

TOWN OF ARLINGTON 730 MASSACHUSETTS AVE. ARLINGTON, MA 02476

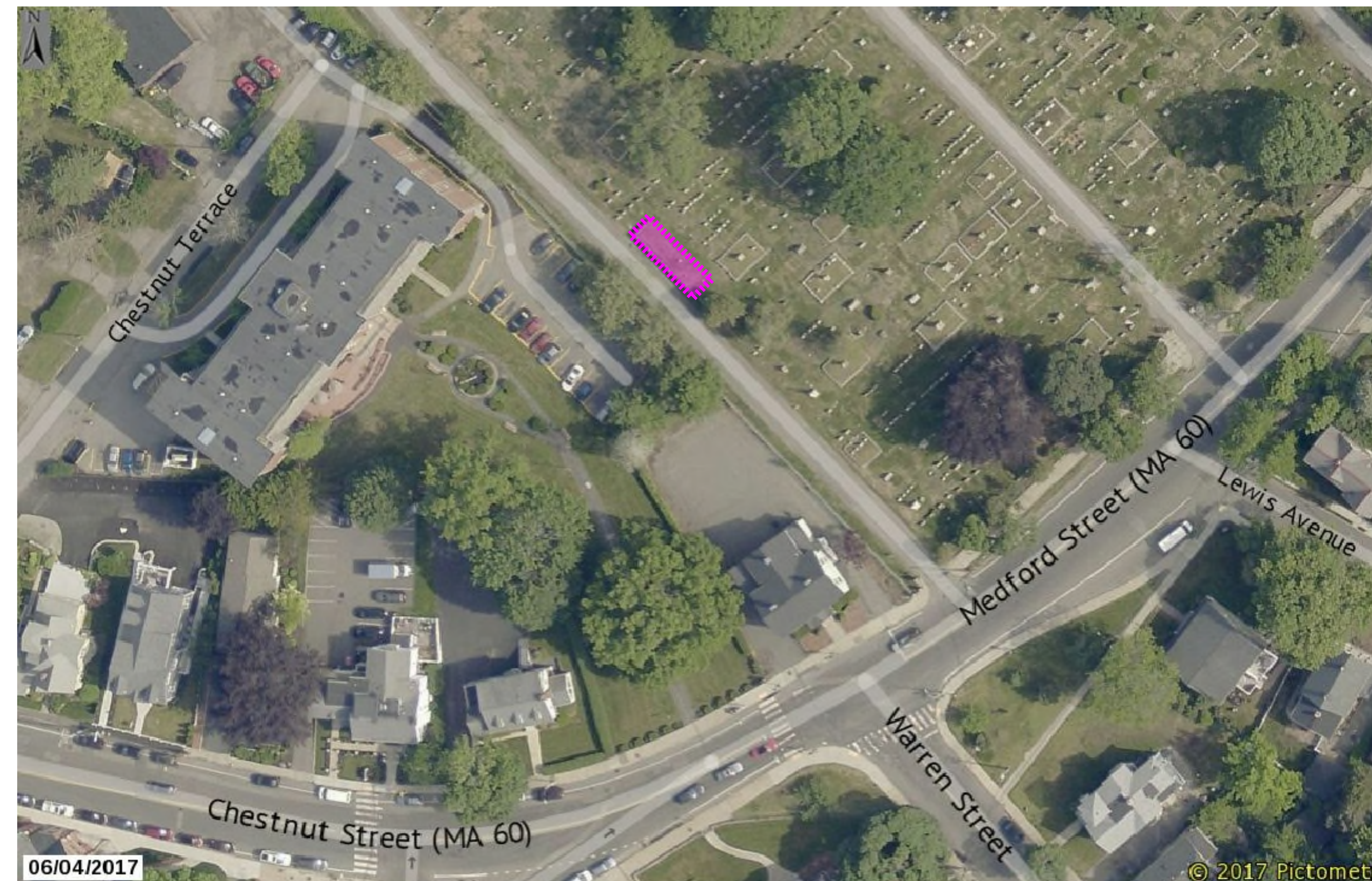
MT. PLEASANT CEMETERY - BURIED TOMBS

SIMPSON GUMPERTZ & HEGER
Engineering of Structures
and Building Enclosures

Boston
Chicago
Houston
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New York
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Washington, DC

Simpson Gumpertz & Heger Inc.
480 Totten Pond Road
Waltham, Massachusetts 02451
main: 781.907.9000 fax: 781.907.9009
www.sgh.com

Consultant



MT. PLEASANT CEMETERY - LOCUS PLAN

GENERAL NOTES:

