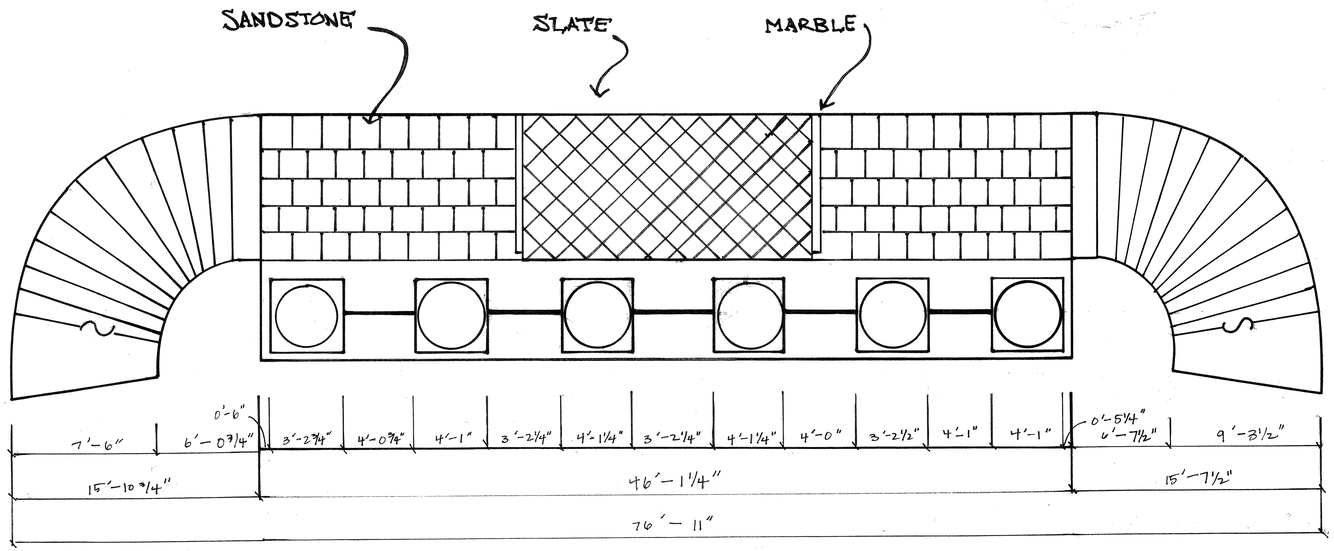
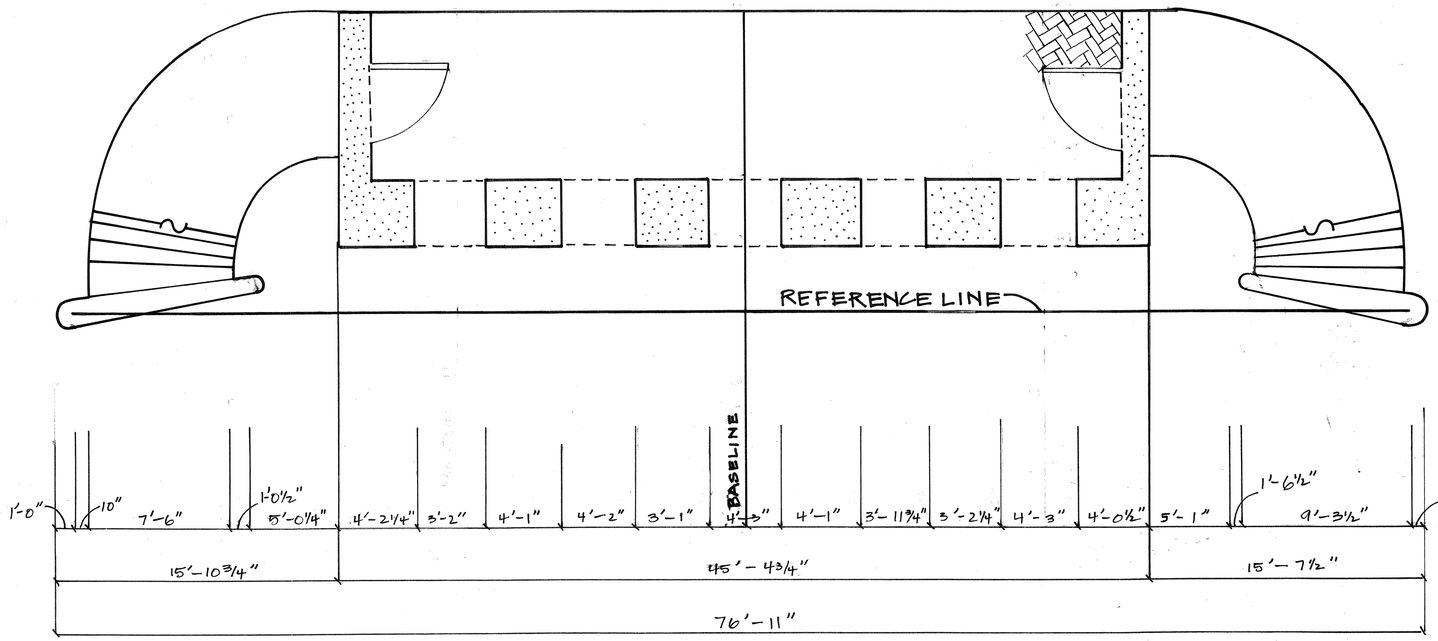


Sheets 1 - 4: Plans
Sheets 5-8: Elevations
Sheets 9-19: Details

College of Charleston
HPCP 299 - Fall 2009
RANDOLPH HALL DOCUMENTARY
DRAWINGS





PORTICO PLAN

NOTES

1. HERRINGBONE BRICK PATTERN UNDER PORTICO AND ON SIDEWALK
2. IRON HAND RAIL

LEGEND

STUCCO

HERRINGBONE BRICK

NORTH

SCALE 1/4" = 1'-0"

JAMES L. WARD
ASSISTANT PROFESSOR

COLLEGE OF CHARLESTON
ARTH 259-001 FALL 2009

HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

DRAWING TITLE: RANDOLPH HALL FINAL PLAN ①

ASSIGNMENT NO:

DRAWING PREPARED BY (TEAM/INDIVIDUAL): RALEIGH BECKETT TEAM 3 / KEN SPRAGUE

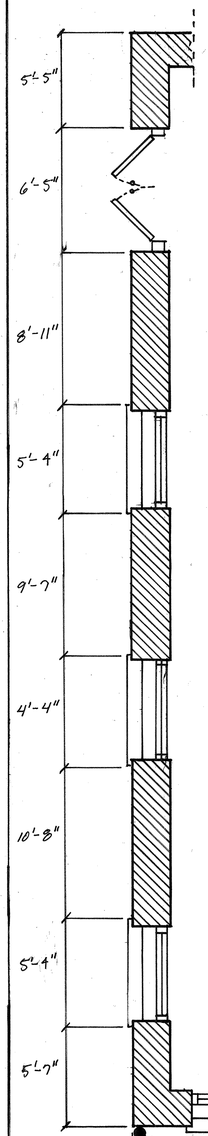
DATE: 11/3/2009

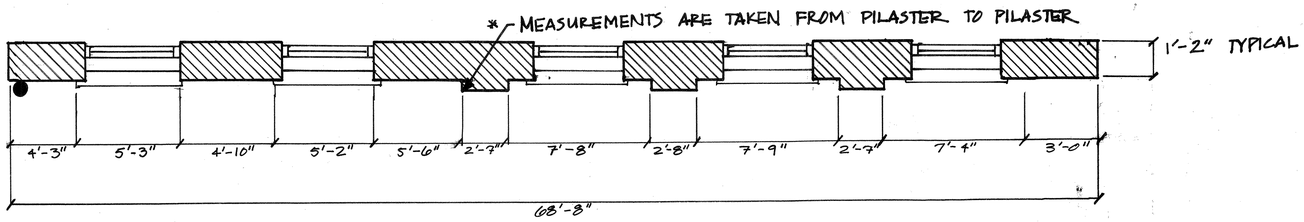
SCALE: 1/4" = 1'-0"

SHEET: 1

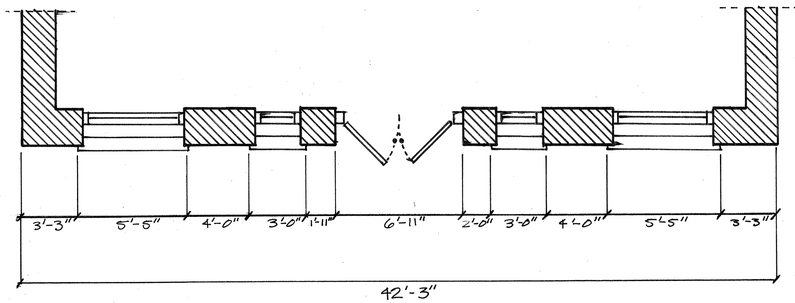
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	2ND FLOOR UPDATE	12-4-09	

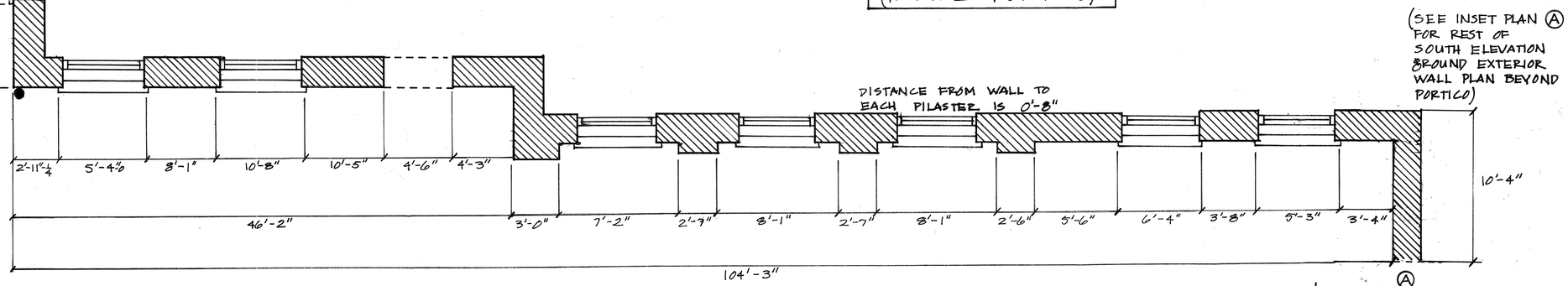




·SOUTH ELEVATION @ROUND EXTERIOR WALL PLAN·
INSET PLAN (A)



·SOUTH ELEVATION; @ROUND EXTERIOR WALL PLAN·
(INSIDE PORTICO)



·SOUTH ELEVATION; @ROUND EXTERIOR WALL PLAN·

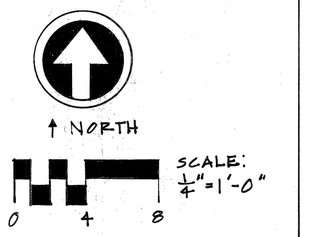
NOTES:

1. ALL VERTICAL MEASUREMENTS ARE TAKEN TO THE NEAREST ¼" INCREMENTALLY
2. OBSERVATORY, ELEVATOR TOWER & SOUTH PORTICO ARE LOCATED ON SHEET 1 OF ELEVATION
3. MASONRY MATERIALS USED IN CONSTRUCTION CONSIST OF STUCCO OVER BRICK
4. ROOF IS HIPPED AND CONSTRUCTED OF SLATE WITH METAL
5. ALL WINDOWS ARE DOUBLE HUNG AND MADE OF WOOD.

1. MEASUREMENTS TAKEN BEGIN 2' ABOVE @ROUND ELEVATION (ALIGNED WITH 2ND SCORELINE IN STUCCO)
*2. ALL MEASUREMENTS FOR WINDOWS ARE TAKEN FROM ONE EDGE OF MASONRY SILL TO THE OTHER
3. MATERIALS USED ARE WOOD & STUCCO OVER BRICK
4. BEWARE OF BEES BEHIND SHUTTERS

* = EXCEPT @ROUND PLAN

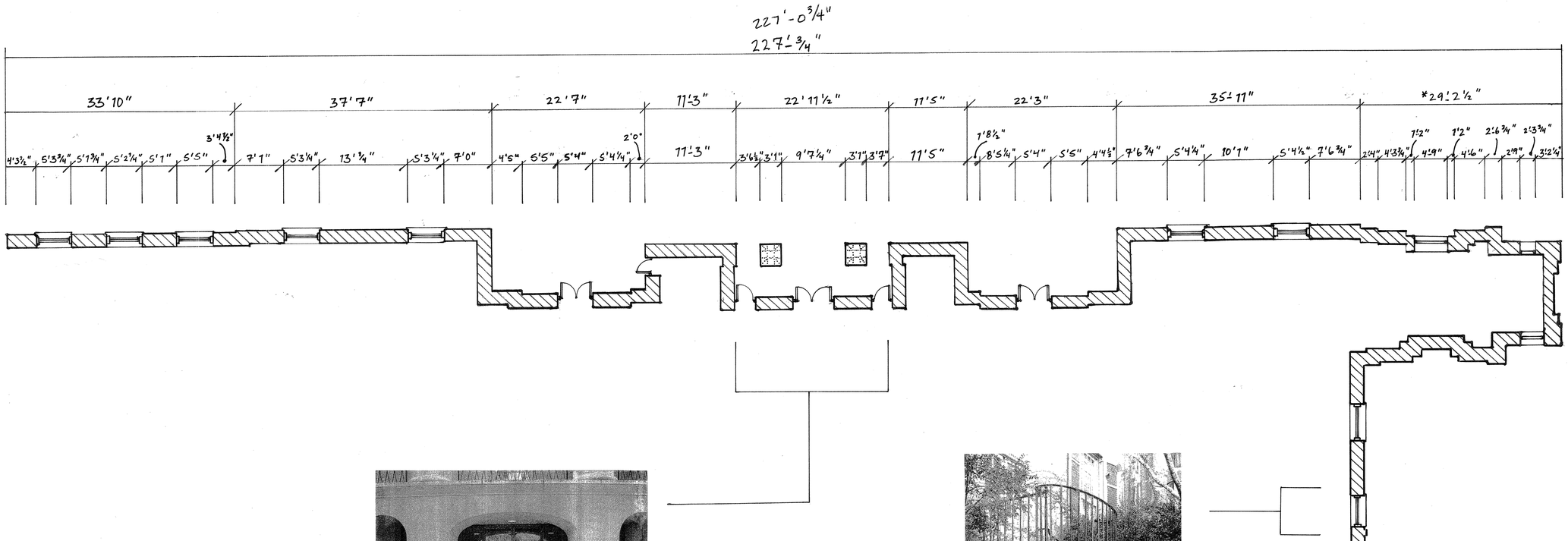
WINDOW DETAILS:

