

CONSTRUCTION DOCUMENTS

WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
MCFADDIN BUTTRESS REPAIR + LEANING CHIMNEY  
REMOVAL

117 GOTHICS WAY, ITHACA, NY 14853  
ITHACA, NEW YORK

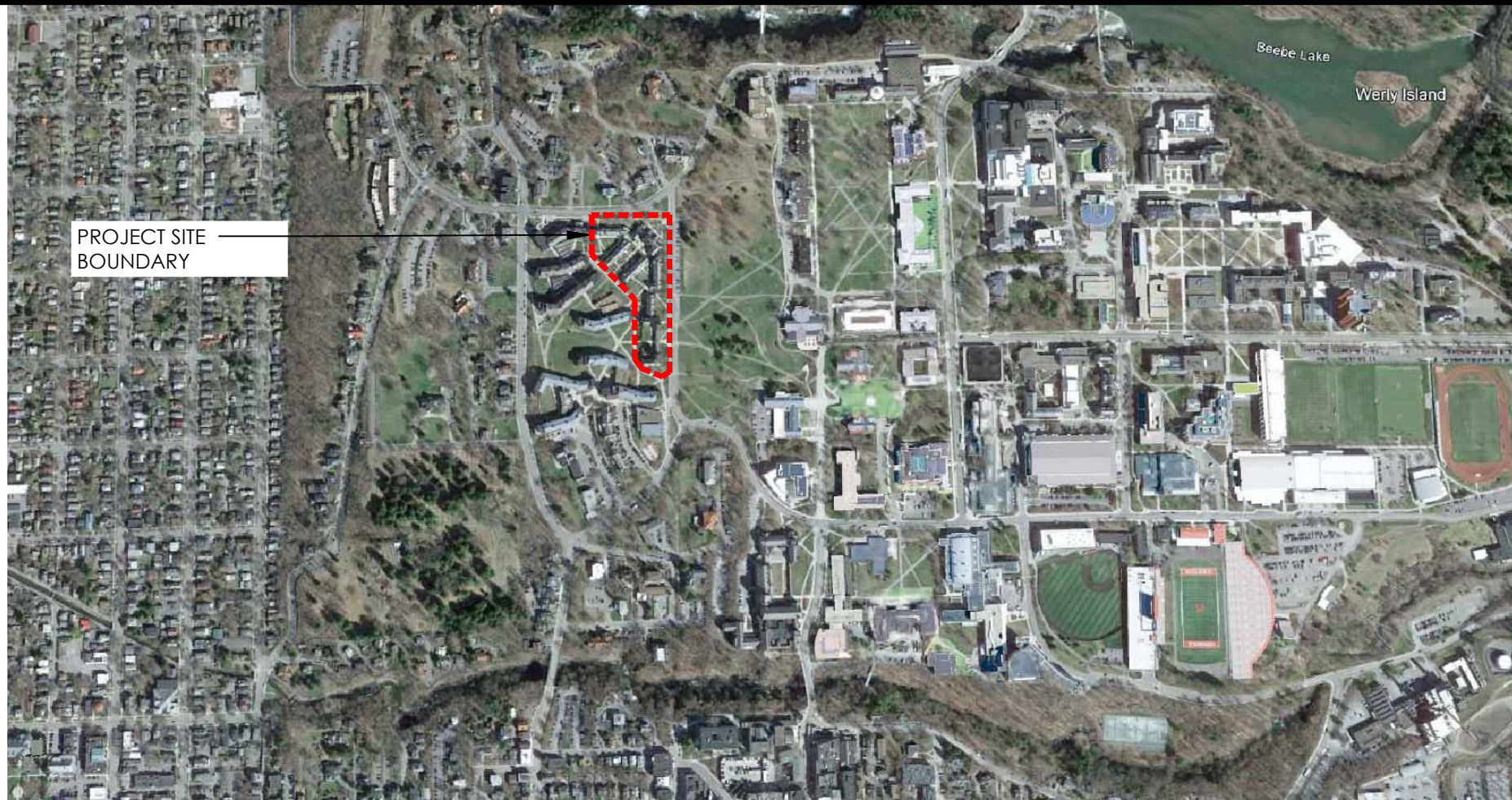
PREPARED FOR  
CORNELL UNIVERSITY



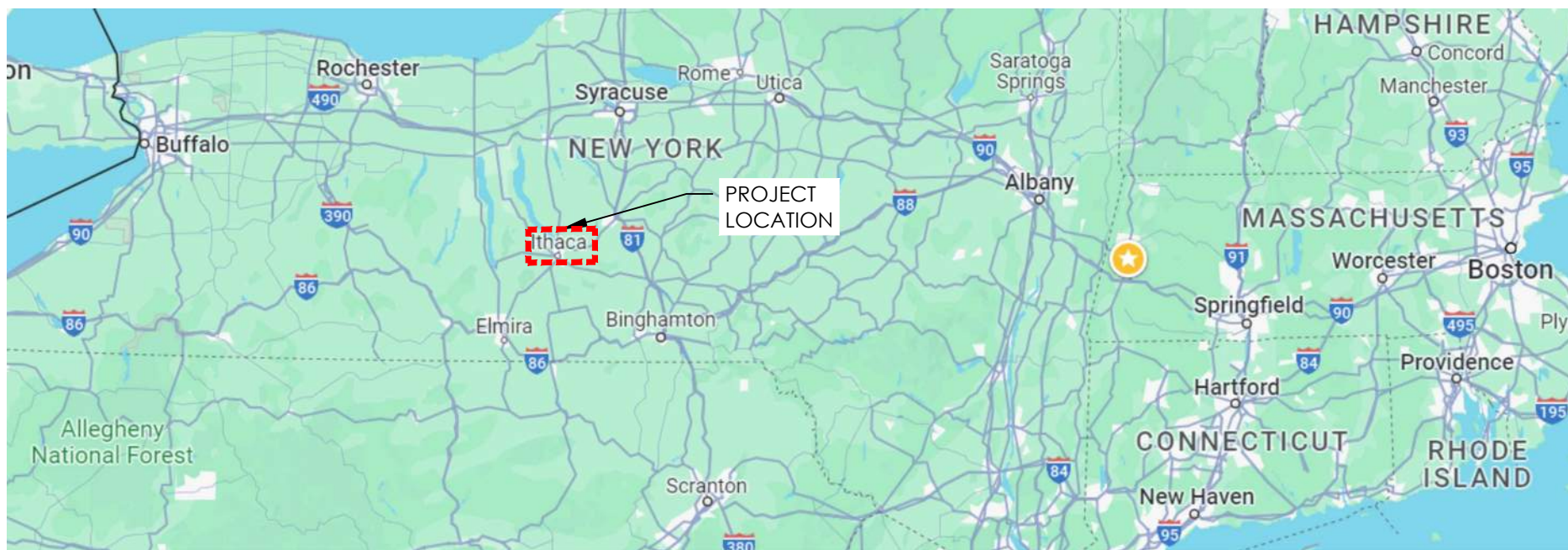
OCTOBER 28, 2025

LIST OF DRAWINGS

|                        |   |
|------------------------|---|
| T1.0                   | TITLE SHEET                                       |
| SP1.0                  | SITE PLAN   |
| ARCHITECTURAL DRAWINGS |   |
| G1.0                   | GENERAL NOTES                                     |
| G1.1                   | FLOOR PLANS - NORTH BAKER HALL & SOUTH BAKER HALL |
| G1.2                   | FLOOR PLANS - BAKER TOWER & FOUNDER'S HALL        |
| G1.3                   | FLOOR PLANS - BOLDT HALL & MCFADDIN HALL          |
|                        |   |
| A1.0                   | MCFADDIN TOWER PLANS                              |
| A1.1                   | MCFADDIN TOWER ELEVATIONS - EAST                  |
| A1.2                   | MCFADDIN TOWER ELEVATIONS - NORTH                 |
| A1.3                   | MCFADDIN TOWER ELEVATIONS - WEST                  |
| A1.4                   | STONE & FLASHING DETAILS                          |
| A2.0                   | NOT USED  |
| A3.0                   | NORTH BAKER HALL - NORTH CHIMNEY                  |
| A3.1                   | NORTH BAKER HALL - SOUTH CHIMNEY                  |
| A3.2                   | SOUTH BAKER HALL NORTH CHIMNEY                    |
| A3.3                   | SOUTH BAKER HALL SOUTH CHIMNEY                    |
| A3.4                   | FOUNDER'S HALL - NORTH CHIMNEY                    |
| A3.5                   | BAKER TOWER SOUTH ANNEX CHIMNEY                   |
| A3.6                   | BAKER TOWER SOUTH ANNEX CHIMNEYS                  |
| A3.7                   | BOLDT HALL CHIMNEY                                |



1 SITE PLAN  
SCALE: 1/64" = 1'-0"



2 LOCATION MAP  
SCALE: NTS

ARCHITECT:  
**MCWB** | ARCHITECTS ■  
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SYMBOL LEGEND

|   |   |
|---|---|
| DETAIL NUMBER<br>0<br>A0.0<br>SCALE:<br>DWG. NO. WHERE<br>DETAIL IS DRAWN | LEVEL NAME<br>+ 10'-0"<br>ELEVATION     |
| BUILDING SECTION<br>0<br>A0.0   | WALL TYPE<br>0                          |
| BUILDING ELEVATION<br>0<br>A0.0   | ROOM NAME<br>000<br>ROOM NAME<br>NUMBER |
| SECTION DETAIL<br>0<br>A0.0   | DOOR NUMBER<br>00                       |
| ENLARGED DETAIL<br>0<br>A0.0  | WINDOW NUMBER<br>000                    |
| INTERIOR ELEVATION<br>A<br>0<br>A0.0<br>B<br>C                            |   |

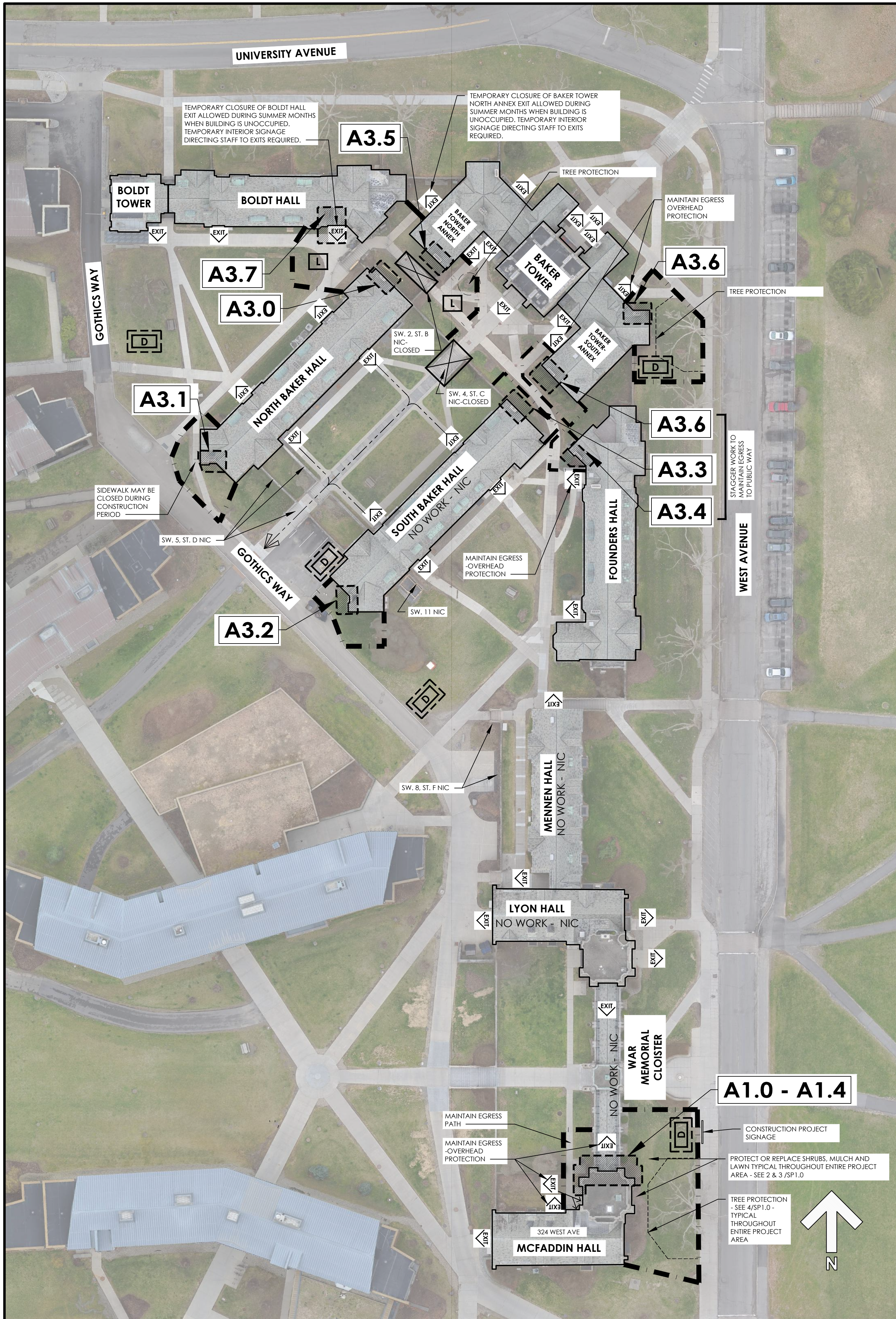
MATERIALS LEGEND

|                   |               |
|-------------------|---------------|
| EXISTING          | FINISHED WOOD |
| NEW CONSTRUCTION  | WOOD BLOCKING |
| CONCRETE          | TILE          |
| BRICK (ELEVATION) | GRAVEL        |
| BRICK (SECTION)   | EARTH         |
| SLATE SHINGLES    |               |
| CMU               |               |
| STEEL             |               |
| RIGID INSULATION  |               |
| BATT INSULATION   |               |
| GW                |               |
| PLYWOOD           |               |

ABBREVIATIONS

| ABBREVIATION | DESCRIPTION             |
|--------------|-------------------------|
| AF, A.F.F.   | ABOVE FINISHED FLOOR    |
| ACT          | ACOUSTICAL CEILING TILE |
| ALT.         | ALTERNATE               |
| B, B.O.      | BOTTOM OF               |
| CLG          | CEILING                 |
| CH, C.H.     | CEILING HEIGHT          |
| CL, C.L.     | CENTER LINE             |
| CLO, CL      | CLOSET                  |
| CONC.        | CONCRETE                |
| CONT.        | CONTINUOUS              |
| DET, DTL     | DETAIL                  |
| DR           | DOOR                    |
| EQ           | EQUAL                   |
| EQUIP.       | EQUIPMENT               |
| FIN.         | FINISH                  |
| GA, GA.      | GAUGE                   |
| GC           | GENERAL CONTRACTOR      |
| GL           | GLASS                   |
| HGT., HT.    | HEIGHT                  |
| HC           | HOLLOW CORE             |
| H.M., H.M.   | HOLLOW METAL            |
| M.O.         | MASONRY OPENING         |
| MTL          | METAL                   |
| NIC, N.I.C.  | NOT IN CONTRACT         |
| PT           | PRESSURE TREATED        |
| SIM, SIM.    | SIMILAR                 |
| SPEC.        | SPECIFICATIONS          |
| SSI, S.S.    | STAINLESS STEEL         |
| STL, STL     | STEEL                   |
| TH, THK.     | THICK                   |
| T, T.O.      | TOP OF                  |
| TYP, TYP.    | TYPICAL                 |
| V.F., V.I.F. | VERIFY IN FIELD         |
| WD           | WOOD                    |





**LEGEND**

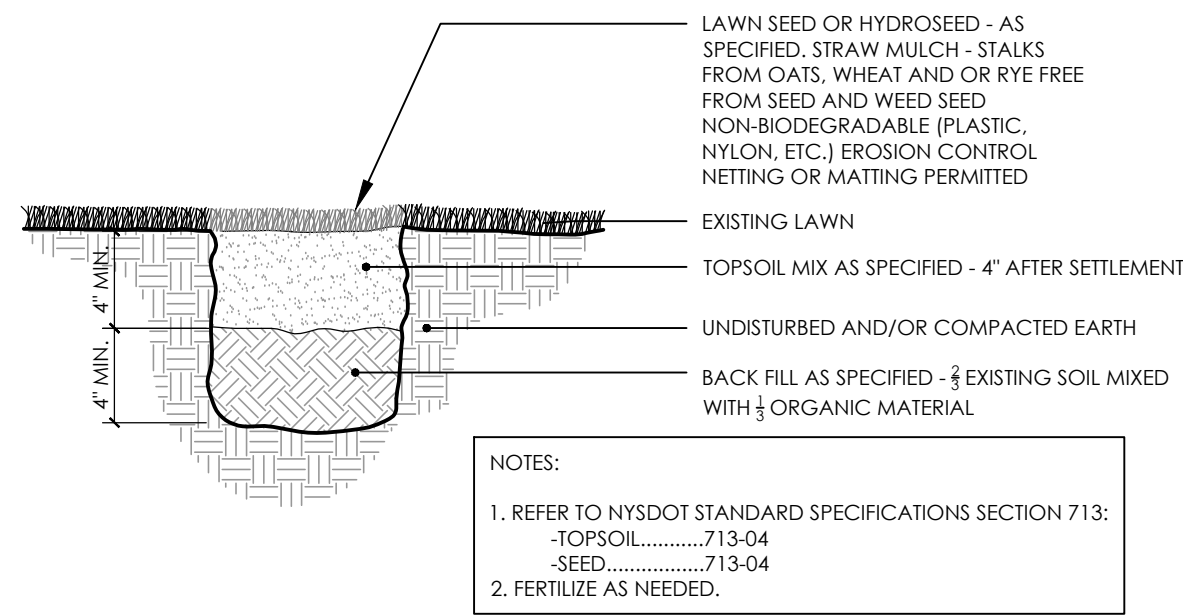
- AREA OF WORK
- LIMITS OF SITE (CONTRACT LIMIT LINES)
- TREE PROTECTION (4/SP1.0)
- A#.#** DRAWING SERIES REFERENCE
- EGRESS PATH TO PUBLIC WAY
- POSSIBLE DUMPSTER LOCATION
- POSSIBLE LIFT LOCATION
- EXIT DISCHARGE

**SCOPE OF WORK**

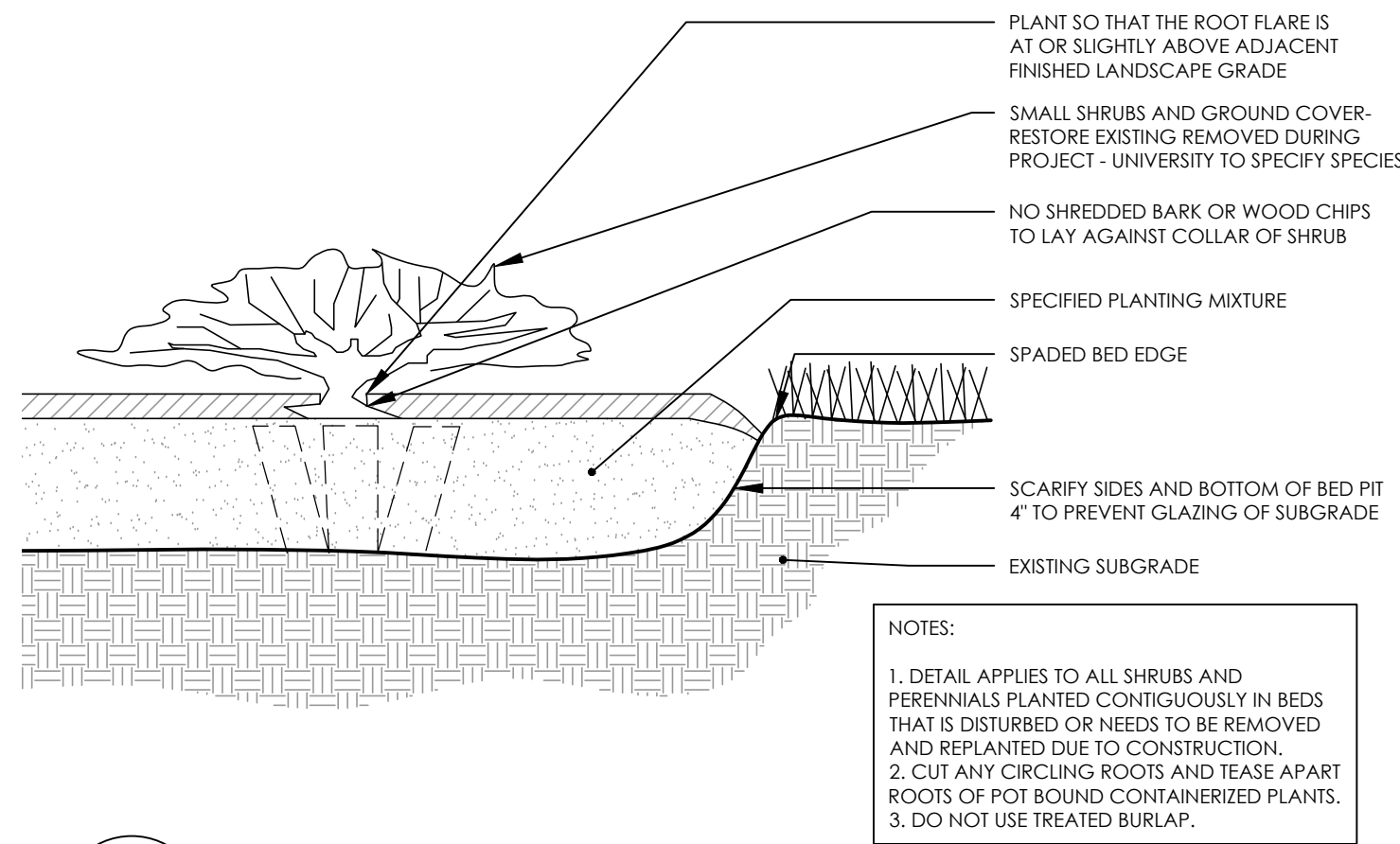
1. MCFADDIN TOWER CORNER BUTTRESSES AND NORTH FACADE. WORK TO INCLUDE REBUILDING SECTIONS OF BUTTRESSES WITH NEW STONE, MISCELLANEOUS STONE REPLACEMENT, RE-POINTING, AND FLASHING. SEE A1.1 FOR DETAILED SCOPE OF WORK.
2. REMOVE LEANING TOPS OF 9 BRICK CHIMNEYS AND PROVIDE WEATHER CAP - (ALLOW FOR EXISTING FLUES TO BE MAINTAINED)
  - 2.1. NORTH BAKER HALL: CHIMNEY ON SOUTHWEST, CHIMNEY ON NORTHEAST.
  - 2.2. SOUTH BAKER HALL: CHIMNEY ON SOUTHWEST, CHIMNEY ON NORTHEAST.
  - 2.3. BAKER TOWER ANNEX'S 3 CHIMNEYS: LOCATED AT SOUTHWEST, NORTHEAST AND SOUTHEAST CORNERS.
  - 2.4. FOUNDERS HALL: CHIMNEY AT NORTHWEST END.
  - 2.5. BOLDT HALL: CHIMNEY OVER ENTRANCE

**SITE UTILIZATION PLAN GENERAL NOTES:**

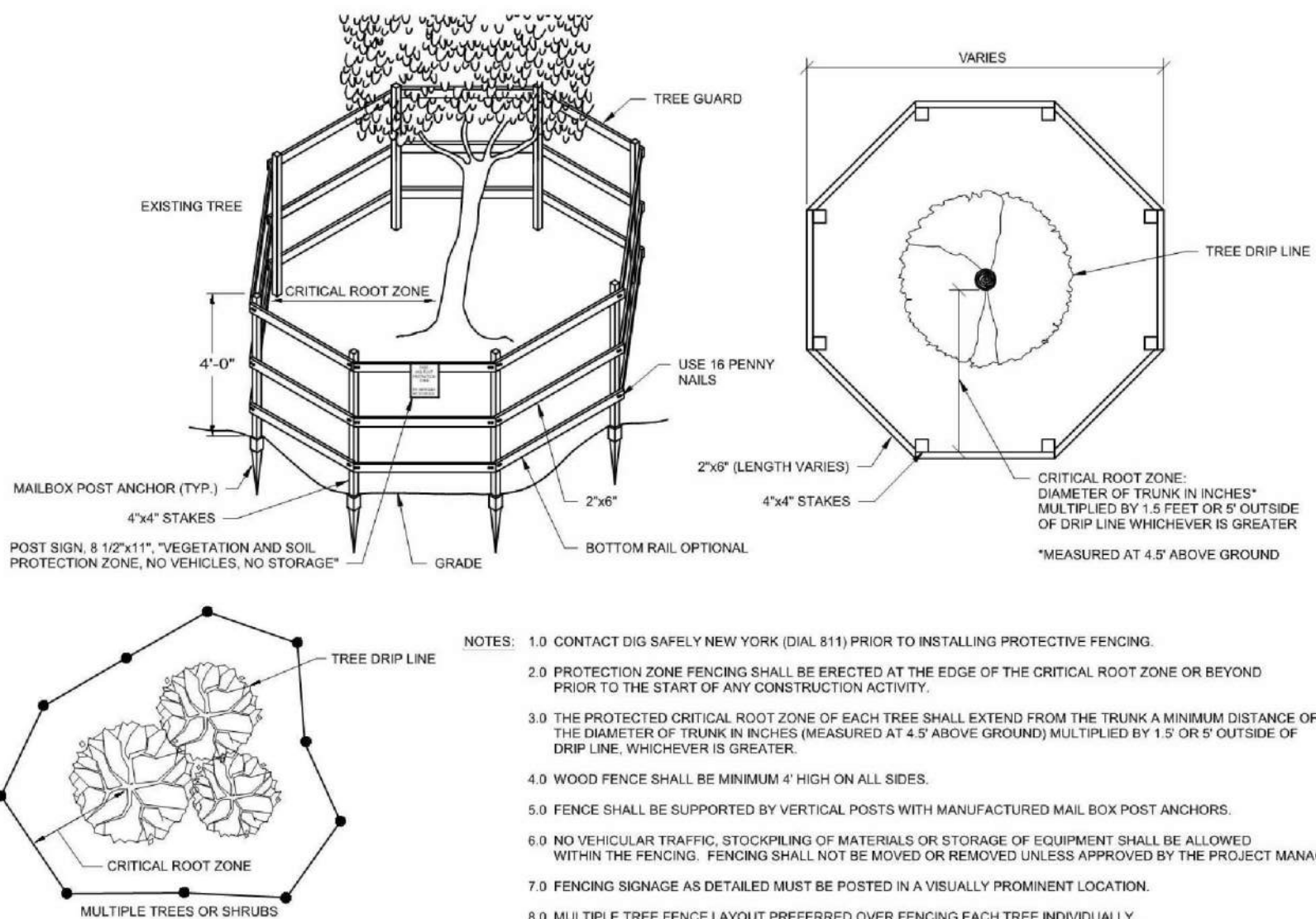
1. THIS DRAWING REPRESENTS A PROPOSED SITE UTILIZATION PLAN. FINAL PLAN REQUIRES REVIEW AND APPROVAL BY OWNER, BUILDING AND FIRE DEPARTMENT. EGRESS FROM ALL BUILDINGS TO THE RIGHT OF WAY SHALL BE PROTECTED AND MAINTAINED. ACCESS TO ALL FIRE DEPARTMENT CONNECTIONS SHALL NOT BE OBSTRUCTED.
2. CONTRACTOR TO SUBMIT A SITE USE PLAN FOR APPROVAL BY OWNER AND LOCAL JURISDICTION. PLAN SHALL INCLUDE METHOD FOR MAINTAINING AND PROTECTING MEANS OF EGRESS; INCLUDING LOCATIONS WHERE OVERHEAD PROTECTION IS REQUIRED, LOCATIONS WHERE TEMPORARY CLOSURES OF EXITS MAY BE REQUESTED, DUMPSTER LOCATIONS, TEMPORARY FENCING LOCATIONS AROUND WORK AREAS AND LIFTS, MATERIAL STORAGE AREAS, ON-SITE WORK AREAS AND ANY TEMPORARY SIGNAGE REQUIRED.
3. IMPACT TO BUILDINGS SHALL BE LIMITED DURING THE OCCUPANCY PERIOD. SEE SPECIFICATIONS FOR WORK SCHEDULE CRITERIA INCLUDING COMMENCEMENT, COMPLETION AND BLACK OUT DATES.
4. SEE G1.1 G1.2 AND G1.3 FOR INTERIOR ROOM LAYOUT OF EACH BUILDING IN SCOPE. PLANS ARE PROVIDED FOR REFERENCE ONLY.