1. GOVERNING CODE: MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION.
2. STATIONS LISTED WERE NOT SURVEYED AND ARE APPROXIMATE (+/- 10'). STATIONS ARE PROVIDED FOR GENERAL LOCATION REFERENCE FOR REPAIR AREAS ONLY. THESE STATIONS ARE NOT SUITABLE FOR QUANTITY TAKE-OFFS. CONTRACTOR TO TAKE THEIR OWN DIMENSIONS IN THE FIELD PRIOR TO SUBMITTING THEIR BID.
3. THE WORK SITE IS A PUBLIC SPACE AND SHALL REMAIN IN PUBLIC USE THROUGHOUT THE PROJECT TO THE EXTENT POSSIBLE. MAINTAIN APPROPRIATE LANGUAGE, CLOTHING AND DECORUM AT ALL TIMES. LIMIT PARKING, PLACEMENT OF MATERIALS, TOOLS, ETC. TO LAY-DOWN AREA AND/OR WORK AREA.

OUTLINE SCOPE OF WORK:

1. COMPLETE ALL REQUIRED SUBMITTALS INCLUDING MATERIAL SAMPLES, PRIOR TO THE START OF WORK.
2. COMPLETE MOCKUPS AS REQUIRED BY THIS SECTION INCLUDING:
 - 2.1 MORTAR REMOVAL AND JOINT PREPARATION
 - 2.2 CLEANING OF THE WALL INCLUDING BRICK, STONE, AND GRANITE
 - 2.3 REPOINTING
 - 2.4 LOCALIZED REPLACEMENT OF OUTER WYTHE OF BRICK
 - 2.5 LOCALIZED REBUILDING OF BRICK MASONRY WALL, INCLUDING RESETTING COPING STONES.
3. THE CONTRACTOR MUST IMMEDIATELY CEASE WORK IN THE VICINITY AND WITHOUT DELAY, NOTIFY THE OWNER SHOULD ANY HUMAN REMAINS, OR EVIDENCE THEREOF, BE DISCOVERED DURING THE COURSE OF CONSTRUCTION. PROTECT AREA WHERE REMAINS HAVE BEEN UNCOVERED FOR REVIEW AND DOCUMENTATION BY THE OWNER. RECOMMENCEMENT OF WORK IN THE VICINITY SHALL BE AT THE DIRECTION OF THE OWNER.
4. REMOVE ALL STAINING, DARK SOILING, AND BIOLOGICAL GROWTH.
5. PRIOR TO REMOVAL, NUMBER ALL COPING STONES PRIOR TO REMOVAL WITH AN EASILY REMOVABLE MATERIAL THAT WILL NOT STAIN THE STONES, SUCH AS DUCT TAPE OR CHALK. CAREFULLY REMOVE AND STORE ALL EXISTING COPING STONES, EXERCISING CARE NOT TO DAMAGE THE STONES IN ANY WAY. CHIPS AT THE EDGES FROM PRYING ARE NOT PERMISSIBLE. STORE COPING STONES FOR REINSTALLATION IN A PROTECTED AREA ON SITE, AND DISPOSE OF MORTAR. AS SOON AS EACH CAP STONE IS REMOVED FROM THE WALL, NUMBER IT IN A PERMANENT MANNER, SUCH AS WITH A PAINT MARKER, ON THE CONCEALED UNDERSIDE SURFACE OF THE STONE.
 - 5.1. THE COPING STONES MAY BE STORED ON-SITE OR OFF-SITE. IF THEY WILL BE STORED ON SITE, PROVIDE PROTECTION FOR THE LANDSCAPING (E.G., PLYWOOD). CONTRACTOR TO PROVIDE STORAGE PLAN PRIOR TO START OF WORK.
6. REMOVE AND REPOINT MORTAR JOINTS WHERE INDICATED ON THE DRAWINGS (INCLUDING AT THE TOP OF THE WALL BENEATH THE COPING STONES) TO A MINIMUM DEPTH OF 2.5x THE JOINT WIDTH OR 3" MAX. , DEEPER WHERE NECESSARY TO REACH SOUND MORTAR. EXERCISE CARE NOT TO DAMAGE ANY EXISTING STONE OR BRICK.
7. CLEAN 100% OF ALL MASONRY SURFACES WITHIN THE SCOPE OF WORK, INCLUDING GRANITE, AND BRICK MASONRY, INCLUDING ALL AREAS THAT ARE REBUILT, REPAIRED, OR EXISTING. CLEAN THE BRICK AND GRANITE IN ACCORDANCE WITH THE PRODUCTS AND METHODS APPROVED DURING THE CLEANING MOCKUPS.
8. REBUILD SECTIONS OF THE BRICK WALL. PROVIDE NEW REPLACEMENT BRICK FOR FULL HEIGHT AND PARTIAL HEIGHT REBUILDING, EXCEPT WHERE INDICATED ON THE DRAWINGS. REUSE EXISTING BRICK AT SINGLE WYTHE BRICK REPLACEMENT.
9. RESET THE EXISTING WALL COPING STONES WITH TWO DOWELS PER COPING STONE. MODIFY THE EXISTING COPING STONES TO RECEIVE THE DOWELS.
10. PERFORM FINAL WASH-DOWN OF THE WALL.

