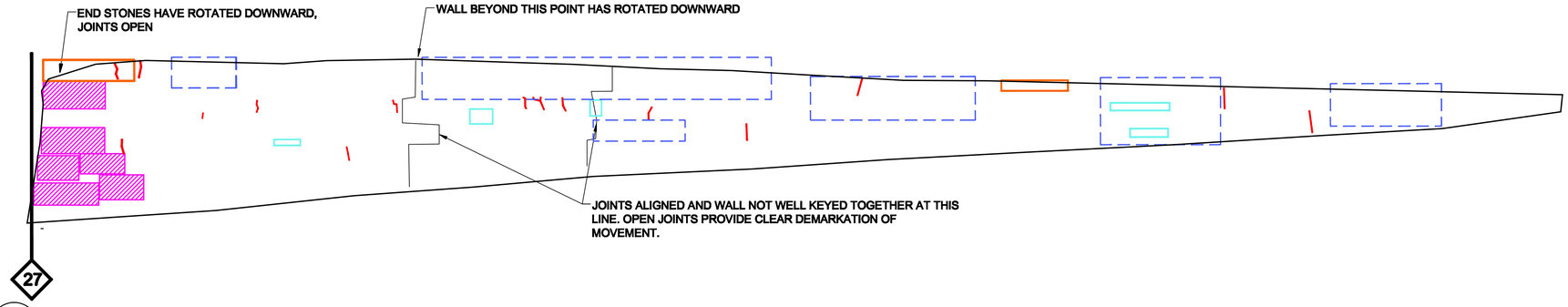
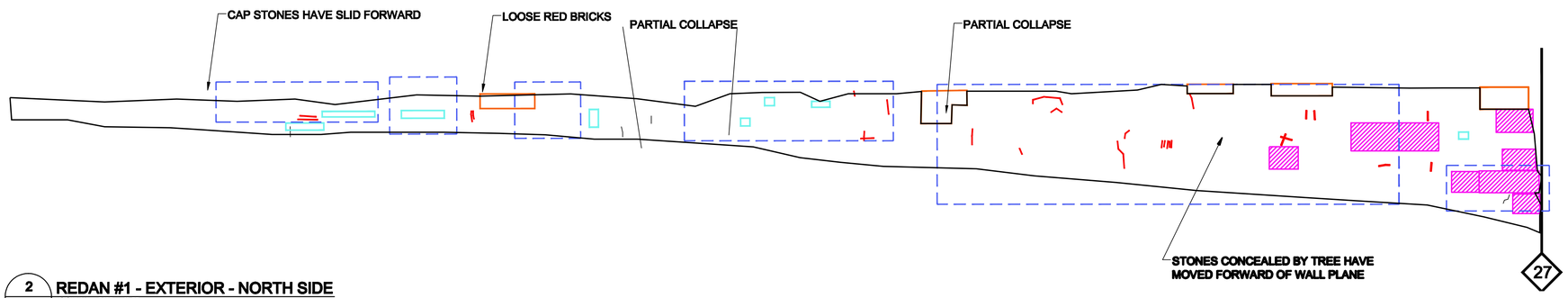
APPENDIX A2

ANNOTATED OUTLINE ELEVATIONS - EXISTING CONDITIONS (2013)



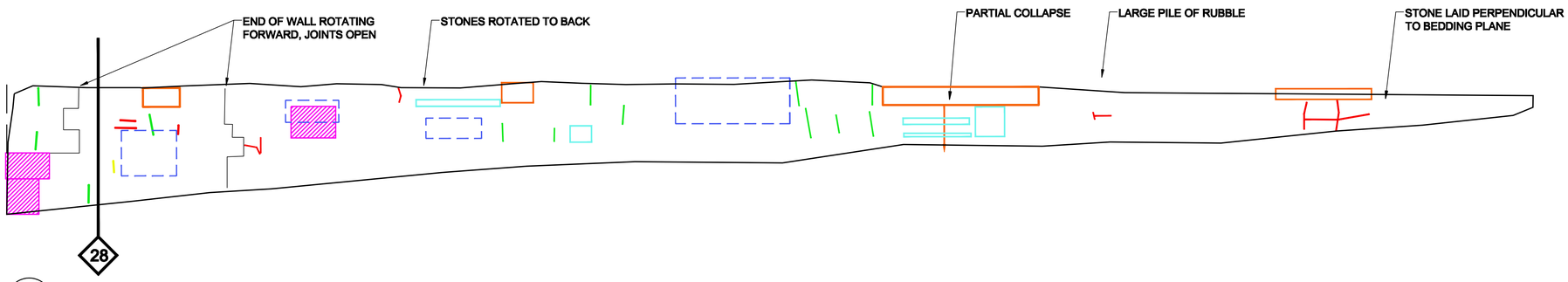
1 A201 **REDAN #1 - EXTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED
STONE SIZE: RANDOM, BUT NOT A HUGE VARIATION IN OVERALL SIZES
COURSING: FAIRLY WELL COURSED
CHINKING: NOT MUCH, A LITTLE AT RIGHT SIDE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL



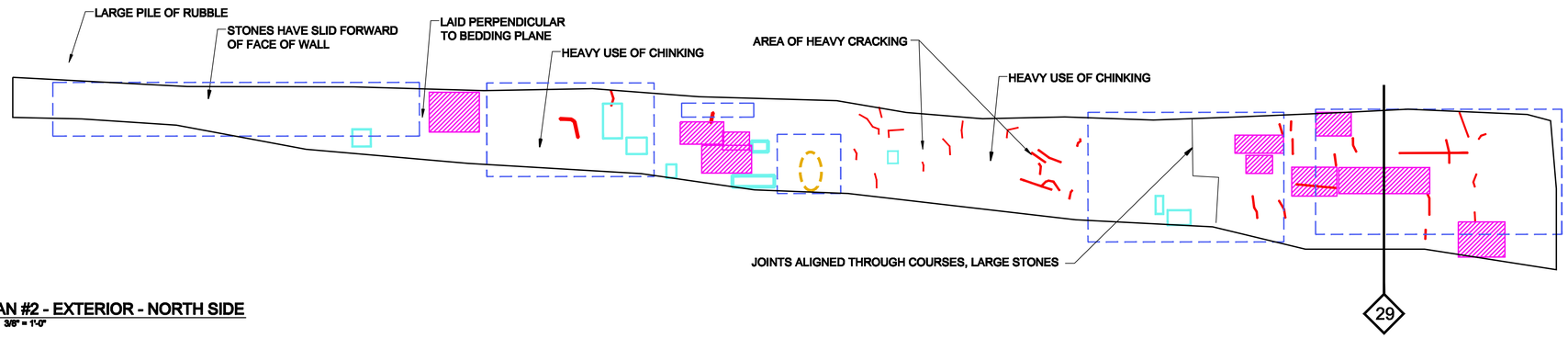
2 A201 **REDAN #1 - EXTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL.



3 A201 **REDAN #2 - EXTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL



4 A201 **REDAN #2 - EXTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY BATTERED,
STONE SIZE: RANDOM. MANY STONES ARE FRACTURED AND CRUMBLING
COURSING: MOSTLY IRREGULAR, BUT SOME AREAS ARE MORE COURSED
CHINKING: FALLING OUT
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE:

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

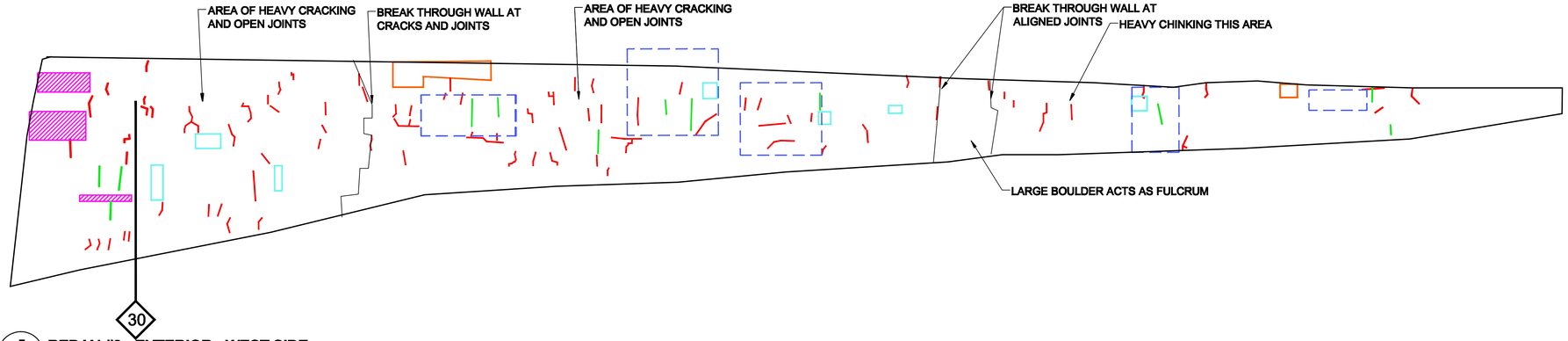
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

Redans 1 & 2
Exterior
Line Elevations

A201

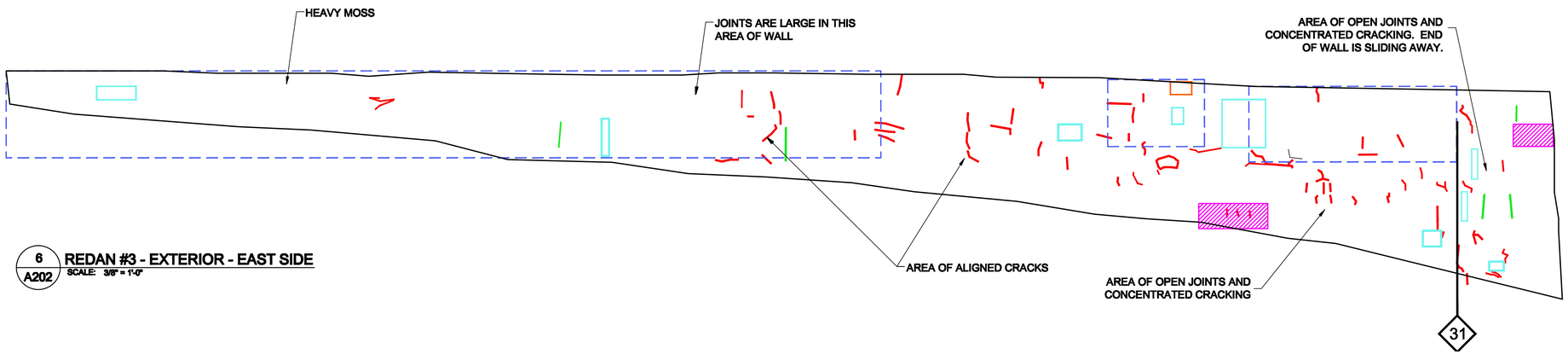
Copyright 2014 John Milner Associates, Inc.

Feb 11, 2014 - 11:17pm P:\Projects\19-FORTNEGLEY\14. Drawings\14A Arch\14A-1 Dwg's\FORTNEGLEY REDAN EXT 1-2.dwg



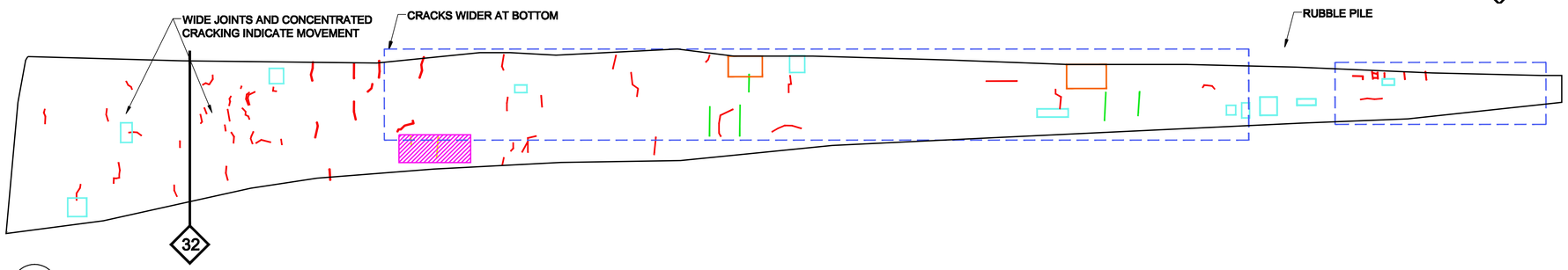
5 A202 **REDAN #3 - EXTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: OVERALL, BATTERED, BUT IRREGULAR
STONE SIZE: RANDOM, SOME VERY LARGE STONES
COURSING: MOSTLY NOT COURSED, MORE COURSED AT LEFT END
CHINKING: AREAS OF HEAVY CHINKING
CRACKS: AT THREE POINTS, CRACKS ALIGN WITH JOINTS FOR CLEAR BREAK THROUGH WALL HEIGHT
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL, SLOPE PARALLEL TO WALL AT LEFT END



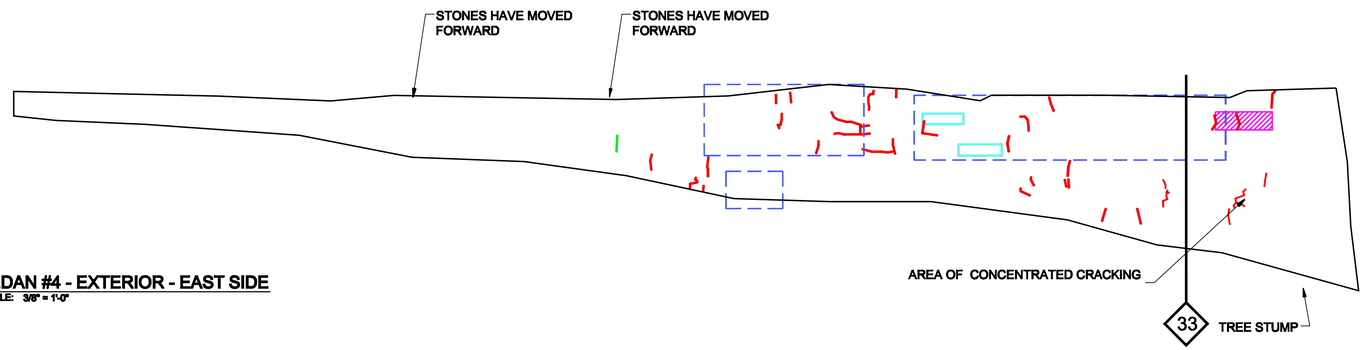
6 A202 **REDAN #3 - EXTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: BATTERED, BUT BULGING IN AREAS
STONE SIZE: RANDOM, THERE ARE SOME LARGE STONES.
COURSING: MIXED, SOME AREAS CLEARLY COURSED, OTHERS MORE RANDOM. MAY INDICATE REPAIR CAMPAIGNS
CHINKING: NOT MUCH
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. AT RIGHT END, GROUND SLOPES ALONG WALL AT A STEEP GRADE.



7 A202 **REDAN #4 - EXTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED, BUT IRREGULAR
STONE SIZE: RANDOM, SOME LARGE STONES AT RIGHT END
COURSING: SOMEWHAT COURSED
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL BUT MORE PARALLEL TO WALL AT LEFT END



8 A202 **REDAN #4 - EXTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: BATTERED AT RIGHT, LEANING FORWARD AT LEFT
STONE SIZE: FAIRLY UNIFORM, MEDIUM TO LARGE
COURSING: MOSTLY IRREGULAR
CHINKING: SOME AT RIGHT SIDE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES, BUT ONE STUMP
SLOPE: PERPENDICULAR TO WALL, BUT SLOPES MORE PARALLEL AT RIGHT END

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

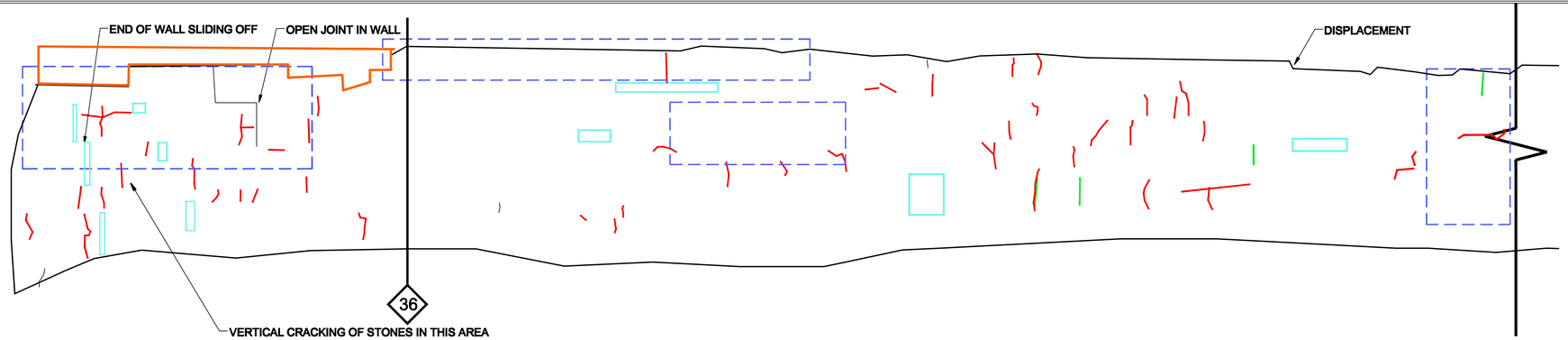
project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

Redans 3 & 4
Exterior
Line Elevations

A202

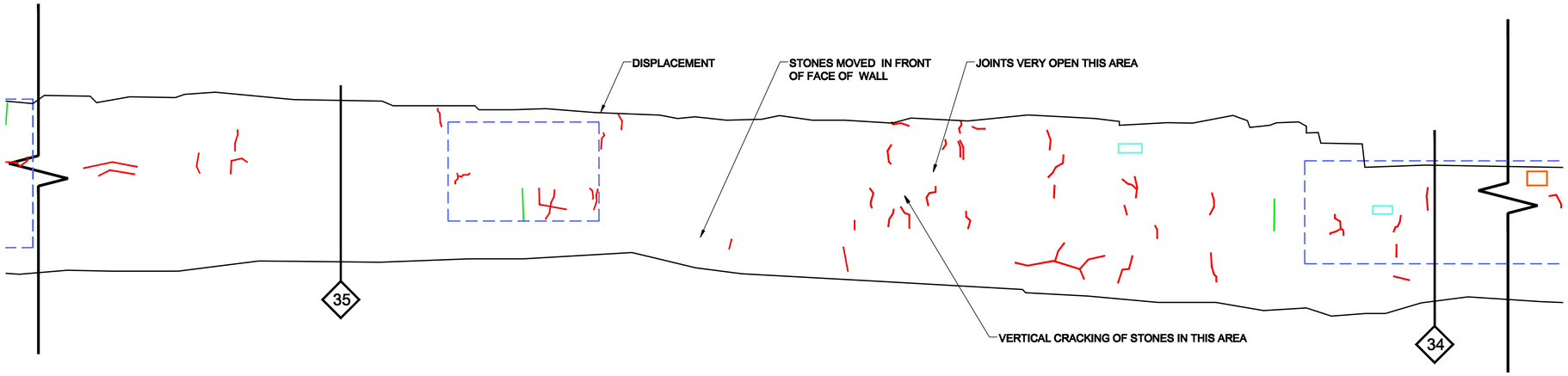
Copyright 2014 John Milner Associates, Inc.

