CONSTRUCTION**

Task Item	Description C: Alternate #4
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS PROBE CORNICE FOR UNSOUND MATERIAL. REPAIR WOOD CORNICE THROUGH REPAIR OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.2	REMOVE ALL EXISTING COATINGS FROM WOOD BRACKETS. PROBE WOOD BRACKETS FOR UNSOUND MATERIAL. REPAIR OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD BRACKETS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.3	REMOVE EXISTING COATINGS FROM WOOD PILASTER CAPITALS. PROBE WOOD CAPITALS FOR UNSOUND MATERIAL. REPAIR WOOD CAPITALS THROUGH REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT CAPITALS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.4	REMOVE AND REPLACE SOFFIT BOARDS. FASTEN TO EXISTING FRAMING WITH STAINLESS STEEL FASTENERS. PREPARE MATERIAL FOR NEW FINISH. PAINT SOFFIT BOARDS AS SPECIFIED.
T.I. 5.1	ALTERNATE #5: AT UPPER AND LOWER ROOFS, CLEAN OUT GUTTERS AND DOWNSPOUTS. APPLY ELASTOMERIC COATING TO GUTTERS.
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NOTES:

1. NEW WEST SCOPE OF WORK IS AN ALTERNATE IN ITS ENTIRETY. PLEASE SEPARATE OUT SCOPE OF WORK FROM OTHER BUILDINGS IN THIS SET OF DRAWINGS.
2. CONSIDER LOOK UPS SHOWING PAINT REMOVAL BY CHEMICAL AND MECHANICAL MEANS TO DETERMINE BEST COURSE OF ACTION.
3. PROBE EXISTING WOOD BY MEANS OF "PICK METHOD" AS DESCRIBED IN SPEC SECTIONS 011015 AND 062500.

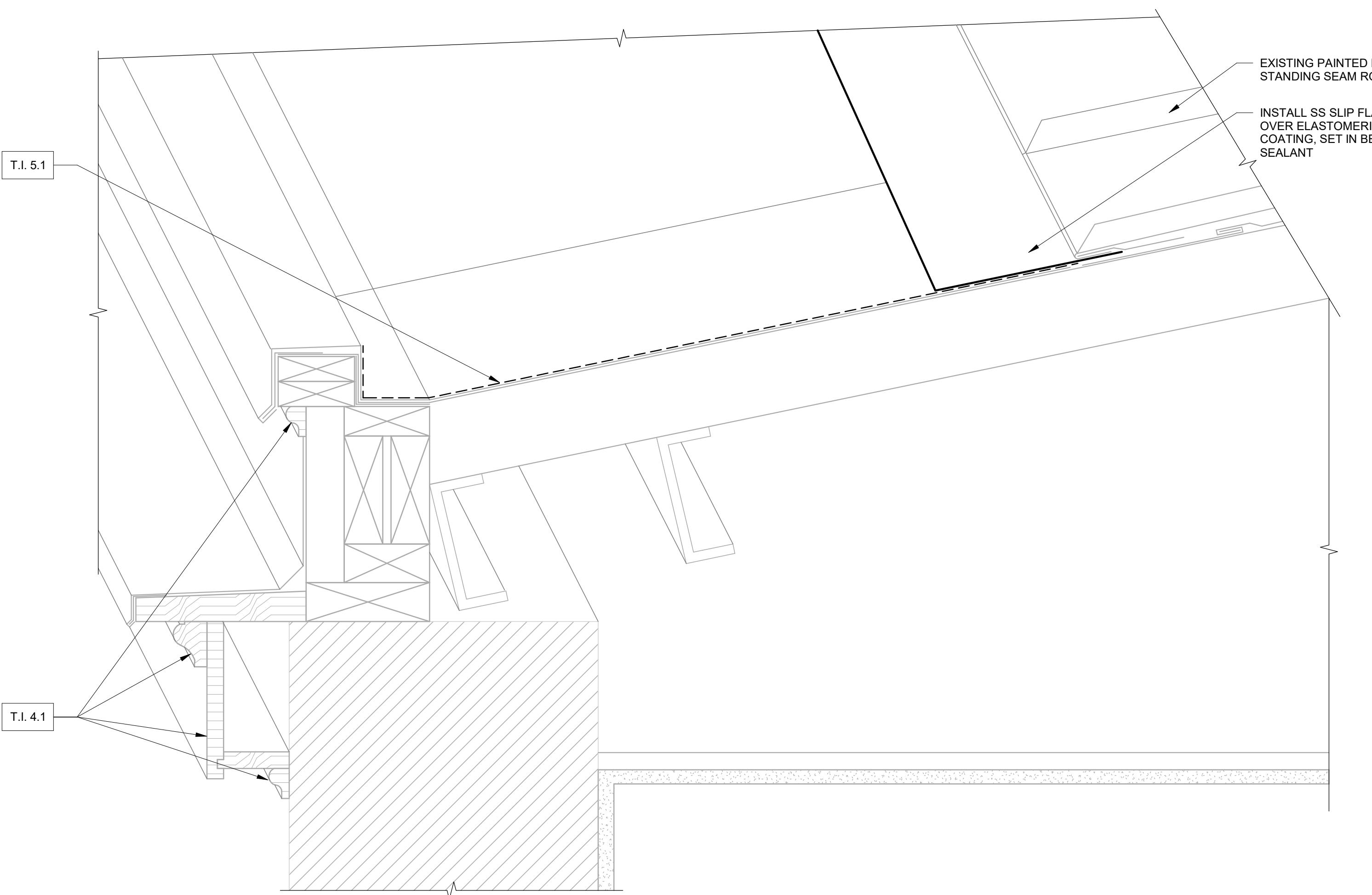
 Project Number : Drawn By :
 D25.2407.00 AN
 Approved By : Checked By :
 RCP EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