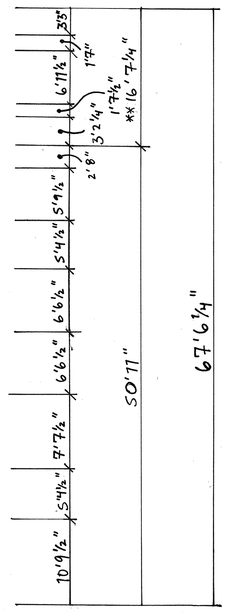


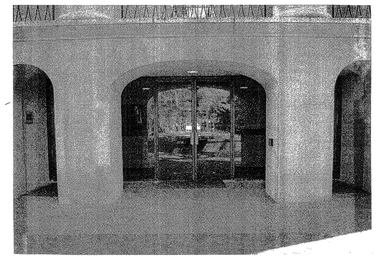
JAMES L. WARD ASSISTANT PROFESSOR COLLEGE OF CHARLESTON HISTORIC PRESERVATION & COMMUNITY PLANNING	CISTERN @REEN BUILDING COLLEGE OF CHARLESTON
ASSIGNMENT: NO	DRAWING TITLE: (2) PLAN INK DRAWING
DATE: 11-9-09	DRAWING PREPARED BY: TEAM 1 SCALE: 1/4"=1'-0" SHEET 1
REV	

PLAN

PLAN



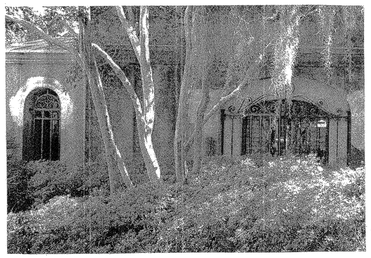




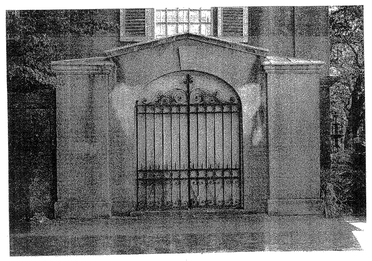
NORTH MAIN ENTRY



EAST STAIRWAY
(NOT INCLUDED IN PLAN)



*NORTH WINDOW DETAILS



**EAST TOWER DETAIL

NORTH

0 8 16

SCALE: 1/8" = 1'-0"

KEY

- BRICK WALL STUCCO EXTERIOR
- COLUMN

JAMES L. WARD
COLLEGE OF CHARLESTON
HPCP 299 FALL 09
HISTORIC PRESERVATION COMMUNITY PLANNING
ASSIGNMENT NO. 6
DATE: 11/06/2009

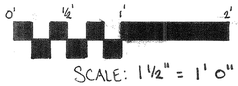
CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

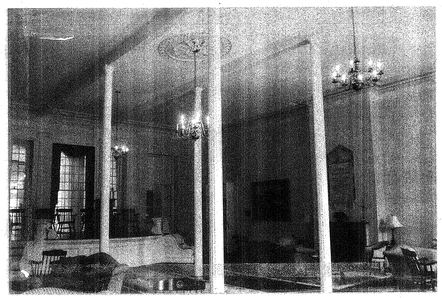
(3) PLAN PEN DRAWING

DRAWING PREPARED BY: KRISTEN BAILEY, MIKE RUSSELL, PATRICIA SHUMAN
1/8" = 1'0"
24" x 36"

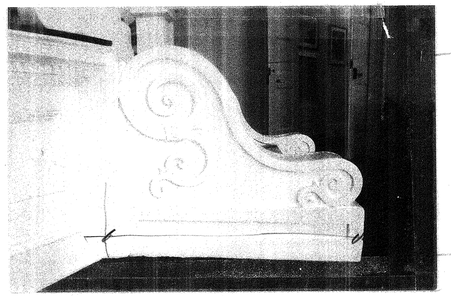
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED

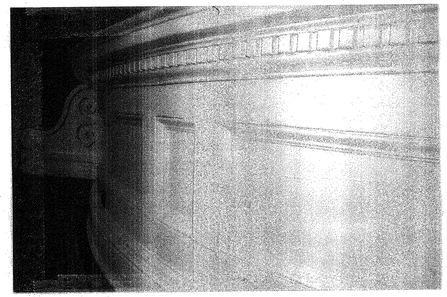




VIEW OF ROOM FROM WEST CORNER

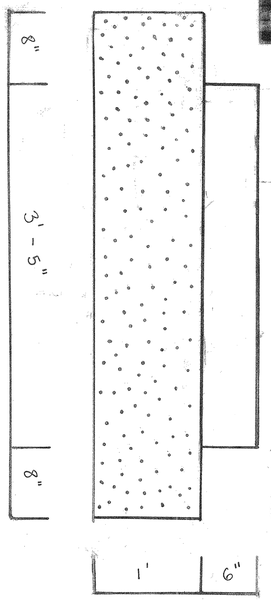


STAIRS TO STAGE

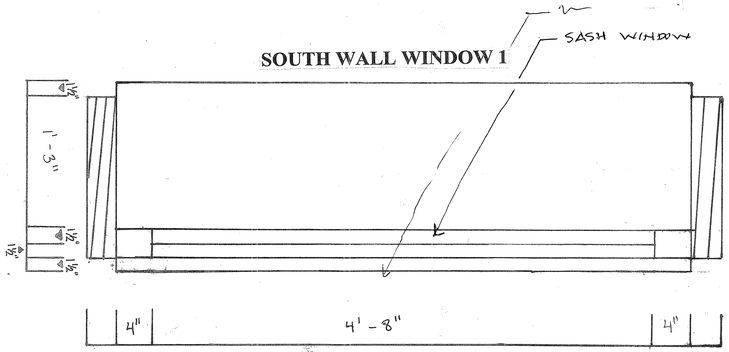


STAGE DETAIL AND STAIRS

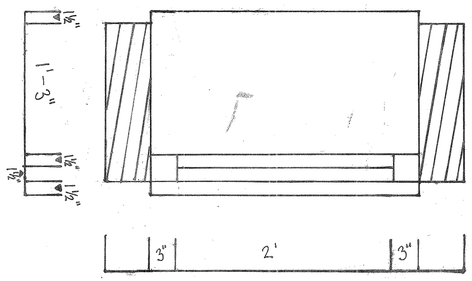
EAST AND WEST FIREPLACES



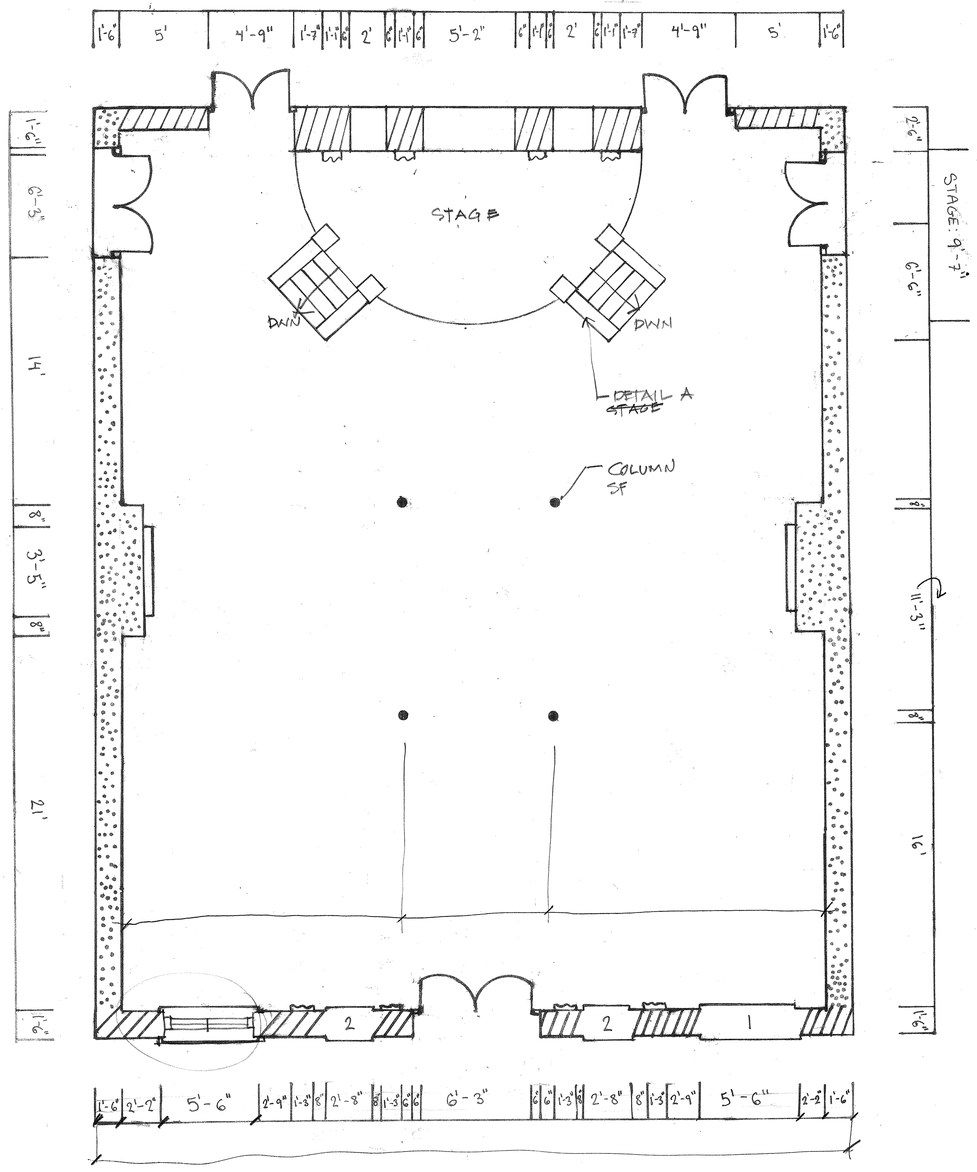
SOUTH WALL WINDOW 1



SOUTH WALL WINDOW 2



DETAIL A



NOTES:

Memorial Hall is located in the Main Building of Randolph Hall, which was designed by the architect William Strickland in 1828. Memorial Hall's main entrance on the southern facade overlooks the cistern. The room has symmetrical east and west walls with a fireplace and a double door running toward the north wall. The stage is centered on the north wall overlooking the massive meeting room.

LEGEND:

PLASTER:

SHEET ROCK:

DOOR:

WINDOW:

COLUMN:

PILASTER:

NORTH



JAMES L. WARD ASSISTANT PROFESSOR COLLEGE OF CHARLESTON ARTH 399-001 FALL 2009 HISTORIC PRESERVATION & COMMUNITY PLANNING	CISTERN GREEN BUILDINGS COLLEGE OF CHARLESTON DRAWING TITLE: INK PLAN FOR RANDOLPH HALL (4)
ASSIGNMENT NO: 6 DATE: 10/5/09	DRAWING PREPARED BY (TEAM/INDIVIDUAL): ANNA SCHOETTLE & FRANCES HARRIS SCALE SHEET