**2** SEEDING DETAIL  
Scale: 1 1/2"=1'-0"



**3** PLANTING DETAIL  
Scale: 1"= 1'-0"



**4** TREE PROTECTION  
NTS



SCAFFOLDING NOTES

- SCAFFOLDING SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE OR OTHER STATE. SUBMIT SEALED DRAWINGS AND CALCULATIONS TO ENGINEER (CONSULTANT) AND BUILDING OWNER FOR REVIEW. THE CONTRACTOR'S ENGINEER IS THE "DELEGATED DESIGN ENGINEER" (DDE).
- COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR SCAFFOLDING.
- SCAFFOLDING SHALL BE DESIGNED TO MEET OR EXCEED OSHA REGULATIONS FOR LOADS IMPOSED AND LATERAL TIE-IN REQUIREMENTS.
- THE DESIGN OF SCAFFOLDING MUST INCLUDE PROVISIONS SUCH AS TOE PLATES AND NETTING WHICH REDUCE THE RISK OF FALLING MATERIALS AND/OR DEBRIS.
- WORKING DECKED LEVELS OF SCAFFOLDS SHALL BE FULLY PLANKED OR DECKED BETWEEN THE FRONT UPRIGHTS AND THE GUARDRAIL SUPPORTS. EACH DECKED LEVEL SHALL BE INSTALLED SO THAT THE SPACE BETWEEN ADJACENT UNITS AND THE SPACE BETWEEN THE PLATFORM AND THE UPRIGHTS IS NO MORE THAN 1 INCH WIDE, EXCEPT WHERE DEMONSTRATED THAT A WIDER SPACE IS NECESSARY.
- WORKING PLATFORMS OR DECKED LEVELS 10 FEET OR MORE ABOVE THE GROUND REQUIRE GUARDRAILS, MIDRAILS, AND TOEBOARDS. SEE OSHA 1926.451 FOR ADDITIONAL INFORMATION.
- SCAFFOLDING IS TO BE INSPECTED BY A COMPETENT PERSON UPON COMPLETION OF INSTALLATION, PRIOR TO EACH SHIFT, AND AFTER AN ADJUSTMENT OR REPAIR. INSPECTION IS TO INCLUDE ALL COMPONENTS, ATTACHMENTS, SUPPORTS, AND ANCHORAGES.
- PROVIDE FENCING ATTACHED TO BASE OF SCAFFOLD AS NOTED ON DRAWINGS. EXTEND CHAIN LINK FOR 8 FEET ABOVE FINISHED GRADE WHERE ATTACHED TO SCAFFOLD.
- PROVIDE FENCING AROUND PERIMETER OF SCAFFOLD AREA. PROVIDE POSTS, RAILS, AND CONNECTIONS OF STANDARD GALVANIZED STEEL PRODUCTS OF AN APPROVED MANUFACTURER, OF THE SIZE AND TYPES AS REQUIRED AND APPROVED. EXTEND CHAIN FENCING FOR 8 FT ABOVE FINISHED GRADE. MAINTAIN THE TEMPORARY FENCE ENCLOSURE THROUGHOUT THE CONTRACT, OR UNTIL DIRECTED TO BE REMOVED. REPLACE ALL ITEMS OR PORTIONS OF FENCE ENCLOSURE THAT BECOME DAMAGED OR DESTROYED.
- PROVIDE GATES INTO SCAFFOLDING AREA WITH LOCKS.
- STORAGE IS NOT ALLOWED ON SCAFFOLDING OR ON GROUND WITHIN SCAFFOLD AREA.
- CONSULT WITH THE ENGINEER OF RECORD FOR THE PROJECT REGARDING APPROPRIATE PROTECTION FOR EXISTING ROOF SURFACES IF SCAFFOLD IS TO BE SUPPORTED ON ROOFS, AND FOR MEANS OF THE SCAFFOLD TIE-INS.
- PROVIDE SCAFFOLDING STAIRS IN LIEU OF LADDER ACCESS AT SCAFFOLD LOCATIONS.
- THE DDE SHALL REVIEW AND VERIFY EXISTING BEARING GRADES THAT WILL BE PRESENT DURING SCAFFOLDING ERECTION AND USE, FOR PROPER SUPPORT OF THE SCAFFOLDING, AND SHALL PROVIDE APPROPRIATE SILLS OR CRIBBING.
- FOR SCAFFOLDING TO BEAR ON ROOFS, ON TUNNELS BELOW GRADE, OR ON SIMILAR STRUCTURES, THE DDE SHALL EVALUATE THE EXISTING STRUCTURE FOR THE IMPOSED LEG LOADS.
- SCAFFOLDING SHALL NOT BE ENCLOSED UNLESS IT HAS BEEN DESIGNED FOR ENCLOSURE WITH THE REQUIRED INCREASE IN TIE-INS.
- SCAFFOLDING SHALL BE DESIGNED AS MEDIUM DUTY.

SPECIAL INSPECTION NOTES

- THE OWNER WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS AS NECESSARY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE BCNYS.
- THE REGISTERED DESIGN PROFESSIONAL HAS PREPARED A STATEMENT OF SPECIAL INSPECTIONS, WHICH INCLUDES SPECIFICATION 014533, AND THE SCHEDULE OF SPECIAL INSPECTIONS. THESE DOCUMENTS WILL BE SUBMITTED WITH THE CONTRACT DOCUMENTS AND THE APPLICATION FOR BUILDING PERMIT TO THE CODE ENFORCEMENT OFFICIAL.
- SPECIAL INSPECTIONS AND TESTING SHALL BE CONTINUOUS OR PERIODIC DURING PERFORMANCE OF THE WORK, AS NOTED.
- THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING WITH THE REGISTERED DESIGN PROFESSIONAL, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUB-CONTRACTORS TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.
- THE SPECIAL INSPECTOR SHALL SUBMIT INTERIM REPORTS AND, AT THE COMPLETION OF SPECIAL INSPECTIONS, A FINAL STATEMENT OF SPECIAL INSPECTIONS. REPORTS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.
- THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES. SUBSEQUENT REPORTS SHALL NOTE WHEN AND HOW DEFICIENCIES WERE CORRECTED. THE SPECIAL INSPECTOR SHALL NOTIFY THE REGISTERED DESIGN PROFESSIONAL AND THE CODE ENFORCEMENT OFFICIAL OF DISCREPANCIES WHICH HAVE NOT BEEN CORRECTED.
- THE CONTRACTOR SHALL COOPERATE WITH THE SPECIAL INSPECTOR INCLUDING ADVANCE NOTIFICATION OF REQUIRED INSPECTION OR TEST, INCIDENTAL LABOR OR SAFE ACCESS TO THE WORK AREAS, AND ACCESS TO CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT INTERRUPTION.
- THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TEMPORARY SHORING AND BRACING NOTES

- TEMPORARY SHORING AND BRACING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE AND RETAINED BY THE CONTRACTOR. THE CONTRACTOR'S ENGINEER IS THE "DELEGATED DESIGN ENGINEER" (DDE).
- EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND DDE.
- TEMPORARY SHORING AND BRACING SHALL BE PROVIDED WHERE SHOWN IN THE DRAWINGS AND SHALL SUPPORT THE LOADS INDICATED. IF IT IS DETERMINED THAT SHORING OR BRACING IS REQUIRED IN LOCATIONS OTHER THAN THOSE SHOWN OR WHERE LOADS ARE NOT INDICATED, THE DDE SHALL DETERMINE THE LOADS.
- THE WEIGHT OF THE EXISTING SANDSTONE IS ESTIMATED AT 165 LBS/CU. FT.
- SUBMIT LAYOUT DRAWINGS AND CALCULATIONS FOR TEMPORARY SHORING AND BRACING SYSTEMS, PREPARED AND SEALED BY THE DDE, FOR REVIEW BY THE REGISTERED DESIGN PROFESSIONAL. REGISTERED DESIGN PROFESSIONAL'S REVIEW IS FOR LOADING AND CONCEPT ONLY. DESIGN AND CONSTRUCTION OF SHORING AND BRACING REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- TEMPORARY SHORING AND BRACING CONCEPTS, WHERE SHOWN IN THE DRAWINGS, ARE FOR BIDDING PURPOSES ONLY. THEY ARE NOT INTENDED TO BE THE ONLY ACCEPTABLE CONCEPT. ALTERNATE CONCEPTS AND MEANS AND METHODS OF WORK MAY BE PROPOSED, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH CONTRACT PROCEDURES FOR ALTERNATES AND SUBSTITUTIONS.
- TEMPORARY SHORING AND BRACING SHALL BE REVIEWED ON A DAILY BASIS BY A COMPETENT PERSON TO VERIFY THAT IT REMAINS STABLE AND FUNCTIONING AS INTENDED.

MCWB | ARCHITECTS

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GENERAL NOTES

WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
MCFADDIN BUTRESS REPAIR AND LEANING  
CHIMNEY REMOVAL  
CORNELL UNIVERSITY, 117 GOTHICS WAY, ITHACA, NY 14853



REVISIONS

SCALE  
AS NOTED

COMMISSION NO.  
2315

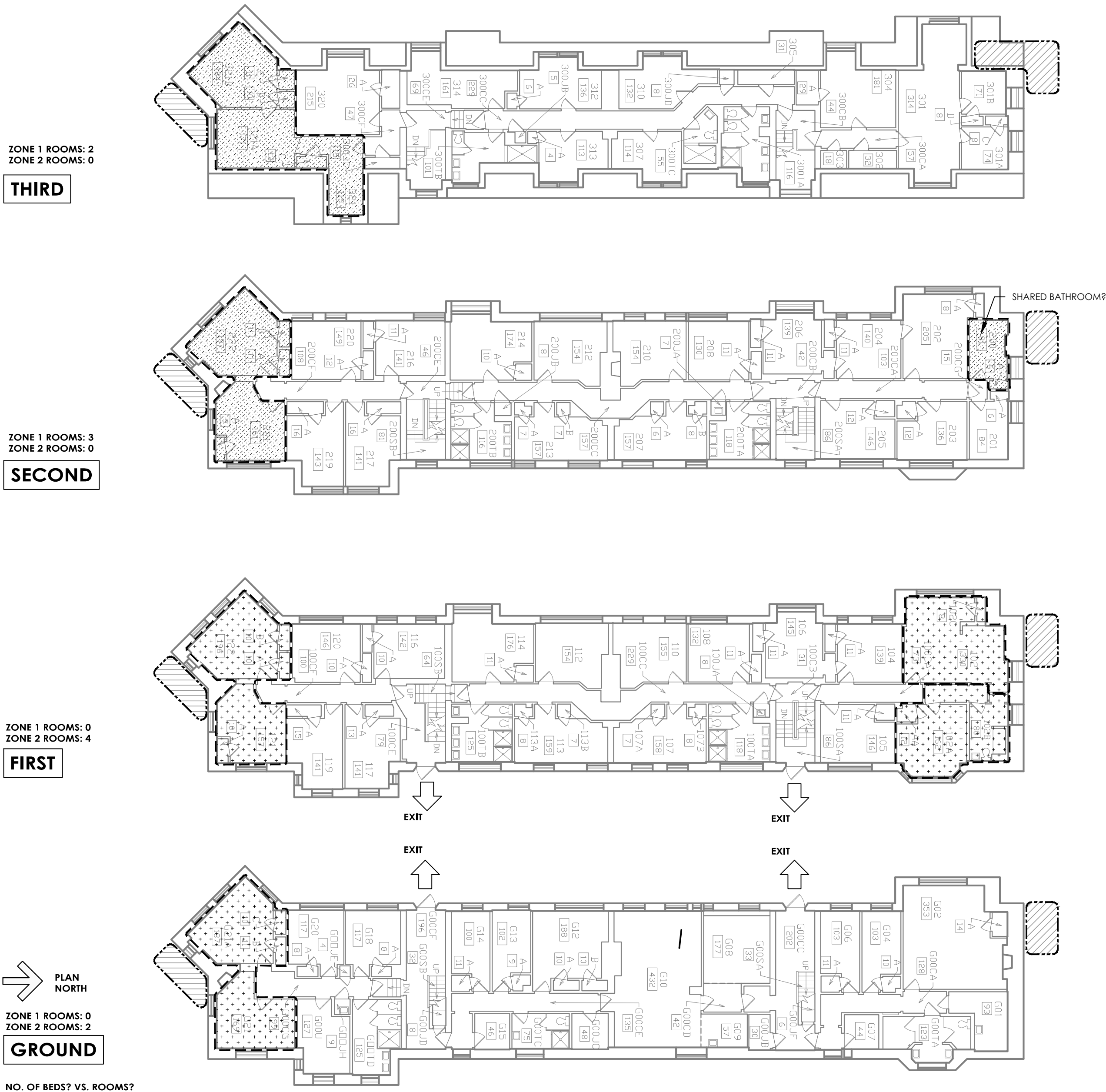
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DATE  
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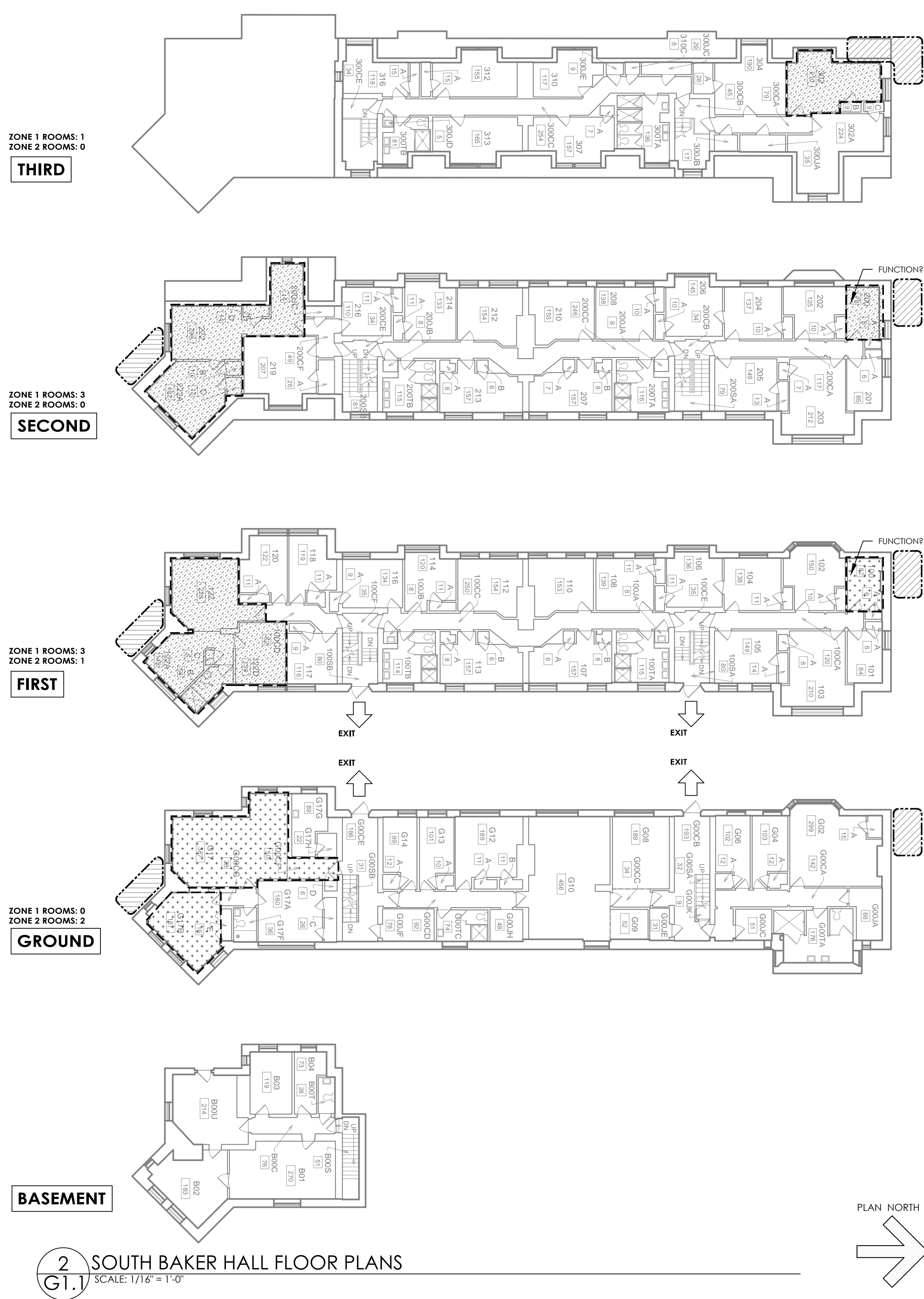
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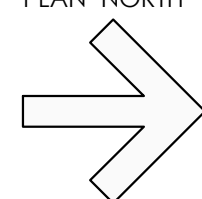




1 NORTH BAKER HALL FLOOR PLANS  
SCALE: 1/16" = 1'-0"



2 SOUTH BAKER HALL FLOOR PLANS  
SCALE: 1/16" = 1'-0"



| LEGEND |   |
|--------|---|
|        | APPROXIMATE AREA OF EXTERIOR ACCESS REQUIRED FOR SCOPE  |
|        | ZONE 1. SPACES IMPACTED BY WORK (AREAS INCLUDE THOSE SPACES THAT ARE DIRECTLY ADJACENT TO OR WITHIN ONE FLOOR VERTICALLY, OF THE WORK)  |
|        | ZONE 2. SPACES IMPACTED BY WORK (AREAS INCLUDE THOSE SPACES THAT ARE ADJACENT TO SCAFFOLDING OR LIFT ACCESS, WITHIN TWO FLOORS VERTICALLY OR APPEARS TO BE PART OF A SUITE OR SHARED SPACE THAT HAS BEEN IDENTIFIED AS ZONE 1 OR 2. |

| GENERAL NOTES  |  |  |
|--|--|--|
| 1. THIS DRAWING IS PROVIDED FOR INFORMATION AND PLANNING PURPOSES ONLY.  |  |  |
| 2. WORK IS LIKELY TO OVERLAP WITH OCCUPANCY. SEE SPEC SECTION 011400 WORK RESTRICTIONS FOR DATES AND TIMES RELATED TO WORK RESTRICTIONS.   |  |  |
| 3. IF CONSTRUCTION WORK IS APPROVED TO OCCUR DURING OCCUPANCY THIS DRAWING CAN BE USED TO UNDERSTAND WHERE OCCUPIED ROOMS EXIST AND WHERE LIMITS ON NOISE, CONSTRUCTION HOURS OR OTHER REQUIREMENTS MAY BE REQUIRED. |  |  |
| 4. THE WORK DOES NOT IMPACT INTERIOR EGRESS ROUTES, BUT CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN THE EXIT DISCHARGE AND PATH TO PUBLIC WAYS.   |  |  |

| ROOM COUNTS      |                 |                                      |
|------------------|-----------------|--------------------------------------|
| BUILDING         | TOTAL BED COUNT | NO. OF ROOMS ADJACENT TO WORK AREAS* |
| BOLDT TOWER      | 9               | 13                                   |
| BOLDT HALL       | 57              | 4                                    |
| BAKER TOWER      | 105             | 47                                   |
| NORTH BAKER HALL | 72              | 10                                   |
| FOUNDERS HALL    | 83              | 4                                    |
| LYON HALL        | 62              | 46                                   |
| MCFADDIN HALL    | 60              | 60                                   |

\*WHETHER ROOMS ARE SINGLES, DOUBLES OR COMMON SPACES IS NOT DEPICTED HERE. THEREFORE NO. OF IMPACTED ROOMS DOES NOT CORRELATE WITH NUMBER OF BEDS.





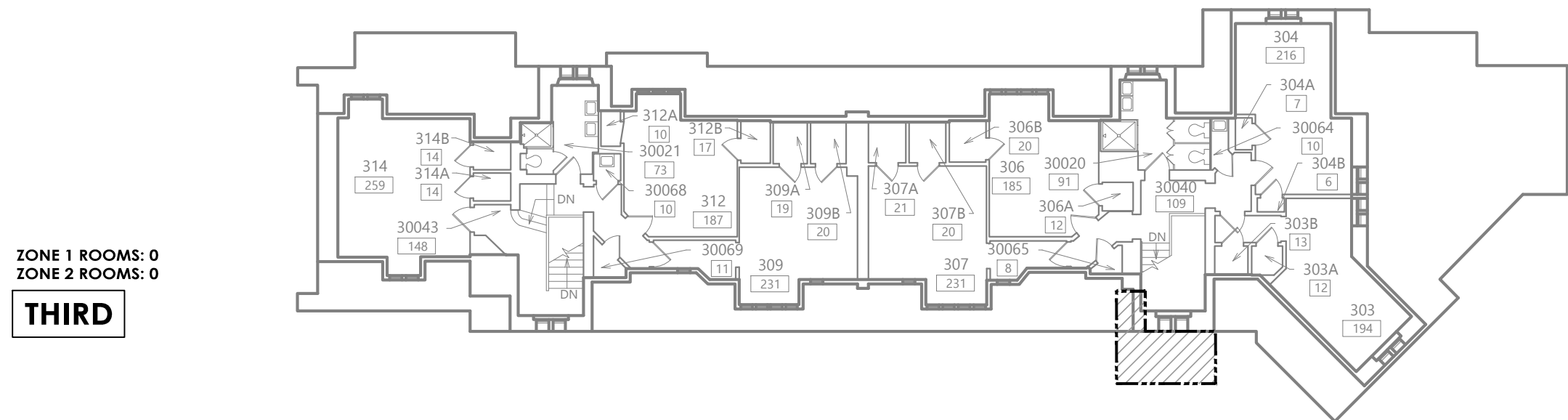


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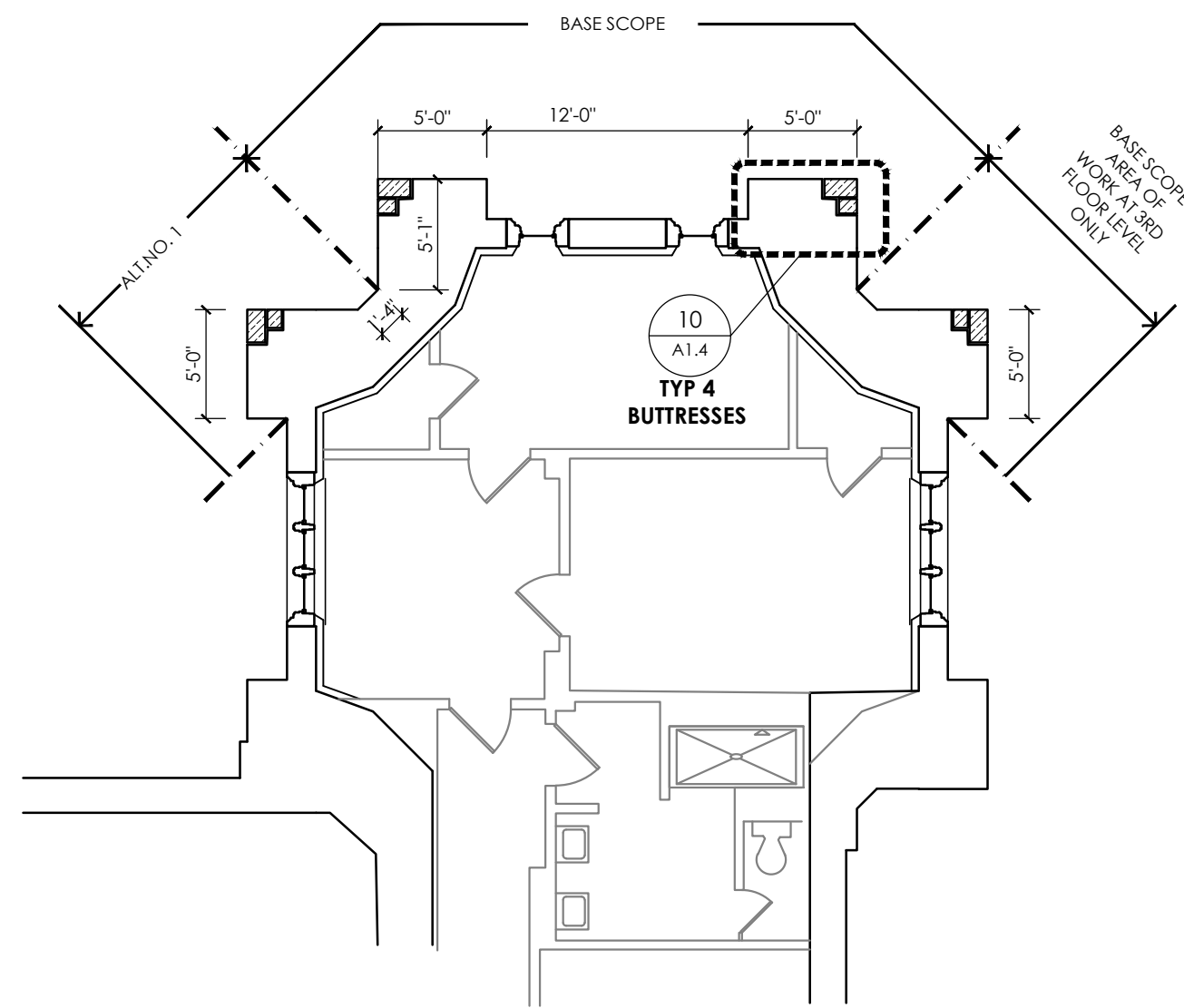
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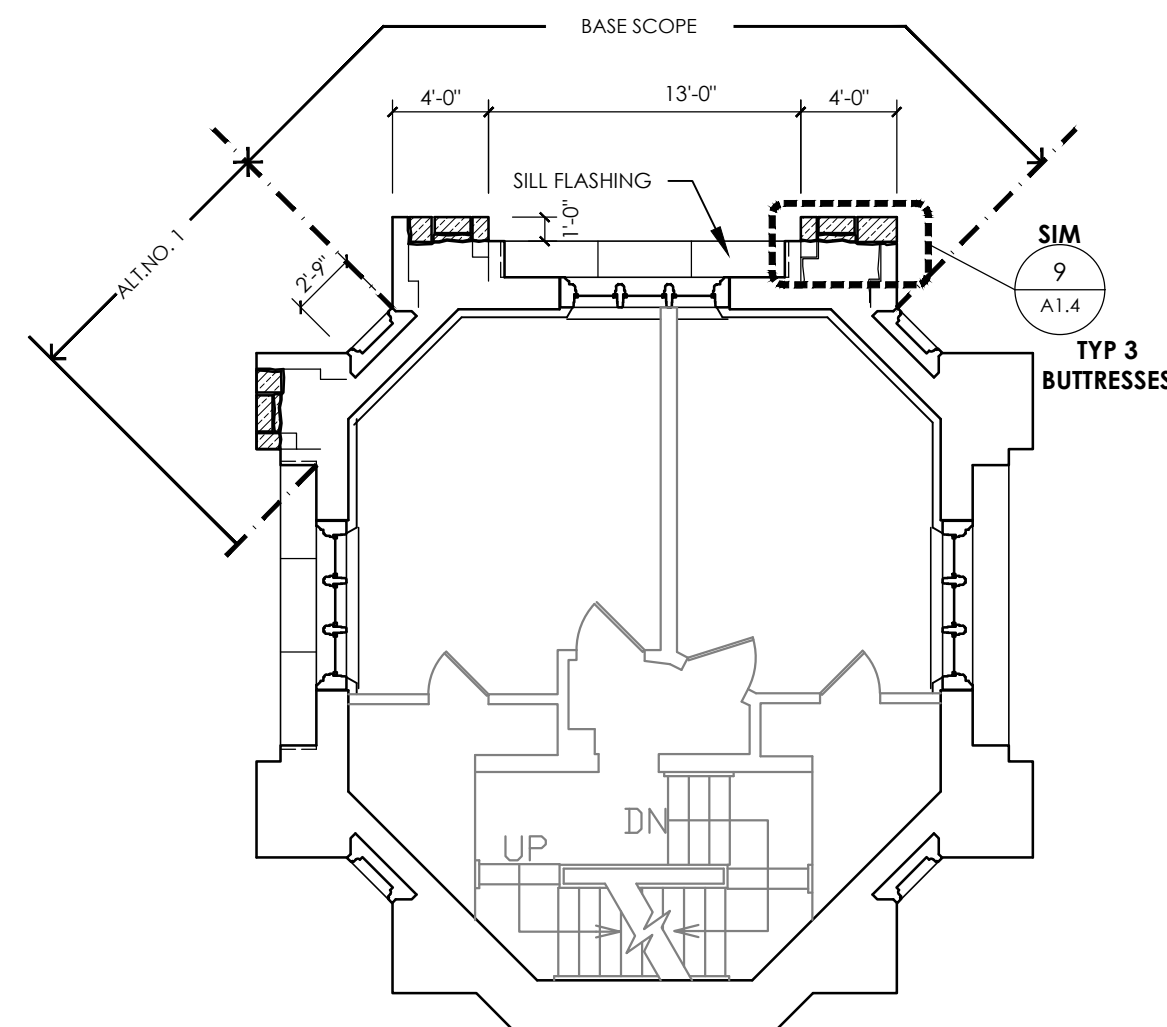
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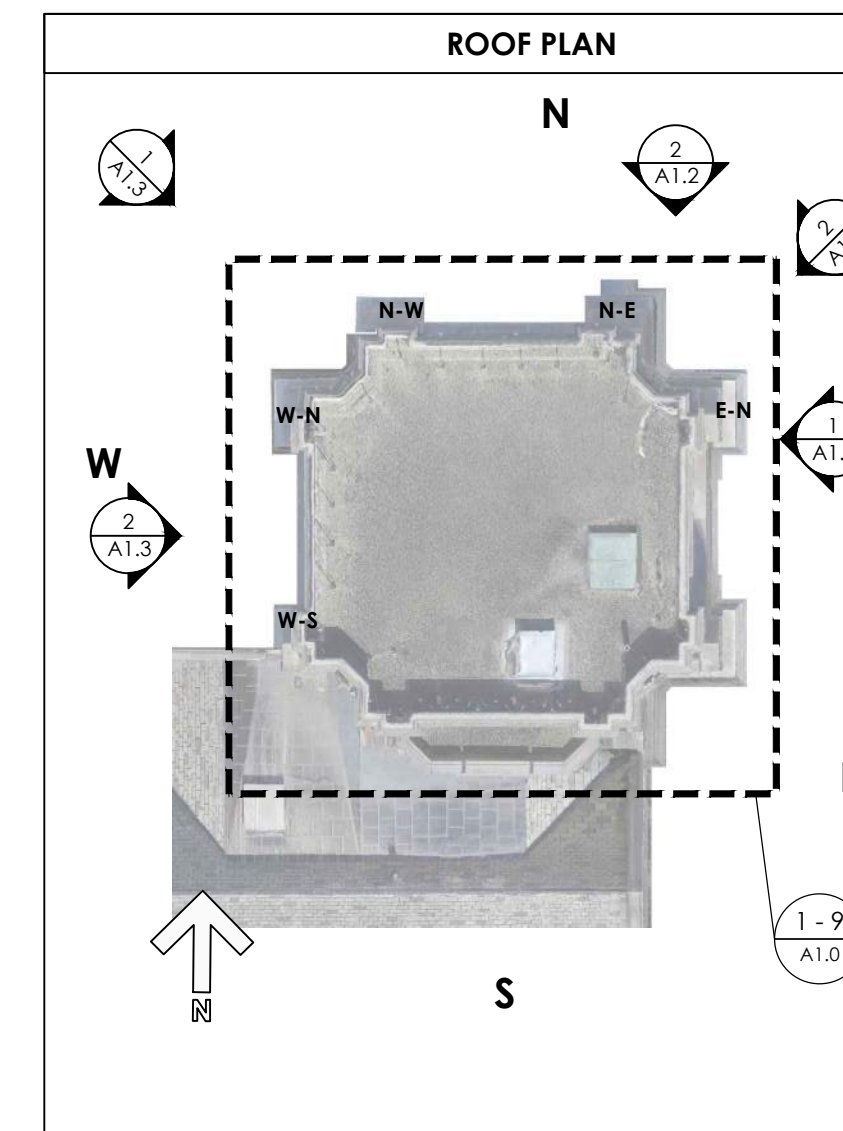