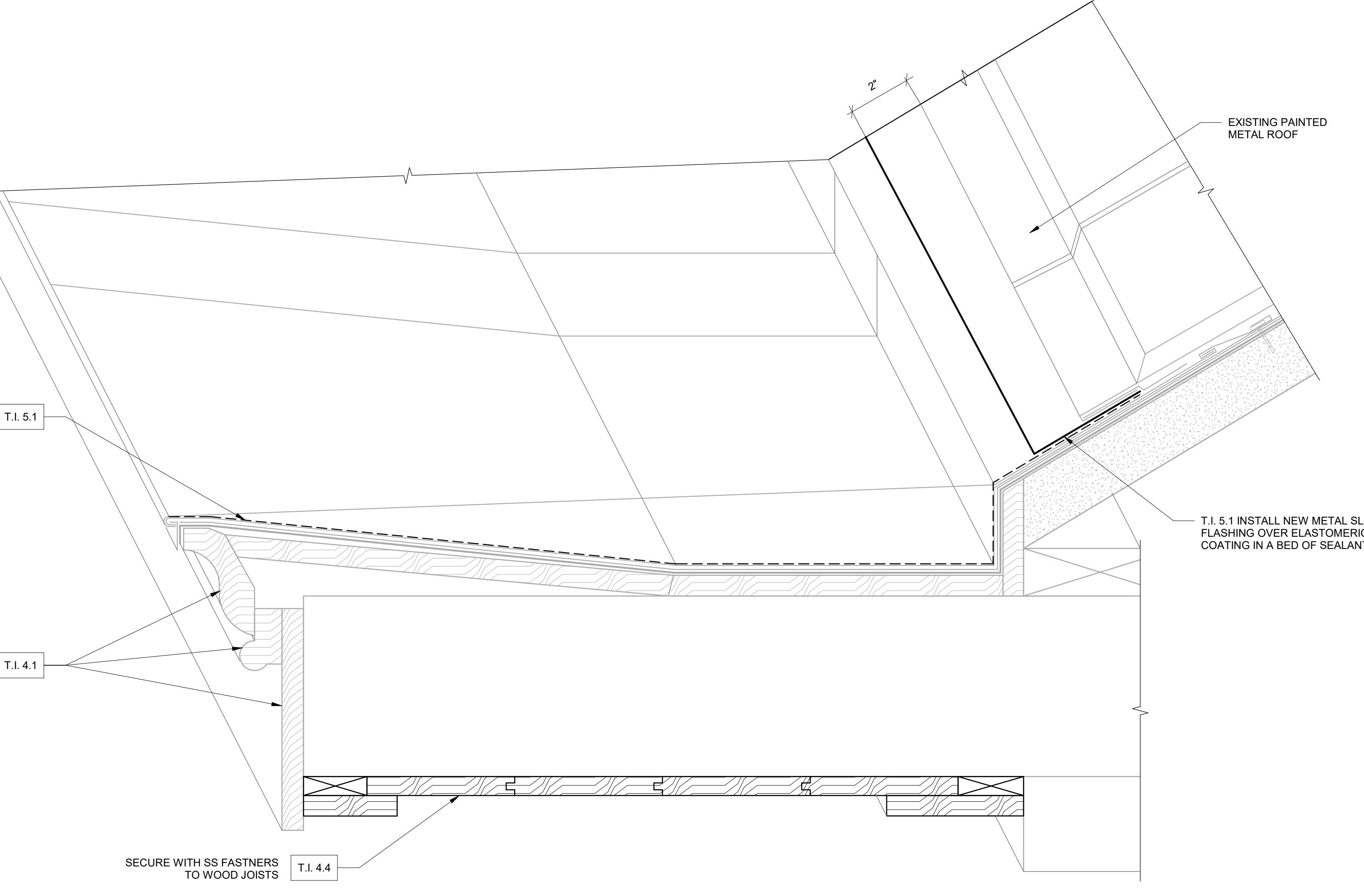
Seal and Signature :


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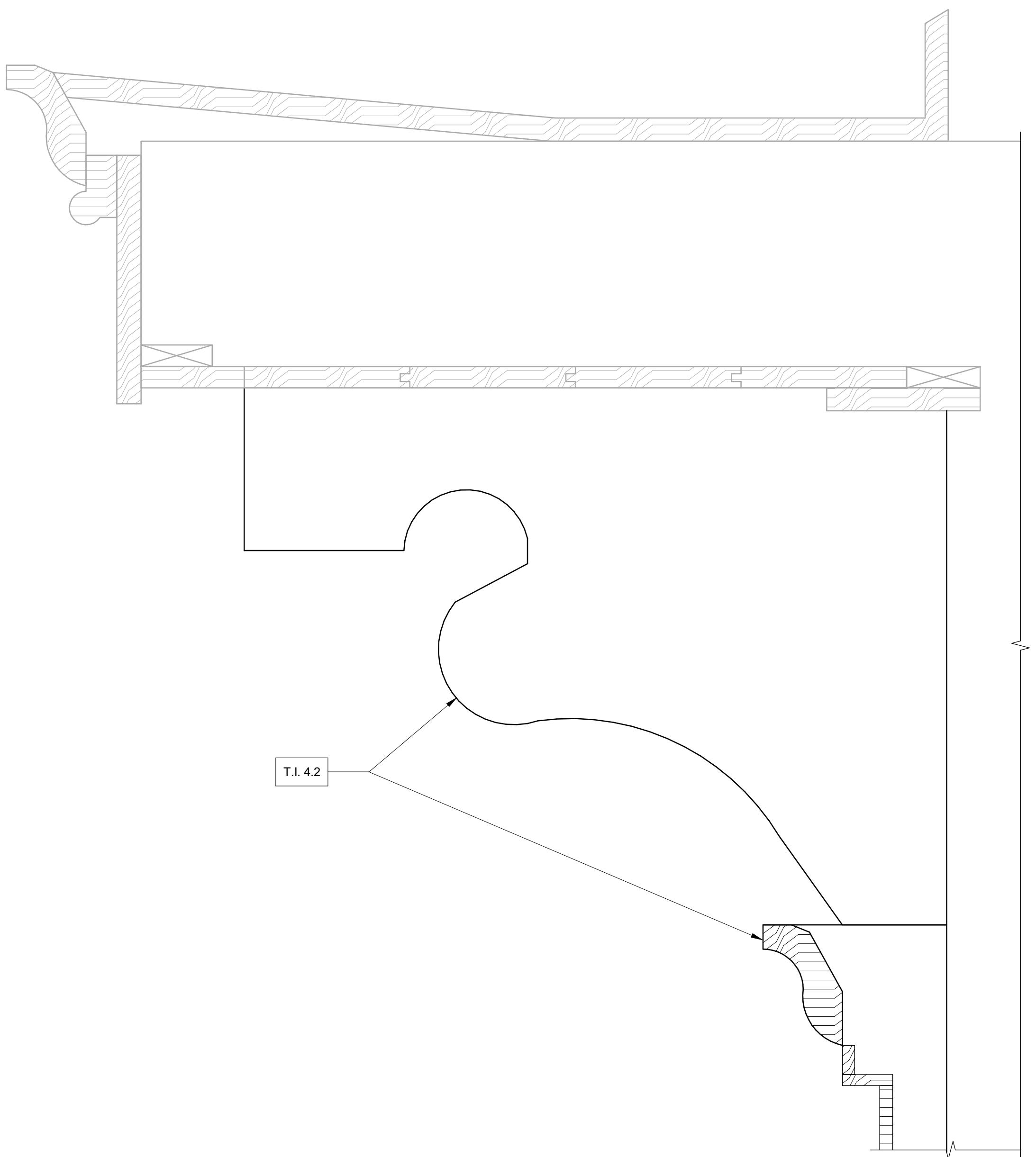
Drawing Title :

