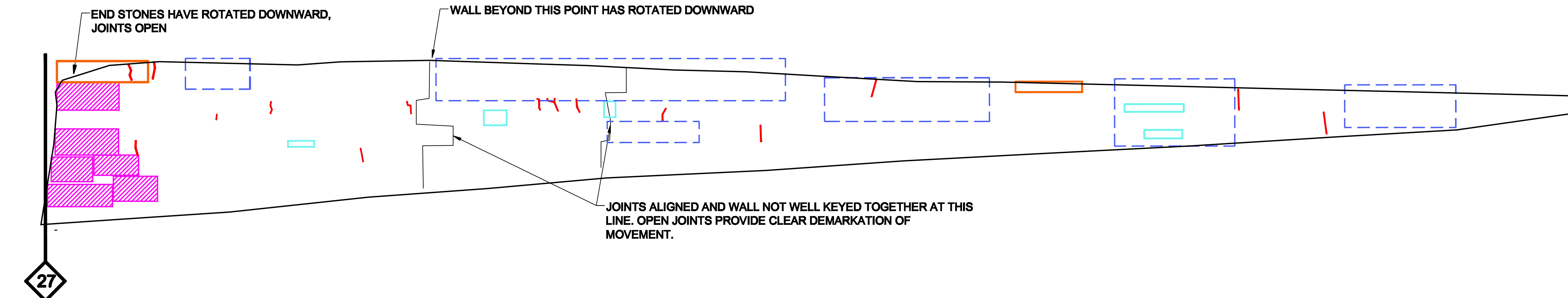
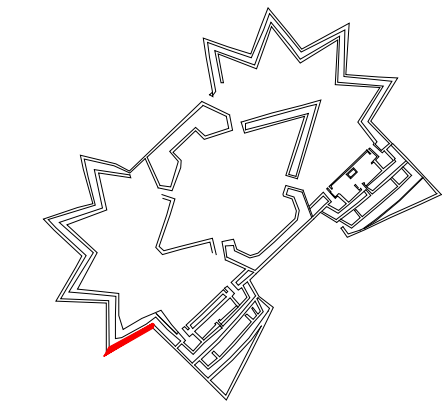


APPENDIX A2

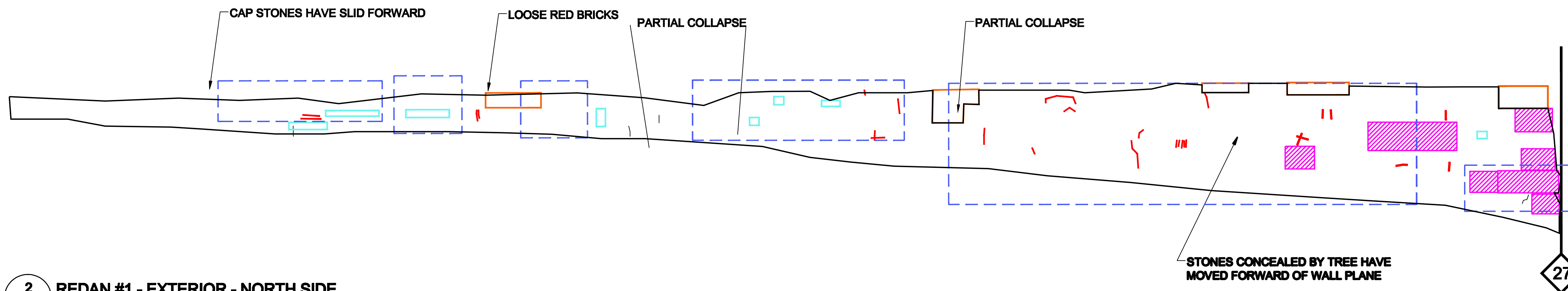
**ANNOTATED
OUTLINE
ELEVATIONS -
EXISTING CONDITIONS (2013)**

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



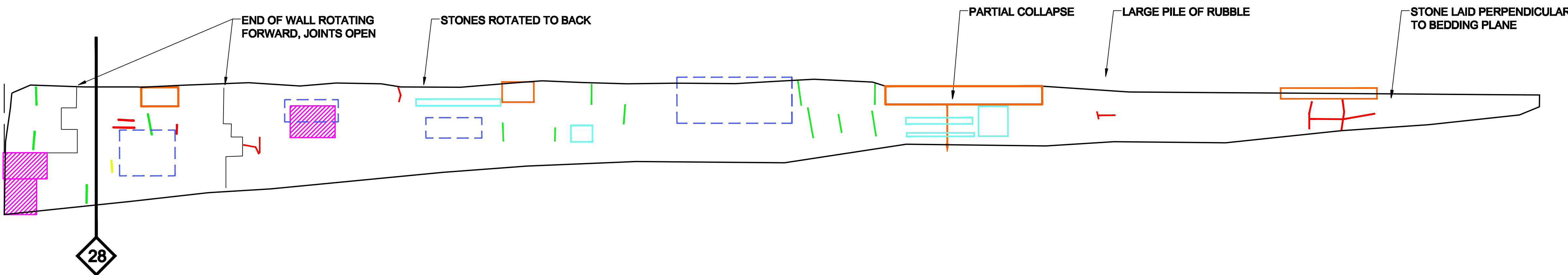
1 REDAN #1 - EXTERIOR - SOUTH SIDE
SCALE: 3/8" = 1'-0"

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



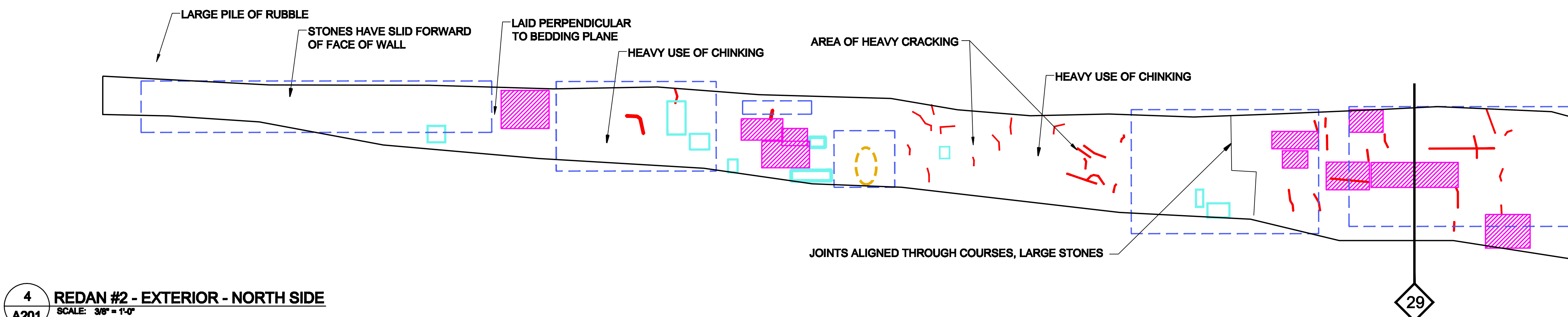
2 REDAN #1 - EXTERIOR - NORTH SIDE
SCALE: 3/8" = 1'-0"

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



3 REDAN #2 - EXTERIOR - SOUTH 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:



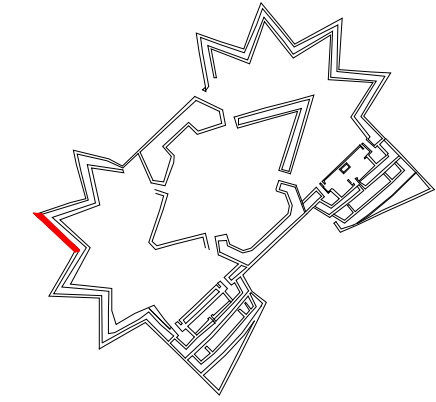
4 REDAN #2 - EXTERIOR - NORTH SIDE
SCALE: 3/8" = 1'-0"

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

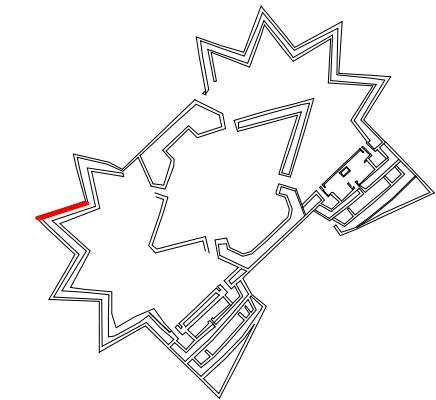
Redans 1 & 2
Exterior
Line Elevations

A201

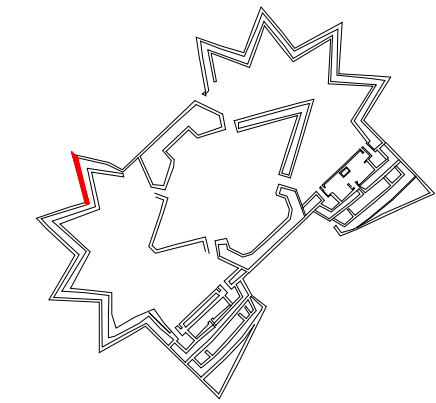
CAMBER: OVERALL, BATTERED, BUT IRREGULAR
STONE SIZE: RANDOM, SOME VERY LARGE STONES
COURSING: MOSTLY NOT COURSED, MORE COURSED AT
LEFT END
CHINKING: AREAS OF HEAVY CHINKING
CRACKS: AT THREE POINTS, CRACKS ALIGN WITH JOINTS
FOR CLEAR BREAK THROUGH WALL HEIGHT
VEGETATION: SMALL WEEDS IN FACE, NO TREES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



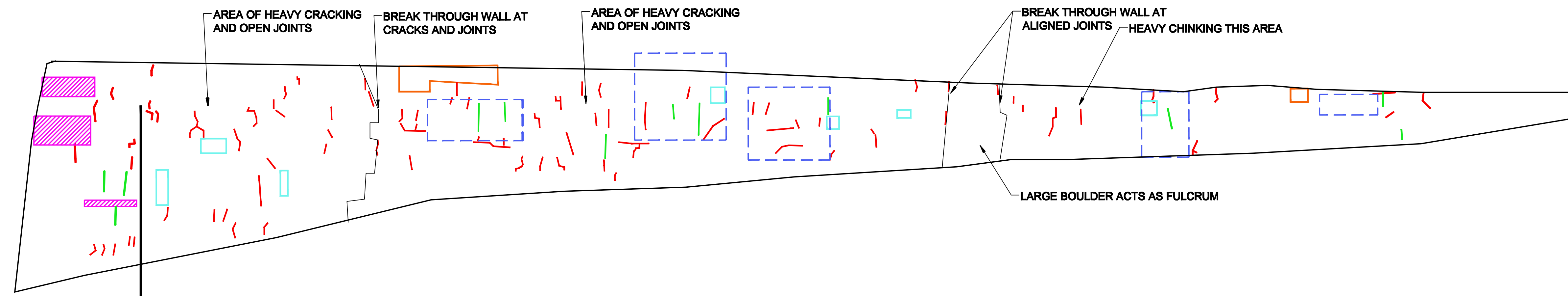
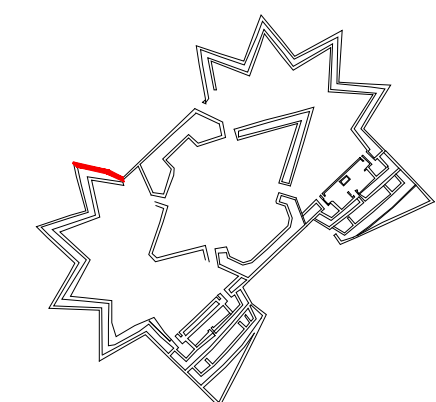
CAMBER: BATTERED, BUT BULGING IN AREAS
STONE SIZE: RANDOM, THERE ARE SOME LARGE STONES.
COURSING: MIXED, SOME AREAS CLEARLY COURSED,
OTHERS MORE RANDOM. MAY INDICATE
REPAIR CAMPAIGNS
CHINKING: NOT MUCH
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO
WALL. AT RIGHT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



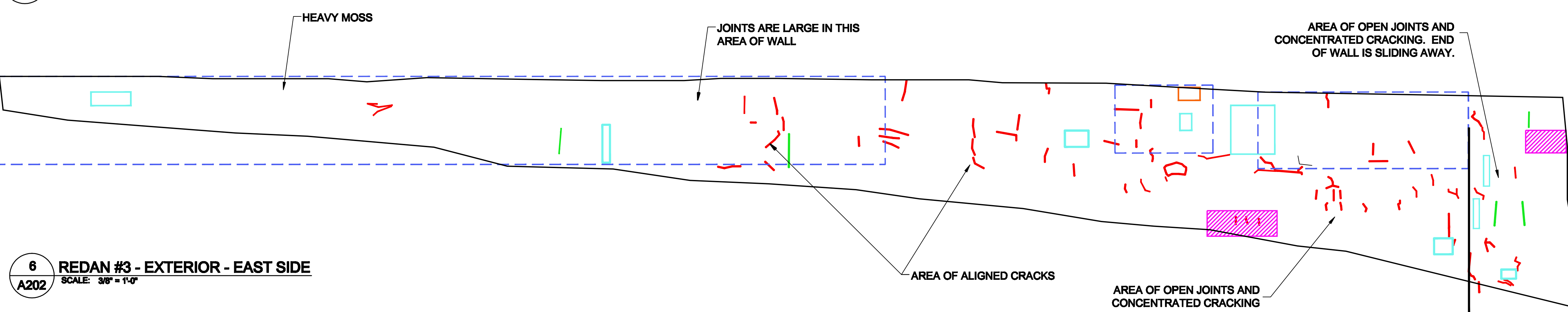
CAMBER: SLIGHTLY BATTERED, BUT IRREGULAR
STONE SIZE: RANDOM, SOME LARGE STONES AT RIGHT END
COURSING: SOMEWHAT COURSED
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL
BUT MORE PARALLEL TO WALL AT LEFT END



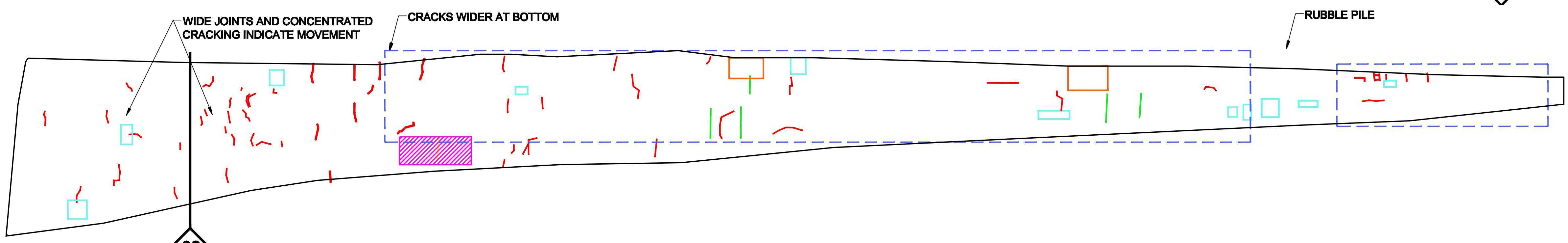
CAMBER: BATTERED AT RIGHT, LEANING
FORWARD AT LEFT
STONE SIZE: FAIRLY UNIFORM, MEDIUM TO
LARGE
COURSING: MOSTLY IRREGULAR
CHINKING: SOME AT RIGHT SIDE
VEGETATION: VINES AND WEEDS IN WALL, NO
TREES, BUT ONE STUMP
SLOPE: PERPENDICULAR TO WALL, BUT
SLOPES MORE PARALLEL AT
RIGHT END



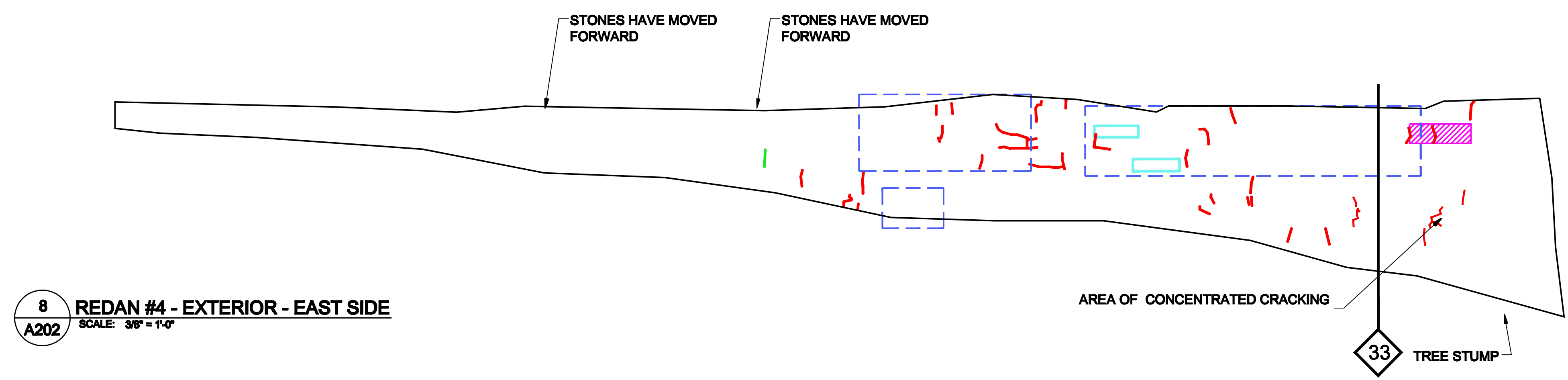
5 REDAN #3 - EXTERIOR - WEST SIDE
SCALE: 3/8" = 1'-0"



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



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



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

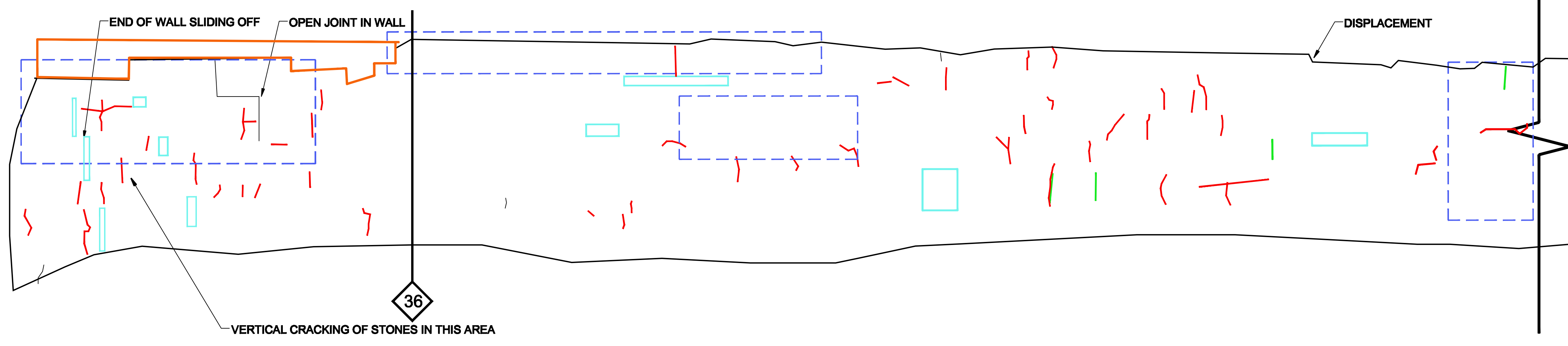
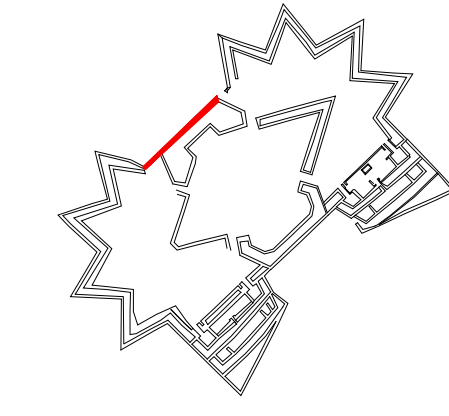
Feb 11, 2014 - r:\projects\FORTNEGLEY\FORTNEGLEY_V4_Drawing\Arch\Arch_V4.dwg by FORTNEGLEY REDAN EXT.yxd

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

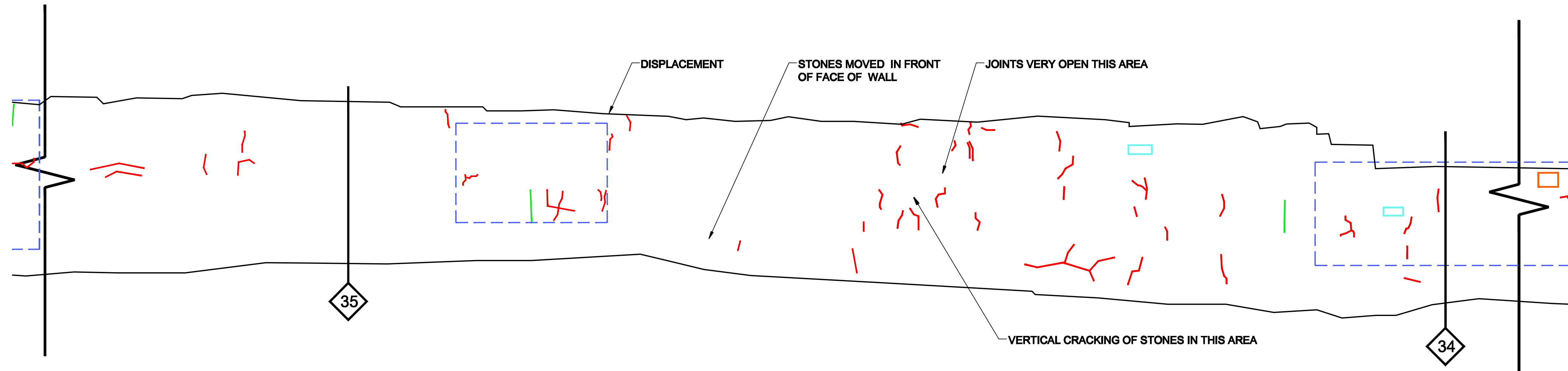
Redans 3 & 4
Exterior
Line Elevations

A202

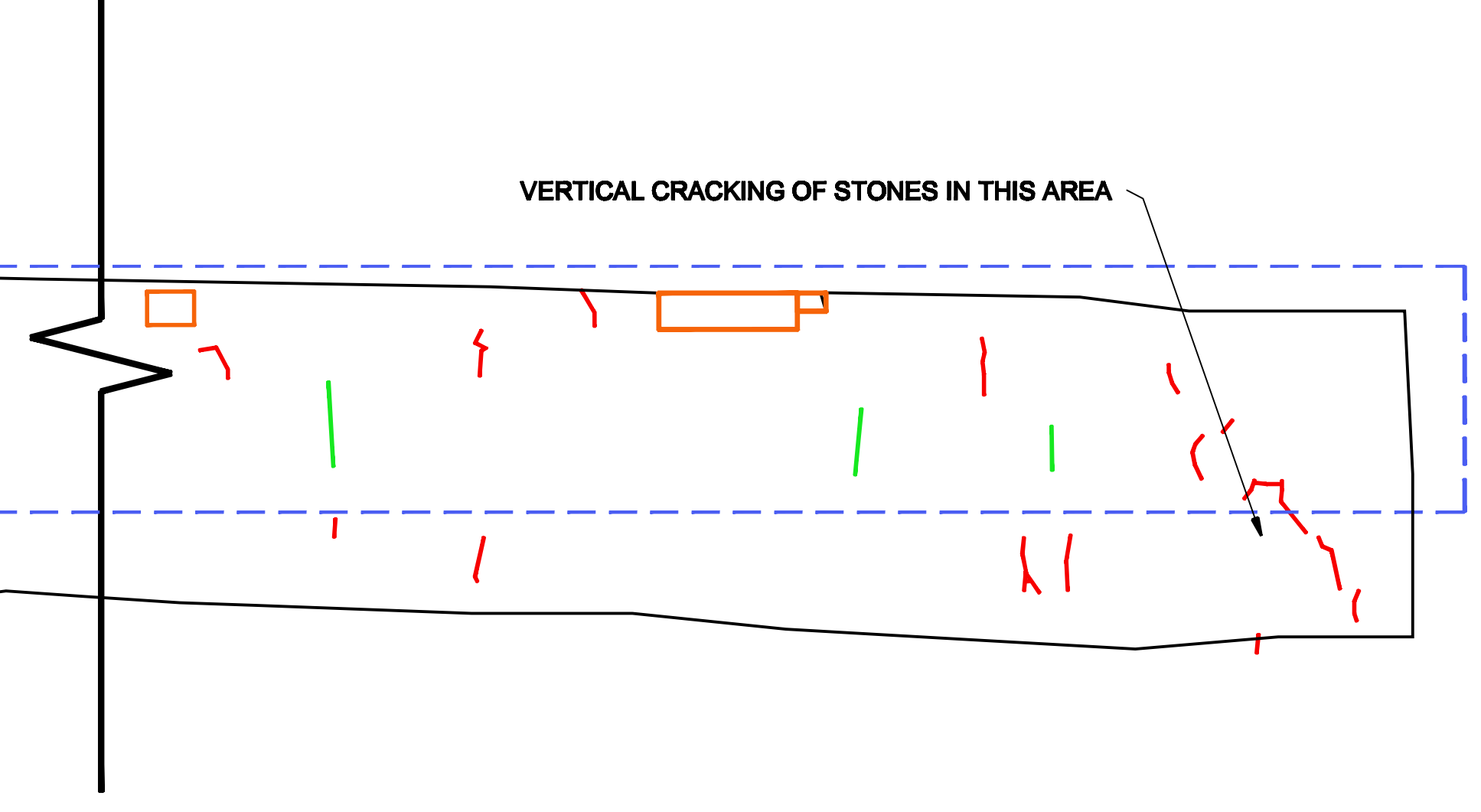
CAMBER: IRREGULAR, SOME VERY LARGE STONES
STONE SIZE: IRREGULAR COURSING
COURSING: HEAVILY CHINKED IN SOME AREAS
CHINKING: SMALL WEEDS IN FACE, SOME TREES
VEGETATION: AWAY FROM WALL SLIGHTLY SLOPED
SLOPE:



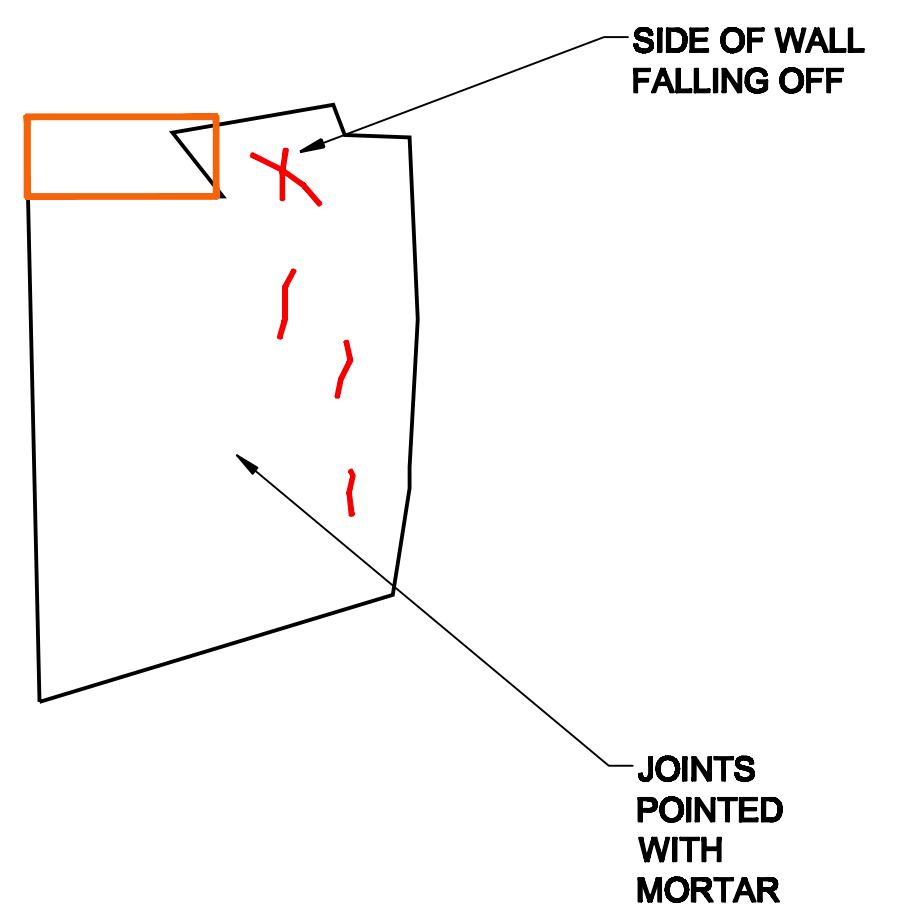
9A NORTH MAIN WORKS - EXTERIOR - LEFT END
A202 SCALE: 3/8" = 1'-0"