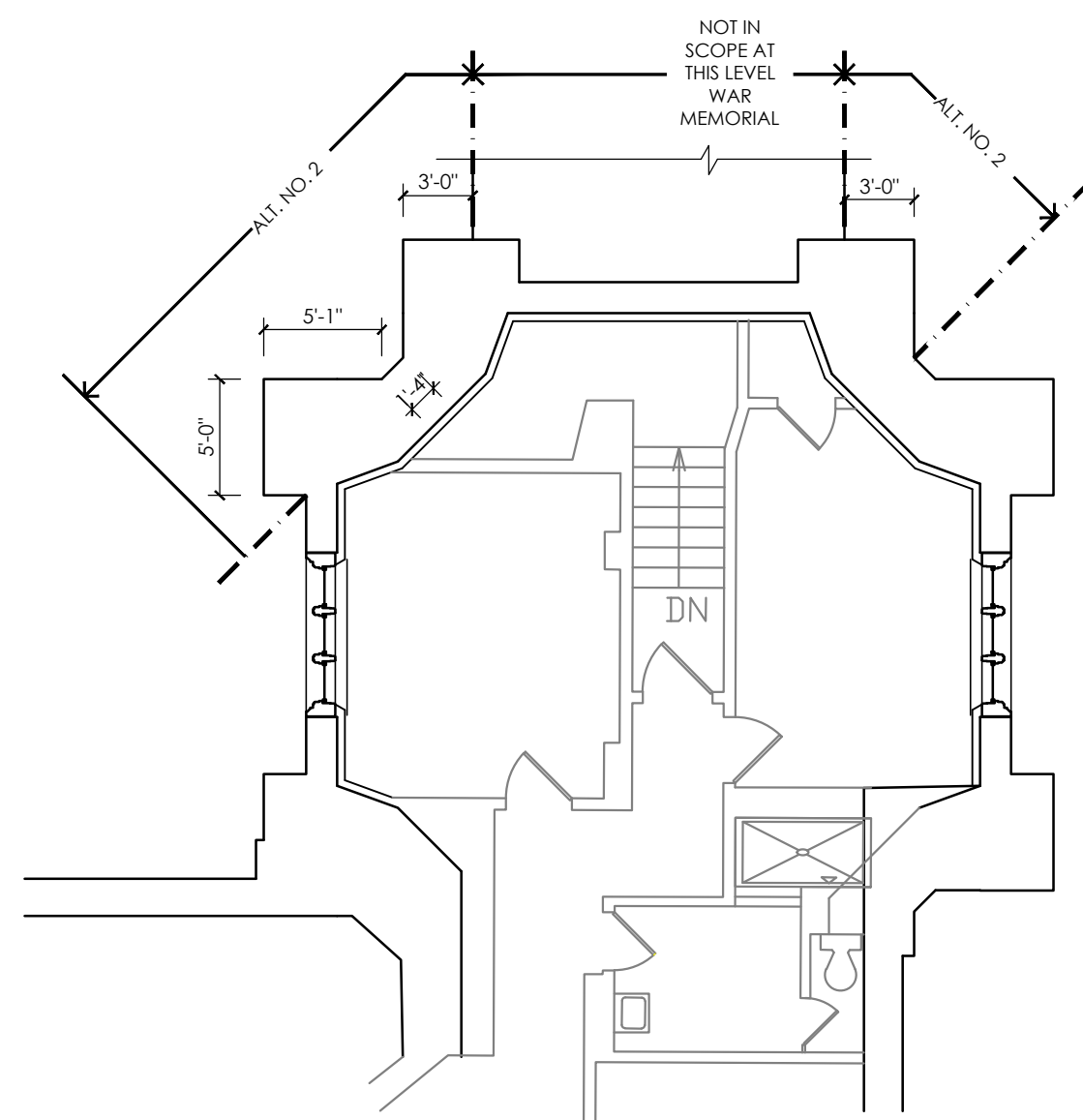
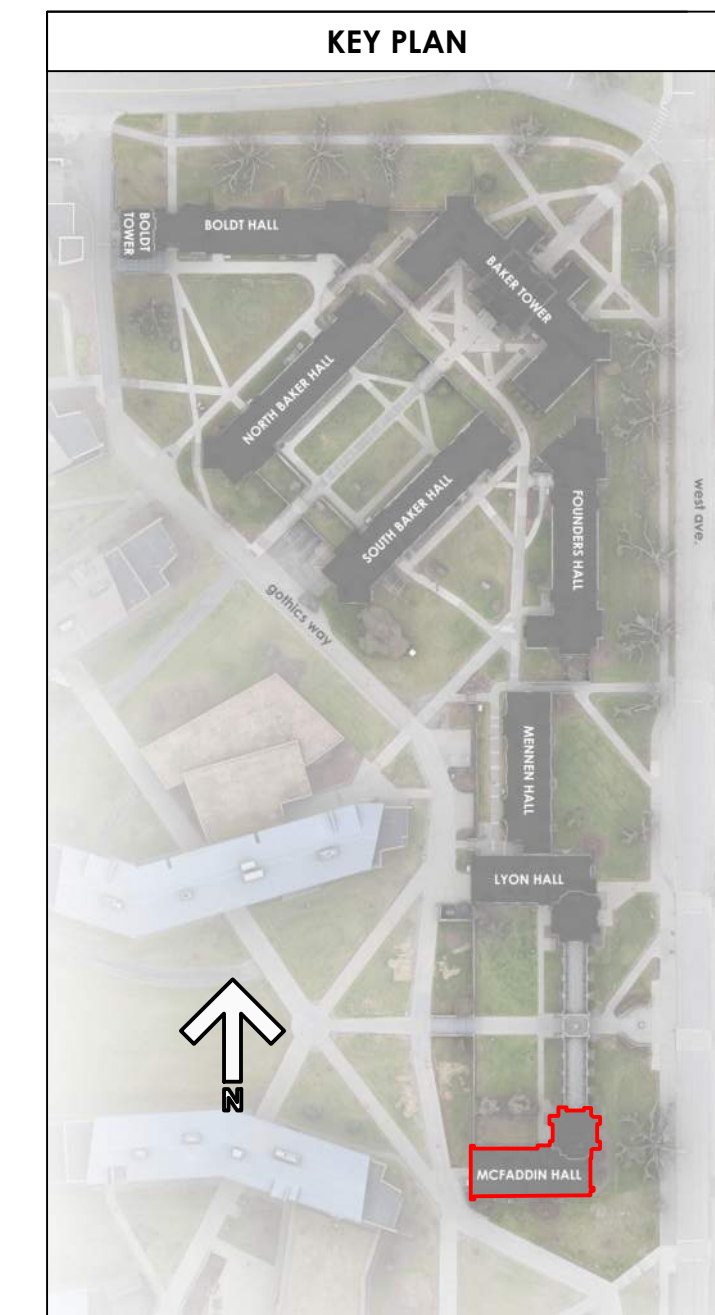
3 THIRD FLOOR  
A1.0 Scale: 1/8"=1'-0"



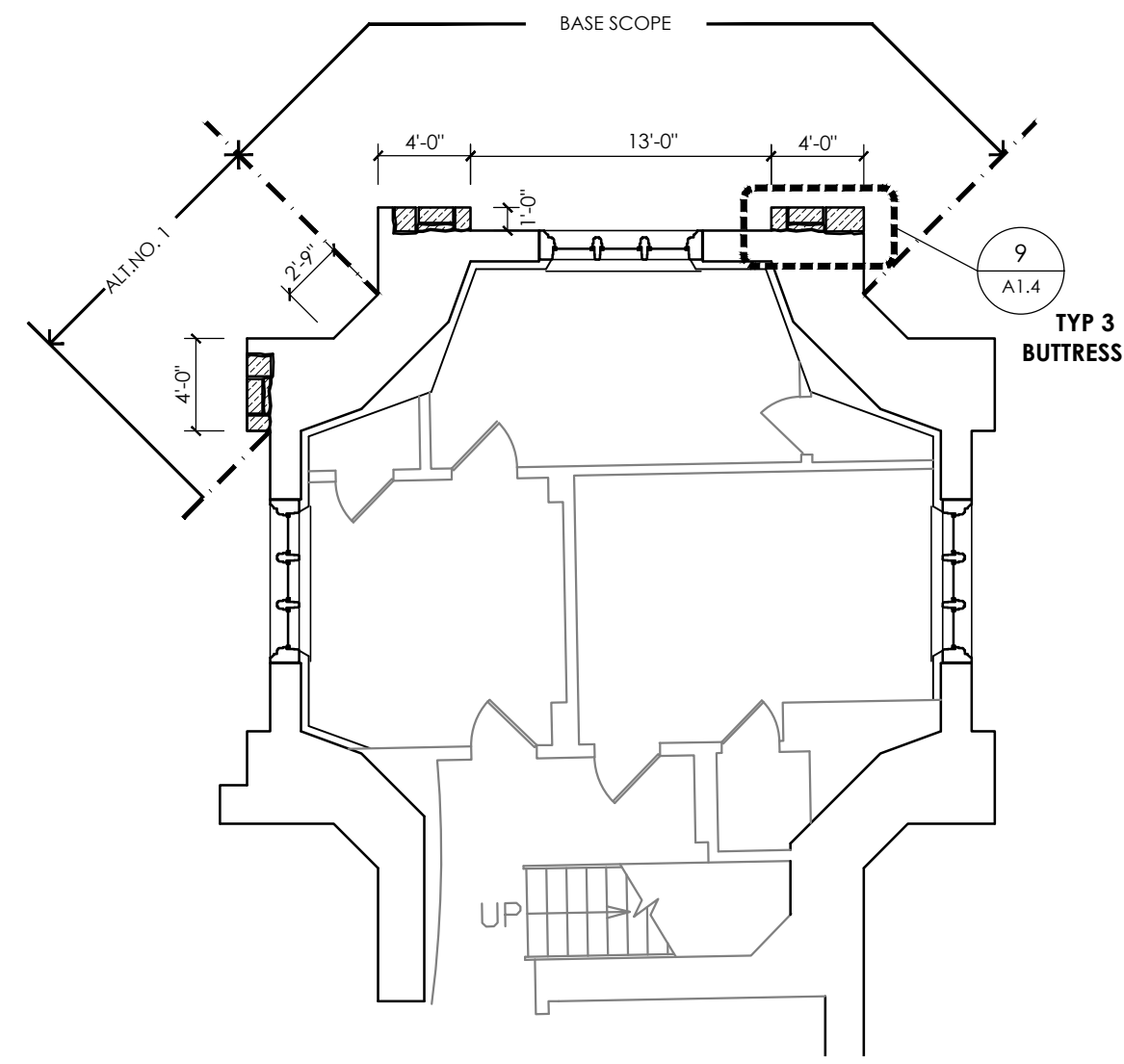
6 SIXTH FLOOR  
A1.0 Scale: 1/8"=1'-0"



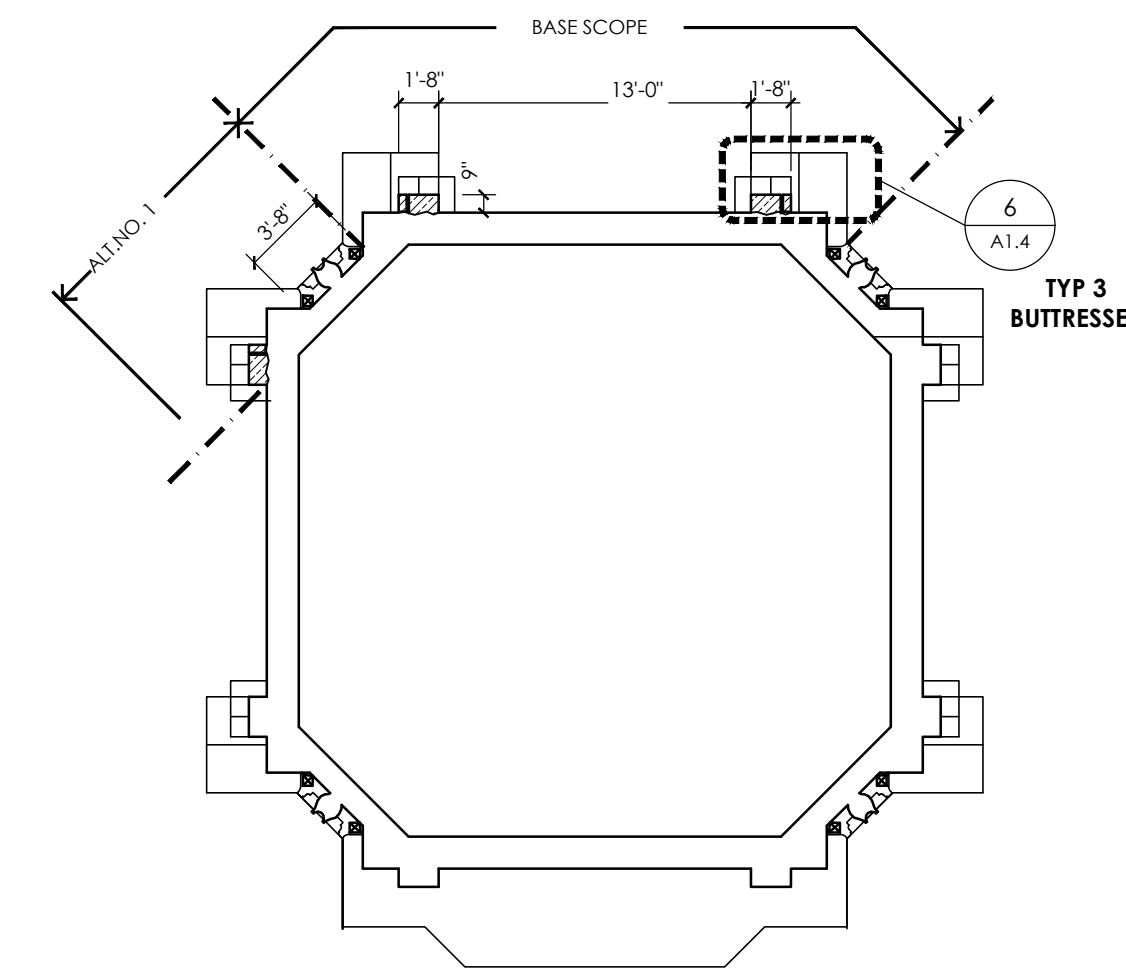
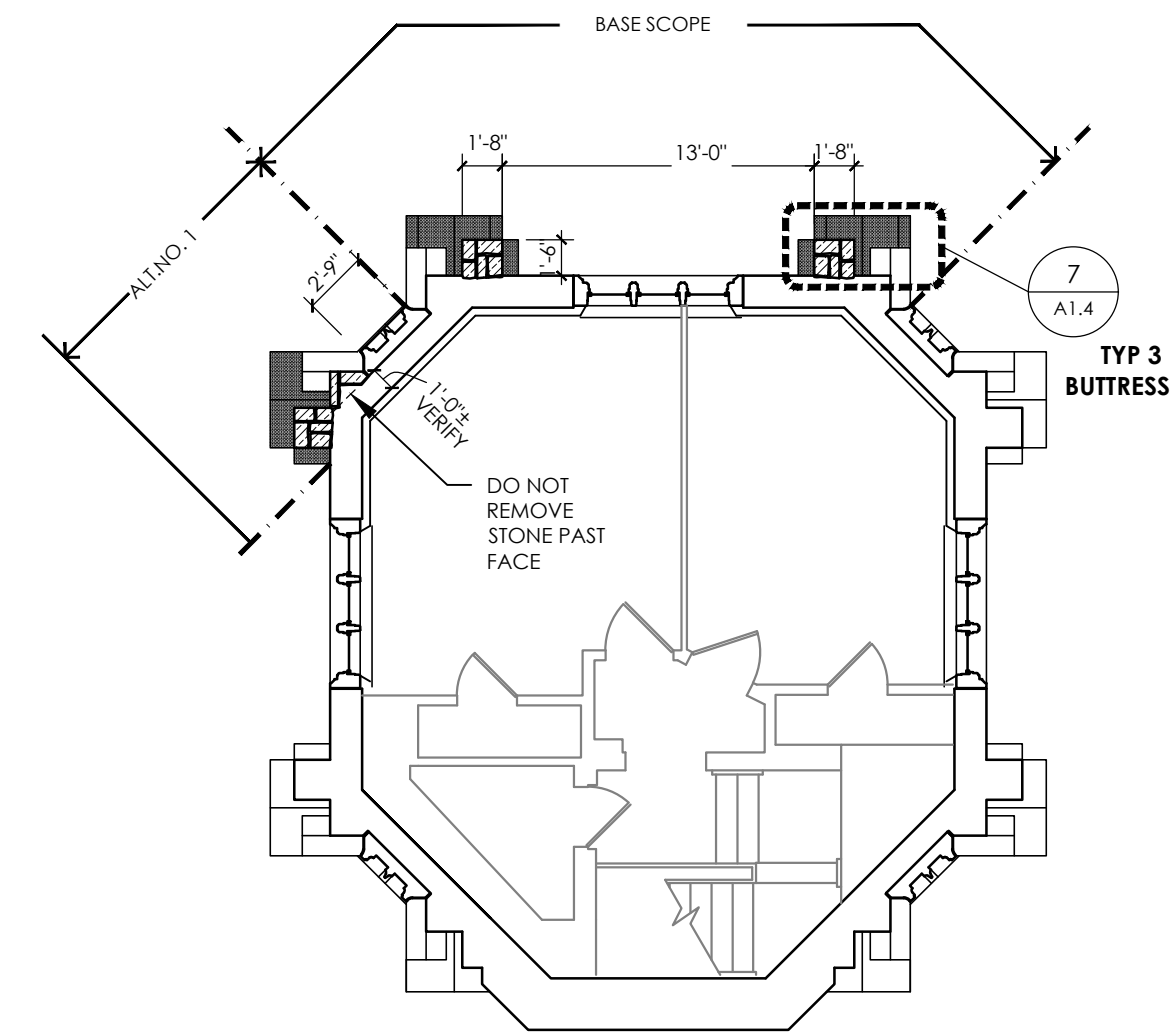
8 EIGHTH FLOOR  
A1.0 Scale: 1/8"=1'-0"



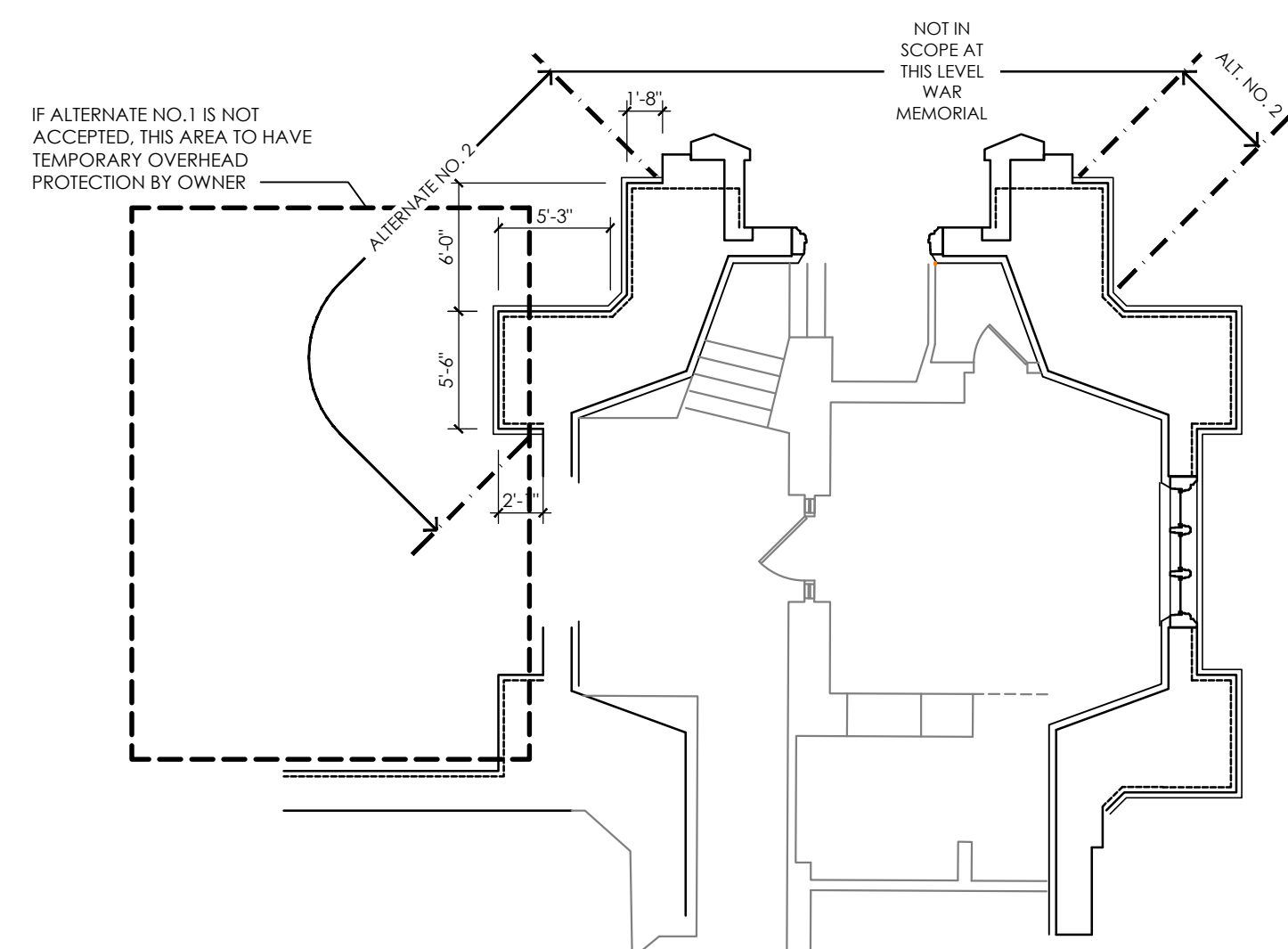
2 SECOND FLOOR  
A1.0 Scale: 1/8"=1'-0"



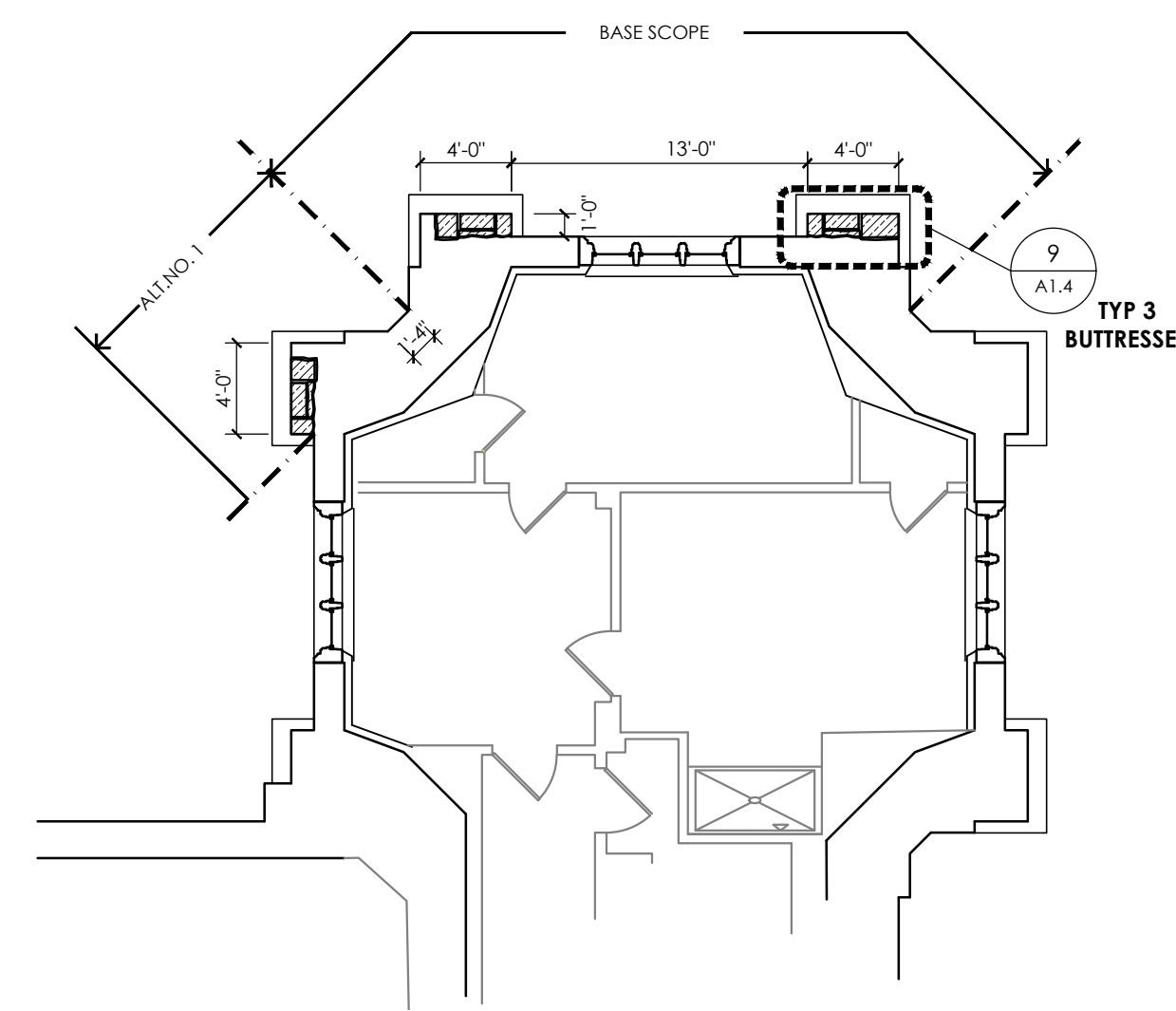
5 FIFTH FLOOR  
A1.0 Scale: 1/8"=1'-0"