Feb 11, 2014 - 12:12pm P:\Projects\p-FORTNEGLEY\04. Drawings\04A Arch\04A2 Dwgs\FORTNEGLEY REDAN EXT 7-4.dwg

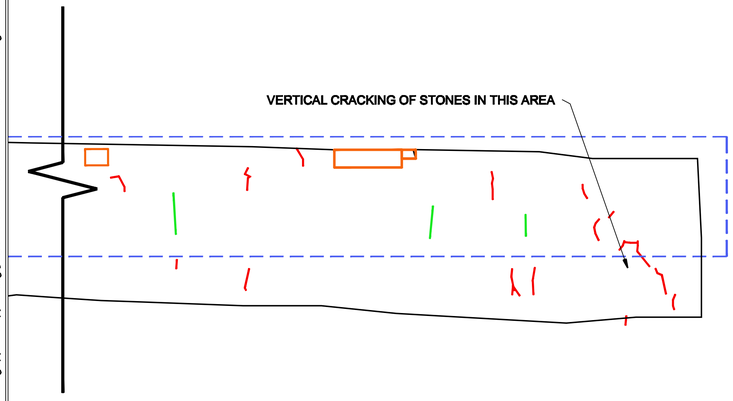


9A A202 NORTH MAIN WORKS - EXTERIOR - LEFT END
SCALE: 3/8" = 1'-0"

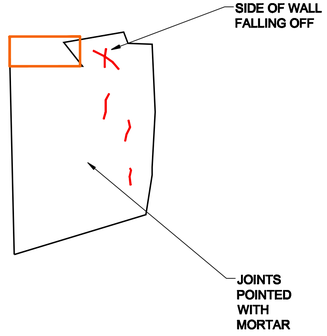
CAMBER: WALLS ARE MOSTLY BATTERED
STONE SIZE: IRREGULAR, SOME VERY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: HEAVILY CHINKED IN SOME AREAS
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: AWAY FROM WALL SLIGHTLY SLOPED



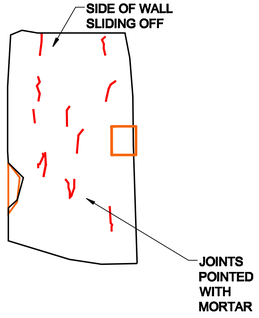
9B A203 NORTH MAIN WORKS - EXTERIOR - CENTER
SCALE: 3/8" = 1'-0"



9C A203 NORTH MAIN WORKS - EXTERIOR - RIGHT END
SCALE: 3/8" = 1'-0"

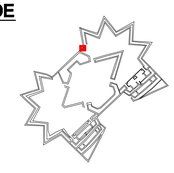


10A A203 SALLY PORT - EAST SIDE
SCALE: 3/8" = 1'-0"



10B A203 SALLY PORT - NORTH SIDE
SCALE: 3/8" = 1'-0"

10C A203 SALLY PORT - WEST SIDE
SCALE: 3/8" = 1'-0"



Feb 11, 2014 - 11:14pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Desg\3 FORTNEGLEY NORTH MAIN WORKS EXT.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

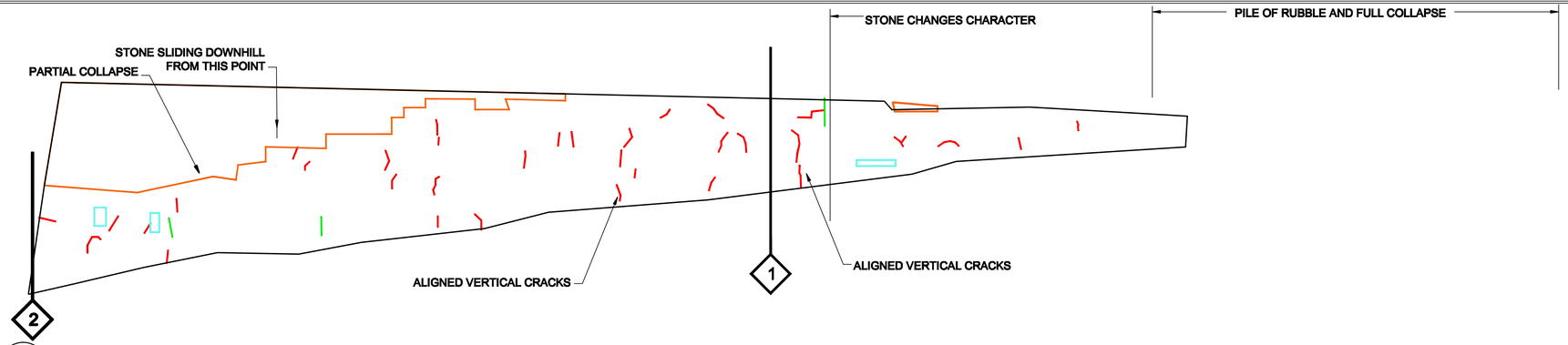
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

North Main Works & Sally Port Line Elevations

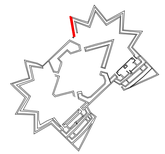
A203

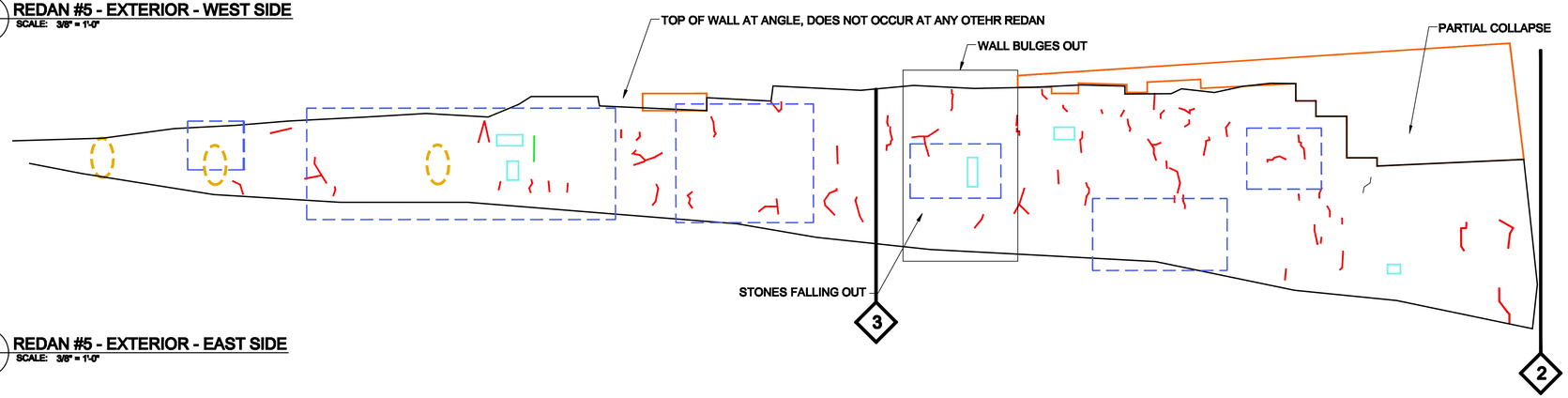
Copyright 2014 John Milner Associates, Inc.



11 A204 **REDAN #5 - EXTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"

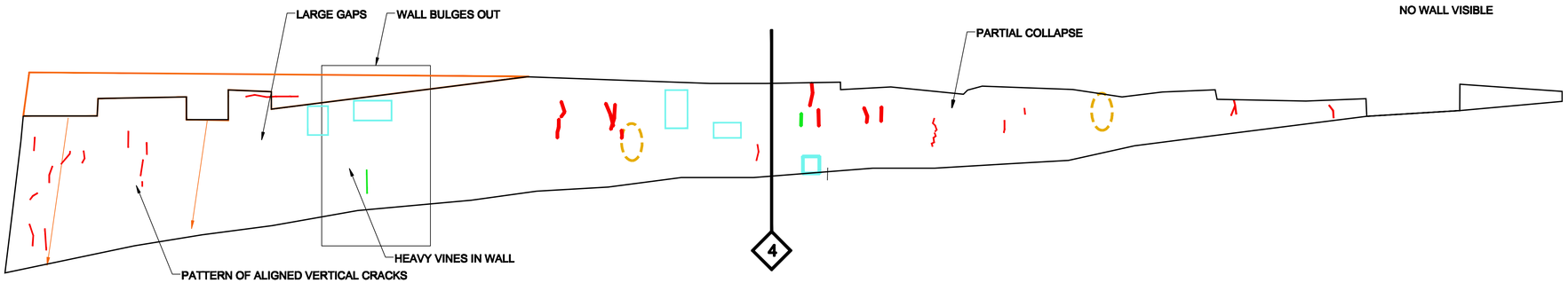
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT LEFT SIDE
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH AT RIGHT, BUT MORE PREVALENT MOVING TO LEFT
CRACKS: EXTEND THROUGH WALL VERTICALLY
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL





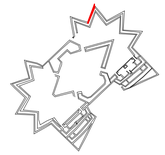
12 A204 **REDAN #5 - EXTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

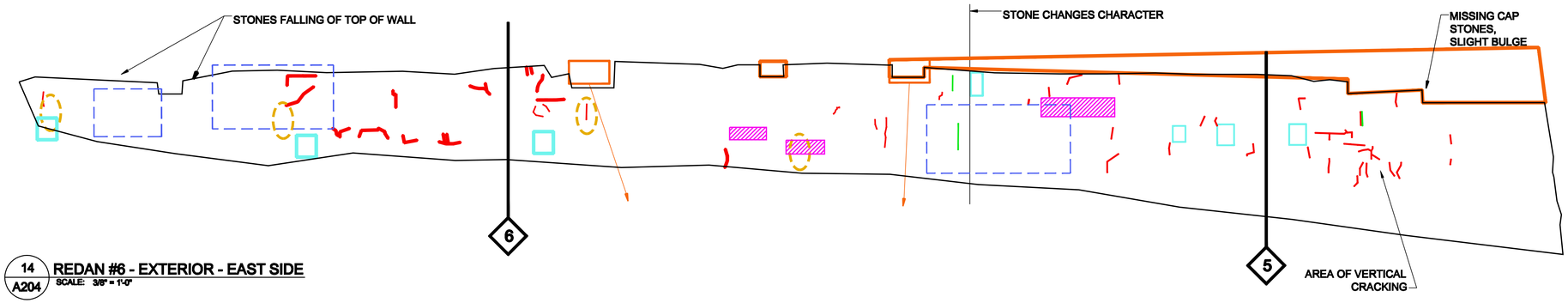
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT SIDE
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: LARGE AND FLAT CHINKING STONES
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. BUT BECOMES PARALLEL AT RIGHT END



13 A204 **REDAN #6 - EXTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT, BULGE MID-WAY TOWARD LEFT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: VERY FEW CHINKING STONES
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL





14 A204 **REDAN #6 - EXTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED,
STONE SIZE: RANDOM, NOT MANY LARGE STONES AT RIGHT, CHANGES WITH LARGER STONES TO LEFT END
COURSING: MOSTLY IRREGULAR, CHANGES MIDWAY
CHINKING: FALLING OUT
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: SLOPE RUNS PARALLEL TO WALL

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

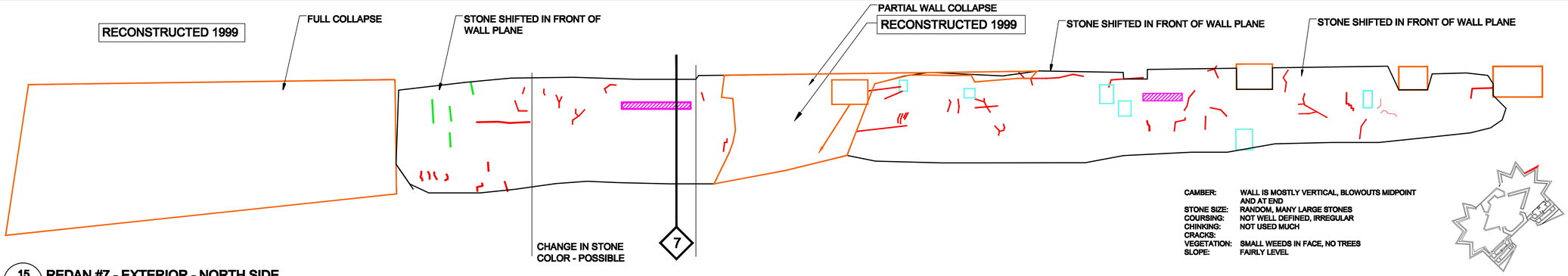
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

Redans 5 & 6
Exterior
Line Elevations

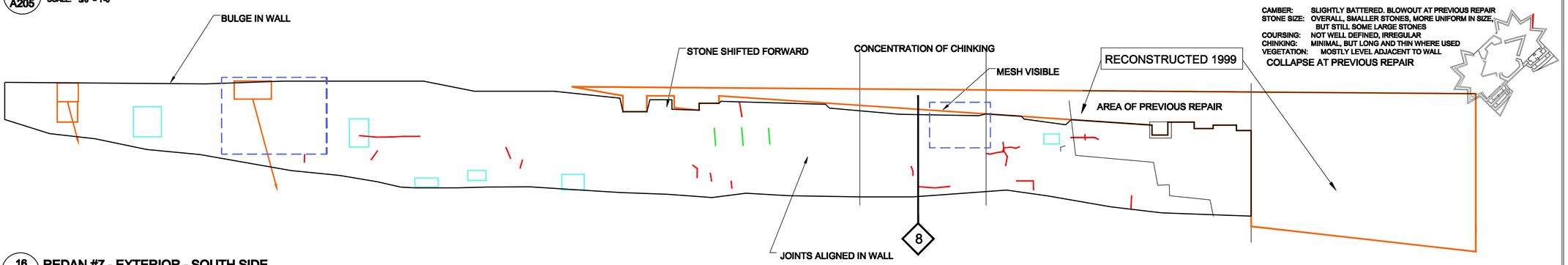
A204

Copyright 2014 John Milner Associates, Inc.

