

Journal of the
Construction of the
Naval War College

Commencing Sept. 9th. 1891

Journal of Construction of War College

Reported for duty in connection with construction Sept. 9th/91
The outlines of the cellar and basement of the building was staked out Friday Sept. 11th. 1891.

Ground was broken by the Contractor on Monday Sept. 14th. 1891. and the excavation and blasting for the cellar and basement and trenches proceeded continuously from that time

On Sept. 24th, the trenches being completed down to the solid rock except in one place near the South East corner which was concreted the masons commenced putting in the foundation walls

On October 3rd the foundation walls were up to the finish grade line except upon the East and West Ends. The East end was left open to allow cartage into the cellar.

On October 7th, work was confined to levelling bottom of cellar and the erection of masonry for the foundation of the Entrance steps and porch. The supply of granite not arriving from Fall River general work of building delayed.

^{West end wall of building completed.}
October 8th - Work stopped on account of rain and threatening weather and delay in arrival of granite except levelling bottom of cellar.

October 9th - Work continued upon levelling of cellar and erection of foundation of steps
Progress of work delayed by non-arrival of granite from Fall River.

Saturday, October 10th 1891

Two scows loaded with granite began dis-
charging this morning. Sub-contractor ^{(B. Laity}
for erection of granite erecting derricks ^{W. Wilcox}
and preparing for laying stone. Work
continued, nearly completed on masonry for foundation
of steps. Excavations being made for
chimneys and parti-walls.

Materials on ground and unused
brick, sand and granite; also a small
quantity of Rocky bay stone, cement and
lime.

Monday, October 12th 1891

Foundation walls for steps & porches completed.
Excavating trenches for parti-walls. Putting
in foundations for parti-walls in west end of
building. Finished erection of derricks, Carpenters
at work making centering frames. At 1 P.M.
Commenced setting granite blocks on S.W.
corner of building. Hauling granite, bricks
and sand from wharf. A schooner load
of bricks arrived at Station and discharging.
Number of men employed 35 men - 5 teams.
C.H.S.

Tuesday - Oct. 13th 1891

Weather North easterly with showers.

Excavating trenches for parti-walls. Putting
in foundations for parti-walls, commenced
brick work on chimneys. Setting granite
blocks on north west and north sides

Rain interfering with work in the morning,
and work finally stopped at 11 A.M. for
the day - on account of rain with the exception of
four carpenters working in the shed at centering
frames and general work.

C.H.S.

Wednesday - October 14th 1891

Weather cloudy with northwesterly winds. Clearing
latter part of the day. Temp^r at noon 60°

Excavating trenches for part-walls. Putting in foundations
for part-walls. Continuing brick work on chimneys.
Setting granite on north and west walls. Carpenters fitting joists

Hauling granite, bricks and sand from
wharf. Digging trench for main drain directly South. Changed direction
of trench so as to lead to present outlet of S.D. was college building. About 100 ft trench dug.
Number of men employed. 47

Schooner discharging brick at wharf.

C.H.S.

Thursday, October 15th 1891

Weather overcast and southerly with showers. Temp. at
noon ——— at 2 P.M. 56°

In the morning erecting foundations for part-walls.
Commenced brick work on part-walls. Building west chimney.
Setting granite on South wall. Carpenters fitting joists
and painting window frames.

Hauling brick and sand from wharf.

Scow discharging sand at wharf.

At 11 A.M. Stopped work on building on account of rain for the day.

The trench for main drain pipe upon which work was stopped
yesterday was commenced without previous consultation with the
officers engaged in superintending the building, or the architects, and
led directly to a shallow water area full of sods. This morning the
new trench was begun leading to where a rapid tidal current

prevailed -

The four carpenters engaged in fitting joice etc were at work in the shed all day.

L.O.V.S.

Friday Oct 16th. 1891

Weather clear and westerly. Mild temperature. In the morning finishing foundations for party-walls. Erecting party-walls. West chimneys finished to first floor. At work on East chimneys. Setting granite on north and south walls. Putting in rubble backing to basement granite in southwest corner.

Digging trench for main drain to Rhone line.

Carpenters fitting joice and unnic frame work. In the afternoon continued the above work. Taken grading about foundation walls.

Scow discharging sand at wharf.

Hauling sand and brick from wharf and rubble and lumber from the town.

Number of men engaged in work on grounds - 48 -

L.O.V.S.

Saturday October 17th. 1891

Weather. Clear and mild. Westerly winds.

In the morning finished foundations for party-walls. Erecting party-walls. At work on Southeast chimney. Setting granite

on South wall. Putting in rubble backing to basement granite on South and West walls. Digging trench for main drain to shore line. Carpenters at work fitting frames and joice. Labourers grading about foundation walls.

In the afternoon the above work was continued. Summary of work for week - Steps foundations completed. Foundations for party-wall completed - Basement granite set on half of South wall and on West wall, partly on North wall - Party-walls in course of erection. Rubble backing being put in back of granite. Main drain trench dug. Carpenters fitting joice. Scow discharging granite at wharf.

Hauling sand and granite from wharf, lumber and stone from the town.

Number of men at work on grounds. 46

C.H.S.

Monday October 19th, 1891

Weather cloudy and threatening. Wind northwesterly

In the morning engaged in erecting party-walls. Finished work on South east chimney. Setting granite on South wall. Putting in rubble backing on South wall. Working over under steps. Digging trenches for house drain. Carpenters at work fitting frame

In the afternoon engaged in the above & setting granite on North wall, putting in rubble backing on North wall.

Hauling granite from wharf. Lumber from town. Number of men at work upon grounds 50.

C.H.S.

Tuesday Oct. 20th. 1891

Weather North Easterly with heavy rain,
shifting in the afternoon to South westerly
wind and clearing.

With the exception of a small gang
of Carpenters, the work has been suspended
to-day on account of the rain.

A scow load of granite arrived at
the wharf.

C. H. S.

Wednesday Oct. 21st 1891

Weather Westerly and North westerly.
Clear and cool.

At work with full force in the morn-
ing - Erecting parti-walls, setting granite
on the north, south and west walls.
Digging trenches for house drains. Fitting
joice and centering-frames for windows.
Putting in rubble backing and fitting in window frames.
Scow at wharf discharging granite.

In the afternoon - the above work continued
Hauling material - No of men at work - 51

Thursday Oct. 22^d C. H. S.

Weather cloudy and mild with
westerly and north westerly winds.

At work in the morning with full
force of men - Erecting parti-walls, setting
granite on north and south walls. Putting
in rubble backing and arching over windows
and steps. Fitting in window frames

for basement. Preparing to fit frames and lay joice
for first floor on west end. Basement granite
laid on west half of building. Bricking up
inside of main chimney. Digging trenches
for outside drains. Hauling lumber, material
and hoisting engine upon grounds.

Grante scow discharged and left.

Number of men at work — — — 54

Commenced laying joice for first floor.

Rain commenced at 11.50 A.M. At 12 work
was suspended for the day on account of the rain with
the exception of a small gang of carpenters laying and
fitting joice and frame work.

L.H.S.

Friday, Oct. 23^d.

Weather stormy, blowing heavily, raining and
snowing. Clearing latter part of the day. With
the exception of a gang of carpenters of eight
men work suspended during the day on account
of the weather.

L.H.S.

Saturday, October 24th, 1891

Cool and strong wind from the N.W. Clear.

At work with full force in the morning. Erecting
parti-walls, setting granite on north, south and
East walls. Putting in malle backing. Laying joice
on west end of building and putting on rough flooring.
Getting trenches ready for laying drain pipes. Laying

Tuesday Oct. 20th. 1891

Weather North easterly with heavy rain,
shifting in the afternoon to South westerly
wind and clearing.

With the exception of a small gang
of Carpenters, the work has been suspended
to-day on account of the rain.

A scow load of granite arrived at
the wharf.

C. H. S.

Wednesday Oct. 21st 1891

Weather Westerly and North westerly.
Clear and cool.

At work with full force in the morn-
ing - Erecting part-walls, setting granite
on the north, south and west walls -
Digging trenches for house drains. Fitting
joice and centering - frames for windows -
Putting in rubble backing and fitting in window frames.
Scow at wharf discharging granite.

In the afternoon - the above work continued
Hauling material - No of men at work - 51

Thursday Oct. 22^d C. H. S.

Weather cloudy and mild with
westerly and north westerly winds.

At work in the morning with full
force of men - Erecting part-walls, setting
granite on north and south walls. Putting
in rubble backing and arching over windows
and steps. Fitting in window frames

for basement. Preparing to fit frames and lay joice
for first floor on west end. Basement granite
laid on west half of building. Bricking up
lining inside of main chimney. Digging trenches
for outside drains. Hauling lumber, material
and hoisting engine upon grounds.

Gravite scow discharged and left.

Number of men at work — — — 54

Commenced laying joice for first floor.

Rain commenced at 11.50 A.M. At 12 work
was suspended for the day on account of the rain with
the exception of a small gang of carpenters laying and
fitting joice and frame work.

L.H.S.

Friday, Oct. 23^d.

Weather stormy, blowing heavily, raining and
snowing. Clearing latter part of the day. With
the exception of a gang of carpenters of eight
men work suspended during the day on account
of the weather.

L.H.S.

Saturday October 24th 1891

Cool and strong wind from the N.W.^d. Clear.

At work with full force in the morning. Erecting
parti-walls, setting granite on north, south and
East walls. Putting in malle backing. Laying joice
on west end of building and putting on rough flooring.
Getting trenches ready for laying drain pipes. Laying

Saturday Oct. 24th. (Continued)

tenacotta drain pipe. Continued the iron pipe
fuzgusked and several joints of tenacotta pipe with broken flanges.
Cheam load of brick discharging at wharf.

In the afternoon work commenced
as above and continued until 2 P.M.
when the bricklayers and stone masons
stopped work on account of the employ-
ment of ~~two~~ non-union men. Laborers
and carpenters continued work.

Summary of work performed during the
week ending Oct. 24th, 1891 -

All the party-walls running East and west
erected upon west half of building. Basement
granite laid upon west half of building
and backed with ~~granite~~ rubble. Several
^{of basement granite} courses laid upon the East half of building.
Windows and their foundations arched over in
west half. Main trenches outside of building
dug and main drain pipe laid. Beams laid
for first floor on west half and under flooring
partly laid. Window frames fitted in west
half of basement walls. Building flues for
main chimney.

C.H.D.

Monday Oct. 26th 1891

Weather cloudy with showers. Wind westerly.

Work partially suspended on account of strike on part of the bricklayers and masons. A small gang of bricklayers at work on party-walls. Carpenters laying joice. Laborers grading and getting granite in place. Digging drain pipe trenches; laying drain pipe outside of building. Granite work and work on rubble backing entirely suspended.

Schooner unloading brick at wharf
Hauling lumber, pipe and bricks.

About twenty men at work.

L.H.S.

Tuesday, Oct. 27th 1891

Weather cloudy with rain early part. Clearing at 9 A.M. A small force of bricklayers at work on party-walls. Small gang of masons laying granite. Laborers getting granite in place. Laying drain pipe outside of building. Carpenters laying under flooring and at work on joice. Plumbers joining iron pipe. Work still affected by strike of masons & bricklayers.

Schooner finished discharging brick.

At 2.15 P.M. Schooner ^{with} a load of lumber came alongside wharf.

About twenty five men at work during day.

L.H.S.

Wednesday Oct. 28th, 1891

Weather cloudy and cold. Wind northerly. Morning. Bricklayers laying party-walls. Masons laying granite on North and South walls. Laying drain pipe outside of building and through drain holes in walls. Laying flooring and getting beams of first floor in place. Lining main

Wednesday, October 28th (Continued)

Chimney with brick. Working going on as before the strike with the exception of a smaller force of men engaged upon granite work and rubble backing.

Schooner discharging lumber at wharf -
Slow with arrived at wharf -
Hauling brick, lumber & pipe upon
pounds.

In the afternoon working as above and
Commenced putting stone rubble back of
North wall.

At 1 P.M. the following men commenced
digging and grading back of the North
side of building being employed by direction
of the Bureau of Navigation see letter
in letter book received Oct. 26th 1891
from Bureau. Men digging at North East corner
John Wact, leading man
Joseph Bradford, laborer
Harry Wright, laborer.
Entire number of men at work - 39.