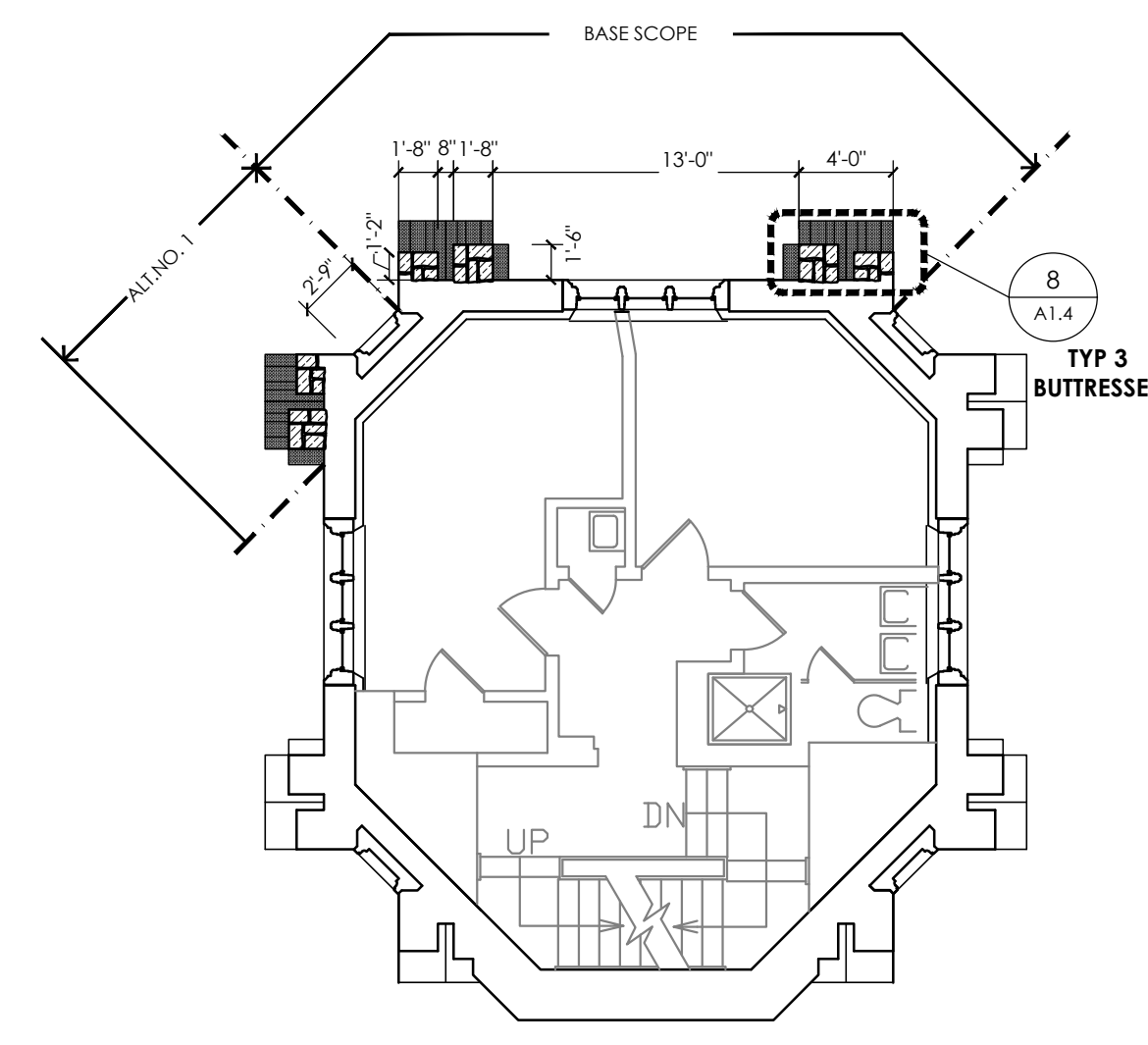
9 ROOF ACCESS  
A1.0 Scale: 1/8"=1'-0"



1 FIRST FLOOR  
A1.0 Scale: 1/8"=1'-0"



4 FOURTH FLOOR  
A1.0 Scale: 1/8"=1'-0"

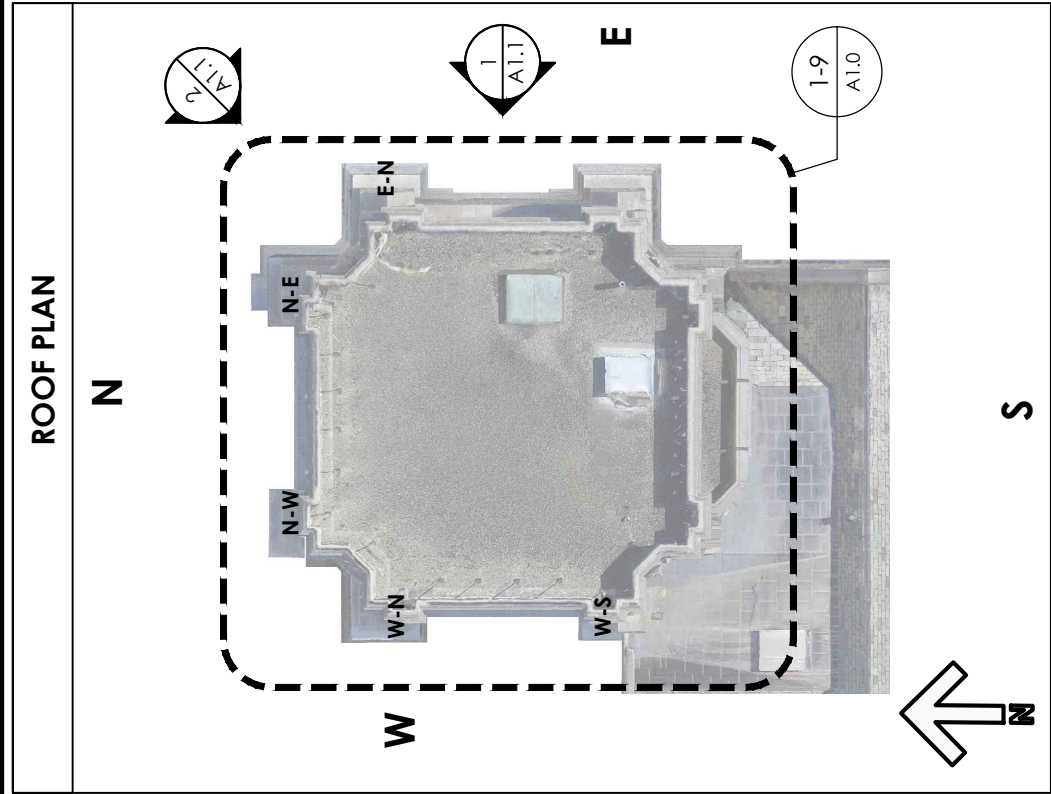


7 SEVENTH FLOOR  
A1.0 Scale: 1/8"=1'-0"

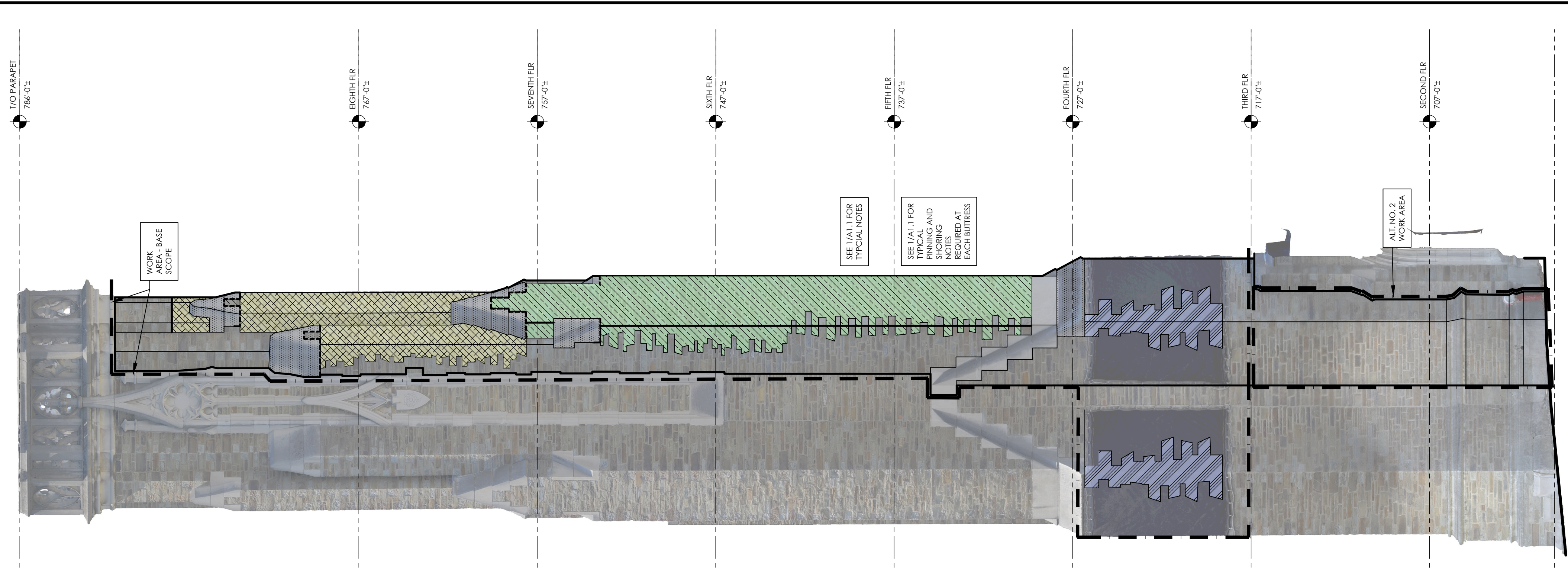
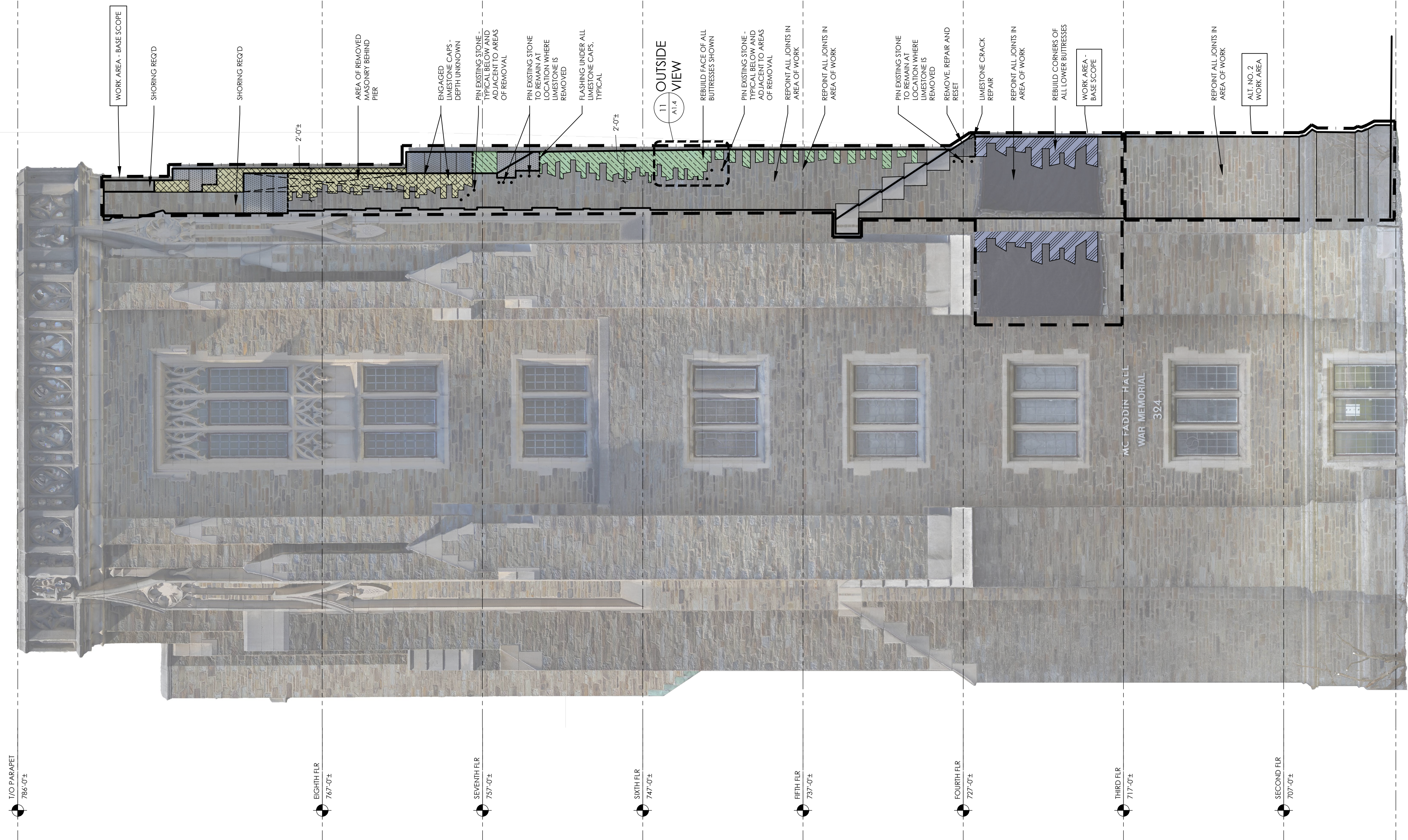
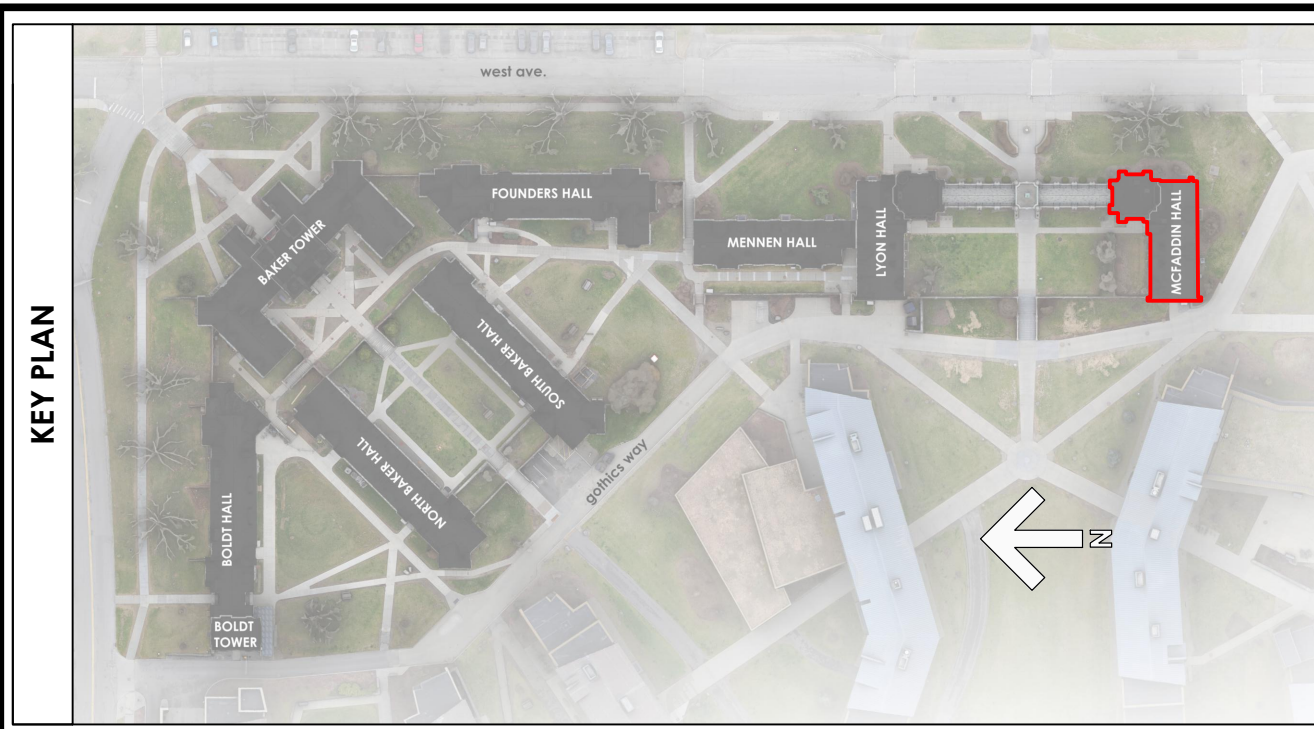


SCOPE OF WORK - MCFADDIN TOWER

- SEE PROJECT MANUAL FOR COMPLETE SPECIFICATIONS INCLUDING BUT NOT LIMITED TO: 012000 UNIT PRICES AND 012300 ALTERNATES
1. BASE CONTRACT: NORTH & EAST FACADE BUTTRESSES
- 1.1. NORTH-EAST (N-E) AND NORTH-WEST (N-W) BUTTRESSES ABOVE THE THIRD FLOOR LINE
- 1.2. MOVE THE THIRD FLOOR LINE BETWEEN THIRD AND FOURTH FLOORS
- 1.3. REPORT ALL STONE JOINTS IN THE WORK AREA TO A DEPTH OF 2" WITH TYPE N MORTAR. JOINT PROFILE AND COLOR TO MATCH ORIGINAL - DISCOLORATION SCORED WITH HORIZONTAL VERTICAL AND DIAGONAL LINES
- 1.4. REBUILD ALL AREAS DEPICTED WITH NEW SANDSTONE STONE SIZES, SHAPES AND FINISHES TO MATCH EXISTING. SEE ELEVATION 1 FOR SPECIFIC AND GENERAL NOTES ON A1.4 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 1.5. IN-SITU MOCK-UP DEMONSTRATING SANDSTONE LAYOUT, COLOR, APPROVAL, JOINTS AND FINISHES. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 1.6. PROVIDE METAL FLASHING AT TOP OF DEEP SILL ON NORTH FACADE. ALL REPLACEMENT LIMESTONE SHALL BE DOLOMITIC LIMESTONE. 1.7. PROVIDE METAL FLASHING AT TOP OF DEEP SILL ON NORTH FACADE. ALL REPLACEMENT LIMESTONE SHALL BE DOLOMITIC LIMESTONE. 1.8. PROVIDE METAL FLASHING AT TOP OF DEEP SILL ON NORTH FACADE. ALL REPLACEMENT LIMESTONE SHALL BE DOLOMITIC LIMESTONE. 1.9. PROVIDE METAL FLASHING AT TOP OF DEEP SILL ON NORTH FACADE. ALL REPLACEMENT LIMESTONE SHALL BE DOLOMITIC LIMESTONE.
2. BASE CONTRACT: NORTH FACADE LIMESTONE WINDOW SURROUNDS
- 2.1. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4
- 2.2. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4
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3. BASE CONTRACT: NORTH FACADE FIELD BETWEEN BUTTRESSES
- 3.1.1. REPORT ALL SANDSTONE JOINTS TO A DEPTH OF 2" ON NORTH FACADE OF TOWER BETWEEN THE 2 BUTTRESSES
- 3.1.2. PROVIDE TIES WITHIN 12" OF ALL CORNERS. SEE DETAILS ON A1.4
- 3.1.3. PROVIDE TIES WITHIN 12" OF ALL CORNERS. SEE DETAILS ON A1.4
- 3.1.4. PROVIDE TIES WITHIN 12" OF ALL CORNERS. SEE DETAILS ON A1.4
4. ALTERNATE NO. 1: WEST-NORTH BUTTRESS
- 4.1. WEST-NORTH (W-N) BUTTRESS ABOVE THE THIRD FLOOR LINE
- 4.2. REBUILD ALL AREAS DEPICTED ON ELEVATIONS SIMILAR TO 4.1. REBUILD ALL AREAS DEPICTED ON ELEVATIONS SIMILAR TO 4.1. REBUILD ALL AREAS DEPICTED ON ELEVATIONS SIMILAR TO 4.1.
- 4.3. REPORT DIAGONAL FACE BETWEEN 2 NW BUTTRESSES ABOVE THE THIRD FLOOR (INCLUDES LIMESTONE)
5. ALTERNATE NO. 2:
- 5.1. REPORT ALL STONE JOINTS TO A DEPTH OF 2" BELOW THE THIRD FLOOR LINE. REBUILD ALL AREAS DEPICTED ON ELEVATIONS SIMILAR TO 5.1. REBUILD ALL AREAS DEPICTED ON ELEVATIONS SIMILAR TO 5.1.
6. UNIT COST NO. 1: REPLACING CRACKED OR CRAZING SANDSTONE WITH NEW SANDSTONE. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 6.1. REPLACING CRACKED OR CRAZING SANDSTONE WITH NEW SANDSTONE. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 6.2. REPLACING CRACKED OR CRAZING SANDSTONE WITH NEW SANDSTONE. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 6.3. REPLACING CRACKED OR CRAZING SANDSTONE WITH NEW SANDSTONE. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
- 6.4. REPLACING CRACKED OR CRAZING SANDSTONE WITH NEW SANDSTONE. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT. SEE ELEVATION 1 FOR ADDITIONAL INFORMATION, TABLE AND SECTION LAYOUT.
7. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4
8. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4
9. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4
10. PROVIDE FLASHING UNDER LIMESTONE COMPONENTS THAT ARE REMOVED AND RESET AND OVER DEEP SHELF AT 6TH LEVEL. SEE ELEVATIONS FOR LOCATIONS. ALL EMBEDDED FLASHING SHALL BE FLEXIBLE SS. FLASHING ON TOP OF SHELF SILL SHALL BE 20 OZ LEAD COATED COPPER. SEE DTL 3/A1.4 3/A1.4



- LEGEND
- REMOVE & REPLACE SANDSTONE TO 0" PLANE \*
  - REMOVE & REPLACE SANDSTONE TO +18" PLANE \*
  - REMOVE & REPLACE OUTER WYTHE OF SANDSTONE
  - REMOVE AND REINSTALL LIMESTONE
  - DUTCHMAN REPAIR - 5/A1.4
  - WORK AREA
  - FLASHING - 3/A1.4
  - CRACK REPAIR - 4/A1.4
- \* ADDITIONAL DEPTH MAY BE REQUIRED AT CORNERS AS WELL AS AT OTHER LOCATIONS WHERE DAMAGED STONES ARE MORE DEEPLY ENGAGED IN WALL