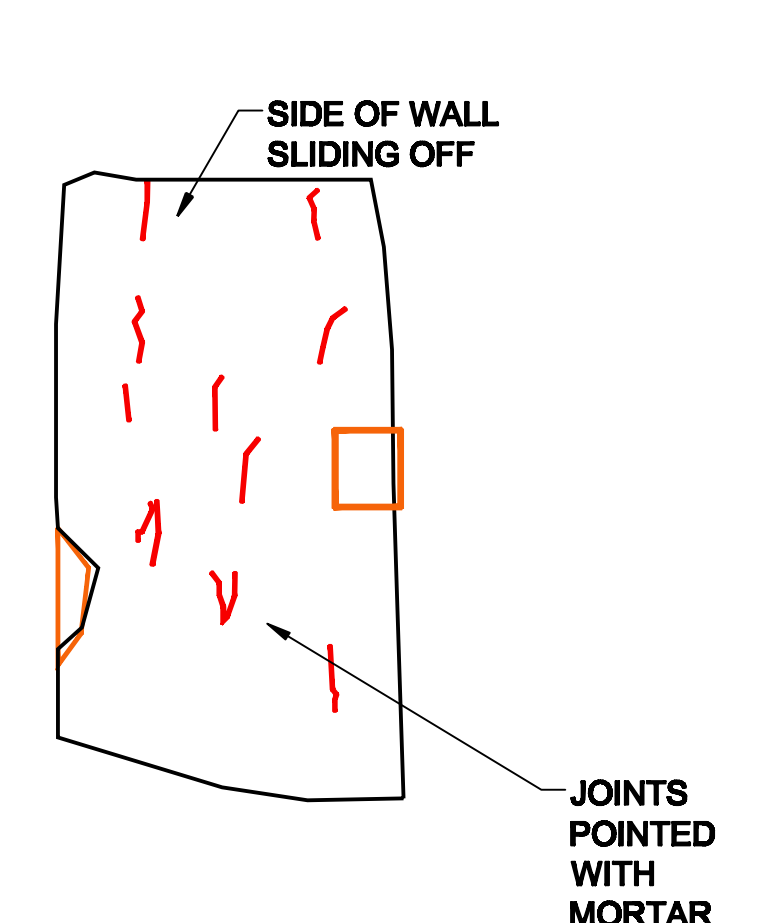
9B NORTH MAIN WORKS - EXTERIOR - CENTER
A203 SCALE: 3/8" = 1'-0"



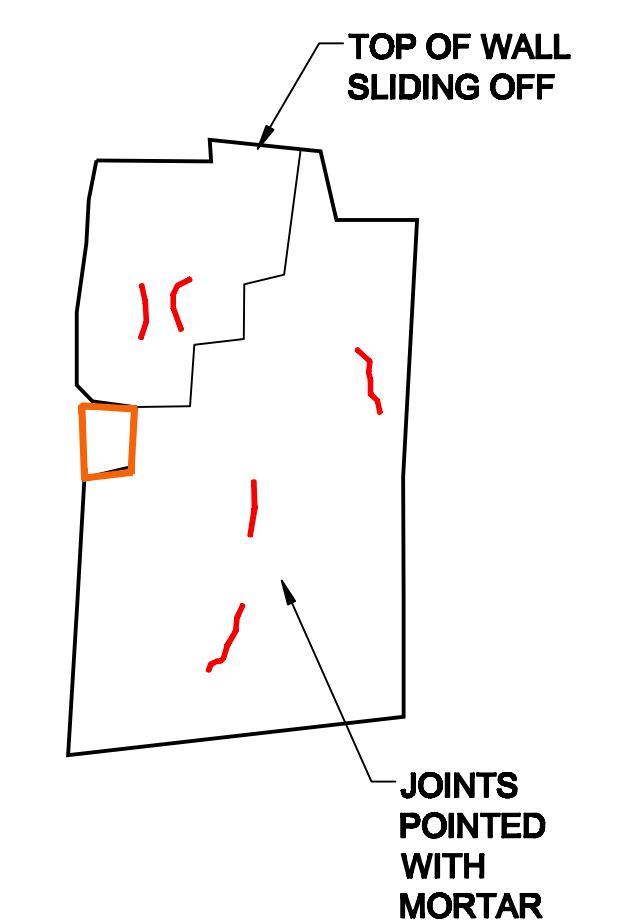
9C NORTH MAIN WORKS - EXTERIOR - RIGHT END
A203 SCALE: 3/8" = 1'-0"



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



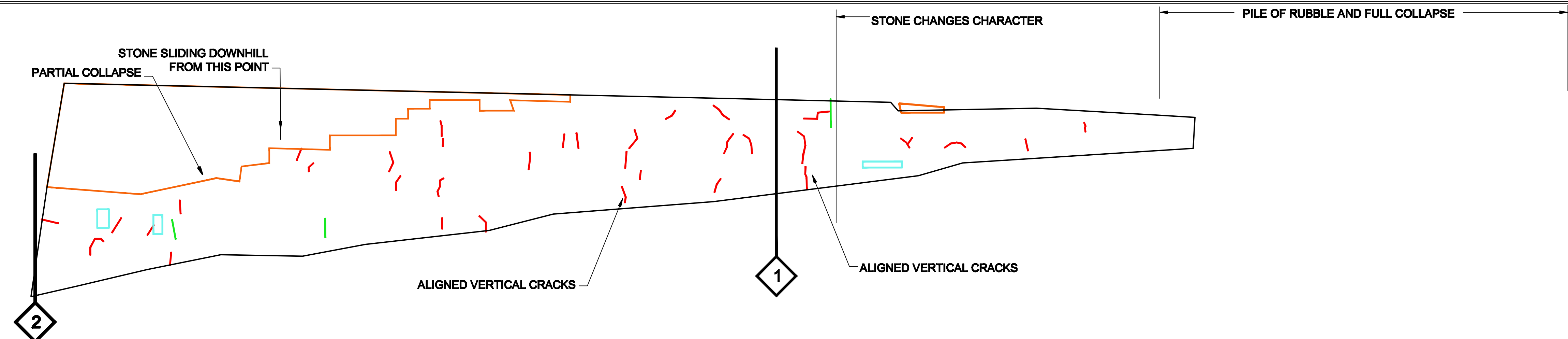
10B SALLY PORT - NORTH SIDE
A203 SCALE: 3/8" = 1'-0"



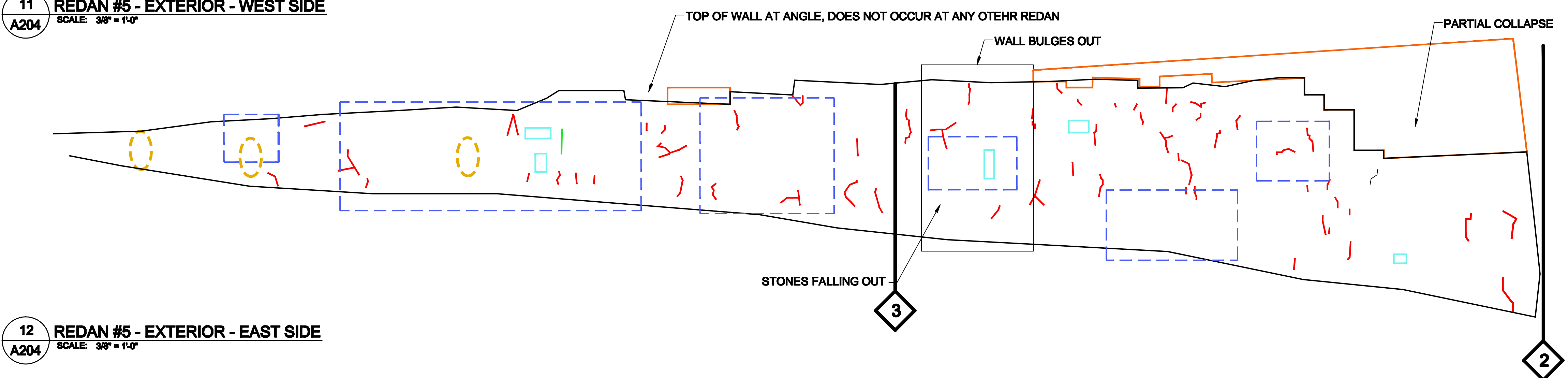
10C SALLY PORT - WEST SIDE
A203 SCALE: 3/8" = 1'-0"

Feb 11, 2014 - r241gma PA\Projects\FORTNEGLEY\FORTNEGLEY_V4_Drawing\VA_Arch\VA_Arch\FORTNEGLEY NORTH MAIN WORKS EXT.dwg

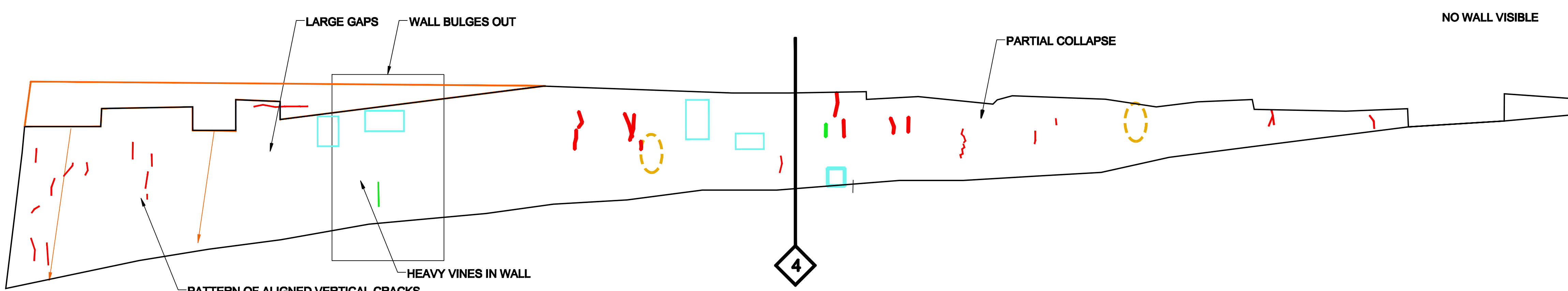
Feb 11, 2014 - 1:24pm P:\Projects\FORTNEGLEYS\FORTNEGLEYS.dwg v4. Drawings\VA. Arch\VA.1.Dwg v4. FORTNEGLEYS REDAN EXT.yxd.dwg



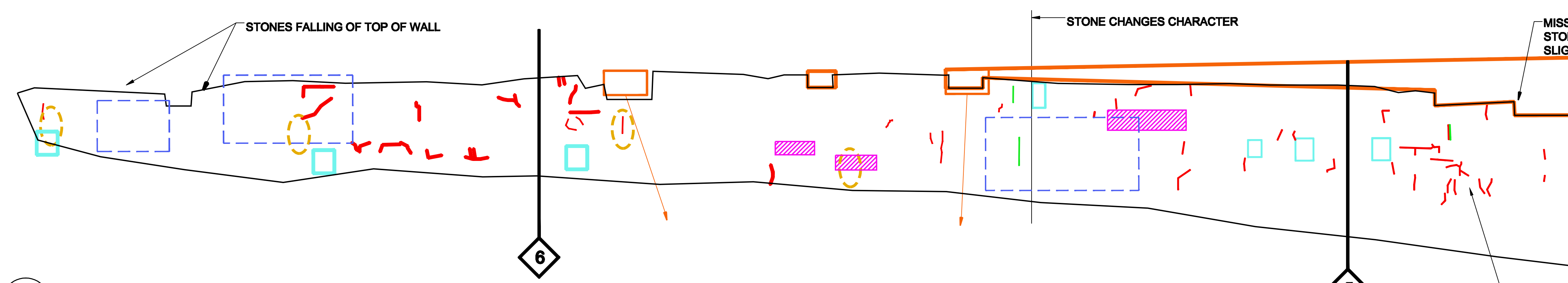
11 REDAN #5 - EXTERIOR - WEST SIDE
A204 SCALE: 3/8" = 1'-0"



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

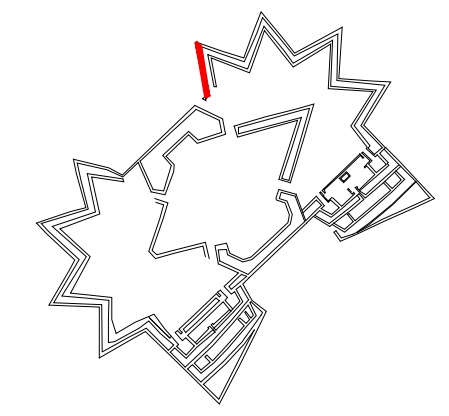


13 REDAN #6 - EXTERIOR - WEST SIDE
A204 SCALE: 3/8" = 1'-0"

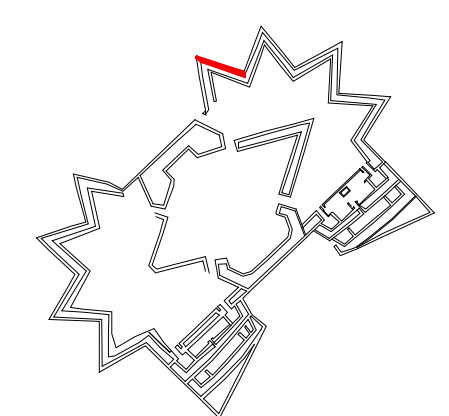


14 REDAN #6 - EXTERIOR - EAST SIDE
A204 SCALE: 3/8" = 1'-0"

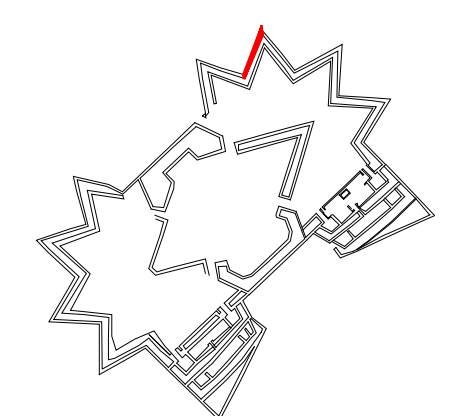
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT LEFT SIDE
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH AT RIGHT, BUT MORE PREVALENT MOVING TO LEFT
CRACKS: EXTEND THROUGH WALL VERTICALLY
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR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



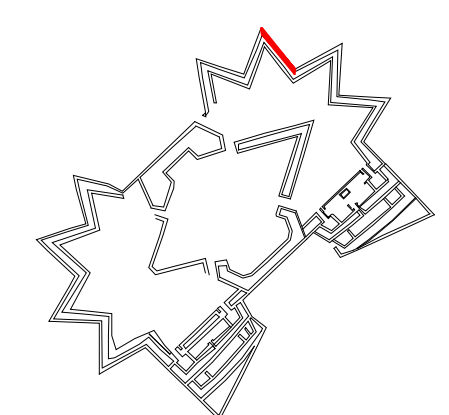
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT SIDE
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: LARGE AND FLAT CHINKING STONES
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL BUT BECOMES PARALLEL AT RIGHT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



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



CAMBER: SLIGHTLY BATTERED, STONES AT RIGHT, CHANGES WITH LARGER STONES TO LEFT END
STONE SIZE: RANDOM, NOT MANY LARGE STONES
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

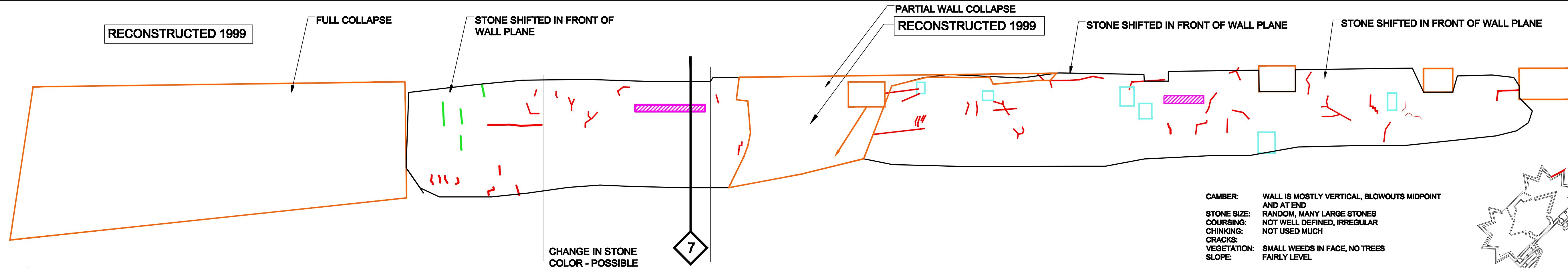
Architectural History/Archaeology
New South Associates, Inc.
Nashville, Tennessee

Cost Estimator
International
Consultants, Inc.
Philadelphia, Pennsylvania

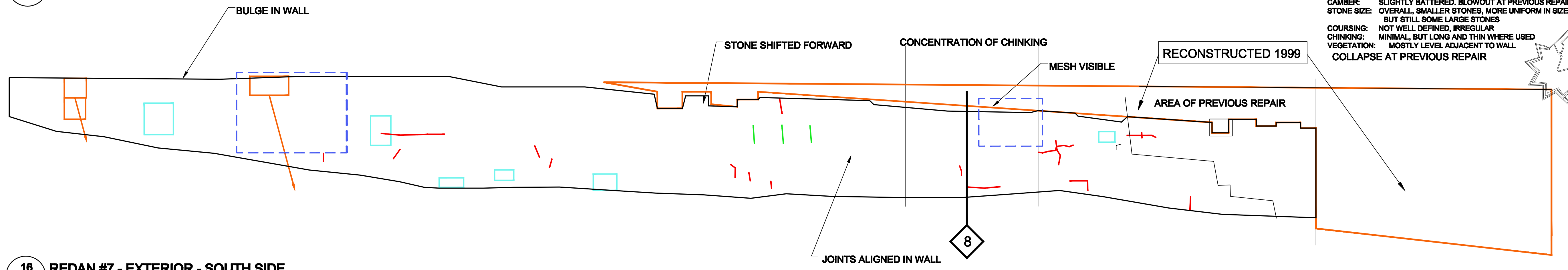
project: FORTNEGLEYS
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

Redans 5 & 6
Exterior
Line Elevations

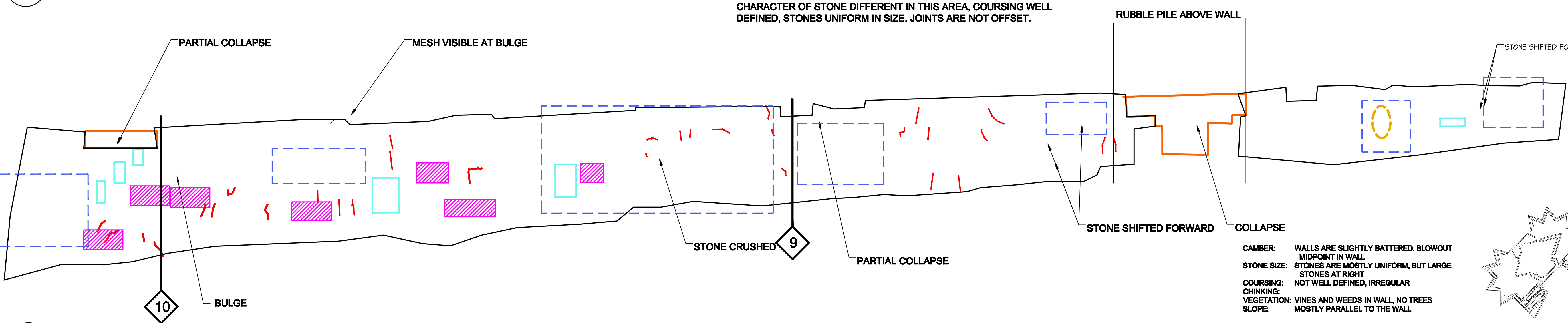
A204



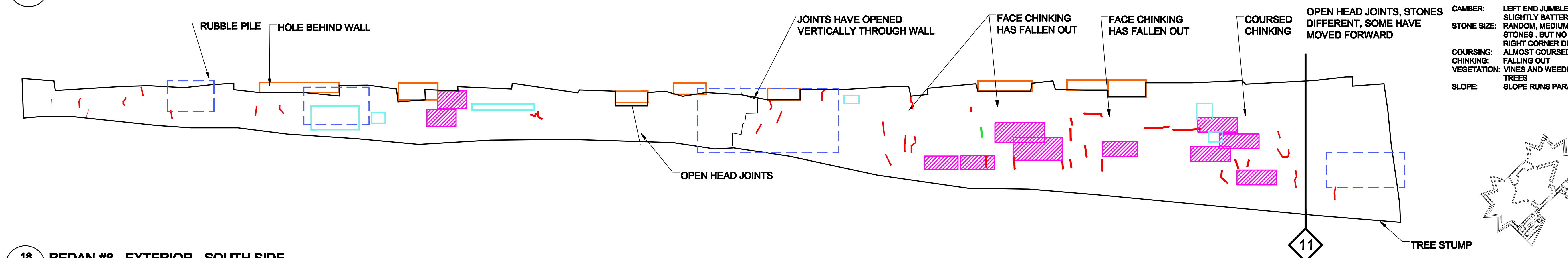
15 REDAN #7 - EXTERIOR - NORTH SIDE
A205 SCALE: 3/8" = 1'-0"



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



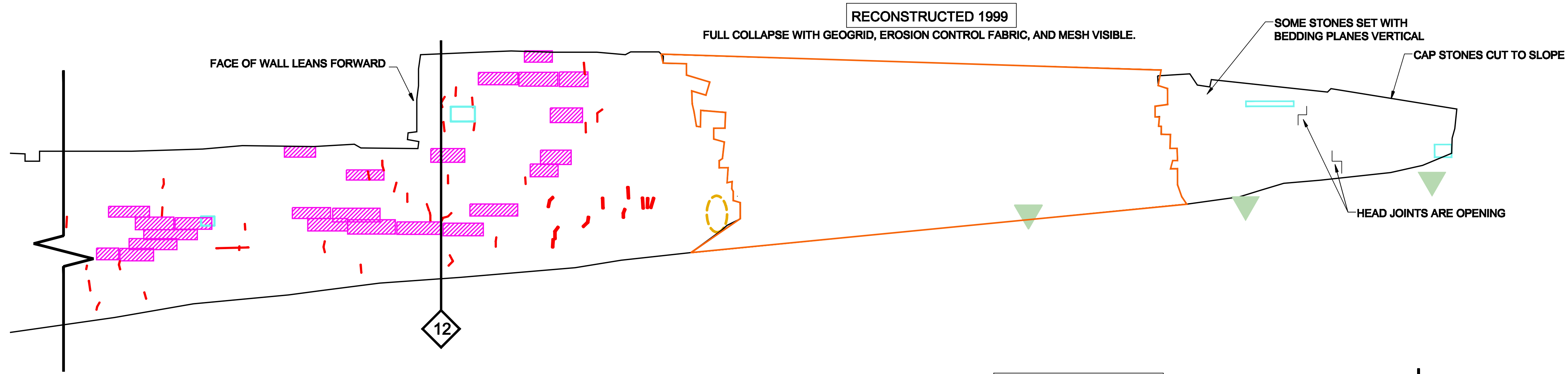
17 REDAN #8 - EXTERIOR - NORTH SIDE
A205 SCALE: 3/8" = 1'-0"



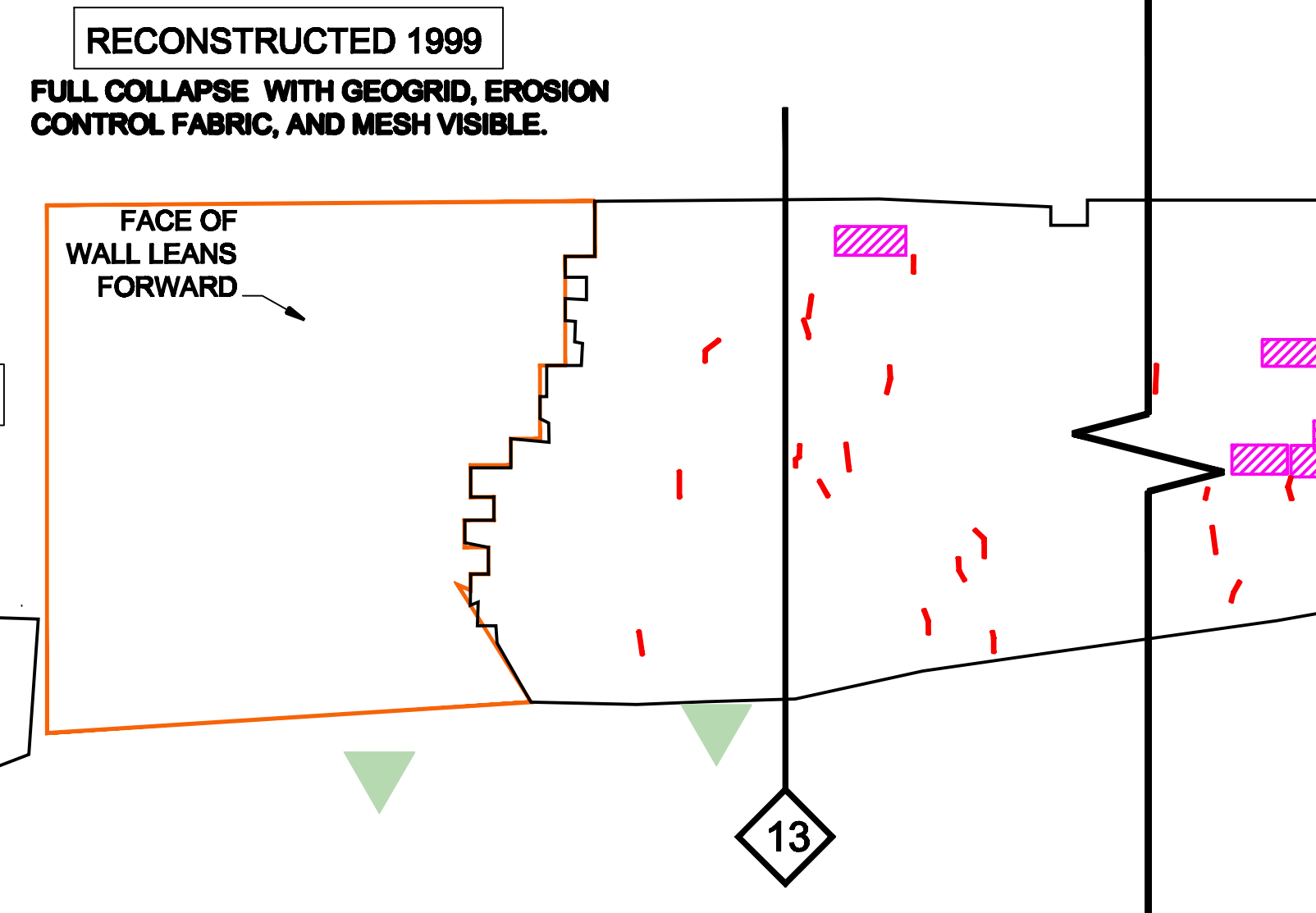
18 REDAN #8 - EXTERIOR - SOUTH SIDE
A205 SCALE: 3/8" = 1'-0"

Feb 11, 2014 - s:\projects\p-fortnegley\FORTNEGLEY.dwg by FORTNEGLEY REDAN EXT 7-dwg