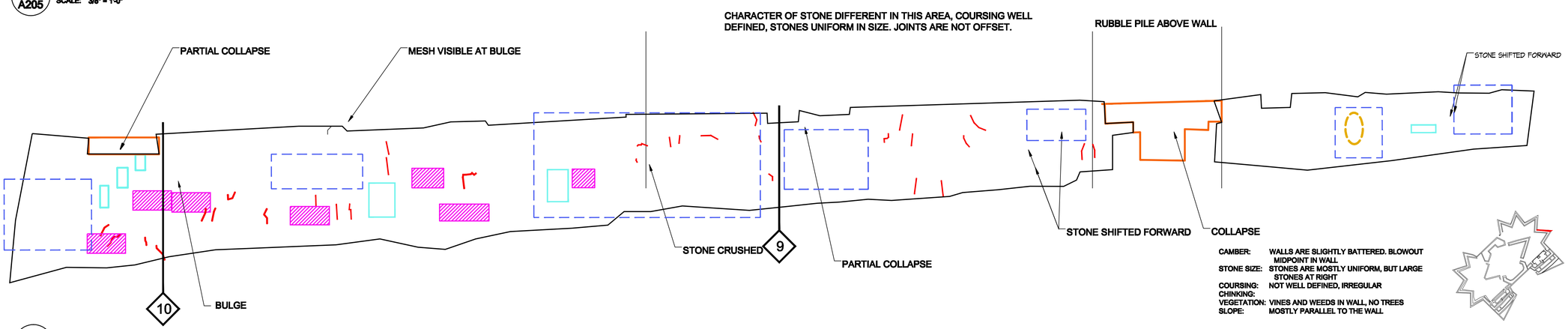
Feb 11, 2014 - 11:17pm P:\Projects\17-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\17 FORTNEGLEY REDAN EXT 5-6.dwg



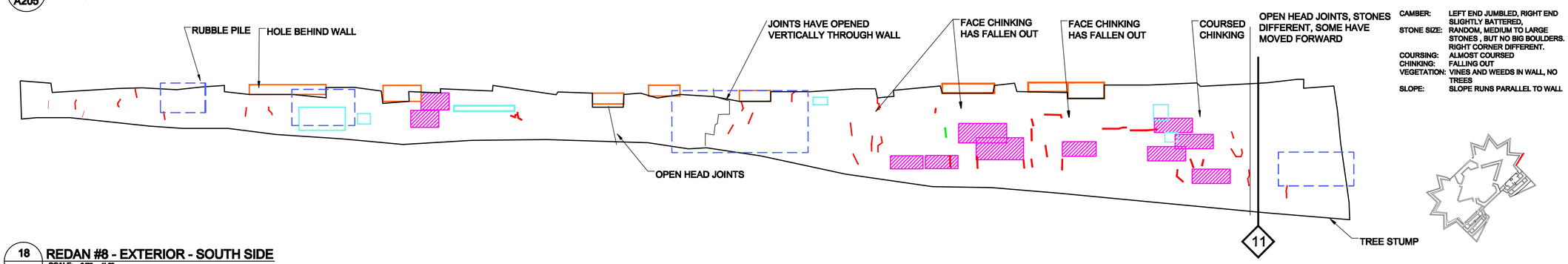
15 A205 **REDAN #7 - EXTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"



16 A205 **REDAN #7 - EXTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"



17 A205 **REDAN #8 - EXTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"



18 A205 **REDAN #8 - EXTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:19pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Desg\5 FORTNEGLEY REDAN EXT 7-8.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

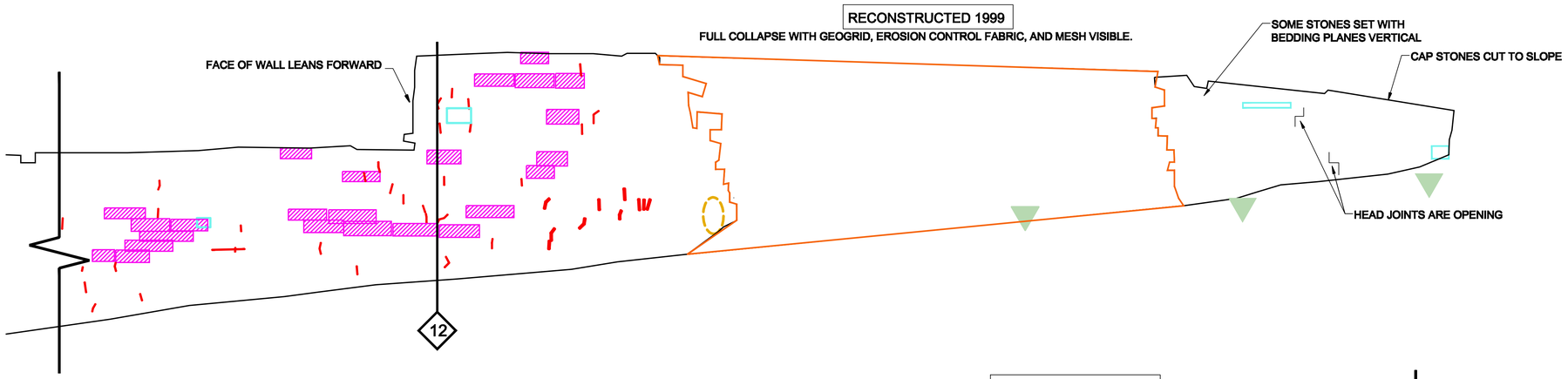
project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

Redans 7 & 8
Exterior
Line Elevations

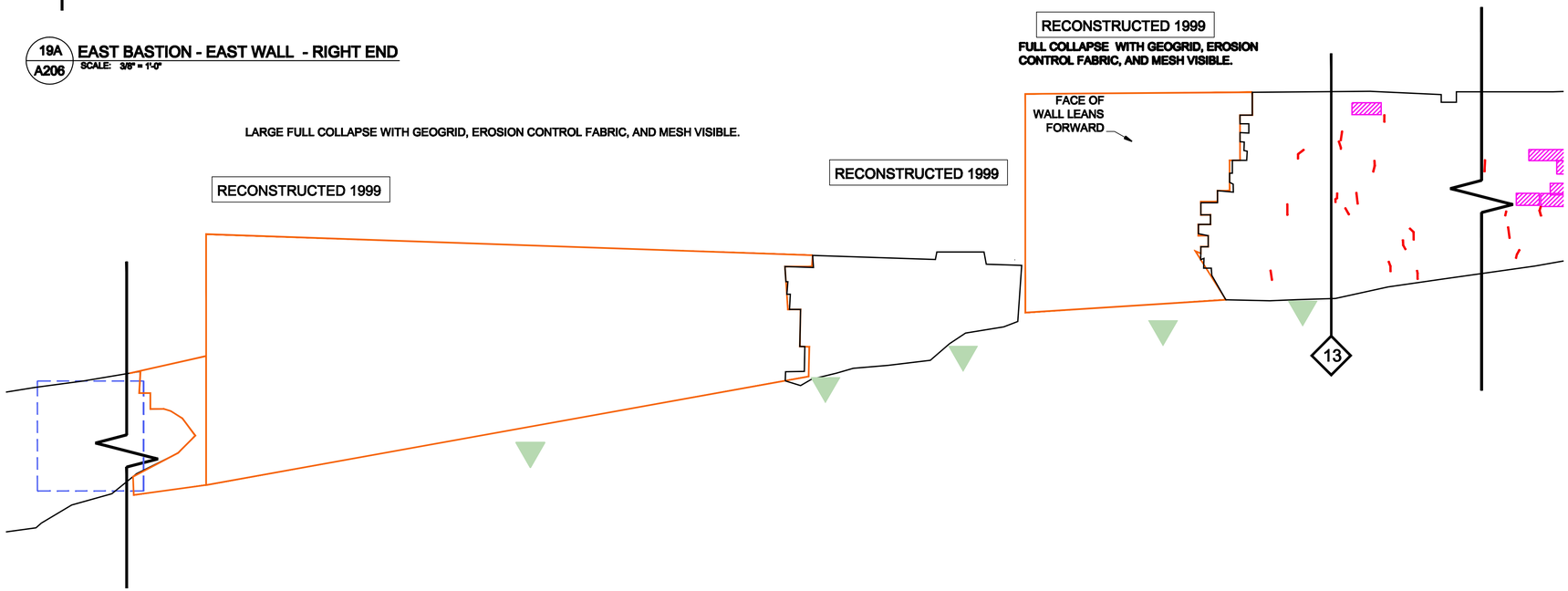
A205

Copyright 2014 John Milner Associates, Inc.

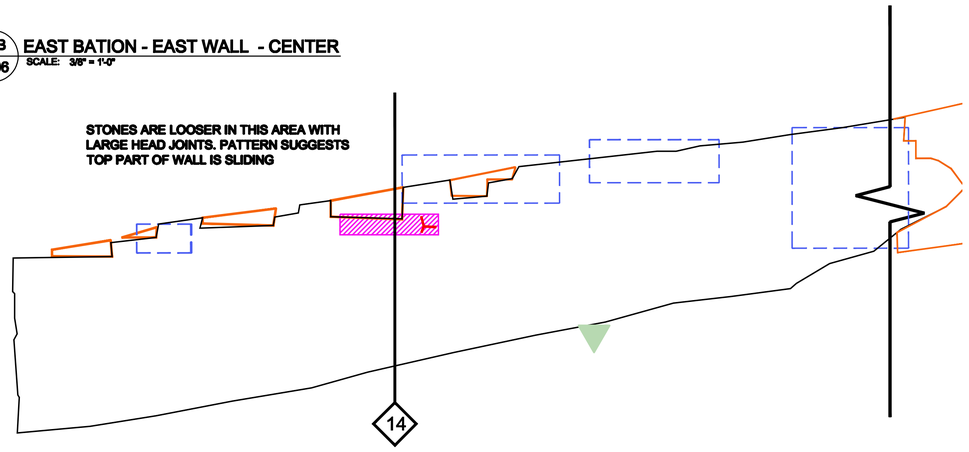
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT LEFT SIDE
STONE SIZE: COMPLETELY DIFFERENT FROM STONE AT REDANS. ASHLAR IS VERY REGULAR IN SIZE.
COURSING: DEFINED COURSING
CHINKING: NONE
VEGETATION: VERY FEW SMALL WEEDS IN FACE, NO TREES
SLOPE: PARALLEL TO WALL



19A / A206 EAST BASTION - EAST WALL - RIGHT END
SCALE: 3/8" = 1'-0"



19B / A206 EAST BATION - EAST WALL - CENTER
SCALE: 3/8" = 1'-0"



19C / A206 EAST BATION - EAST WALL - LEFT END
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:20pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Desg\6 FORTNEGLEY EAST BASTION - E.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.

471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802

johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

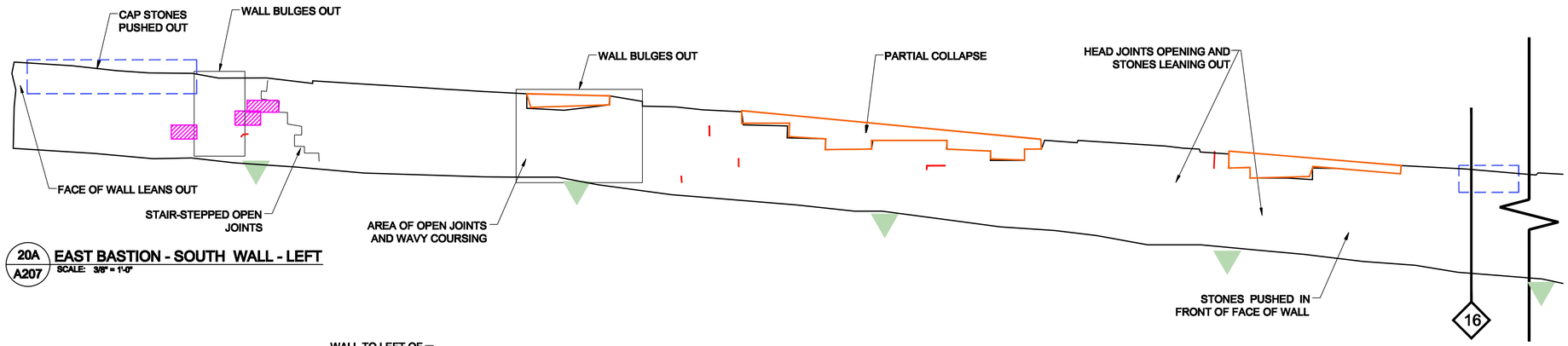
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

East Bastion
East Wall
Line Elevations

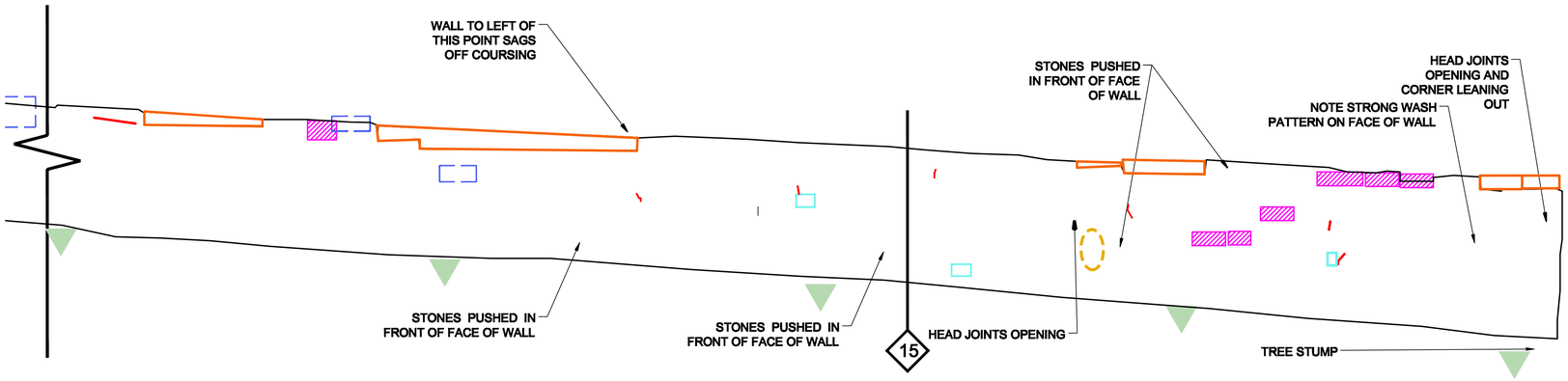
A206

Copyright 2014 John Milner Associates, Inc.

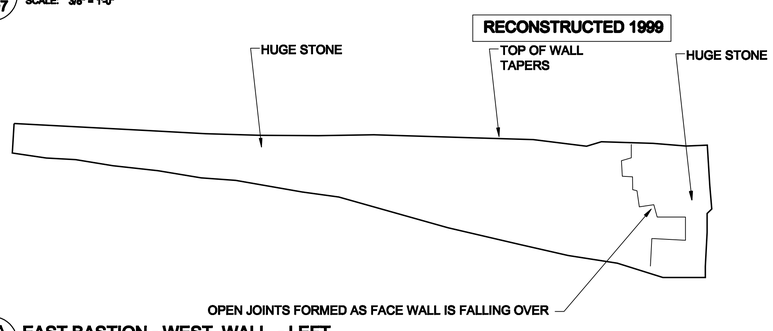


20A / A207 **EAST BASTION - SOUTH WALL - LEFT**
SCALE: 3/8" = 1'-0"

CAMBER: WALLS ARE PERPENDICULAR WITH NO BATTER
STONE SIZE: VERY REGULAR LENGTH AND HEIGHT
COURSING: STRONG COURSING, BUT COURSING IS NOT PARALLEL, RUNS DOWNHILL
CHINKING: MINIMAL, MANY HORIZONTAL GAPS MAY BE FORMER CHINKING LOCATIONS
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: PERPENDICULAR TO WALL, BUT SLIGHT

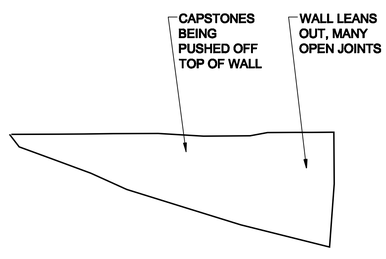


20B / A207 **EAST BASTION - SOUTH WALL - RIGHT**
SCALE: 3/8" = 1'-0"



CAMBER: WALL IS PERPENDICULAR WITH NO BATTER
STONE SIZE: RANDOM SIZES WITH A FEW VERY LARGE STONES
COURSING: SOMEWHAT COURSED
CHINKING: VERY VISIBLE, UNLIKE OTHER BASTION WALLS
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND ADJACENT TO WALL SLOPES TOWARD WALL

21A / A207 **EAST BASTION - WEST WALL - LEFT**
SCALE: 3/8" = 1'-0"



CAMBER: WALL IS PERPENDICULAR WITH NO BATTER
STONE SIZE: LARGE & REGULAR, TOP COURSE IS LARGEST
COURSING: COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND ADJACENT TO WALL SLOPES PARALLEL TO WALL

21B / A207 **EAST BASTION - WEST WALL - RIGHT**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:21pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\7 FORTNEGLEY EAST BASTION - S.dwg

Historic Structures Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

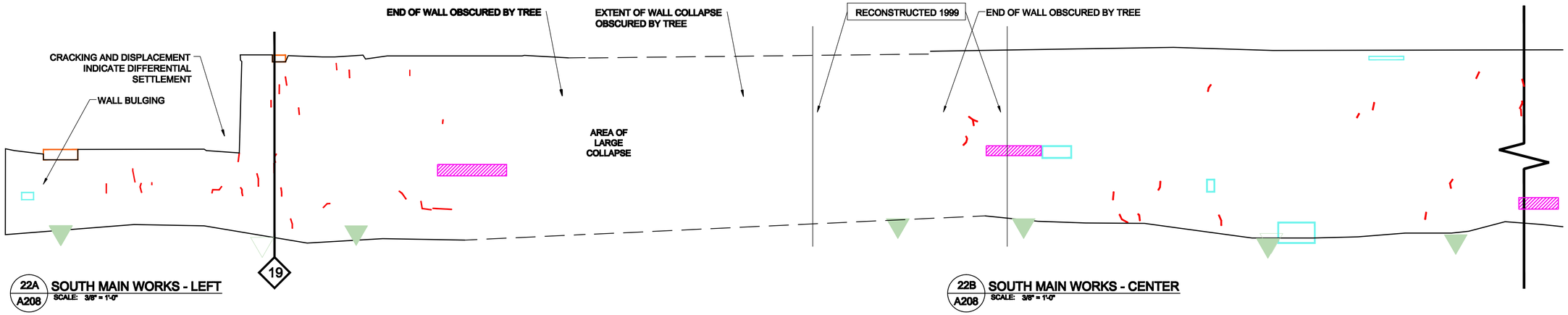
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	October 10, 2013
revised:	

East Bastion
South & West Walls
Line Elevations

A207

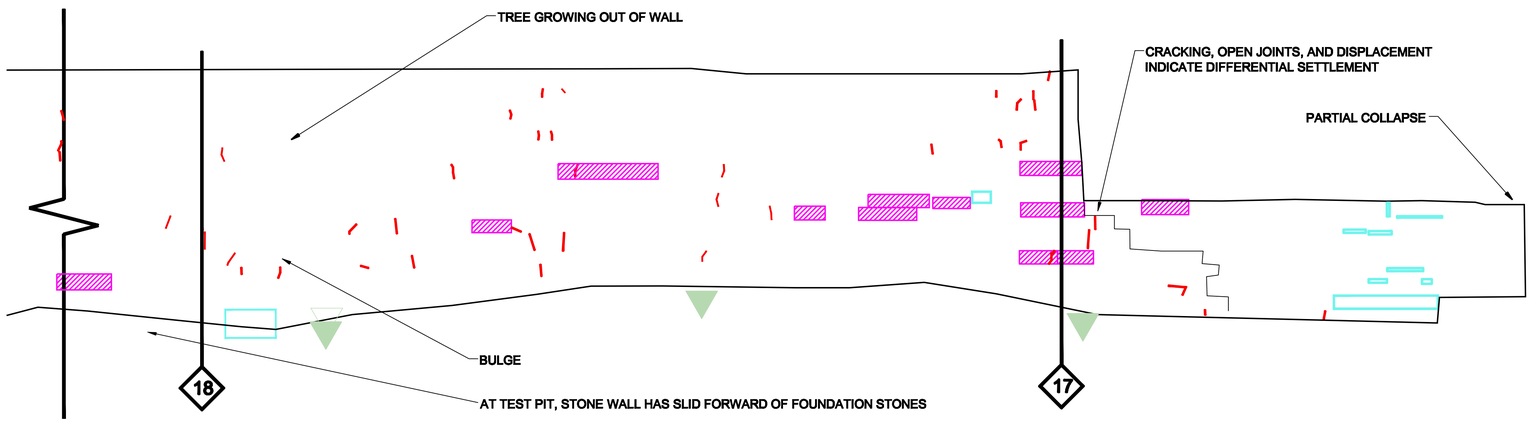
NOT TO SCALE:
reduced size drawing

Copyright 2013 John Milner Associates, Inc.