REPAIR DETAILS

2 LOWER ROOF GUTTER SECTION
NO SCALE

TASK ITEM 4.1 & 5.1


1 UPPER ROOF GUTTER SECTION
NO SCALE

TASK ITEM 4.1, 4.4, 5.1


4 SECTION THROUGH BRACKETS AT UPPER CORNICE
3" = 1'-0"

TASK ITEM 4.2

3 SECTION THROUGH CORNICE BETWEEN 2ND/3RD FLOORS
1 1/2" = 1'-0"

TASK ITEM 4.1

ALTERNATE #4: NEW WEST

Sheet No. :

BE-400C

GENERAL NOTES

<p>I. DESIGN CRITERIA</p> <p>A. GENERAL BUILDING CODE</p> <ol style="list-style-type: none"> THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE INTERNATIONAL EXISTING BUILDING CODE 2018 WITH STATE OF NORTH CAROLINA AMENDMENTS. DOCUMENTS ARE BASED UPON REPAIRS OF THE EXISTING STRUCTURE. <p>II. SELECTIVE DEMOLITION</p> <p>A. DEFINITIONS</p> <ol style="list-style-type: none"> REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED. REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER READY FOR REUSE. OWNER TO IDENTIFY ITEMS TO BE REUSED OR SALVAGED. EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED. <p>B. MATERIAL OWNERSHIP</p> <ol style="list-style-type: none"> EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM PROJECT SITE. THE MATERIALS REMOVED SHALL BE DISPOSED OF IN A PROPER AND LEGAL MANNER PER FEDERAL/STATE OR LOCAL ORDINANCES. <p>C. PROJECT CONDITIONS</p> <ol style="list-style-type: none"> Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from authorities having jurisdiction. Owner assumes no responsibility for condition of areas to be selectively demolished. Conditions existing at time of inspection for bidding purpose will be maintained by owner as far as practical. Utility service: maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations. <p>D. UTILITY SERVICES</p> <ol style="list-style-type: none"> Refer to division 01 sections regarding requirements for maintaining existing utilities in service and for interruptions of existing utilities. <p>E. PREPARATION</p> <ol style="list-style-type: none"> Contractor to maintain access to exits and exit stairs at all times. Fire alarms and smoke detection system shall remain operational at all times. Protect smoke detectors as required and in conformance to local codes and local authorities. Temporary facilities: provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of adjacent facilities. Contractor to provide all necessary traffic control and pedestrian control measures as required. <p>F. POLLUTION CONTROLS</p> <ol style="list-style-type: none"> Refer to division 01 specification sections for requirements on dust control, disposal, and cleaning of demolished material. <p>G. EXECUTION OF SELECTIVE DEMOLITION</p> <ol style="list-style-type: none"> General: demolish existing construction as indicated. Use methods required to complete the work within limitations of governing regulations and as follows: Use cutting methods least likely to damage construction to remain or adjoining construction. Dispose of demolished items and materials promptly. Existing facilities: comply with owner's requirements for using and protecting other building facilities during selective demolition operations. <p>H. DISPOSAL OF DEMOLISHED MATERIALS</p> <ol style="list-style-type: none"> General: promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site. Burning: do not burn demolished materials. Disposal: transport demolished materials off owner's property and legally dispose of them. <p>III. SHORING</p> <p>A. GENERAL</p> <ol style="list-style-type: none"> Shoring design in these drawings is an interim, temporary measure to provide supplemental gravity support to the area affected by the damaged members. These drawings indicate shoring performance requirements for structural repairs at Playmakers Theater and under the portico. The details shown in the drawings are conceptual in nature to indicate the intended means of supporting the indicated members by the shores. The final design of the shoring to meet these requirements shall be the responsibility of the shoring contractor and shall be performed by a professional engineer registered in the state where the project is located. The shoring contractor shall submit shop drawings and design calculations of the shoring to the engineer for review before executing the installation. The shop drawings and calculations shall be signed and sealed by a professional engineer registered in the state where the project is located. Shop drawings shall include the following elements: <ol style="list-style-type: none"> Shoring posts Shoring beams Shoring towers Shoring braces Details of attachment of shoring posts to supporting structural members Details of shoring post base plates <p>B. DESIGN CRITERIA</p> <ol style="list-style-type: none"> Shoring shall be design for a total service (unfactored) dead load of 50 psf and service (unfactored) live load of 20 psf. Provide a minimum safety factor of 2.0 for shoring design. Refer to drawings for required rated capacities of individual shoring elements. The required rated capacity of the shoring indicated in the drawings shall consider the height of the shoring under the member(s) being shored when the shores are extended in place. Construction loads (equipment, materials, and workers) on the work area shall not exceed 20 psf. The area being shored shall not be open to the public during construction activities. <p>C. INSTALLATION OF SHORING</p> <ol style="list-style-type: none"> Shoring shall be put in place prior to performing the repairs indicated in the drawings. Shoring shall remain in place during repairs and shall not be removed until all repairs have been completed. 	<p>2. Shoring shall be put in place prior to de-tensioning and repair of post-tensioned tendons. Shoring shall remain in place during repair of post-tensioned tendons and shall not be removed until the post-tensioning repairs have been completed and all the post-tensioning force in the member has been restored.</p> <p>3. Shoring can be installed in phases as shown in plans and as post-tensioned repairs progress.</p> <p>4. Shores shall be installed snug tight only against the member being shored. Do not relieve load from the existing structure.</p> <p>5. All shore posts must be installed vertically plumb. Provide bracing between adjacent shore posts as required for stability. Install shore post bracing per manufacturer's specifications.</p> <p>6. Shore posts shall be located under the members shown in the drawings and positioned so that the load is transferred directly to the supporting structural members indicated in the drawings. Contact engineer if a shore post cannot be provided at a location indicated in the drawings. If supporting members are part of the foundation, contractor shall field verify the location of the supporting foundation elements.</p> <p>7. Shoring posts shall be provided with base plates so that the load is uniformly distributed over an area of 2 square ft. section of the slab-on-ground.</p> <p>8. Provide appropriate anchorage at the top and bottom of shoring elements to prevent overturning or tipping over of shore posts.</p> <p>9. Shored areas shall be completely barricaded to protect shore posts from vehicular traffic.</p> <p>10. It is the contractor's responsibility to protect architectural finishes (floor, walls, partitions, ceilings, etc.) during installation of shoring.</p> <p>11. It is the contractor's responsibility to protect exposed structural finished surfaces (floor, overhead slab, beams, columns, walls, etc.) during installation of shoring.</p> <p>12. Shoring layout shall meet safety and operation requirements of the owner.</p> <p>13. Shoring posts details shown in drawings are conceptual only. Actual shoring members and connections may vary depending on the shoring manufacturer's proprietary system available.