BID # 20-27

No.	Date	Description	By

**OLD BURYING GROUND
&
MT. PLEASANT CEMETERY**

**TOWN OF ARLINGTON
730 MASSACHUSETTS AVE.
ARLINGTON, MA 02476**

Project

**MT. PLEASANT
CEMETERY
COVER SHEET**

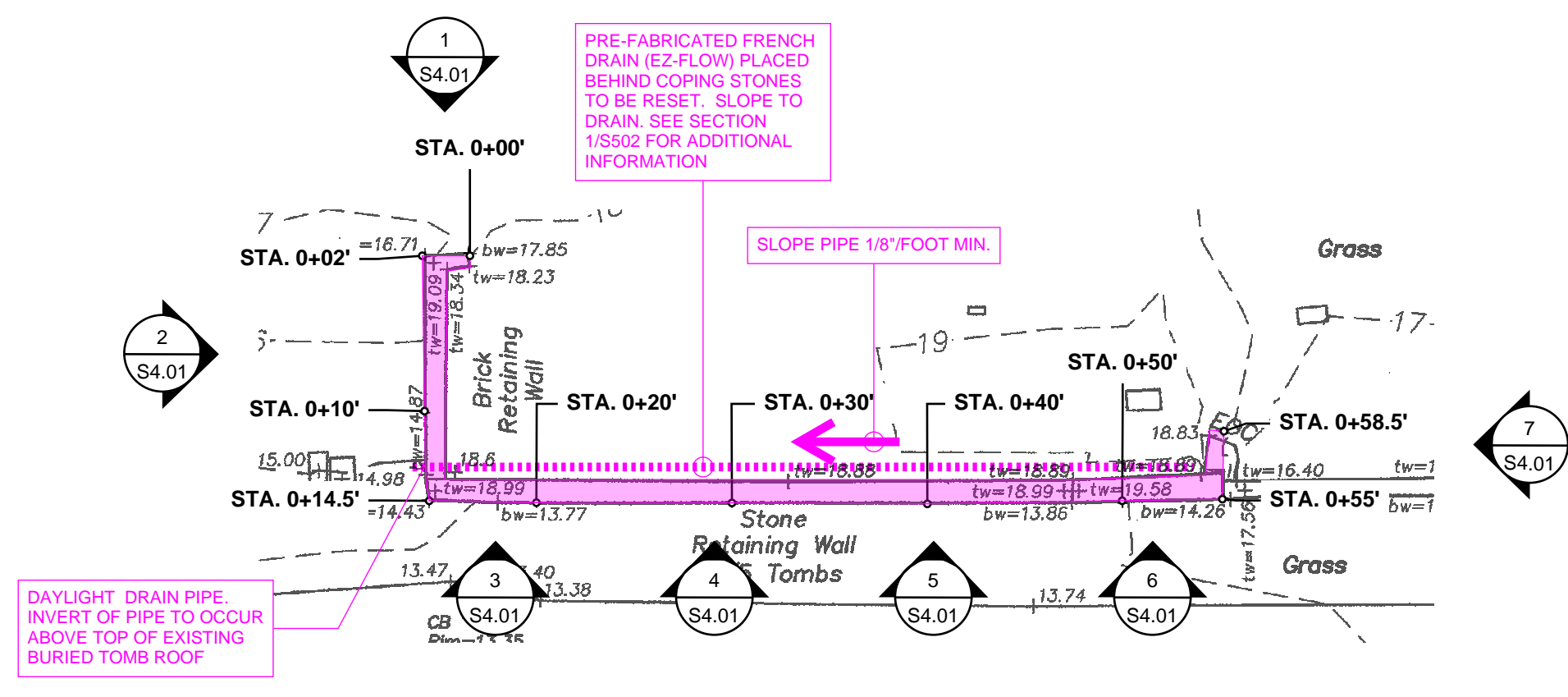
Drawing Title

Project No. 191791.00	Checked RES	Date 2020/05/13
Drawn MAP	Approved EWF	Scale NTS