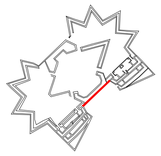
22A A208 SOUTH MAIN WORKS - LEFT
SCALE: 3/8" = 1'-0"

22B A208 SOUTH MAIN WORKS - CENTER
SCALE: 3/8" = 1'-0"



22C A208 SOUTH MAIN WORKS - RIGHT
SCALE: 3/8" = 1'-0"

CAMBER:	WALLS ARE PERPENDICULAR WITH NO BATTER
STONE SIZE:	VERY REGULAR LENGTH AND HEIGHT
COURSING:	STRONG COURSING
CHINKING:	NONE
VEGETATION:	SMALL WEEDS IN FACE, SOME TREES
SLOPE:	AWAY FROM WALL SLIGHTLY SLOPED



Feb 11, 2014 - 12:22pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A1 Dwg\8 FORTNEGLEY SOUTH MAIN WORKS.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.

471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802

johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

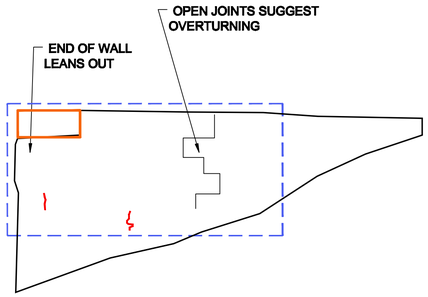
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

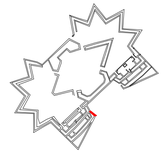
South Main Works
Exterior
Line Elevations

A208

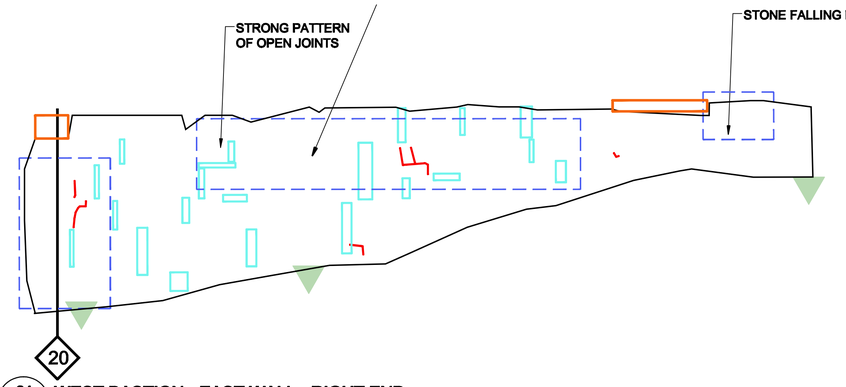
Copyright 2014 John Milner Associates, Inc.



CAMBER: WALL IS PERPENDICULAR WITH MINIMAL BATTER
STONE SIZE: VERY REGULAR - MEDIUM TO LARGE
COURSING: COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND SLOPES AWAY FORM AND PARALLEL TO WALL

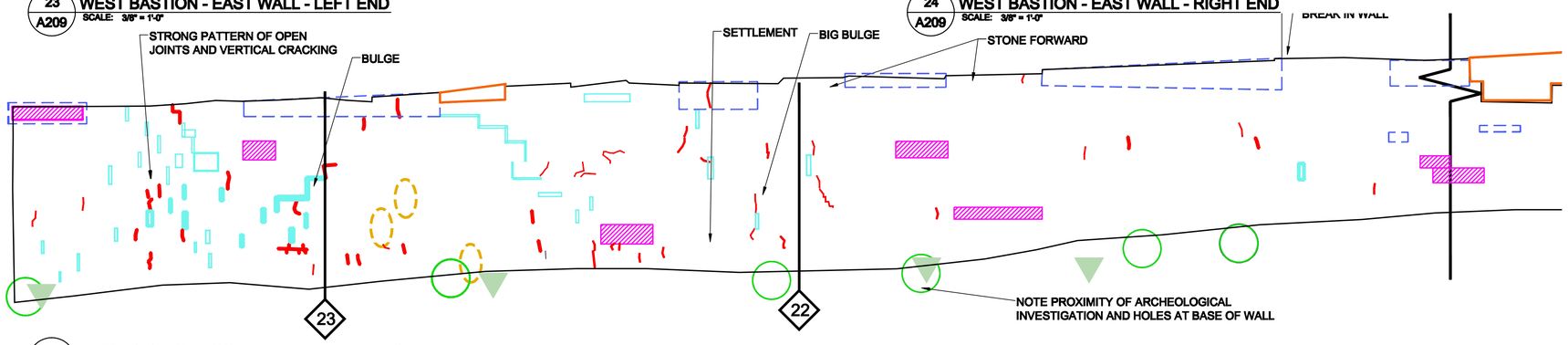


23 A209 WEST BASTION - EAST WALL - LEFT END
SCALE: 3/8" = 1'-0"

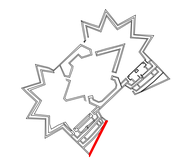


CAMBER: WALL IS PERPENDICULAR WITH ONLY MINIMAL BATTER
STONE SIZE: RANDOM WITH A FEWVERY LARGE STONES
COURSING: SOMEWHAT COURSED, MOSTLY AT LEFT END
CHINKING: MINOR CHINKING WITH A FEW LARGE STONES USED FOR FACE CHINKING.
VEGETATION: SMALL WEEDS IN FACE
SLOPE: GROUND SLOPES AWAY FROM AN PARALLEL TO WALL

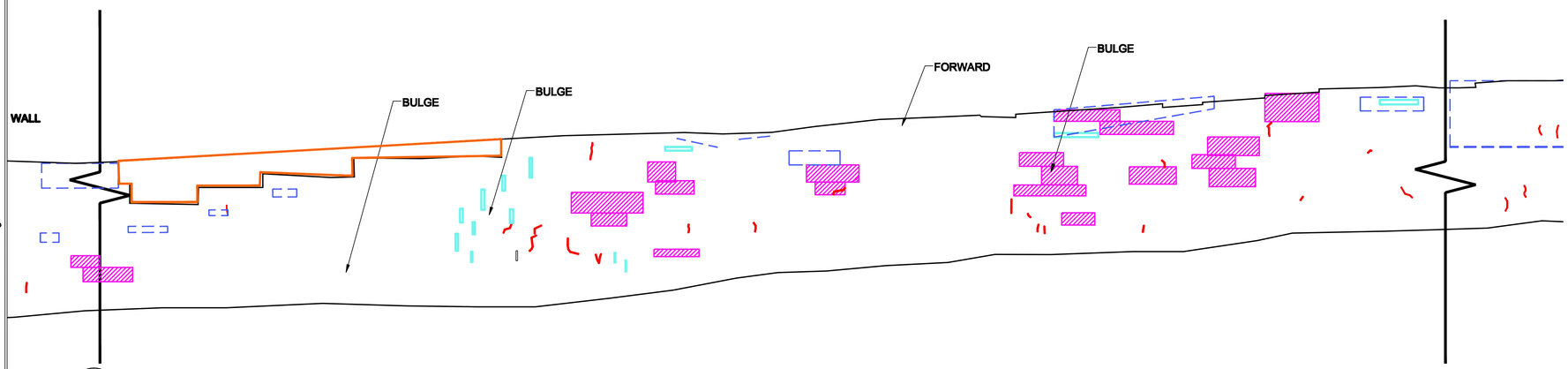
24 A209 WEST BASTION - EAST WALL - RIGHT END
SCALE: 3/8" = 1'-0"



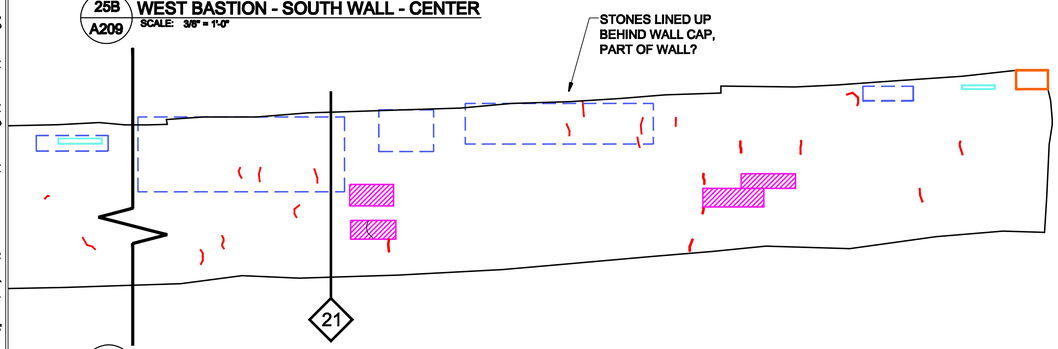
CAMBER: WALLS ARE PERPENDICULAR WITH NO BATTER
STONE SIZE: VERY REGULAR LENGTH AND HEIGHT
COURSING: STRONG COURSING, BUT COURSING IS NOT PARALLEL, RUNS DOWNHILL
CHINKING: MINIMAL, MANY HORIZONTAL GAPS MAY BE FORMER CHINKING LOCATIONS
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: PERPENDICULAR TO WALL, BUT SLIGHT



25A A209 WEST BASTION - SOUTH WALL - LEFT END
SCALE: 3/8" = 1'-0"



25B A209 WEST BASTION - SOUTH WALL - CENTER
SCALE: 3/8" = 1'-0"



25C A209 WEST BASTION - SOUTH WALL - RIGHT END
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:13pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Desg\9 FORTNEGLEY WEST BASTION - S.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

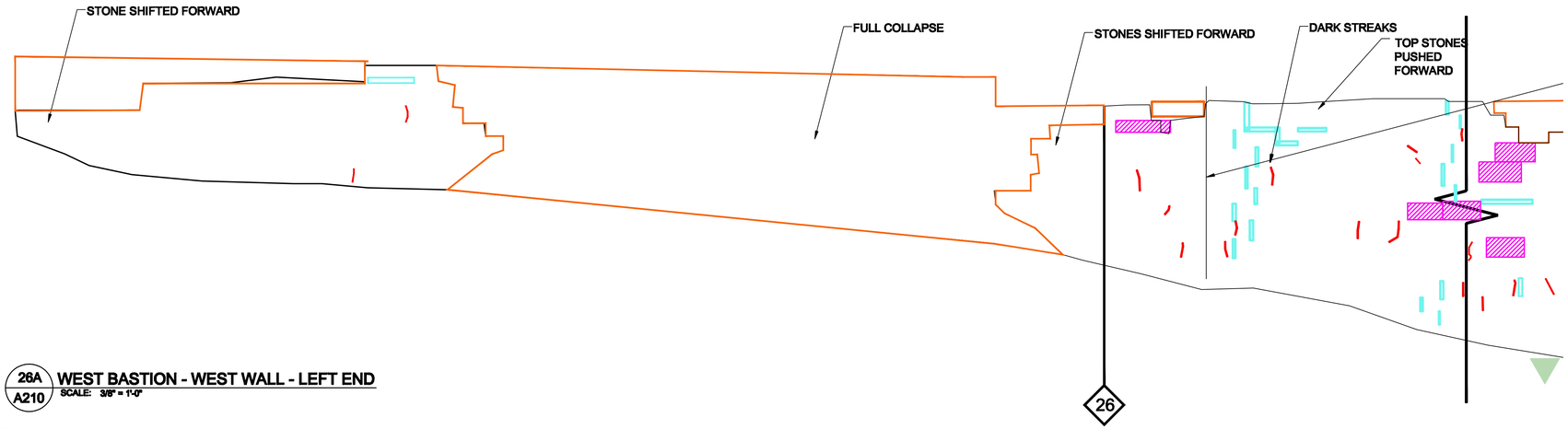
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

West Bastion
East & South Walls
Line Elevations

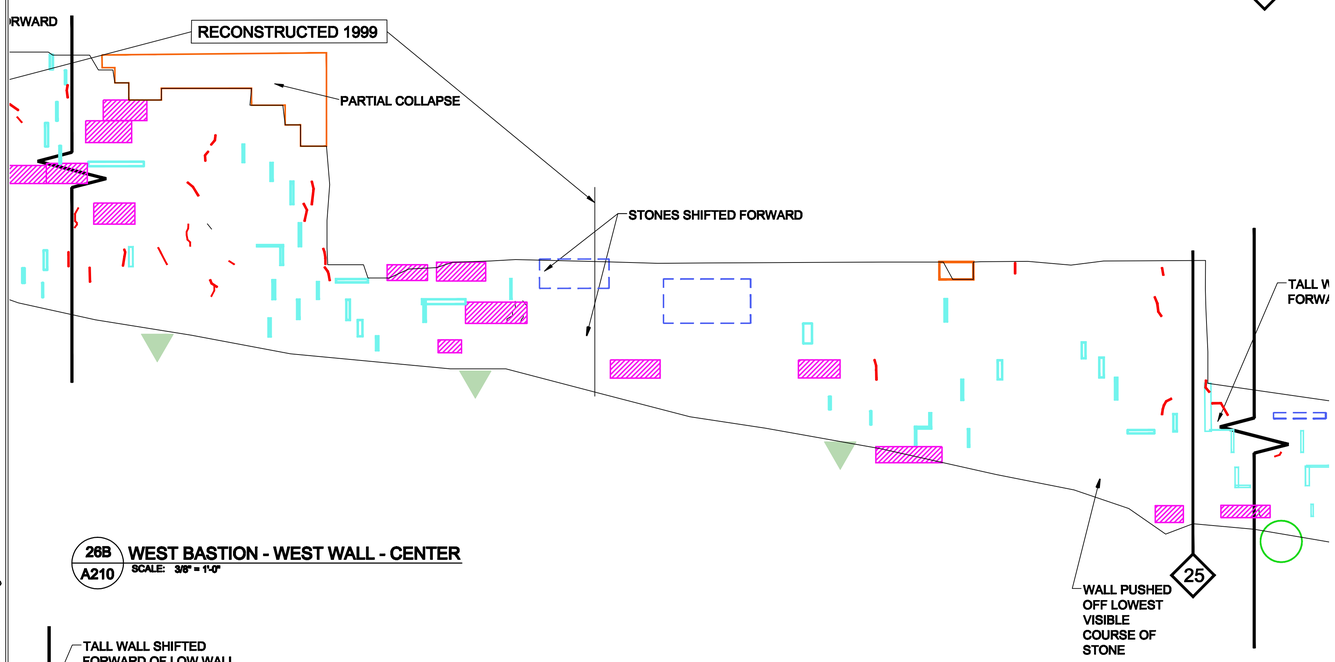
A209

Copyright 2014 John Milner Associates, Inc.

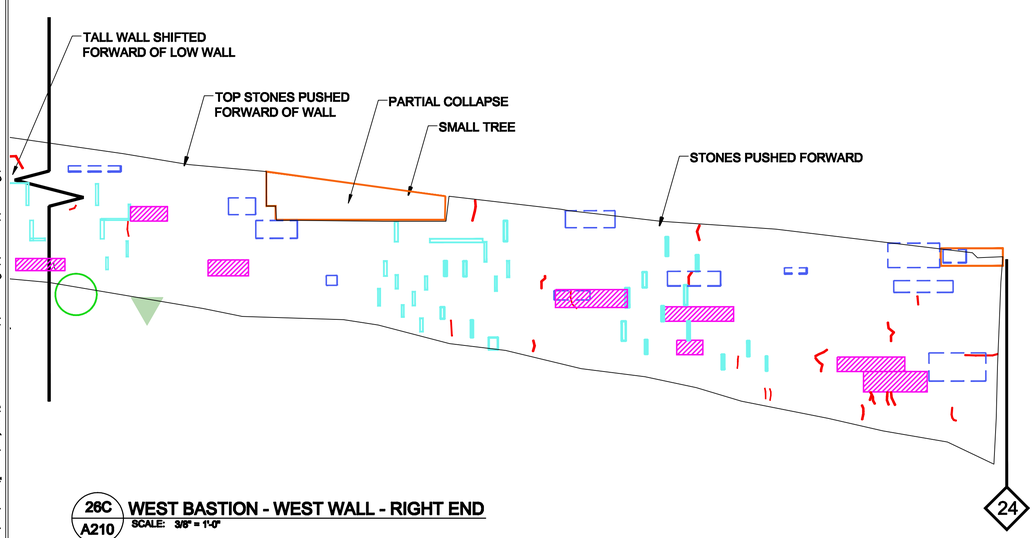


CAMBER: WALL IS MOSTLY BATTERED
STONE SIZE: STONES ARE VERY UNIFORM IN HEIGHT AND LONGER THAN IN OTHER WALLS. TOP STONES ARE CUT AT AN ANGLE
COURSING: COURSED
CHINKING: NONE.
VEGETATION: SMALL WEEDS IN FACE
SLOPE: GROUND SLOPES AWAY FROM AND PARALLEL TO WALL.