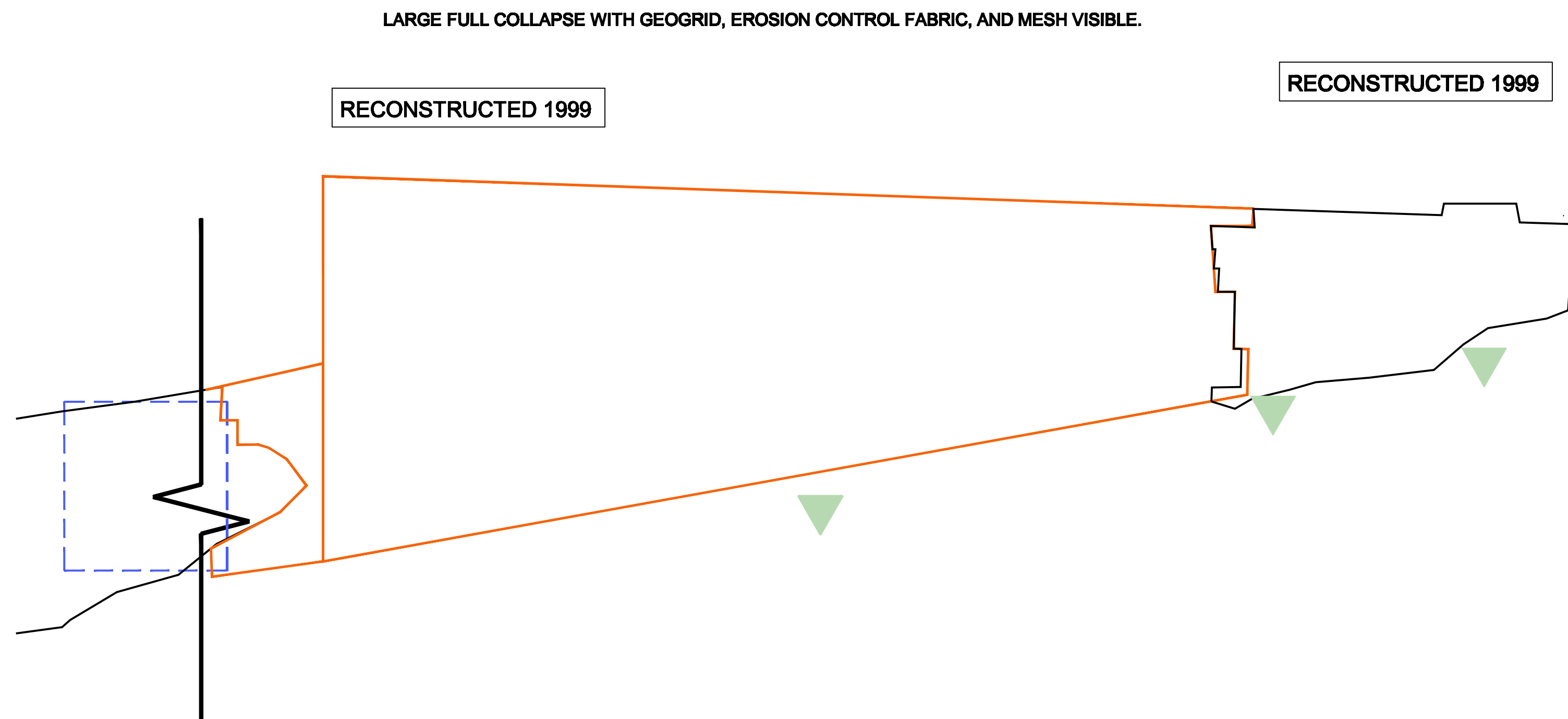
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT LEFT SIDE
STONE SIZE: COMPLETELY DIFFERENT FROM STONE AT REDANS.
ASHLAR IS VERY REGULAR IN SIZE.
COURSING: DEFINED COURSING
CHINKING: NONE
VEGETATION: VERY FEW SMALL WEEDS IN FACE, NO TREES
SLOPE: PARALLEL TO WALL



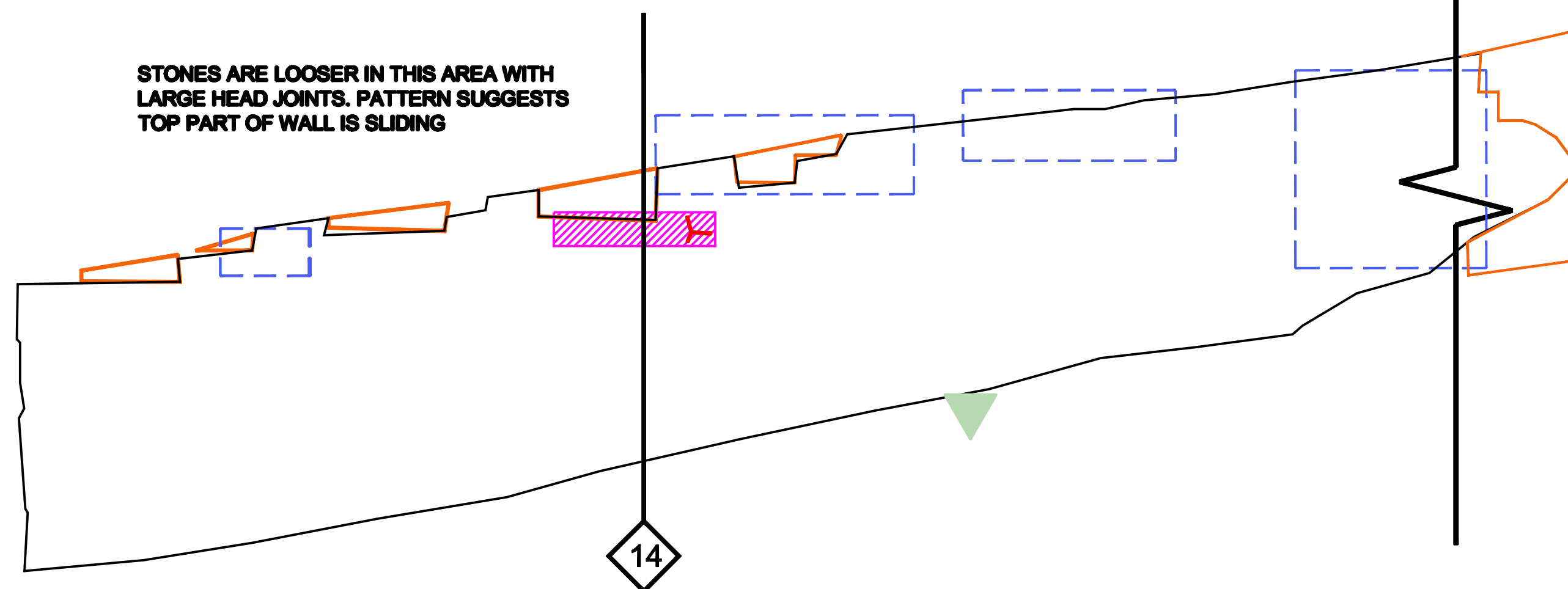
19A EAST BASTION - EAST WALL - RIGHT END
A206 SCALE: 3/8" = 1'-0"



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

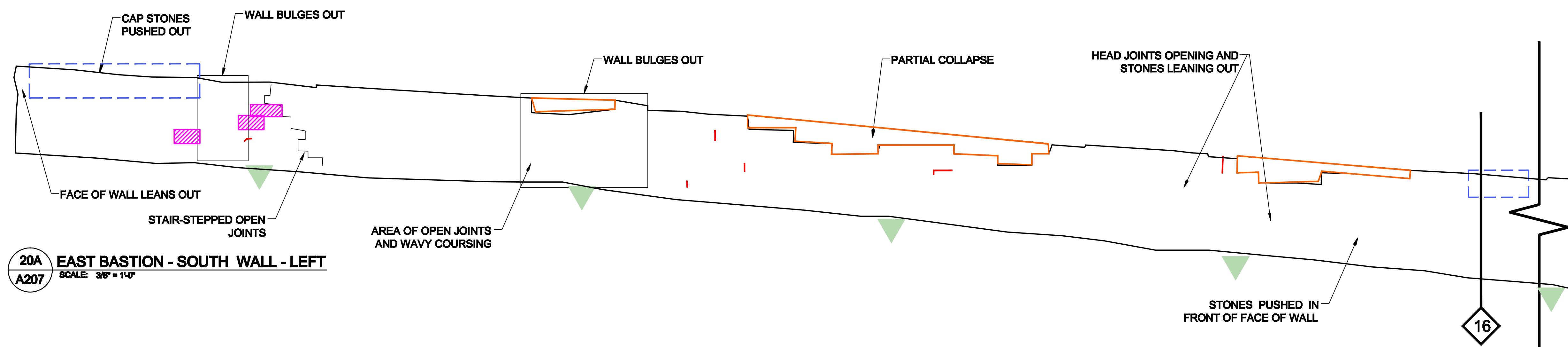


19C EAST BASTION - EAST WALL - LEFT END
A206 SCALE: 3/8" = 1'-0"

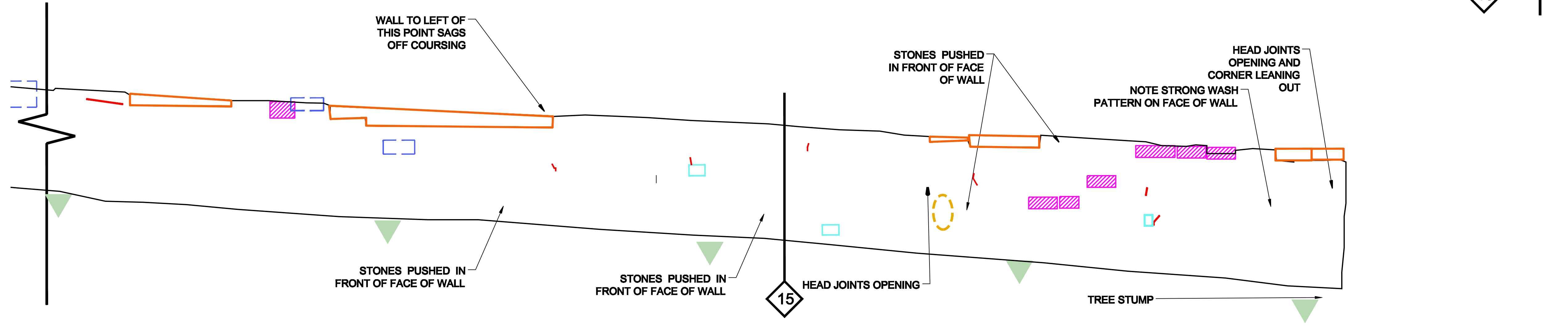


19D EAST BASTION - EAST WALL - CENTER
A206 SCALE: 3/8" = 1'-0"

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



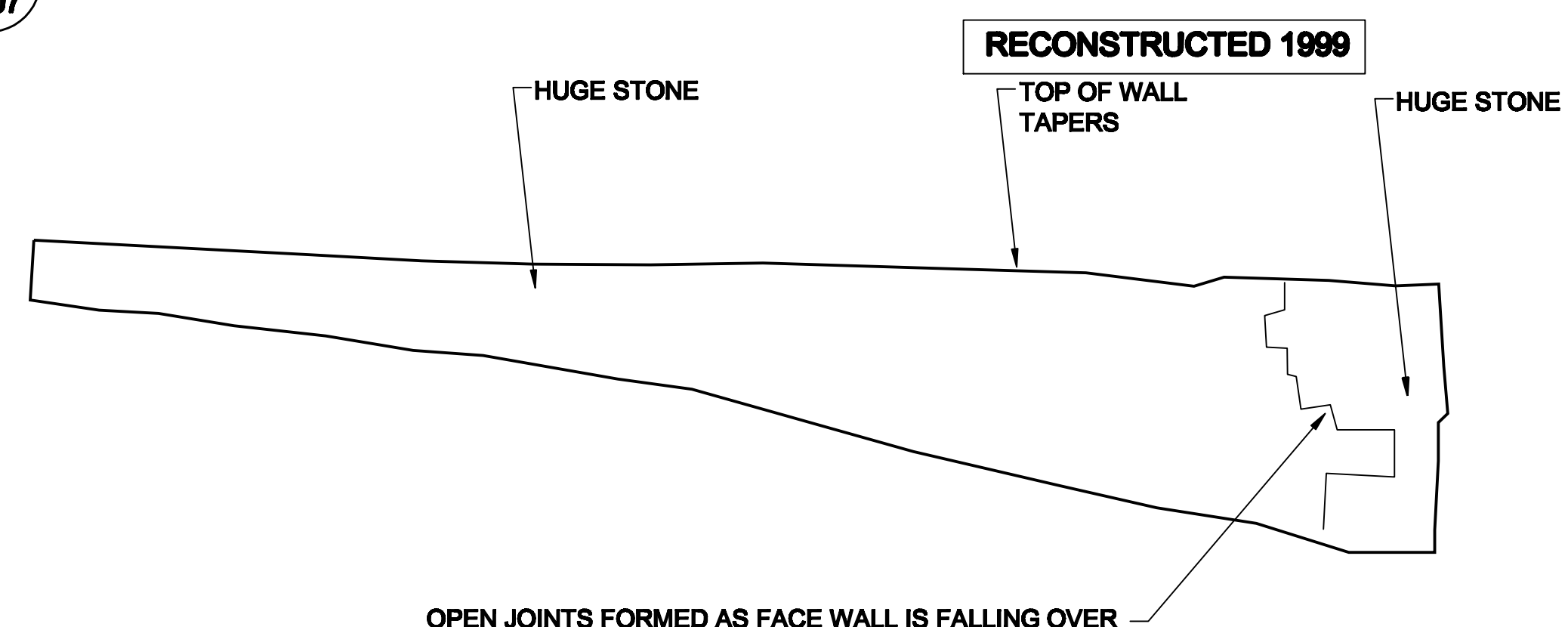
20A EAST BASTION - SOUTH WALL - LEFT
A207 SCALE: 3/8" = 1'-0"



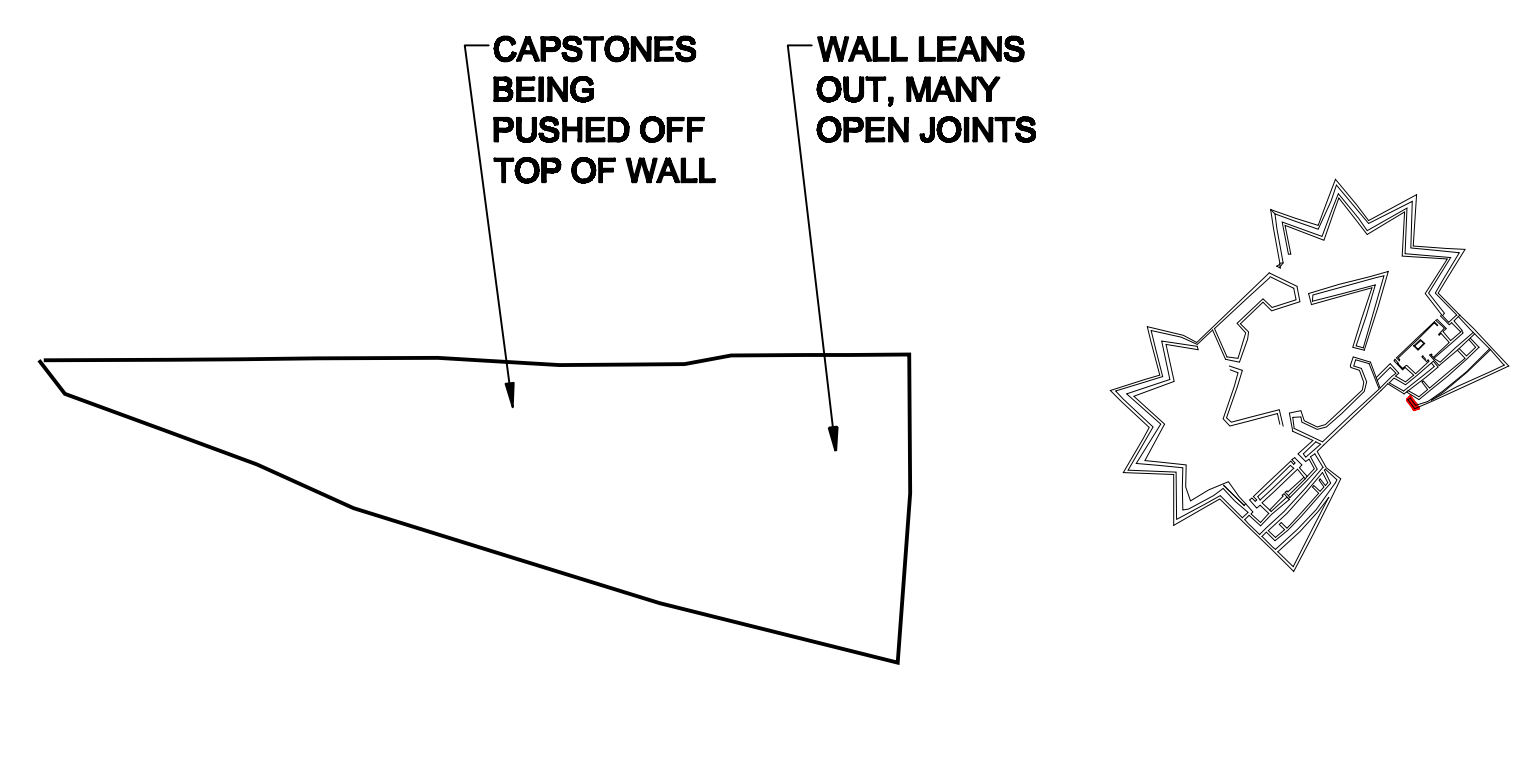
20B EAST BASTION - SOUTH WALL - RIGHT
A207 SCALE: 3/8" = 1'-0"

CAMBER: WALL IS PERPENDICULAR WITH NO BATTER
STONE SIZE: RANDOM SIZES WITH A FEW VERY LARGE STONES
COURSING: SOMEWHAT COURSED VERY VISIBLE, UNLIKE OTHER BASTION WALLS
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND ADJACENT TO WALL SLOPES TOWARD WALL

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



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



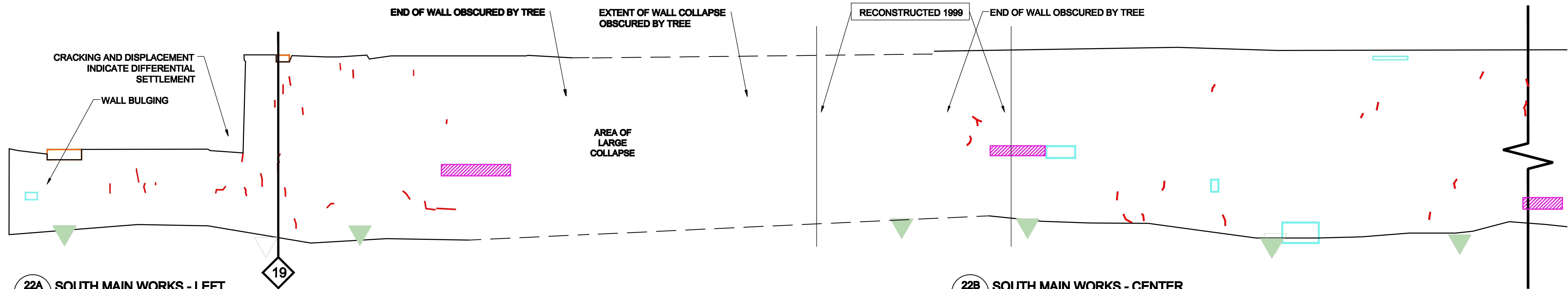
21B EAST BASTION - WEST WALL - RIGHT
A207 SCALE: 3/8" = 1'-0"

Feb 11, 2014 - 12:48pm P:\Projects\14-FORTNEGLEY\FORTNEGLEY\14_Drawing\14A_Arch\14A_Arch\14A_Arch\FORTNEGLEY EAST BASTION - S.dwg

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

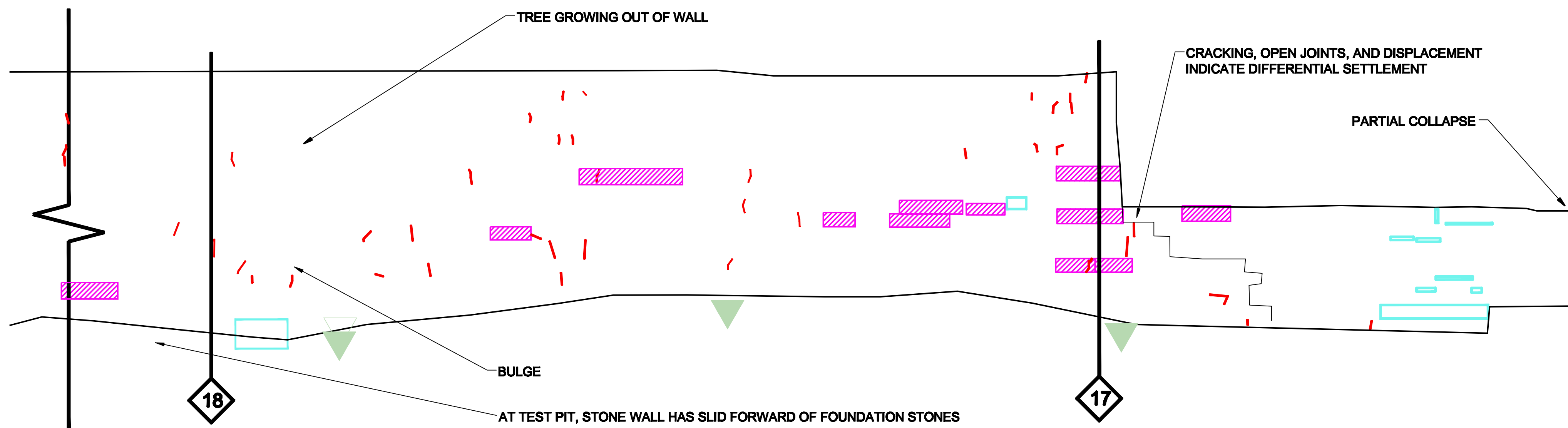
East Bastion
South & West Walls
Line Elevations

A207
NOT TO SCALE:
reduced size drawing



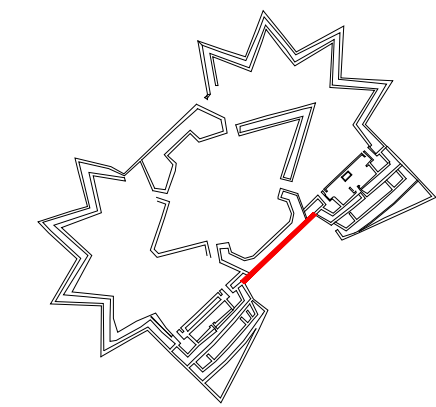
22A SOUTH MAIN WORKS - LEFT
A208 SCALE: 3/8" = 1'-0"

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



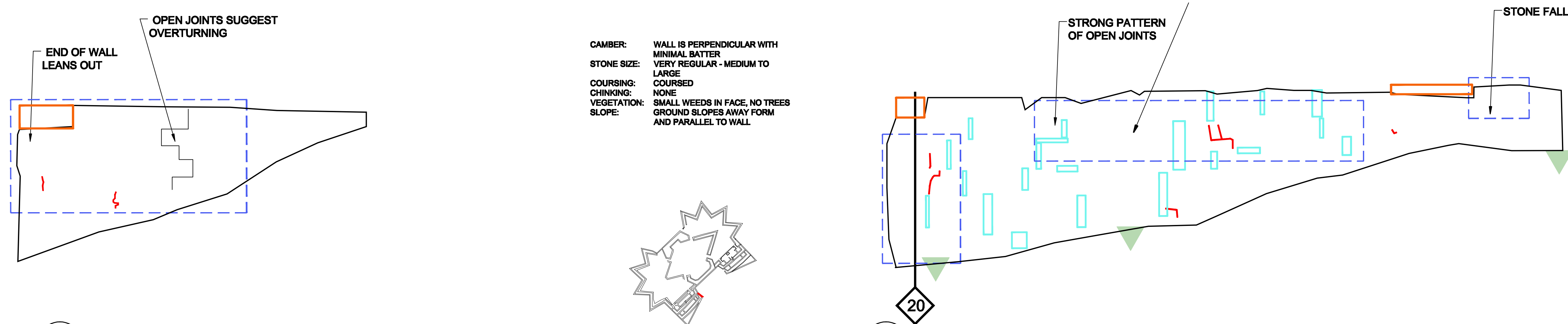
22C SOUTH MAIN WORKS - RIGHT
A208 SCALE: 3/8" = 1'-0"

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



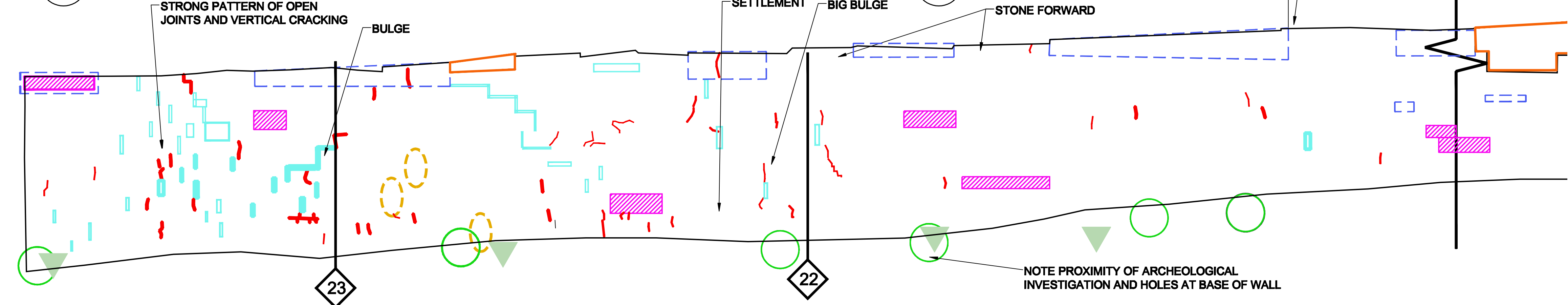
CAMBER: WALL IS PERPENDICULAR WITH MINIMAL BATTER
STONE SIZE: VERY REGULAR - MEDIUM TO LARGE
COURSING: COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND SLOPES AWAY FROM AND PARALLEL TO WALL

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

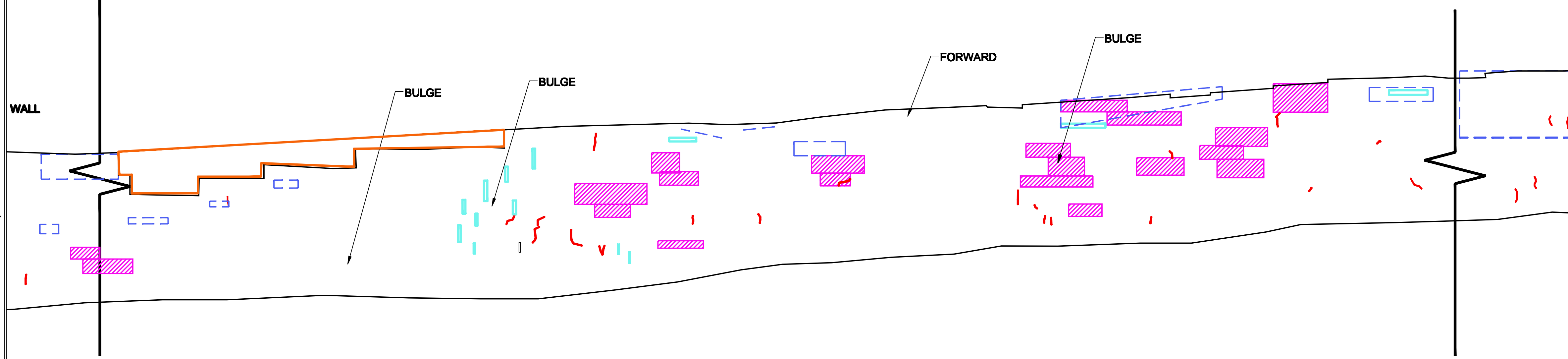


23 WEST BASTION - EAST WALL - LEFT END
SCALE: 3/8" = 1'-0"

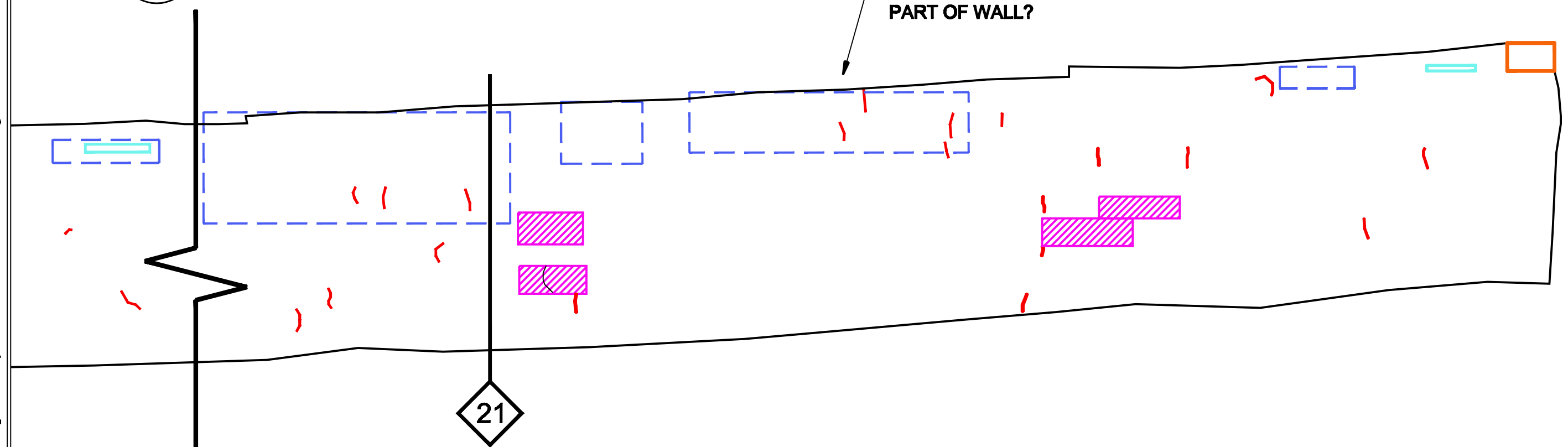
24 WEST BASTION - EAST WALL - RIGHT END
SCALE: 3/8" = 1'-0"