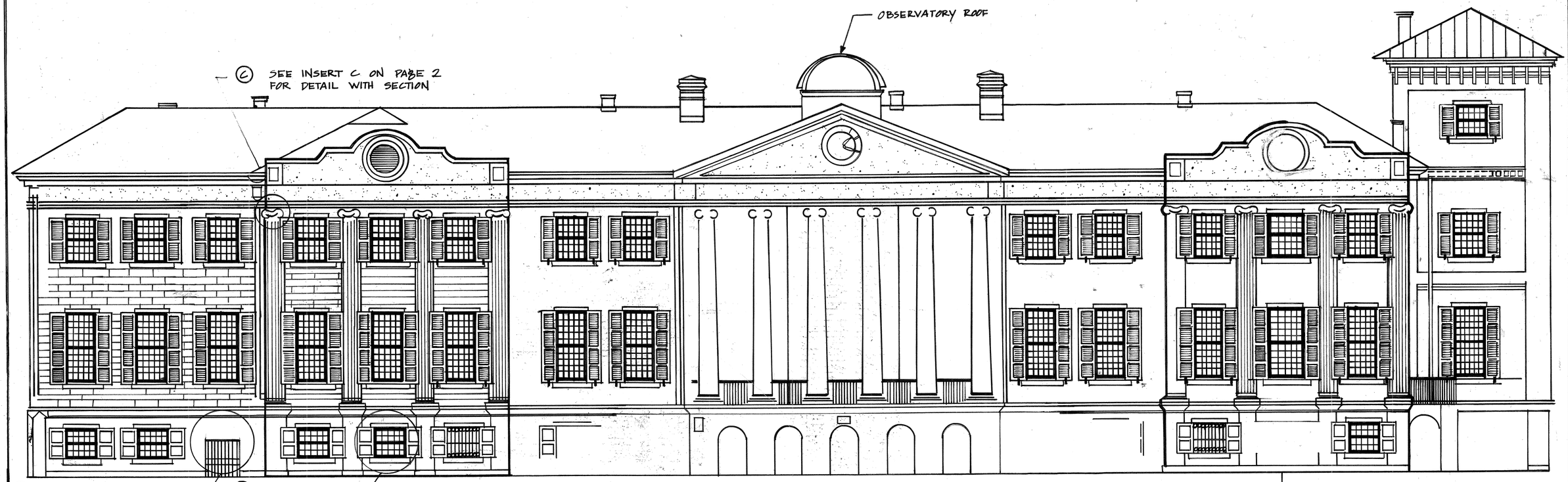
REVISIONS

REV	DESCRIPTION	DATE	APPROVED

NOTES

OBSERVATORY ROOF

© SEE INSERT C ON PAGE 2 FOR DETAIL WITH SECTION



(A) SEE INSERT A ON PAGE 2 FOR SOUTH ELEVATION DATE DETAIL

SEE INSERT B ON PAGE 2 FOR SOUTH & WEST ELEVATIONS WINDOW DETAIL

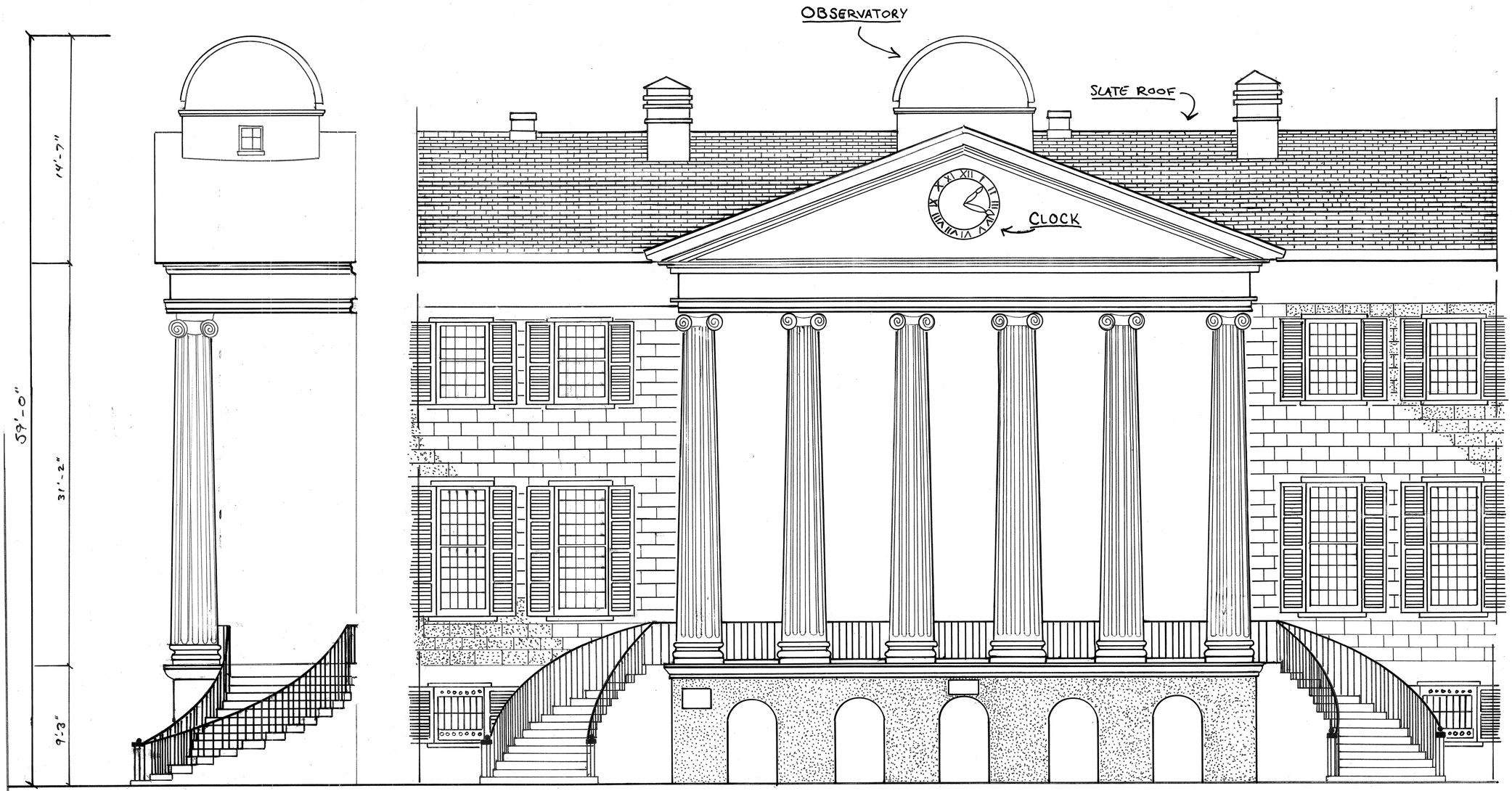
•SOUTH ELEVATION RANDOLPH HALL

•NORTH•

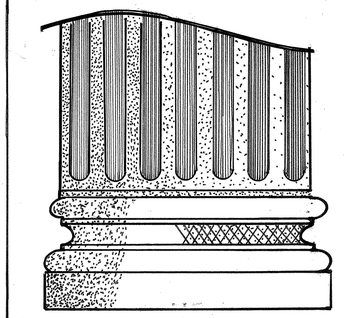
0 8 16

SCALE : 1/8"=1'-0"

JAMES L. WARD ASSISTANT PROFESSOR COLLEGE OF CHARLESTON HISTORIC PRESERVATION & COMMUNITY PLANNING	CISTERN GREEN BUILDINGS COLLEGE OF CHARLESTON
	DRAWING TITLE: (5) ELEVATIONAL DRAWINGS
ASSIGNMENT No. 2	DRAWING PREPARED BY: TEAM 1
DATE 19-Feb-09	
REV	SCALE 1/8"-1'-0" SHEET 1



SOUTH ELEVATION - PORTICO



LOWER COLUMN DETAIL
1"=1'-0"

NOTES:
1. FIRST LEVEL PORTICO FLOOR CONSISTS OF SLATE, SANDSTONE, AND MARBLE
2. UPPER LEVELS WERE INACCESIBLE TO TAKE MEASUREMENTS SO THEY WERE TAKEN FROM PROFESSIONAL DRAWINGS.

NORTH

0 1 4 8

SCALE 1/4"=1'-0"

JAMES L. WARD
ASSISTANT PROFESSOR

COLLEGE OF CHARLESTON
ARTH 299-001 FALL 2009

HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

DRAWING TITLE: PORTICO FINAL ELEVATION (6)

ASSIGNMENT NO:

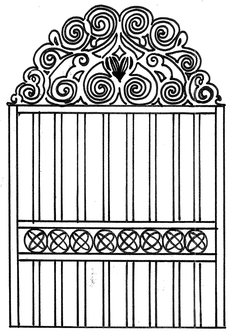
DRAWING PREPARED BY (TEAM/INDIVIDUAL): TEAM 3 KEN SPRAGUE RUTLEIGH BECKETT

DATE: 11/12/09

SCALE 1/4"=1'-0" SHEET 1

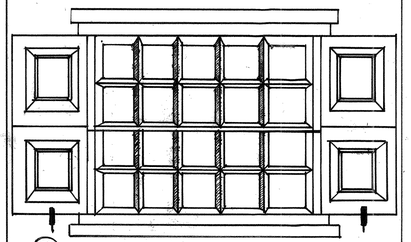
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	SIDE ELEVATION	12-4-09	



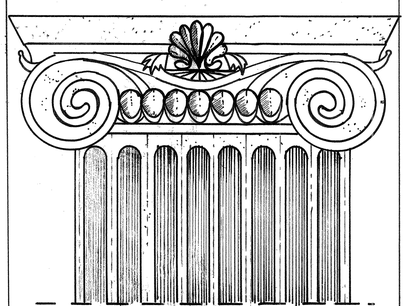
Ⓐ SOUTH ELEVATION ALCOVE GATE

SCALE: $\frac{1}{2}$"=1'-0" 0 2 4

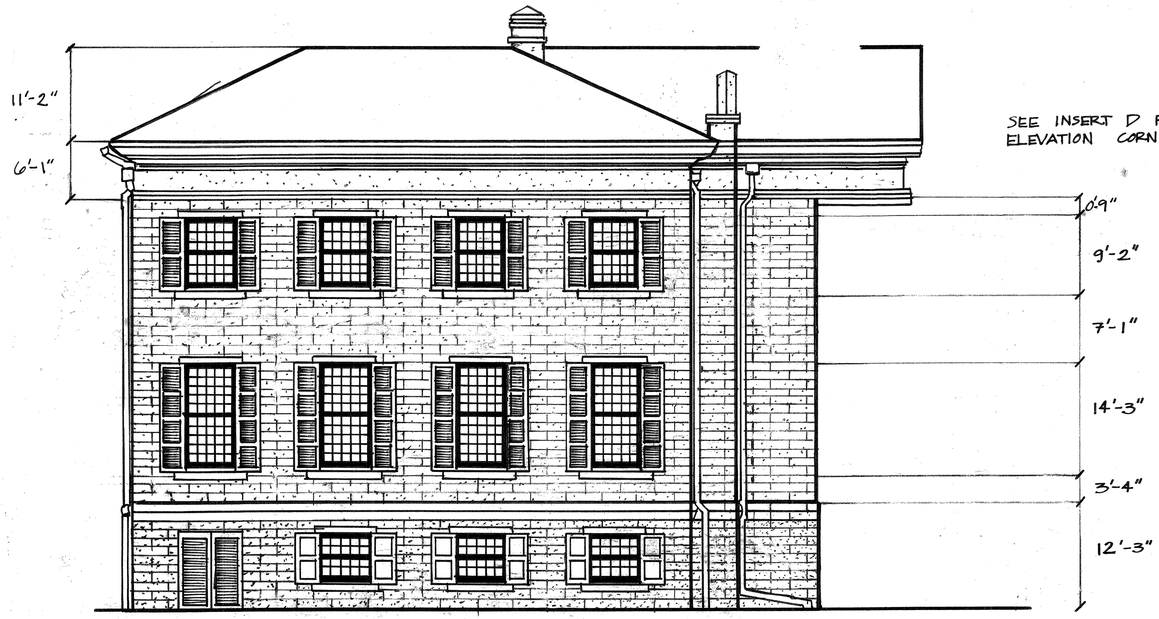


Ⓑ SOUTH ELEVATION WINDOW

SCALE: $\frac{1}{2}$"=1'-0" 0 2 4



Ⓒ PILASTER CAPITAL VOLUTE DETAIL (SOUTH ELEVATION)



SEE INSERT D FOR WEST ELEVATION CORNICE DETAILS

·WEST ELEVATION (RANDOLPH HALL)·
(EXCLUDING OBSERVATORY, ELEVATOR TOWER, & SOUTH PORTICO)

NOTES:

1. ALL VERTICAL MEASUREMENTS ARE TAKEN TO THE NEAREST INCH INCREMENTALLY
2. OBSERVATORY, ELEVATOR TOWER & SOUTH PORTICO ARE LOCATED ON SHEET 1 OF ELEVATION
3. MASONRY MATERIALS USED IN CONSTRUCTION CONSIST OF STUCCO OVER BRICK.
4. ROOF IS HIPPED AND CONSTRUCTED OF SLATE WITH METAL
5. ALL WINDOWS ARE DOUBLE HUNG AND MADE OF WOOD.

D ·WEST ELEVATION CORNICE· DETAILS

NORTH

0 8 16

SCALE: $\frac{1}{8}$"=1'-0"

JAMES L. WARD
ASSISTANT PROFESSOR
COLLEGE OF CHARLESTON
HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN & GREEN BUILDINGS
COLLEGE OF CHARLESTON

DRAWING TITLE: (7)
INK. ELEVATION DRAWING

ASSIGNMENT NO. 2

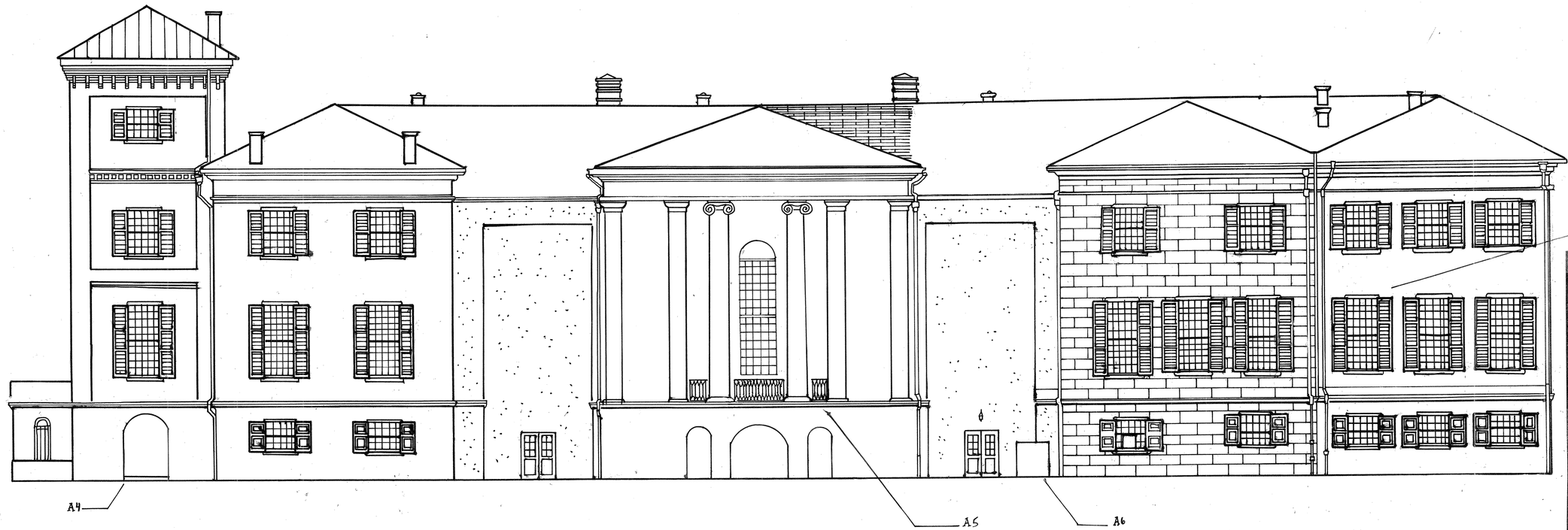
DRAWING PREPARED BY: TEAM 1

DATE 11-23-09

REV

SCALE $\frac{1}{8}$"=1'-0"

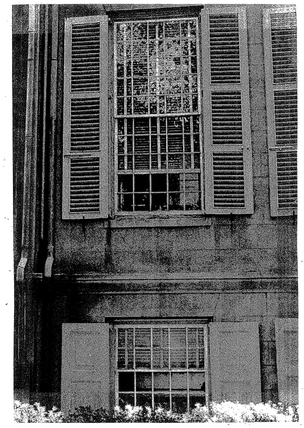
SHEET 2



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

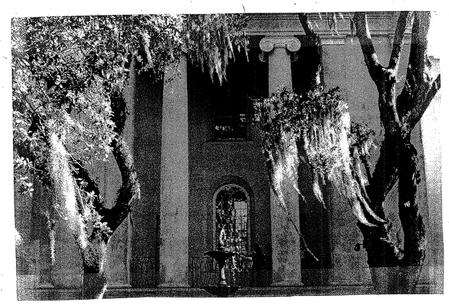


EAST ELEVATION
SCALE 1/8" = 1'-0"