26A / A210 **WEST BASTION - WEST WALL - LEFT END**
SCALE: 3/8" = 1'-0"



26B / A210 **WEST BASTION - WEST WALL - CENTER**
SCALE: 3/8" = 1'-0"



26C / A210 **WEST BASTION - WEST WALL - RIGHT END**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 11:44pm P:\Projects\13-FORTNEGLEY\14 Drawings\14A Arch\14A1 Dwg\10 FORTNEGLEY WEST BASTION - W.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

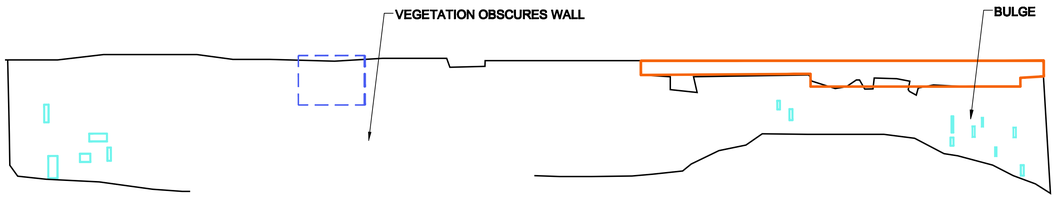
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

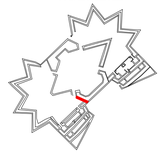
West Bastion
West Exterior Wall
Line Elevations

A210

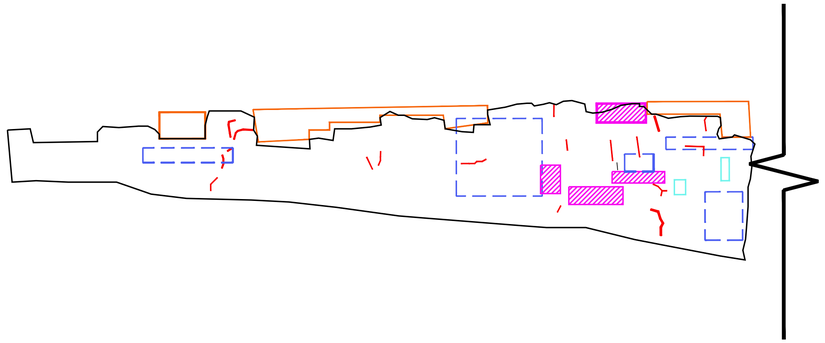
Copyright 2014 John Milner Associates, Inc.



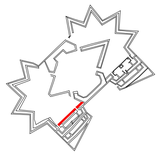
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL



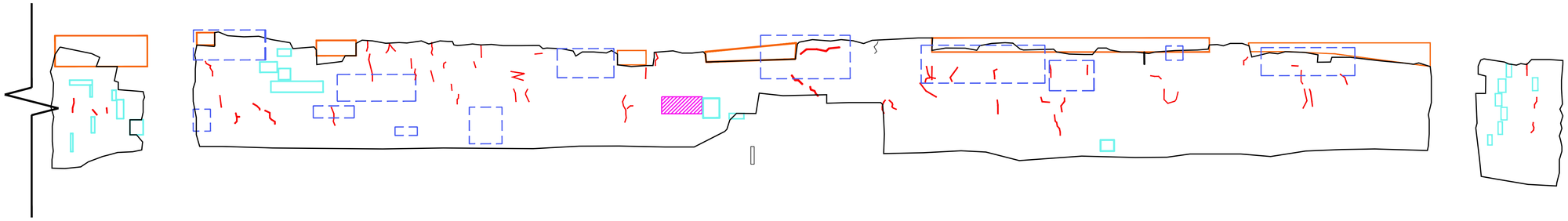
27 / A211 **SOUTH MAIN WORKS - EXTERIOR - WEST FACING BASTION**
SCALE: 3/8" = 1'-0"



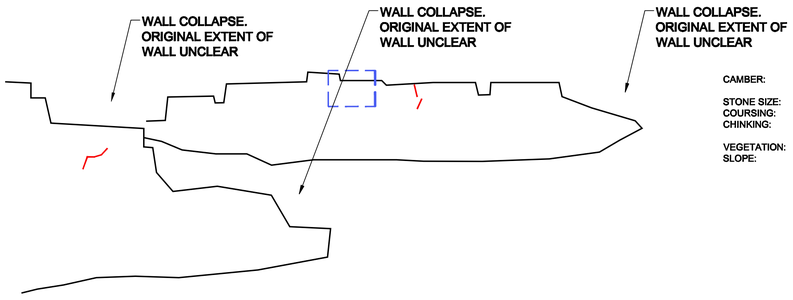
CAMBER: WALLS ARE MOSTLY PERPENDICULAR WITH ONLY BATTERING AT STAIR WALLS
STONE SIZE: RANDOM, MEDIUM TO LARGE
COURSING: IRREGULARLY COURSED
CHINKING: SOME USE OF SMALL AND MEDIUM SIZED STONES FOR CHINKING
VEGETATION: SMALL WEEDS IN FACE. NO TREES
SLOPE: MOSTLY LEVEL



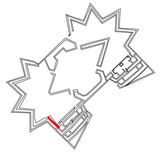
28A / A211 **WEST BASTION - NORTH INTERIOR WALL - EAST END**
SCALE: 3/8" = 1'-0"



28B / A211 **WEST BASTION - NORTH INTERIOR WALL - CENTER**
SCALE: 3/8" = 1'-0"

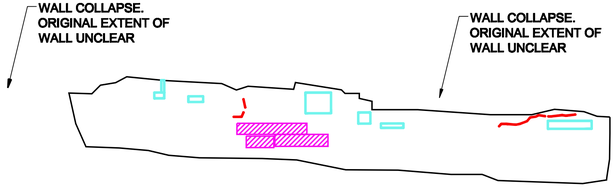


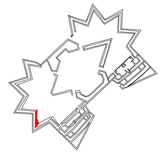
CAMBER: COLLAPSED WALLS, CAMBER NOT APPARENT
STONE SIZE: RANDOM, MEDIUM TO LARGE
COURSING: SOMEWHAT COURSED
CHINKING: SOME USE OF SMALL AND MEDIUM SIZED STONES FOR CHINKING
VEGETATION: WEEDS AND SMALL TREES IN FACE.
SLOPE: VERY STEEP PARALLEL, SLIGHT SLOPE PERPENDICULAR



29 / A211 **WEST BASTION - INTERIOR WALL BETWEEN WEST BASTION AND REDAN #1**
SCALE: 3/8" = 1'-0" (APPROXIMATE)

CAMBER: COLLAPSED WALLS, LEANS FORWARD
STONE SIZE: RANDOM, MEDIUM TO LARGE
COURSING: SOMEWHAT COURSED
CHINKING: SOME USE OF SMALL AND MEDIUM SIZED STONES FOR CHINKING
VEGETATION: WEEDS IN FACE.
SLOPE: SLIGHT SLOPE PERPENDICULAR





30 / A211 **REDAN #1 - NORTH INTERIOR WALL**
SCALE: 3/8" = 1'-0"

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

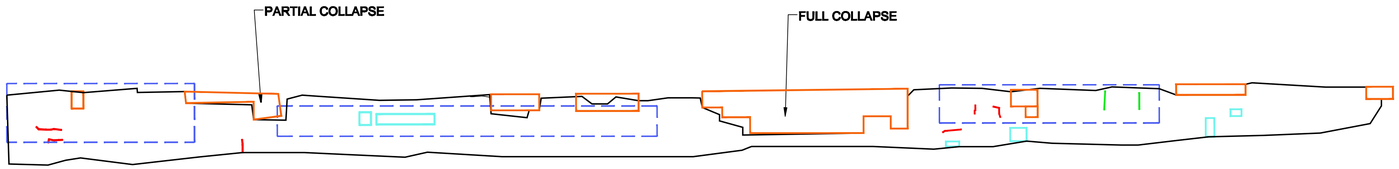
project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

West Bastion North & Redan #1 Interior Photo Elevations

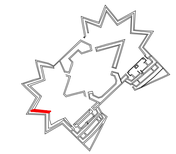
A211

Copyright 2014 John Milner Associates, Inc.

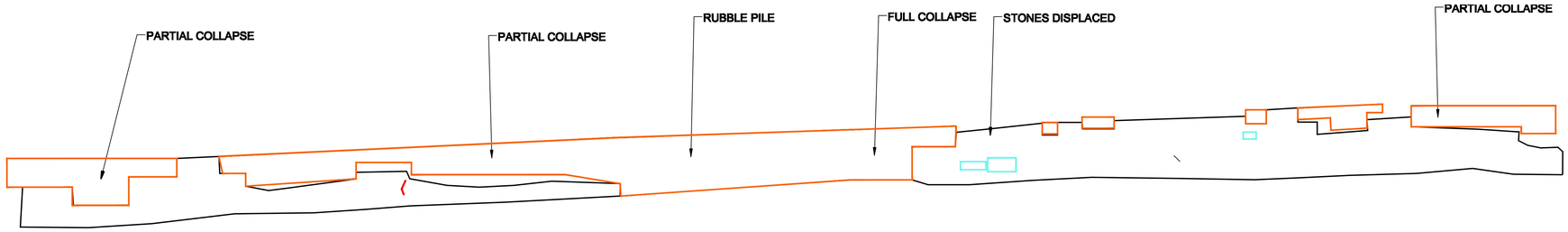
Feb 11, 2014 - 11:23pm P:\Projects\17-FORTNEGLEY\14. Drawings\14A Arch\14A-1 Dwg\17 FORTNEGLEY INT.dwg



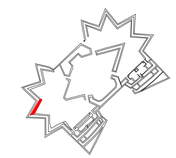
CAMBER:
STONE SIZE: RANDOM, SOME VERY LARGE STONES
COURSING: UNCOURSED
CHINKING: MAY HAVE BEEN A LOT, OPEN JOINTS MAY HAVE HAD CHINKING
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND IS MOSTLY FLAT IN FRONT OF WALL, LOW AREA AT BLOWOUT



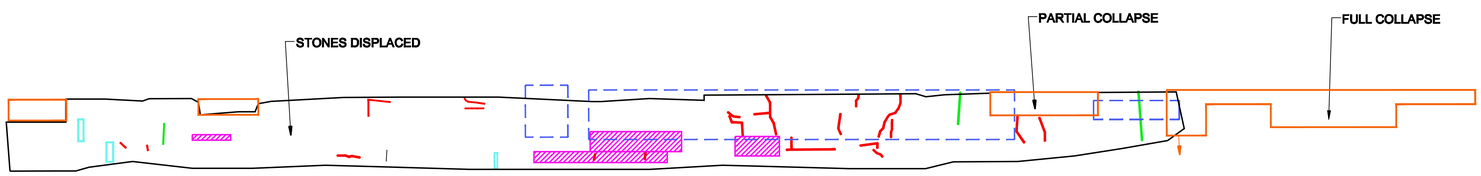
31 A212 **REDAN #2 - INTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"



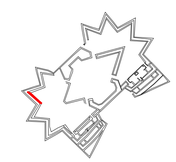
CAMBER: WALL FALLING FORWARD AND COLLAPSED
STONE SIZE: RANDOM, SOME LARGE STONES.
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT.



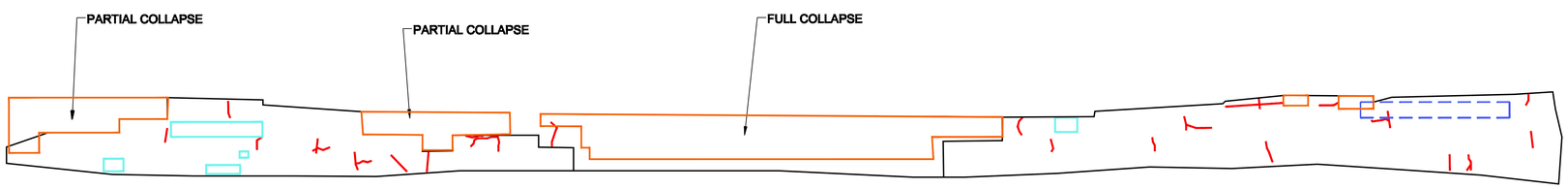
32 A212 **REDAN #2 - INTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"



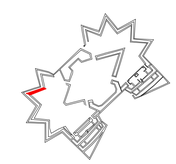
CAMBER: MOSTLY VERTICAL, SOME COLLAPSE AND ROLLING OFF OF CAP
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: MANY SMALL STONES, ALSO LONG THIN STONES
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT



33 A212 **REDAN #3 - INTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"



CAMBER: HEAVILY COLLAPSED
STONE SIZE: VARIES ALONG WALL, REGULAR AT RIGHT END, BUT RANDOM AND ROUNDED IN MIDDLE AT BLOWOUT
COURSING: MOSTLY IRREGULAR, BUT SOME AREAS ARE MORE COURSED
CHINKING: SOME EVIDENCE OF MEDIUM TO SMALL CHINKING REMAINS
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: AWAY FROM WALL



34 A212 **REDAN #3 - INTERIOR - SOUTH SIDE**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 11:27pm P:\Projects\17-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\14 FORTNEGLEY REDAN #3 INTERIOR.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

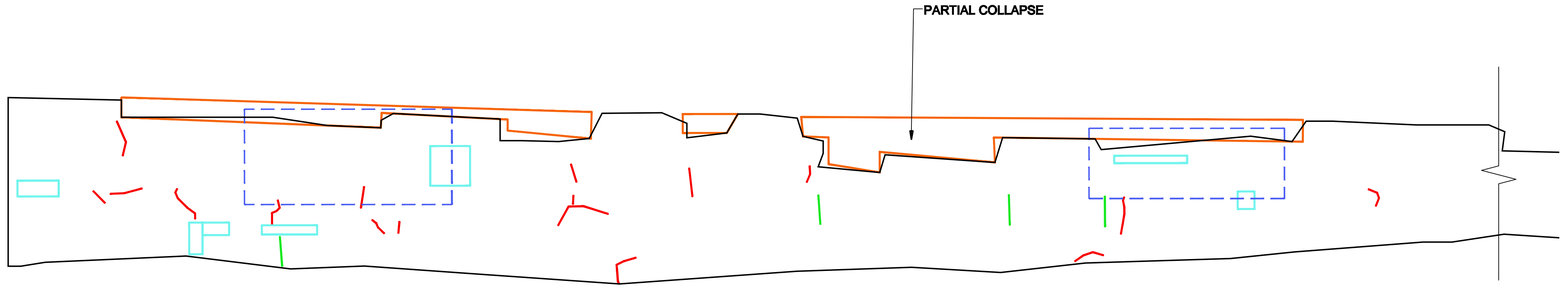
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

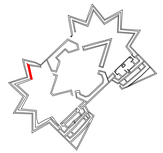
Redans 2 & 3
Interior
Line Elevations

A212

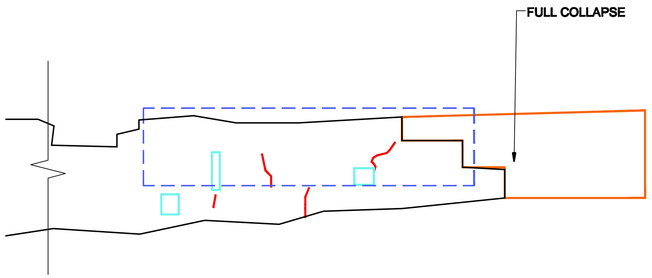
Copyright 2014 John Milner Associates, Inc.



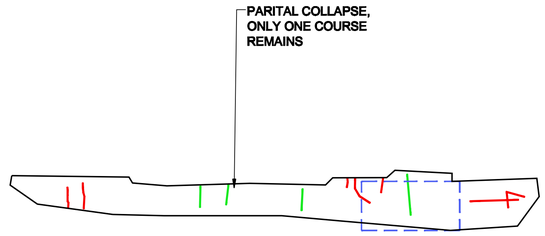
CAMBER: MOSTLY VERTICAL
STONE SIZE: MEDIUM, MOSTLY UNIFORM
COURSING: UNCOURSED
CHINKING: STILL A GOOD AMOUNT VISIBLE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND IS MOSTLY FLAT IN FRONT OF WALL.