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



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



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

Feb 11, 2014 - s24gma PA\Projects\FORTNEGLEY\FORTNEGLEY_V4_Drawing\VA_Arch\VA_Arch\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
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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/Archaeology
 New South Associates, Inc.
 Nashville, Tennessee

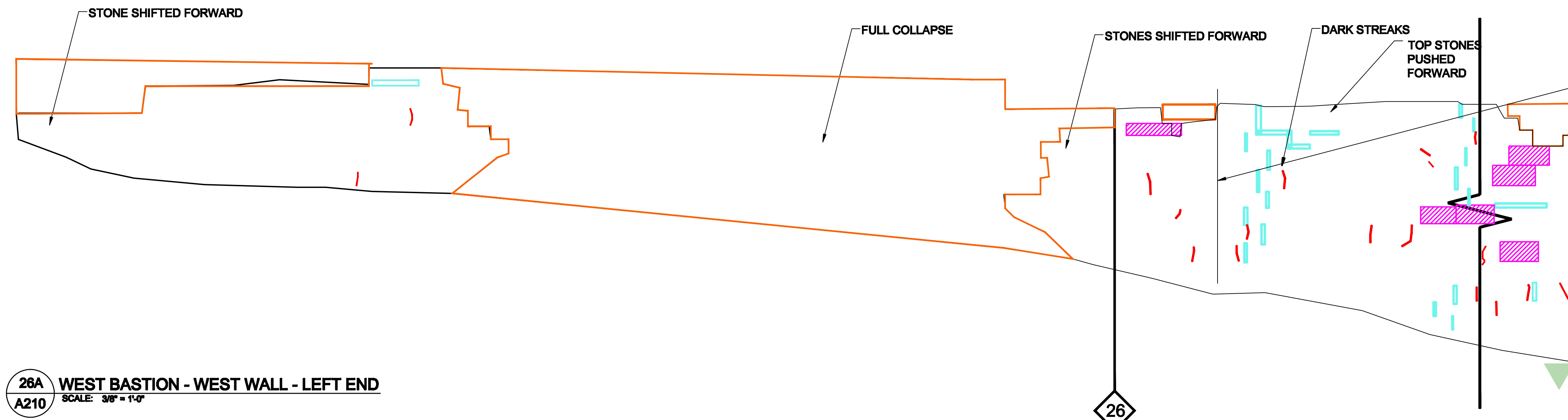
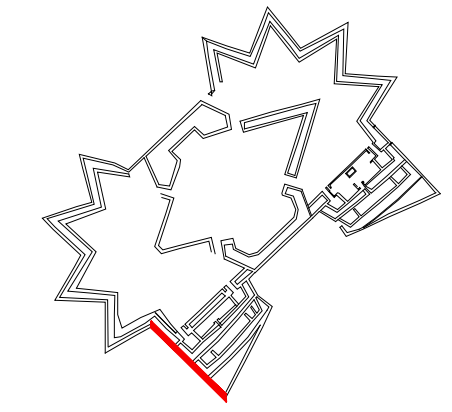
Cost Estimator
 International
 Consultants, Inc.
 Philadelphia, Pennsylvania

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

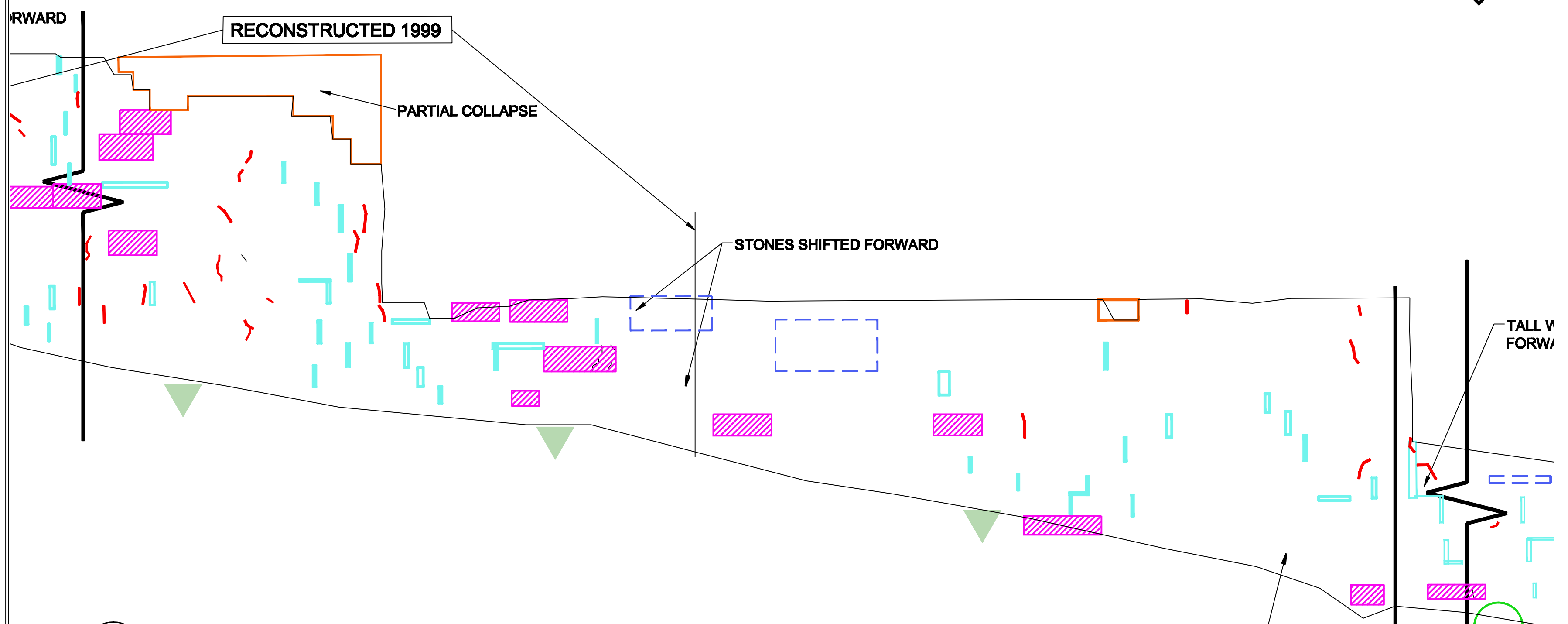
West Bastion
 West Exterior Wall
 Line Elevations

A210

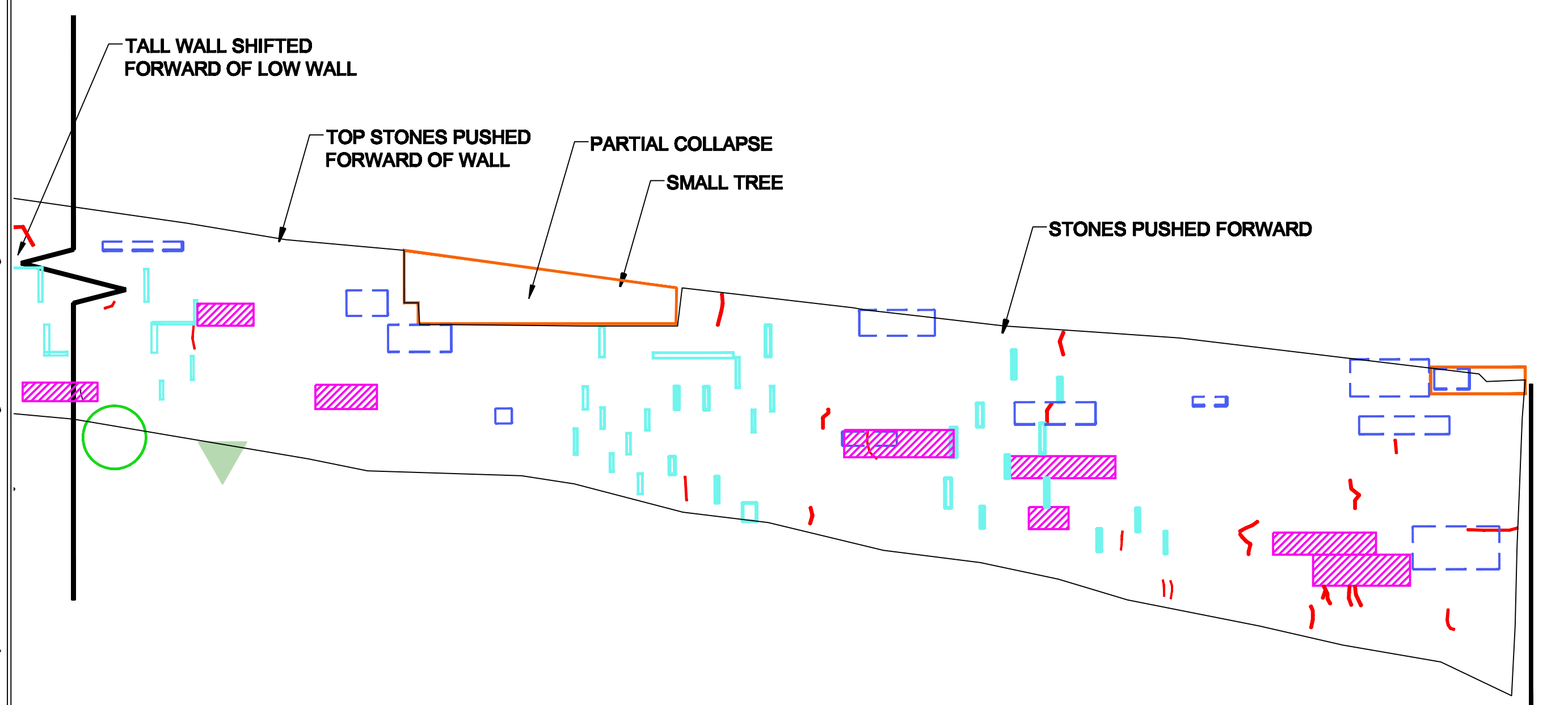
CAMBER: WALL IS MOSTLY BATTERED
 STONE SIZE: STONES ARE VERY UNIFORM IN
 HEIGHT AND LONGER THAN IN
 OTHER WALLS. TOP STONES ARE
 CUT AT AN ANGLE
 COURSING: COURSED
 CHINKING: NONE
 VEGETATION: SMALL WEEDS IN FACE
 SLOPE: GROUND SLOPES AWAY FROM
 AND PARALLEL TO WALL



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

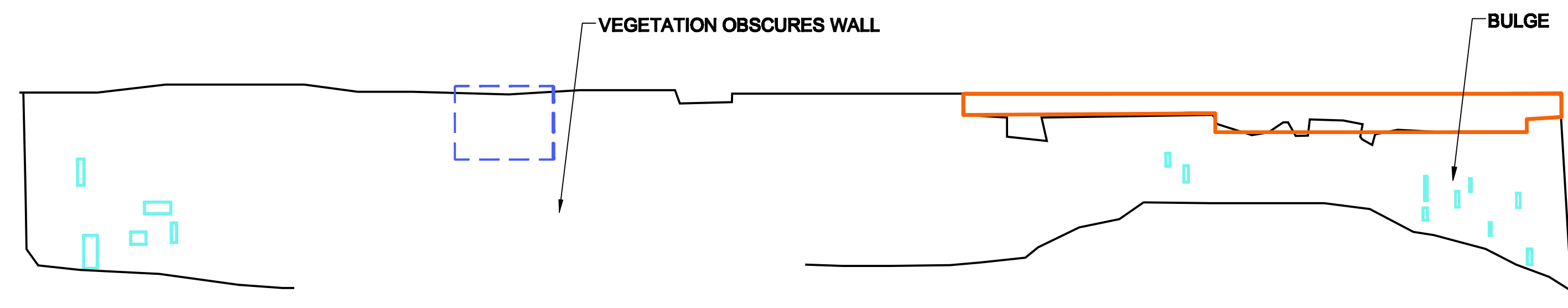


26B WEST BASTION - WEST WALL - CENTER
 A210 SCALE: 3/8" = 1'-0"

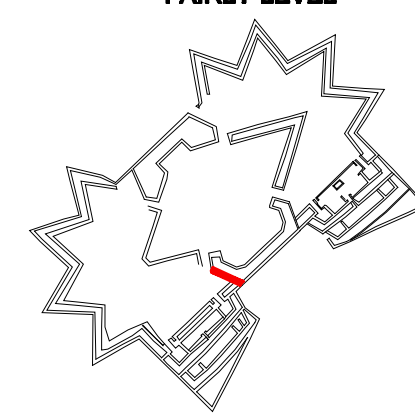


26C WEST BASTION - WEST WALL - RIGHT END
 A210 SCALE: 3/8" = 1'-0"

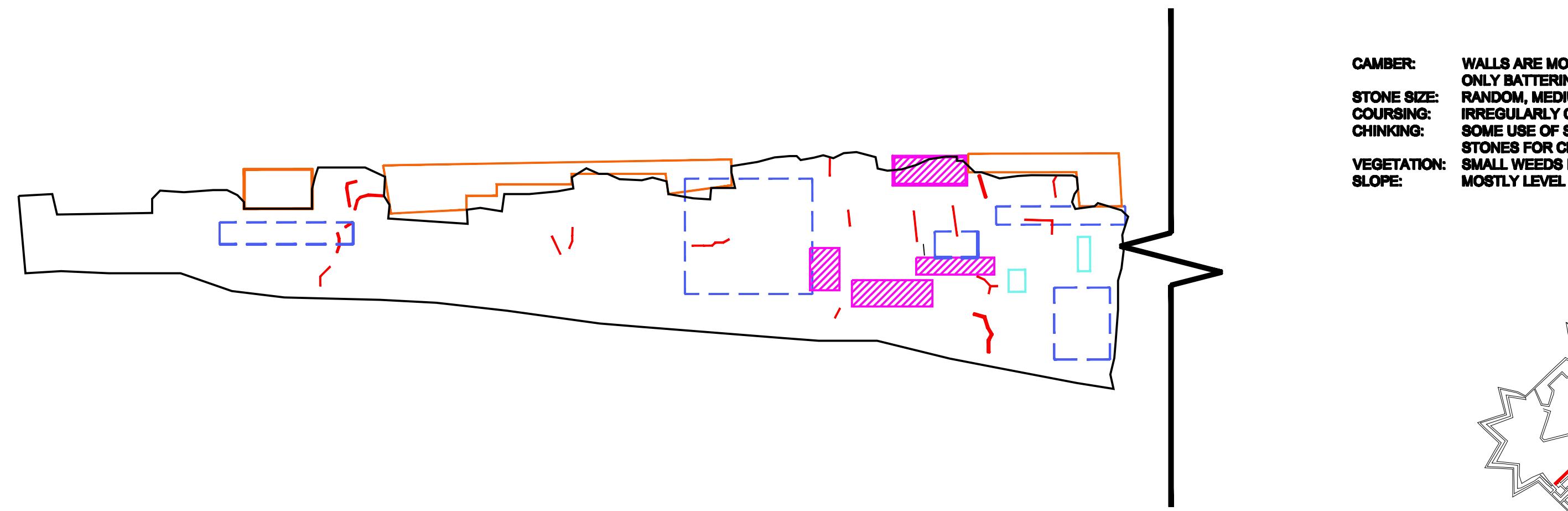
Feb 11, 2014 - szsajiga.PA\Project\13\FORTNEGLEY\FORTNEGLEY_V4_Drawing\VA_Arch\VA_A.Dwg FORTNEGLEY WEST BASTION - W.dwg



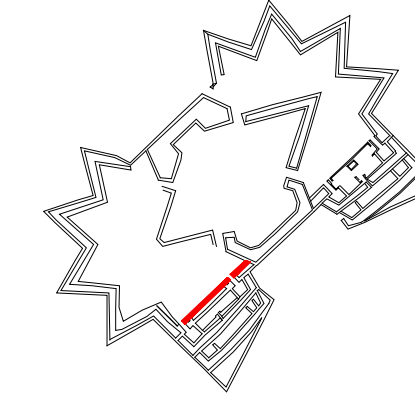
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL FAIRLY LEVEL



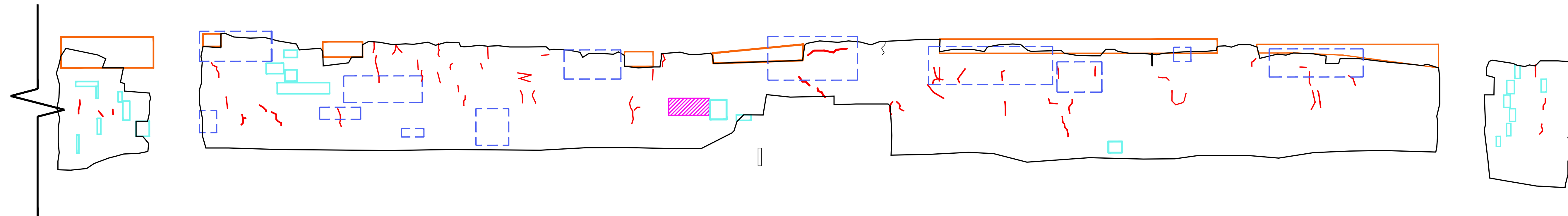
27 SOUTH MAIN WORKS - EXTERIOR - WEST FACING BASTION
A211 SCALE: 3/8" = 1'-0"



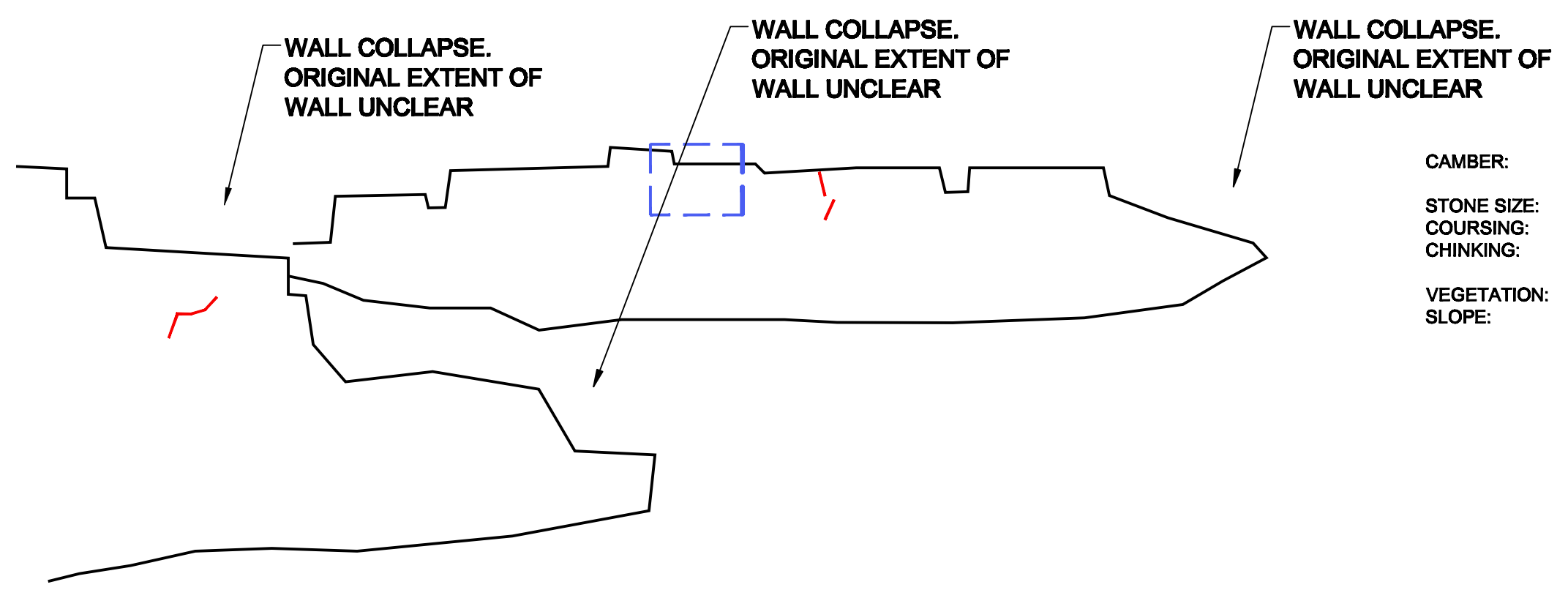
CAMBER: WALLS ARE MOSTLY PERPENDICULAR WITH ONLY BATTERING AT STAR WALLS
STONE SIZE: RANDOM, MEDIUM TO LARGE
COURSING: IRREGULARLY COURSED
CHINKING: SOME USE OF SMALL AND MEDIUM SIZED STONES FOR CHINKING
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: MOSTLY LEVEL



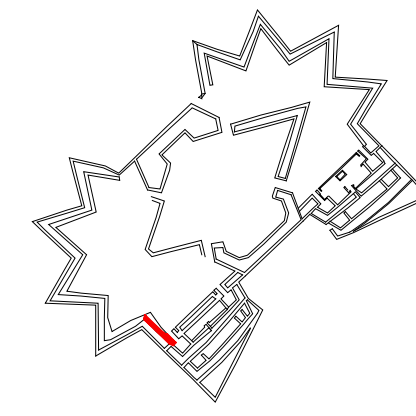
28A WEST BASTION - NORTH INTERIOR WALL - EAST END
A211 SCALE: 3/8" = 1'-0"



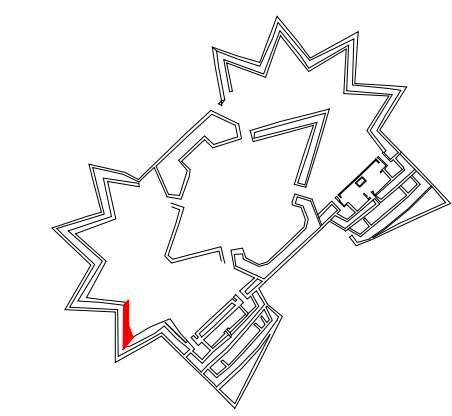
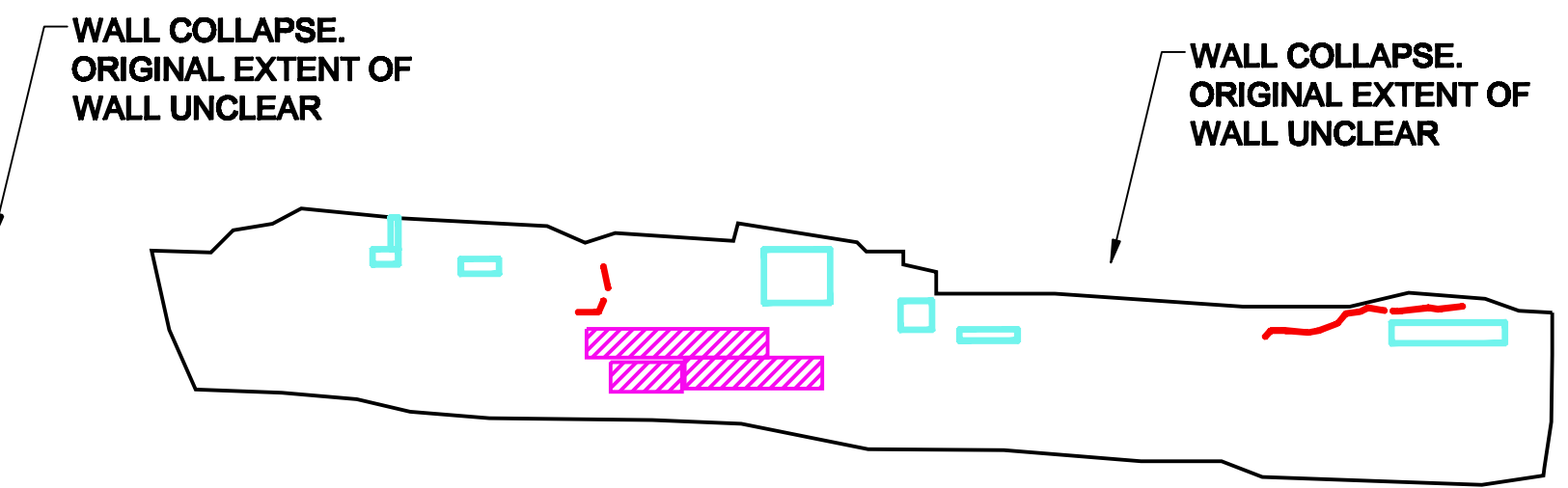
28B WEST BASTION - NORTH INTERIOR WALL - CENTER
A211 SCALE: 3/8" = 1'-0"



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



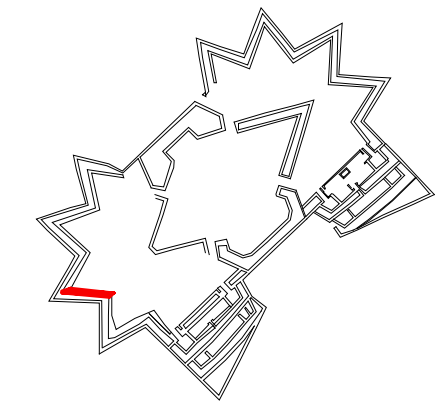
CAMBER: COLLAPSED WALLS, LEANS FORWARD
STONE SIZE: RANDOM, MEDIUM TO LARGE
COURSING: SOMEWHAT COURSED
CHINKING: SOME USE OF SMALL AND MEDIUM SIZED STONES FOR CHINKING
VEGETATION: WEEDS IN FACE.
SLOPE: SLIGHT SLOPE PERPENDICULAR



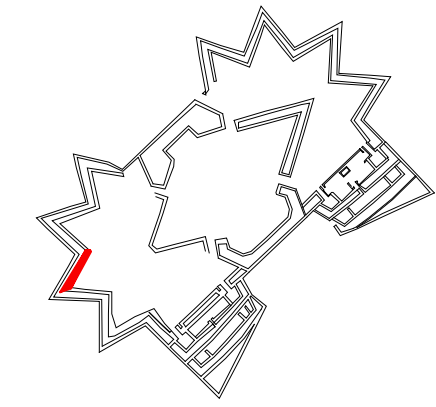
29 WEST BASTION - INTERIOR WALL BETWEEN WEST BASTION AND REDAN #1
A211 SCALE: 3/8" = 1'-0" (APPROXIMATE)

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

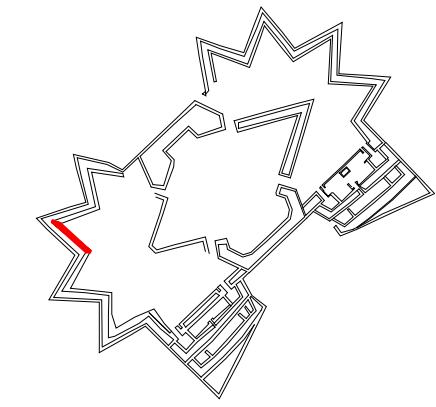
CAMBER: RANDOM, SOME VERY LARGE STONES
STONE SIZE: UN-COURSED
COURSING: MAY HAVE BEEN A LOT, OPEN JOINTS MAY HAVE HAD CHINKING
CHINKING: SMALL WEEDS IN FACE, NO TREES
VEGETATION: GROUND IS MOSTLY FLAT IN FRONT OF WALL, LOW AREA AT BLOWOUT
SLOPE:



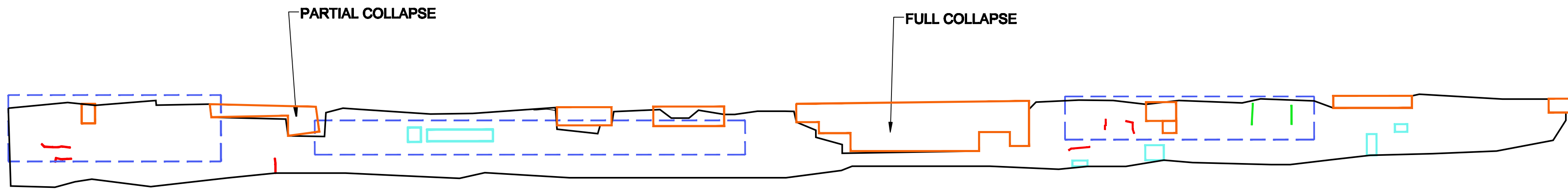
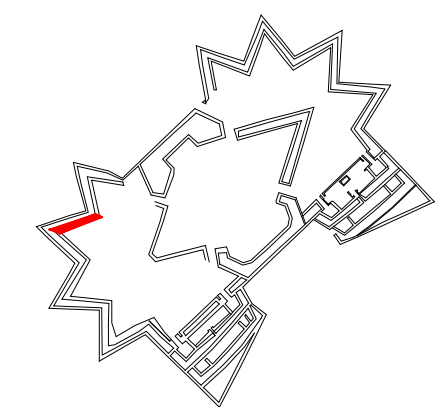
CAMBER: WALL FALLING FORWARD AND COLLAPSED
STONE SIZE: RANDOM, SOME LARGE STONES
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT.