</p> <p>14. Shoring shall be installed in strict accordance with manufacturer's specifications.</p> <p>F. THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION</p> <ol style="list-style-type: none"> Periodic site observation by field representatives of Walter P. Moore and Associates is solely for the purpose of becoming generally familiar with the progress and quality of the work completed and determining, in general, if the work observed is being performed in a manner indicating that the work when fully completed, will be in accordance with the contract documents. This limited site observation should not be construed as exhaustive or continuous to check the quality or quantity of the work, but rather periodic in an effort to guard the owner against defects or deficiencies in the work of the contractor. <p>VI. DRAWING INTERPRETATION</p> <p>A. DRAWING VIEWS LABELED AS "TYPICAL"</p> <ol style="list-style-type: none"> Partial plans, elevations, sections, details, or schedules labeled with "TYPICAL" at the beginning of their title shall apply to all situations occurring on the project that are the same or similar to those specifically shown. The applicability of the content of these views to locations on the plan can be determined from the title of the views. Such views shall apply whether or not they are keyed in at each location. Decisions regarding applicability of these "TYPICAL" views shall be determined by the structural engineer. <p>B. ABBREVIATIONS, SYMBOLS, AND NOTATIONS</p> <table border="0"> <tbody> <tr> <td>@</td> <td>AT</td> </tr> <tr> <td>&</td> <td>AND</td> </tr> <tr> <td>#</td> <td>NUMBER</td> </tr> <tr> <td>'</td> <td>FT</td> </tr> <tr> <td>"</td> <td>IN.</td> </tr> <tr> <td>(E)</td> <td>EXISTING</td> </tr> <tr> <td>(N)</td> <td>NEW</td> </tr> <tr> <td>ASTM</td> <td>AMERICAN SOCIETY FOR TESTING AND MATERIALS</td> </tr> <tr> <td>BLDG</td> <td>BUILDING</td> </tr> <tr> <td>CJ</td> <td>CONTROL JOINT</td> </tr> <tr> <td>CL</td> <td>CENTER LINE</td> </tr> <tr> <td>CY</td> <td>CUBIC YARD</td> </tr> <tr> <td>DW</td> <td>DOWN</td> </tr> <tr> <td>EA</td> <td>EACH</td> </tr> <tr> <td>ELEV</td> <td>ELEVATION</td> </tr> <tr> <td>ENGR</td> <td>ENGINEER</td> </tr> <tr> <td>EJ</td> <td>EXPANSION JOINT</td> </tr> <tr> <td>EW</td> <td>EACH WAY</td> </tr> <tr> <td>EXIST</td> <td>EXISTING</td> </tr> <tr> <td>FT</td> <td>FT</td> </tr> <tr> <td>GEN</td> <td>GENERAL</td> </tr> <tr> <td>GYP</td> <td>GYPSUM</td> </tr> <tr> <td>HORZ</td> <td>HORIZONTAL</td> </tr> <tr> <td>IN</td> <td>INCH</td> </tr> <tr> <td>INFO</td> <td>INFORMATION</td> </tr> <tr> <td>L</td> <td>LENGTH</td> </tr> <tr> <td>MAX</td> <td>MAXIMUM</td> </tr> <tr> <td>MIN</td> <td>MINIMUM</td> </tr> <tr> <td>MISC</td> <td>MISCELLANEOUS</td> </tr> <tr> <td>NTS</td> <td>NOT TO SCALE</td> </tr> <tr> <td>OC</td> <td>ON CENTER</td> </tr> <tr> <td>QTY</td> <td>QUANTITY</td> </tr> <tr> <td>REINF</td> <td>REINFORCEMENT</td> </tr> <tr> <td>REQD</td> <td>REQUIRED</td> </tr> <tr> <td>SIM</td> <td>SIMILAR</td> </tr> <tr> <td>STD</td> <td>STANDARD</td> </tr> <tr> <td>TI</td> <td>TASK ITEM</td> </tr> <tr> <td>TYP</td> <td>TYPICAL</td> </tr> <tr> <td>VERT</td> <td>VERTICAL</td> </tr> <tr> <td>WT</td> <td>WEIGHT</td> </tr> </tbody> </table> <p>IV. SUBMITTALS</p> <p>A. SUBMITTAL LIST AND SCHEDULE</p> <ol style="list-style-type: none"> The contractor shall prepare a detailed list and schedule of all submittal items to be sent to the structural engineer prior to the start of construction. This list shall be updated and revised and kept current as the job progresses. The submittal list shall be organized as shown below: <ol style="list-style-type: none"> Shop drawings Product technical data DEFERRED SUBMITTALS <ol style="list-style-type: none"> The following items are considered deferred submittals by the registered design professional in responsible charge: <ol style="list-style-type: none"> Formwork, shoring, reshoring, backshoring, and jacking (S&S, REC) <p>B. REPRODUCTION</p> <ol style="list-style-type: none"> The use of electronic files or reproductions of these contract documents by any contractor, subcontractor, erector, fabricator, or material supplier in lieu of preparation of shop drawings signifies their acceptance of all information shown hereon as correct, and obligates themselves to any job expense, real or implied, arising due to any errors that may occur hereon. <p>V. MISCELLANEOUS</p> <p>A. CONTRACT DOCUMENTS</p> <ol style="list-style-type: none"> It is the responsibility of the contractor to obtain all contract documents and latest addenda and to submit such documents to all subcontractors and material suppliers. <p>B. CONFLICTS IN REQUIREMENTS</p> <ol style="list-style-type: none"> Where conflict exists among the various parts of the repair contract documents, repair drawings, general notes, and specifications, the strictest requirements, as indicated by the engineer, shall govern. <p>C. EXISTING CONDITIONS</p> <ol style="list-style-type: none"> The contractor shall verify all dimensions and conditions of the existing building at the job site and report any discrepancies from assumed conditions shown on the drawings to the engineer prior to the fabrication of any members. Existing dimensions shown on the drawings are for general reference only and should not be used for final construction or detailing. Provide all measures necessary to protect the existing structure, building interior, vehicles, facility patrons, and other persons during construction. Such measures shall include, but not limited to temporary bracing, shoring, formwork, protective enclosures, and traffic control. The contractor shall perform a pre-construction condition survey to document site conditions prior to start of work. Submit survey to owner and the engineer. Document location and condition of any construction designated for removal and re-installation. The contractor shall repair all damage caused during construction with similar materials and workmanship to restore conditions to levels acceptable to the owner. <p>D. ADJACENT BUILDINGS AND PROPERTY</p> <ol style="list-style-type: none"> The contractor shall ensure that all construction methods used will not cause damage to the adjacent buildings and property. The contractor is advised to perform all photographic surveys and other documentation of the adjacent buildings before the start of and during construction. <p>E. CONTRACTOR SUBSTITUTIONS</p> <ol style="list-style-type: none"> Any materials or products submitted for approval that are different from the material or products specified in the structural contract documents will be considered for approval only if the following criteria are satisfied: <ol style="list-style-type: none"> A cost savings to the owner is documented and submitted with the request. The material or product has been approved by the International Code Council (ICC) and the ICC report is submitted with the request. <ol style="list-style-type: none"> The ICC ESR that is submitted must reference the building code under which the project is permitted. ICC reports	@	AT	&	AND	#	NUMBER	'	FT	"	IN.	(E)	EXISTING	(N)	NEW	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	BLDG	BUILDING	CJ	CONTROL JOINT	CL	CENTER LINE	CY	CUBIC YARD	DW	DOWN	EA	EACH	ELEV	ELEVATION	ENGR	ENGINEER	EJ	EXPANSION JOINT	EW	EACH WAY	EXIST	EXISTING	FT	FT	GEN	GENERAL	GYP	GYPSUM	HORZ	HORIZONTAL	IN	INCH	INFO	INFORMATION	L	LENGTH	MAX	MAXIMUM	MIN	MINIMUM	MISC	MISCELLANEOUS	NTS	NOT TO SCALE	OC	ON CENTER	QTY	QUANTITY	REINF	REINFORCEMENT	REQD	REQUIRED	SIM	SIMILAR	STD	STANDARD	TI	TASK ITEM	TYP	TYPICAL	VERT	VERTICAL	WT	WEIGHT
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**CAMPUSWIDE
ENVELOPE REPAIRS -
PLAYMAKERS
THEATER**