35A / A213 **REDAN #4 - INTERIOR - WEST SIDE PARTIAL**
SCALE: 3/8" = 1'-0"

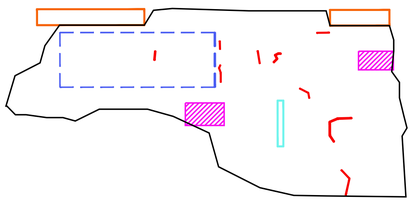


35B / A213 **REDAN #4 - INTERIOR - WEST SIDE CONTINUED**
SCALE: 3/6" = 1'-0"



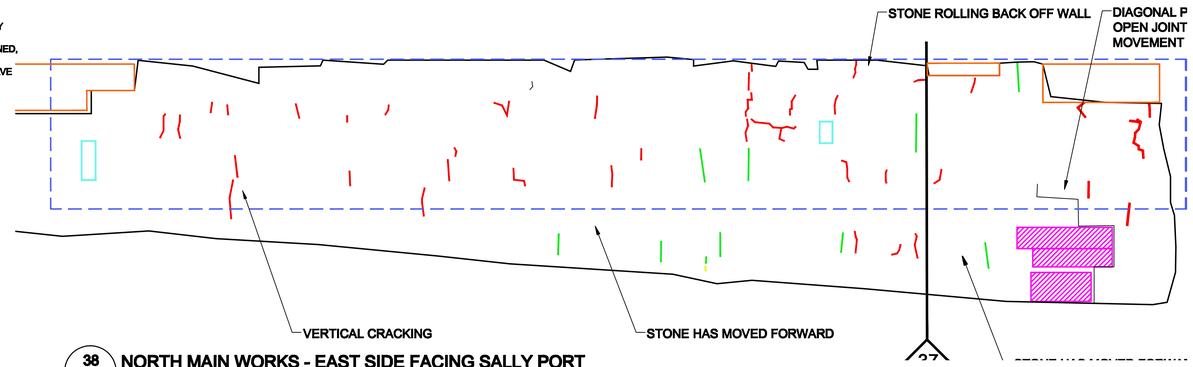
CAMBER: ONLY ONE COURSE REMAINS
STONE SIZE: LARGE STONES.
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.

36 / A213 **REDAN #4 - INTERIOR - EAST SIDE**
SCALE: 3/6" = 1'-0"

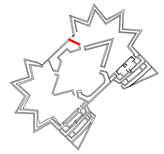


CAMBER: SLIGHTLY BATTERED, BIG RUBBLE PILES ADJACENT
STONE SIZE: RANDOM, SOME LARGE STONES, SOME VERY HORIZONTAL
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: MANY SMALL STONES, LOOKS LIKE MANY HAVE FALLEN OUT
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT

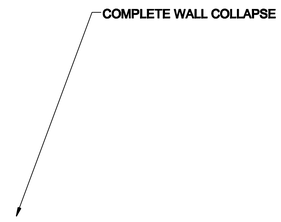
37 / A213 **NORTH MAIN WORKS, WEST SIDE FACING REDAN #4**
SCALE: 3/6" = 1'-0"



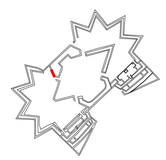
CAMBER: WALLS ARE SLIGHTLY BATTERED
STONE SIZE: IRREGULAR, MANY VERY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: MINIMAL, NOTE USE OF MORTAR IN SOME AREAS
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: AWAY FROM WALL AND ALSO PARALLEL



38 / A213 **NORTH MAIN WORKS - EAST SIDE FACING SALLY PORT**
SCALE: 3/6" = 1'-0"



CAMBER: NOT DISCERNABLE
STONE SIZE: RANDOM,
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE.
VEGETATION: WEEDS AND SMALL TREES IN WALL.
SLOPE: MOSTLY LEVEL IN FRONT



39 / A213 **NORTH MAIN WORKS, WEST SIDE FACING REDAN #4**
SCALE: 3/6" = 1'-0"

Feb 11, 2014 - 12:28pm P:\Projects\15-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\15 FORTNEGLEY REDAN 4 INTERIOR.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

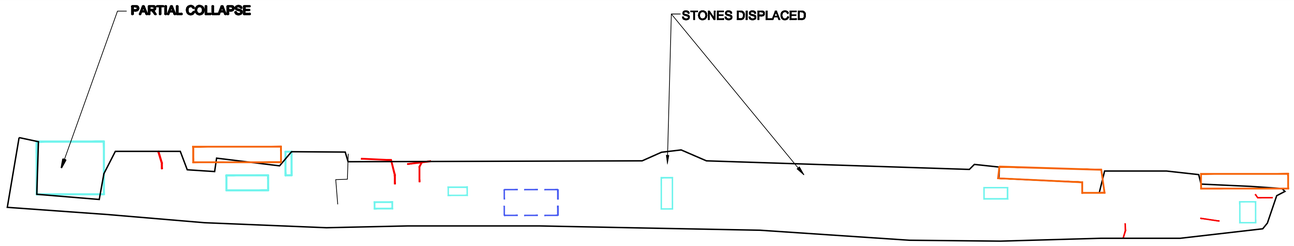
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

Redan # 4, North Main Works Sides, & Sally Port Wall Int. Line Drawings

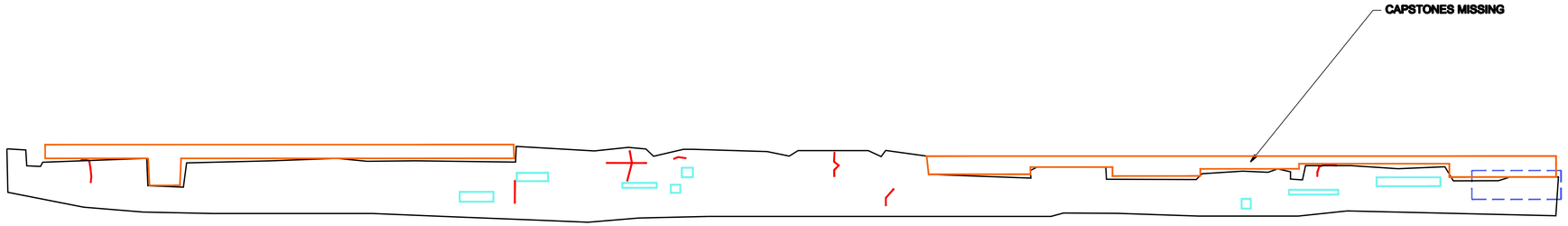
A213

Copyright 2014 John Milner Associates, Inc.



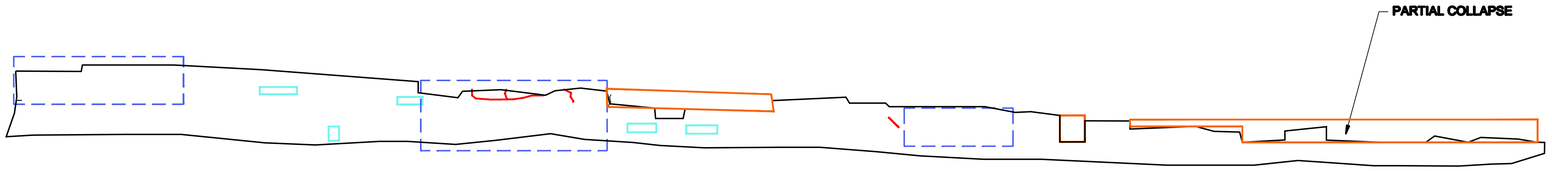
CAMBER: MOSTLY VERTICAL. BLOWOUT AT ONE END AND TOP COURSE IS MOVING FORWARD AND FALLING
STONE SIZE: MEDIUM, FARILY REGULAR
COURSING: IRREGULAR
CHINKING: SOME SMALL STONES, AND GAPS LIKELY FROM PREVIOUS FACE CHINKING
VEGETATION: SOME SMALL WEEDS AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.

40 / A214 **REDAN #5 INTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"



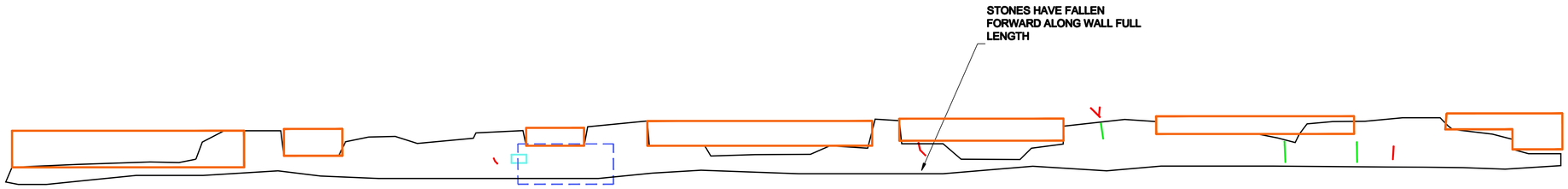
CAMBER: ONLY ONE COURSE REMAINS
STONE SIZE: LARGE STONES.
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.

41 / A214 **REDAN #5 INTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"



CAMBER: NOT DISCERNABLE. STONES FALLING FORWARD AND BACKWARD FROM TOP.
STONE SIZE: LARGE STONES, VERY SQUARED.
COURSING: SOMEWHAT COURSED
CHINKING: SOME STILL VISIBLE, BUT LOOKS LIKE ALOT HAVE FALLEN OUT
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.

42 / A214 **REDAN #6 INTERIOR - WEST SIDE**
SCALE: 3/8" = 1'-0"



CAMBER: ONLY ONE COURSE REMAINS
STONE SIZE: LARGE STONES.
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.

43 / A214 **REDAN #6 INTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:29pm P:\Projects\03-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\14 FORTNEGLEY REDANS 5-6 INTERIOR.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

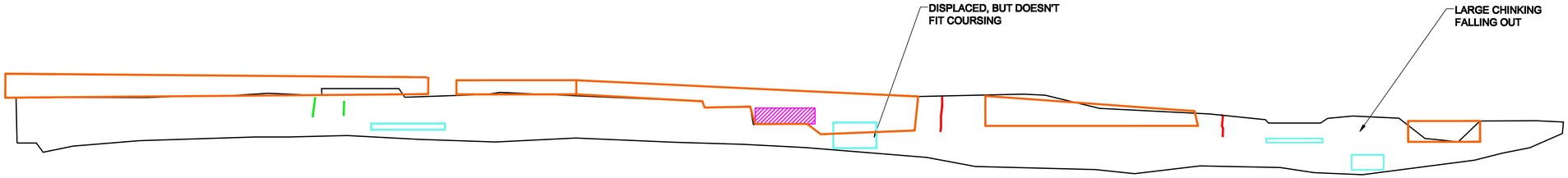
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

Redans 5 & 6
Interior
Line Elevations

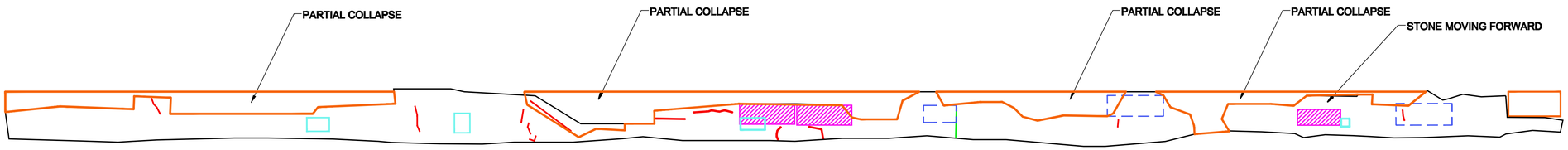
A214

Copyright 2014 John Milner Associates, Inc.



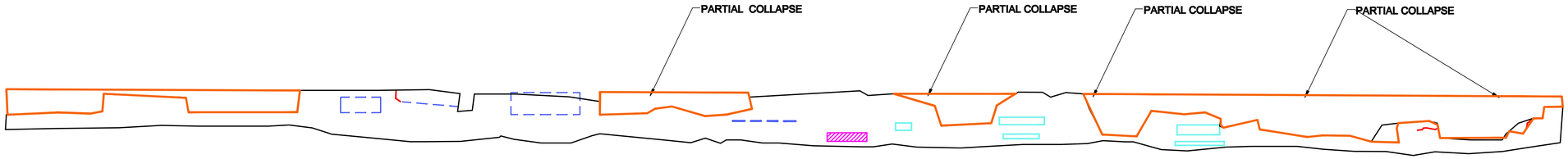
44 / A215 **REDAN #7 INTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERTICAL. BLOWOUT AT ONE END AND TOP COURSE IS MOVING FORWARD AND FALLING
STONE SIZE: MIXED, SOME VERY LARGE
COURSING: IRREGULAR
CHINKING: SOME SMALL STONES, AND GAPS LIKELY FROM PREVIOUS FACE CHINKING
VEGETATION: SOME SMALL WEEDS AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.



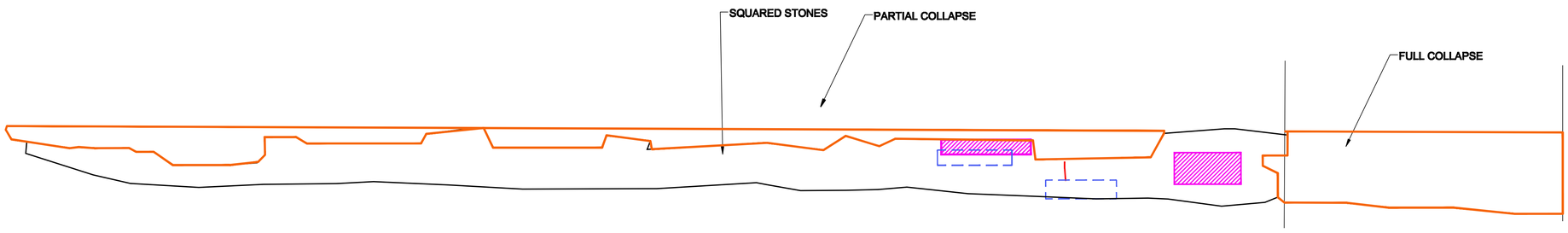
45 / A215 **REDAN #7 INTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: VERTICAL, OR STONES FALLING FORWARD AND BLOWOUTS
STONE SIZE: MIXED, SOME LARGE STONES.
COURSING: IRREGULAR
CHINKING: FACE CHINKING IS FALLING OUT
VEGETATION: VINES AND WEEDS
SLOPE: MOSTLY LEVEL IN FRONT.



46 / A215 **REDAN #8 INTERIOR - NORTH SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: VERTICAL, STONES FALLING FORWARD OR BLOWOUTS
STONE SIZE: MIXED
COURSING: SOMEWHAT COURSED
CHINKING: SOME LARGER STONES USED FOR CHINKING. MANY HAVE FALLEN OUT.
VEGETATION: GRASS, VINES, AND SOME SMALL SUMAC TREES.
SLOPE: MOSTLY LEVEL IN FRONT.



47 / A215 **REDAN #8 INTERIOR - EAST SIDE**
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERITCAL, SEVERAL BLOWOUTS, TOP COURSE MISSING
STONE SIZE: MIXED.
COURSING: IRREGULAR
CHINKING: NOT DISCERNABLE
VEGETATION: GRASSES AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

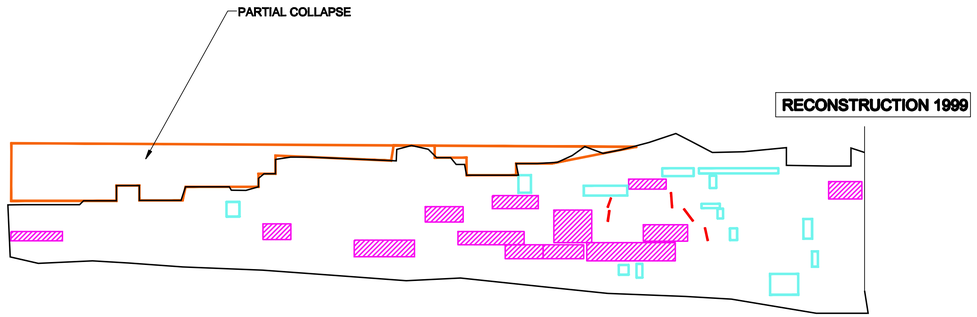
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

Redans 7 & 8
Interior
Line Elevations

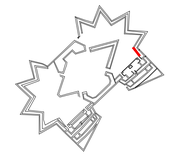
A215

Copyright 2014 John Milner Associates, Inc.