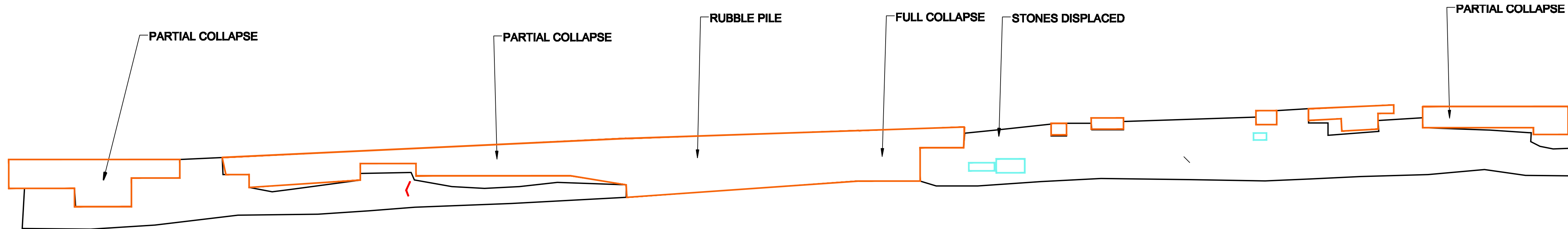
CAMBER: MOSTLY VERTICAL, SOME COLLAPSE AND ROLLING OFF OF CAP
STONE SIZE: RANDOM, MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: MANY SMALL STONES, ALSO LONG THIN STONES
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL IN FRONT



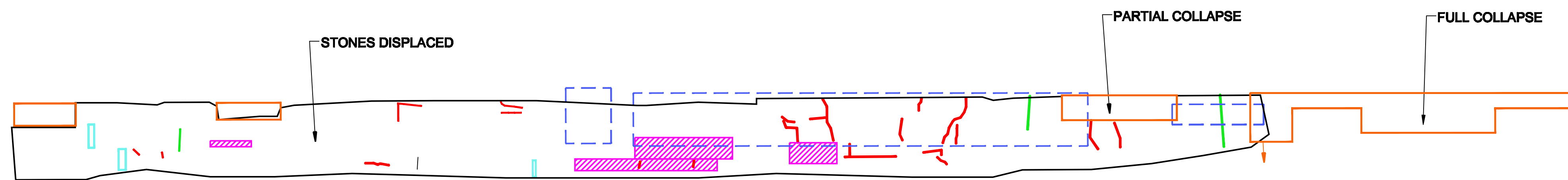
CAMBER: HEAVILY COLLAPSED
STONE SIZE: VARIES ALONG WALL, REGULAR AT RIGHT END, BUT RANDOM AND ROUNDED IN MIDDLE AT BLOWOUT
COURSING: MOSTLY IRREGULAR, BUT SOME AREAS ARE MORE COURSED
CHINKING: SOME EVIDENCE OF MEDIUM TO SMALL CHINKING REMAINS
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: AWAY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



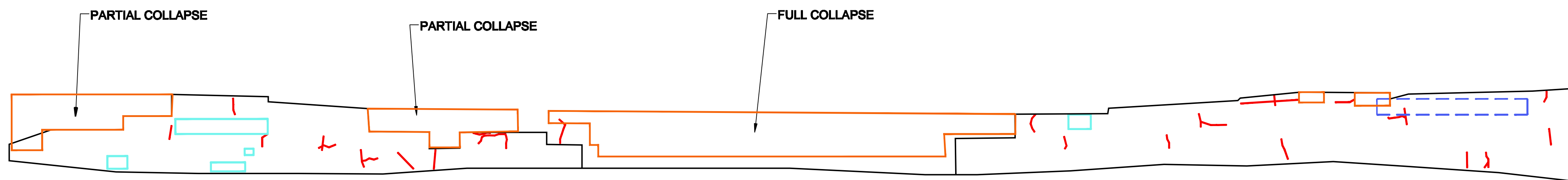
31 REDAN #2 - INTERIOR - SOUTH SIDE
A212 SCALE: 3/8" = 1'-0"



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

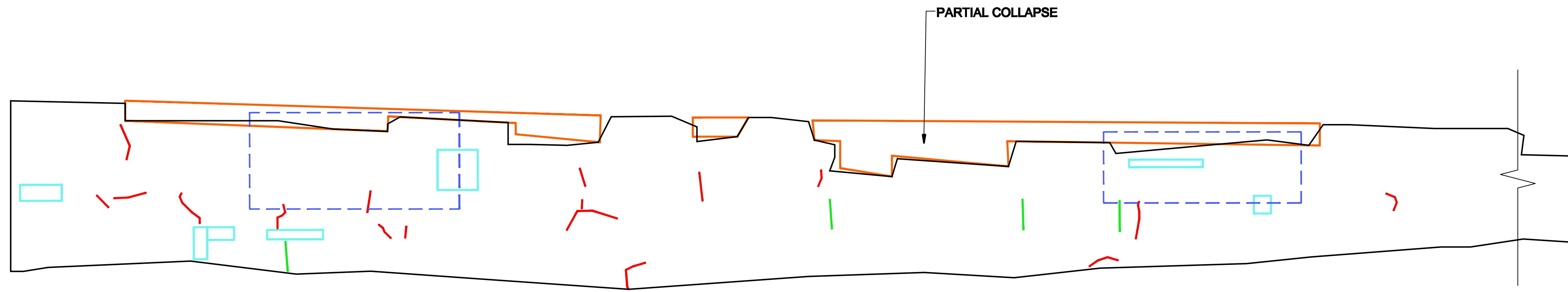
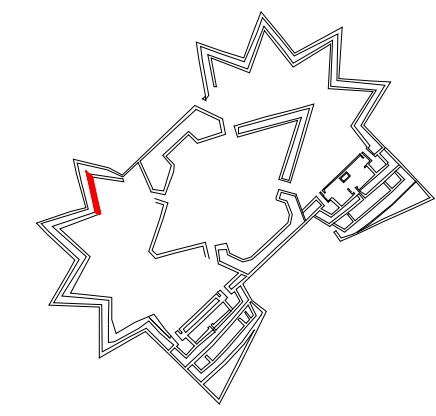


33 REDAN #3 - INTERIOR - WEST SIDE
A212 SCALE: 3/8" = 1'-0"



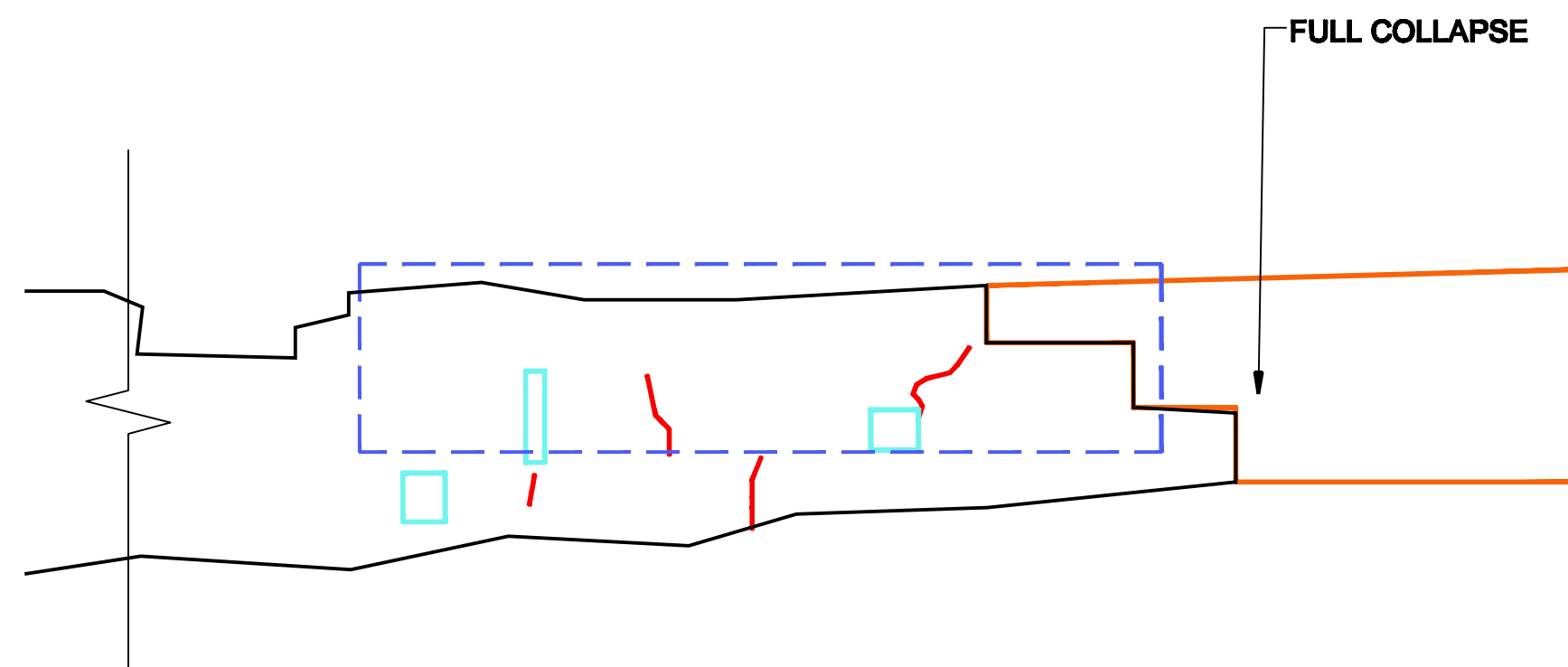
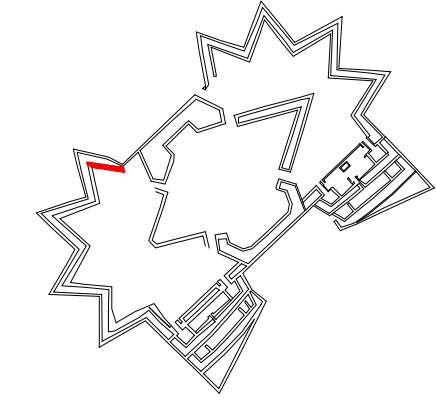
34 REDAN #3 - INTERIOR - SOUTH SIDE
A212 SCALE: 3/8" = 1'-0"

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

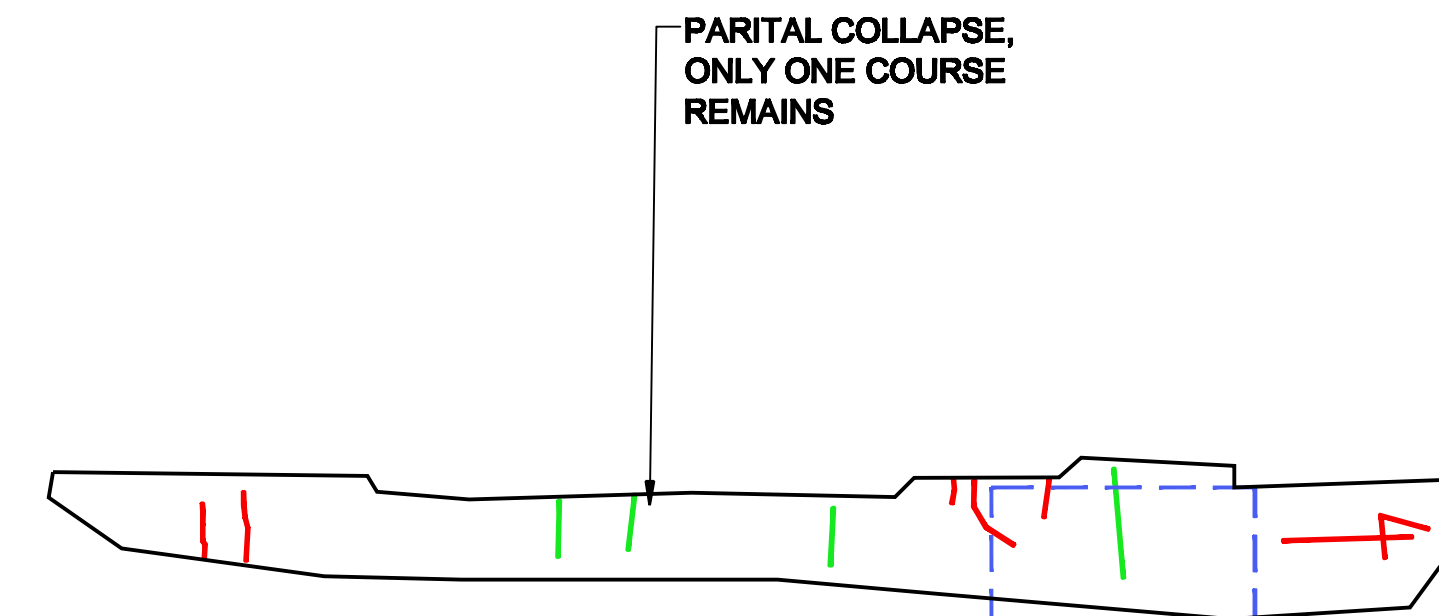


35A
A213 REDAN #4 - INTERIOR - WEST SIDE PARTIAL
SCALE: 3/8" = 1'-0"

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

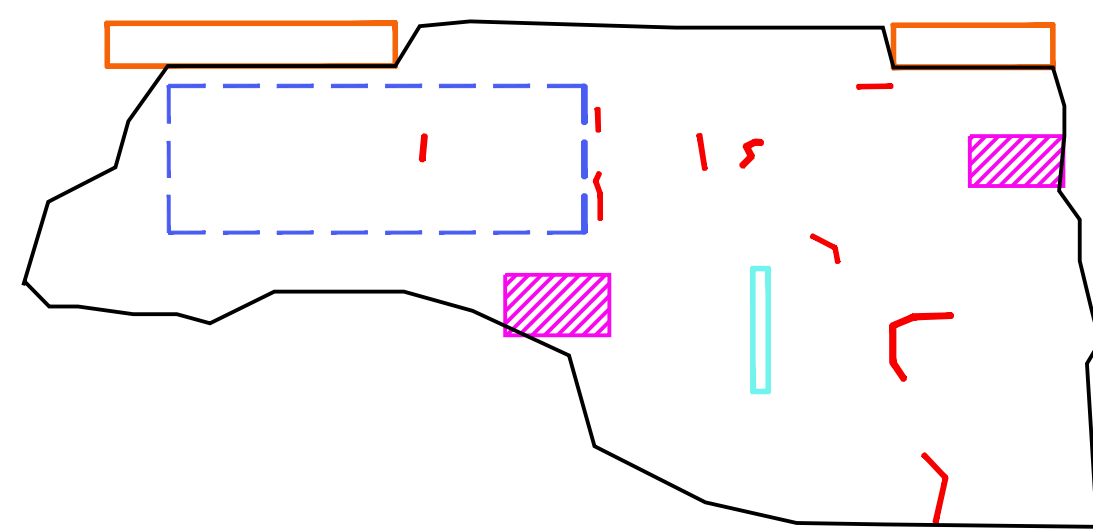


35B
A213 REDAN #4 - INTERIOR - WEST SIDE CONTINUED
SCALE: 3/8" = 1'-0"



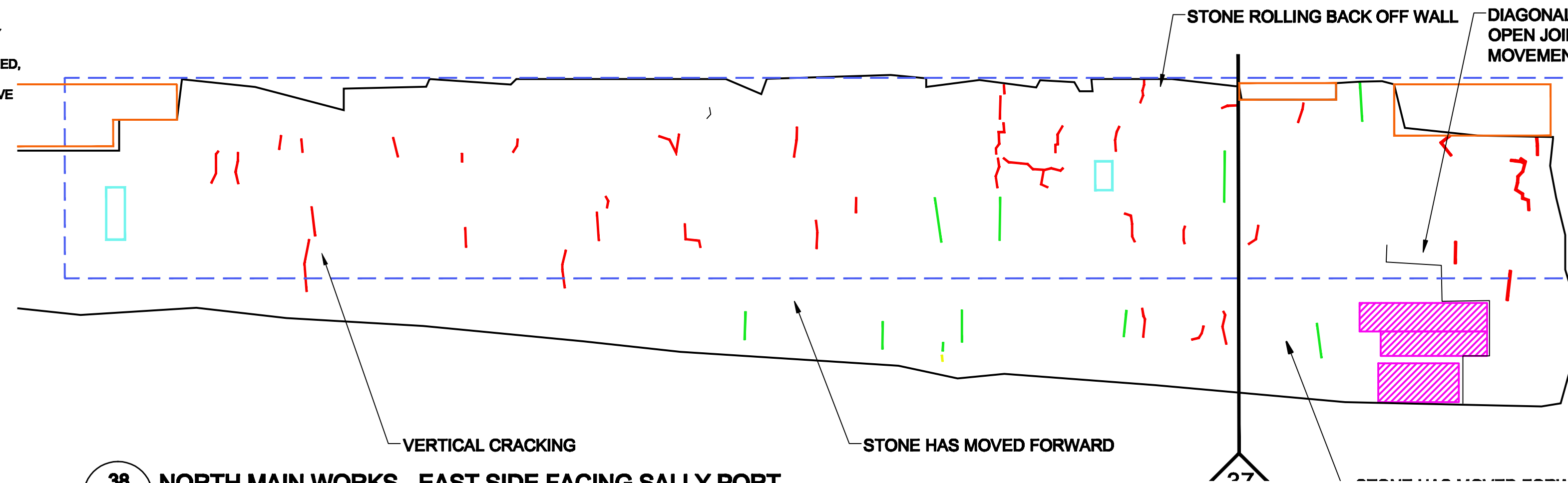
36
A213 REDAN #4 - INTERIOR - EAST SIDE
SCALE: 3/8" = 1'-0"

CAMBER: SLIGHTLY BATTERED, BIG RUBBLE PILES
STONE SIZE: ADJACENT 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



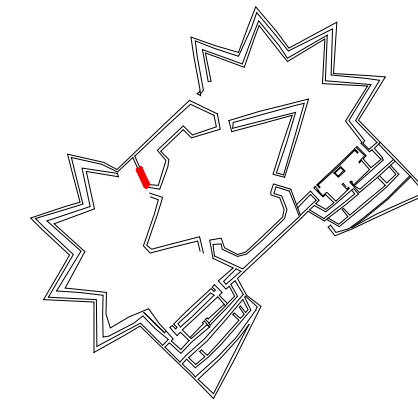
37
A213 NORTH MAIN WORKS, WEST SIDE FACING REDAN #4
SCALE: 3/8" = 1'-0"

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: 3/8" = 1'-0"

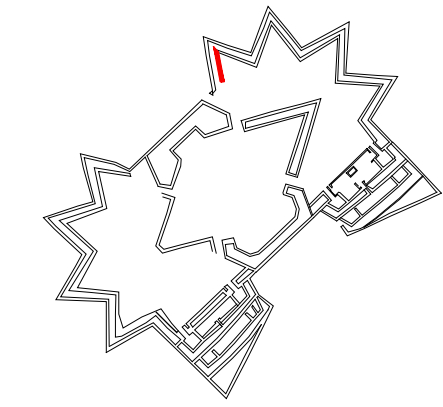
CAMBER: NOT DISCERNABLE
STONE SIZE: RANDOM
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: WEEDS AND SMALL TREES IN WALL
SLOPE: MOSTLY LEVEL IN FRONT



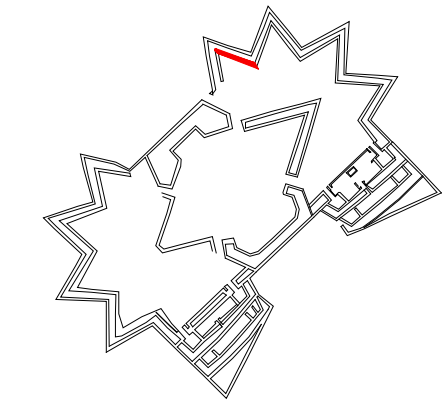
39
A213 NORTH MAIN WORKS, WEST SIDE FACING REDAN #4
SCALE: 3/8" = 1'-0"

COMPLETE WALL COLLAPSE

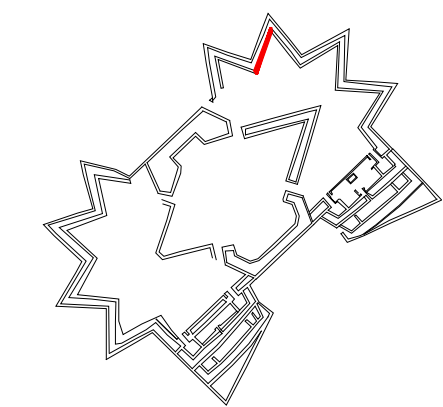
CAMBER: MOSTLY VERTICAL. BLOWOUT AT ONE END AND TOP
COURSE IS MOVING FORWARD AND FALLING
STONE SIZE: MEDIUM, FAIRLY REGULAR
COURSING: IRREGULAR
CHINKING: SOME SMALL STONES, AND GAPS LIKELY FROM
PREVIOUS FACE CHINKING
VEGETATION: SOME SMALL WEEDS AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.



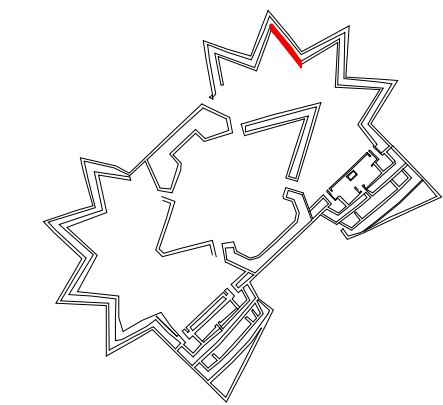
CAMBER: ONLY ONE COURSE REMAINS
STONE SIZE: LARGE STONES.
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.



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.



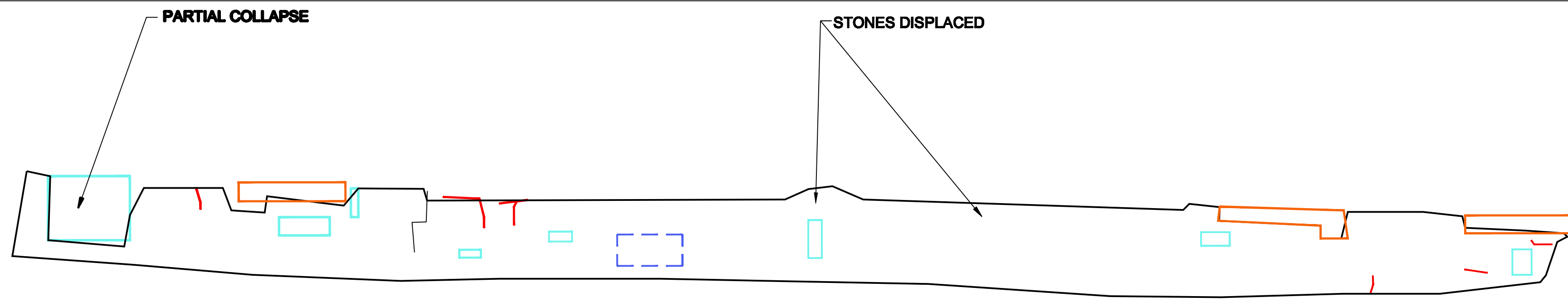
CAMBER: ONLY ONE COURSE REMAINS
STONE SIZE: LARGE STONES.
COURSING: NOT DISCERNABLE
CHINKING: NOT DISCERNABLE
VEGETATION: MINIMAL
SLOPE: MOSTLY LEVEL IN FRONT.



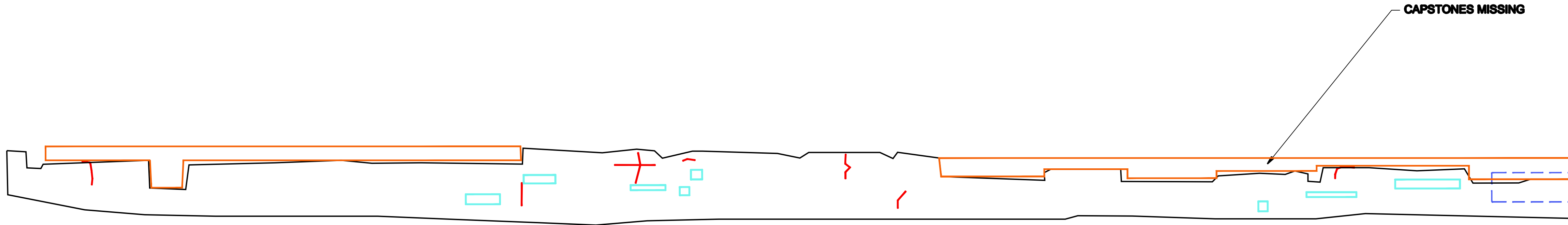
project: FORTNEGLEY
drawn: CQ
checked:
phase: HSR
date: 31 January 2014
revised:

Redans 5 & 6
Interior
Line Elevations

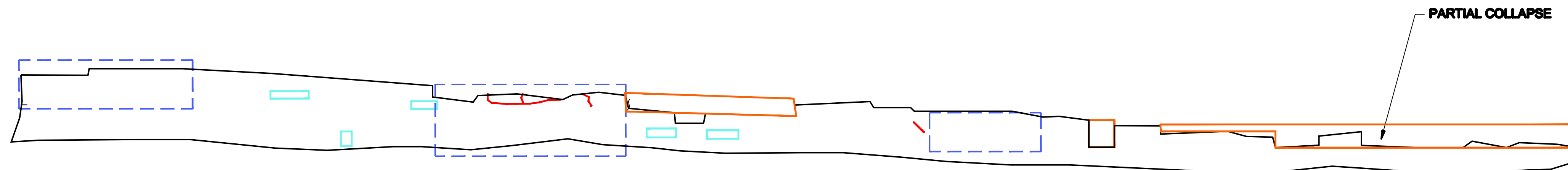
A214



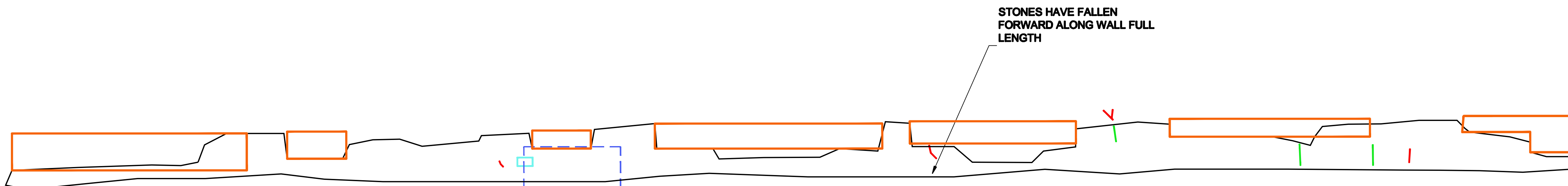
40 REDAN #5 INTERIOR - WEST SIDE
A214 SCALE: 3/8" = 1'-0"



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

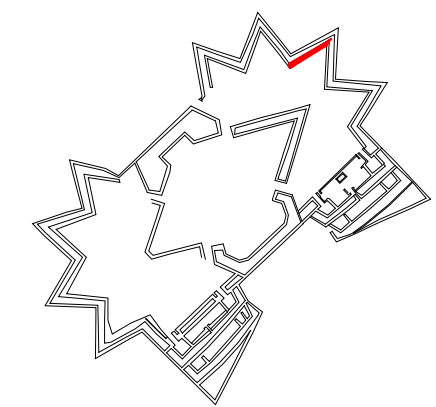


42 REDAN #6 INTERIOR - WEST SIDE
A214 SCALE: 3/8" = 1'-0"

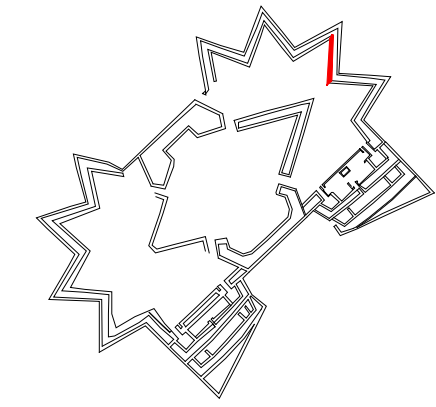


43 REDAN #6 INTERIOR - EAST SIDE
A214 SCALE: 3/8" = 1'-0"

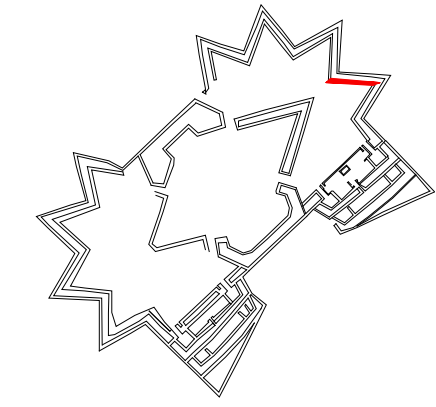
CAMBER: MOSTLY VERTICAL. BLOWOUT AT ONE END AND TOP COURSE IS MOVING FORWARD AND FALLING
STONE SIZE: MIXED, SOME VERY LARGE
COURSING: IRREGULAR
CHINKING: SOME SMALL STONES, AND GAPS LIKELY FROM PREVIOUS FACE CHINKING
VEGETATION: SOME SMALL WEEDS AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.