B2

B1



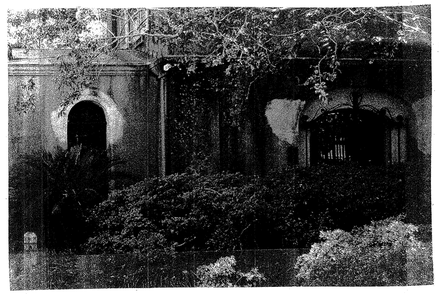
B5



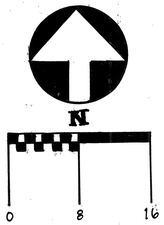
B3

~~I AM GOING~~

I AM GOING
I AM GOING



B4



SCALE: 1/8" = 1'-0"

NOTES	KEY
A1) WINDOW DETAILS ARE THE SAME THROUGHOUT EACH FLOOR	TIN PLATE ROOFING
A2) EXTERIOR WALL	BRICK-SHAPED STUCCO WALL
A3) STAIR DETAIL PICTURED (B3)	FLAT STUCCO WALL
A4) GATE DETAIL PICTURED (B4)	
A5) PORTICO BACKGROUND PICTURED (B6)	
A6) UTILITY BOX	
A7) WINDOW DETAIL PICTURED (B2)	
A8) GATE DETAIL PICTURED (B1)	

JAMES L. WARD
ASSISTANT PROFESSOR
COLLEGE OF CHARLESTON
HCP 299-001 FALL 2009

RANDOLPH HALL
COLLEGE OF CHARLESTON

ELEVATION PEN DRAWING (B)

TEAM 2
MIKE RUSSELL, PATRICIA SHUMAN, KRISTEN BAILEY

11/13/09

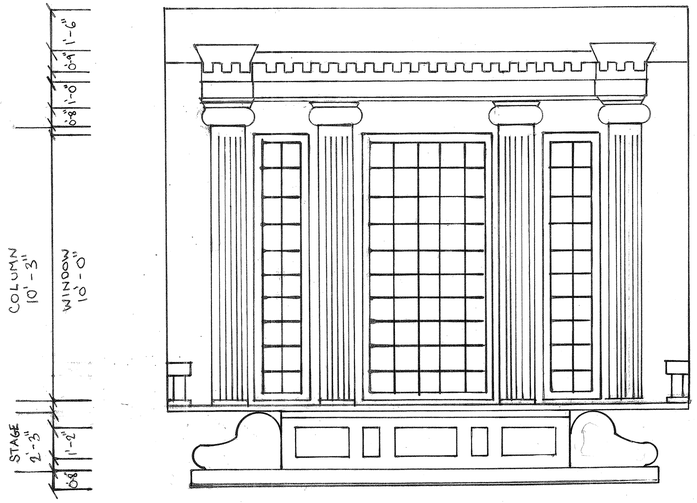
SCALE: 1/8"=1'-0"

SHEET 24x36"

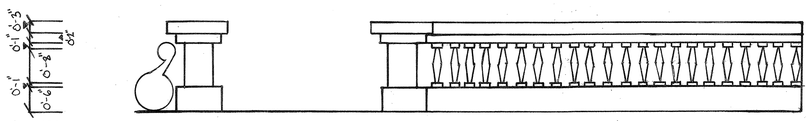
REVISIONS

REV	DESCRIPTION	DATE	APPROVED

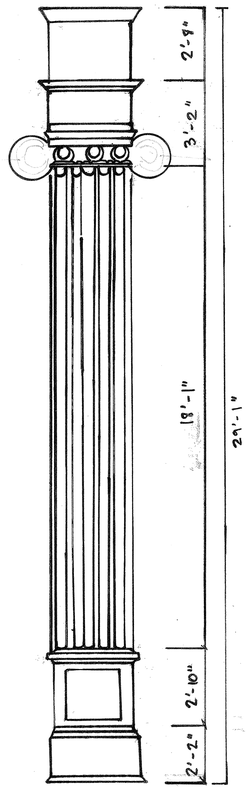
North Wall Stage Detail



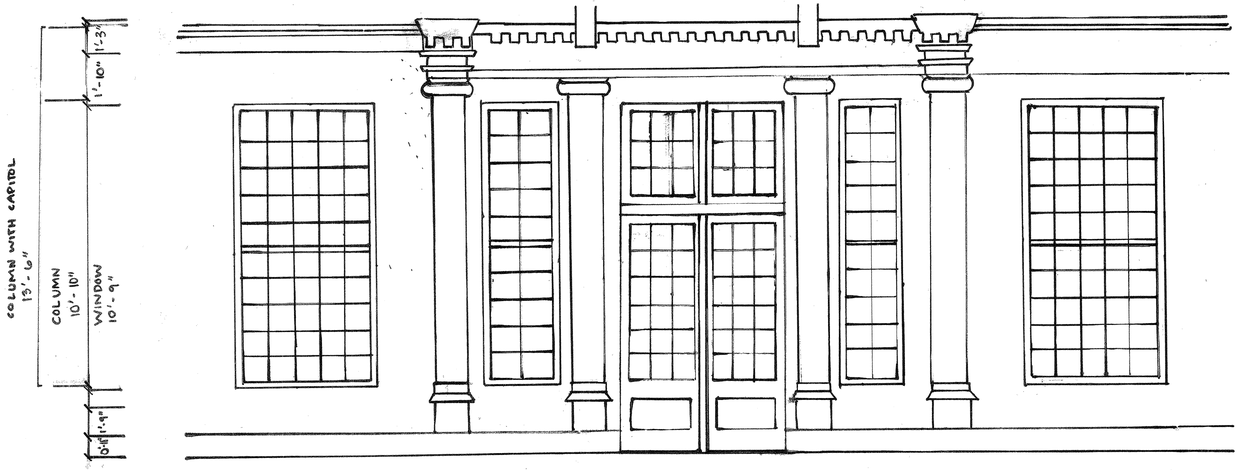
West Stage Railing Detail



South Wall Column Detail



South Wall



Notes

The measurements of the Ionic columns and moldings on the north and south walls were acquired using photographs, photoshop, and enlargement put to scale with measurements taken at the site.

The stage is centered along the north wall of Memorial Hall. Stairs descend from the southwest and northeast points of the stage. Three windows framed by four Ionic columns span the back wall of the stage platform.

Legend

Ionic Column:

Dentals:

Stair Molding:

Stair Detail:

West Stage Railing Details and South Wall Column

0' 1' 2' 3' 4' 8'

SCALE: 3/4" = 1'-0"

North Wall Stage Detail and South Wall

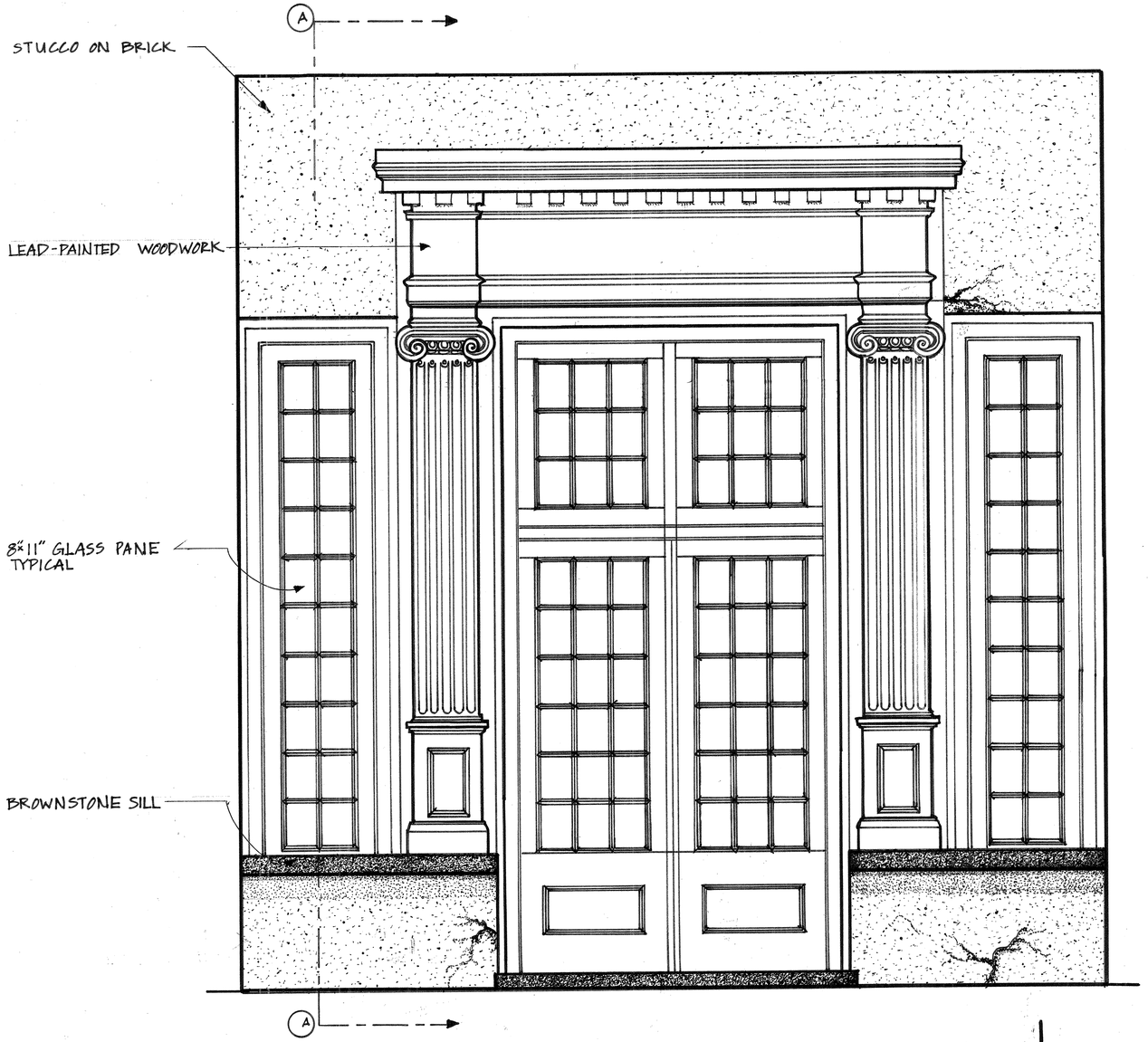
0' 1' 2' 3' 4' 8'

SCALE: 3/8" = 1'-0"

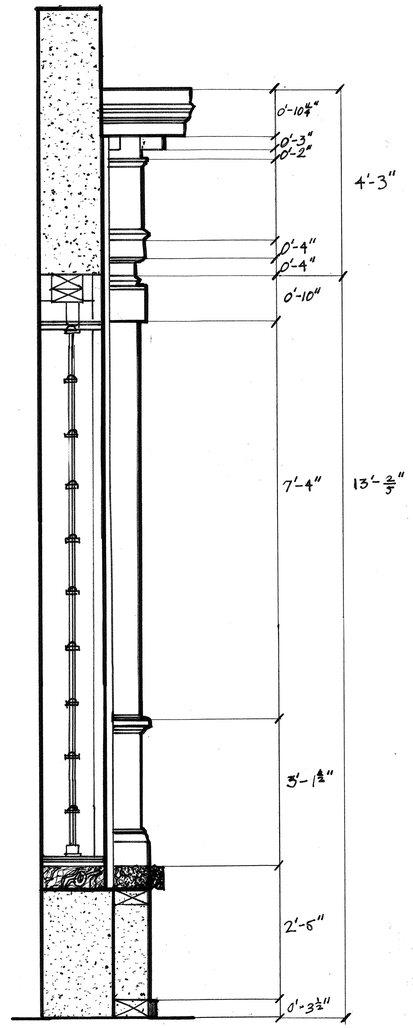
James L. Ward Assistant Professor College of Charleston ARTH 299-001 Fall 2009 Historic Preservation & Community Planning	CISTERN GREEN BUILDINGS COLLEGE OF CHARLESTON DRAWING TITLE: INK ELEVATION OF MEMORIAL HALL (9)
ASSIGNMENT NO:	DRAWING PREPARED BY (TEAM/INDIVIDUAL): ANNA SCHOETTLE & FRANCES HARRIS TEAM 4
DATE: 11/13/09	SCALE: SHEET:

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



·SOUTH ELEVATION PORTICO DOOR ENTRY SIDELIGHTS· 1/3



SECTION A-A

COLLEGE of CHARLESTON

RANDOLPH HALL'S MAINTENANCE PROPOSAL OF MEMORIAL HALL FRONT ENTRY

Generally, schools of higher education embrace a central image that symbolizes its certitude, helping to maintain a strong sense of pride within its students. At the College of Charleston, founded in 1770 and chartered in 1785 as the first municipal college in the United States, Randolph Hall and its surrounding buildings embody this notion. Situated on the Cistern Green, Randolph Harrison Hall stands three stories tall as a stucco on brick structure. The most essential facet of the building is the full-height hexstyle, Ionic portico looming over an arcaded basement with incurving steps. While the most original, central portion was built by William Strickland in 1828, additions like the portico and wings were added by Edward Brickell White 22 years later. Perhaps the most iconic architectural element of the South portico of Randolph Hall is its dignified front entrance. Serving as the chief entry to Memorial Hall, the front entrance is composed of two large painted wood doors. Also, an Ionic ordered cornice with dentil molding adorns the door, which is supported by two Corinthian pilasters. These pilasters work with two double hung sidelights to accent a vertical emphasis. It is through these window openings students, faculty, and visitors alike are able to view the cistern and take a quick glimpse of the College of Charleston experience. Typically, window openings serve four purposes: admitting light, circulating fresh air and enhancing the building's architectural integrity by providing a visual relationship to outside and by enhancing its overall form.