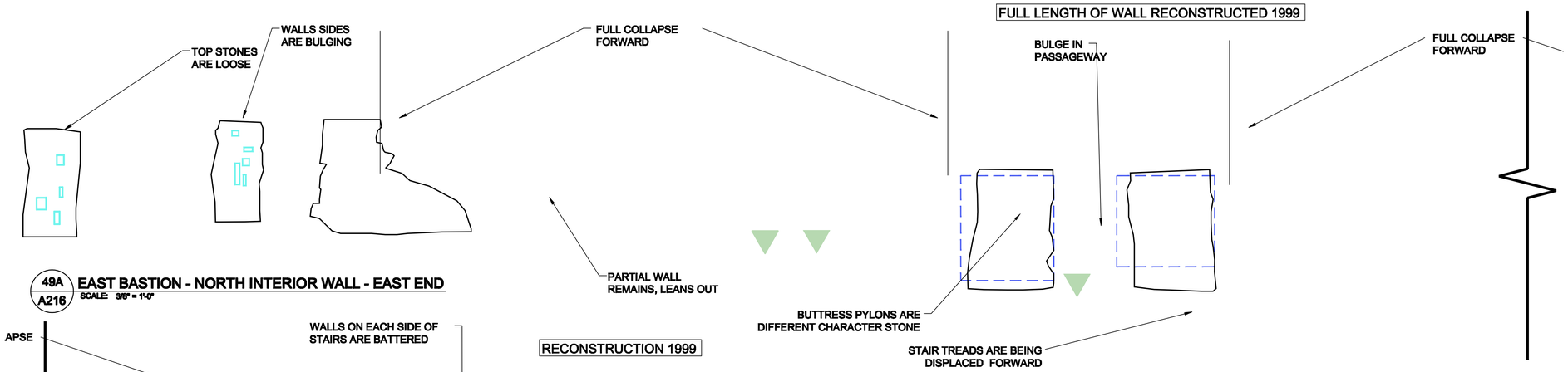
Feb 11, 2014 - 11:39am P:\Projects\07-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\07 FORTNEGLEY REDANS 7-8 INTERIOR.dwg



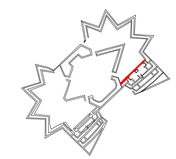
CAMBER: WALL IS PERPENDICULAR WITH MINIMAL BATTER
STONE SIZE: MEDIUM TO SMALL STONES
COURSING: SOMEWHAT COURSED, MORE COURSED ON RIGHT THAN LEFT
CHINKING: SMALL ROCKS USED AS FACE CHINKING
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND IS FAIRLY LEVEL



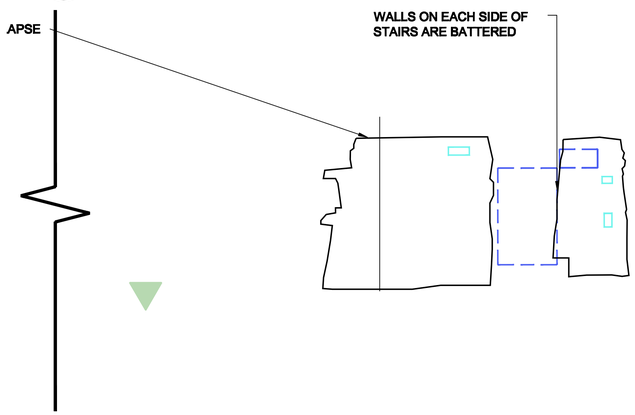
48 / A216 **EAST BASTION - REDAN #8 CONNECTION WALL**
SCALE: 3/8" = 1'-0"



CAMBER: WALLS ARE BULGING OR HAVE COLLAPSED FORWARD. WALLS AT STAIR ARE BATTERED.
STONE SIZE: IRREGULAR, EXCEPT AT BUTRESSES AT PORTAL. STONES MEDIUM SIZE.
COURSING: STRONG COURSING, WHERE WALLS STILL REMAIN
CHINKING: LARGE AND SMALL CHINKING USED, MANY GAPS AT FORMER CHINKING
VEGETATION: SMALL WEEDS IN FACE. SAPLINGS VISIBLE ALONG WALL
SLOPE: MOSTLY LEVEL IN FRONT OF WALL

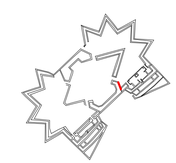


49A / A216 **EAST BASTION - NORTH INTERIOR WALL - EAST END**
SCALE: 3/8" = 1'-0"



CAMBER: WALLS HAS COLLAPSED.
STONE SIZE: NONE REMAINING
COURSING: NONE REMAINING
CHINKING: NONE REMAINING
VEGETATION: VEGETATION COMPLETELY COVERS THE FORMER WALL AREA.
SLOPE: MOSTLY LEVEL IN FRONT OF WALL

WALL HAS COLLAPSED



49B / A216 **EAST BASTION - NORTH INTERIOR WALL - WEST END**
SCALE: 3/8" = 1'-0"

50 / A216 **SOUTH MAIN WORKS - WEST WALL - FACING EAST BASTION**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:33pm P:\Projects\p-FORTNEGLEY\04 Drawings\04A Arch\04A-1 Dwg\06 FORTNEGLEY BASTIONS- NORTH WALLS.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

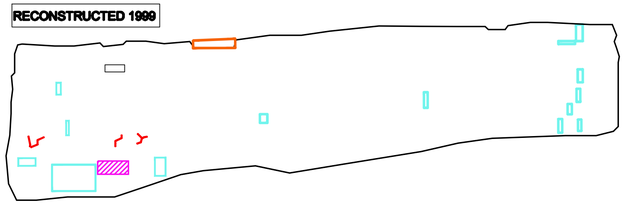
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

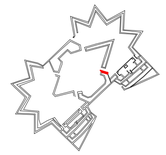
East Bastion
North Walls
Line Elevations

A216

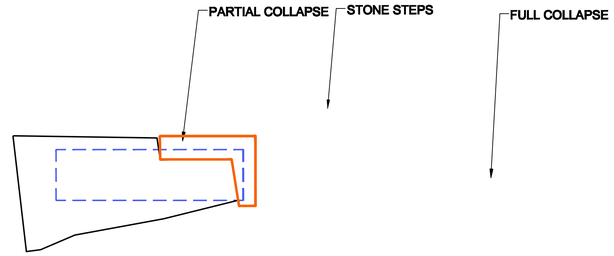
Copyright 2014 John Milner Associates, Inc.



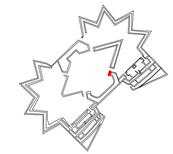
CAMBER: SLIGHTLY BATTERED
STONE SIZE: MEDIUM. MANY VERY HORIZONTAL AND THIN
COURSING: IRREGULAR
CHINKING: HEAVY IN AREAS, LARGE PEBBLES AND FLAT STONES
VEGETATION: SMALL WEEDS IN FACE
GRADE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL



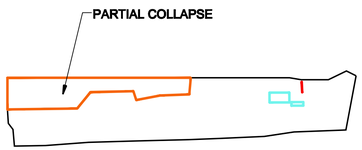
51 / A217 SOUTH MAIN WORKS - EAST - FACING EAST INNER WORKS
SCALE: 3/8" = 1'-0"



CAMBER: WALL MOSTLY COLLAPSED
STONE SIZE: MEDIUM, UNIFORM
COURSING: FAIRLY WELL COURSED
CHINKING: NONE
VEGETATION: MINIMAL
CRACKS: PARALLEL TO WALL

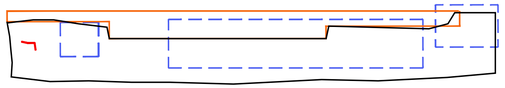


52 / A217 SOUTH MAIN WORKS - EAST - END FACING STOCKADE AREA
SCALE: 3/8" = 1'-0" NOTE: PHOTO TAKEN FROM ABOVE BARRICADS, VERTICAL SCALE NOT ACCURATE



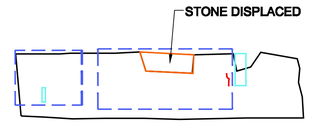
CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL.

53 / A217 SOUTH MAIN WORKS - INTERIOR - EAST END - NORTH SECTION
SCALE: 3/8" = 1'-0"

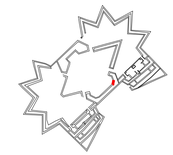


CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL.

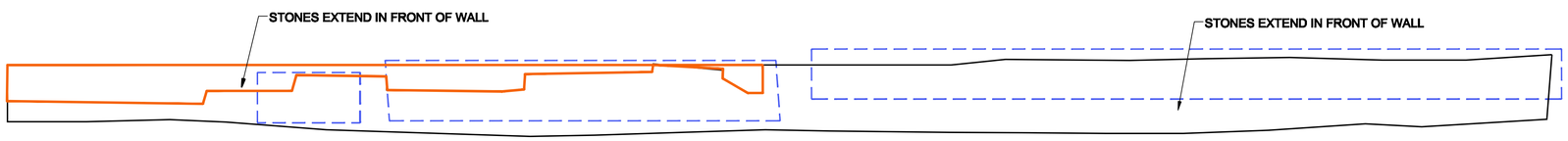
54 / A217 SOUTH MAIN WORKS - INTERIOR - EAST - CENTER SECTION
SCALE: 3/8" = 1'-0"



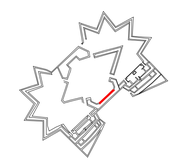
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL



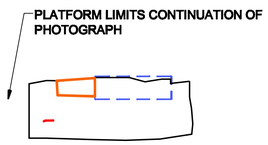
55 / A217 SOUTH MAIN WORKS - INTERIOR - EAST - SOUTH SECTION
SCALE: 3/8" = 1'-0"



CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL

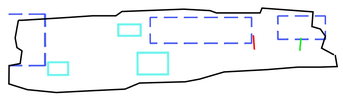


56 / A217 SOUTH MAIN WORKS - INTERIOR - NORTH WALL
SCALE: 3/8" = 1'-0"



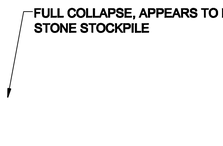
CAMBER: VERTICAL
STONE SIZE: MEDIUM
COURSING: COURSED
CHINKING: A FEW SMALL STONES
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: LEVEL PARALLEL TO WALL

57 / A217 SOUTH MAIN WORKS - INTERIOR - WEST END
SCALE: 3/8" = 1'-0"

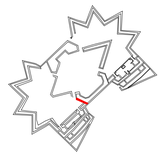


CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: SOMEWHAT COURSED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY SLIGHTLY ROUGHLY PERPENDICULAR TO WALL.

58 / A217 SOUTH MAIN WORKS - INTERIOR - WEST END - NORTH SECTION
SCALE: 3/8" = 1'-0"



CAMBER: NOT DISCERNABLE
STONE SIZE: NOT DISCERNABLE
COURSING: NOT DISCERNABLE
CHINKING: NTO DISCERNABLE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY SLIGHTRLY ROUGHLY PERPENDICULAR TO WALL. FAIRLY LEVEL



59 / A217 SOUTH MAIN WORKS - EXTERIOR - WEST FACING BASTION
SCALE: 3/8" = 1'-0"

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

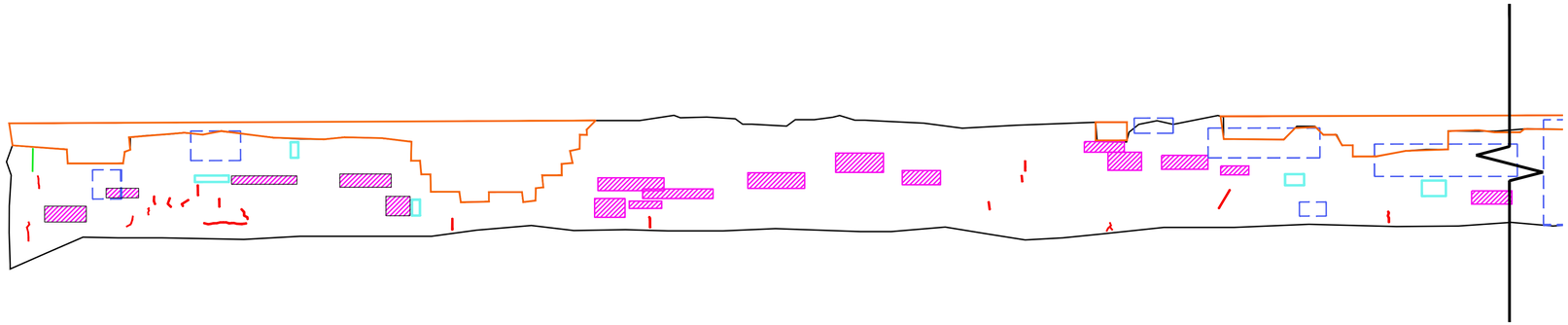
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

South Main Works
Interior
Line Elevations

A217

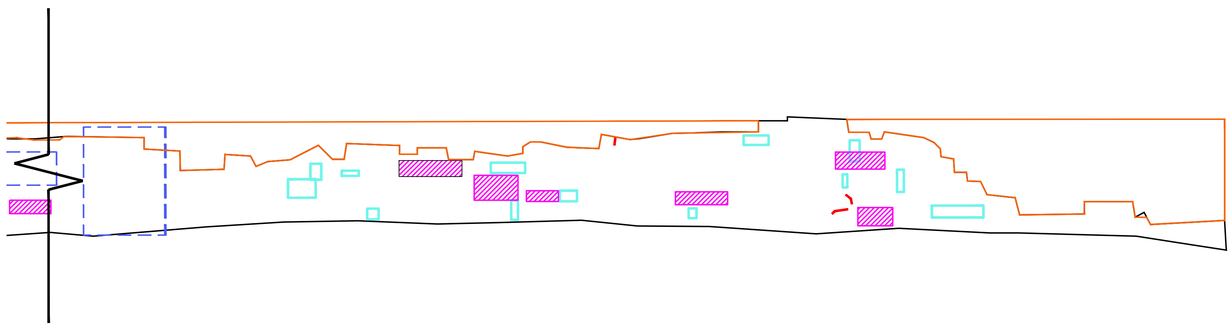
Copyright 2014 John Milner Associates, Inc.

Feb 11, 2014 - 12:56pm P:\Projects\17-FORTNEGLEY\14. Drawings\14A Arch\14A-1 Dwg\17 FORTNEGLEY SOUTH MAIN WORKS INT.dwg



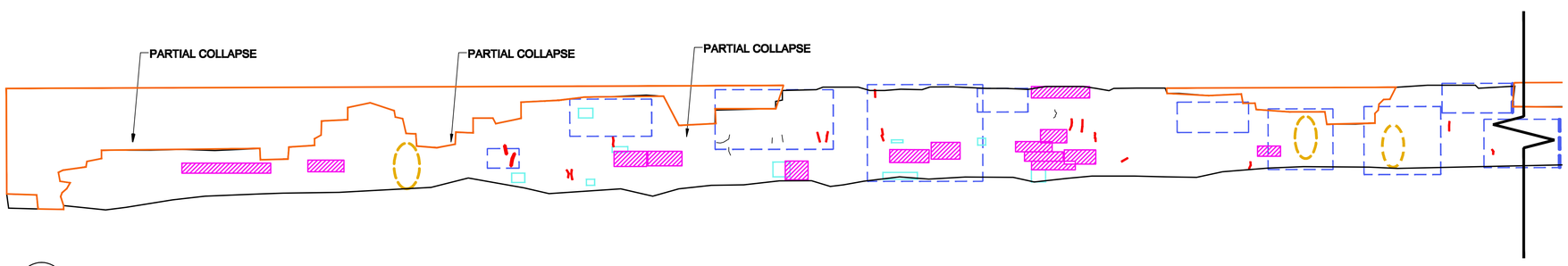
60A / A218 EAST INNER WORKS - EXTERIOR - SOUTH - LEFT END
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERTICAL
STONE SIZE: MEDIUM, HOIZONTAL, FAIRLY HOMOGENOUS
COURSING: FAIRLY WELL COURSED
CHINKING: NOT MUCH, BUT SOIL FILLS JOINTS
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY SLIGHTLY, ROUGHLY PERPENDICULAR TO WALL

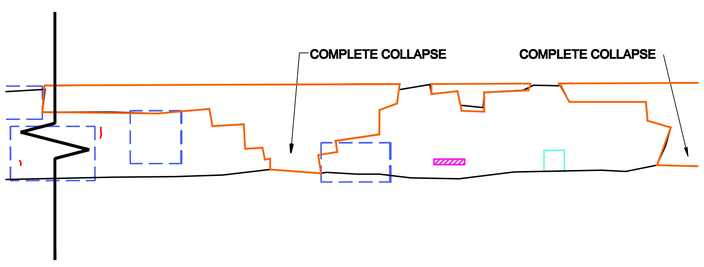


60B / A218 EAST INNER WORKS - EXTERIOR - SOUTH - RIGHT END
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERTICAL
STONE SIZE: MEDIUM, HOIZONTAL, FAIRLY HOMOGENOUS
COURSING: FAIRLY WELL COURSED
CHINKING: NOT MUCH, BUT SOIL FILLS JOINTS
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY SLIGHTLY, ROUGHLY PERPENDICULAR TO WALL



61A / A218 EAST INNER WORKS - EXTERIOR - NORTH - LEFT END
SCALE: 3/8" = 1'-0"



61B / A218 EAST INNER WORKS - EXTERIOR - NORTH - RIGHT END
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:37pm P:\Projects\13-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Desg\18 FORTNEGLEY WEST INNER WORKS.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.

471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802

johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200
Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

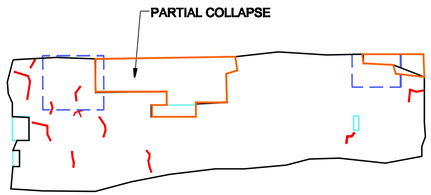
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

East Inner works
Exterior
Line Elevations

A218

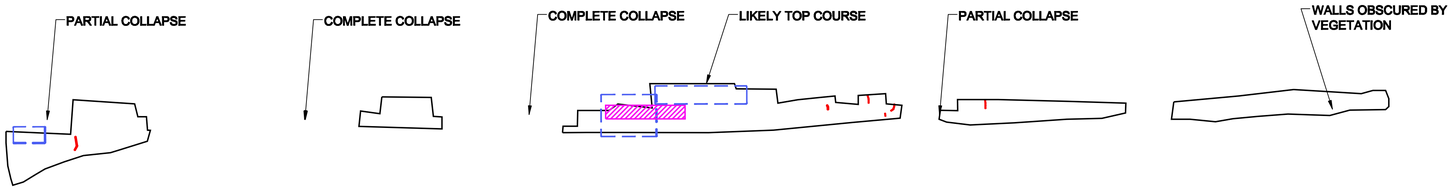
Copyright 2014 John Milner Associates, Inc.



CAMBER: VERTICAL OR LEANING OUT
STONE SIZE: MEDIUM AND LARGE, BY CORSE
COURSING: COURSED
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PARALLEL TO WALL.