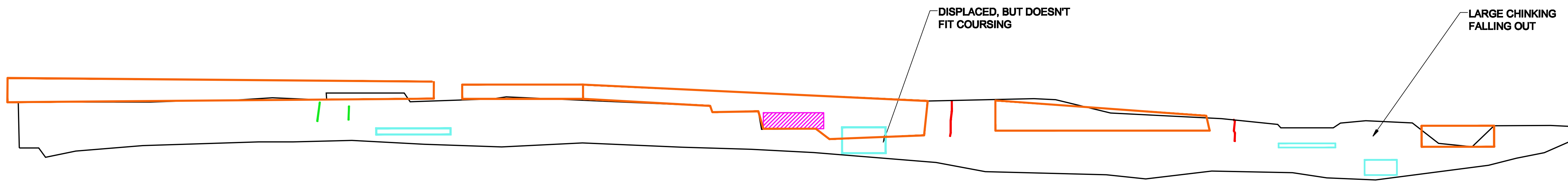
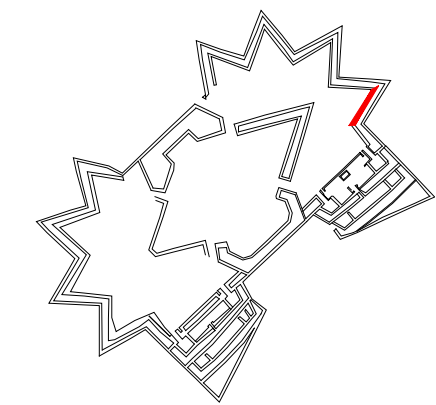
CAMBER: VERTICAL, OR STONES FALLING FORWARD AND BLOWOUTS
STONE SIZE: MIXED, SOME LARGE STONES.
COURSING: IRREGULAR
CHINKING: FACE CHINKING IS FALLING OUT
VEGETATION: VINES AND WEEDS
SLOPE: MOSTLY LEVEL IN FRONT.



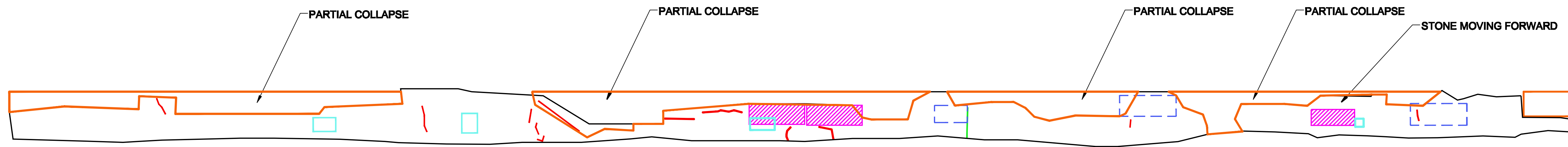
CAMBER: VERTICAL. STONES FALLING FORWARD OR BLOWOUTS
STONE SIZE: MIXED
COURSING: SOMEWHAT COURSED
CHINKING: SOME LARGER STONES USED FOR CHINKING. MANY HAVE FALLEN OUT.
VEGETATION: GRASS, VINES, AND SOME SMALL SUMAC TREES.
SLOPE: MOSTLY LEVEL IN FRONT.



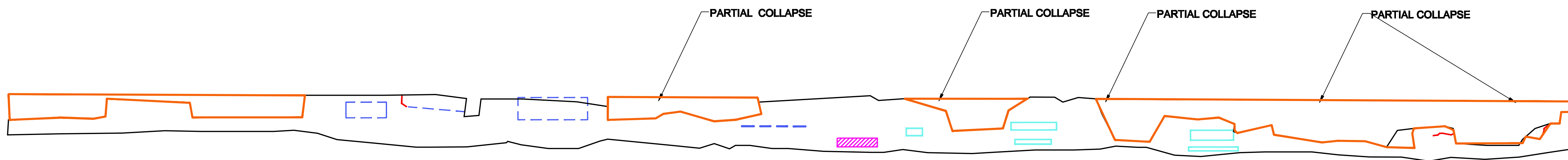
CAMBER: MOSTLY VERTICAL. SEVERAL BLOWOUTS, TOP COURSE MISSING
STONE SIZE: MIXED
COURSING: IRREGULAR
CHINKING: NOT DISCERNABLE
VEGETATION: GRASSES AND VINES
SLOPE: MOSTLY LEVEL IN FRONT.



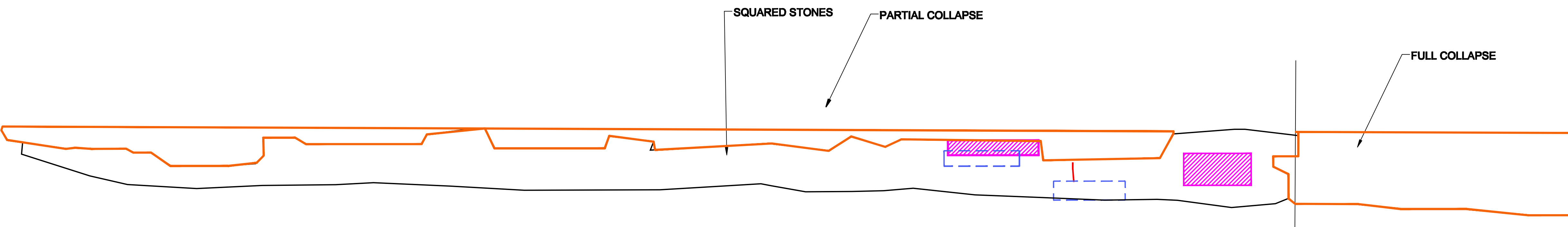
44 REDAN #7 INTERIOR - NORTH SIDE
A215 SCALE: 3/8" = 1'-0"



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



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

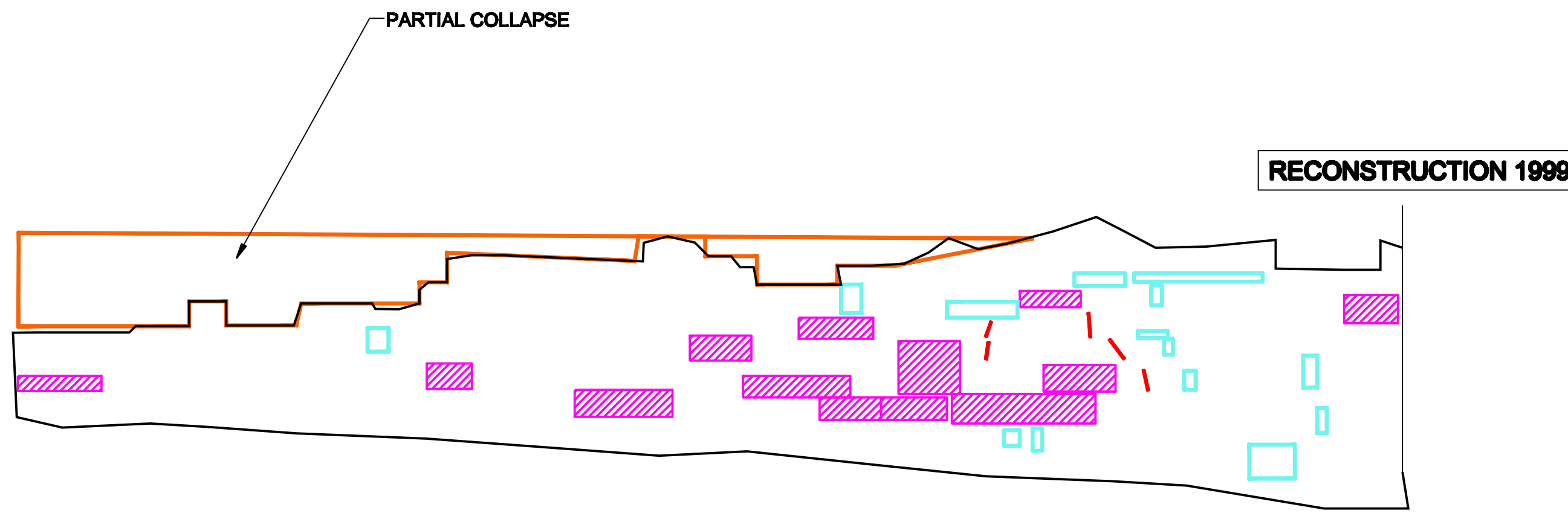


47 REDAN #8 INTERIOR - EAST SIDE
A215 SCALE: 3/8" = 1'-0"

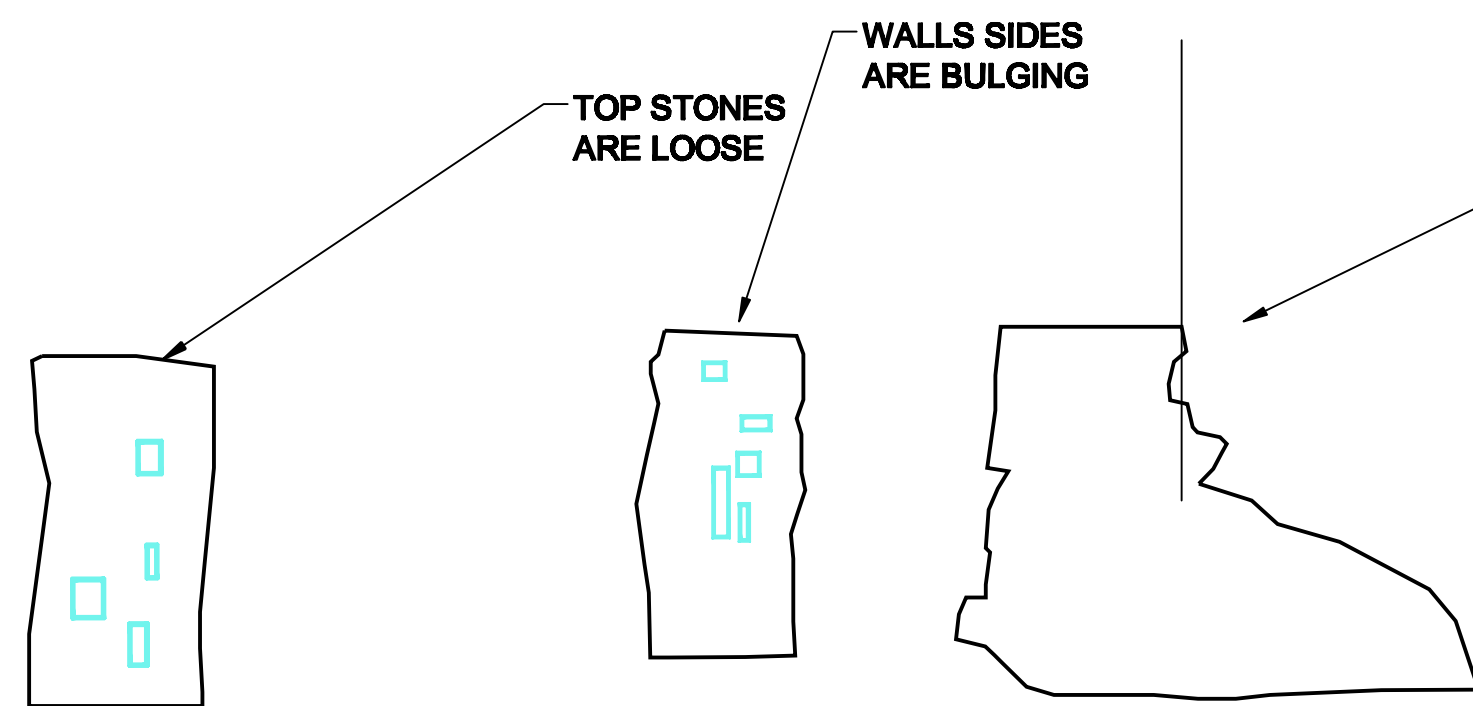
CAMBER: WALL IS PERPENDICULAR WITH
MINIMAL BATTER
STONE SIZE: MEDIUM TO SMALL STONES
COURSING: SOMEWHAT COURSED, MORE
COURSED ON RIGHT THAN LEFT
CHINKING: SMALL ROCKS USED AS FACE
CHINKING
VEGETATION: SMALL WEEDS IN FACE, NO TREES
SLOPE: GROUND IS FAIRLY LEVEL

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

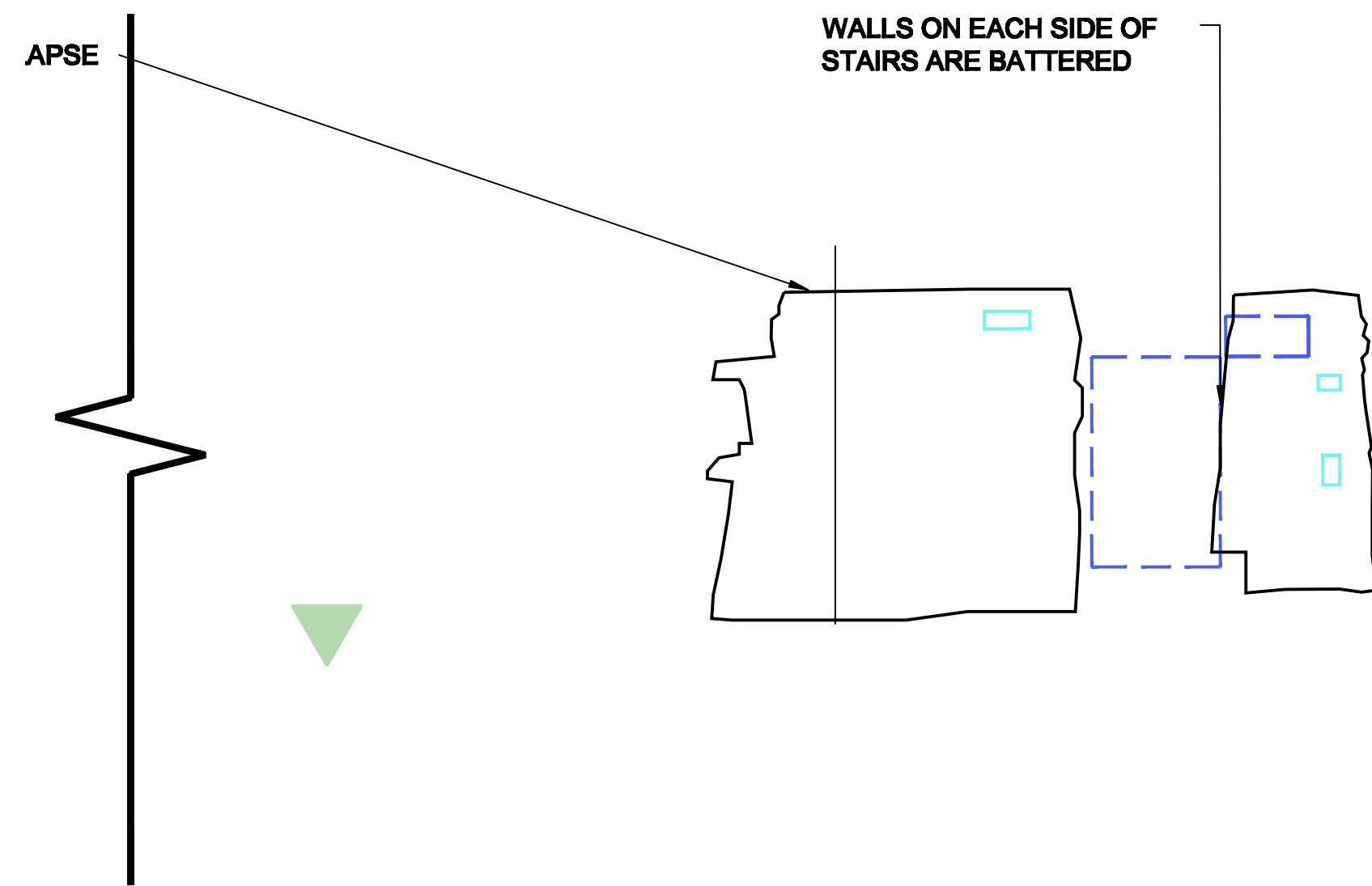
CAMBER: WALLS HAS COLLAPSED.
STONE SIZE: NONE REMAINING
COURSING: NONE REMAINING
CHINKING: NONE REMAINING
VEGETATION: VEGETATION COMPLETELY COVERS THE
FORMER WALL AREA.
SLOPE: MOSTLY LEVEL IN FRONT OF WALL



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



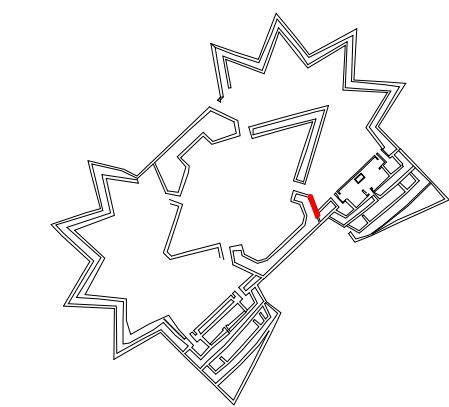
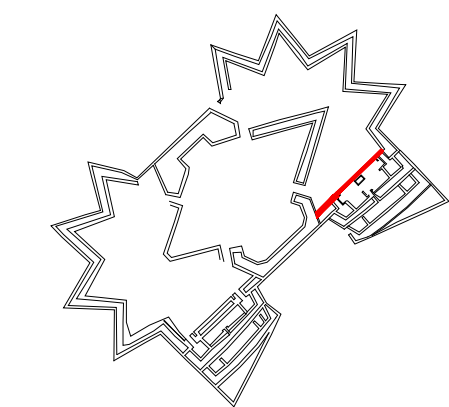
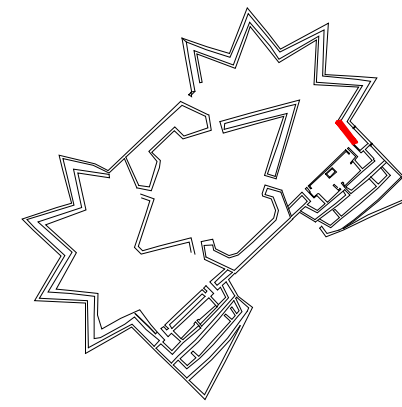
49A EAST BASTION - NORTH INTERIOR WALL - EAST END
A216 SCALE: 3/8" = 1'-0"



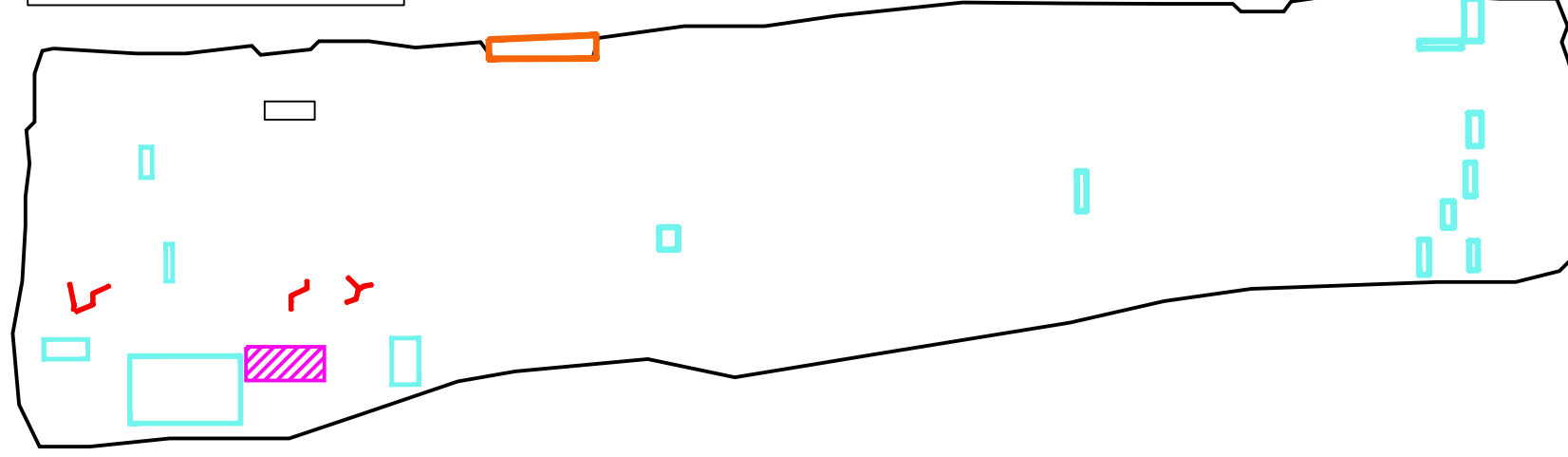
49B EAST BASTION - NORTH INTERIOR WALL - WEST END
A216 SCALE: 3/8" = 1'-0"



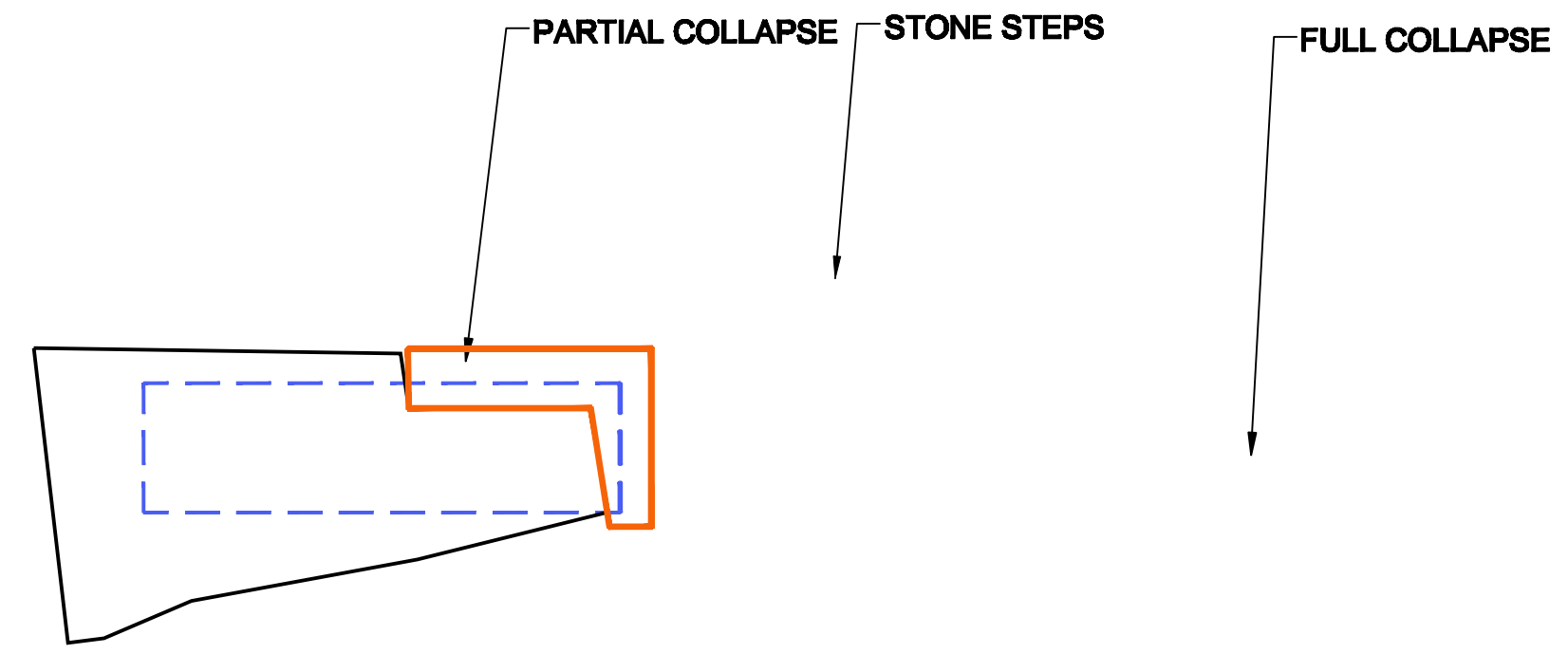
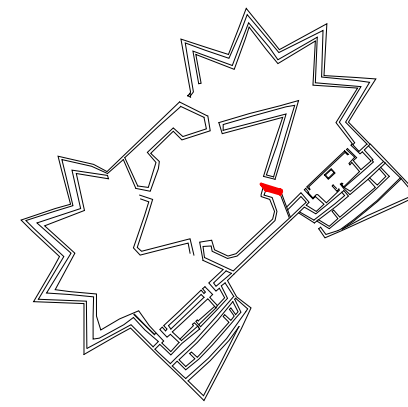
50 SOUTH MAIN WORKS - WEST WALL - FACING EAST BASTION
A216 SCALE: 3/8" = 1'-0"



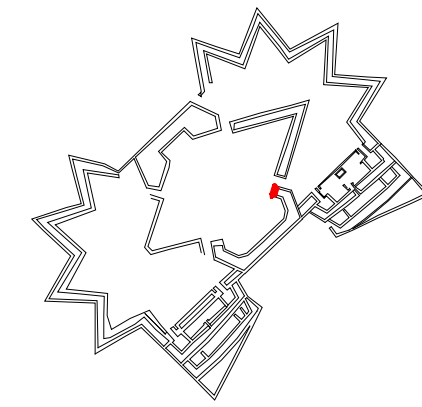
RECONSTRUCTED 1999



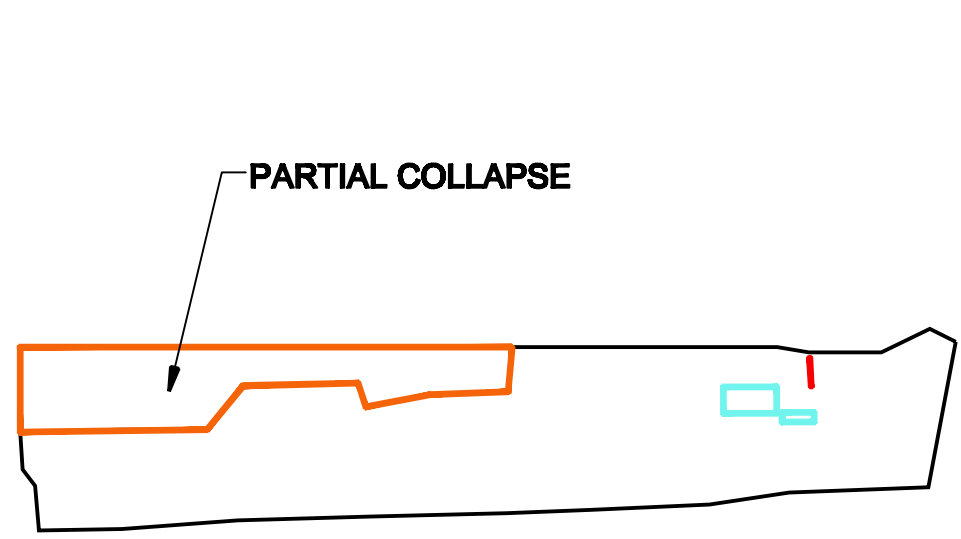
CAMBER: SLIGHTLY BATTERED
STONE SIZE: MEDIUM, MANY VERY HORIZONTAL AND THIN
COURSING: IRREGULAR
CHINKING: HEAVY IN AREAS, LARGE PEBBLES AND FLAT STONES
VEGETATION: SMALL WEEDS IN FACE
GRADE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL



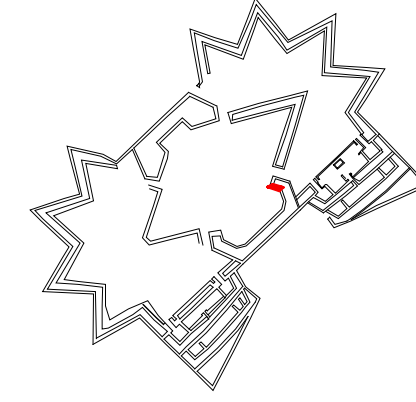
CAMBER: WALL MOSTLY COLLAPSED
STONE SIZE: MEDIUM, UNIFORM
COURSING: FAIRLY WELL COURSED
CHINKING: NONE
VEGETATION: MINIMAL
CRACKS: PARALLEL TO WALL