However, minor deterioration exists on the front entrance. Preservationists may have concerns pertaining to spalling stucco on the exterior walls and wood rot on the windows. This rot is mainly due to water damage; in fact, water penetration is the leading component of damaging effects to historic buildings like Randolph Hall. Fenestration inspection should take place along the window joints and sill, beginning at the bottom of the window, where most of the water collects. Visually, one can indicate water damage by observing paint failure (blistering, cracking, flaking and peeling). Randolph Hall's Entry to Memorial Hall can be associated with Repair Class I, which simply includes routine maintenance procedures in the following order: interior and exterior paint removal to improve accessibility and the clarity of original detail (scraping, chemical stripping, and hot air gun), removal and repair of sash, repair to the frame, weather-stripping and reinstallation of sash, and repainting. Because of Randolph Hall's era, lead-based should be detected and carefully approached.

Ultimately, Randolph Hall is a very significant edifice that functions as an icon, historical testimony, and landscape backdrop. Great feats of history and education have occurred within and outside its walls. Because the building has remained faithful to us we now must return the favor and preserve its most visual attribute- the front entry to Memorial hall.

NORTH

SCALE: ¾" = 1'-0"

JAMES L. WARD
ASSISTANT PROFESSOR

COLLEGE OF CHARLESTON
ARTH 299-001 FALL 2009

HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

DRAWING TITLE:
DETAIL OF SOUTH ELEVATION PORTICO DOOR ENTRY (10)

ASSIGNMENT NO: 6

DATE: 11-22-2009

DRAWING PREPARED BY (TEAM/INDIVIDUAL):
M. CHASE ROBINSON

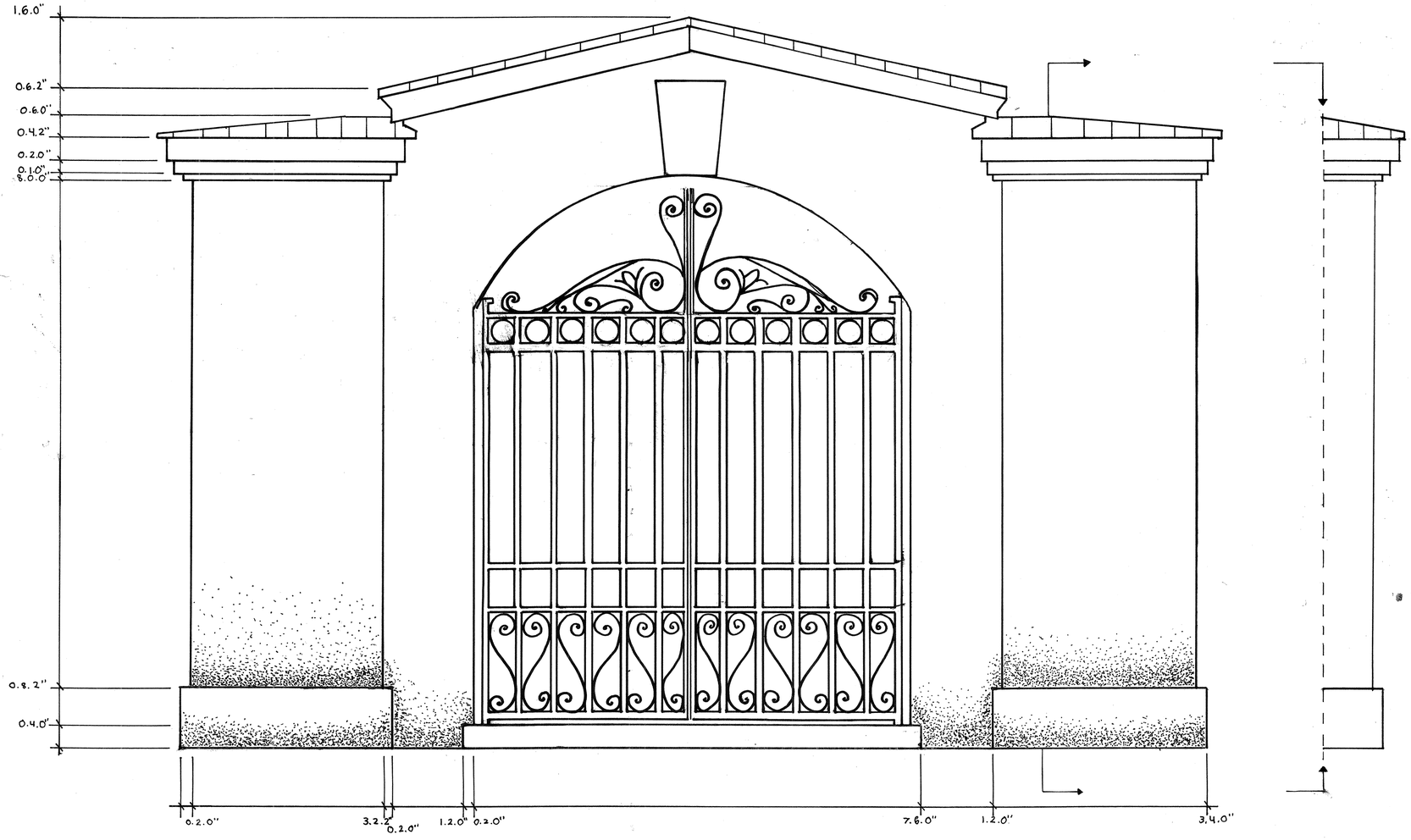
SCALE: ¾"=1'-0"

SHEET 1

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

EAST GATE
RANDOLPH HALL DETAIL



LEGEND

- Tin Plate Roof
- Stucco
- Wrought Iron

THE EAST GATE ON RANDOLPH HALL IS NOT IN TOO BAD OF SHAPE. ANY REPAIRS ARE ONLY MINOR. IF REPAIRS ARE TO OCCUR, THE STUCCO, WHICH IS A CEMENT OR LIME-BASED PLASTER, SHOULD COME FIRST. USING A MIX OF PORTLAND CEMENT, MASON'S SAND, HYDRATED LIME, AND POSSIBLY SOME TYPE OF ACRYLIC BONDING AGENT, PATCH THE SPOTS NECESSARY FOR REPAIR. IT IS IMPORTANT TO MAKE IT DISTINGUISHED FROM THE PREVIOUS STUCCO AS TO KEEP IN TERMS WITH PRESERVATION CODES FOR HISTORIC STRUCTURES, ESPECIALLY BEING THAT RANDOLPH HALL IS LISTED IN THE NATIONAL REGISTER. SOME TIPS ON GOING ABOUT STUCCO REPAIR WOULD INVOLVE DOING IT IN THE SHADE SO IT DOES NOT DRY TO FAST, NOT WORKING IN TOO COLD OR HOT OF WEATHER (ABOVE 40 DEGREES FAHRENHEIT), AND MAKING SURE TO BREAK OFF LOOSE STUCCO THAT CANNOT BE SAVED TO PROVIDE A CLEAN SURFACE TO APPLY THE NEW MIX.

NORTH

SCALE 1"=1'-0"

0 1 2 3 4

JAMES L WARD
ASSISTANT PROFESSOR

COLLEGE OF CHARLESTON
HPCD 299-001 FALL 2009

HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

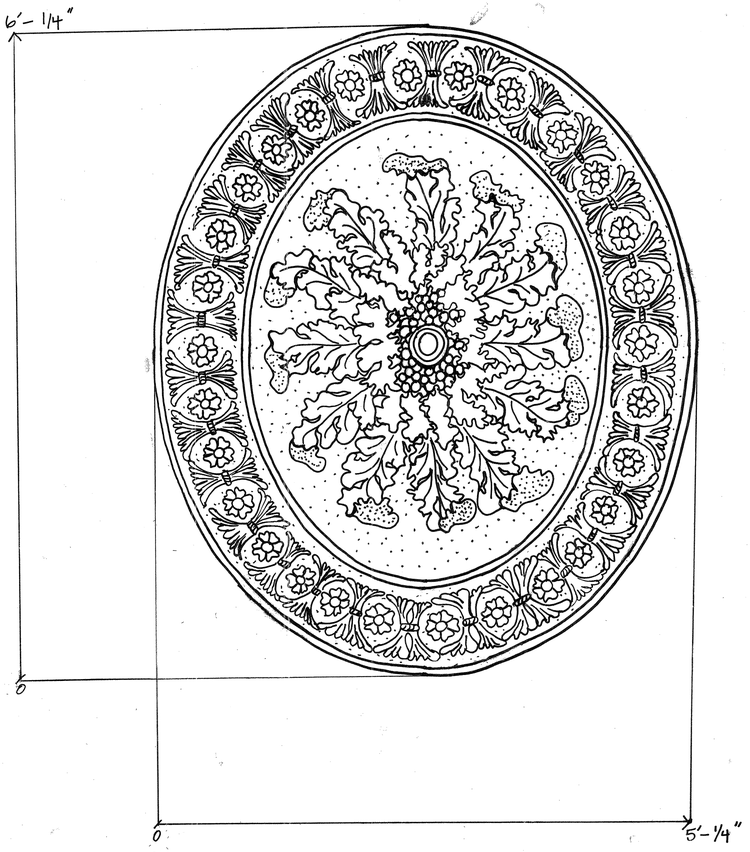
FINAL PEN DETAIL RANDOLPH HALL (11)
EAST GATE

6
11/23/09

MIKE RUSSELL

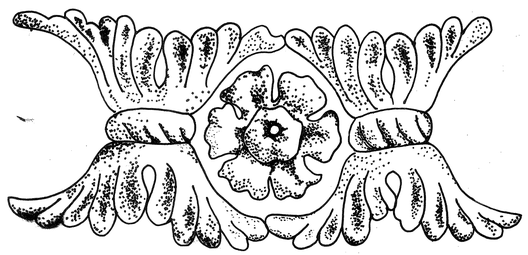
REV	Revision	Date	Approved
1	Section Addition	12/7/09	

CEILING MEDALLION





ACANTHUS LEAF DETAIL



FLOWER DETAIL

TO RESTORE DECORATIVE PLASTERWORK, OLD PAINT LAYERS MUST BE CAREFULLY REMOVED TO REVEAL INTRICATE DETAILS.

CRACKS CAN BE REPAIRED BY FILLING THEM WITH PLASTER.

SMALLER DETAILS SUCH AS THE ACANTHUS LEAVES IN THIS CEILING MEDALLION SHOULD BE RE-CAST IN A MOULD.

NOTES:

1. MEASUREMENTS WERE APPROXIMATED FROM A LADDER, DISTANCE BETWEEN COLUMNS WAS MEASURED THEN OUTER EDGE OF MEDALLION WAS SUBTRACTED FROM THAT.
2. PHOTOGRAPHS WERE USED FOR ADDITIONAL MEASUREMENTS AND DETAILS.
3. PLASTER IS CREAM COLORED AND CEILING IS WHITE.
4. WOULD LIKE TO USE TALLER LADDER TO GET EXACT MEASUREMENTS.

N

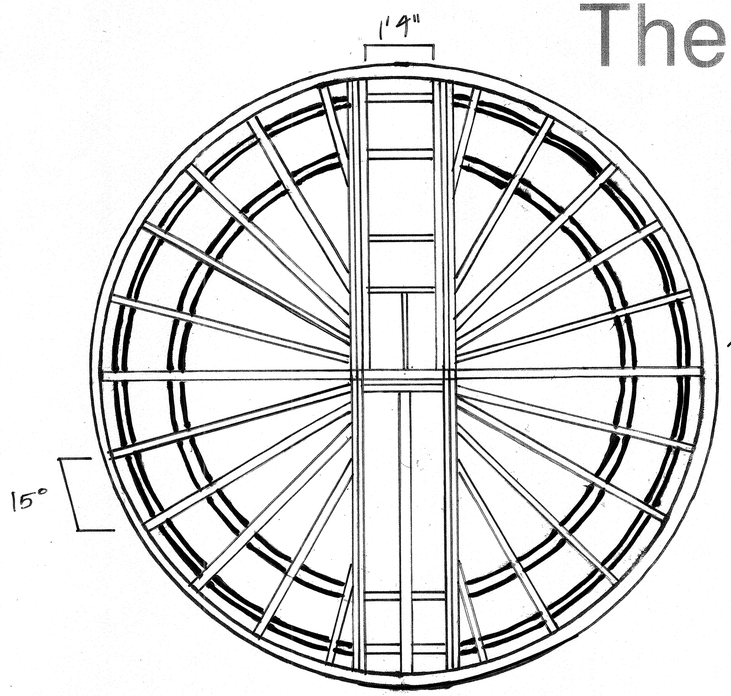
1 1/2" = 1'-0"

JAMES L. WARD ASS'T. PROF. COLLEGE OF CHARLESTON ARTH 299-001 FALL 09 HPCP	CISTERN GREEN BUILDINGS COLLEGE OF CHARLESTON MEMORIAL HALL (12) CEILING MEDALLION
ASSIGNMENT NO. 6 DATE: 11/23/09	PREPARED BY: KULEIGH BECKETT
	SCALE 1 1/2" = 1'-0" — SHEET 1/1