C. N. S.

Thursday October 29th 1891

Weather cool and clear. Temp. at 9.30
50° -

In the morning bricklayers constructing
parti-walls. Two gangs of masons laying
granite on East and west walls. Laying drain
pipe outside of building and through

South wall. Laying flooring (under) and beams for first floor. Backing basement granite with rubble. Wal College laborers grading and excavating in rear of building - see names yesterday's journal.

Work going on about as before strike.

Slow finished discharging sand; Commenced laying water table on north west corner; Basement granite laid with exception of few stones. Park-walls nearly finished. Plans and under flooring of first floor about two-thirds laid.

Number of men at work on grounds as follows:

Contractors men	— — — —	41	{ John West leading Joseph Bradford laborer Henry Wright "
Bureau's men	— — — —	3	
Total		44	

Oct. 3.

Friday, October 30th, 1891

Weather clear and mild.

In the morning bricklayers at work on park-walls and sides of areas. Masons backing up granite work with rubble. No granite work being set on account of error in cutting water table and some missing stones.

Continuing work on drain ditches. Fitting window frames in basement. Carpenters fitting frames and building sheds over material.

Wal College laborers (see names above) digging and grading about building.

Schooner at wharf discharging lumber

Number of men employed

Contractors men	— — — —	40
Bureau's men	— — — —	3
Total		43

Oct 3.

Saturday Oct. 31st 1891

Weather clear and mild.

At work on arches over windows and
step foundations. Backing granite
with rubble, laying granite on north
and east walls. Fitting pipe and frames
laying drain pipe, erecting sheds over
material. Grading about building by
Wm Colley men. See names preceding.

Basement granite finished, beams and
under flooring first floor three-fourths
laid. Part walls almost completed.

Number of men at work

Contractor	—	40
Burras men	—	3
Total		<u>43</u>

Shoors of lumber and scow with granite
alongside wharf—

L.A.S.

Monday Nov. 2nd 1891

Clear and cool.

Masons at work upon part walls and
chimneys. Granite masons laying water table
on north wall. Backing basement granite with
rubble. Plumbers at work on lead and
drain pipe. Carpenters fitting frame and
laying beams of first floor. Laborers
grading about building.

In the afternoon in addition to the above

Monday Nov. 2nd 1891 (Continued)

The masons commenced laying granite above water table on Northwest corner.

Hauling lumber and granite from wharf. Schooner discharging lumber from wharf. Hauling stone from quarry for concrete of cellar.

Number of men at work

For Contractor — — 44

- Bureau &c — — 3

{ John Walt
Jos. Bradford
Harry Wright.

Work progressing well.

L.H.S.

Tuesday Nov. 3rd 1891

Weather clear and cold. Wind northwesterly.

Bucklayers at work upon party-walls and the backing of first story granite. Granite masons laying first story granite on north side. Backing Southeast corner of basement granite with rubble. Plumbers finished iron pipe on beach to low water mark and at work on drain pipe inside the building. Carpenters at work on beams and under flooring of first floor and at work fitting framework and beams. Two laborers and a teamster with team at work making roadway in front of building.

Hauling lumber and sand from wharf. Schooner discharging lumber.

Number of men at work

For Contractor — — 42

- Bureau — — 3

{ Joseph Bradford
Harry Wright
John Prime

45

Work progressing satisfactorily.

L.H.S.

Wednesday Nov. 4th, 1891

Clear and cold. Delayed work half hour this morning as thermometer stood below 34°.

Bricklayers at work backing up granite work on West side. Granite masons laying wall of first floor on West side and S.W. corner. Mason putting in rubble backing ^{of basement granite} in South East corner of Plumbos at work upon drain pipe inside the building. Carpenters at work fitting frames and beams. Two laborers and a teamster at work filling roadway in front of building.

In the afternoon bricklayers also on part-walls. Granite masons laying granite upon South wall.

Schooner discharging lumber at wharf.

Number of men at work

For contractor	45	} 2 laborers 1 teamster
On roadway	3	
	<hr/> 48	

Thursday, Nov. 5th, 1891

Cloudy and cool. Wind from the N.E.

Bricklayers at work on part-walls and chimneys. Granite masons laying water table on South wall. Putting in rubble backing of basement granite. Carpenters at work laying beams and underpinning of first floor, which is approaching completion; also at work upon frame work and partitions. Two laborers and a teamster at work on roadway in front of South side of building.

Schooner left the wharf. Now discharging

granite at wharf.

Number of men at work

for contractor 44

on roadway — 3

47

10185

Friday Nov 6th, 1891

Weather northerly with showers.

Bricklayers finished party walls. Engaged in backing up first story granite wall. Granite masons laying granite in south wall and south west corner, first story granite. One stone mason putting rubble backing of basement granite at southeast corner. Beams of first floor laid, under flooring of first floor laid excepting southeast corner. Carpenters at work fitting frames, beams and partition frames. Plumbers at work upon drain pipes (waste pipes) in cellar. Two laborers and a teamster at work upon roadway in front of building.

Scow discharging goods at wharf. Hauling lumber, granite, lime, sand, cement &c to the grounds.

Men at work

for contractor 44

on roadway 3

47

10185

Saturday Nov. 7th, 1891

Clear and cool - wind north westerly.
Bricklayers engaged in backing up granite
Granite masons laying walls of first story
on South side. Finished rubble backing of
basement granite. Finished beams and
under flooring of first floor. Carpenters at
work on flooring and frame work. Plumbers
finished rain and waste pipes for the present.
Suspended work on grading & roadway for
the present - Getting

Men at work — 44.

6th 5

Monday Nov. 8th, 1891

Cloudy and misty - mild.
Bricklayers engaged in backing up granite
on South wall. Granite masons laying
walls of first story upon north and East
sides. Carpenters at work fitting frames
and joice. Laborers at work in cellar
levelling ready for concreting.
Number of men at work 46

Tuesday, Nov. 10th, 1891

Cloudy, misty & mild - Wind South westerly -
Granite masons laying walls of first story upon
North side. Bricklayers at work backing up
granite and upon chimneys. Carpenters at
work fitting frame work and joice. Laborers

at work levelling in cellar.

Hauling window frames, lumber &c upon the grounds.

Number men at work 48

C.H.S.

Wednesday Nov. 11th, 1891

Cloudy with fresh breeze from S. E. Weather mild with showers of rain. In the morning work was as follows. Granite masons laying walls of first story on west and north walls. Bricklayers backing up granite and finishing all chimneys to first floor. All party-walls finished. Carpenters at work fitting beams, frame work and cupola. Laborers levelling cellar floor ready for concreting. Three derricks and steam hoisting engine in operation.

Steam lighter discharging granite at wharf. Hauling granite, sand, lumber, and lime upon grounds. Tacking steam discharging granite.

Number of men at work — 48

C.H.S.

Thursday Nov. 12th 1891

Clear and warm.

Granite masons laying granite on north wall. About 11 AM. runner of derrick carried away breaking down several courses of granite between window and doorway of N. W. quarter, breaking flooring, joist, and part of chimney.

Bricklayers backing up granite work, building areas & chimneys. Carpenters at work finishing beams & frame work, erecting cupola. Stone builders fitting framework for stairs. Granite scows finished discharging

Stones. Painting window sashes

Number men at work — — 48

C.B.S.

Friday Nov. 13th, 1891

Granite masons laying stone of first story walls on north and west sides. Bricklayers working up areas and laying area steps, and backing up granite work and building inside lining of main chimney. Carpenters at work fitting framework, beams and at work on main cupola. Stair builders at work putting up stairways in East end.

Men at work — 48

Weather clear and mild.

Saturday, Nov. 14th, 1891

Weather clear and pleasant.

Granite masons laying stone of first story walls on north and south sides. Working the level for the second floor on north west and south west corners. First story walls well advanced all around building. Bricklayers engaged in backing up granite walls. All brick work in basement and basement areas finished. Carpenters at work building Observatory fitting frames, beams &c. Painter painting window sash. Stair builders at work on basement stairs.

Granite Steam Saw discharging granite at wharf.

Hauling Amboy brick and granite on the grounds.
Number of men at work. 48

20th, 1891

Monday Nov. 16th, 1891

The following memorandum report as to expenditures of Contractor was received by me this morning - Dated Nov. 14th.

Excavation	- 850.00
Stone in foundation	3875.00
Lumber, brick, cement	4720.80
Basement-Brick masonry	- 1050.00
155 window frames	- 775.00
Drain pipe & laying	- 350.00
Cut granite	- 5000.00
Total	- \$16,620.80

Bills were made out ~~by me~~ for first and second installments of contract price 12% for two-tenths of amount \$2,875 less 10 per. ct.

Weather cloudy and mild. Night showers in afternoon.

The work progressing satisfactorily in the morning and afternoon.

Granite masons laying granite walls of first story upon north and south sides, three derricks in operation. Bricklayers backing granite with brick wall and erecting chimneys above the first floor on west end. Carpenters putting up frame work of first story at west end, ~~putting~~ and beginning to lay beams of second floor. Stone builders at work getting slabs and supports ready. Granite and Perth Amboy bricks arriving on ground.

in considerable quantity.

Labourers on War College at work grading
in rear of building.

Number of men at work

For Contractor	—	51
- War College	—	2
Total	—	<u>53</u>

L. T. J.

Tuesday, November 17th.

Strong wind from South. Cloudy, threatening but mild.
Granite masons laying granite on north and
south walls. First story walls finished on
western end. Bricklayers backing granite
and erecting chimneys on west end. Carpenters
erecting frame work, partitions and laying floor
beams and under flooring, — in western end.
Steel builders at work getting steels ready
for erection.

Labourers at work excavating in rear of
building until noon.

Number of men at work

For Contractors	—	53
- War College	—	2
Total	—	<u>55</u>

At 4 P.M. stopped work on account of
rain losing three-quarters of an hour

L. T. J.

Wednesday November 18th, 1891

Weather clear and cold. Delayed commencing work until 7.45 this morning temperature being below 34° F. Wind strong from westward.

Granite masons laying wall of first story on East End. Bricklayers backing up granite. First story walls three-fourths finished. Carpenters putting up first story frame work and partitions and laying beams and under flooring of second floor. Stair builders putting up first story stairs.

Number of men at work on ground 53

C.H.S.

Thursday, Nov. 19th, 1891

Weather clear and cold. Delayed commencement of work until 7.45 on account of a temperature below 34° . No. wind in morning.

Granite masons completing first story walls in East End. Carpenters laying floor beams & under flooring of second floor. Putting up frame work, studding partitions &c of first story.

Bricklayers laying brick backing and erecting chimneys. Stair builders at work on stairs to second floor.

Hauling granite, lime, lumber & cement.

Number of men at work on ground - 56

C.H.S.

Friday Nov. 20th 1891

Clear mild weather.

At work on second story walls of
College building at west end. Bricklayers
erecting chimneys. Carpenters laying beams
under flooring also erecting partitions
& frame work of first story.

Granite scow discharging at wharf. Sand
scow also unloading. Hauling granite, sand
& lumber upon the ground.

Then at work on grounds - 55

C.T.D.

Saturday Nov. 21st 1891

Cloudy, misty & mild.

At work on second story walls of building
at west end. Bricklayers backing granite and
erecting chimneys. Carpenters laying flooring
of second floor & erecting partitions & frame
work of first story. Also putting in window
frames. Granite & sand scows discharged
& left. Second floor finished excepting beams
& flooring of East lecture room which awaits
placement of steel girders.

First story walls finished with the exception of a gap
over one window. 2nd floor beams laid and under flooring
on with exception of floor over library which is
delayed by non-arrival of steel girders. Second
story walls up on west end to half way up

Second story windows. Frame work, partitions of first story nearly completed. Most of chimneys carried to second floor, stairs with rough heads carried to second floor excepting part end. Fitting trusses and frame work on ground for ~~second~~ & third stories.

Strengthened 1st floor beams under northwest end where damaged by fall of wall last week by putting additional beams spiked to original beams and setting on basement partitions.

Building more than three tenths completed.