 Project Address:
 202 E CAMERON AVENUE, CHAPEL HILL, NC 27514

Client:

**UNIVERSITY OF
NORTH CAROLINA
AT CHAPEL HILL**

Consultants / Discipline:

Keyplan:

SCO #24-237837-01A

Issues/Revisions:

**ISSUED FOR
CONSTRUCTION**

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : Drawn By :
 D25.2407.00 AN
 Approved By : Checked By :
 RCP EAL

 Certification Statement :
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE,
 THE PLANS AND SPECIFICATIONS COMPLY WITH
 THE APPLICABLE MINIMUM BUILDING CODES.

Seal and Signature :



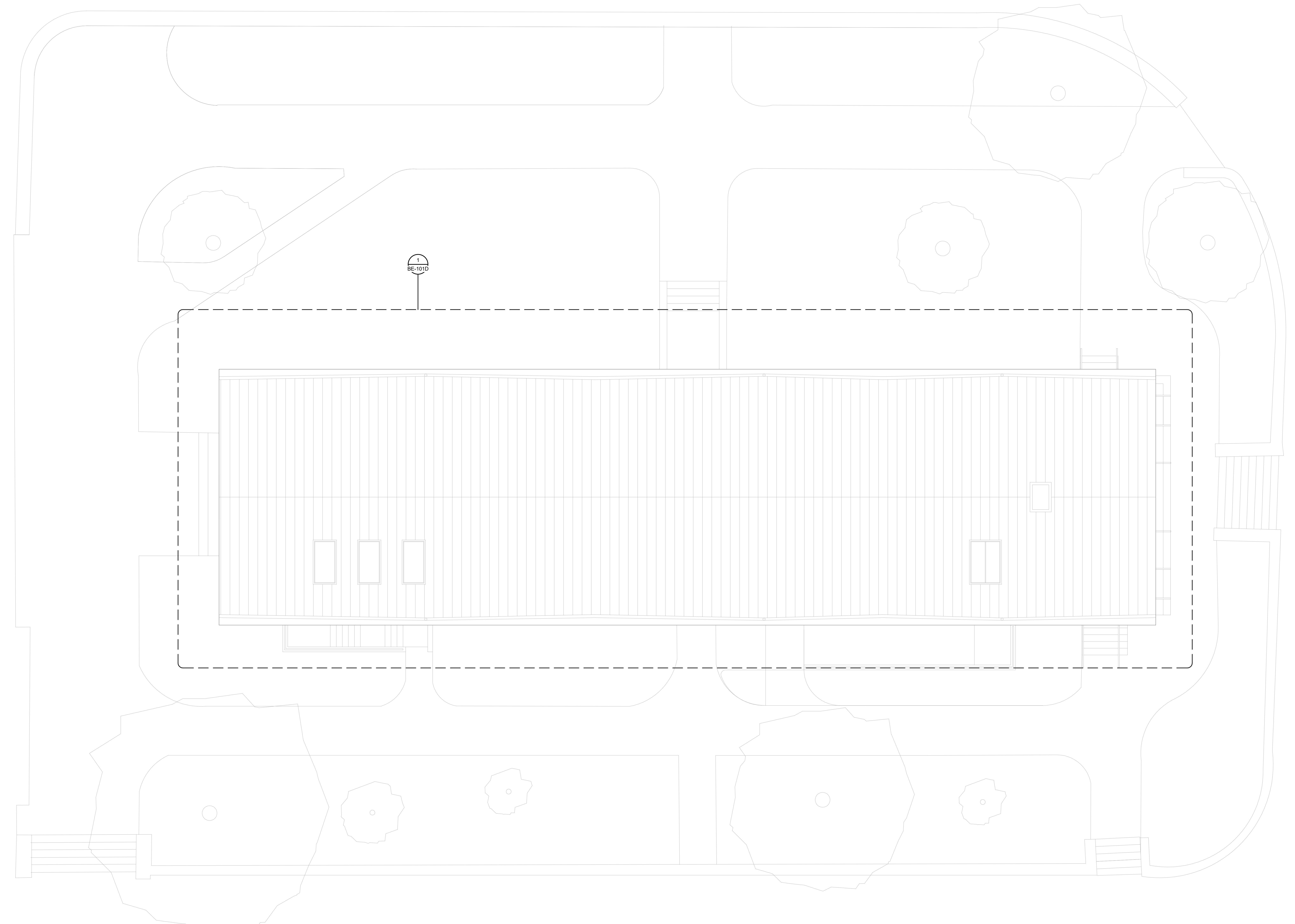
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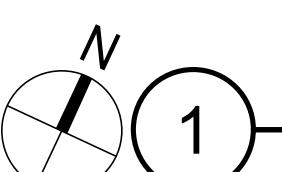
Drawing Title :