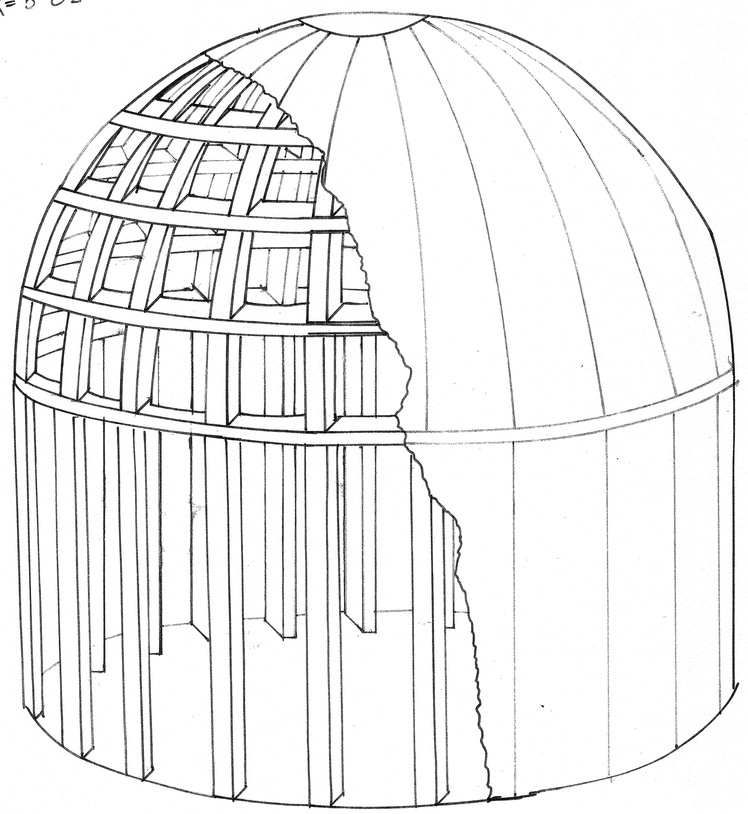
REVISIONS

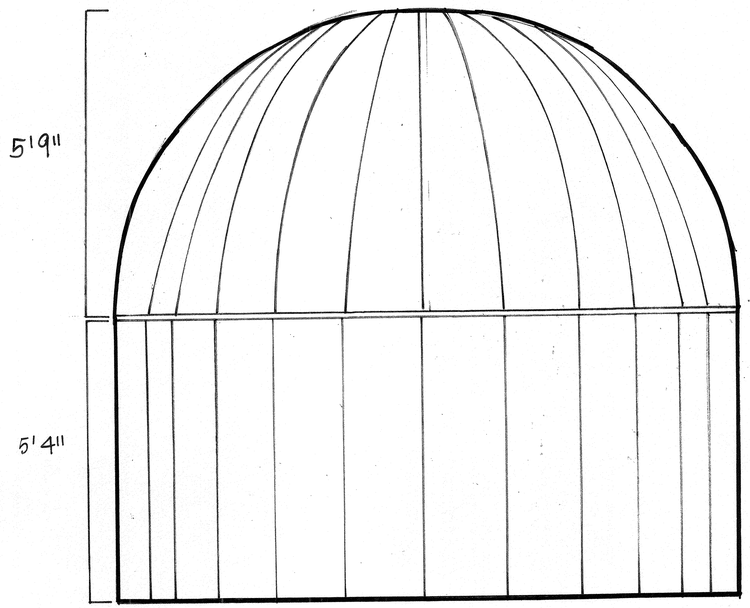
REV	DESCRIPTION	DATE	APPROVED

The Observatory



PLAN





ELEVATION

Preservation of the Observatory:

Following detriment to Randolph Hall as a result of the earthquake of 1886, the observatory, constructed of wooden beams with a tin roof and steel, was added to mask damages the tremor had caused to the roof of the structure. At this time, it was unknown, the observatory would become an icon of the College of Charleston.

The observatory has been neglected as a part of the building since the telescope was removed and is no longer used as an observatory. Current access to the observatory is quiet complicated. After lifting a ceiling panel, one must climb a series of ladders to an unfinished maze of wooden planks which lead to the observatory. Upon entrance however, the space itself is quite interesting, blanketed with signatures of many-- ranging from students from the class of 1696 to present students as well as authors and other people of importance.

In order to properly conserve this structure until a further use for it is determined the windows and other open areas must be closed off to prevent future environmental muck. Aspects of the environment such as bird feces, leaves and other debris have overtaken the observatory but can easily be cleaned. Although there is diminutive evidence of rusting steel, prevention of such can be achieved by spraying machine oil on the moving parts of the structure. Painting the roof could temporarily provide protection for the roof until the future of the observatory is determined.

Considerations for the future of the observatory include; preserving the space as an icon of College of Charleston, or restoration-- making the observatory more accessible for students to experience. Another possibility for the observatory would involve preservation of the signatures of those who have signed throughout the many years.

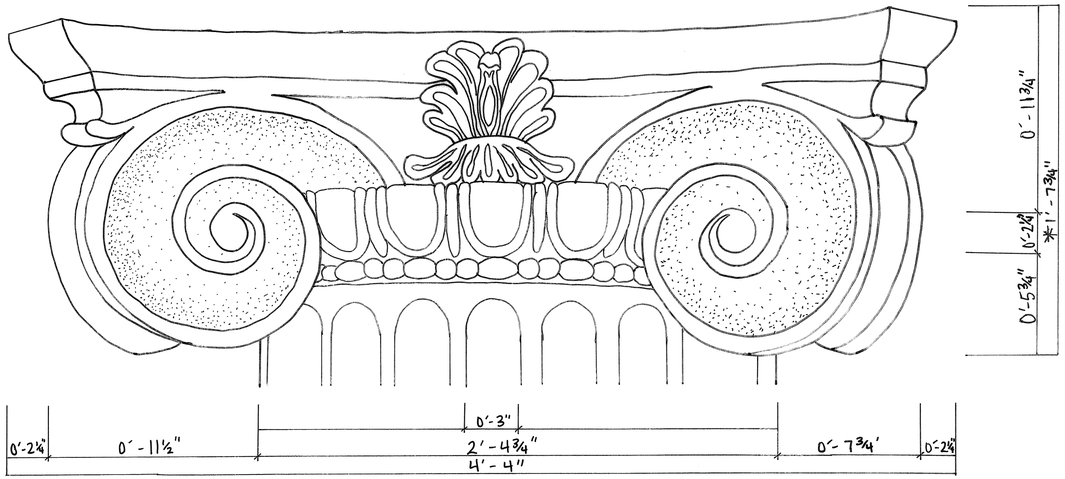
SCALE: 3/4" = 1'-0"

0 1 2 4

JAMES L. WARD ASSISTANT PROFESSOR COLLEGE OF CHARLESTON ARTH 299-001 FALL 2009 HISTORIC PRESERVATION & COMMUNITY PLANNING	CISTERN GREEN BUILDINGS COLLEGE OF CHARLESTON DRAWING TITLE: DETAIL INK DRAWING (13)
ASSIGNMENT NO:	DRAWING PREPARED BY (TEAM/INDIVIDUAL): TORI MULLIN
DATE: 11/23/09	SCALE: 3/4 SHEET: 1

REVISIONS

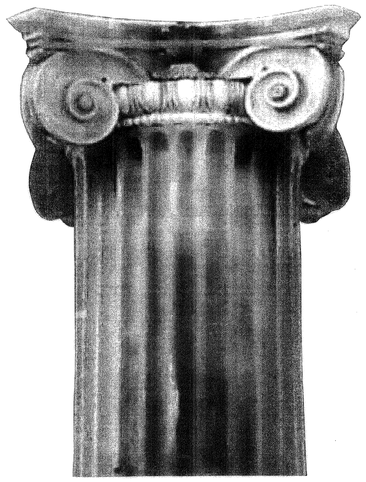
REV	DESCRIPTION	DATE	APPROVED

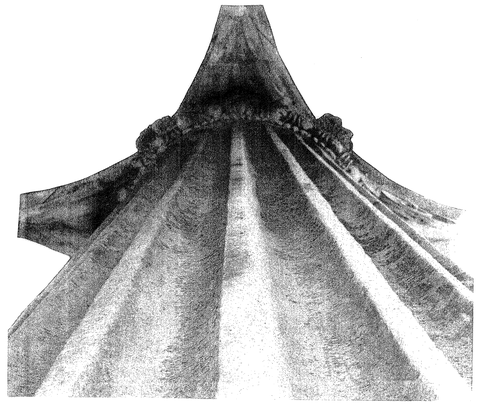


CAPITOL DETAIL

SCALE : 3" = 1'-0"

VISUAL OF CAPITOL SHAPE Ⓚ

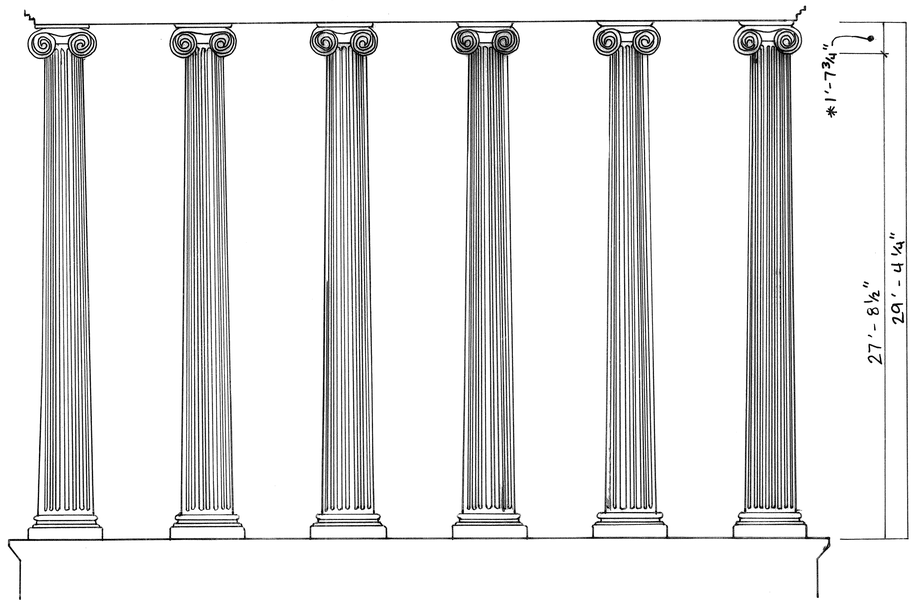




VISUAL OF CAPITOL SHAPE Ⓚ

SOUTH PORTICO COLUMNS

SCALE : 1/4" = 1'-0"



VISUAL OF COLUMN SHAPE & DETAIL Ⓚ



LEGEND

= RECESS IN TERRA COTTA DETAIL

Ⓚ = NOT TO SCALE

DETAIL SPEC:

IN ORDER TO KEEP THE HISTORICAL APPEARANCE OF THE ORIGINAL CAPITOLS, IT WOULD BE BEST TO SAVE THE CURRENT CAPITOLS BY DISMANTLING AND REANCHORING THEM FOR STABILIZATION WITH AISI TYPE 316 STAINLESS STEEL (A NON-CORRODING TYPE).

IN THE EVENT THAT THE ORIGINAL CAPITOLS ARE NOT IN THE CONDITION TO BE SAVED FOR FURTHER USE ON RANDOLPH HALL, IT WOULD BE WISE TO RECONSTRUCT THE CAPITOLS TO HAVE HIGH-QUALITY MATCHING NEW CAPITOLS. INSTEAD OF PIECING TOGETHER SEVERAL SECTIONS OF THE LARGE CAPITOL AS BEFORE, IT MAY BE MORE SUITABLE TO HAVE ONE CONTINUOUS PIECE.

JAMES L. WARD
ASSISTANT PROFESSOR
COLLEGE OF CHARLESTON
ARTH 299-001 FALL 2009
HISTORIC PRESERVATION & COMMUNITY PLANNING

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

RANDOLPH HALL CAPITOL DETAIL (14)

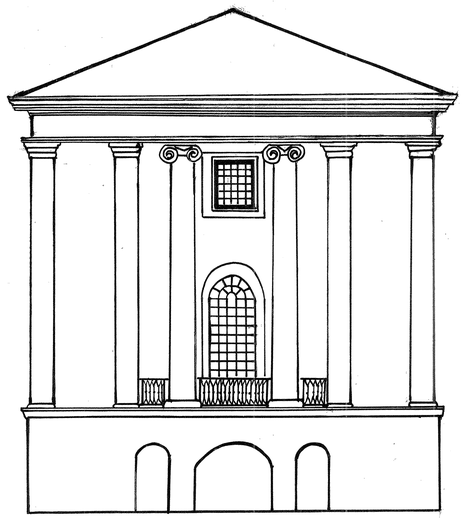
ASSIGNMENT # 6

KRISTEN R. BAILEY

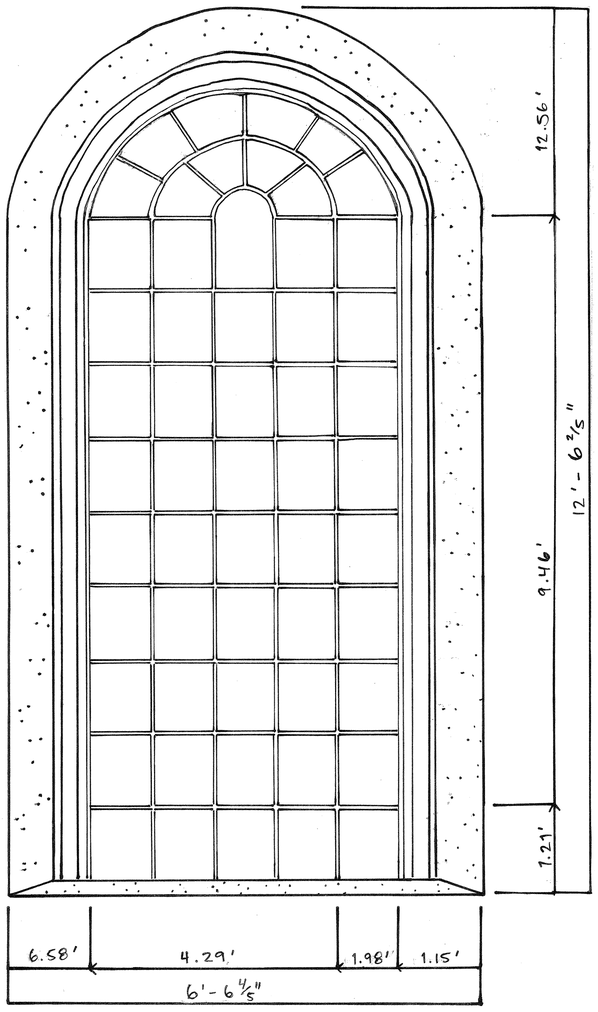
NOVEMBER 20,2009

SCALE 1/4"=1'-0" & 3"=1'-0"

REV	DESCRIPTION	DATE	APPROVED

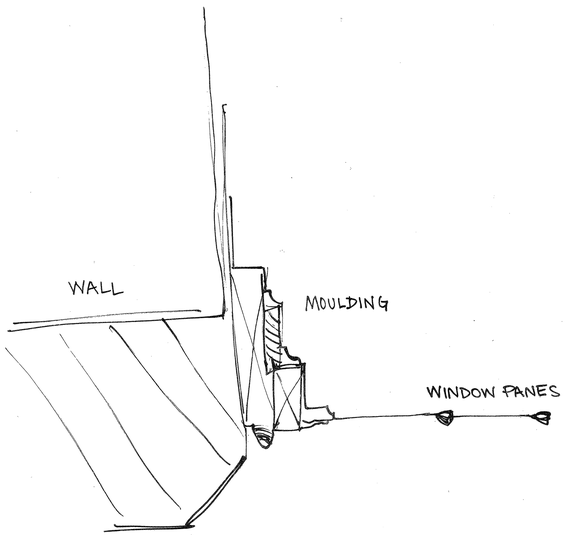


RANDOLPH HALL NORTH PORTICO
(REAR ENTRANCE)

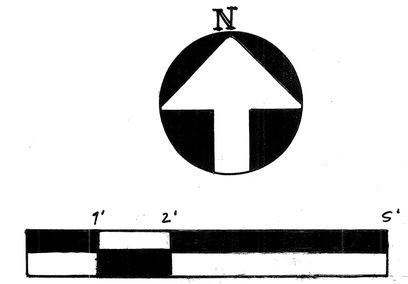


CLASS II MAINTENANCE:

MOST LIKELY DUE TO EXCESS MOISTURE BUILD-UP, THE PAINT ON THE WINDOW IS PEELING. A PUTTY KNIFE OR PAINT SCRAPER MAY BE USED WITH CARE TO REMOVE THE AFFECTED LAYER OF PAINT AND ALLOW FOR A FRESH LAYER TO BE APPLIED AFTER GENTLY CLEANING THE AREA. CURRENTLY THE AREA IS NOT IN DESPERATE NEED OF NEW PAINT AND THE PEELING ADDS TO THE HISTORIC CHARACTER OF THE BUILDING. HOWEVER, IT SHOULD BE CLEANED ROUTINELY TO AVOID DETERIORATING TO THE POINT OF NECESSARY REPAIR.