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

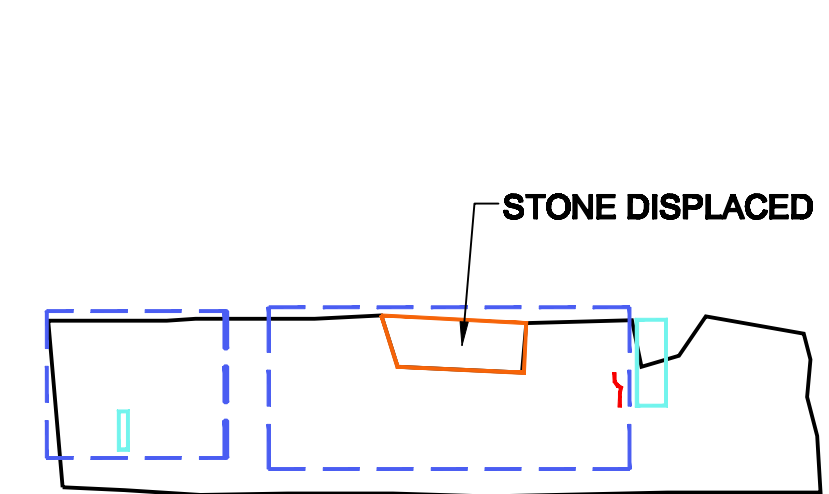
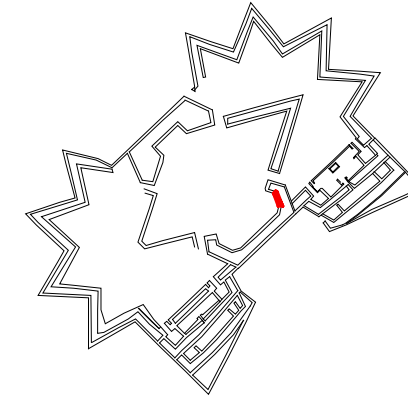


CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL

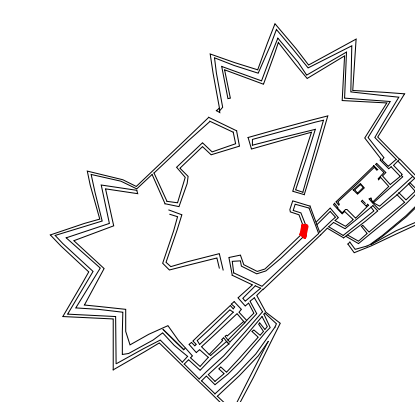


52 SOUTH MAIN WORKS - EAST - END FACING STOCKADE AREA
A217 SCALE: 3/8" = 1'-0" NOTE: PHOTO TAKEN FROM ABOVE BARRICADES, VERTICAL SCALE NOT ACCURATE

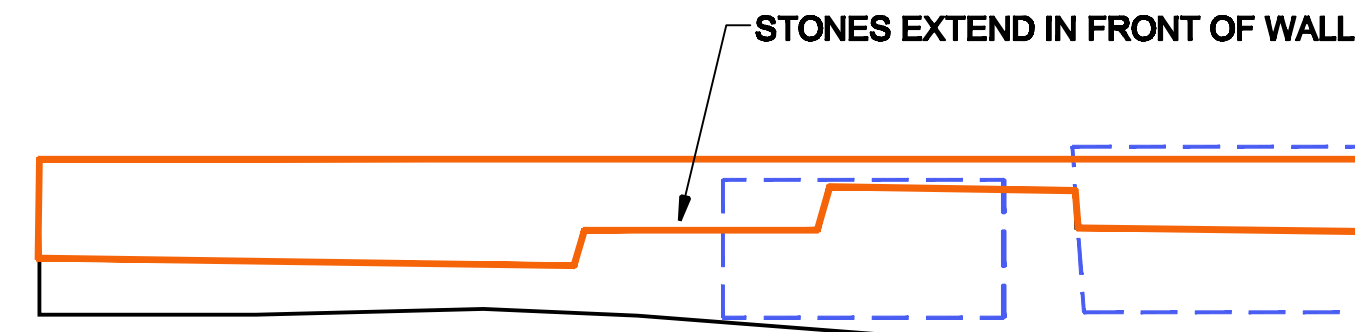
CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: MOSTLY VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL



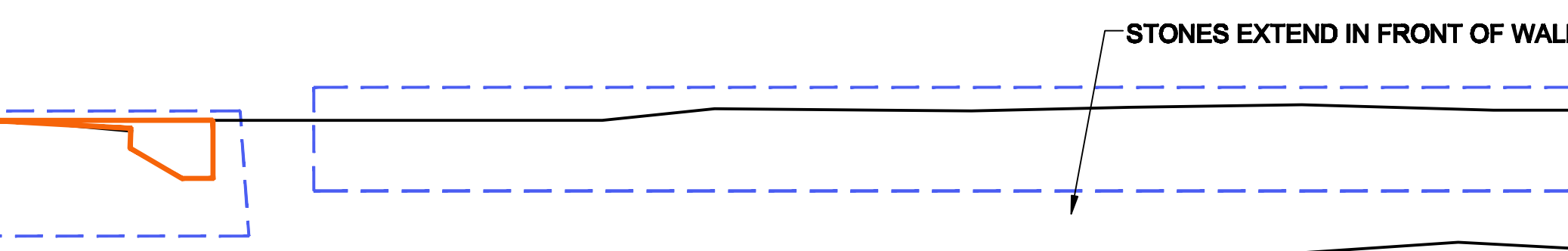
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL, FAIRLY LEVEL



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

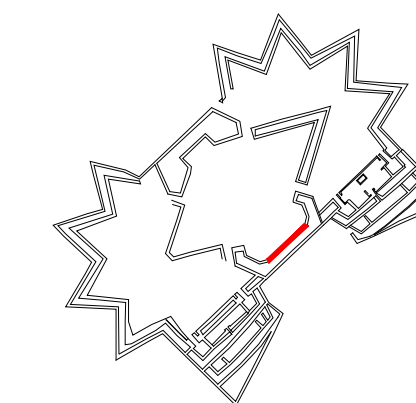


54 SOUTH MAIN WORKS - INTERIOR - EAST - CENTER SECTION
A217 SCALE: 3/8" = 1'-0"

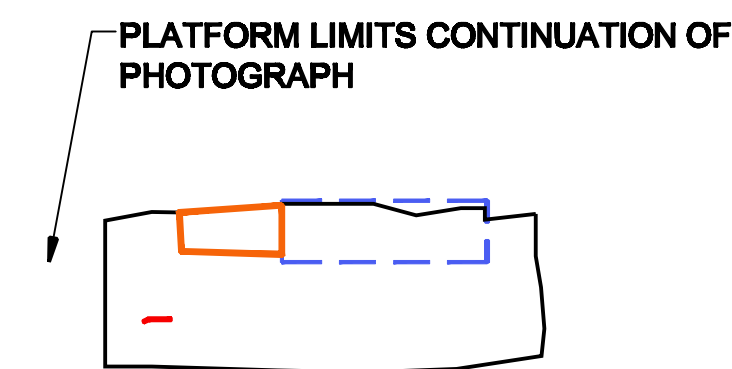


55 SOUTH MAIN WORKS - INTERIOR - EAST - SOUTH SECTION
A217 SCALE: 3/8" = 1'-0"

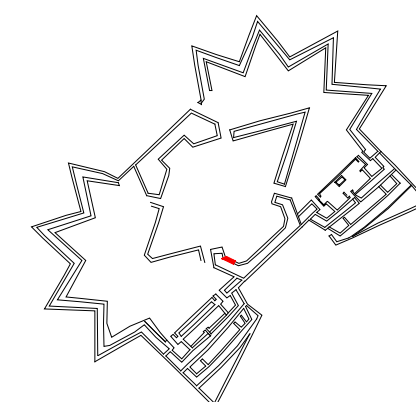
CAMBER: SLIGHTLY BATTERED, MORE VERTICAL AT RIGHT
STONE SIZE: RANDOM, NOT MANY LARGE STONES
COURSING: SOMEWHAT COURSED, BUT NOT WELL DEFINED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PERPENDICULAR TO WALL, FAIRLY LEVEL



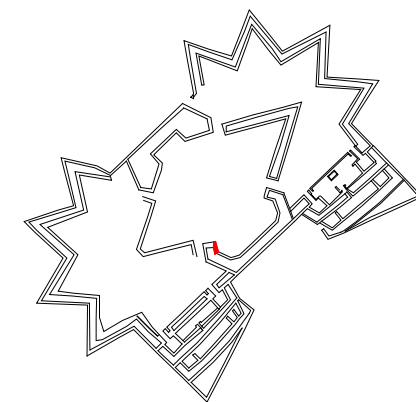
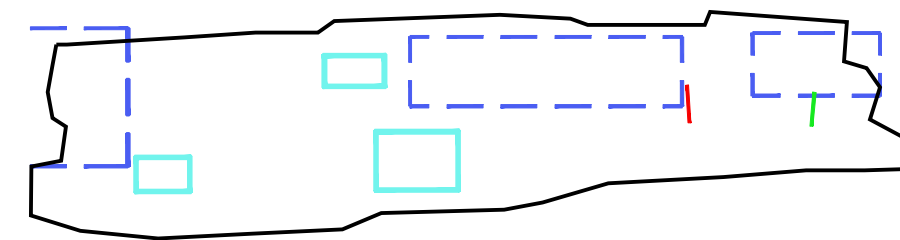
56 SOUTH MAIN WORKS - INTERIOR - NORTH WALL
A217 SCALE: 3/8" = 1'-0"



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

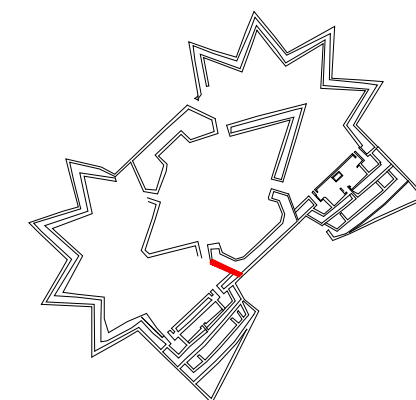


CAMBER: BATTERED AT RIGHT, LEANING OUT AT LEFT SIDE
STONE SIZE: RANDOM, SOME LARGE STONES. STONE AT RIGHT SIDE IS OF LESSER QUALITY
COURSING: SOMEWHAT COURSED, IRREGULAR
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY SLIGHTLY ROUGHLY PERPENDICULAR TO WALL



FULL COLLAPSE, APPEARS TO BE STONE STOCKPILE

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

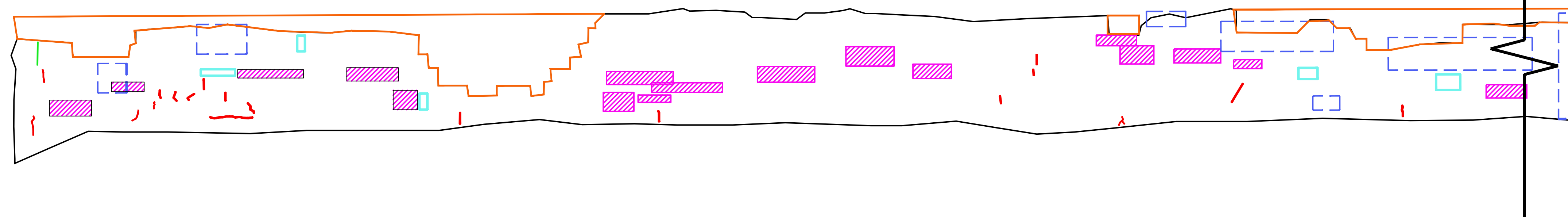
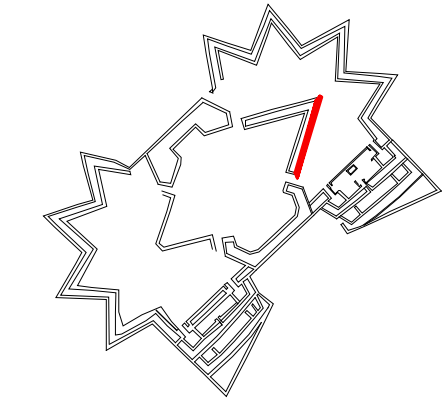


57 SOUTH MAIN WORKS - INTERIOR - WEST END
A217 SCALE: 3/8" = 1'-0"

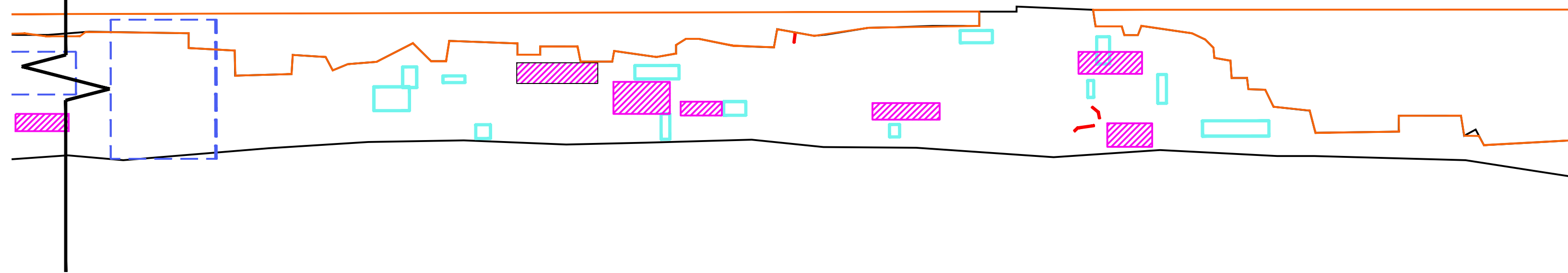
58 SOUTH MAIN WORKS - INTERIOR - WEST END - NORTH SECTION
A217 SCALE: 3/8" = 1'-0"

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

CAMBER: MOSTLY VERTICAL
STONE SIZE: MEDIUM, HORIZONTAL, 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

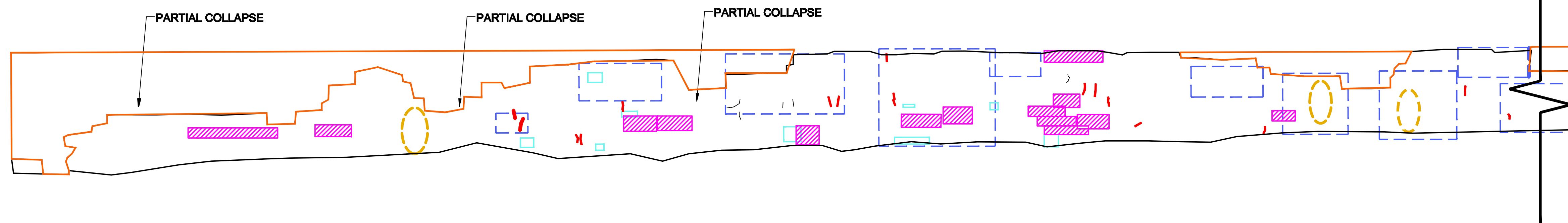
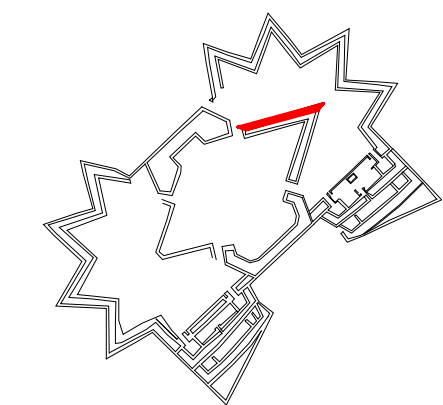


60A EAST INNER WORKS - EXTERIOR - SOUTH - LEFT END
A218 SCALE: 3/8" = 1'-0"

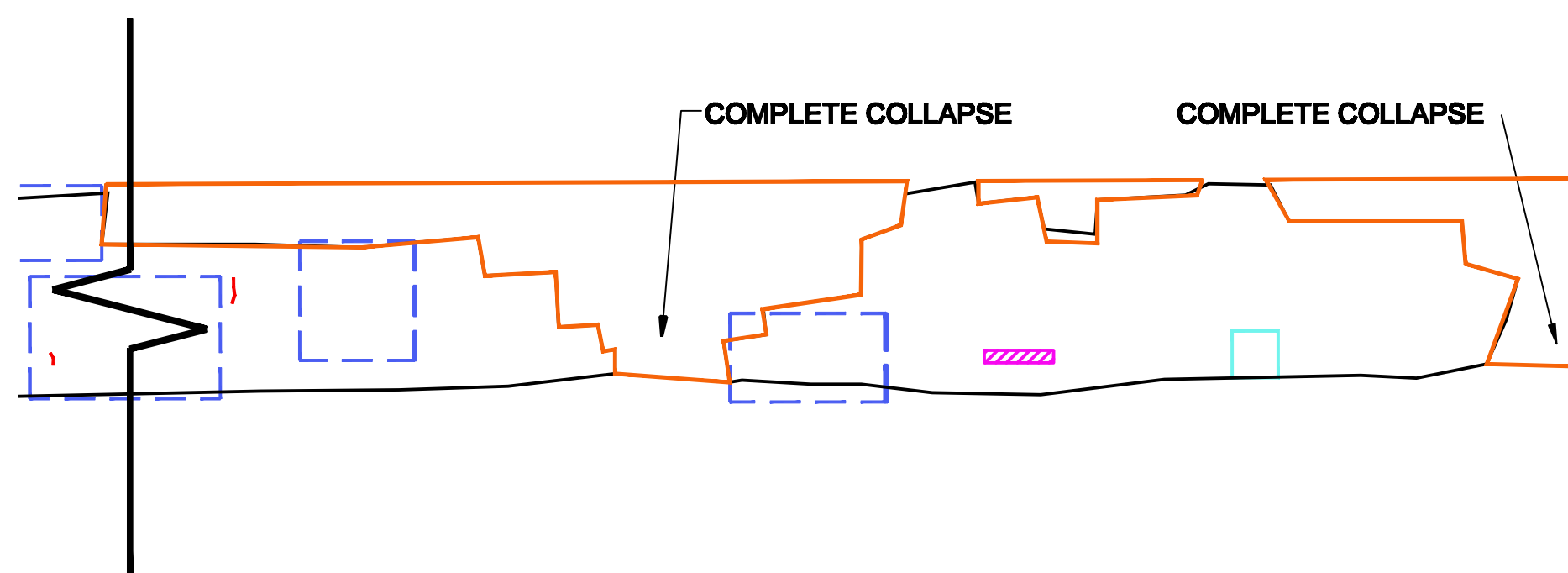


60B EAST INNER WORKS - EXTERIOR - SOUTH - RIGHT END
A218 SCALE: 3/8" = 1'-0"

CAMBER: MOSTLY VERTICAL
STONE SIZE: MEDIUM, HORIZONTAL, 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 EAST INNER WORKS - EXTERIOR - NORTH - LEFT END
A218 SCALE: 3/8" = 1'-0"



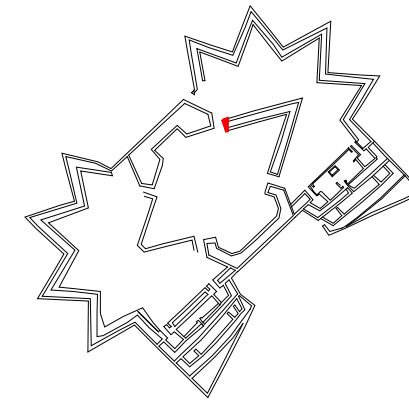
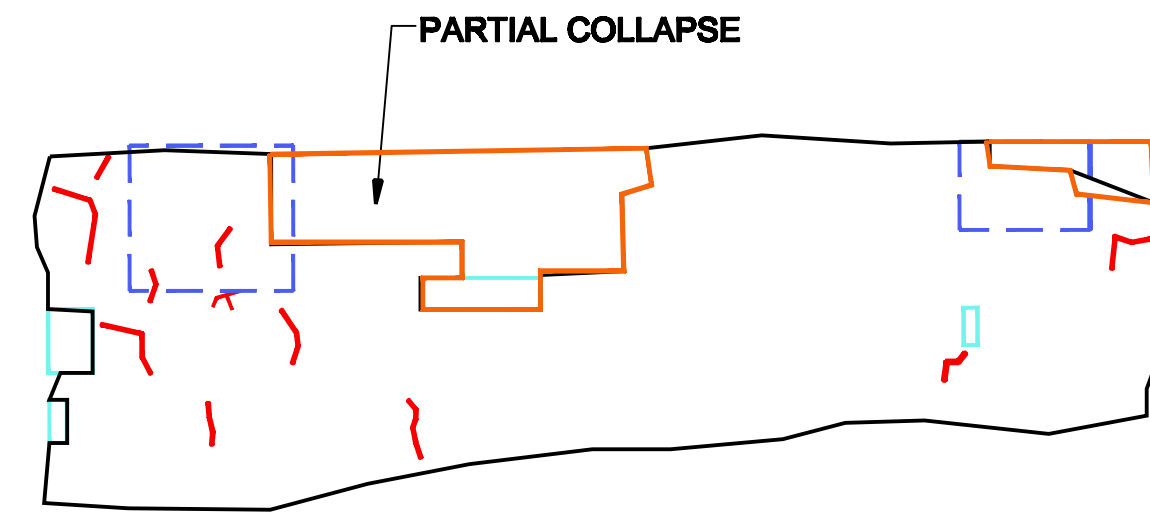
61B EAST INNER WORKS - EXTERIOR - NORTH - RIGHT END
A218 SCALE: 3/8" = 1'-0"

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

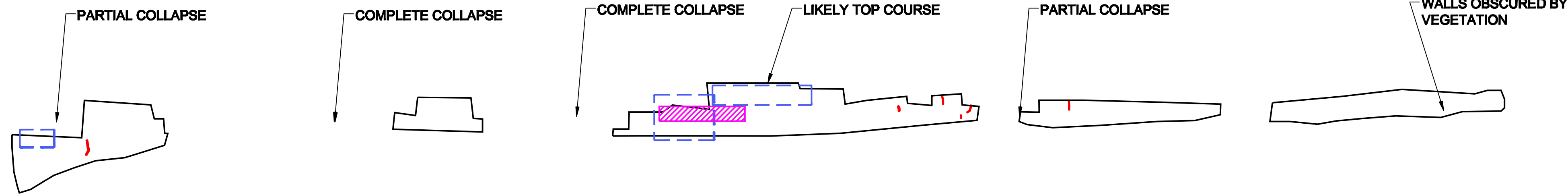
East Inner works
Exterior
Line Elevations

A218

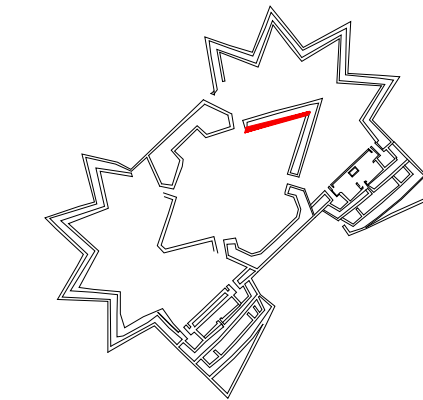
CAMBER: VERTICAL OR LEANING OUT
STONE SIZE: MEDIUM AND LARGE, BY COURSE
COURSING: COURSED
CHINKING: NONE
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: FALLS AWAY ROUGHLY PARALLEL TO WALL



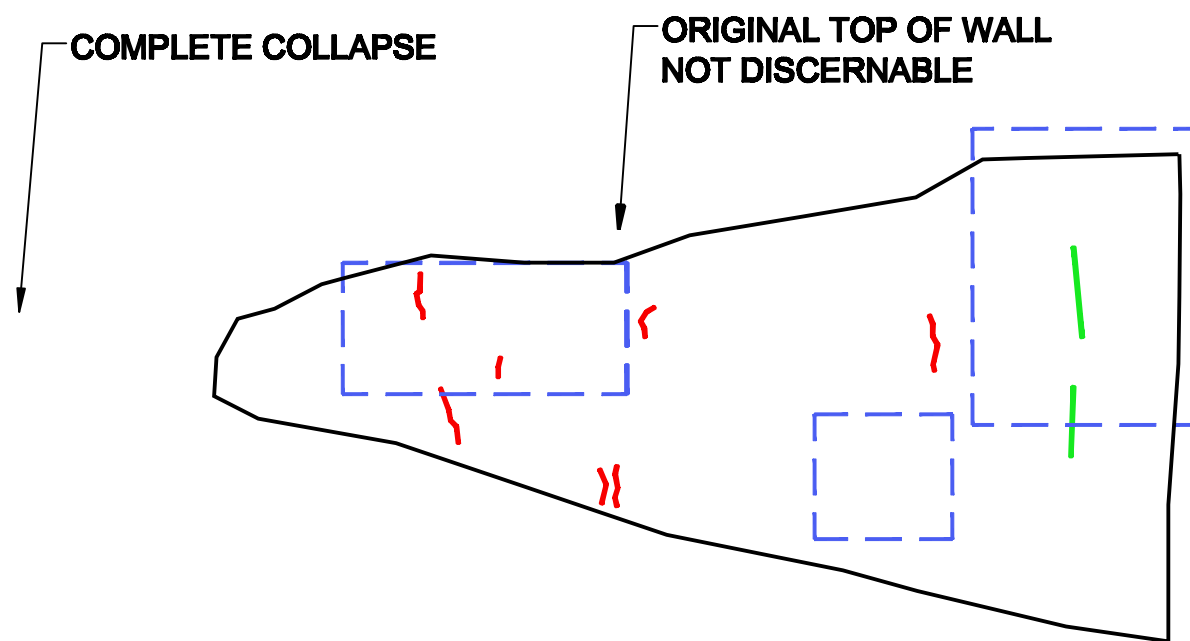
62 EAST INNER WORKS - NORTH END FACING NORTH MAIN WORKS
A219 SCALE: 3/8" = 1'-0"



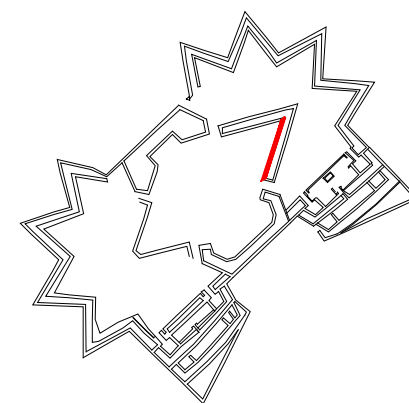
CAMBER: VERTICAL OR LEANING OUT
STONE SIZE: MEDIUM AND FAIRLY REGULAR
COURSING: NOT WELL DEFINED, IRREGULAR
CHINKING: NOT MUCH
VEGETATION: VINES AND WEEDS IN WALL, NO TREES
SLOPE: MOSTLY LEVEL



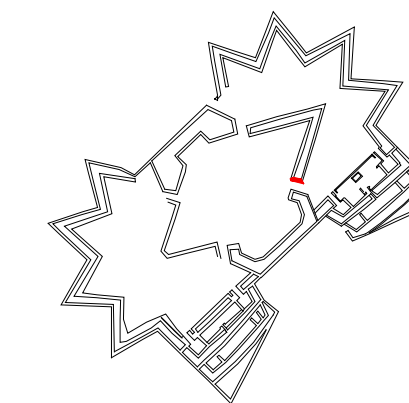
63 EAST INNER WORKS - INTERIOR - NORTH
A219 SCALE: 3/8" = 1'-0"



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



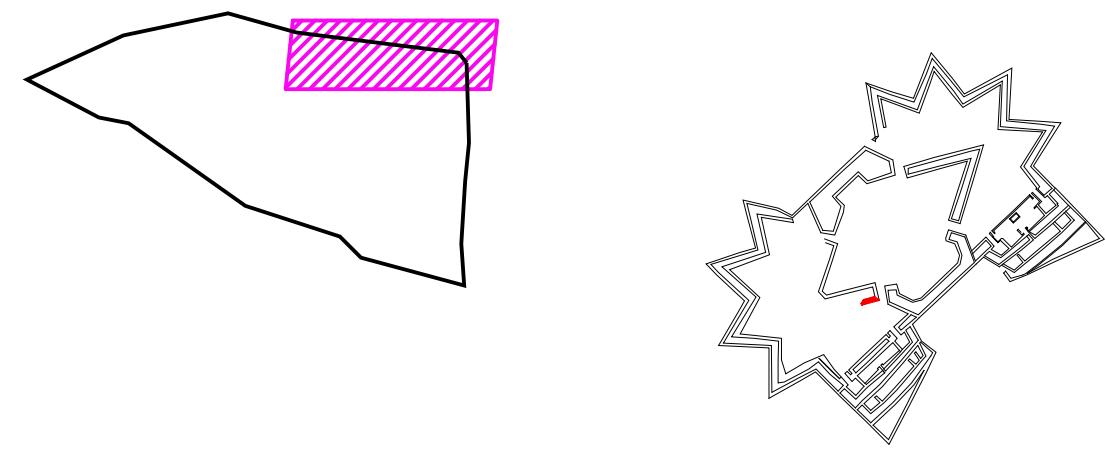
CAMBER: MOSTLY VERTICAL OR LEANING OUT.
STONE SIZE: MEDIUM TO LARGE, VERY HORIZONTAL. NOTE
LARGE NUMBER OF CRACKS
COURSING: FAIRLY WELL COURSED
CHINKING: NONE
VEGETATION: SMALL WEEDS IN FACE, NO TREES
CRACKS: FALLS AWAY ROUGHLY PARALLEL TO WALL