1 EAST ELEVATION  
A1.1 Scale: 1/4"=1'-0"

2 NORTHEAST ELEVATION  
A1.1 Scale: 1/4"=1'-0"

DRAWING NO. A1.1

SCALE AS NOTED  
COMMISSION NO. 2315  
DRAWN BY D.J.P. LAW  
DATE OCTOBER 28, 2025

REVISIONS

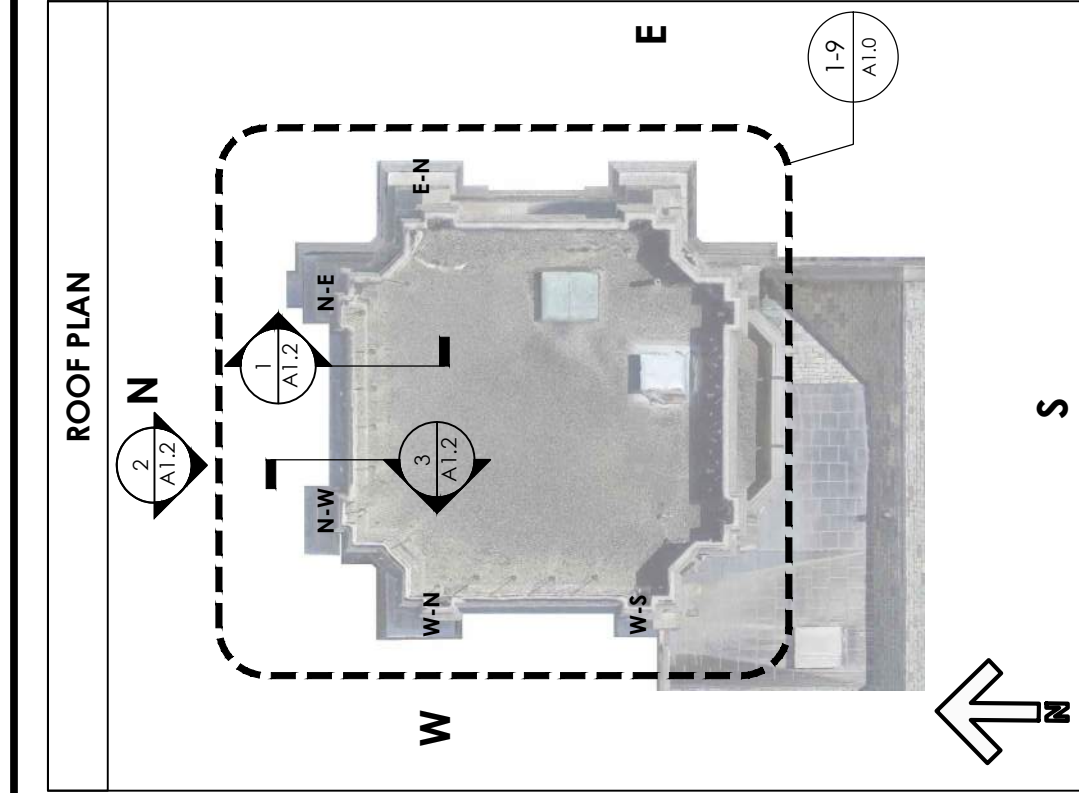


MCFADDIN TOWER ELEVATIONS  
WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
MCFADDIN BUTTRESS REPAIR AND LEANING CHIMNEY REMOVAL  
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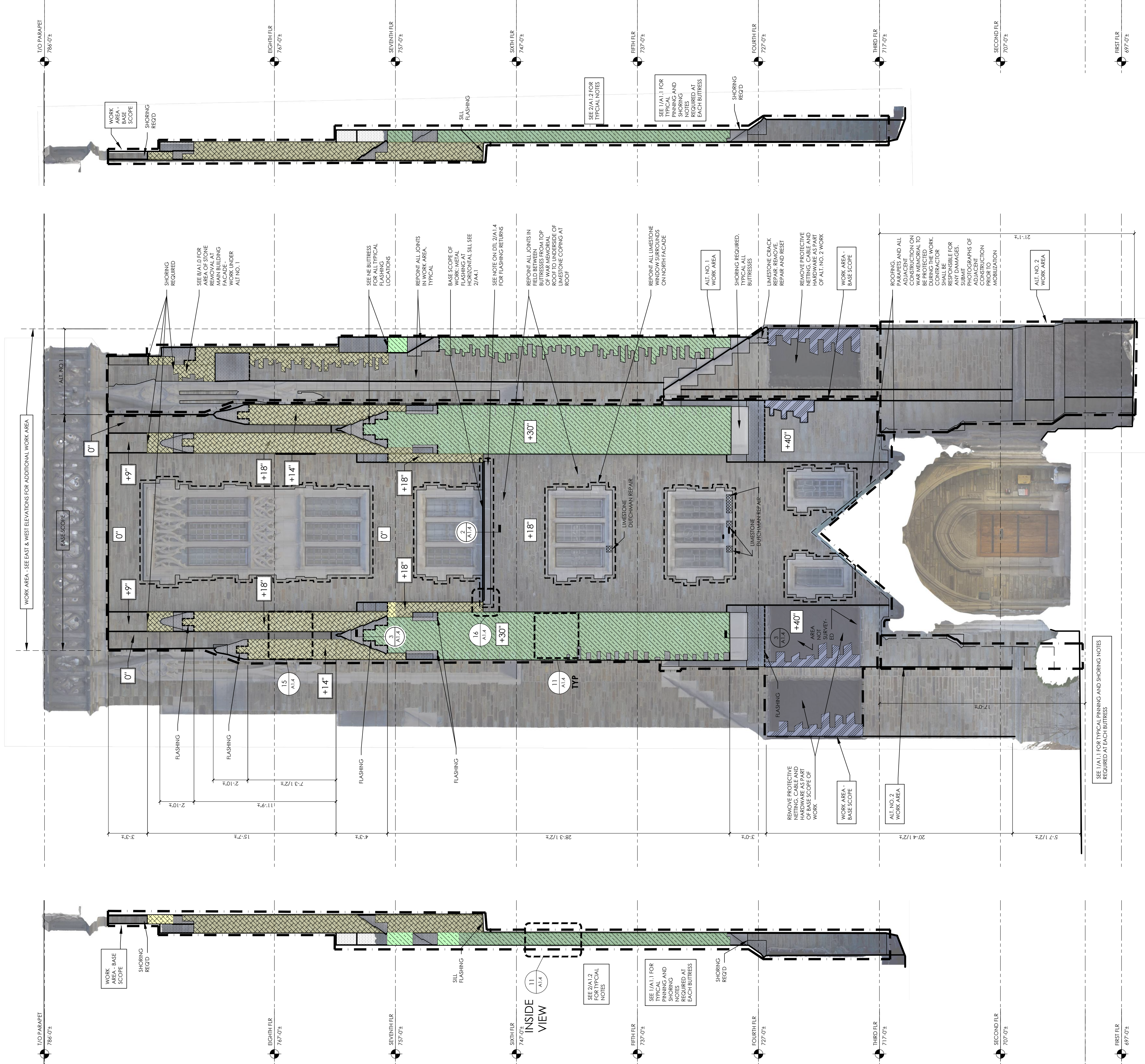
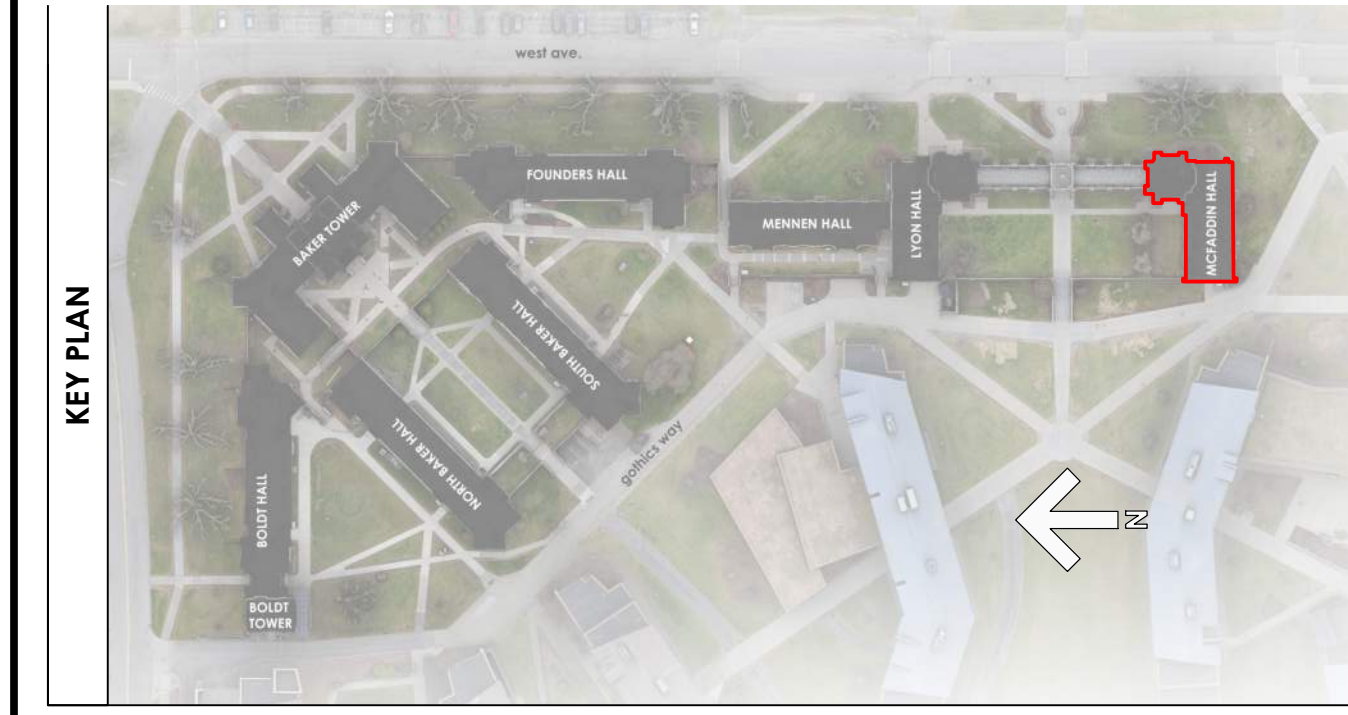




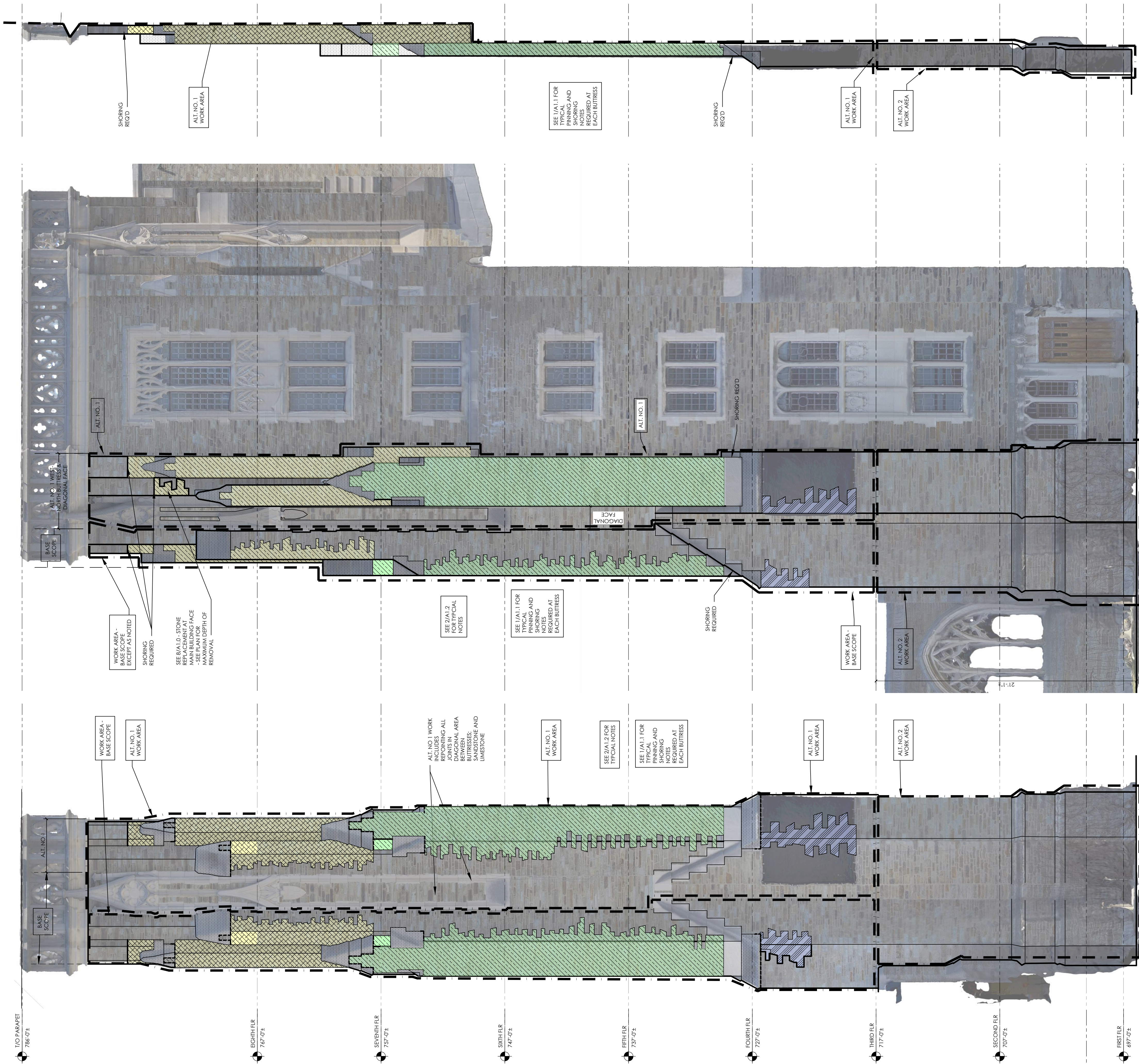
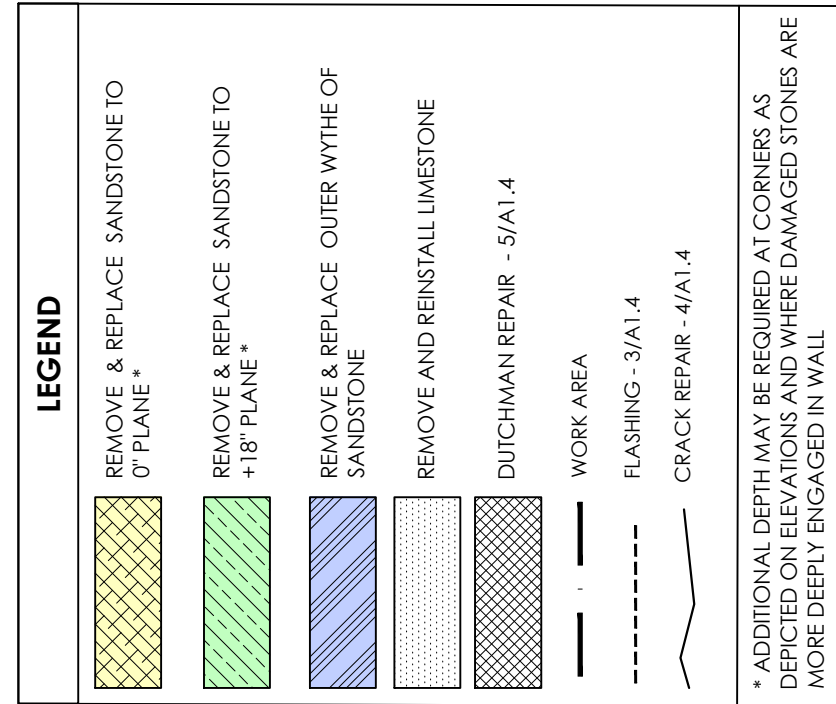
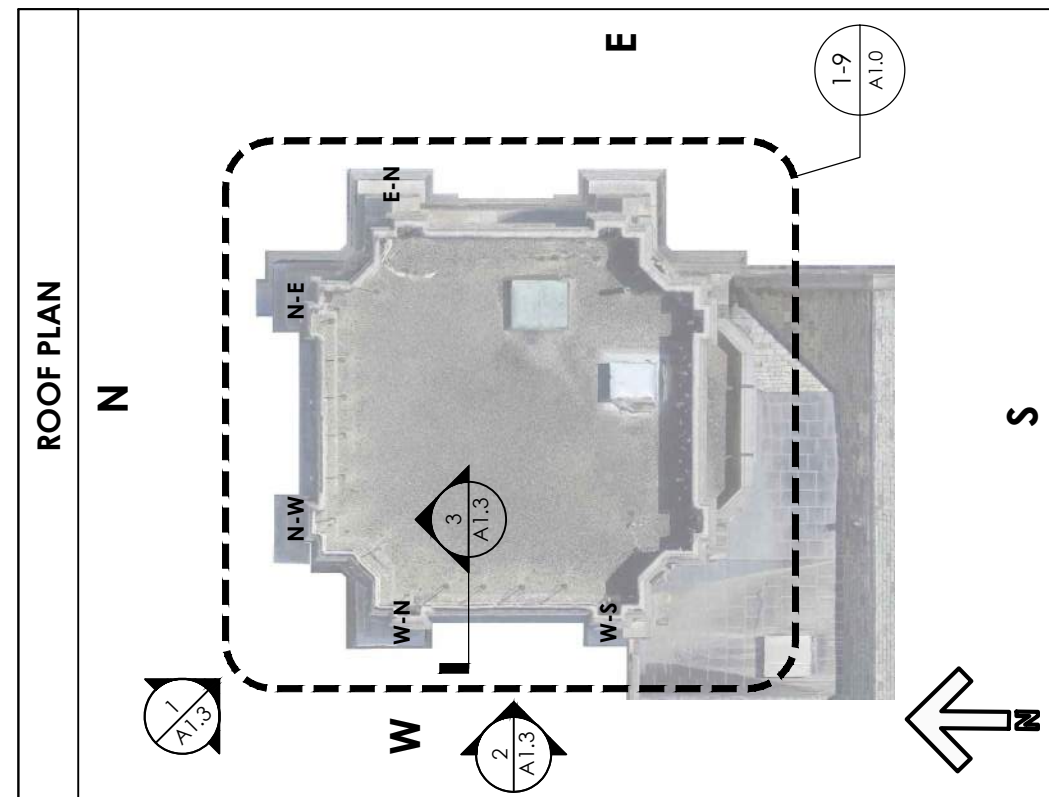
LEGEND

|  |   |
|--|---|
|  | REMOVE & REPLACE SANDSTONE TO 0" LINE     |
|  | REMOVE & REPLACE SANDSTONE TO 18" PLANE * |
|  | REMOVE & REPLACE OUTER WHOLE OF SANDSTONE |
|  | REMOVE AND REINSTALL LIMESTONE            |
|  | DUTCHMAN REPAIR - 5/A1.4                  |
|  | WORK AREA                                 |
|  | FLASHING - 3/A1.4                         |
|  | CRACK REPAIR - 4/A1.4                     |

\* ADDITIONAL DEPTH MAY BE REQUIRED AT CORNERS AS DEPICTED ON ELEVATIONS AND WHERE DAMAGED STONES ARE MORE DEEPLY ENGAGED IN WALL







1 NORTHWEST ELEVATION  
A1.3 Scale: 1/4"=1'-0"

2 WEST ELEVATION  
A1.3 Scale: 1/4"=1'-0"

3  
A1.3



REVISIONS

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|--|

SCALE  
AS NOTED

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COMMISSION NO.  
2315

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DRAWN BY  
DJP

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DATE  
OCTOBER 28, 2025

**MCFADDIN TOWER ELEVATIONS**

**WEST CAMPUS GOTHICS EXTERIOR REPAIRS**  
**MCFADDIN BUTTRISS REPAIR AND LEANING**  
**CHIMNEY REMOVAL**  
CORNELL UNIVERSITY, 117 GOTHICS WAY, ITHACA, NY 14853



**RYAN BIGGS**  
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## **DEFINITIONS**

**JUMPERS** - REFERS TO A STONE WHOSE VERTICAL HEIGHT IS BETWEEN 4" AND 7"

**BARs** - REFERS TO A STONE WHOSE VERTICAL HEIGHT IS BETWEEN 1" AND 4"

**QUARRY BEDDED** - REFERS TO A STONE WHOSE NATURAL BED PLANES ARE ORIENTED HORIZONTALLY WHEN LAID IN A FACADE

**FACE BEDDED** - REFERS TO A STONE WHOSE NATURAL BED PLANES ARE ORIENTED VERTICALLY AND PARALLEL TO THE EXPOSED FACE OF THE STONE.

**SEAM FACE** - THE FINISHED FACE OF A STONE THAT IS A PRODUCT OF NATURE. FACE HAS FORMED IN A VERTICAL FISSURE IN THE QUARRY. SOMETIMES IT EXHIBITS A RANGE OF COLORS FROM MINERALS DEPOSITED ON SURFACE.

**SPLIT FACE** - THE FINISHED FACE OF A STONE THAT IS FORMED BY SPLITTING WITH A GUILLOTINE.

**POINTED FACE** - A RUSTIC FINISH WORKED MANUALLY WITH A POINT CHISEL TO CREATE A STIPPLED SURFACE.

10.1.  
10.2.

ACCEPTED  
(1) JUMPER FOR (2) BARS

NOT COMMON BUT ACCEPTED  
IN LIMITED NUMBERS  
(1) JUMPER FOR (3) BARS

10.3.

NOT ACCEPTED  
(2) JUMPERS WITH (4) BARS W/  
ALIGNED VERTICAL JOINT

NOT ACCEPTED  
(2) JUMPERS WITH (4) BARS W/  
ALIGNED VERTICAL JOINT

1'-6"

EXISTING LIMESTONE SILL - REPOINT JOINTS WITH SEALANT

TURN PANS INTO JOINT AT SIDES - SEE 14/A1.4

REPOINT SKYWARD FACING JOINTS W/ SEALANT

BACKER ROD & SEALANT - 3 SIDES 14/A1.4 SIM.

2" CLEFT AT CENTER OF EACH PAN

4 EQUAL 20 OZ. LCC FLAT SEAM SOLDERED PANS. LAYOUT SEAMS SYMMETRICALLY

FACE OF BUTTRESS BEYOND

SOLDERED TRANSVERSE SEAMS BEYOND

RETURN FLASHING AT FACE SEE 14/A1.4

SS BAR, CONTINUOUS - ANCHOR INTO MORTAR JOINTS

3/4" LOCK

45DEG DRIP

REPOINT VERTICAL JOINTS WITH SEALANT

EXISTING LIMESTONE SHELVE TO REMAIN

EXISTING OR REPLACED SANDSTONE. SEE ELEVATIONS FOR REPOINTING

1 1/2"

BACK BEND ON FLASHING TO CREATE DAM

3"

1"

GROUT TO MATCH ADJACENT SURFACE

STAINLESS STEEL PINS

EXISTING STONE, REMOVE, REPAIR AND REINSTALL

SIZE AND LOCATION OF CRACK VARIES

REPAIR ADHESIVE

SS PINS (2 PER STONE)

EXISTING LIMESTONE TRIM, REMOVE AND REINSTALL. REPAIR IF REQ'D SEE ELEVATIONS

EMBEDDED FLASHING - FLEXIBLE, CUT FLUSH AT FACE OF BUILDING

DRILL STONE TO ACCEPT PINS

REPLACED SANDSTONE BUTTRESS

LINE OF EXISTING MASONRY SURFACE  
PROTECT FORM DAMAGE

DUTCHMAN DIMENSION VARIES W/  
DAMAGE. CONTRACTOR TO FIELD  
VERIFY SIZES REQUIRED

4" ±

CAREFULLY CUT AND REMOVE  
DAMAGED AREA OF STONE. TAKE ALL  
NECESSARY PRECAUTIONS AS TO NOT  
OVERCUT OR DAMAGE EXISTING  
ADJACENT SURFACES

DUTCHMAN SURFACE TEXTURE &  
COLOR TO MATCH EXISTING  
ADJACENT STONE

± 1/2"

STAINLESS STEEL THREADED  
PIN. SET IN EPOXY

SET IN INJECTION GROUT

SEE DETAIL AT FLOOR 4, 5 AND 6 FOR FURTHER NOTES

FACE OF NORTH TOWER

1'-8"

HELICAL ANCHORS @ 18" oc MAX VERT 2 PER COURSE

6  
A1.4

PLAN DTL. ATTIC LEVEL

SCALE: 1"=1'-0"

SEE DETAIL AT FLOOR 4, 5 AND 6 FOR TYPICAL NOTES

FACE OF NORTH TOWER

1'-6"

1'-8"

HELICAL ANCHORS @ 1'-0" OC MAX VERT 2 PER COURSE

1'-4" MAX 3" MIN

REMOVE AND REBUILD AREAS SHOWN ON ELEVATIONS WITH NEW STONE

FACE OF BACK-UP STONE AFTER REMOVALS - ALL LOOSE MATERIAL REMOVED AND ALL VOIDS PACKED SOLID WITH MORTAR. REPAIR BACKUP SEE SPECIFICATIONS

ENGAGED HEADERS TO REMAIN IF STONE IS SOLID WITH NO CRACKING OR CRAZING

HELICAL ANCHORS @ 16" O.C MAX VERT

CUT STONES TO FIT VOIDS

FACE OF NORTH TOWER

3" MIN (TYP)

1'-0"

HELICAL ANCHORS @ 16" O.C.  
- DRILL INTO BACK UP AND BUILD STONE AROUND - SET SOLID IN MORTAR

FACE AT 6TH FLR

INFILL ALL GAPS SOLID WITH MORTAR

3" MIN (TYP)

REMOVALS VARIES

DEPTH OF REMOVALS AT EACH COURSE VARIES UP TO 2 FEET - SEE ELEVATIONS. DO NOT UNDERMINE STONE ABOVE. PROVIDE SHORING WHERE STONE ABOVE REQUIRES SUPPORT

ALL NOTES SHOWN ARE TYPICAL FOR ENTIRE HEIGHT OF BUTTRESS  
NUMBER OF STONES PER COURSE, STONE SIZES AND JOINTS ARE APPROXIMATE. EVERY COURSE VARIES. SEE TABLE OF STONE DIMENSIONS FOR MINIMUM AND MAXIMUM SIZES

5'-0"

1'-6 1/2"

ALTERNATE DIAGONAL PINS AT CORNERS

HELICAL PINS

REMOVE AND REPLACE DAMAGED CORNER STONES AT BUTTRESS - SEE ELEVATIONS FOR EXTENT

3" EMBEDMENT INTO STONE BACKUP (TYP)

3" MIN (TYP)

FACE OF NORTH TOWER

SEE DETAIL AT FLOOR 4, 5 AND 6 FOR TYPICAL NOTES

The drawings illustrate the construction details for the buttress, showing three elevations: Outside Elevation, Front Face of Buttress, and Inside Elevation.

**Outside Elevation:** Shows the exterior profile of the buttress. Key features include:
 

- DEPTH OF REPLACED STONE VARIES - SEE ELEVATIONS
- EXISTING STONE TO REMAIN IN SOME AREAS - SEE ELEVATIONS
- HELICAL ANCHORS AT MIN. 16" O.C. VERTICAL AND HORIZONTAL
- "BARS" TYPICALLY IN BUTTRESS FIELD BETWEEN CORNERS
- 3" MIN
- STAGGER ANCHORS EVERY OTHER ROW
- "JUMPERS" TYPICALLY AT CORNERS

**Front Face of Buttress:** Shows the main face of the buttress. Key features include:
 

- 4'-0"±
- TYPICAL ELEVATION OF REPLACED BUTTRESS STONE - WIDTH VARIES AS BUTTRESS RISES
- 16" MAX
- 16" MAX
- "HEADER" CORNER STONES WITH POINTED SURFACE ON ONE FACE ALTERNATE FACE EVERY COURSE (CORNER STONES ARE TYPICALLY "JUMPERS")
- "SCORED" JOINTS - LEVEL HORIZONTAL AT TOP BED OF STONES AND VERTICAL AND DIAGONAL HEAD JOINTS AT LEFT EDGE OF STONES - SEE 12/A1.4

**Inside Elevation:** Shows the interior profile of the buttress. Key features include:
 

- 1'-0"±
- FACE OF NORTH FACADE B/W BUTTRESSES

[illegible]

ALIGN EDGE OF FLASHING WITH EDGE OF LIMESTONE


TURN FLASHING INTO JOINT - SEE DETAIL 14/A1.4

COUNTERFLASHING AT RETURN

TOP OF SLOPED SILL WITH FLASHING BEYOND

14/A1.4

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**CLARK DAVIS**  
ENGINEERING & SURVEYING

CONSULTANTS

**STONE & FLASHING DETAILS**

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**WEST CAMPUS GOTHICS EXTERIOR REPAIRS**  
**MCFADDIN BUTRESS REPAIR AND LEANING**  
**CHIMNEY REMOVAL**

CORNELL UNIVERSITY, 117 GOTHICS WAY, ITHACA, NY 14853



## REVISIONS

SCALE  
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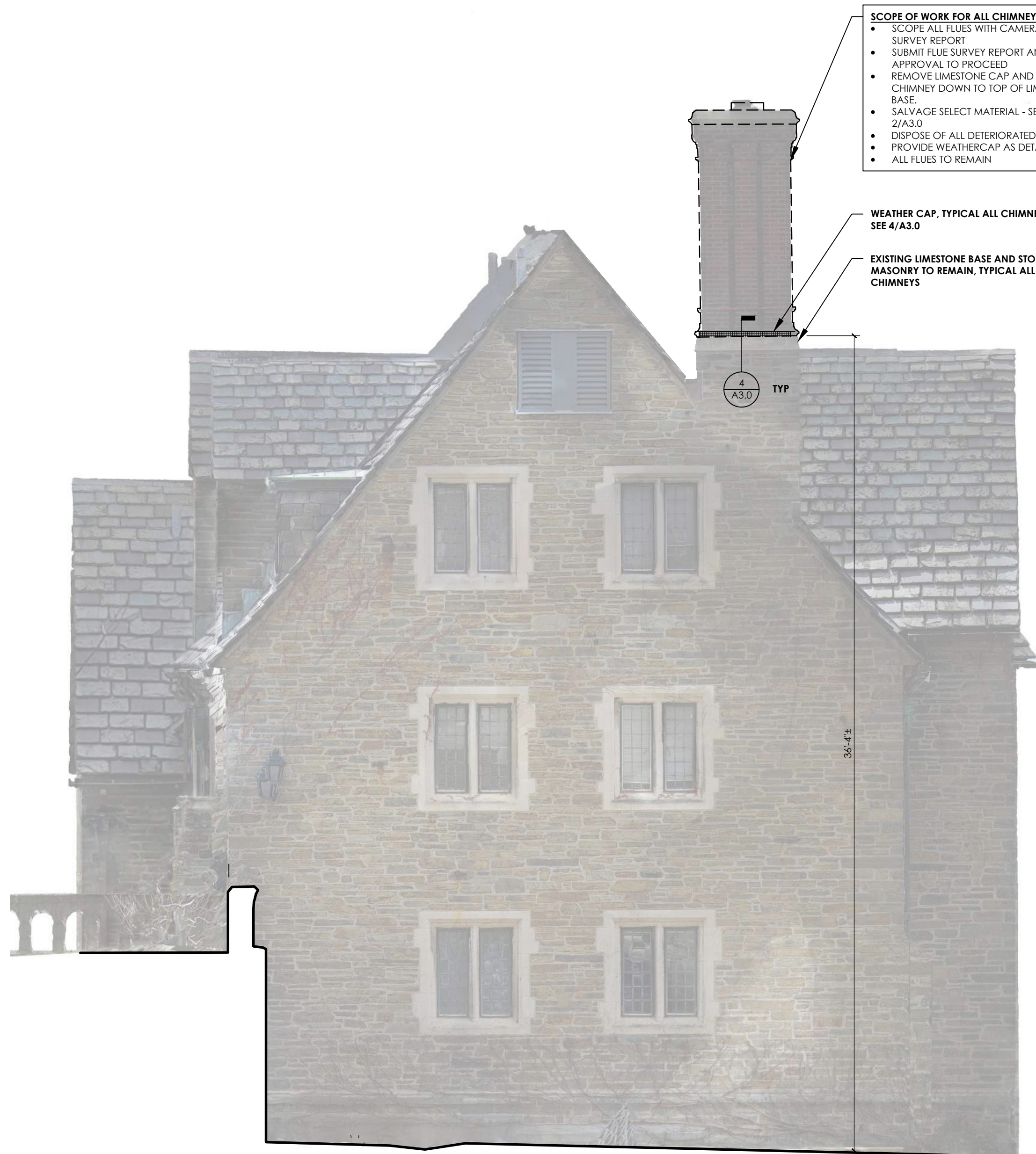
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DATE  
OCTOBER 28, 2025

A1.4

DRAWING NO.





1 NORTH BAKER HALL - NORTH ELEVATION  
Scale: 1/4"=1'-0"

- SCOPE OF WORK FOR ALL CHIMNEYS DEPICTED:**
- SCOPE ALL FLUES WITH CAMERA FOR FLUE SURVEY REPORT
  - SUBMIT FLUE SURVEY REPORT AND OBTAIN APPROVAL TO PROCEED
  - REMOVE LIMESTONE CAP AND BRICK CHIMNEY DOWN TO TOP OF LIMESTONE BASE
  - SALVAGE SELECT MATERIAL - SEE NOTE ON 2/A3.0
  - DISPOSE OF ALL DETERIORATED MATERIALS
  - PROVIDE WEATHERCAP AS DETAILED
  - ALL FLUES TO REMAIN

WEATHER CAP, TYPICAL ALL CHIMNEYS - SEE 4/A3.0

EXISTING LIMESTONE BASE AND STONE MASONRY TO REMAIN, TYPICAL ALL CHIMNEYS

SALVAGE UNIQUE MOULDED BRICKS, SELECT BRICKS FOR COLOR SAMPLE, CATALOG AND SINGLE LIMESTONE CAP IN BEST CONDITION, PALLETIZE, WRAP AND DELIVER TO OWNER, TYPICAL ALL CHIMNEYS, LABEL PALLETS WITH BUILDING NAME AND CHIMNEY LOCATION.