Men at work -

R.H.S.

Monday Nov. 23^d 1891

Cloudy & mild. Wind from the west.

At work upon second story walls of building at west end. Backing granite work with brick wall. Building east chimneys to second floor. Carpenters at work upon partitions and frame work of first story, putting in window frames, and fitting second story frames, trusses and third floor beams upon the ground.

Men at work on grounds 54.

Scow discharging sand. Forwarded bills for \$2 payment upon building.

R.H.S.

Tuesday Nov. 24th 1891

Cloudy & mild. Fresh & strong wind from S.W.

At work on second story walls in center of building. Building east chimneys to second floor. Carpenters at work on frame work. Getting steel girders in place over library.

Have scow discharging granite & steel girders. - Chf Engineer

S.P. Jones inspected gades & pronounced them of good workmanship & material.

Number of men at work — — 54.

C.H.S.

Wednesday Nov. 25th, 1891

Clear & pleasant. Wind from the west.

Granite masons at work on South side upon second story wall. Bricklayers backing granite work. Got over library window filled, steel gades in place, floor beams and under flooring laid over library, and second floor laid complete. Carpenters putting in window sash and at work on framing and cupola. Painters painting sash.

Number of men at work — 54

C.H.S.

Thursday Nov. 26th 1891

Weather cloudy & mild.

White Stone masons at work on second story walls at west end. Bricklayers backing up granite with brick wall & erecting west chimney at west end above second floor. Carpenters at work on frame work and placing in window sash. Sand stony walls at west end above windows.

Hauling granite, sand, lime & brick.

Number of men at work — — 47

Bills forwarded this day for fourth payment of contract price

C.H.S.

Friday Nov^r 27th. 1891

Weather clear & pleasant. Fresh wind from W^{est}
Masons laying upper courses of granite on second
story walls on South side and S. W. corner.

Bricklayers at work backing up granite work
and erecting west chimney above second floor.
Carpenters at work on framework.

Men at work on ground - - 47

lets

Saturday Nov. 28th. 1891

Wind southerly & S. W. with showers and threat
of heavy weather.

On account of the weather no granite setting done and
but two hours of brick laying. Carpenters at
work upon framework - Hauling granite from
wharf, masons tubes getting stone on ground
in proper place - Putting in ~~the~~ window frames.

Steam saw with cargo of granite unloading
at wharf.

Work progressed as follows to - date -

First story walls finished and backed, second floor
beams and under flooring laid throughout. Second
story walls all up at west end but two last courses,
half way up on South side and ^{also} on North side except
North East corner; East wall of second story not up -

Most of second story frame work and partitions and
third story framework prepared for fitting. All
of the granite arrived from quarry

Number of men at work - 27

lets

Monday Nov. 30th 1891

Weather clear & cold. Wind NW. by -
Temperature below 34° until 11 A.M. when
it having risen mason work was begun upon
south west corner of building. Carpenters
gang at work upon framework and putting
in sheeting in frames of windows. Hauling
brick & granite from wharf. A schooner laden with
brick discharging at wharf.

At 2.30 P.M. stopped all mason work the
thermometer having fallen below 34° - Total work
on masonry $2\frac{1}{2}$ hours. In the afternoon Carpenters
hauling studding on framework.

Number of men at work - 25

Copper gutters, galvanized iron waste pipes & flues secured on the
grounds. C.H.S.

Tuesday Dec. 1st. 1891

Weather clear & cool. Wind westerly.
Temperature below 34° until 8 A.M. when
the masons began work.

Laying granite on south side and west end
of second story walls. Bricklayers backing the
granite work on south side and at work
on west chimney. Masons dressing granite
about north windows. Carpenters at work
fitting framework of roof and putting in
furring for laths also fitting window frames in
first story. Hauling bricks and granite
from wharf. Sash arriving from Phil-
adelphia. All of granite now on

grounds but for the steps and gable ends.

Schooner at wharf discharging brick.

Number of men at work - 37.

C.H.S.

Wednesday Dec. 2nd. 1891

Weather clear and mild with fresh S.W. wind.

Granite masons laying wall of second story upon the north and south sides of building. Bricklayers backing granite and erecting chimneys above the second floor. Stone cutters dressing granite at windows. Carpenters preparing rafters and frame work of the roof and putting in window sash and nailing studding in first story. Hauling granite and brick from wharf.

Forwarded bill of contractor for extra compensation due to change of site to Bureau direct. (See letter book)

In afternoon began putting up frame work of 2nd story at west end.

Number of men at work. - 40

C.H.S.

Thursday Dec. 3rd 1891

Weather misty & mild - Calm in the morning -

Granite masons laying stone on second story walls on north & south sides. Second story wall completed at west end. Bricklayers backing granite and erecting chimneys above second floor. Carpenters putting up frame work for second story and laying 3rd floor beams at west end.

A certificate was received and filed

this day from the Penwood Iron works
Philadelphia Penna. stating that the steel
girders in place on floor of East lecture
Room would bear 62 000 lbs. or
160 lbs per sq ft. for a uniformly distributed
load.

In the afternoon commenced laying the under
flooring of the third floor at west end.

State ~~reports~~ for health - received upon ground -

Number of men at work on ground - 50

L.H.S.

Friday Dec. 4th. 1891

Cloudy with South Easterly winds, mild.

Quartz masons setting Stone on north
and south sides of the second story walls.

Walls completed excepting gables on west
half of building.

Bricklayers erecting chimney above
2nd & 3rd floors on west end also backing up
granite walls.

Carpenters putting up second and third
story frames and flooring at west end
and preparing rafters and roof timbers
for erection at that end.

At 2 P.M. the first rafter for roof of west
end was raised.

Light at wharf discharging

Number of men at work on ground - 55

L.H.S.

Saturday Dec. 5th, 1891

During last night a heavy gale with severe gusts of wind blow from the S^o & E^o. About ten o'clock in the evening in a final gust about forty feet of the South wall of the second story of the College building blew in, carrying away the beams and flooring of the first and second stories. A close examination of the remaining wall has been made by the architect. And ~~a~~ portions bordering the part blown down have been ordered removed. Various frame structures, pump house and storage sheds were also blown down. It is roughly estimated this morning that the damage will amount to one thousand dollars and delay about two weeks.

All the workmen, except a few carpenters who are at work upon the west end, engaged clearing away the debris and preparing to lay the beams and flooring during the morning.

In the afternoon the debris being cleared away found a portion of ^{one of} the party-walls in the basement carried away. The stone masons were engaged in removing the South stone wall to the East of the gap caused by wind on account of deflections and separations between brick and granite. 2nd floor where carried away retaid with beams and flooring extended for 3rd floor.

Continued laying ^{2nd story} wall on North side of building in central portion. A small gang of carpenters at work upon roof & rafters on the west end, Bricklayers at work upon chimneys and backing wall of granite upon North side.

Scow discharging sand at wharf.

Received ^{filed} a report from architect in regard to accident. Sent telegram and written report to Museum concerning the accident of last night. About 55 men at work C.H.S.

Monday Dec. 7th. 1891

In the morning wind southerly & southeasterly
Mild and raining hard. All work suspended
except a gang of carpenters putting in window
frames and a few stonemasons ^(cutting) fitting stone.

Steam scow with ~~granite~~ granite at
wharf discharging. Hand scow discharged.

C. H. J.

Tuesday Dec. 8th. 1891

Weather clear & cool. Wind northwesterly.

At 7.30 granite masons commenced laying
lower courses in centre of south wall where
section of wall was carried away ^{also} and coping
on south wall, (Gusset half) which was
taken down on Saturday because struck out
of place.

Bricklayers at work on chimneys on west
end up to roof rafters and also backing granite
wall on south side.

Carpenters putting in bridging ^{between} ~~under~~ floor beam
that replaced those carried away, putting in second
story partitions on west half & rafters & roofing at west end.

Granite scow discharged. Hauling granite
from wharf. Slops & gables. Granite & sand scows
left the station.

The architect Mr. G. C. Mason Sr. made a close
examination of south wall to east & west of gap
made by the wind. Found the walls plumb and in
good order except low of feet pier to west of central

window of second story which is to be taken down.
Number of men at work - 60 -

Letto

Wednesday, Thursday & Friday - 9th - 10th & 11th of Dec^r.

These three days are combined as ~~the~~ undersigned was sick on Wednesday & Thursday.

The weather during these three days was exceptionally fine and the work progressed with great rapidity. The granite masons were engaged in laying the north wall to the coping which was finished on Friday morning also the east wall and the south wall where wall had blown down. This was still in progress on Friday morning.

The bricklayers were engaged in backing up granite masonry, closely following the new work, also erecting chimneys on west end above rafters and at work on brick partition in basement where it was carried away by falling stone last Friday night.

The Carpenters were engaged in putting up rafters which now extend over most of the west half, also putting up frame work and partitions in center and east half. Partitions frame work of third story going up at west end. The staff was raised on west end with colors on Thursday afternoon.

All of the granite has been received upon the ground and in addition various moldings, panings, railings etc for windows, roof, skylights etc.

Average number of men engaged at work during the past three days 13.

C. N. J.

Saturday Dec. 12th 1891

Weather cool and pleasant. Cloudy.
Temp. 40°. Wind. Westerly

In the morning Granite masons at work on East wall which was finished to coping at 10 A.M. and on South wall which was finished ^{but one stone} to coping at 3 P.M. thus finishing the building as far as the main walls to coping leaving the front & rear gables and steps to be finished.

Bricklayers backing granite and at work on chimneys

Carpenters engaged upon second story framework and partitions and flooring and beams of third story also at work upon rafters, skylights and roof framing.

Hauling granite from wharf.

Men at work. 64

Left

Monday Dec. 14th 1891

Clear & mild. Wind W. In the morning, Granite masons putting device over S.W. gable. ~~ready to erect it.~~

Bricklayers erecting chimneys on East & West Ends. Two chimneys finished on West End. Carpenters getting up framework of second story all of 3^d floor beams laid, backing third story framework at East End and getting ready to erecting rafters and roof framing at S. East End.

In the afternoon Granite masons commenced laying stone on main chimney and on North Central window and gable.

→ Carpenters at work on rafters of East end of building and also framework for two new East lecture rooms, also laying third floor and framework of second story. Painters painting window frames. Hauling granite from wharf.

Men at work

64

J. H. S.

Tuesday, Dec. 15th. 1891

Cloudy & cool with light showers & flurries of snow -

Granite masons working on North gable & window, and South gables. Bricklayers backing up gables and erecting chimneys.

Carpenters erecting rafters on East half and putting up framework of third story and putting in bridging of partitions of second story. East Mastiff in place -

Hauling sand from wharf -

Men at work on grounds - 60.

C. H. S.

Wednesday Dec. 16th.

Showery. Work delayed in morning by rain -

Granite masons at work upon North gables. Bricklayers finished part-wall in basement and erecting East Chimneys. Carpenters erecting rafters & getting up staging for copper workers. Hauling sand & brick on grounds -

Men at work 65

C. H. S.

Thursday Dec. 17th 1891

Weather clear & cold with strong N. W. wind.
Temp. at 10.30. 28° F. All work on masonry
& brick laying suspended.

Carpenters at work on rafters & framework
of roof and third story.

Hauling brick.

Number of men at work 35

C.H.S.

Friday, Dec. 18th 1891

Weather clear & cold. Light N. W. wind.
Temp. at 10.30 26° - Mason work & brick laying
suspended in the morning.

Carpenters at work on rafters and partitions.
Putting up shidding on first story. Getting ready
to put cupola and East skylight frames in
place.

In the afternoon the weather became
warmer. Started at work laying granite on
S. W. gable and brick layers at work erecting
East chimneys. Getting copper gutters in place, west end.

Number of men at work - 40

Sent to office of Commandant Trainwigs
Native bills for the payment of fifth and
sixth installments of contract for erection of
Coe College building.

Hauling yellow pine flooring upon the
ground.

C.H.S.

Saturday Dec. 19th. 1891

Clear & cool. Wind NW.

Masons erecting south gables. Bricklayers backing up gables and erecting East Chimneys.