**SITE & PHASING
PLAN**

Sheet No. :

BE-100D

SHEET NOTES:

1. BUILDING SITE PLAN IS BASED UPON RECORD ARCHITECTURAL DRAWINGS ISSUED BY JOSEPH K. OPPERMANN-ARCHITECT, P.A. DATED MARCH 31, 2005. SITE PLAN MAY NOT ACCURATELY REFLECT CURRENT SITE CONDITIONS WHICH MAY HAVE BEEN UPDATED FROM BUILDING MODIFICATIONS MADE SUBSEQUENT TO ORIGINAL CONSTRUCTION.


SITE & PHASING PLANS

NO SCALE

ALTERNATE #7: PLAYMAKERS THEATER

No.	Date	Description
04/24/2025	50% CDS	
07/01/2025	100% CDS	
10/03/2025	ISSUED FOR CONSTRUCTION	

 Project Number : D25.2407.00
 Drawn By : AN
 Approved By : RCP
 Checked By : EAL

 Certification Statement :
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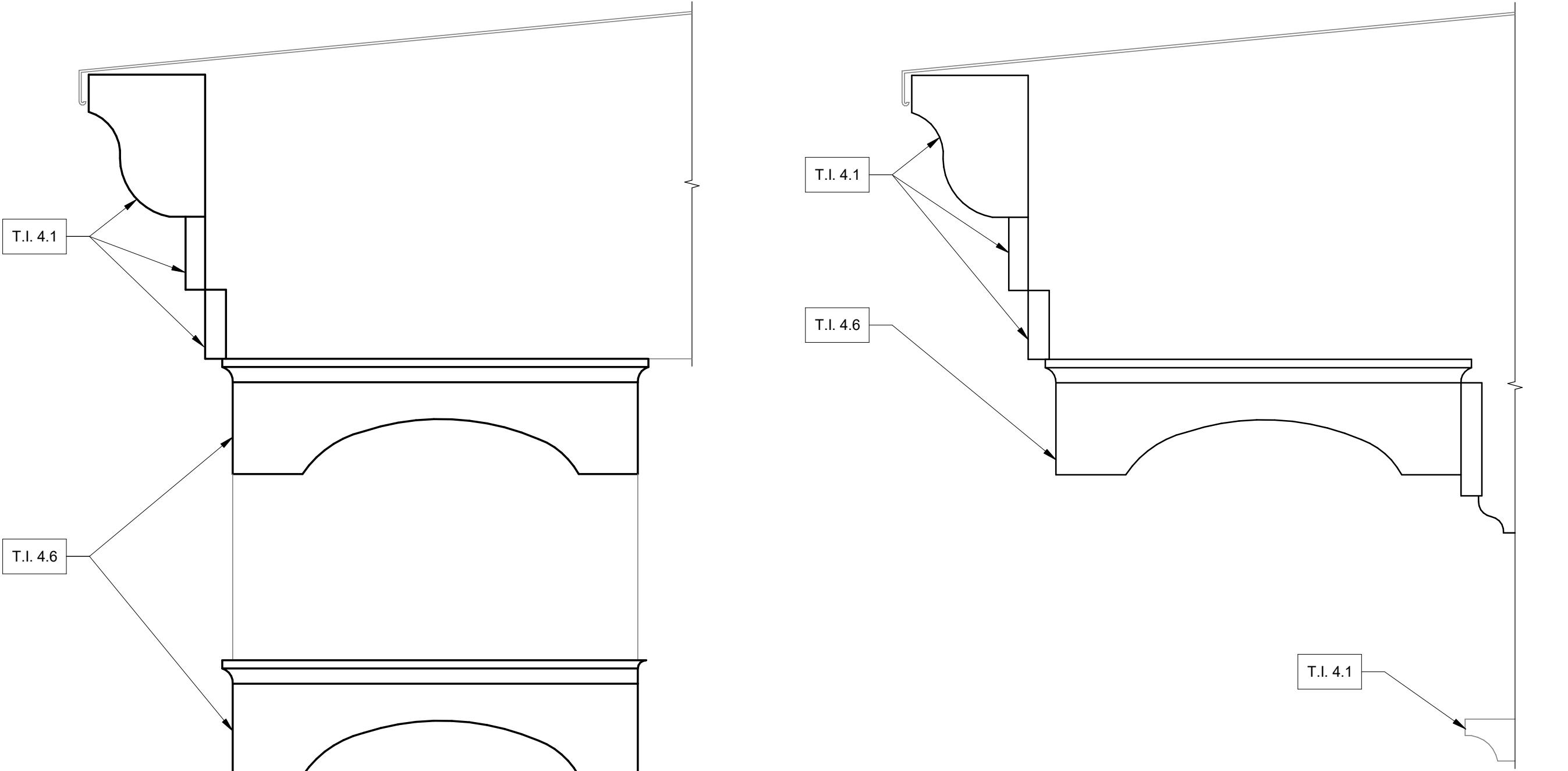
Seal and Signature :