REPOINT JOINTS IN LIMESTONE BASE TO REMAIN, TYPICAL ALL CHIMNEYS

REPOINT ALL FLASHING JOINTS BETWEEN CHIMNEY AND ROOF W/ SEALANT, TYPICAL ALL CHIMNEYS.

2 CHIMNEY ELEVATIONS  
Scale: 1/4"=1'-0"

NOTE: DETAIL SHOWN IS FOR CHIMNEYS DISCOVERED TO HAVE BATHROOM EXHAUST FANS CONNECTED. CHIMNEYS WITH UNUSED FLUES OR ONLY PLUMBING VENTS MAY USE A 1" HIGH CAP WITH POLYMER ROOF VENT IN LIEU OF BIRD SCREEN AND EXPANDED METAL. AFTER CONTRACTOR SUBMITS FLUE SURVEY REPORT, ARCHITECT WILL ISSUE CONFIRMATION OF CAP DETAILS. FOR PURPOSES OF BIDDING ASSUME ALL CHIMNEYS REQUIRE DETAIL SHOWN, THERE SHALL BE NO ADDITIONAL COSTS FOR REDUCING HEIGHT OF CAP OR ADDING POLYMER ROOF VENT

1/2" THICK ALUMINUM PLATE CONSTRUCT IN TWO PIECES WHERE REQUIRED WITH TIGHT FITTING JOINT BETWEEN PIECES

VERIFY HEIGHTS WITH ARCHITECT AFTER CAMERA FLUE SURVEY

REVIEW WIDTH AND CONDITION OF MASONRY IN FIELD PRIOR TO FABRICATING CHIMNEY CAP

BIRD SCREENING, CONTINUOUS MCNICHOLS STAINLESS STEEL 3/4" NO. 16 EXPANDED METAL MESH (79% OPEN AREA), BEND AROUND AND ATTACH TO MOUNTING POSTS WITH SS WIRE. PAINT EXPANDED MESH - COLOR TO BE DETERMINED

1/2" SS SLEEVE SPACER AT EACH ANCHOR

SEAL AROUND PENETRATION

MORTAR WASH - SLOPE TO DRAIN

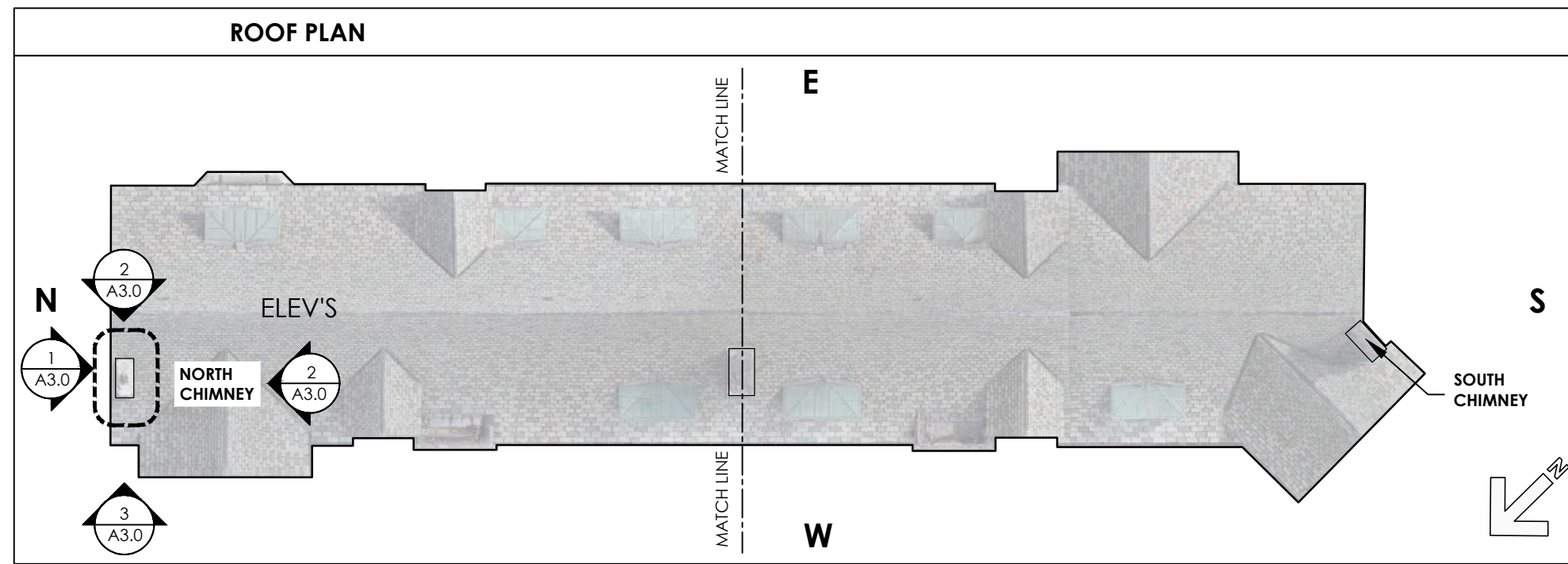
1/4" DIA. SS THREADED RODS W/ACORN NUT AND SS WASHER SET IN SILICONE ON TOP, SET IN MASONRY, CAREFULLY MICRO-CORE STONE FOR THREADED ROD. LOCATE AT ALL 4 CORNERS AND AT MID-POINT OF LONG SPAN, PROVIDE ADDITIONAL SUPPORTS UNDER PLATES MADE UP OF MULTIPLE PIECES - DO NOT DRILL HOLES CLOSER THAN 6" APART

SET RODS IN EPOXY

EXISTING LIMESTONE BASE - REPOINT ALL JOINTS

EXISTING STONE MASONRY

4 CHIMNEY WEATHER CAP  
Scale: 3"=1'-0"



3 NORTH BAKER HALL - WEST ELEVATION  
Scale: 1/4"=1'-0"

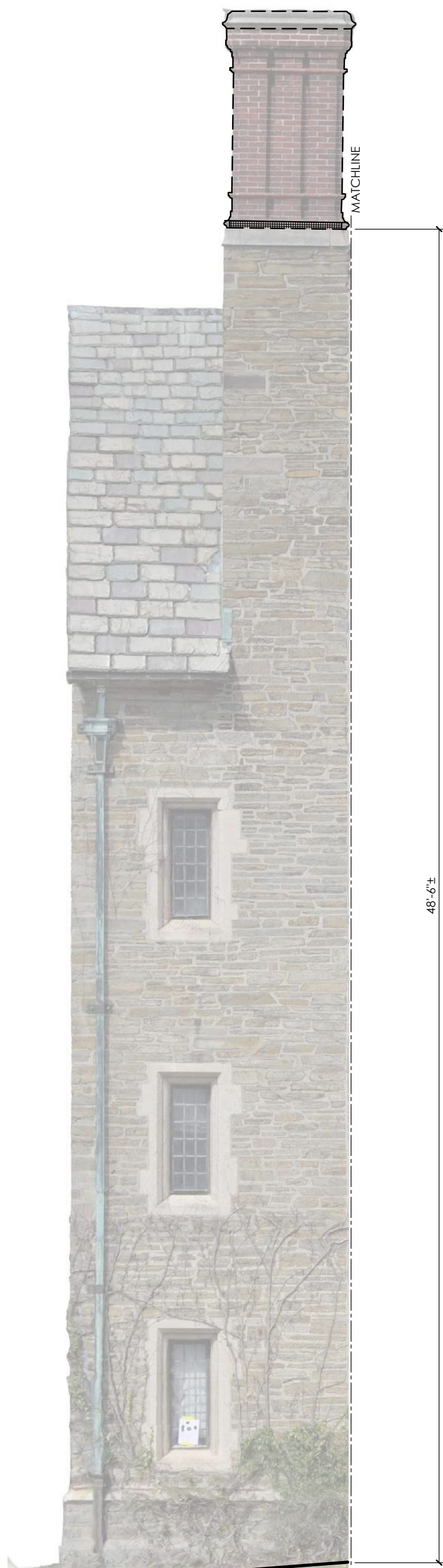




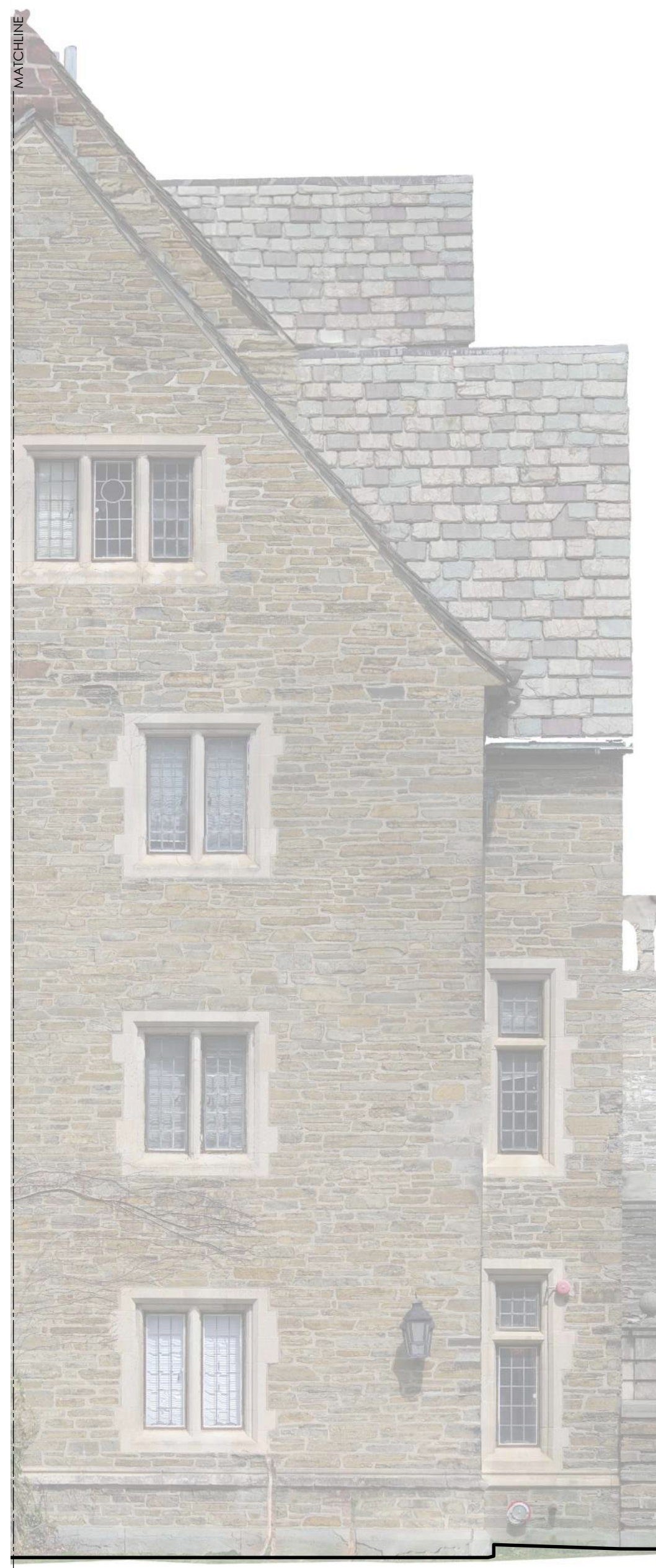
1 NORTH ELEV  
A3.1 Scale: 1/4"=1'-0"



2 WEST ELEV  
A3.1 Scale: 1/4"=1'-0"

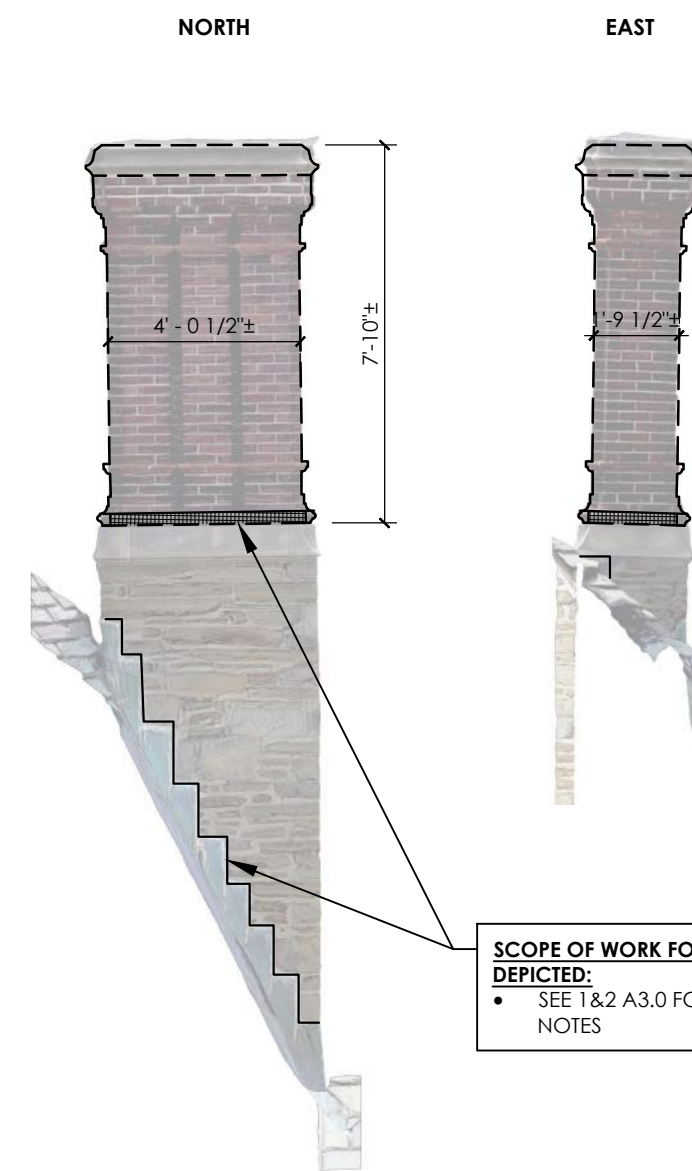


3 SOUTH ELEV  
A3.1 Scale: 1/4"=1'-0"



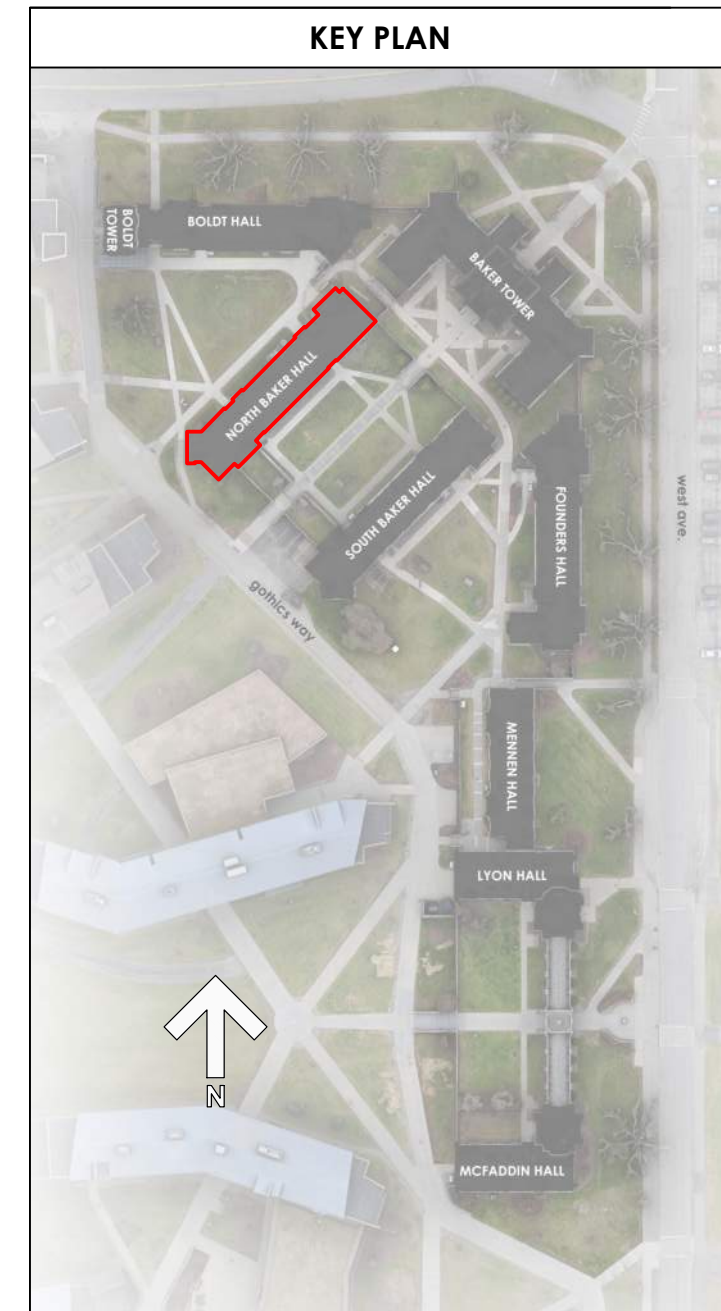
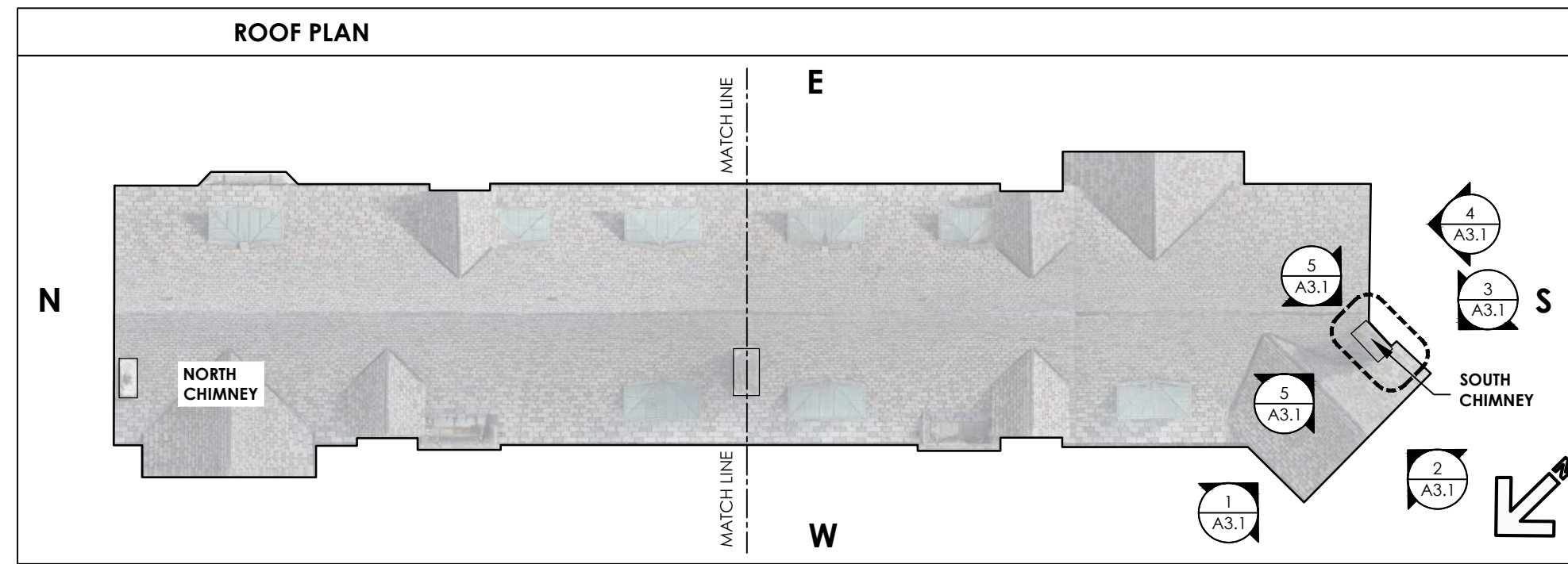
4 SOUTHWEST ELEV  
A3.1 Scale: 1/4"=1'-0"

SCOPE OF WORK FOR ALL CHIMNEYS DEPICTED:  
• SEE 1&2 A3.0 FOR TYPICAL NOTES



5 CHIMNEY ELEVATIONS  
A3.1 Scale: 1/4"=1'-0"

SCOPE OF WORK FOR ALL CHIMNEYS DEPICTED:  
• SEE 1&2 A3.0 FOR TYPICAL NOTES



NORTH BAKER HALL SOUTH CHIMNEY

WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
MCFADDIN BUTRESS REPAIR AND LEANING  
CHIMNEY REMOVAL  
CORNELL UNIVERSITY, 117 GOTHICS WAY, ITHACA, NY 14853



REVISIONS

SCALE

AS NOTED

COMMISSION NO.  
2315

DRAWN BY  
DJP

DATE  
OCTOBER 28, 2025

A3.1

DRAWING NO.

MCWB ARCHITECTS

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402 W DUKE OF GLOUCESTER STREET, WILLIAMSBURG, VA 23185  
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CONSULTANTS

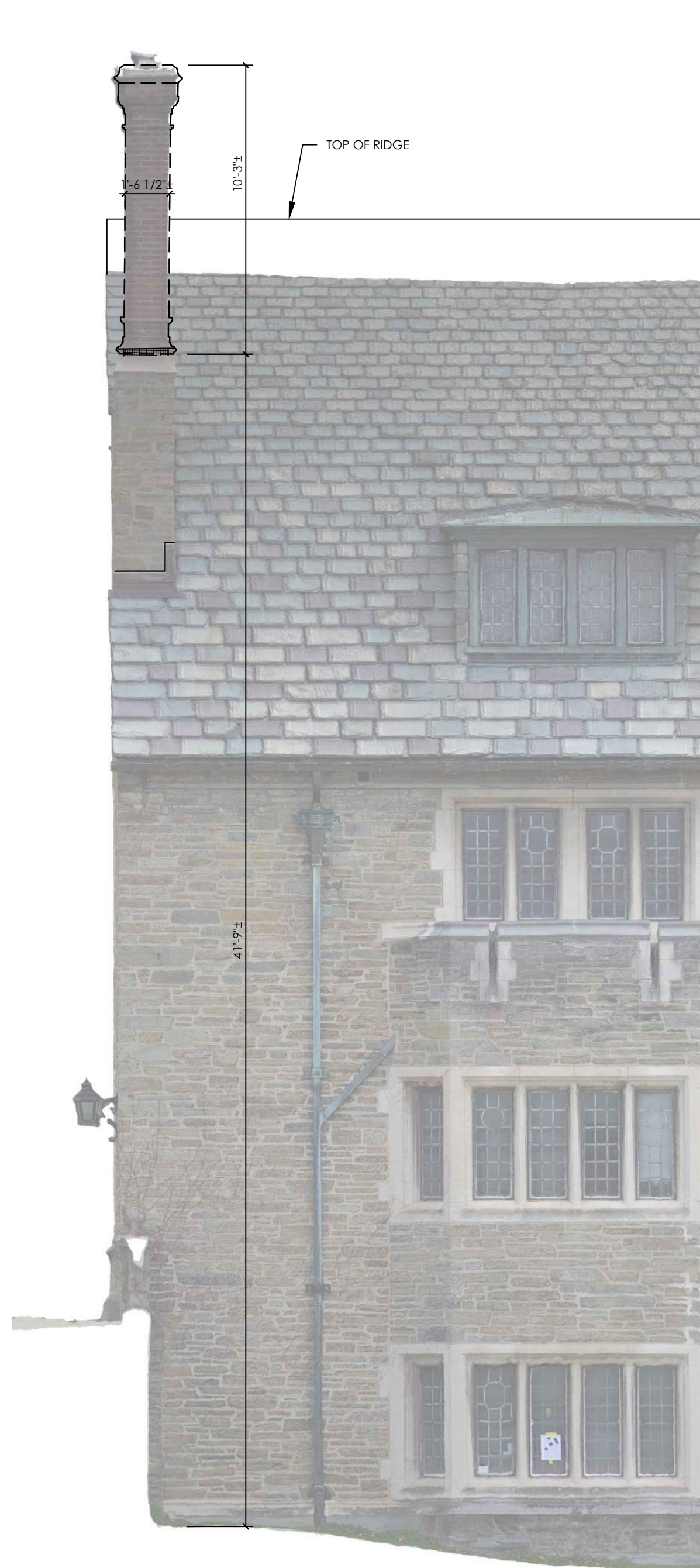
RYAN BIGGS  
CLARK DAVIS  
ENGINEERING & SURVEYING



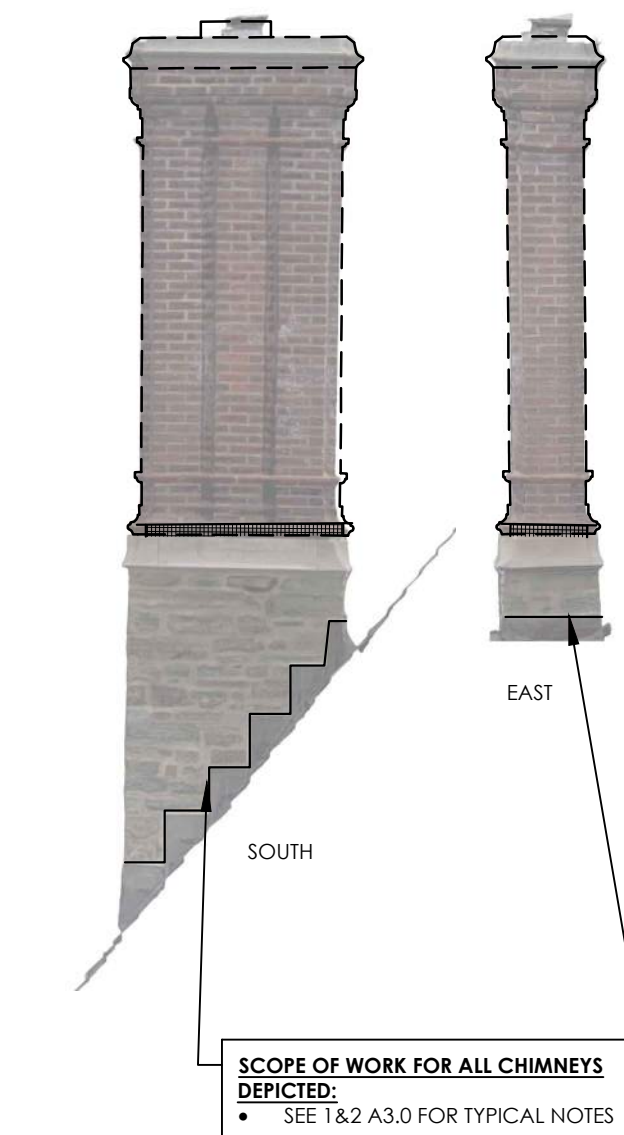
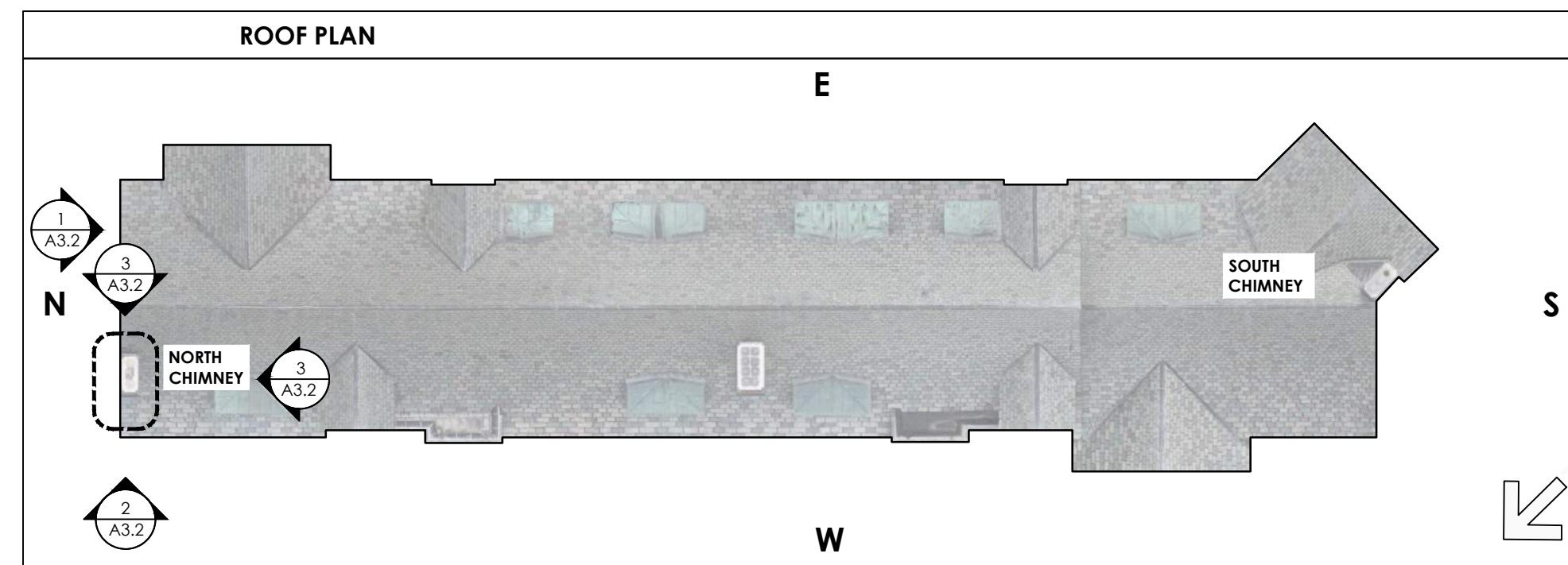