Carpenters erecting rafters, boarding over roof and getting cupola and iron stairs to cupola in place. Putting copper gutters in place along the eaves of the roof. Fetched weather vane. Number of men at work 47. Finished gable on South West-End. LOTT J.

Sunday Dec 21st. 1891

Masons shifting cornice and erecting South center gable. Bricklayers at work on East Chimneys.

Carpenters erecting cupola, getting up frame work about cupola and lecture rooms, putting up dormer windows and boarding in roof. Getting up copper gutters. Plumbers getting soil pipes in place.

No men at work 66

Tuesday Dec. 22nd 1891

Weather mild and foggy with southerly wind very light. Masons finishing front center gable and at work on South East gable. Erecting foundations for north steps. Bricklayers backing granite work and filling in with mortar behind eaves of roof. Getting copper gutters on eaves of roof.

Carpenters at work on cupola, on roofing back of gables on dormer windows and on rough covering of roof. Plumbers getting soil pipes in place. Electrical workmen getting ready for wiring inside of partitions. Painters at

work on leading pipes from gutters and on
various wood work.

Number of men at work 68

CMS

Wednesday Dec. 23^d 1891

Weather rainy first part of morning.
Clearing latter part. Early morning work
generally suspended. Commencing later
when granite masons commenced work upon
North & S. W. steps and upon S. E. gable.

Carpenters at work on gable windows,
roof and capitol. Plumbers at work upon
soil pipes.

Number of men at work - 68

CMS

Thursday Dec. 24th 1891

Weather rainy first part. Clearing latter part
of morning.

Granite masons at work on steps. Bricklayers
backing up step granite work. A small gang of

Carpenters at work on sash and dormer
windows. Plumbers at work on soil pipes.

In the afternoon set in rain again and
work generally suspended.

CMS

Dec. 25th. 1891

Work generally suspended. A small gang of men
(Carpenters) at work on dormer windows, Christmas
day - C.H.S.

Saturday Dec. 26th 1891

Weather foggy and drizzling. Carpenters
at work on dormer windows and capota.
Copper smiths at work on gutters and
on leading pipe from gutters. Plumbers
at work upon soil pipes.

C.H.S.

Monday Dec. 27th, 1891

Weather clear & cool. Wind northerly.

Granite masons at work on stone steps on South
Side. Carpenter at work on dormer windows on
South Side, upon capota & upon roofing. Plumbers
at work on soil pipes inside. Copper smiths at
work on gutters and leaders outside.

In the afternoon mortar, Portland cement, sand,
lumber and slates material was brought upon the
ground.

C.H.S.

Tuesday Dec. 29th, 1871.

Walter in the morning southerly, cloudy & mild.
Granite masons at work erecting S. W. steps.
Bricklayers backing up granite work of central steps.
Carpenters covering in roof with boarding.
and finishing the last of the dormer windows.

Plumbers at work on soil pipes changing
lead to opening in roof higher up. Copper
workers connecting leaders with main
gutters. Slates getting material together.

Receiving upon grounds, lumber, brick
sand, slate and slates material.

In the afternoon finished dormer windows
and commenced putting on slate on north west
corner. Raining after three o'clock in
the afternoon.

Number of men at work - 53.

C.H.S.

Wednesday Dec. 30th

In the morning wind at first S. W. with heavy
rain. Clearing with N. W. wind in afternoon.
A gang of carpenters at work made up
frames & partitions. Plumbers at work on
inside soil pipes. Electric wire men getting
light wires in place. Masons at work on
S. W. steps. Roofing on the building with
the exception of a few planks.

C.H.S.

Thursday Dec. 31st. 1891

Weather clear & cold. Wind North west.

Granite masons at work on S.W. steps. Brick layers at work in afternoon backing up granite inside S.E. steps. Carpenters at work on roofing, upon cupola and upon skylights. At work inside upon partitions bracing and shudding. Electric wire men leading light wires. Slates at work on South west part of roof.

Hauling slate and lumber.

Number of men at work. 54.

C.T.S.

Friday Jan. 1st 1892

Weather mild & pleasant

Granite masons at work upon central steps. Brick layers at work and finished Northwest chimney.

Carpenters at work upon cupola, skylights, inside panning and shudding. Slates at work upon roof.

Making stages & scaffolding for work on main chimney.

Getting scuttles in place.

Hauling slates etc upon ground

C.T.S.

Saturday Jan. 2nd. 1892.

Weather mild & cloudy. Wind S.E. by.

Granite masons at work upon central steps. Brick layers at work upon main chimney. Carpenters at work on outside skinning of cupola, upon skylights, inside frame work and shudding and upon wooden suttances at east & west ends.

Slates at work upon roof upon Northwest end. Turning over flat side of roof. Electric wire men running light

wires through building. Painting around base of
capotas. At 2 P.M. commenced raining heavily outside
work suspended.

Building covered in, slating began on Wnd end. Capota finished. Skylight
frames in place. S.W. steps finished &c. C.H.S.

Monday July 4 - 1892

Clear & cold. Wind westerly.

Granite masons at work on Central steps.
Bricklayers not at work. Carpenters at
work on skylights, upon doorways, ~~and~~ parietals
and shavings inside and upon the fitting of
window frames. Metal workers putting up
leaking pipes from outside gutters. Slaters
at work upon roof at west end. Finning
flat of roof along ridge. Electricians putting
in light wires. Carpenters meeting wooden
basement entrance at east end.

Tuesday July 5th 1892

Clear & cold. Wind westerly.

Granite masons at work on S. E. steps. Brick
layers not at work. Carpenters at work
on skylights, upon bridging and studding inside,
upon window frames and upon covering to
Eastern Entrance to basement. Slaters at
work upon roof at west end. Electrical
workmen putting in wires for bells & lights.
Finished tinning flat of roof, ^{between capota & skylights} gutter heads,
and Central steps.

Hauling lumber & laths on ground.

Putting glass in skylights in afternoon. Bonding
inside of S. E. steps. C.H.S.

Wednesday Jan'y 6th, 1892

Weather cold and snowing, wind north west.
Suspended outside work on account of the weather.
Carpenters at work on inside studding and framing
fitting window frames. Electrical workmen on light
& bell wires. Lathers commenced lathing west
lecture room and east third floor chambers. Slaters
stopped work at 9. A. M.

Number of men at work - 43.

Let's.

Thursday Jan'y 7th, 1892

Wind westerly. Clear & cold. Outside work generally
suspended in the morning.

Carpenters at work inside upon framing,
placing window frames and at work on cupola.

Electrical workmen on light & bell wires.

Metal workers glazing skylights. Lathers putting
on laths upon west lecture room and third
story rooms on east side. Carpenters at work
on east entrance to basement. No slaters
frank men at work in morning.

Insurance policy for \$50,000 forwarded
this day to Bureau of Navigation from
Contractor.

In the afternoon commenced work on
the S. E. steps (granite men) and upon
the wooden porches for Central & S. W. steps.
Finning flat of roof.

Let's

Friday; Jan. 20. 1892

Clear & cold. Blew very much in the afternoon.

Granite masons at work upon S. E. steps
Bricklayers lining N. E. steps with brickwork.

Carpenters at work upon Central & N. W.
porches, upon partitions, ~~and~~ furring inside
and setting window frames on 2nd & 3rd
floors. Finishing Western entrance to basement.

Slaters at work on roof upon N. W. side -
Metal men finished glazing skylights and
tinning flat of roof. Electrical workmen
putting in wires. Lathers lathing on
third floor of building.

Forwarded a letter today asking for
authority from Bureau to make changes
in building - finishing & boarding in
third story & putting up mantels in
men rooms in quarters also to take out
standing basins.

C. H. J.

Saturday Jan. 21. 1892

Weather cloudy & mild. South westerly wind.

Granite masons at work on N. E. steps flashing
of gables. Bricklayers at work on N. W. steps.

Carpenters at work upon Central & S. W. porches.
upon partitions, framing windows and furring.

Slaters at work on north side of roof - Metal
workers at work on joints of East & West
End and tinning flat of roofs. Electrical

workmen putting in light wires. Lathers putting
on laths upon second and third floors. Masons working on
main chimney hauling laths upon ground.

The state of the work in the afternoon showing the progress
during the week was as follows.

About one-fifth of the roof was slated, all of the South steps
were finished and the porches partly finished upon the S.W.
and Central steps. Masons at work on N.E. steps. Skysights
finished and glazed. Partitions, Studding and door frames
nearly completed inside. Most of the window frames in
place. Finning of flat of roof about completed. All
leading pipes finished and gutter work completed.
Wiring for electrical lights and bells finished on 3^d
floor and nearly completed upon second floor. East
basement entrance completed and West basement
entrance well advanced. Work continued upon main
chimney. Lathing well advanced upon second and
third floors.

C.A.S.

Monday Aug. 11th. 1892.

Weather cold and snowy. Wind N. Ely.

Granite masons placing blocks of stone for N.E. steps.
Carpenters at work upon frames and studding and
S.E. and Central steps. Outside work generally
suspended. Lathing going on inside and
commenced mixing of plaster for brown mortar
in Central basement. The wiring for lights & bells progressing.

Building closed in at doorways and by sheeting
coverings inside of all window frames.
Hauling laths and lumber

C.A.S.

Tuesday, January 12th, 1892

Weather drizzling, hazy and misty. Outside work generally suspended in the morning with the exception of placing the N.E. steps by the granite masons. Carpenters at work upon inside studing, door framings and furring. Lathers at work in second story lathing. Mortar being mixed in central basement. Electrical wire sub-contractors putting in light & bell wires. Mixing hair for plaster. Hauling laths upon grounds.

C.H.S

Wednesday Jan. 13th, 1892.

Weather misty & rainy. Wind S.W. & S.W. by. Outside work suspended in the morning. N.E. steps finished last evening. Carpenters at work upon partitions and door framings. Lathers at work on second story lathing. Mortar being mixed in central basement. Electrical workmen putting light & bell wires. At work on S.E. steps in afternoon. Hauling laths

C.H.S

Thursday Jan. 14th, 1892

Weather mild foggy. Wind S.S.W. Granite masons at work on N.W. steps. Bricklayers at work on steps and inside windows upon second floor. Slates at work upon roof at west end. Carpenters at work upon outside

porches, upon door & door framing and furrings
inside. Lathing second floor. Electrical workmen
wiring for light & bell wires. Mixing mortar in
basement.

C. H. S.

Friday Jan. 15th -

Weather rainy North & north easterly weather.
Outside work suspended. Carpenters at work
upon door framing. Lathing second floor.

C. H. S.

Saturday Jan. 16th

Clear & Calm. Wind northerly.

Slaters at work on North Side of roof. Carpenters
at work upon door framings and shudding. Lathers
at work upon 1st and 2nd stories. Electrical work
men at work upon light wires on 1st floor.

Insulators at work upon roof of East basement
Entrance. Masters mixing mortar in central
basement.

Progress of work during week. Outside steps finished
Slating of roof has continued as weather allowed.
S.W. and Central porches finished in woodwork. Work
of the framework finished inside. Window frames in
place. Lathing finished on 3rd floor excepting the
rooms now unfinished which are heading the deck
of the dome. Lathing in staircases brushed & most

of second floor. Electrical wiring nearly finished
C.H.S.

Monday, Jan. 18th, 1892

Weather cloudy & misty, southerly winds. Occasional
thunders.

Slating west end of roof. Erecting porches on S. E.
and North sides. Getting up partitions in
basement. Lathing on 1st & 2nd floors.
Running electrical light & bell wires.

C.H.S.

Tuesday, Jan. 19th, 1892.

Weather in the morning cloudy & misty. Wind
N. by E. & S. W. by.

Slating west end of roof, about one half completed.
Erecting North & S. E. porches. Bricklayers at
work upon main chimney. Tin-smith commencing
to tie roof of the observatory. At
work upon partitions of basement.

Lathing 1st & 2nd floors. Commenced plastering
on third floor at west end.

C.H.S.

Wednesday, Jan. 20th, 1892

Weather clear & cold after a snowy night. Wind N. by.

Outside work suspended, snow on ground & roof.

Lathing upon 1st & 2nd floors. At work upon partitions
of basement at west end. Caulking around window
frames. Electrical workmen running wires

on 1st floor & basement.