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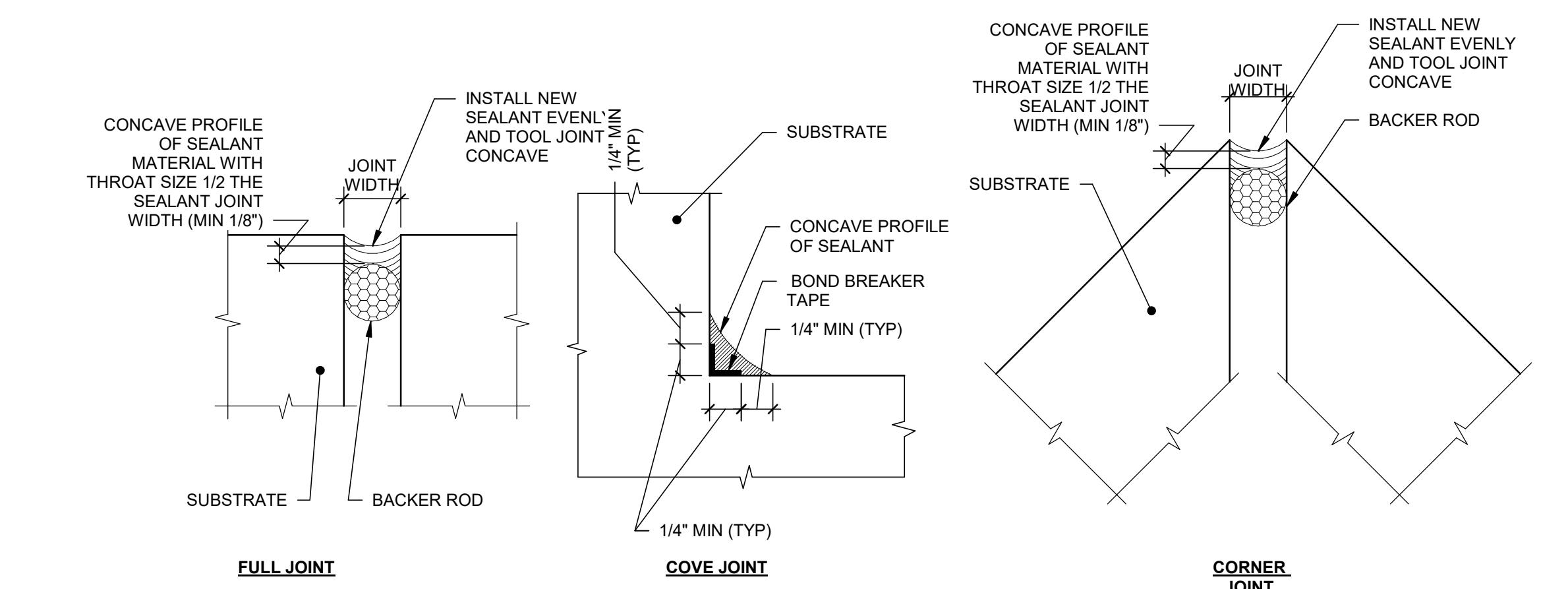
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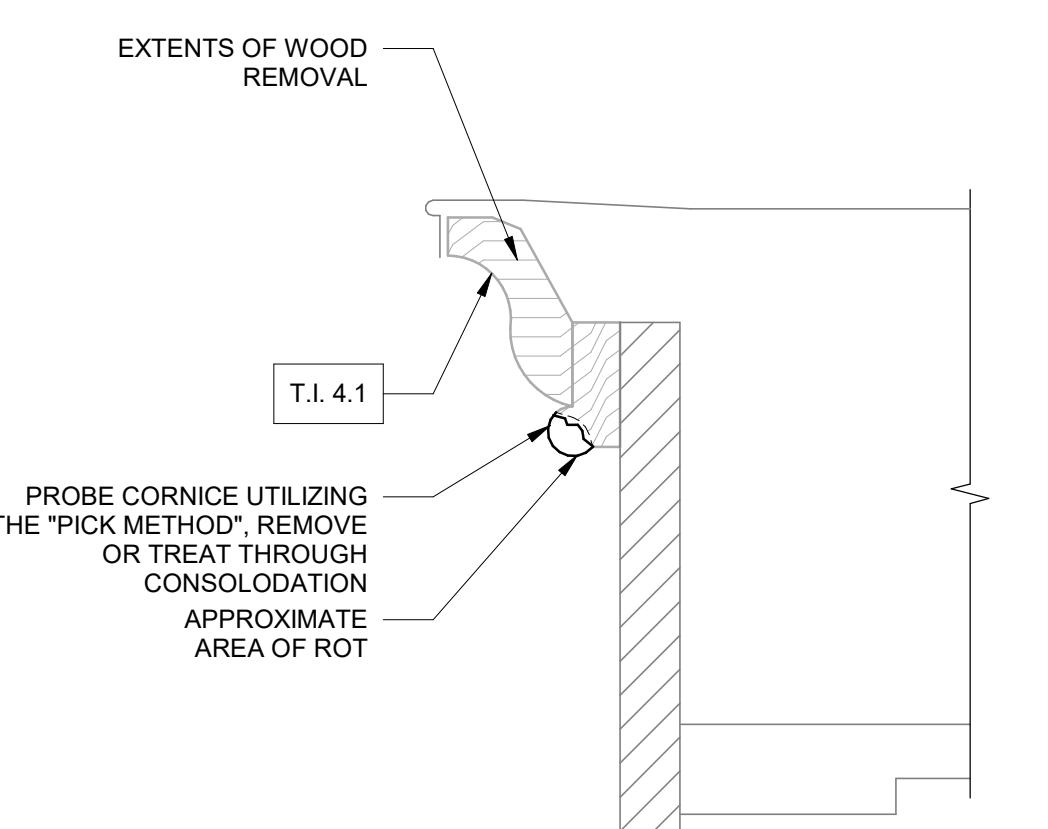
REPAIR DETAILS