ROUGH SKETCH OF
JAMB SECTION



SCALE: 1" = 1'-0"

KEY

STUCCO

INSIDE OF WALL

NOTES:

♦ UNABLE TO TAKE MEASUREMENTS OF THE UPPER PORTION OF THE WIINDOW, SO THE DETAIL IS DRAWN USING ESTIMATES AND APPROXIMATIONS FROM PHOTOS AND MEASUREMENTS TAKEN AT THE LOWER PORTION OF THE WINDOW.

JAMES L WARD

COLLEGE OF CHARLESTON HPCP 299 FALL 09 HISTORIC PRESERVATION & COMMUNITY PLANNING

ASSIGNMENT NO. 8

DATE: 11/20/09

CISTERN GREEN BUILDINGS - RANDOLPH HALL
COLLEGE OF CHARLESTON

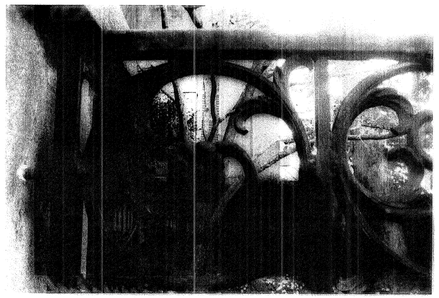
DRAWING TITLE: PEN DETAIL
N. PORTICO MAIN WINDOW (15)

SCALE: 1"=1'-0" | SHEET: 24" x 36"

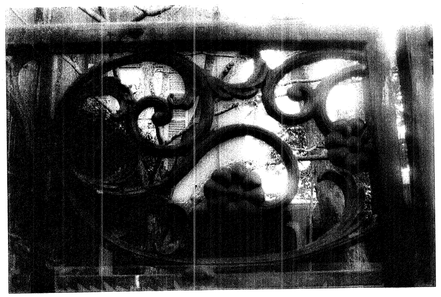
PREPARED BY: PATRICIA SHUMAN

REV.	DESCRIPTION	DATE	APPROVED

DETAIL A



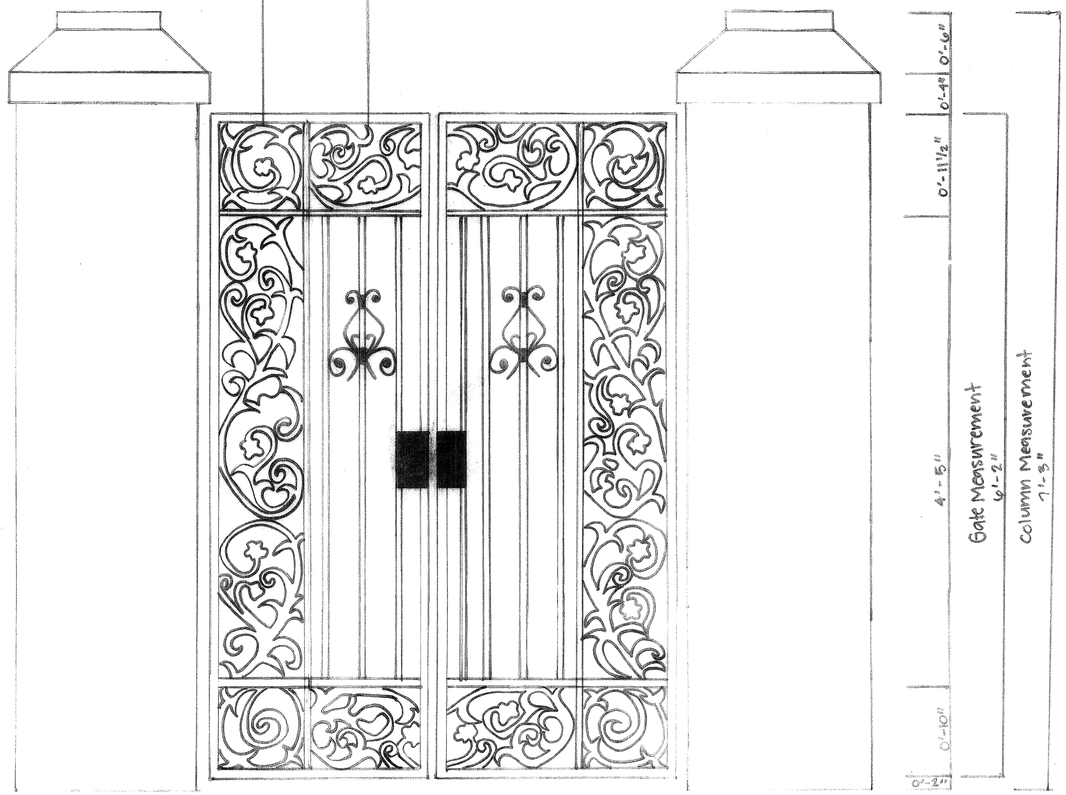
DETAIL B





DETAIL A

DETAIL B



RANDOLPH HALL SOUTH GARDEN GATE

Preservation Methods:

Repainting: All iron work should be painted both for decoration and for protection against corrosion. The old surface must be scraped and all rust removed. Burn off old paint or use a stripper, clean thoroughly with turpentine or paint thinner. Build up the new layers of paint.

Notes:

The Measurements of the cement columns were acquired using photographs, photoshop, and enlargement combined with measurements taken at the site. I did not have the correct tools to measure the length of the columns.

SCALE 1'-4½" = 1'-0"

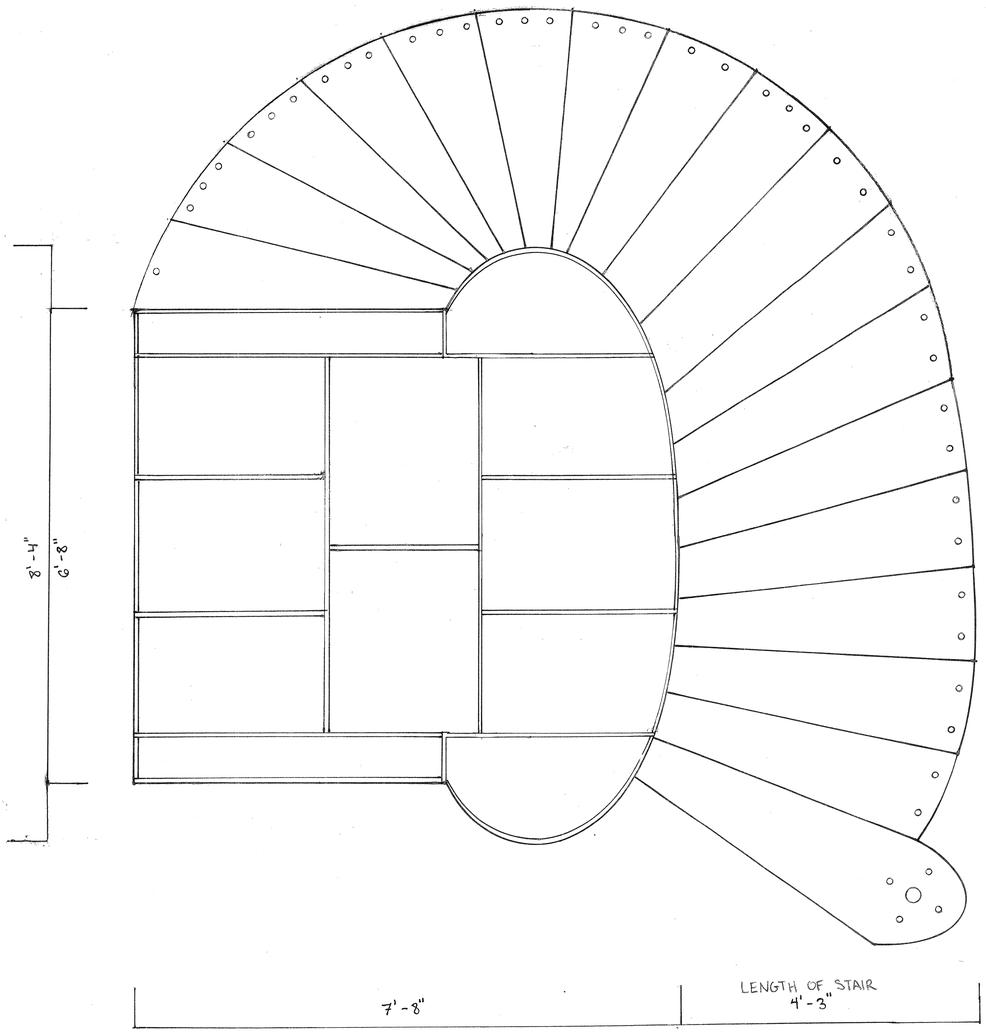
NORTH

JAMES L. WARD & RICK ROCKWELL COLLEGE OF CHARLESTON ARTH 299-SPRING 2008 HISTORIC PRESERVATION & COMMUNITY PLANNING	DRAWING TITLE: 16
ASSIGNMENT NO:	DRAWING PREPARED BY (TEAM/INDIVIDUAL): Frances Harris
DATE:	CLASS SECTION / SHEET

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

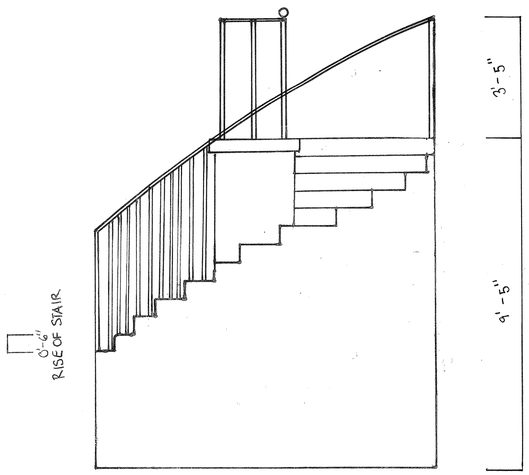
Randolph Hall Garden Stair Plan



0 3" 6" 9" 1' 2'

SCALE: 1" = 1'-0"

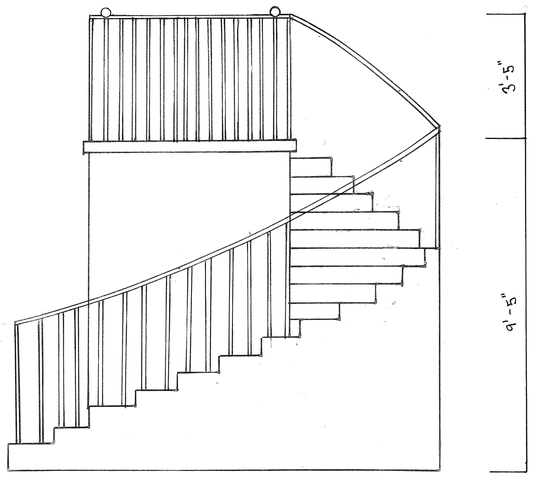
North Elevation



0 3" 6" 9" 1' 2'

SCALE: ½" = 1'-0"

East Elevation



Notes:

The garden stairs are located on the eastern façade of Randolph Hall. The stairs are made of stucco on brick with an iron railing. Like all stucco structures, assessments and repairs must be made periodically because stucco loses its bond overtime. The layers of stucco protect the brick, but are deteriorated in some places due to weathering. These particular sections of the stairs should be removed, repointed, and patched with corresponding stucco to maintain the historical integrity of the structure.