64 EAST INNER WORKS - INTERIOR - SOUTH (PARTIAL)
A219 SCALE: 3/8" = 1'-0"

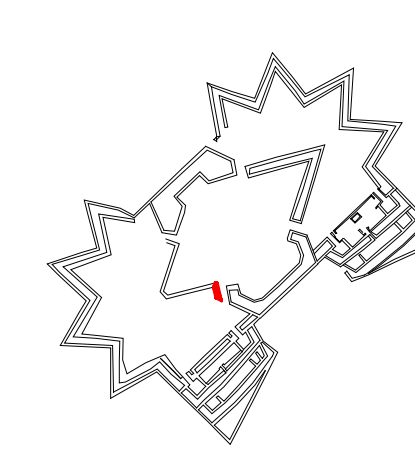
65 EAST INNER WORKS - SOUTH END FACING SOUTH MAIN WORKS
A219 SCALE: 3/8" = 1'-0"

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



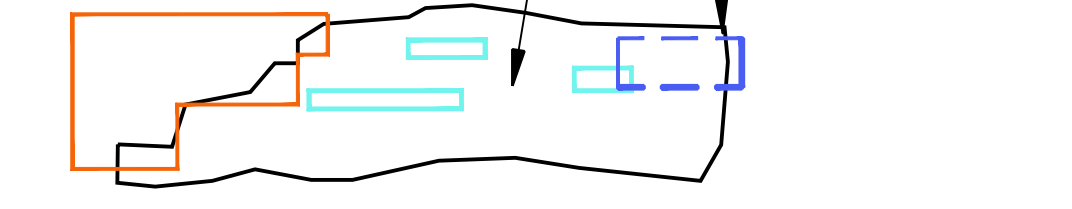
66 WEST INNER WORKS - SOUTH END - FACING SOUTH
A220 SCALE: 3/8" = 1'-0"

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



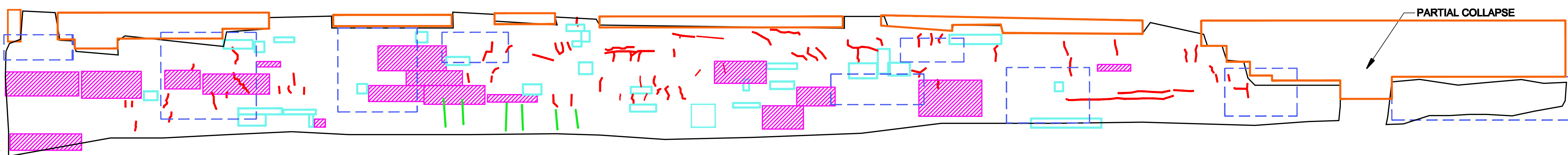
67 WEST INNER WORKS - SOUTH END - FACING SOUTH MAIN WORKS
A220 SCALE: 3/8" = 1'-0"

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

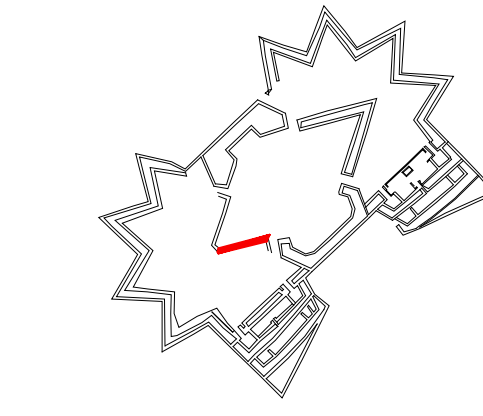


69 WEST INNER WORKS - INTERIOR - INSIDE CENTER FACING WEST
A220 SCALE: 3/8" = 1'-0"

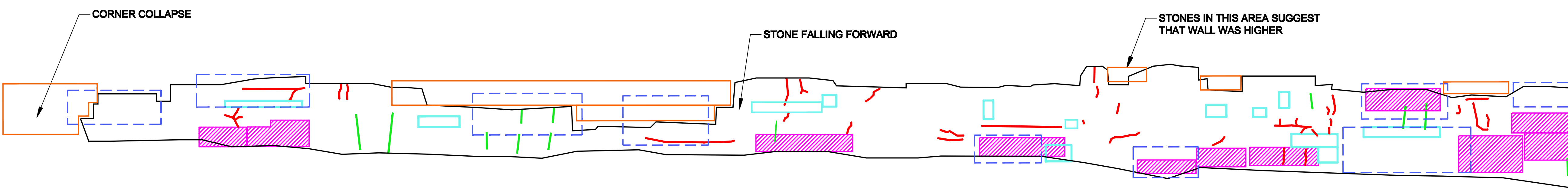
CAMBER:
STONE SIZE: MIXED, BUT SOME VERY LARGE STONES. MANY OF BAD QUALITY
COURSING: IRREGULAR COURSING
CHINKING: HEAVY, FALLING OUT OR MISSING IN AREAS
VEGETATION: SMALL WEEDS IN FACE
SLOPE: MOSTLY LEVEL.



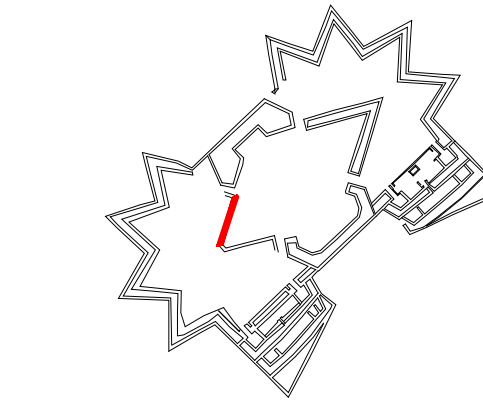
68 WEST INNER WORKS - INTERIOR - INSIDE FACING SOUTH
A220 SCALE: 3/8" = 1'-0"



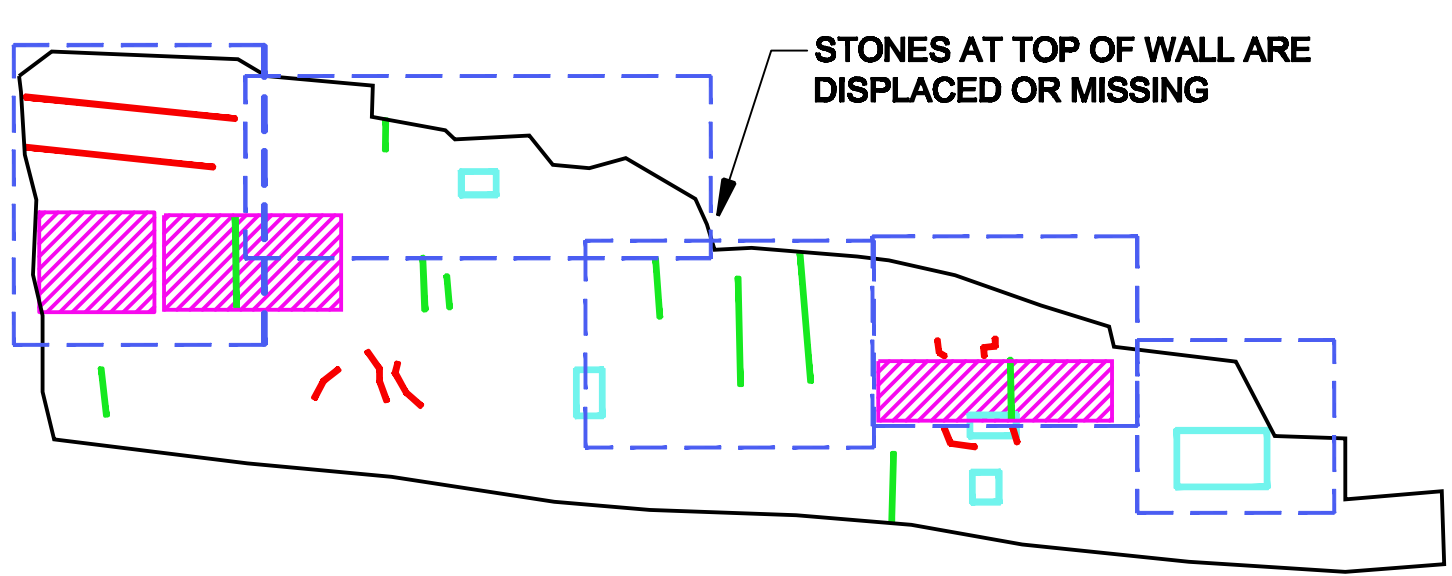
CAMBER: WALL HAS FALLEN FORWARD
STONE SIZE: MEDIUM TO SMALL STONES
COURSING: IRREGULAR COURSING
CHINKING: HEAVILY CHINKED AT LEFT END
VEGETATION: SMALL WEEDS IN FACE, GRASS HAS GROWN OVER AND THROUGH
SLOPE: GROUND SLOPES AWAY FROM WALL BOTH PERPENDICULAR AND PARALLEL



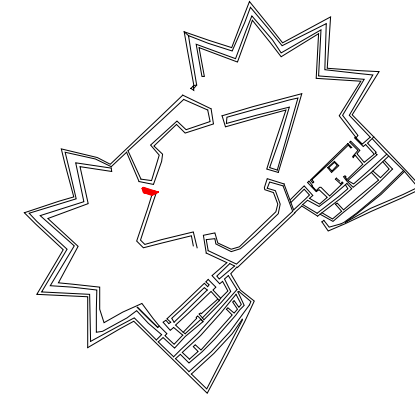
70 WEST INNER WORKS - INTERIOR - INSIDE FACING NORTH
A220 SCALE: 3/8" = 1'-0"

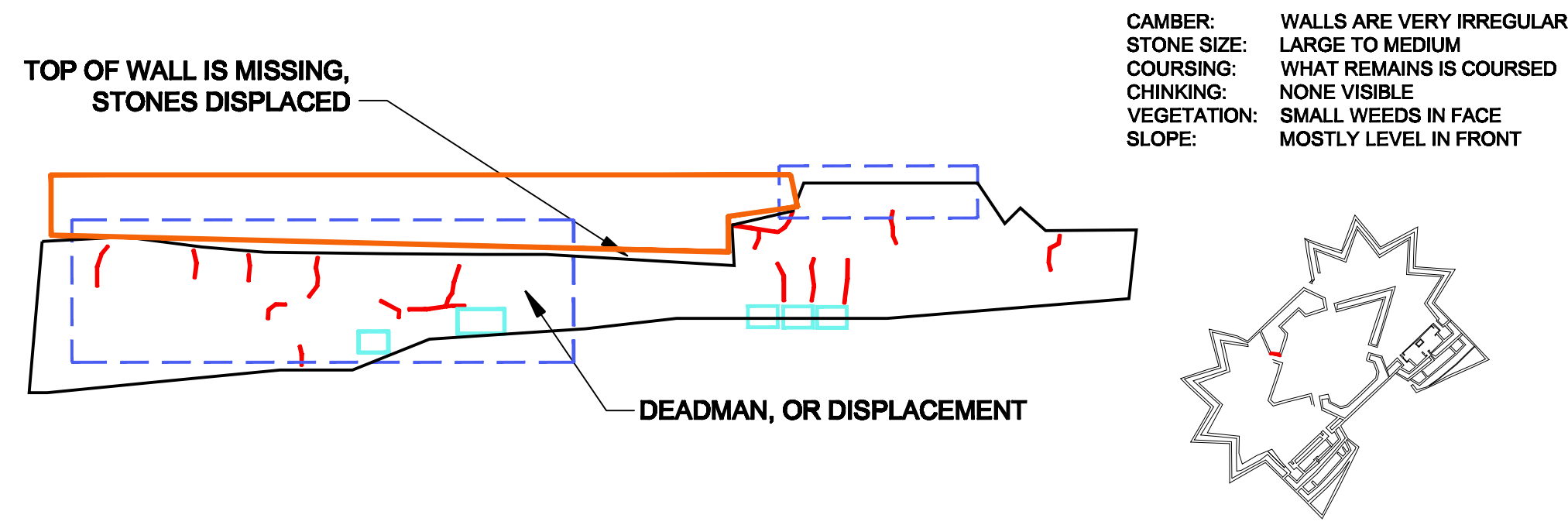


CAMBER: WALLS ARE SLIGHTLY BATTERED
STONE SIZE: IRREGULAR, MANY VERY LARGE STONES
COURSING: IRREGULAR COURSING
CHINKING: FAIRLY LARGE STONES USED AS CHINKING
VEGETATION: SMALL WEEDS IN FACE, SOME TREES
SLOPE: AWAY FROM WALL AND ALSO PARALLEL TO RIGHT

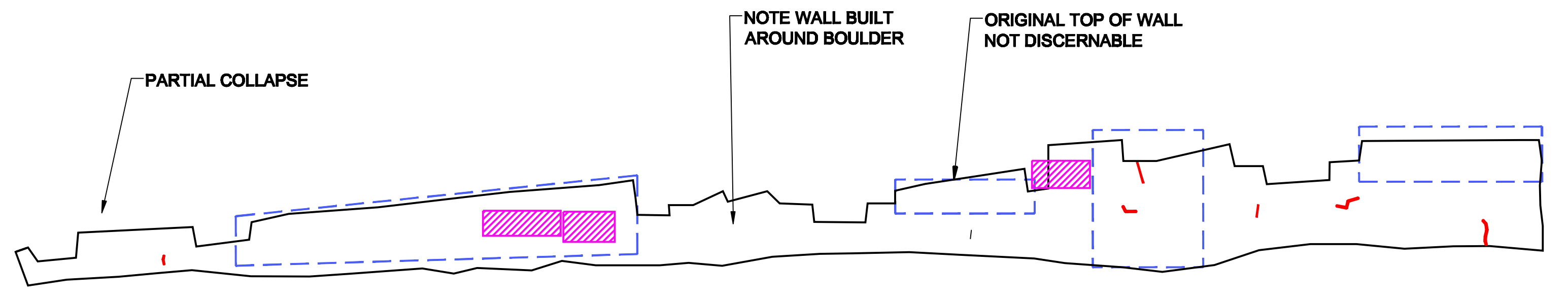


71 WEST INNER WORKS - INTERIOR - INSIDE FACING NORTH MAIN WORKS
A220 SCALE: 3/8" = 1'-0"

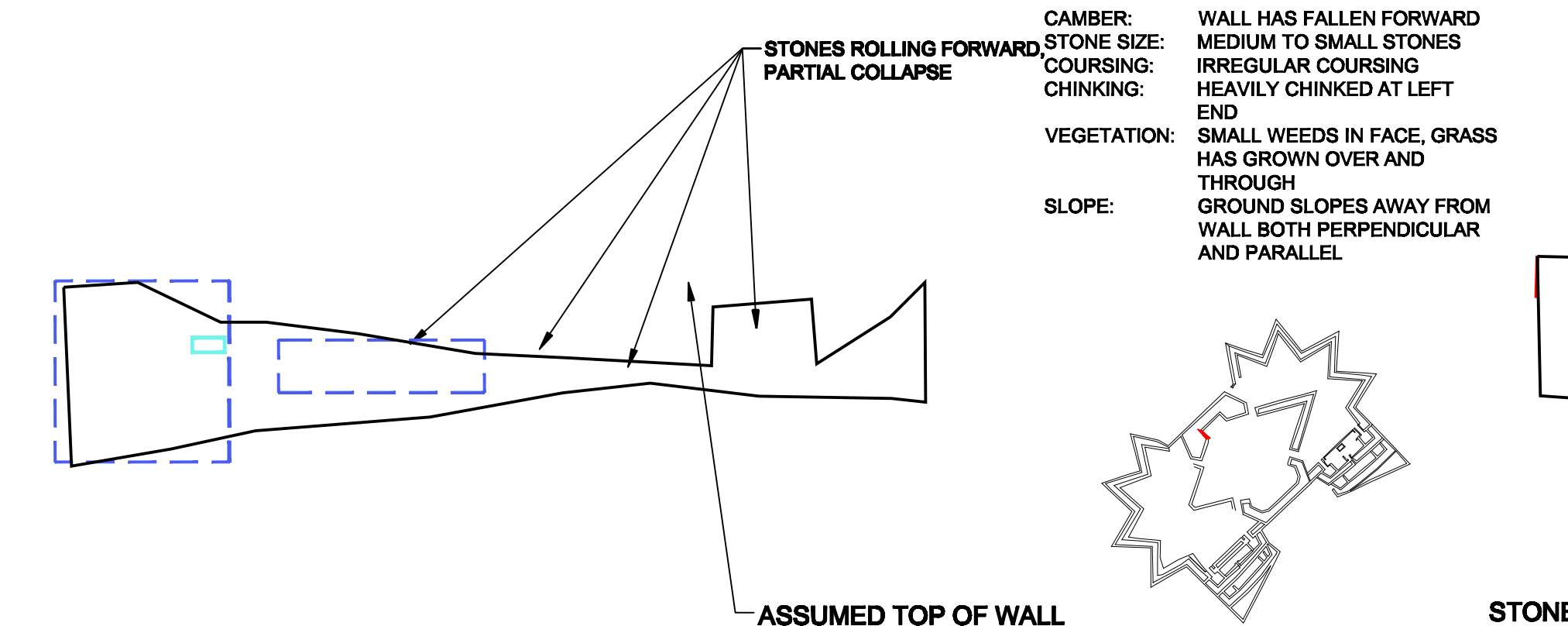




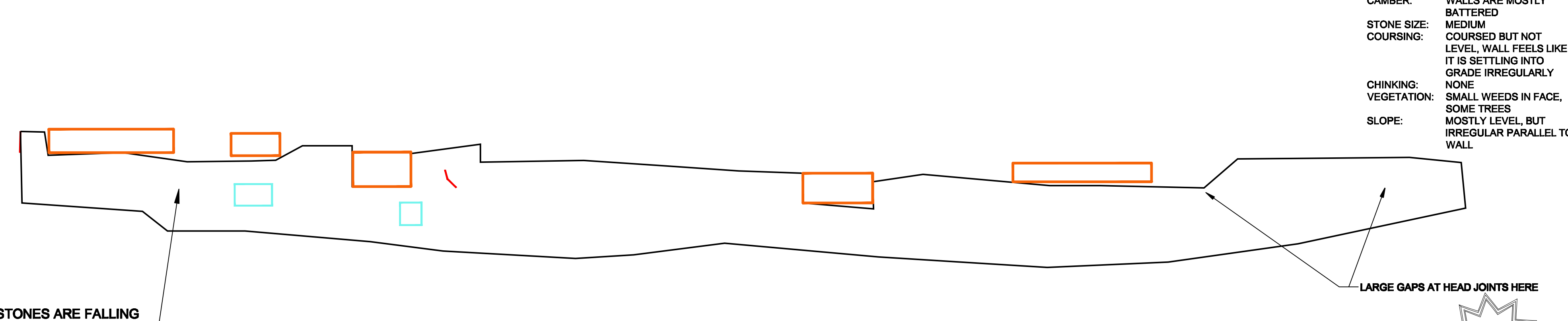
72 NORTH MAIN WORKS - WEST SIDE FACING WEST INNER WORKS
SCALE: 3/8" = 1'-0"



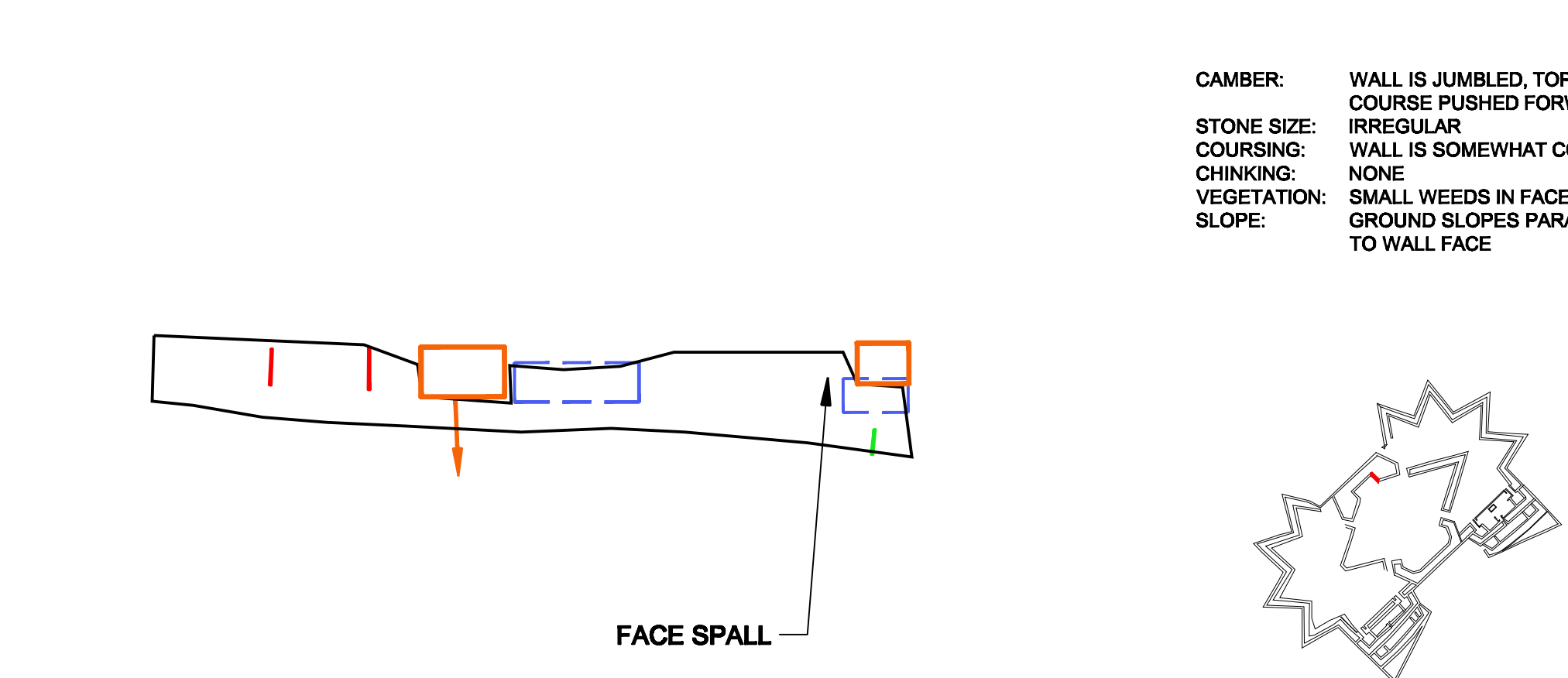
73 NORTH MAIN WORKS - INTERIOR - SOUTHWEST
SCALE: 3/8" = 1'-0"



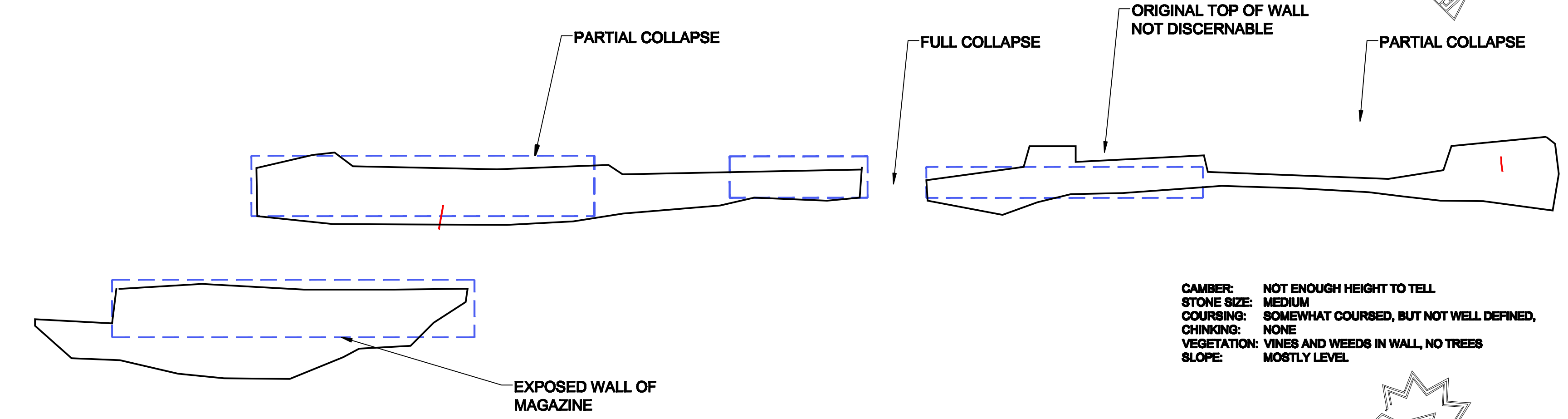
74 NORTH MAIN WORKS - INSIDE MAGAZINE WEST END
SCALE: 3/8" = 1'-0"



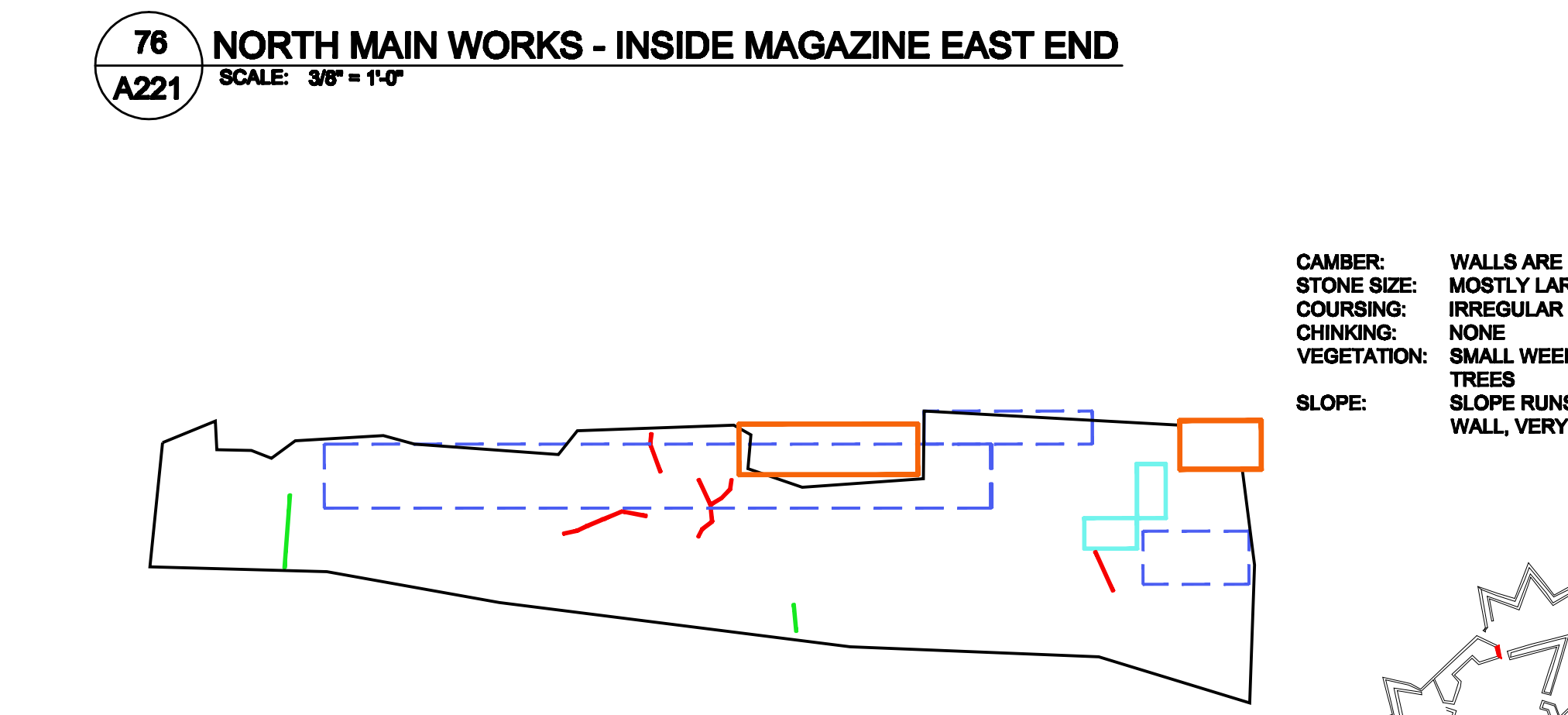
75 NORTH MAIN WORKS - INSIDE MAGAZINE - NORTH WALL
SCALE: 3/8" = 1'-0"



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



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



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

Feb 11, 2014 - 12:28pm P:\Projects\14\FORTNEGLEY\FORTNEGLEY_V4_Drawing\VA_Arch\VA_Arch\FORTNEGLEY_NORTH MAIN WORKS INT.dwg