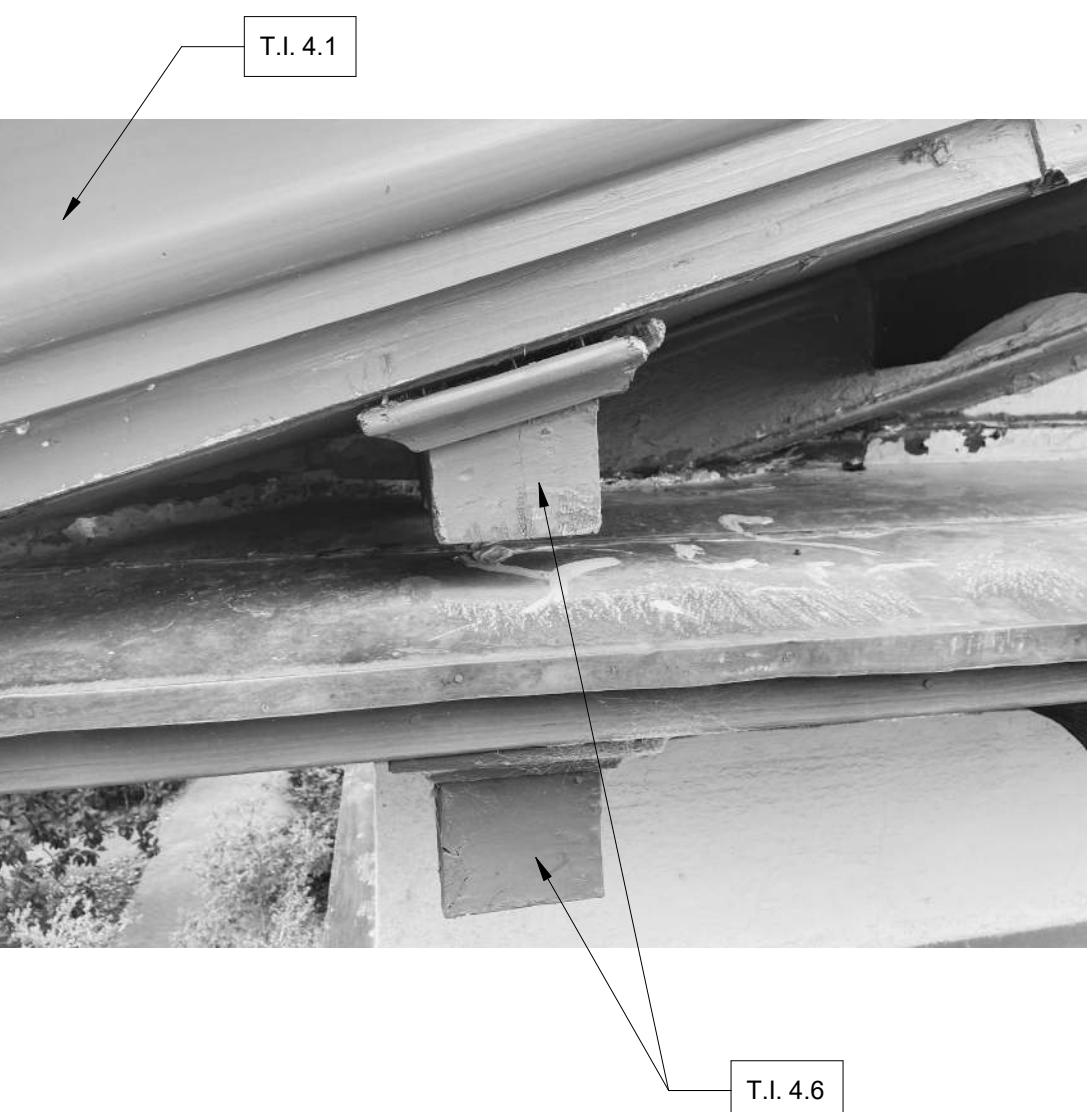
Sheet No. :

BE-400D

4 EAST COLUMN CAPITALS (TYP, FOR 4)
 NO SCALE
 TASK ITEM 4.7

3 SECTION THROUGH
RAKE AT EAST AND WEST CORNICE
 NO SCALE
 TASK ITEM 4.7

2 SECTION THROUGH NORTH AND SOUTH
 NO SCALE
 TASK ITEM 4.7

 NOTES:
 1. REMOVE EXISTING JOINT SEALANT AND BACKER ROD MATERIAL IF PRESENT.
 2. CLEAN ALL SURFACES WITHIN JOINT BEFORE FILLING WITH SEALANT SUCH THAT THERE ARE NO OLD RESIDUAL MATERIALS, DUST, OR CONTAMINANTS ON THE INSIDE SURFACES OF THE JOINT.
 3. INSTALL NEW SEALANT EVENLY AND TOOL JOINT CONCAVE.
 4. DO NOT OVERFILL THE JOINT.
 5. REFER TO SPECIFICATIONS FOR SEALANT TYPE AND OTHER REQUIREMENTS.
 6. TOOL JOINT CONCAVE.

1 SEALANT JOINTS
 NO SCALE
 TASK ITEM 4.7

 NOTES:
 1. FIELD VERIFY EXTENTS OF WOOD ROT THROUGH "PICK METHOD" AS DESCRIBED IN SECTION 062500, WITH ANY REMOVALS BACK TO SOLID MATERIAL.
 2. REPAIR THROUGH CONSOLIDATION AND FILL OR REPLACE SECTION UTILIZING DUTCHMAN REPAIR.

7 WOOD REPAIR
 NO SCALE
 TASK ITEM 4.7

6 DENTIL DETAIL AT RAKES
 NO SCALE
 TASK ITEM 4.1, 4.6

5 EAST COLUMN BASES (TYP, FOR 4)
 NO SCALE
 TASK ITEM 4.8

TASK ITEM	DESCRIPTION D: ALTERNATE #7
T.I. 1.1	PROJECT MOBILIZATION AND DEMOBILIZATION
T.I. 4.1	REMOVE ALL EXISTING COATINGS PROBE CORNICE FOR UNSOUND MATERIAL. REPAIR WOOD CORNICE THROUGH REMOVAL AND REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.6	REMOVE ALL EXISTING COATINGS PROBE CORNICE FOR UNSOUND MATERIAL. REPAIR WOOD CORNICE THROUGH REMOVAL AND REPLACEMENT OF UNSOUND MATERIAL OR CONSOLIDATION AS REQUIRED. PREPARE SURFACES FOR NEW FINISH. PAINT WOOD CORNICE AND DENTILS AS SPECIFIED. ASSUME 25% REPLACEMENT MATERIALS.
T.I. 4.7	LIGHTLY SAND COLUMN CAPITALS. SECURE ANY LOOSE PIECES WITH SS FASTENERS. PREPARE FOR FINISH. PAINT COLUMN CAPITALS AS SPECIFIED. TYPICAL FOR (4) FOUR COLUMN CAPITALS.
T.I. 4.8	REMOVE AND REPLACE EXISTING COLUMN BASES IN KIND, INCLUDING REPLACEMENT OF METAL SEPARATION FLASHING BELOW. PREPARE SURFACES FOR NEW FINISH. PAINT COLUMN BASES AS SPECIFIED.

 NOTES:
 1. PLAYMAKERS THEATER SCOPE OF WORK IS AN ALTERNATE IN ITS ENTIRETY. PLEASE SEPARATE OUT SCOPE OF WORK FROM OTHER BUILDING ELEMENTS OF DRAWING.
 2. CONDUCT MOCK-UPS FOR PAINT REMOVAL BY CHEMICAL AND MECHANICAL MEANS TO DETERMINE BEST COURSE OF ACTION.
 3. PROBE EXISTING WOOD BY MEANS OF "PICK METHOD" AS DESCRIBED IN SPEC SECTIONS 011015 AND 062500.

ALTERNATE #7: PLAYMAKERS THEATER