JAMES L. WARD
ASSISTANT PROFESSOR

COLLEGE OF CHARLESTON
ARTH 299-001 FALL 2009

HISTORIC PRESERVATION & COMMUNITY PLANNING

ASSIGNMENT NO: 6

DATE: 11/23/09

CISTERN GREEN BUILDINGS
COLLEGE OF CHARLESTON

DRAWING TITLE:

(17)

DRAWING PREPARED BY (TEAM/INDIVIDUAL):
ANNA SCHOETTLE

SCALE | SHEET

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED

EXPOSED

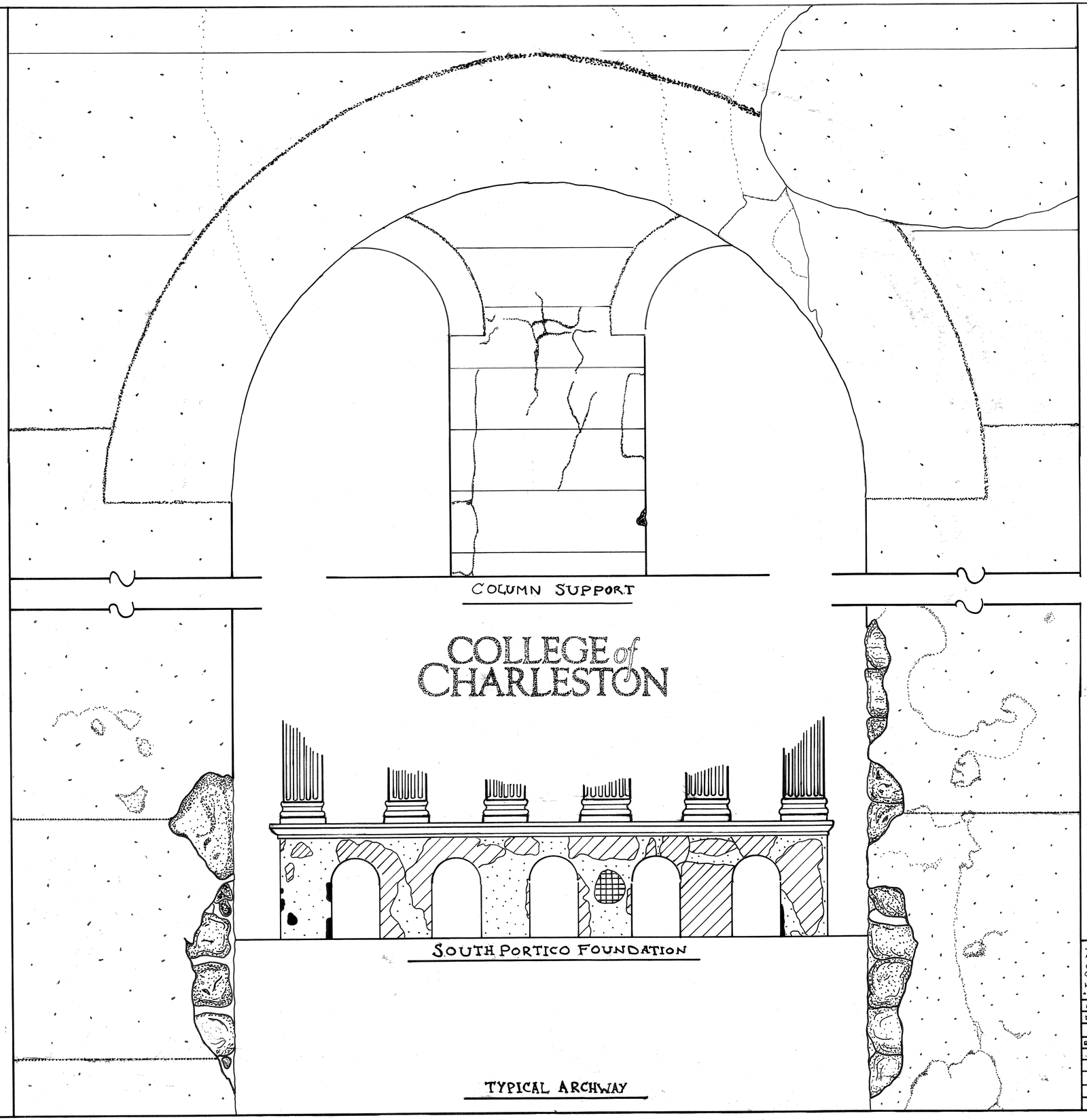
CLEARLY EVIDENT AREAS THAT ARE MISSING STUCCO SHOULD BE REPAIRED ALSO. IN EXPOSED AREAS ENSURE THE FOUNDATION MATERIAL IS NOT DAMAGED. IN THIS CASE ENSURE REPOINTING BRICK IS NECESSARY.

BULGING AND CRACKING

UNSOUND, PUNKY OF SOFT AREAS THAT HAVE LOST THEIR KEY WILL ECHO WITH A HOLLOW SOUND WHEN GENTLY TAPPED WITH A WOODEN OR ACRYLIC HAMMER OR MAILET SHOULD BE REPAIRED.

REPAIRED STUCCO:

REPAIRED STUCCO MAY HAVE CAUSED ADDITIONAL DETERIORATION, PARTICULARLY IF EXECUTED IN PORTLAND CEMENT, WHICH TENDS TO BE VERY RIGID, AND THEREFORE INCOMPATIBLE WITH EARLY LIME-BASED STUCCO THAT IS MORE FLEXIBLE.



COLUMN SUPPORT

COLLEGE of CHARLESTON

SOUTH PORTICO FOUNDATION

TYPICAL ARCHWAY

HISTORICAL, STUCCO ON BRICK

STUCCO ON BRICK DETERIORATION IS THE RESULT OF WATER INFILTRATION BY MEANS OF EXCESSIVE WATER DAMAGE, HUMIDITY, AND POOR DRAINAGE AROUND THE FOUNDATION. THESE ISSUES WILL CAUSE STUCCO TO LOSE ITS BOND AND PULL AWAY FROM ITS SUBSTRATE. NECESSARY REPAIRS TO THE BUILDING SHOULD BE MADE FIRST BEFORE REPAIRING THE STUCCO.

LEGEND

STUCCO

BRICK

EXPOSED

BULGING

REPAIRED

NORTH

0 4

1 8

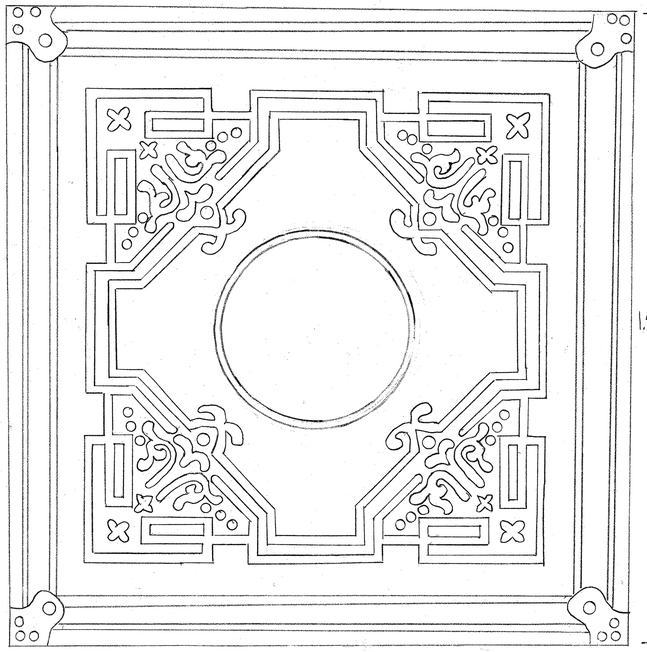
1/4" = 1"-0"

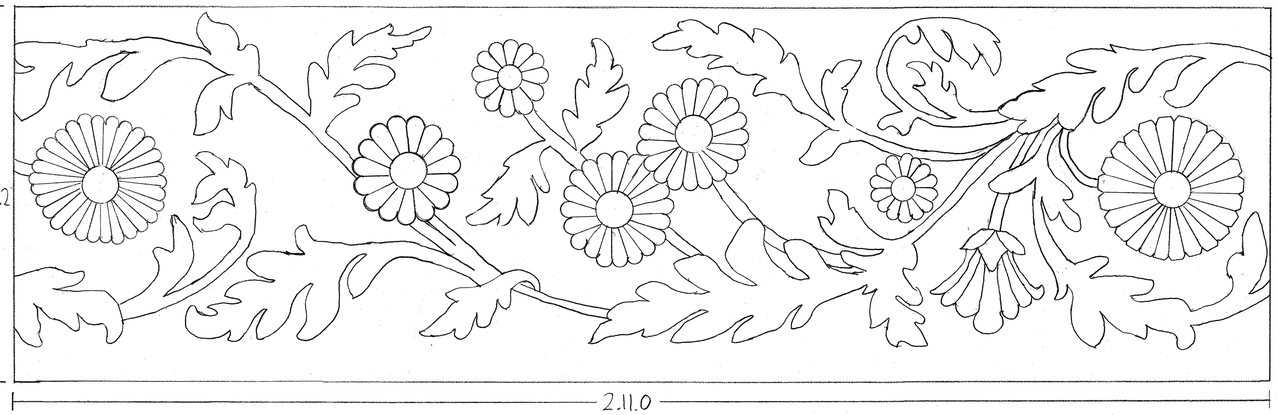
JAMES L WARD ASSISTANT PROFESSOR COLLEGE OF CHARLESTON HISTORIC PRESERVATION + COMMUNITY PLANNING	CISTERN GREEN BUILDINGS ARTH 299 FALL 09
ASSIGNMENT: 3	DRAWING PREPARED BY: KENNETH SPRAGUE
DATE: NOV. 23, 2009	SCALE: 1/4" = 1'-0" SHEET: 1

DRAWING TITLE: DETAIL DRAWING (18)

REVISIONS

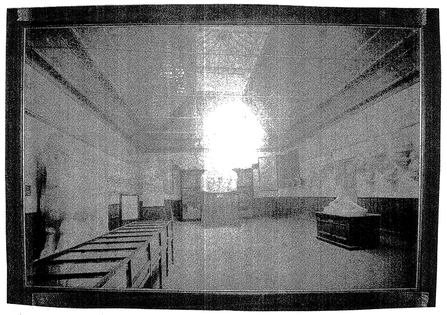
REV	DESCRIPTION	DATE	APPROVED

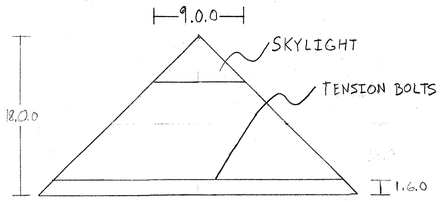


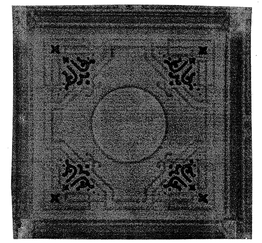


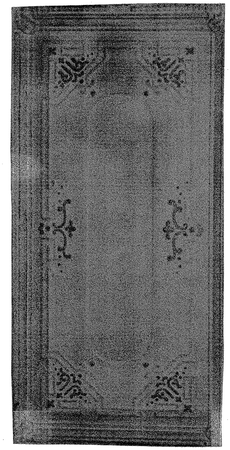
NOTES

1. Ceiling Tiles Are Constructed Out Of Pressed Tin
2. Measurements Are Approximate Due To Ceiling Being Too High To Reach
3. Ceiling Tiles only Corrently Exposed In One Room Of Third Floor Randolph Hall By Gradvate Offices





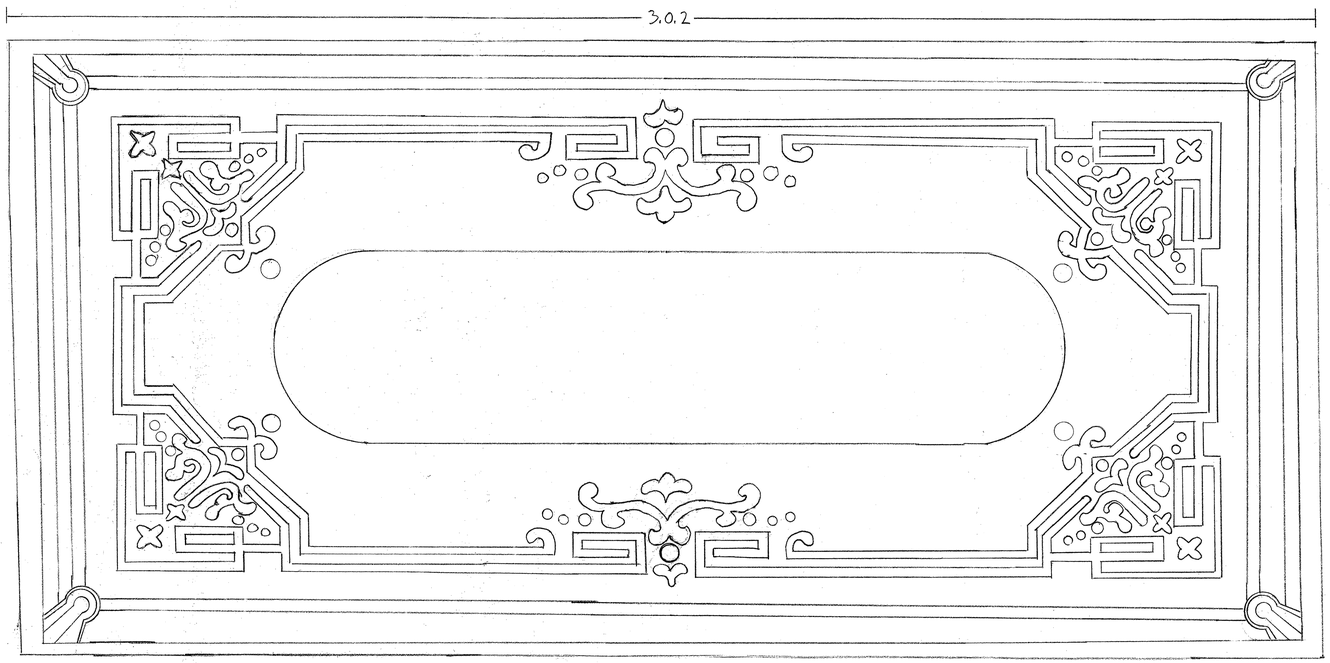


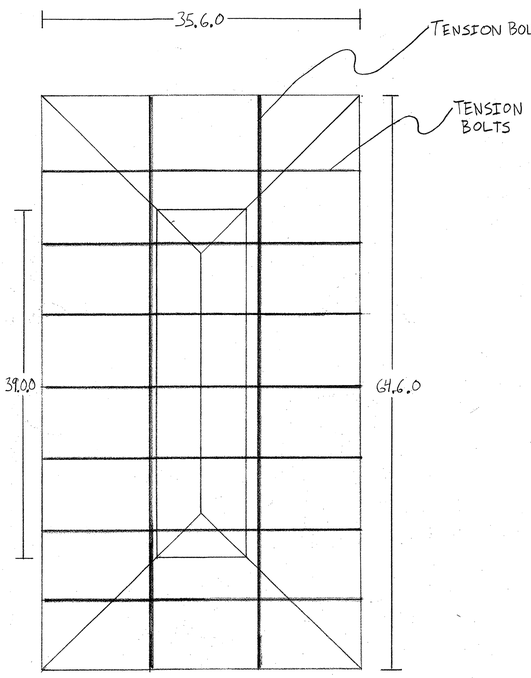




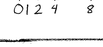
DETAIL SCALE
(IN INCHES)
1/2"=1"

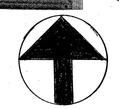






CEILING
PLAN
1/8"=1-0'





NORTH

James L. Ward Assistant Professor College of Charleston Arth 299-001 Fall 2009 Historic Preservation and Community Planning	Cistern Green Buildings College of Charleston
Assignment # 3 10/5/2009	Title: (M) Randolph Hall Third Floor Old Museum Ceiling Detail Prepared By: Ryan Cox Scale: 1/2" = 1"

Revisions			
Rev	Description	Date	Appr.