1 SOUTH BAKER HALL - NORTH ELEVATION  
A3.2 Scale: 1/4"=1'-0"



2 SOUTH BAKER HALL - WEST ELEVATION  
A3.2 Scale: 1/4"=1'-0"



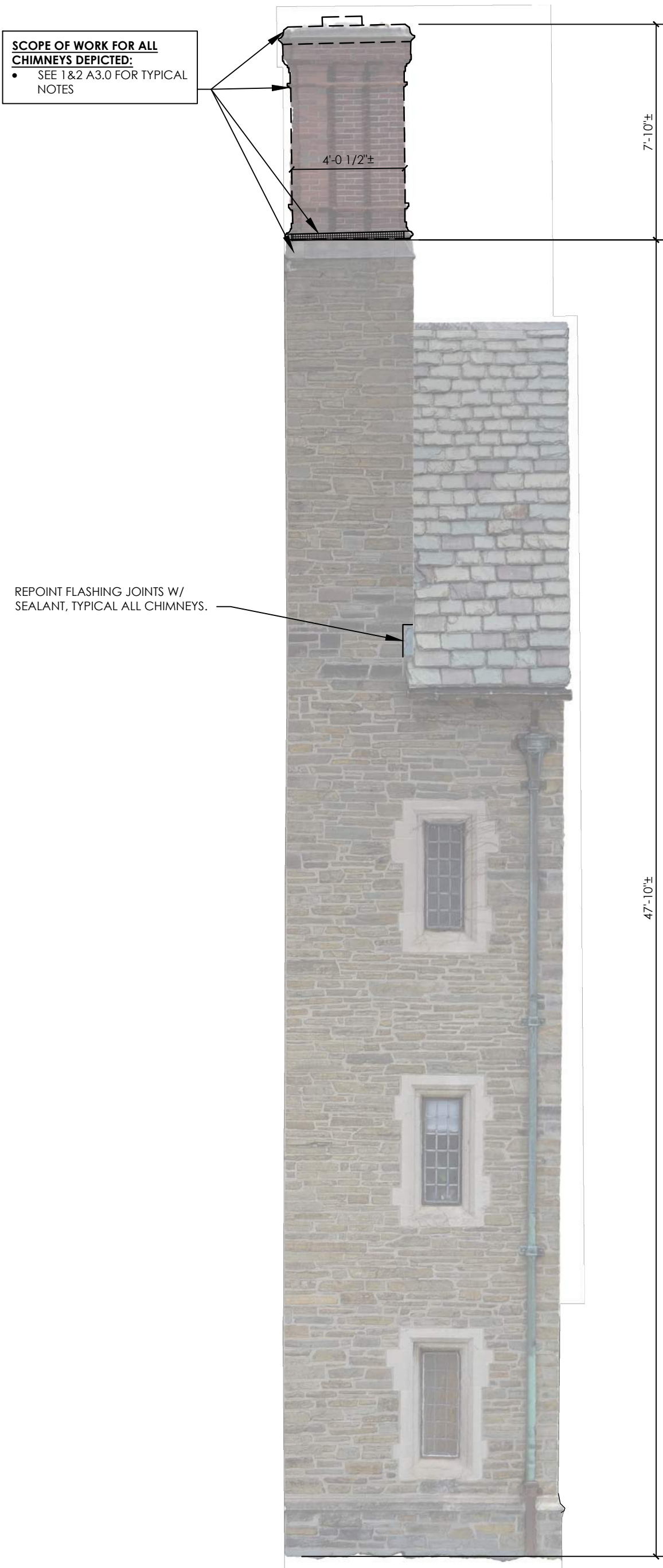
3 CHIMNEY ELEVATIONS  
A3.2 Scale: 1/4"=1'-0"



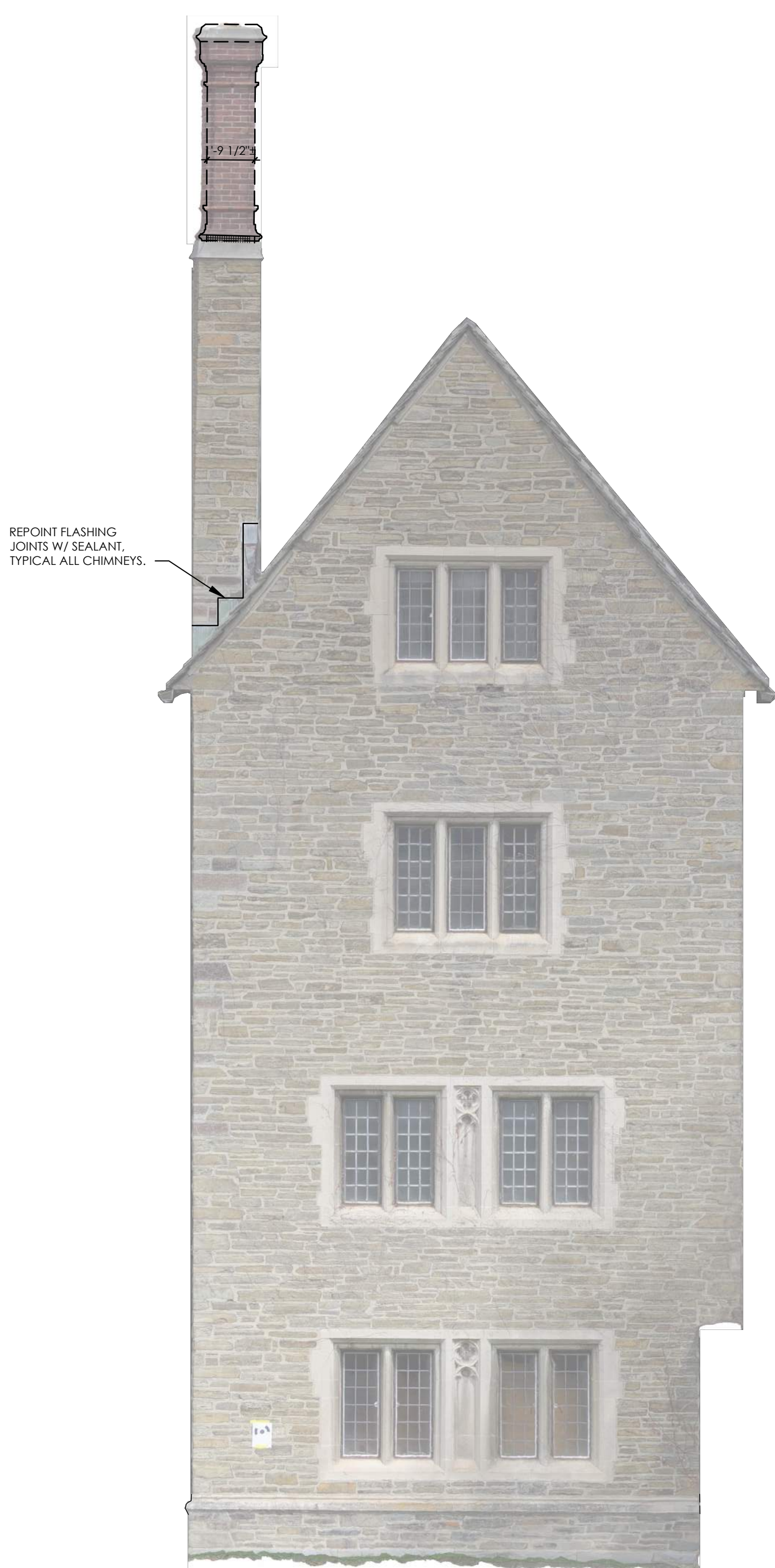




1 SOUTH BAKER HALL - SOUTH ELEVATION  
Scale: 1/4"=1'-0"



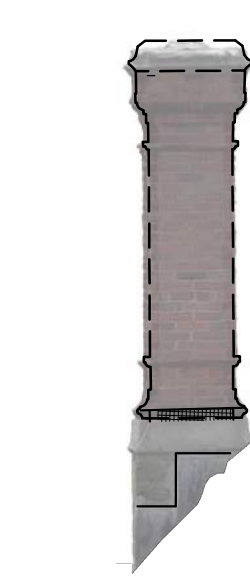
2 SOUTH BAKER HALL - WEST ELEV  
Scale: 1/4"=1'-0"



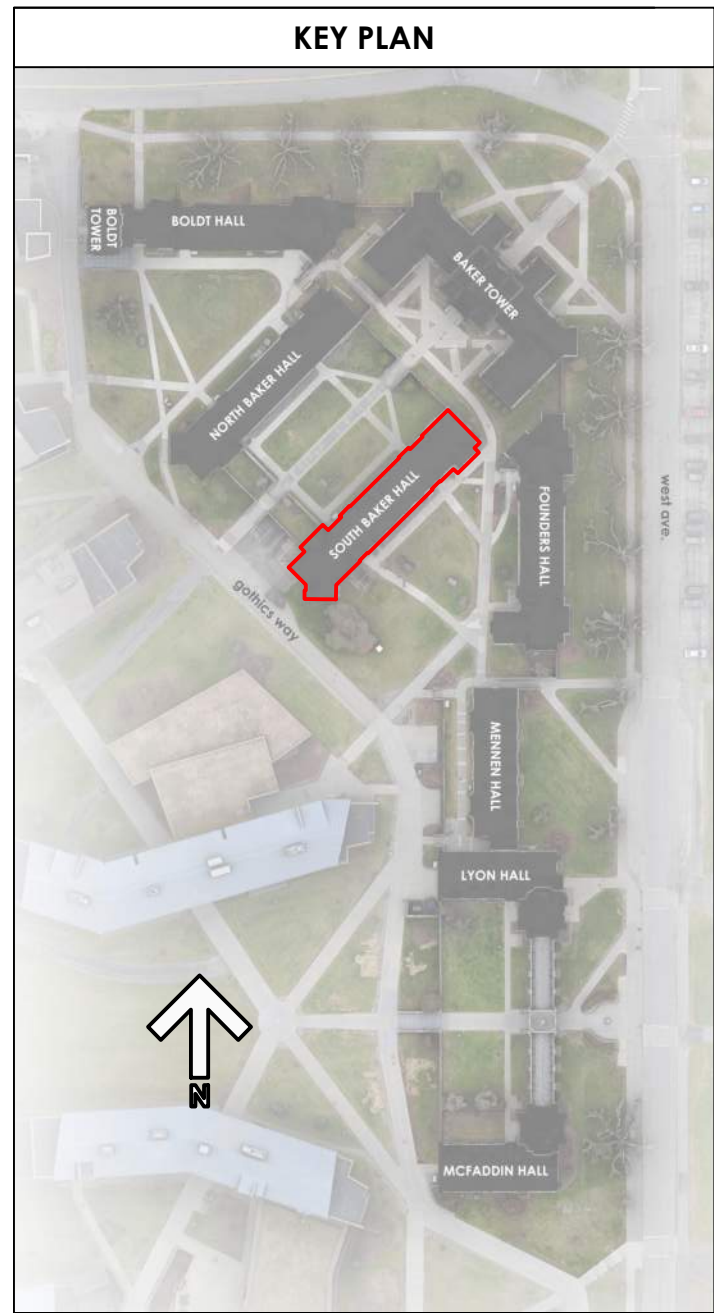
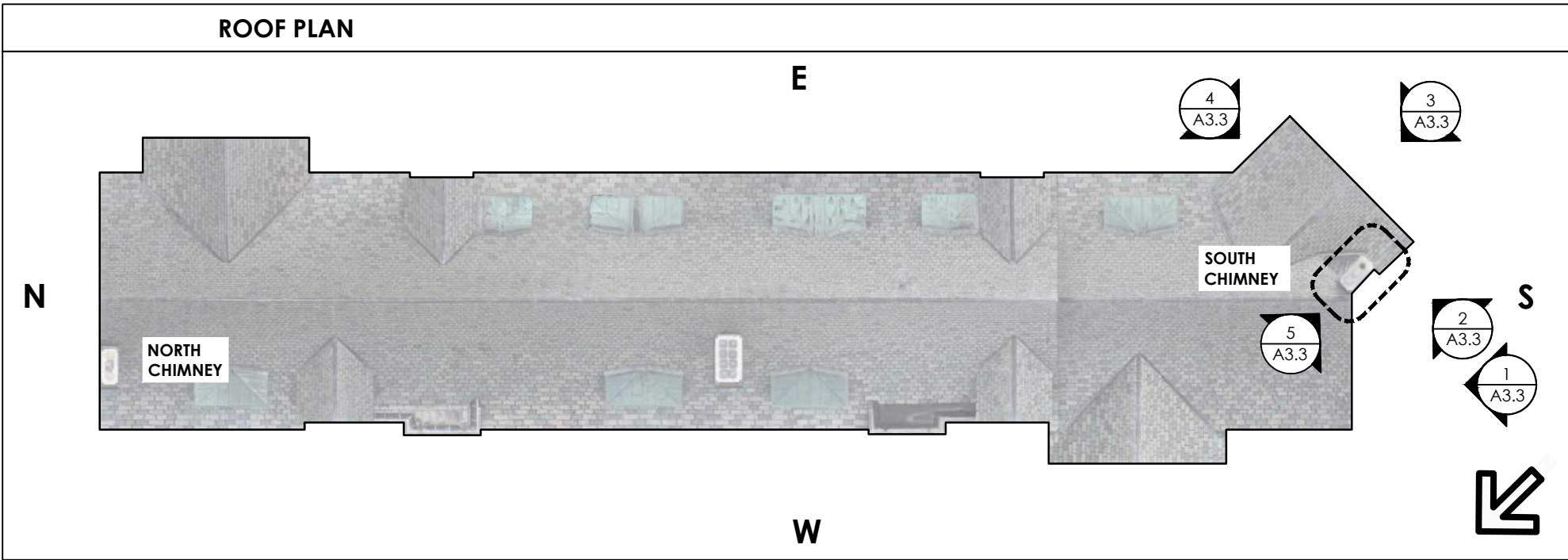
3 SOUTH BAKER HALL - NORTH ELEV  
Scale: 1/4"=1'-0"



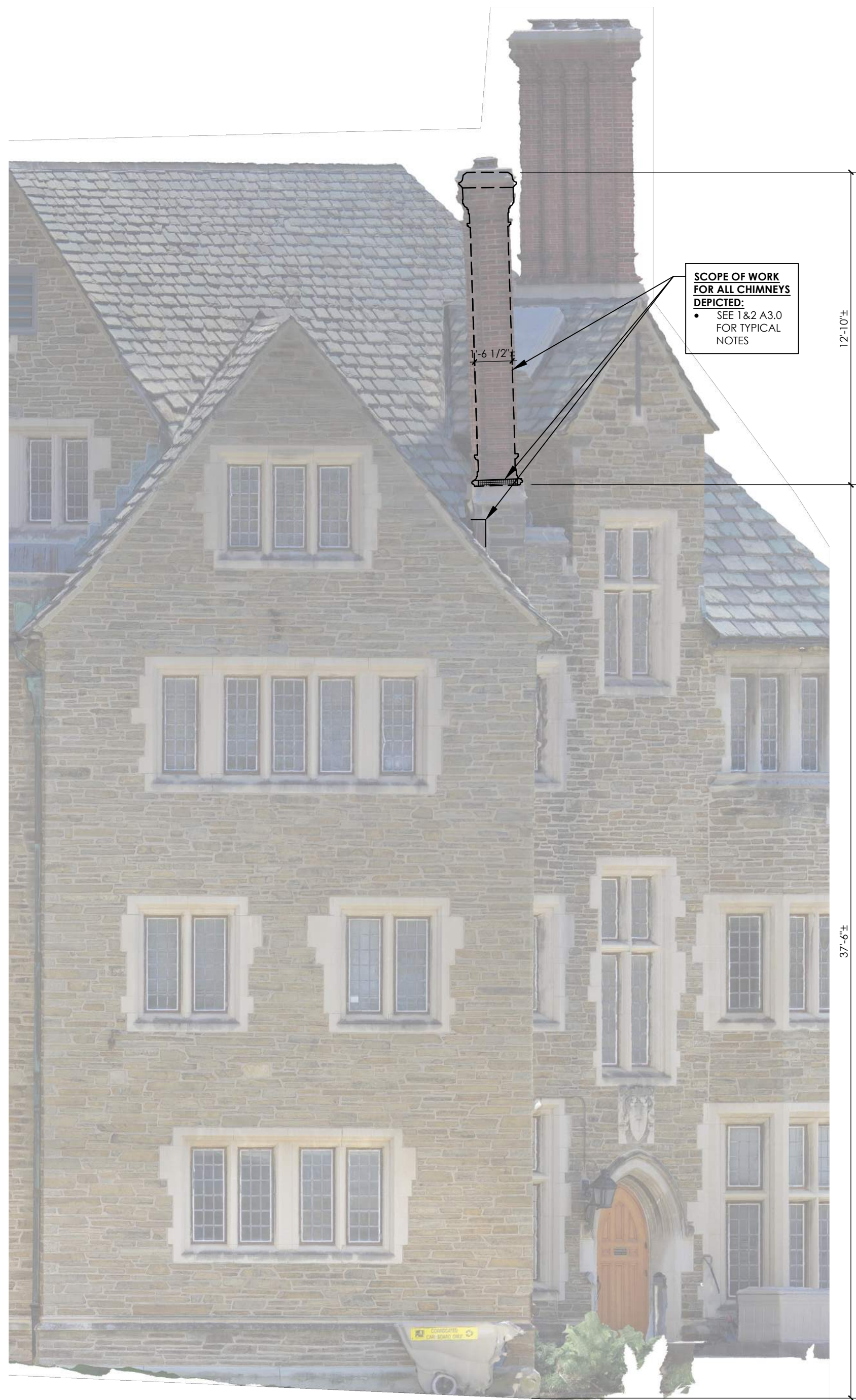
4 SOUTH BAKER HALL - EAST ELEV  
Scale: 1/4"=1'-0"



5 CHIMNEY ELEV  
Scale: 1/4"=1'-0"







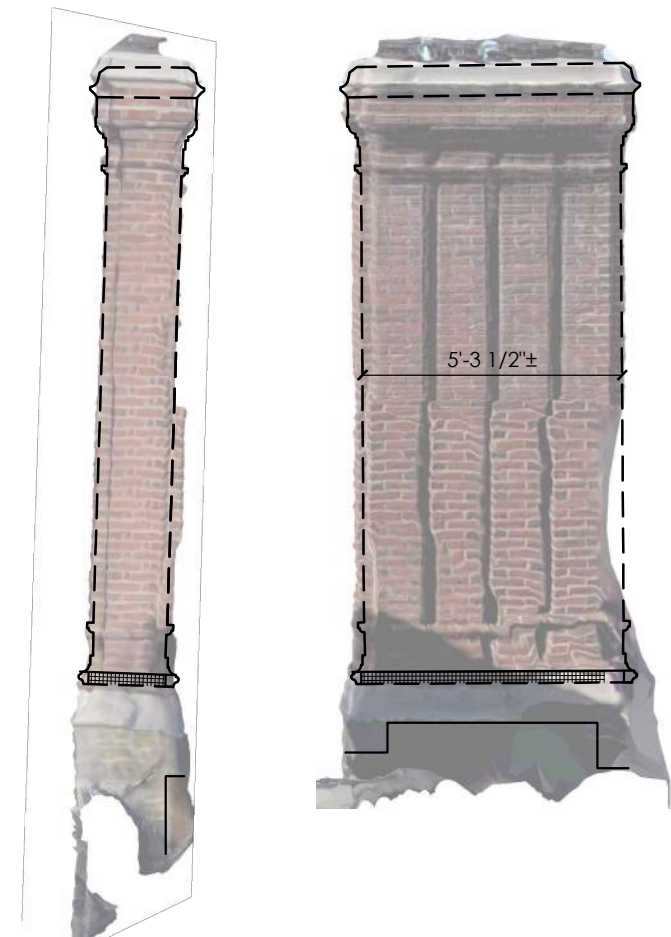
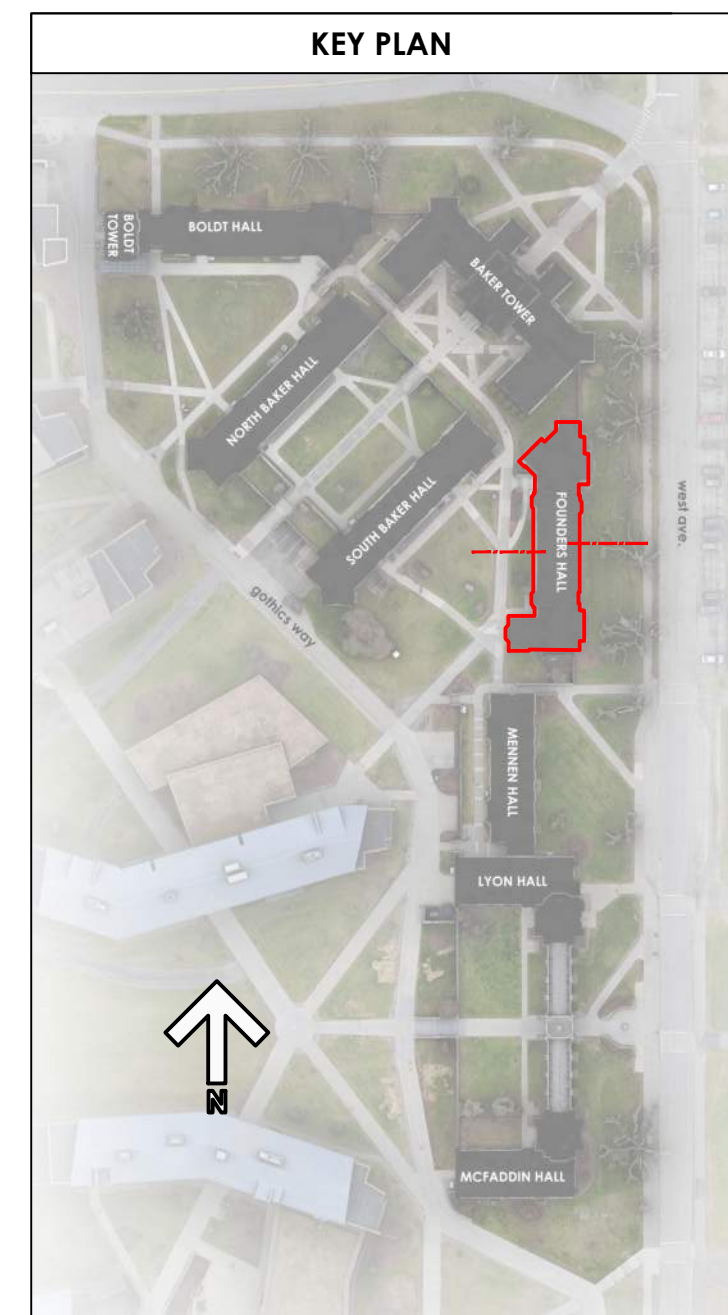
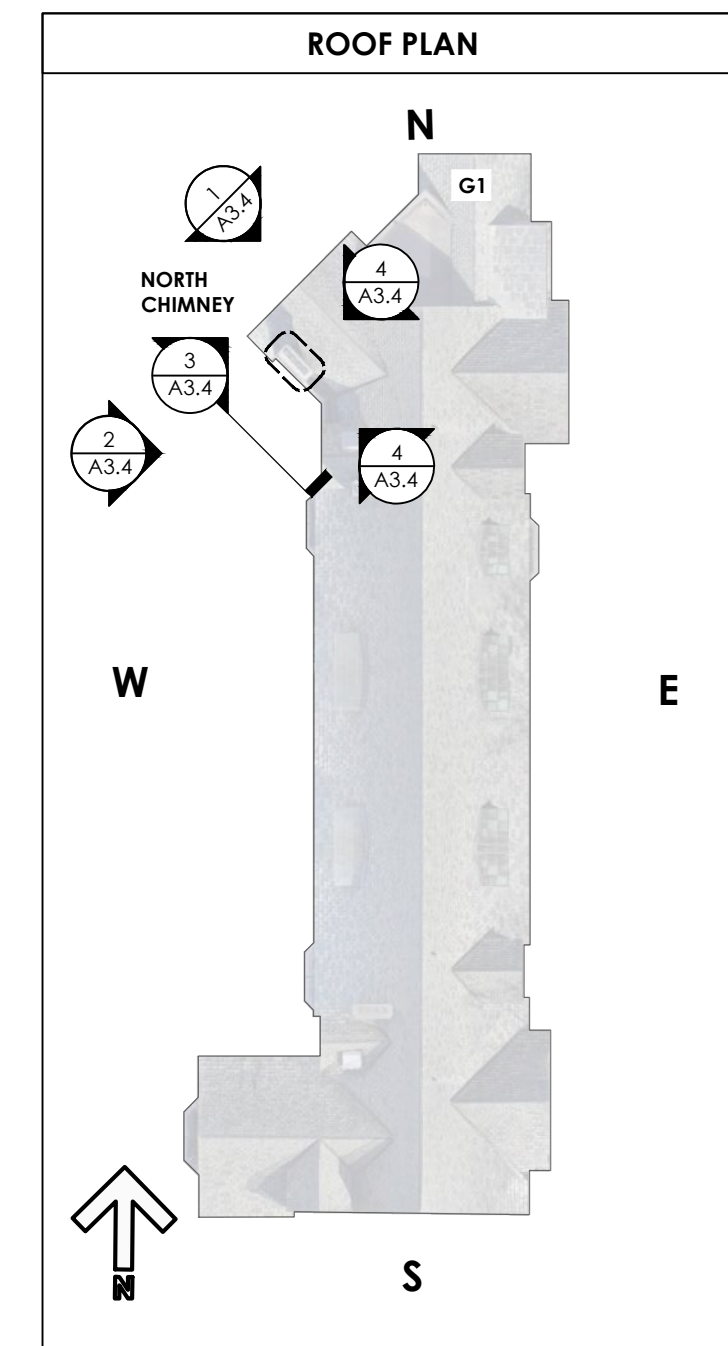
1 FOUNDERS HALL - NORTHWEST ELEVATION  
A3.4 Scale: 1/4"=1'-0"