No plastering. This in west end to dry plastering.
Plastering of stairway, + of finished room in attic frozen.

C.H.S.

Thursday Janig 21st 1892

Weather clear & cold. Wind westerly. No
outside work but small force of slates upon north side of
roof.

Carpenters at work upon partitions in cellar
and also studing.
Plastering going on in attic and 2nd floor.

This at west end. Running electrical wires in
basement. Lathing in first floor.

In the afternoon commenced with a strong
force of slates. Finishing porch roof.

C.H.S.

Friday Janig 22nd 1892

Weather clear & cold. Wind S.W. Beginning with
slates at work on roof finishing ridges of west
end. Finishing the roof of the observatory.

Carpenters at work upon partitions and studing in
west basement. Platers at work upon 1st & 2nd floors.

Masters at work upon 2nd floor. This in west
end. Running the electrical wires in basement.

C.H.S.

Saturday Jan. 23^d 1892

Clear & mild - Wind S.W. by.

Carpenters at work upon ~~north~~ porches and upon partitions. Joiners at work upon roof of Observatory. Lathers at work upon first floor. Plastering rooms of second floor at west end. Concreting basement floor at west end. Running electrical wires in basement. In the afternoon finished the ~~white~~ brown plaster upon the 2^d & 3^d floors of western set of quarters and commenced plastering on first floor. Slates at work upon roof.

At end of week the following progress has been made upon building. About three fourths of the roof has been slated, all of the woodwork of the Southern porches have been finished and the Northern porches are well advanced. All of the framework ~~is~~ finished except in the central and Eastern basement. Lathing finished in the western set of quarters excepting the basement and unfinished part of third floor. In the remaining part of the building lathing about two thirds finished. Electrical wiring of the building almost completed. Joining of the roof of observatory finished. The brown plastering put on in the rooms of the 2^d & 3^d floors of the western set of quarters. Main chimney advanced as the temperature permitted. Commenced concreting basement floors of west end. Outside work finally suspended upon Wednesday & Thursday on account of the cold.

C.H.S.

Monday July. 25th. 1892

Clear & mild - Wind S. W. by.

Carpenters at work upon north porches and outside moulding of windows - Lathes at work upon first floor - Plastering the western lecture room. Concreting western basement. Lathing north east portion of roof - Fitting sash Hauling window sash on ground.

C. H. J.

Tuesday July. 26th. 1892

Clear & cold. Strong N. W. winds.

Carpenters at work fitting sash. Lathes at work upon 1st & 2nd floors. Plastering western lecture room & first floor of western quarters. Concreting western basement. Small force of slaters at work upon east part of roof. Outside work suspended in the afternoon on account of cold.

C. H. J.

Wednesday July 27th

N. W. wind.

Clear & very cold. All outside work suspended. Small force of carpenters putting up partitions for extra room in attic. Lathing in first story & basement. Concreting basement.

C. H. J.

Thursday July 28th

Clear & cold. Morning milder. Wind S. of W. by.

Slaters at work upon west end. Lathes at work in west basement ^{in attic} and upon first floor. Plasterers at work upon first floor of western ^{set of} quarters. Joining observatory roof. Putting up partitions in attic for extra room. Concreting basements of western set of quarters. Putting up framing on N. W. basement.

C. H. J.

Friday, July 29th. 1892

Cloudy & mild. Wind Wly -

Status at work on Eastern part of roof.
Lathers at work on 1st floor, and in west attic
Plasters at work in offices of 1st floor in
College proper. Carpenters fitting window sash
Concreting basement of western set of quarters.
Painting observatory roof. Tanning S.E. porch.
In the afternoon practically completed
slating main roof, leaving the sides of
the dormers to be completed.

C.H.S.

Saturday, July 30th. 1892

Cloudy & cool. Wind N.Wly -

The slating of roof completed. Status engaged upon slating
sides of dormer windows. Lathing ^{basement &} attic rooms in
western quarters and upon 1st floor. Plasters
at work upon offices and halls, western half
of 1st floor College proper. Carpenters fitting
window sash. Concreting basement of S.E. quarters
Tanning northern porch

In the afternoon plastering in basement and attic of S.W.
house. S. dormer windows finished. 8th offices in
1st floor finished.

C.H.S.

Monday Feb. 1st, 1892

Cloudy & mild - Wind S.W.

Slates at work slating sites of dormer windows. Lathers at work in West basement & upon attic and first floor. Plasterers at work upon Offices and corridors of West half. College proper upon 2nd floor. Carpenters putting in window outside on window. Concreting Eastern basements.

C.N.S.

Tuesday Feb. 2nd, 1892

Cloudy & mild - Wind light & Nily -

Slates finishing dormer windows. East side - Lathers at work in West basement and Western rooms & corridors first floor in College proper. Plasterers at work in College library, in West basement and in Western attics of Quarters. Carpenters at work on Western entrance to basement. Painters painting skylights, finials & cupola.

C.W.

Wednesday Feb. 3rd 1892

Cloudy & rainy. Wind Nily.

Slating finished. Lathing ^{N.W.} basement and first floor of College proper. Plastering ^{S.W.} basements, N.W. attics. Carpenters putting up partitions in Est basements. Concreting Est basement. Finishing roof of W^{est} basement ~~entrances~~ and along gables

C.N.S.

Thursday July 4th 1892

Clear & mild. Wind N.Wy -

Lathing S.E. quarters and N.W. basement,
also upper stair way cornice proper. Replaster
in N.W. quarters where plastering has
been posted. Plastering offices and rooms
in cornice proper on first floor at East end
of Corridor - Putting up partitions in
Eastern basements. Finning in upper
and porch roof. Painting south porch id.

C.H.S.

Friday July 5th 1892.

Clear & mild. Wind N.Wy -

Lathing East quarters. Plastering main stairway of
Cornice to top. Putting up partitions in East base-
ments. Finning cupola deck and ridge of
dormer windows. Painting skylights & porches.
Went from station during day.

C.H.S.

Saturday July 6th 1892

Clear & cold. Wind N.Wy.

Lathing East quarters. Plastering basement of
N.W. house. Putting up partitions & shudding of
East basements. Concreting West end of
Central basement. Finning ridge of gables &
dormer windows.

C.H.S.

At end of week - following progress made. Finished staling
dormer windows. Finished lathing everything above basement
but East lecture room and attic in Eastern quarters. Finished
brown plastering Western set of quarters and cornice proper

with the exception of basement and East Lecture Rooms.
East & west basements concreted, Concreting central
basements. Painted south porches, skylights and cupola
roof. Finning north porches, West basement entrance and
flashings and ridges of dormers and gables. Carpenters
putting on outside dash mouldings and erecting partitions
in Eastⁿ basements. Force of men reduced awaiting
the completion of plastering.

C. H. S.

Monday Feb. 8th, 1892

Weather cloudy, rain & mild - Wind W by
clearing in the afternoon.

Lathing attic rooms Eastⁿ quarters, ^{East Lecture room} Plastering
in N. E. attic rooms. Carpenters fitting window
sash. Insulators at work upon flashings and
ridges of gables & dormers. Concreting central base-
ment. Putting up framing in central basement.

Commenced putting on the hard white finish upon
South westⁿ quarters, third story. Receiving sand.

C. H. S.

Tuesday Feb. 9th, 1892

Weather cloudy & mild. Wind light variable
Lathing in S. E. quarters and Eastⁿ lecture rooms. Plastering
3^d story in Eastern set of quarters. Putting on white
hard finish upon 3^d story Western set of quarters. Carpenters
at work upon wood work in upper loft. Insulators at
work upon flashings and dormer ridges.

C. H. S.

Wednesday Feby. 10th. 1892

Clear & cold. Wind N. W. by.

Lathing East Lecture room. Plastering second floor of Eastern quarters. Putting on hard white finish of upon Cupola of West lecture room. Lathing flashing and sashes. Painting South porch. Putting boarding over attic room 3^d floor

C.H.S.

Thursday Feby. 11th. 1892

Clear & cold. Wind N. by. Snowing & raining - No outside work going on.

Lathing S. E. basements. Plastering in East lecture room and second floor of quarters. Putting on hard white finish upon Cupola of west lecture room. Boarding over unfinished rooms in attic. Commenced putting down finished flooring in N. W. set of quarters.

C.H.S.

Friday Feby. 12th. 1892

Clear & cold. Wind N. W. by.

Lathing S. E. basement. ^{+ opening to quarters} Finished plastering East lecture room. Finished white coating West lecture room. White coating S. W. quarters. Putting flooring in N. W. & S. W. quarters in third floor. Laying cross pieces for floors in East & West basements. Finished boarding over attic rooms.

C.H.S.

Saturday July 13th 1892

Clear & cold. Wind N.W.

No outside work. Lathing basements S.E. end. Plastering first floor Eastern set of quarters. White coating rooms on 2nd floor S.W. quarters. Putting down floor timbers ~~in~~ basements.

C.H.S.

At end of week following progress made. Finished lathing attics and East lecture room also S.E. basement. Finished brown plastering Eastern set of quarters but basements. Finished brown plastering East lecture room. Gave halls and two attic rooms in Western quarters hard white finish also two rooms in S.W. quarters and also the West lecture room.

Finished tuning gables and dormers and putting on flashings. Carpenters finished partitions and furring in Eastern quarters. Put down upper flooring in NW & SW ^{3d floor} room in Western quarters and also in part of passage ways. Boarded over unfinished attic rooms. Small force of Carpenters and Plasterers employed.

Week ending July 13th 1892.

C.H.S.

Sunday July 15th 1892

Clear & cool. Wind N.W.

No outside work. Lathing in N.E. basement. Plastering in S.E. basement. Putting on white coat in rooms in Western set of quarters. Putting up partitions and furring in Central basement. Finding that the tin required by specification was not used in building a ^{staple} ~~staple~~ ^{metal} from architect was called for ✓ of given in letter

Book.

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Tuesday Feb. 16th -

Clear & cold. Wind N.W.

No outside work. Lathing in N.E. Basement.
Plastering in N.E. Basement. Putting on white coat
upon rooms of 2nd floor of Western set of quarters
Putting down upper flooring in S.W. quarter. Putting
up partitions and studding in Central basement -
CWS

Wednesday Feb. 17th 1892

Clear & very cold. Wind N.W.

Contract agreement as to changes referred to in
my letter ^{of the 8th Jan.} to the Commandant was received this
day signed by Contractor.

Prize given for

Working up divisions between quarters

& finishing four additional rooms

Materials	385.00
Labor	490.00
Total	875.00

Placing & setting four additional mantels of simple
design in each set of quarters

Materials	180
Labor	250
Total	430.00

Placing spring faucets under all spouts

Materials	- 65
Labor	- 27
Total	92

Grand Total - 1397.00

Deduct omission of set basins
in chambers of each quarter \$20 Ea -

80.00

Total cost of changes - \$1317.00

Wednesday July 17th (Continued)

Lathing in central basement. Plastering (brown) in N.E. basement. Putting on white plastering upon secondnd floor rooms of western set of quarters. Putting down upper flooring in rooms of 2nd & 3rd floor in western quarters. Carpenters at work shaping lumber for wash trays.

W

Thursday July 18th

Clear & cool - Moderately

Lathing in central basement. Plastering in central basement. Putting on white coat in rooms and halls of first floor in western quarters - Putting down upper flooring in rooms of 2nd floor western quarters. Carpenters at work also in making wash trays. Hardware & water pipes being received. L.H.S.

Friday July 19th 1892

Clear & mild. Wind Wly.

Lathing in central basement. Brown plastering in central basement. Putting on white plaster in N.W. quarters on first floor. Putting down upper flooring on 2nd story western quarters. Making wash trays for quarters. Putting up partitions in central basement upon north side.

Forwarded to Commandant Training Station approved bills for 7th & 8th payments upon contract for building

Saturday Feby. 20th. 1892

Weather cloudy with Easterly winds.

Lathing in Central Basement. Brown plastering in Central basement. Putting on white coat in Western quarters on 1st floor and in basements. Making dumb waiters for quarters. Putting up partitions on north side of Central basement. Commenced laying floor of S. West basement. Received plumbers material & glazed window sash.