62 / A219 EAST INNER WORKS - NORTH END FACING NORTH MAIN WORKS

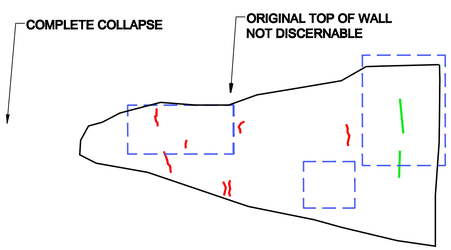
SCALE: 3/8" = 1'-0"



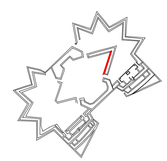
CAMBER: VERTICAL OR LEANING OUT
STONE SIZE: MEDIUM AND FAIRLY REGULAR
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL

63 / A219 EAST INNER WORKS - INTERIOR - NORTH

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

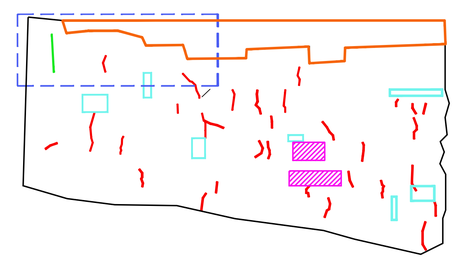


CAMBER: VERTICAL
STONE SIZE: RANDOM, NOT MUCH LEFT. NOTE SOIL FILLING JOINTS
COURSING: FAIRLY WELL COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY ROUGHLY PARALLEL TO WALL

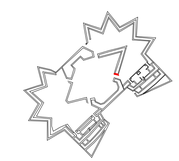


64 / A219 EAST INNER WORKS - INTERIOR - SOUTH (PARTIAL)

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



CAMBER: MOSTLY VERTICAL OR LEANING OUT.
STONE SIZE: MEDIUM TO LARGE, VERY HORIZONTAL. NOTE LARGE NUMBER OF CRACKS
COURSING: FAIRLY WELL COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY ROUGHLY PARALLEL TO WALL



65 / A219 EAST INNER WORKS - SOUTH END FACING SOUTH MAIN WORKS

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

Feb 11, 2014 - 11:58pm P:\Projects\19-FORTNEGLEY\14. Drawings\14A Arch\14A.1 Dwg\19 FORTNEGLEY EAST INNER WORKS INT2.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

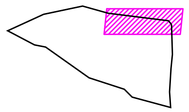
project:	FORTNEGLEY
drawn:	CQ
checked:	
phase:	HSR
date:	31 January 2014
revised:	

East Inner Works Interior & North Main Works Interior Line Elevations

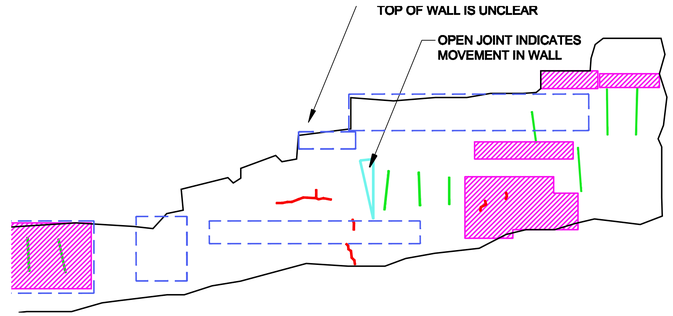
A219

Copyright 2014 John Milner Associates, Inc.

CAMBER: MOSTLY VERTICAL
STONE SIZE: MIXED, BUT SOME VERY LARGE STONES. SOME OF BAD QUALITY
COURSING: IRREGULAR COURSING
CHINKING: NONE
VEGETATION: MINIMAL
SLOPE: SLOPED STEEPLY PARALLEL TO WALL

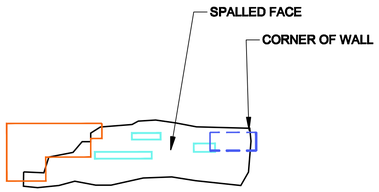


66 A220 **WEST INNER WORKS - SOUTH END - FACING SOUTH**
SCALE: 3/8" = 1'-0"

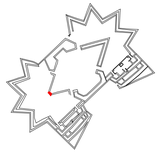


67 A220 **WEST INNER WORKS - SOUTH END - FACING SOUTH MAIN WORKS**
SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERTICAL
STONE SIZE: MIXED, BUT SOME VERY LARGE STONES. SOME OF BAD QUALITY
COURSING: IRREGULAR COURSING
CHINKING: SOME SMALL STONES, FALLING OUT IN AREAS
VEGETATION: MINIMAL
SLOPE: SLOPED PARALLEL TO WALL

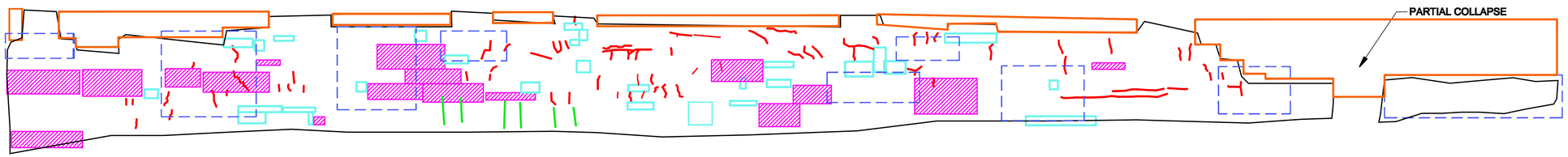


CAMBER: WALLS ARE VERTICAL
STONE SIZE: IRREGULAR, MANY VERY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: LARGE CHINKING STONES HAVE FALLEN OUT
VEGETATION: SMALL WEEDS IN FACE
SLOPE: AWAY FROM WALL SLIGHTLY



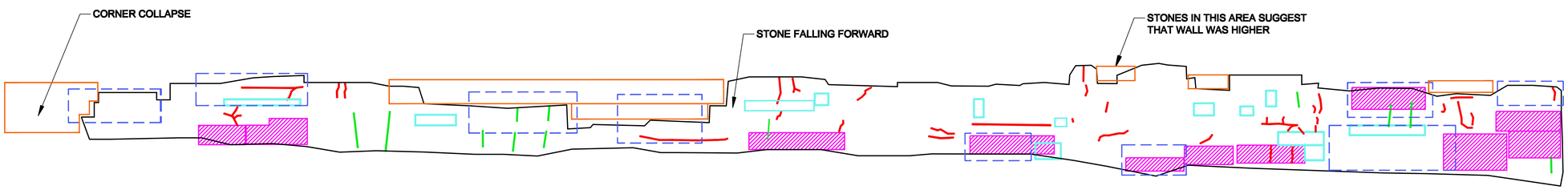
69 A220 **WEST INNER WORKS - INTERIOR - INSIDE CENTER FACING WEST**
SCALE: 3/8" = 1'-0"

CAMBER:
STONE SIZE: MIXED, BUT SOME VERY LARGE STONES. MANY OF BAD QUALITY
COURSING: IRREGULAR COURSING
CHINKING: HEAVY, FALLING OUT OR MISSING IN AREAS
VEGETATION: SMALL WEEDS IN FACE
SLOPE: MOSTLY LEVEL,

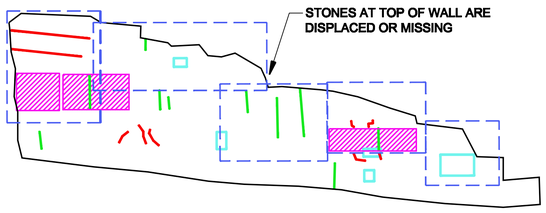


68 A220 **WEST INNER WORKS - INTERIOR - INSIDE FACING SOUTH**
SCALE: 3/8" = 1'-0"

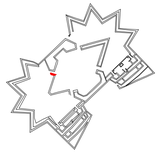
CAMBER: WALL HAS FALLEN FORWARD
STONE SIZE: MEDIUM TO SMALL STONES
COURSING: IRREGULAR COURSING
CHINKING: HEAVILY CHINKED AT LEFT END
VEGETATION: SMALL WEEDS IN FACE, GRASS HAS GROWN OVER AND THROUGH
SLOPE: GROUND SLOPES AWAY FROM WALL BOTH PERPENDICULAR AND PARALLEL



70 A220 **WEST INNER WORKS - INTERIOR - INSIDE FACING NORTH**
SCALE: 3/8" = 1'-0"



CAMBER: WALLS ARE SLIGHTLY BATTERED
STONE SIZE: IRREGULAR, MANY VERY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: FAIRLY LARGE STONES USED AS CHINKING
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: AWAY FROM WALL AND ALSO PARALLEL TO RIGHT



71 A220 **WEST INNER WORKS - INTERIOR - INSIDE FACING NORTH MAIN WORKS**
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 11:29pm P:\Projects\15-FORTNEGLEY\14. Drawings\14A Arch\14A-1 Dwg\20 FORTNEGLEY WEST INNER WORKS.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

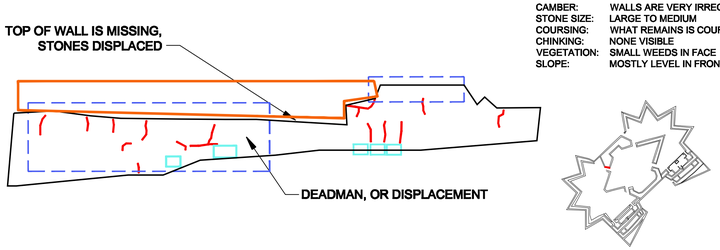
Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

West Inner Works
Interior
Line Elevations

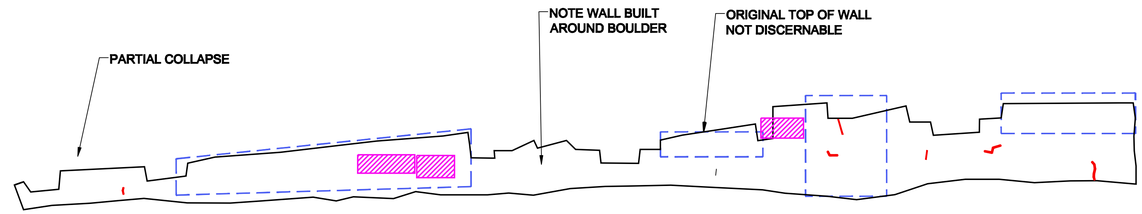
A220

Copyright 2014 John Milner Associates, Inc.



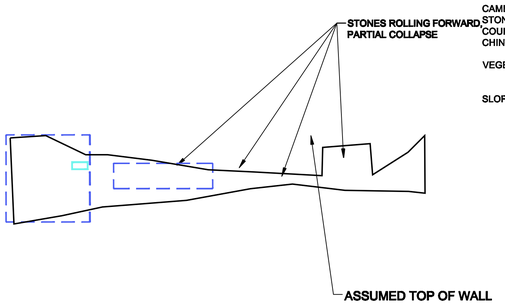
CAMBER: WALLS ARE VERY IRREGULAR
STONE SIZE: LARGE TO MEDIUM
COURSING: WHAT REMAINS IS COURSED
CHINKING: NONE VISIBLE
VEGETATION: SMALL WEEDS IN FACE
SLOPE: MOSTLY LEVEL IN FRONT

72 A221 NORTH MAIN WORKS - WEST SIDE FACING WEST INNER WORKS
SCALE: 3/8" = 1'-0"



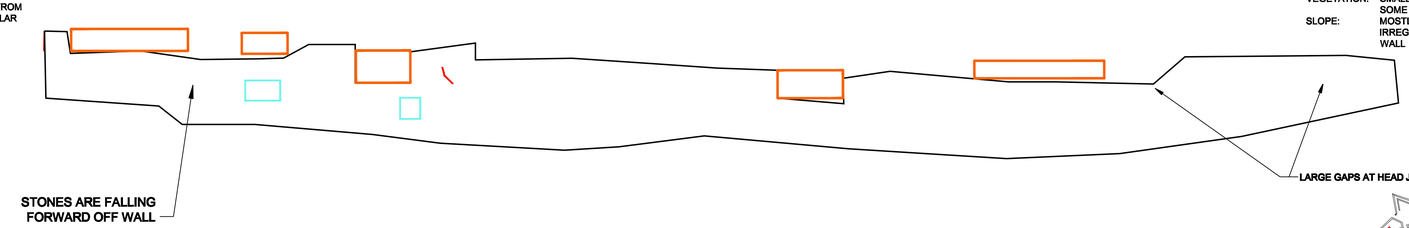
CAMBER: VERTICAL OR LEANING OUT, RANDOM. MANY STONES ARE FRACTURED AND CRUMBLING
STONE SIZE:
COURSING: MOSTLY IRREGULAR, BUT SOME AREAS ARE MORE COURSED
CHINKING: FALLING OUT
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT OF WALL

73 A221 NORTH MAIN WORKS - INTERIOR - SOUTHWEST
SCALE: 3/8" = 1'-0"



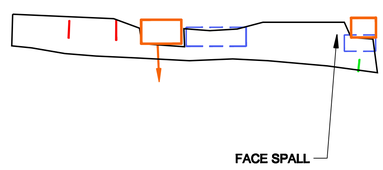
CAMBER: WALL HAS FALLEN FORWARD
STONE SIZE: MEDIUM TO SMALL STONES
COURSING: IRREGULAR COURSING
CHINKING: HEAVILY CHINKED AT LEFT END
VEGETATION: SMALL WEEDS IN FACE, GRASS HAS GROWN OVER AND THROUGH
SLOPE: GROUND SLOPES AWAY FROM WALL BOTH PERPENDICULAR AND PARALLEL

74 A221 NORTH MAIN WORKS - INSIDE MAGAZINE WEST END
SCALE: 3/8" = 1'-0"



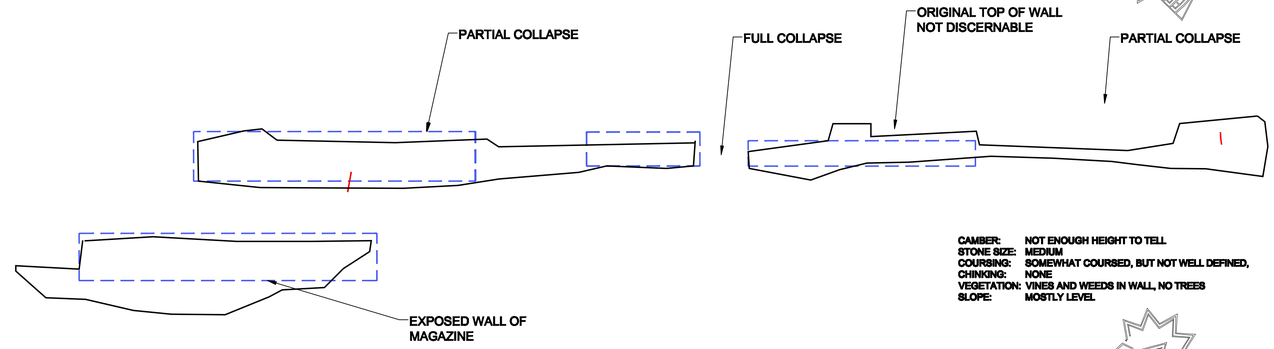
CAMBER: WALLS ARE MOSTLY BATTERED
STONE SIZE: MEDIUM
COURSING: COURSED BUT NOT LEVEL, WALL FEELS LIKE IT IS SETTLING INTO GRADE IRREGULARLY
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: MOSTLY LEVEL, BUT IRREGULAR PARALLEL TO WALL

75 A221 NORTH MAIN WORKS - INSIDE MAGAZINE - NORTH WALL
SCALE: 3/8" = 1'-0"



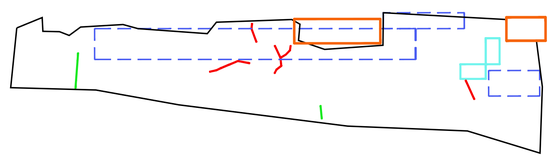
CAMBER: WALL IS JUMBLED, TOP COURSE PUSHED FORWARD
STONE SIZE: IRREGULAR
COURSING: WALL IS SOMEWHAT COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE
SLOPE: GROUND SLOPES PARALLEL TO WALL FACE

76 A221 NORTH MAIN WORKS - INSIDE MAGAZINE EAST END
SCALE: 3/8" = 1'-0"



CAMBER: NOT ENOUGH HEIGHT TO TELL
STONE SIZE: MEDIUM
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED,
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL

77 A221 NORTH MAIN WORKS - INTERIOR - SOUTHEAST
SCALE: 3/8" = 1'-0"



CAMBER: WALLS ARE BATTERED
STONE SIZE: MOSTLY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: SLOPE RUNS PARALLEL TO WALL, VERY GRADUAL

78 A221 NORTH MAIN WORKS - EAST SIDE FACING EAST INNER WORKS
SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:44pm F:\Projects\p FORTNEGLEY\04. Drawings\04A Arch\04A-1 Dwg\02 FORTNEGLEY NORTH MAIN WORKS INT.dwg

Historic Structure Report
Fort Negley

1100 Fort Negley Blvd.
Nashville, TN

for the
Metro Parks Department
Metro Historical Commission
Nashville, Tennessee

JMA
John Milner Associates, Inc.
471 W Main Street
Suite 200
Louisville, Kentucky 40202
t: 502.587.8800
f: 502.587.8802
johnmilnerassociates.com

Structural Engineer
MCC ≡ 1200 Architectural Engineers, PLLC
Alexandria, Virginia

Civil Engineer
Littlejohn Engineering Associates, Inc.
Nashville, Tennessee

Land Surveyor
Thornton & Associates, Inc.
Nashville, Tennessee

Architectural History/Archeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International Consultants, Inc.
Philadelphia, Pennsylvania

project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

North Main Works
Interior
Line Elevations

A221

Copyright 2014 John Milner Associates, Inc.