2 FOUNDERS HALL - WEST ELEVATION  
A3.4 Scale: 1/4"=1'-0"

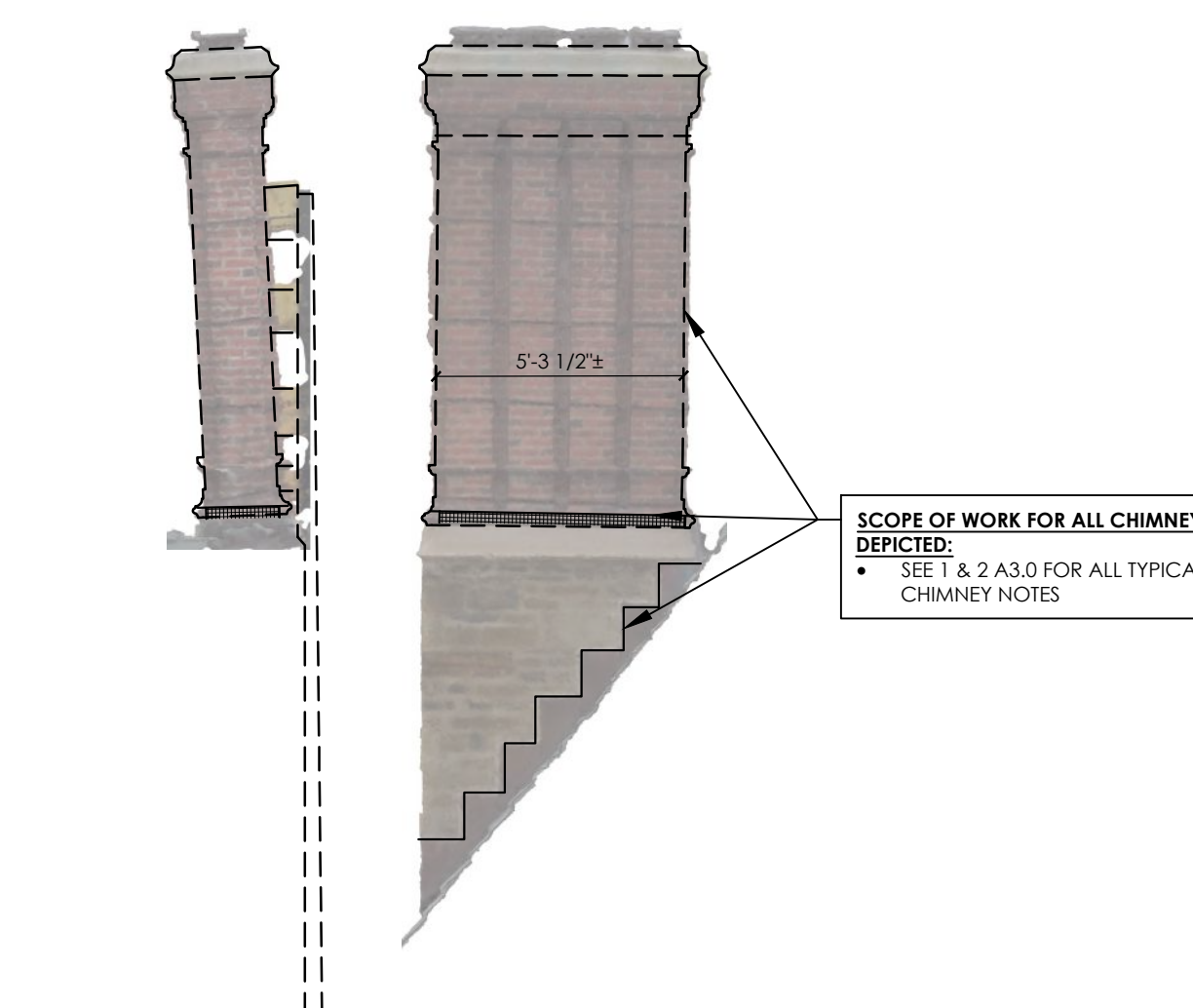
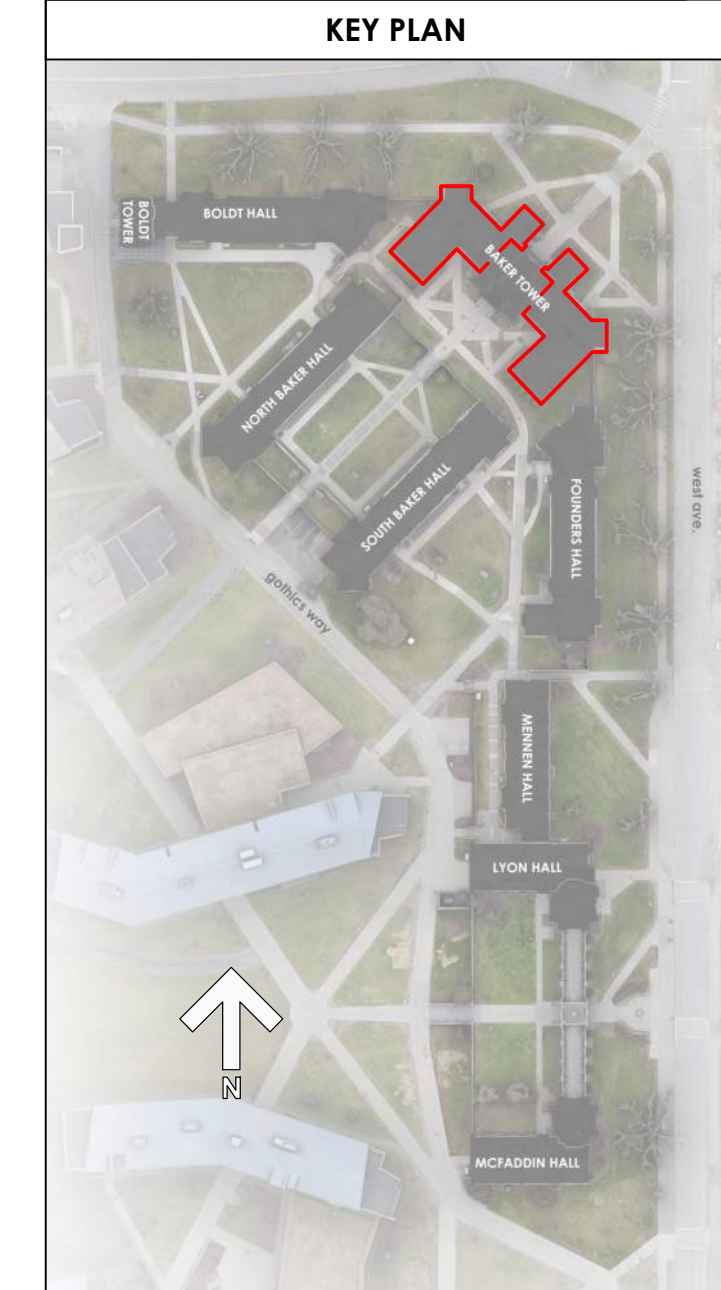
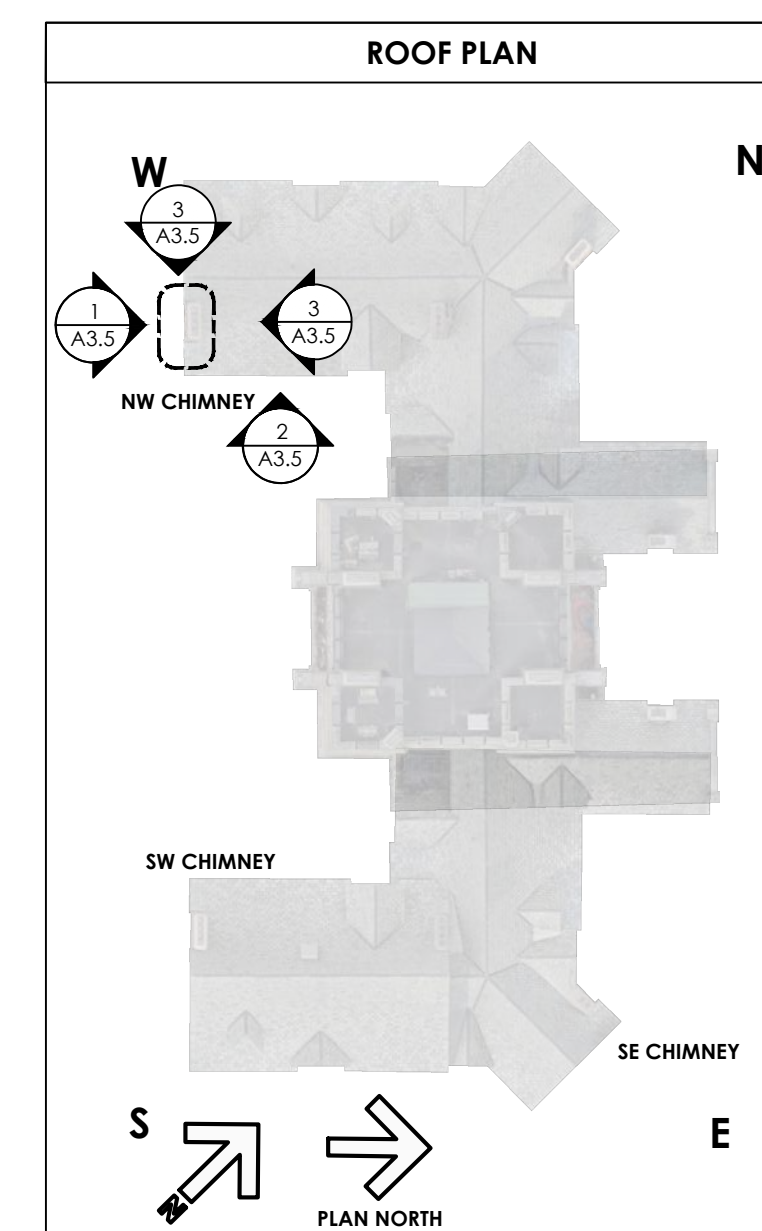


3 FOUNDERS HALL - SOUTHWEST ELEVATION  
A3.4 Scale: 1/4"=1'-0"



4 CHIMNEY ELEVATIONS  
A3.4 Scale: 1/4"=1'-0"





**SCOPE OF WORK FOR ALL CHIMNEYS  
DEPICTED:**

- SEE 1 & 2 A3.0 FOR ALL TYPICAL CHIMNEY NOTES

— WEATHER CAP, TYPICAL ALL CHIMNEYS  
SEE 4/A3.0

— EXISTING LIMESTONE BASE AND STONE MASONRY TO REMAIN, TYPICAL ALL CHIMNEYS

**REMOVE ALL BRACING  
COMPONENTS, BRACKETS  
AND ANCHORS, PATCH  
ANCHOR POINTS WITH TYPE N  
MORTAR** \_\_\_\_\_

**SCOPE OF WORK FOR ALL CHIMNEYS DEPICTED:**

- SEE 1 & 2 A3.0 FOR ALL TYPICAL CHIMNEY NOTES

BAKER TOWER SOUTH ANNEX CHIMNEY

WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
MCFADDIN BUTTRESS REPAIR AND LEANING  
CHIMNEY REMOVAL  
CORNELL UNIVERSITY, 117 GOTHICS WAY, ITHACA, NY 14853



## REVISIONS

SCALE  
AS NOTED

COMMISSION NO.  
2315

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DATE  
OCTOBER 28, 2025

### A3.5

DRAWING NO.

**MCWB** | ARCHITECTS ■

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CONSULTANTS

**RYAN BIGGS**  
**CLARK DAVIS**  
ENGINEERING & SURVEYING



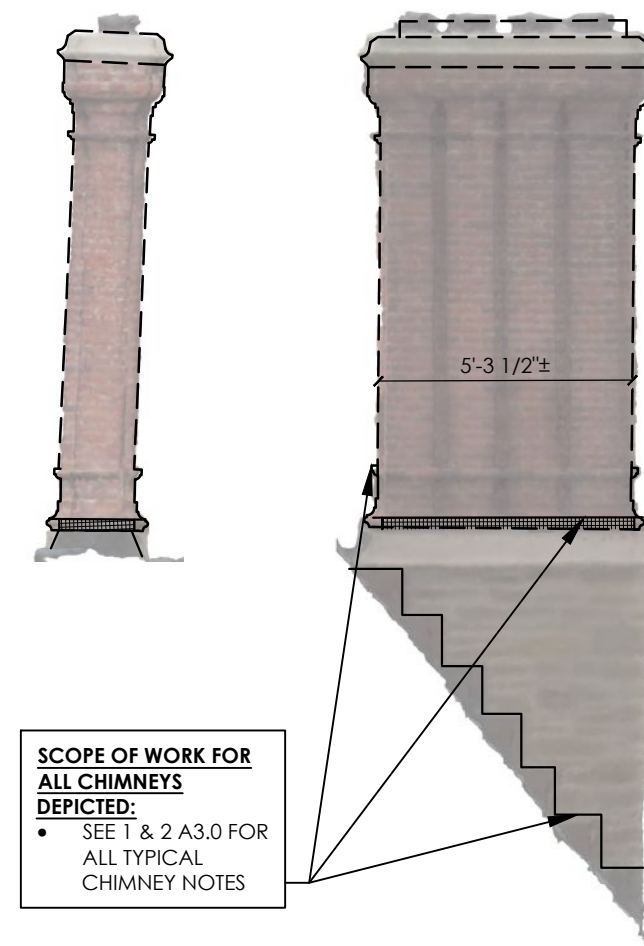




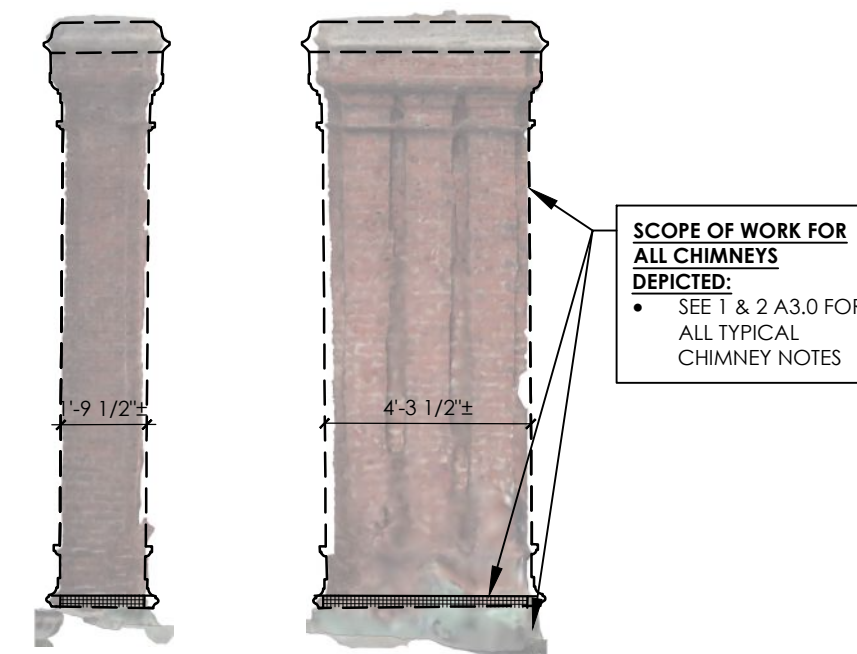
1 NORTHWEST ELEVATION  
A3.6 Scale: 1/4"=1'-0"



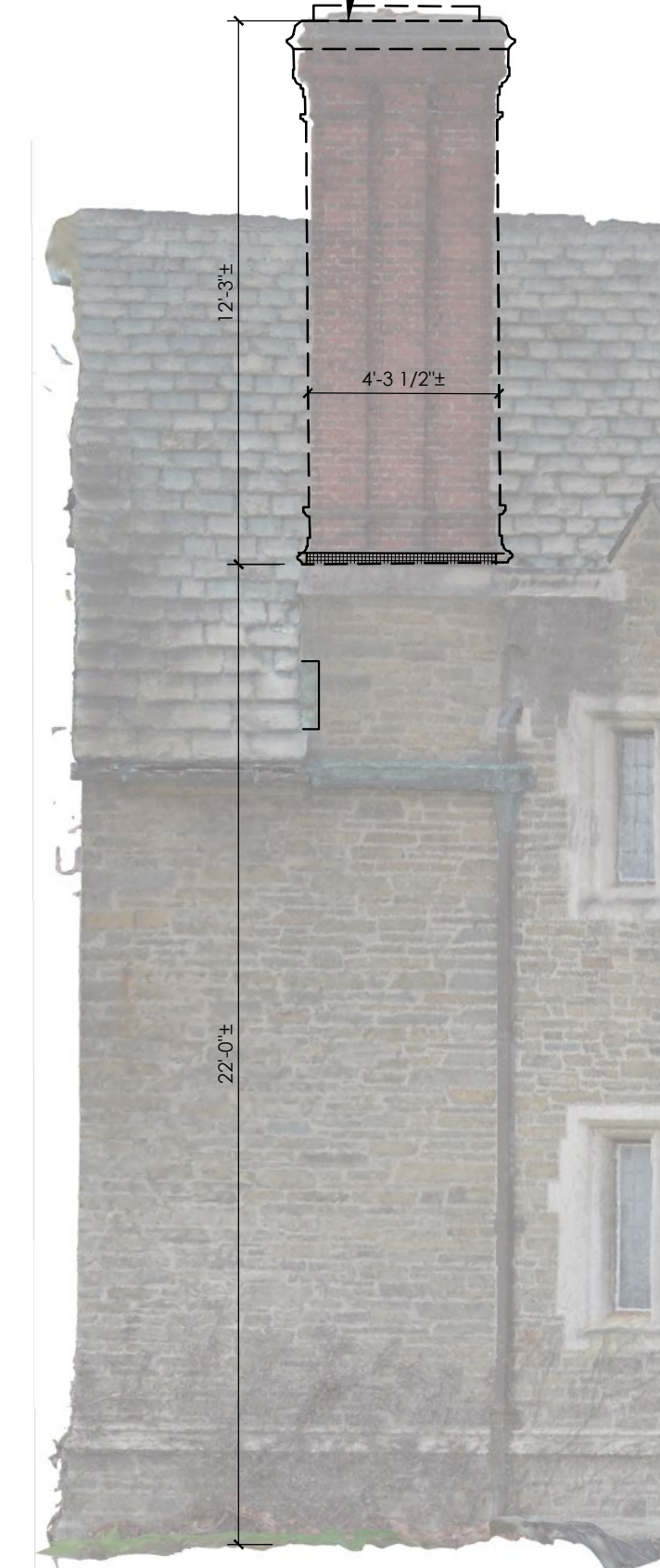
2 SOUTHWEST ELEVATION  
A3.6 Scale: 1/4"=1'-0"



3 SW CHIMNEY ELEVS  
A3.6 Scale: 1/4"=1'-0"



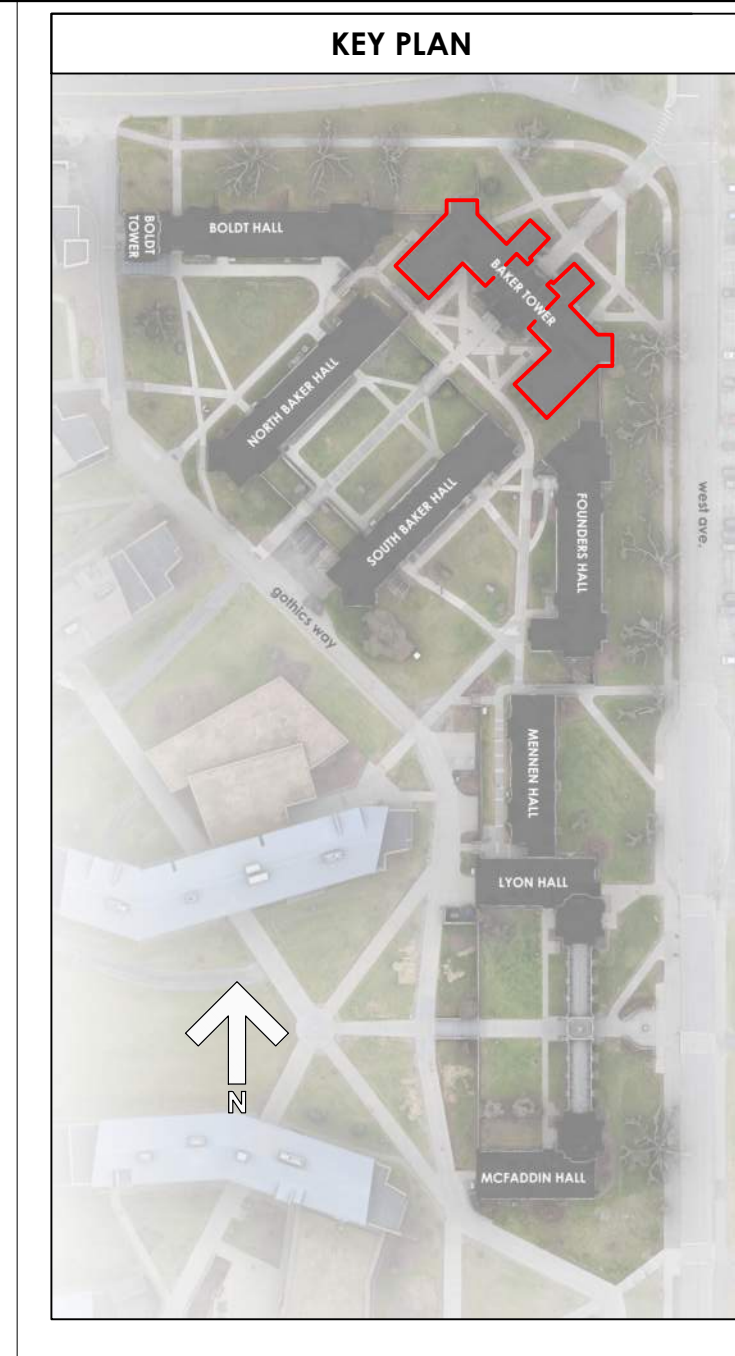
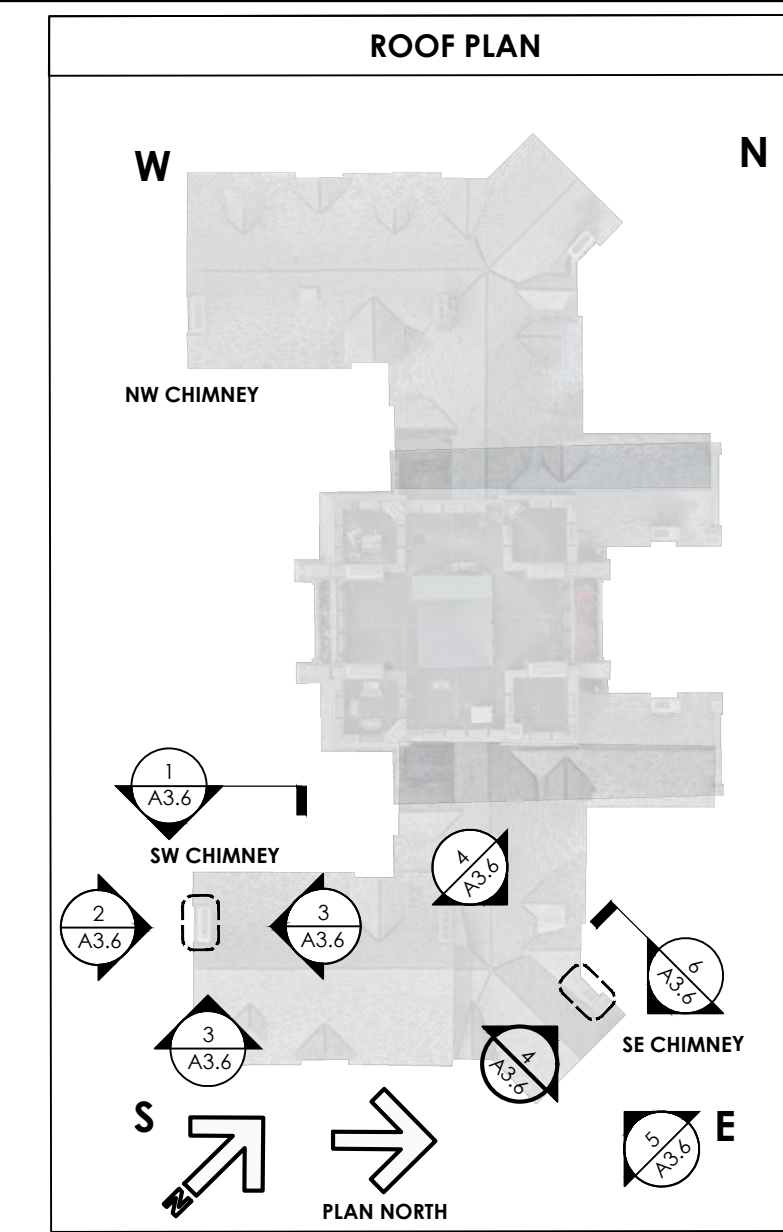
4 SE CHIMNEY ELEVATIONS  
A3.6 Scale: 1/4"=1'-0"



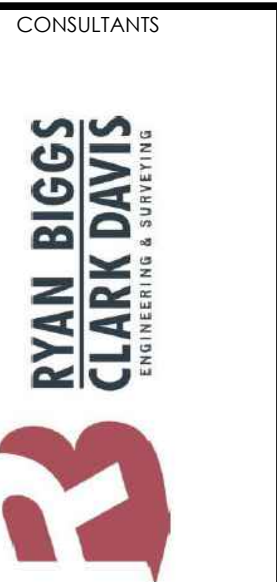
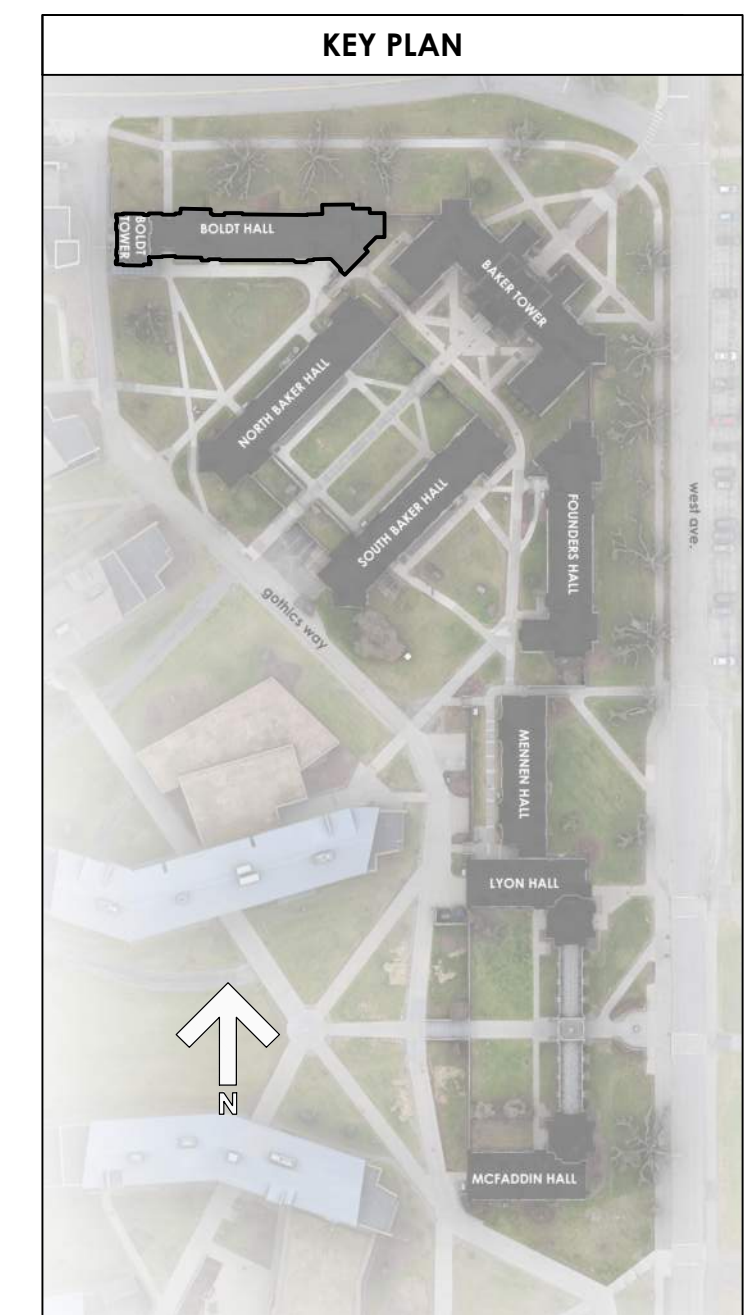
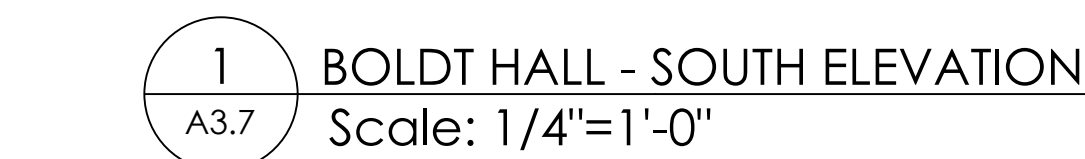
5 NORTH ELEVATION  
A3.6 Scale: 1/4"=1'-0"



6 EAST ELEVATION  
A3.6 Scale: 1/4"=1'-0"







BOLDI HALL CHIMNEY

WEST CAMPUS GOTHICS EXTERIOR REPAIRS  
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CHIMNEY REMOVAL  
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## VISIONS

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P. LAW

DATE  
OCTOBER 28, 2025

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