At End of week following progress made -

All lathing and brown plastering finished except in Central basement, which is about half done. All of the western set of quarters white coated except, N. W. basement and small portions of 1st floor S. W. quarters.

Carpenters finished partitions in Central basement. Upper floor partly laid, also hearth stones in second western set of quarters. Commenced laying floor in S. W. basement. Finished wash trays and partly finished dumb waiters. Glazed sashes and a quantity of plumbers materials received in building and on grounds.

C. H. S.

Sunday, Feby 21^o

Wind N. E. by. Mild cloudy.

White coating in Eastern quarters & in N. W. basement. Plumbers commenced work on water pipes. Carpenters putting in oak pulleys. Brown plastering basement in Central portion.

C. H. S.

211
Tuesday Feb 23^d 1892

Weather cloudy with spots of snow and rain, mild -
At work brown plastering in central basement. Putting
on white coat on third floor of Eastern set of quarters.
Carpenters at work putting window sash pulleys, and setting
dumb waiter in S.W.ⁿ quarters. Plumbers at work on
water pipes and making connections in Eastern bath rooms.
Received additional glazed cash and plumbers material.
In the afternoon putting on white coat in the Eastern
lecture room and at work upon floors in Western quarters.

C.H.S.

Wednesday Feb. 24th 1892

Weather mild. Wind N.W.
At work brown plastering in central basement. Putting
on white coat upon second floor of Eastern quarters and on
Eastern lecture room. Putting down flooring in various
parts. Plumbers at work making connections in Eastern
bathrooms. At work upon dumb waiter S.W.ⁿ quarters.
C.H.S.

Thursday Feb. 25th 1892

Cloudy & mild. Wind N.W.
At work brown plastering in basement of central
portion. Putting on white coat upon 2nd floor of Eastern
quarters and upon College library. Putting down flooring
in Western quarters & in West lecture room. Plumbers
at work in College lavatories. Increased force of carpenters.
Having specifications sent in with three proposals.

C.H.S.

Friday Feb. 26th 1892

Clear & very mild - Wind N.W. -

Brown plastering and concreting in central basement - Putting on white coat in hallways of Eastern set of quarters and in College library. Putting down flooring in various parts of the building. At work on dumb waiter - Western quarters Plumbers at work in lavatories and in basement bath rooms and laundries -

C.H.S.

Saturday, Feb. 27th 1892

Cloudy & cold. Wind N.E. -

Finishing central basement. Putting on white coat upon first floor Eastern set of quarters, also in offices second floor College proper. Putting down flooring in library of College. At work upon finish in West lecture room ^{Capola.} Receiving flooring for building - Putting down floor timbers in central basement. At work on dumb waiters

C.H.S.

At end of week following progress made.

All lathing and brown plastering finished except in end of corridor in central basement. All of the western quarters white coated and ~~most~~ of Eastern quarters finished excepting parlors of ~~N.E. quarters~~ and the basements of ~~both~~. Put on white coat upon East lecture room, College library and front offices upon second floor of College proper.

Upper flooring laid in Western set of quarters except lower hall and bathroom ^{upper parts of E. quarters.} in lecture rooms and ^{part of} in College library. Dumb waiters in western set of

quarters nearly finished. Wash trays up and outlet connect-
ions made in western quarters. Connections made for
outlets in various bathrooms and lavatories. Continued
concreting of central basement. Commenced putting in
water piping in N.E. end of building.

Monday Feb. 29th. 1892

Cloudy & cool. Wind N.E. -

Concreting central basement. Completing lathing
in central basement also pulling down floor timbers.

Putting on white coat in parlors of Eastern quarters
also upon stairs of second floor of college proper.

Putting down ^{upper} flooring in Eastern quarters. At
work upon dumb waiters and wash trays of western
quarters. Plumbers at work upon lavatory and
bath room connections. Completing library flooring
in College proper. Slight settling noticed in front
corner of college proper due to early weight of observation.
Putting down flooring of western quarters in lower hall. Fitting
weights in window sash. Received flooring, plumbers
materials and window sash weights.

Litt. S.

Tuesday March 1st 1892

Stormy, snowing & raining. Wind northeasterly.

Putting in walls for fixtures central basement also concreting and
laying floor timbers. Putting white coat ~~up~~ in Eastern
basements of quarters. And upon Corridor and rooms of second
floor of college proper. Putting down upper flooring in first
floor of Eastern quarters and upon halls of lower floor of
western quarters. Plumbers at work upon water pipes
in basements of Eastern quarters. Hanging windows
in western quarters. Several leads in roof noted. - C.M.S.

Wednesday, March 2nd 1892

Overcast & snowing. Wind northerly.

Finished lathing - Putting on hard white finish in N. E. basement, upper stairway hall of College proper and in offices of lower floor of College. Hanging window sash throughout the building. At work upon dumb waiter Eastern set of quarters. Putting down upper flooring in S. E. basement and in offices of second floor College proper. At work upon water pipes in Central and York East basements.

C.H.S.

Thursday March 3rd 1892

Overcast, snowing very hard from N^o & N^o E^o - snowing.

During the day - The hard white finish was completed in N. E. basement. Continued hard white finish in stairway hall and rooms of 2nd floor of College proper. Hanging window sash. Putting down flooring. At work upon dumb waiter Eastern quarters. Lathing water pipes in basement.

C.H.S.

Friday March 4th 1892

Clear & mild. Wind N.W.

Continuing hard white finish in stairway hall and first floor of College proper. Putting down flooring (upper) in College proper. At work upon dumb waiter in Eastern quarters. At work upon water pipes in basement &c. Received quantity of lath.

lots and plumber's materials. Capt. Mahan visited
Friday. S. E. basement smoked. C. N. J.

Saturday March 5th

Clear mild. W. wind

Finished brown plastering in basement. Giving white coat
to offices & corridors upon best plaster. Laying paper
Laying upper flooring in office proper & in N. E.
basement. Plumber putting in water pipes.
Received a quantity of plumber's materials

C. N. J.

Sunday March 7th. 1892

Clear & mild. W. wind

Finished white plastering above basement. Giving
one plastering of basement of S. E. quarters which
was badly smoked by an open fire. Laying
upper flooring in lower floor of college proper.
Plumber running water pipes through the
building. Received large quantity of finish for building.
Leads in roof over S. lecture room. C. N. J.

Monday March 8th 1892

Cloudy & damp. N. E. wind

Putting down upper flooring in halls of Eastern
quarters & in corridor of first floor of college proper.
Putting on white coat in central basement. Plumber
making connections with bath tubs and running
water pipe through the building and outside of
N. E. end. Carpenter getting finish in proper

size and shape for going on. Additional finish
and doors received -

CWS

Wednesday March 9th

Cloudy mild & foggy - Calm

Finishing basement white coat. Putting
on finish in western quarters. Leading
water pipes throughout building. Drawing up
specifications for water supply

CWS

Thursday - March 10th

Clear & mild. Wind variable.

Finishing white coat in basement - Closing
up passage ways between quarters and
C.M.E. Connecting and leading water
pipes throughout building. Putting on
finish in western quarters. Architect
inspected building - Drawing up specifications
for grading.

CWS

Friday - March 11th. 1892

Clear & cold - Wind strong from S.W. & W. -

Basement plastering finished - Plasterers
going over building in various places
Plumbers at work upon water piping
and connections. Carpenters hanging doors,
putting on window casings and finish
generally in western set of quarters and
west lecture room. Architect inspected building

CWS

5981. Saturday March 12th 1892

Cloudy & windy. J. W. Y.

At work putting on finish in western quarters, door
ways, doors, window mouldings, baseboards and shelves
in closets. Finishing West lecture room and South
Eastern quarters. Plumbers making connections
and setting traps and sinks in Eastern quarters.
No plastering.

B.T.D.

Resume' of work during week - No outside work -
All plastering has been finished - All of the upper flooring
has been laid with the exception of lavatories, bathrooms & central
basement. The water piping has been led throughout the
building. The boiler traps have been put in place throughout
the building and the outlet connections made. All
openings between College proper and quarters have
been closed and plastered.

The wood finish to doorways, windows and rooms
of western quarters is well advanced towards completion,
and under way in West lecture room and Eastern
quarters.

Monday March 14th. 1892

Clear & cold. Wind WNW.

At work putting on the finish in western quarters,
West lecture rooms and Eastern quarters. Laying
floor in central basement. Plumbers putting up
kitchen sinks and making water pipe connections.

C.A.J.

Tuesday, March 15th, 1892

Clear & cold. N. W. wind.

Putting down upper flooring in rooms of Central basement. Hanging doors, putting on window casings and wainscoting bath rooms in Western quarters. Putting on finish in East & West lecture rooms and in Eastern quarters. Plumber putting up kitchen sinks and making water pipe connections.

L. K. S.

Wednesday March 16th

Cloudy & cold

Putting down upper flooring in Central basement. Hanging doors & putting on window casings & wainscoting bath rooms in West quarters. Putting finish on upper story of College proper. Plumber connecting tanks & bath tubs. Brick-
ing hearths of kitchens. Cleaning outside stone & painting points etc.

Thursday, March 17th, 1892

Clear & pleasant.

Putting down upper flooring in Central basement also cementing workshops. Hanging doors and putting on wood finish in quarters and College proper. Brick-
ing up hearths of kitchens & laundries. Plumber putting up wash stand & water closets in back rooms of Eastern quarters. Making water pipe connections.

Cleaning face of outside stone work and pointing -
C.A.S.

Friday March 19th

Cloudy, snowing & rain. Wind N.E. by E.
Finished putting down upper flooring. Putting on
wood finish in quarters and college proper. Plumbers
making connections with basins and water closets
Carpenters wainscoting bathrooms and making
closets in college proper. No outside work.
C.A.S.

Saturday, March 18th.

Warmer cold & windy from W. Clear
Putting on finish in college proper and eastern
quarters. Plumbers connecting bath tubs, ~~and~~
water closets & wash basins. Carpenters wains-
coting bathrooms and constructing water closets
in college proper. Leaks about West flagstaff
and lecture room dormer windows. Painters
putting first coat of hard oil finish in western
quarters.
C.A.S.

Sunday, March 21st.

Clear & cold. Wind N.W. by W.

Carpenters Putting on finish in college proper & eastern quarters.
Plumbers connecting bath tubs, water closets & wash
basins & erecting set basins in eastern quarters.
Painters putting on first coat of hard oil finish in
South West quarters. Pointing and cleaning outside
masonry
C.A.S.

Tuesday, March 22^d 1892

Weather clear & mild - Wind. calm & S.W.

Putting on carpenter's finish in College proper and Eastern quarters. Plumbers erecting water tanks and connecting water closets in College proper. Painters putting on first coat of hard oil finish in N.W. quarters. Pointing and cleaning masonry outside. Bricking around hearths in S.E. and S.W. quarters. Received a quantity of material for stairs. Lowered 2nd flagstaff in pit.

C.H.A.

Wednesday March 23^d 1892

Weather rainy, overcast & foggy. Wind S.E. to S.W.

Putting on carpenter's finish in College proper and Eastern quarters. Plumbers connecting bath tubs and erecting set basins. Painters putting on first coat of hard oil finish in N.W. quarters. Bricklayers putting down bottoms of hearths. Concreting coal room in basement. Stair makes at work sawing out material.

C.H.S.

Thursday, March 24th, 1892

Weather clear & mild - W. wind.

Putting on carpenter's finish in College proper and Eastern quarters. Plumbers connecting bath tubs & erecting & connecting water closets & set basins. Painters putting on hard oil finish (1st coat) in S.E. quarters. Bricklayers bricking fronts & bottoms of hearths. Concreting in central basement. Stair makes preparing material. Pointing & cleaning masonry on North side of building - Receiving large quantity

of carpenters, stair makers & plumbers material.
Various bands in different parts of roof and under
front steps.

C.M.

Friday, March 25th, 1892.

Weather clear & mild - Wind W by -

Putting on finished woodwork throughout the
Building - Plumbers fitting ~~suspension~~ ^{slate} lining
for animal and connecting water closets & bath
tubs - Painters putting on first coat of
hard oil finish in Eastern Quarters. Concreting
in Central basement. Pointing and cleaning
masonry upon South front of building -

Receiving material for carpenters during the day.

L.H.S.

Saturday, March 26th 1892

Weather clear & mild. Wind S.W. by -

Putting on finished wood work throughout the building.
Plumbers erecting animals, Stairmakers erecting
stairways in Wth quarters. Painters putting on
hard oil finish in Eastern quarters. Finished concrete
in central basement. Continuing work upon
main chimney. Pointing and cleaning masonry
on South side - Cut off west parapet ten feet.

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Monday, March 28th 1892

Clear & mild. My winds.
Putting on carpenter's finish work in Eastern & western Quarters. Erecting water closets in College proper. Plumbers making connections etc in College proper. Bricklayers at work upon main chimney. Cleaning and pointing masonry on South front. Stairmakers erecting stairways in N. house.

CMS

Tuesday, March 29th /92

Clear & cool - Wind My.
Putting on carpenter's finish, hanging doors & erecting dressers & closets in Eastern & western quarters. Erecting water closets in College proper. Plumbers connecting pantry sinks, putting up drip pans in bath rooms & making connections. Bricklayers at work about area entrances. Cleaning & pointing masonry on West End. Stairmakers at work upon stairways in western quarters. Putting on first coat of hard oil finish in College proper.

CMS

Wednesday, March 30th /92

Clear & mild. Wind variable My.
Putting on carpenter's finish in quarters & College proper. Hanging doors & erecting pantries, closets & water closets in College proper. Plumbers connecting sinks, urinals &c. Bricklayers continuing work on main chimney. Stairmakers at work upon stairs in Western quarters.

Cleaning and pointing masonry upon north front.
Putting on first coat of hard oil finish in college
proper.

C.M.S.

Thursday March 31st 1892

Clear & mild. Wind S.Wy.

Putting on carpenters finished work throughout
the building, setting pantries & closets, front
doorways & hanging doors. Preparing inside
blinds. Plumbers connecting urns. Brick
layers continuing work upon main chimney.
Stairmakers at work upon stairs western
quarters. Pointing & cleaning masonry upon
north front of building. Putting on hard
oil finish in college proper.

C.M.S.

Friday April 1st 1892

Clear & pleasant. Wind S.Wy.

Putting on carpenters finish throughout the building.
Including pantries, closets, hanging doorways & fitting
blinds in eastern and western quarters. Plumbers
connecting urns, & sinks. Bricklayers finishing
main chimney. Stairmakers at work upon
stairs in western quarters. Pointing & cleaning
masonry upon north front of building. Putting on
first coat of hard oil finish throughout the building.

C.M.S.

Saturday April 2nd 1892

Cloudy & mild - Wind S.W. by.

Putting on finished woodwork throughout the building. Hanging and fitting inside shutters, doors, erecting water closets, pantry dressers & coat closets. Plumbers finished connections, and putting on faucets. Steamwater at work upon stairs in Western quarters.

Bricklayers finished main chimney. Pointing and cleaning masonry on north front.

Putting on first coat of hard oil finish throughout the building. Painting sash of third story.

Resumé of progress for week ending ap. 2^d

Carpenters finished wood work about finished in Western set of quarters excepting the hardware, and well ^{advanced} ~~progressed~~ throughout remainder of building. Stairways nearly finished in western set of quarters. Plumbing work finished as far as it can be until tested by the water ~~connections~~ ^{& air pressure} and until grading is finished. Piping of the college ~~is~~ ready to be connected to the water system of the island. Main chimney finished & scaffolding removed. Pointing and cleaning of masonry about three-fourths finished. First coat of hard oil finish put on throughout most of building. Commenced putting on second coat of paint upon outside of window sash.

C.H.S.

Monday April 4th 1892.

Cloudy & warm. Wind S. E.

Putting on finished woodwork in Eastern quarters and keys proper. Bricklayers bricking hearths in quarters. Stairmakers at work erecting stairways in Western quarters. Pointing and cleaning masonry on east side. Putting coat of hard oil finish throughout the building & painting outside of window sash.

LONG

Tuesday April 5th, 1892

Clear & mild. Wind S. W.

Putting on finished work in alleys and eastern quarters. Bricklayers bricking outside of hearths. Stairmakers furnished stairways in N. W. house at work upon S. W. house. Pointing and cleaning masonry on north side. Putting first coat of hard oil finish inside building and painting skylights, dormer windows, and outside of window sash. Steam fitters commenced work upon steam heating apparatus.

Wednesday April 6th, 1892

C. H. S.

Cloudy & mild. Wind W. by S.

Putting on finished work & fitting blinds throughout building. Stairmakers finished stairways in S. W. quarters & erecting stairways in Eastern quarters. Pointing & cleaning masonry on north side. Putting second coat of hard oil finish in N. W. quarters and first coat on stairways. Boring holes for steam

heating apparatus.

C.H.S.

Monday April 7th 1892

Clear & pleasant. Wind S.W. -
Putting on wood finish in college
proper and Eastern quarters. Staircases
at work in Eastern quarters. Pointing
& cleaning masonry. Putting second
coat of hard oil finish in western
quarters - Boring holes for steam heating
vent. At work on main chimney -
Painting outside sash and outside
wood & tin work on roof -

C.H.S.

From April 7th to April 15th absent on duty

Tuesday April 15th

Cloudy & rainy. Mild
Putting on wood finish in college proper
staircases at work in college proper
Putting on second coat of hard oil finish
in ~~the~~ quarters - Putting up pipes for
steam heating. Work on ground
finishing electrical work for bells

C.H.S.

Saturday April 16th 1892

Cloudy & pleasant. Wind SWly.

Putting on wood finish in College proper. Stairbuilders at work in N. E. quarters & College proper. Putting on second coat of hard oil finish. Putting up pipes for steam heating system. Mantels received for quarters. Main chimney showing badly. Notified contractor of non-acceptance.

C.H.S.

Sunday April 17th 1892

Cloudy and clear and pleasant. Wind S.E. ly.

Finishing woodwork in College proper. Putting mantels in place. Giving 2nd coat of hard oil finish inside and painting sash and ^{porch} roofs outside. Steam heating apparatus being put in place. Stairbuilders at work upon main stairway of College.

Lefts

Tuesday April 19th 1892

Clear & pleasant. Wind N ly.

Finishing stairways in NW house & College proper. Putting on hard oil finish (2nd coat) throughout building. Putting mantels in place. Putting steam heating apparatus in place; additional men at work. Planning off the East lecture room floor. Painting porches and outside work with second coat.

C.H.S.

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Wednesday April 20th 1892

Weather clear & pleasant. Wind S.W. by.
Finishing stairways in N.W. house & coneys proper. Putting
on last coat outside upon porches. Painting &
glazing front doors. Finished 2nd coat of hard
oil finish throughout building. Planing
West lecture room floors. Putting mantels
in place in N.W. house. Putting steam
piping in place throughout the building
C.H.S.

Thursday April 21st 1892

Weather cloudy & pleasant. Wind S.W. Rainy.
Finishing stairways in N.E. house & central portion.
Glazing basement doors. Planing floor of west
lecture room. Finished putting mantels in place.
Putting on windows and blinds hardware. Steam
fitters putting steam pipe throughout building. Putting
on 3rd coat of hard oil finish in College proper
and western quarters.

C.H.S.

Friday April 22^d 1892

Weather cloudy & mild. Wind S.W. by.
Finishing stairways in College proper. Glazing painting
basement doors. Planing library floor in college.
Putting on window and door hardware. Putting on
3rd coat of hard oil finish. Mastering where
stained. Steam fitters putting on pipe

throughout the building.

C.T.S.

Saturday April 23^d 1892.

Clear & pleasant. Wind strong S. W. by.

Finishing Central hallway of college proper. Glazing doorway and basement sash. Planing library and corridors of college. Putting on hardware of windows, and blinds. Putting on 3^d coat of hard oil finish. Steam fitters putting in piping throughout the building.

C.T.S.

Monday April 25th

Clear & cool. Wind S. W. by.

Finishing basement stairs of college proper. Glazing vestibule doorway. Planing corridors and lavatory floors. Putting on window & other hardware N.E. house. Putting on hard oil finish in various parts of building.

Steam fitters making connection & running piping in building. A number of laborers have arrived.

Master finishing plaster throughout the building.

Commenced breaking ground for grading this morning. About twenty five men at work.

Steam engine and drilling apparatus in place for commencing work on Artesian well north of marine encampment.

C.T.S.

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Tuesday April 26th 1892

Clear & pleasant. Wind S.W. by.

Carpenters putting on window & other hardware throughout building. Stairmaker finishing basement staircase of shape proper. Planing hall and other floors of quarters. Putting on hard oil finish in various parts of building. Painting outside doors, glazing vegetable doors.

Steam fitters getting piping in place throughout building. Erecting steam heating boiler in basement. Plasterer finishing walls throughout building.

Contractor continuing work of excavating upon north side of building and filling on south, east & west sides.

Commenced work drilling artesian well to the north of the marine encampment and old Porter's field.

C.H.S.

Wednesday, April 27th. 1892

Clear & pleasant. Wind S.E. by.

Carpenters putting on window & other hardware. Planing floors of quarters. Putting on hard oil finish throughout building.

Steam fitters getting piping & radiators in place throughout building. Erecting brick work for bed of boiler in basement. Receiving radiators.

Grading contractor at work on excavation and filling around building.

Contractor at work on artesian well depth of about thirty feet at noon. A very small flow of water found.

C.H.S.

Thursday, April 28th. 1892

Cloudy & cool. Wind S.W.

Planing floors of quarters. Putting hard oil finish upon various parts of building. Erecting staging preparatory to lattice down backwork of chimney.

Steam fitters running piping. Putting radiators in rooms. Getting boiler in building.

Grading contractor at work upon excavation and filling on north and south sides of building.

Water contractor at work upon artesian well. A depth of 32 feet attained in the morning.

C.H.S.

Friday April 29th

Overcast & rainy - Wind N.W.

Planing floors of quarters. Putting hardware on studs in college proper - Putting on hard oil finish in college proper.

Steam fitters connecting radiators in rooms. Erecting backwork for boiler & putting in gates.

Grading contractor at work upon excavation and filling upon north & south sides of building - In afternoon work suspended.

Water contractor at work upon artesian well. Depth of 36 feet hard rock.

C.H.S.

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Saturday April 30th

Clear & cool. Wind N.W. -

Putting on inside hardware - Putting on hard oil finish. Getting ready to stain floors.

Steam fitters connecting radiators & running piping
Getting boiler in place.

Grading contractor at work upon excavation

& filling -

Water contractor drilling for water. Depth reached this morning 40 ft. In the afternoon an estimated flow of ten gallons a minute was obtained.

Est. S.

Monday May 2nd 1892

Clear & pleasant wind W. variable.

Putting in doors &c of basement ^{entrance} of college proper
Teasing down brickwork of main chimney. Staining floors & putting on hard oil finish

Steam fitters leading pipes, connecting radiators & bricking around boiler which is in place -

Grading contractor at work upon excavation & filling
Water supply contractor drilling - Depth reached 50 ft.

Est. S.

Tuesday May 3rd 1892

Cloudy & cool - Wind N. Ely -

Putting in doors of college basement entrance. Staining floors & putting on hard oil finish. Finished teasing down brickwork of main chimney.

Steam fitters leading pipes & connecting radiators.
Bricking around boiler

Grading contractor at work excavating and
filling. Commenced plastering -

Water supply contractor continuing drilling -
Left

Wednesday May 4th

Cloudy but then clear & pleasant. Wind SW -
Putting on hardware & at work on entrance to college
basement. Putting on hardwood finish & staining
floors -

Steam fitters leading pipes connecting radiators
& bricking around boiler.

Grading contractor filling and excavating. Laying
out roadways -

First Well of water supply contractor finished at
52 feet. At 3 P.M. started Well no. 2. East of
Well no. 1 -

A.S.

Thursday May 5th, 1892

Clear & warm - Wind SW - Putting up entrance
doors &c of basement entrance to College building - Putting
on nickel hardware. Painting outside entrance of basement
and staining floors &c

Steam fitters leading pipes throughout building & connecting
radiators. Bricking around boiler and digging ash pits

Grading contractor filling & excavating. Plastering work
Drilling Well no. 2 at noon reached depth of sixteen
feet.

Left S.

Friday May 6th, 1892

Cloudy & warm - Wind N.W.

Steam fitters at work on piping throughout the building. Finished backing boiler in place and making ash pit.

Grading contractor filling, blasting & excavating -

Water supply contractor drilling Well no. 2 - Depth reached at noon 20 feet - Slight flow of water

Carpenters replacing plank in lecture room floor.

Received Perth Amboy brick for chimney - also felting for steam pipes -

C.H.S.

Saturday May 7th, 1892

Clear & pleasant. Wind N.W.

Carpenters making pigeon holes & rail for janitors room & cleaning backwork.

Steam fitters putting on attachments to boiler & fitting piping.

Grading contractor blasting & excavating on North side of building - Fitting on South side -

Water supply contractor drilling Well No. 2. Depth reached at noon 52 feet. Supply of water about

five gallons per minute - Painters going over hard oil finish in various places. Plumbing

Large heating

C.H.S.

Return for week -

Boiler being in building. Put in basement doors & woodwork - Finished putting in hardware on doors & blinds - Fitting up janitors room - Tore down backwork of main chimney preparatory to its re-construction. Painted doors & entrance to coal basement. Stained borders of floors of quarters. Steam heating boiler was put in place

of trucks in a ash pit made. The Radiators were connected and the piping of the building nearly finished.

Grading Contractor progressing satisfactory in excavating & hauling on north side and filling upon south side of building -

The Water Supply Contractor finished first well having reached a depth of fifty one feet and an estimated supply of six gallons a minute, and has reached a depth of 67 feet and an estimated supply of 10 gals a minute in a second well -

With exception of some minor matters and the brickwork of main chimney, the College building is practically finished -

C.H.S.

Monday May 9th. 1892

Weather clear & mild. Wind S. E. by.

Carpenters at work upon sawed of partitions -
Painters at work upon hard oil finish of college
Stairway and painting hearths - Bricklayers
commenced the section of the main chimney -
Steam fitters laying basement piping and putting
on boiler attachments.

Grading Contractor blasting on north side of College.

Water Supply Contractor boring well no. 2 at 10
A.M. reached a depth of 67 feet and a good supply of
water not measured yet as to quantity.

C.H.S.

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May 10th. 1892

Naval War College

May 10th / 92

Sir -

I have the honor to forward a letter from Messrs G. C. Mason & Son, Architects of the new War College building in reference to a change in direction & increased length of piping in the main from the War College building -

This change which was done by your order was a necessary one & the charges seem correct & reasonable -

The plans give the distance as about 300ft from face of building wall to shore. I recommend that all informal this be waived & that the bill be approved & forwarded

Very Respectfully

C. H. S.

Capt. M. S. S.

Clear & pleasant. Windy.

Making drawings for paintings. Kalsomining angles. Bricklayers at work upon main chimney. Steam fitters laying basement pipes.

Grading contractor blasting.

Water supply contractor pushed boring well No. 2 depth 77ft. 10 gallons a minute.

C. H. S.

May 11th 1892

Rainy - Absent on duty

May 12th 1892

Pointing Chimneys. At work upon construction of main chimney.

Steam pipes connecting piping in basement.

Grading contractor blasting -

Water contractor at work upon Well No. 3. Depth of 20 ft - ~~indicated~~ of water!

Coll.

May 13th 1892

Cloudy & cool. Wind S.W.

Finished construction of main chimney - Filled the steam heating boiler with water.

Grading contractor blasting & filling.

Water supply contractor digging trench for connection piping from main to well pipe. Boring well No. 3 depth reached - 20 ft.

Coll.

May 14th 1892

Cloudy & cool. Wind S.W.

Pointing chimneys - Plumbed putting on trap covers & filling pipes with water to test tightness of plumbing. Put on extra length of ten inch cast iron pipe.

Steam up in boiler of steam heating apparatus.

Grading contractor blasting & filling.

Water supply contractor digging trench for piping connection from main to well pipe piping. Boring well No. 3. Depth reached 90 ft. - Coll.

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Monday May 16th - 1892

Clear & warm. Wind n.wy

Slate at work upon roof - Plumbing test for
soot pipe made successfully this morning. Some
plumbing defects to be remedied.

Steam fitters at work with steam up, remedying
defects in joints throughout building.

Grading Contractor with additional men blasting
fitting -

Water Supply Contractor connecting piping between
War Cone and the mains of the island - Boring
Well No. 3. Reached 100 ft. depth. Indications of water -

C.H.S.

Tuesday May 17th - 1892

Clear & warm. Fresh s. wy breeze -

Slate at work upon roof. Remedying leaks in
plumbing -

Steam fitters at work with steam up, repairing
leaks and bronzing radiators -

Grading Contractors blasting on north side
of building -

Water Supply Contractor connecting War
Cone with the mains of the island - Boring
Well No. 3 -

C.H.S.

Wednesday May 18th

Warm & clear

Worked replacing slates on roof. Finished remedying leaks in plumbing

Steam fitters at work bronzing radiators with steam up -

Grading Contractors blasting on north side & fitting on S.W. side -

Water Supply Contractor running pipe for connections between
water main & water main - Boring Well No. 4.

Thursday May 19th

Clear & cool.

Steam fitters at work brazing pipes and radiators
and covering steam pipes in attic.

Grading contractor blasting on N. side &
filling roadway to old drive -

Water supply contractor Boring Well No. 4
previous wells giving water too hard for satisfactory
use. Pipe laid between water main &
creek but waiting for valves & hydrant for final
connection

C.H.S.

Friday May 20

Rainy - No outside work - found several leaks
brazing steam heating pipes

C.H.S.

Saturday May 21

Rainy - Work generally suspended outside -
inside of the building.

C.H.S.

Sunday May 22^d

Cloudy - General contractor cleaning up, repairing leaks
in roof and repairing defects - Steam heating men covering
pipes. Grading contractor blasting and making roadway.

Water supply men overhauling line & fitting ready for
putting in valves for water main & branch piping - Rafters &
Canning stoves observed in building - Well No. 4 - 26 ft deep C.H.S.

Tuesday May 24th 1892

Cloudy with occasional light showers.

General contractor remedying defects & leaks. Put in fresh air inlet covers. Preparing to surface floor of coal room &c in basement.

Steam contractor, covering pipes in attic.

Grading contractor blasting to north of building & roadmaking.

Water supply contractor boring well No. 4 depth forty (40) feet. Making connections with water main.

Bricking in ranges of quarters.

L.H.S.

Wednesday May 25th. 1892.

Clear & pleasant.

General contractor surfacing coal cellar.

Steam fitters covering pipes in attic and cementing about steam pipes in basement.

Grading contractor blasting to north of ~~road~~ ^{building} and making roadway between Building No. 10 & the College.

Water supply contractor found water still hard abandoned well No. 4 and shifted machine to north of Hospital - Water connection made.

Putting in plumbing connections with ranges.

L.H.S.

Thursday, May 26th

Pleasant -

General contractor surfacing coal cellar.
Steam fitters covering pipes in attic, cementing
about pipes in cellar.

Grading contractor blasting to the north of
building & road making -

Water supply contractor preparing to
bore well no. 5.

Members at work upon ranges

H. S.

Friday, May 27th.

General contractor finished surfacing cellar. Clearing
up about grounds.

Steam fitters covering pipes in attic & basement.

Grading contractor blasting to the north of building
& making roadway -

Water supply contractor boring well no. 5 -

Setting up ranges & bracking iron work -

L. H. S.

Saturday, May 28th - 1892

General contractor finished work on building. Reported
it completed & recommended its acceptance -

Steam fitters covering pipes & remedying ^{marks} scars _{in}
plastering

Grading contractor blasting to the north of building
& making roadways -

Water supply contractor boring well no. 5 -

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Setting up ranges — By telegraphic order
from Bureau the War Dept building was accepted from the
General Contractor A. S. Johnson C: 115 -

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Maintenance - 1892

Labor for printing - 65.38

Transfer of books - 5.00

Maintenance of books - 81.55

Stationery 21.40

Grading & roadway 2244.00

Advertising 13.31

Water supply 5822.00

Draughtsmen 104.05

Electrical connections - 957.36

Books &c 5.83

Shoeing horses - 4.00

Material for map - 71.34

9395.22
10000.00

604.78

Provided -

388
30
358

253.08^{#82}
60.00[#] - scrub-
313.08 - furniture
75.00
388.08
177.50

275.58
60.00
335.58
75.00
410.58
410.

410

400
150
250

460
177.50
282.50

	Aug ⁿ -82 -	253.08
Scrapping	- -	60.00
Rep. furniture		75.00
		<hr/>
		388.08

Balance - 604.78

388.08

216.70

39.00

\$186.70 Balance

Contract - 82.875 ✓
 Architect - 4000 ✓
 Change of site - 150 ✓
 Extra main pipe - 153 ✓
 Meas heating - 3437 ✓
 Extra works & - 1317 ✓
 Adv¹⁵ - 249 ✓
 Furniture - ~~SHT. 5000~~ ✓
 4737
 Ramps - 510 ✓
 Electrodes - 576. 16 ✓
 Borings - 37. 20 ✓
 Extra adv¹⁵ - ~~Sht.~~ 50 00 ✓

~~98354.36~~

100000
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 1646
 263

 1909

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Financial memorandum

as to Building Appropriation

and

as to maintenance 1893

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Amount appropriated for construction

\$ 100,000.00

1 st	Installation for architects	- 2000.00	✓
	For borings for site	- 37.20	✓
1 st & 2 nd	Installments for contractor (less 75%)	- 14917.50	✓
3 rd & 4 th	" " (less 75%)	14917.50	✓
5 th & 6 th	" " (less 75%)	14917.50	✓
	For removal of site 150 yds to W'd.	150.00	✓
7 th & 8 th	Installments for contractor (less 75%)	14917.50	✓
9 th	Installation " " (- 1)	7458.75	✓
	For electrical fixtures	- 576.16	not pd
	For ranges & laundry stoves	510.00	✓ ✓
	For steam heating apparatus	- 3437.00	✓ ✓
	2 nd installment for architect	1000.00	✓
April 1 st	Printing & advertisements	249.47	✓
June 4 th	10 th installment	7458.75	✓
June 10	3 rd installment for architect	1000.00	✓
June 24 th	Changes in construction less 75% add. advts -	1317.00	✓
June 23 rd	Reservation on building contract	8287.50	✓
	For furnishing	4737.00	
June	For extra piping & plumbing	153.00	✓
June 10	For		

Annual appropriation for maintenance 10,000

Amount for grading and making roadway (See next page) \$ 65.38 ✓
For transfer of horses from Goat Id 5.00 ✓
Map of island by boat survey? etc. (50.00) ^{not} ✓
Maintenance of horses 81.55 ✓
Stationery - about 21.40 ✓
Contract for grading & roadway 2244.00
(in three payments)
May 24 - First installment (less revⁿ) — 673.20 ✓
June - Second " (") — 673.20 ✓
July Third & revⁿ — 897.60 ✓

For advertising etc. { water supply
grading } 13.31

Contract for water supply — \$5822.00
June 18th - First installment (less revⁿ) } \$1746.60
and less \$20 - Street shoes } —

For draughtsman's supplies — Labor - 317.56 104.05 ✓
For electrical connections — Material 439.80 957.36 ✓
For books etc — 957.36 5.83 ✓

Nov. 25 - Shoeing horses 4.00 ✓

Oct 9/91 Material for map etc 71.34

Attachment of \$500 for roadway in front of War College building - \$500.00

Expended for labor to Oct. 31st 1891	\$23.63
" " " " Nov. 15th 1891	\$35.75
" " " " Jan 1 st 1891	6.00
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	\$65.38

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Contract for grading & roadway -		\$ 2244.00
Bills forwarded for 1 st payment -	\$ 748.00 less 1 st 74.80	673.20 ✓
Bills - - - 2 ^o - - -	673.20	673.20

Contract for water supply -		\$ 5822.00
Bills forwarded for 1 st payment -	1746.00 20.00	1726.00
less 2 ^o * 20		