S000

Seal

DRAWING LIST			
DRAWING NO.	DRAWING TITLE	STATION NO.	PHOTOS
S000	COVER	NA	NA
S4.01	MT. PLEASANT CEMETERY	STA. 0+00' TO 0+58.5'	PHOTO 1 TO 7
S5.02	REPAIR DETAILS	NA	NA



STA. 0+00' TO STA. 0+58.5'

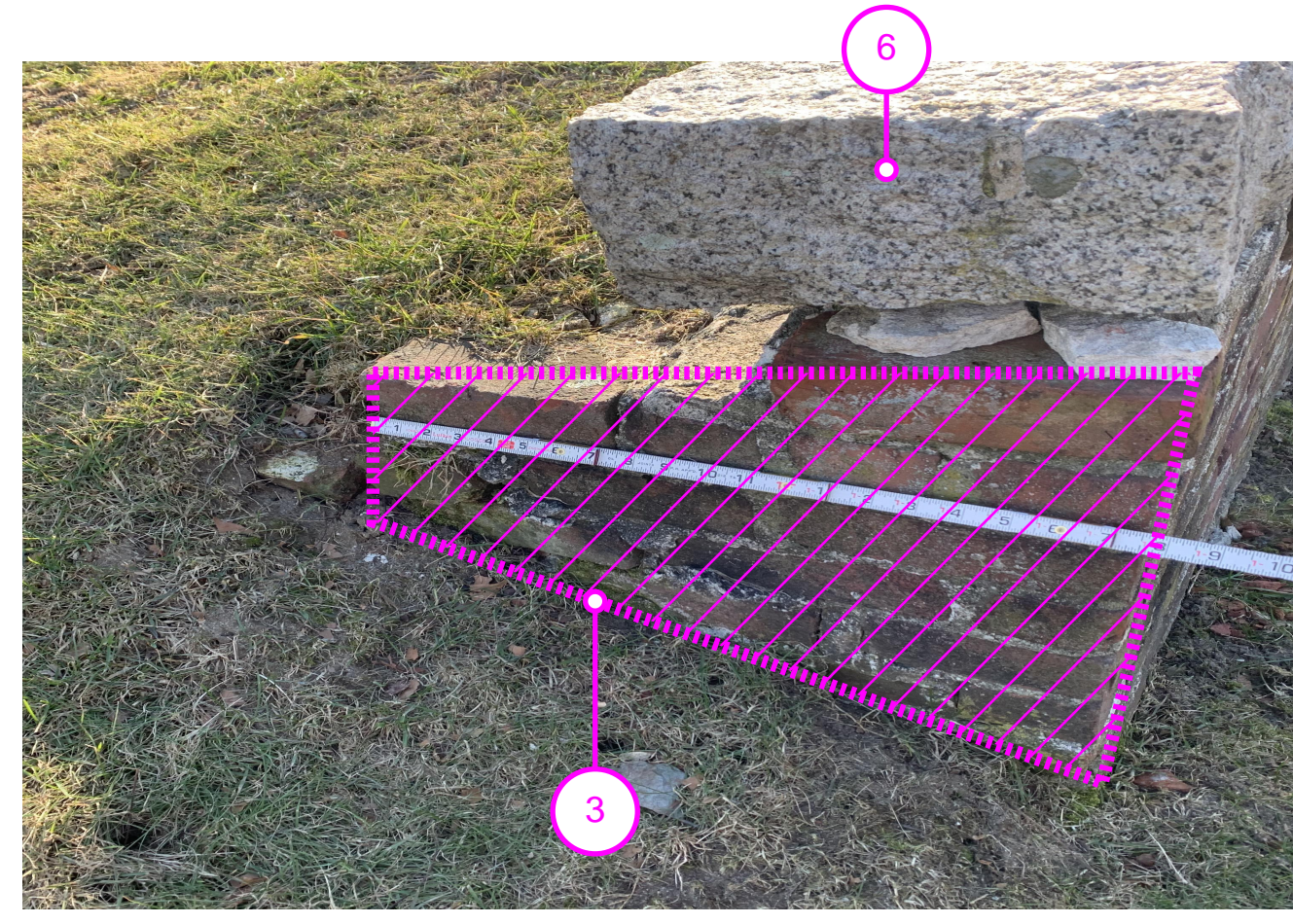


PHOTO 1 (STA. 0+00' TO STA. 0+02')

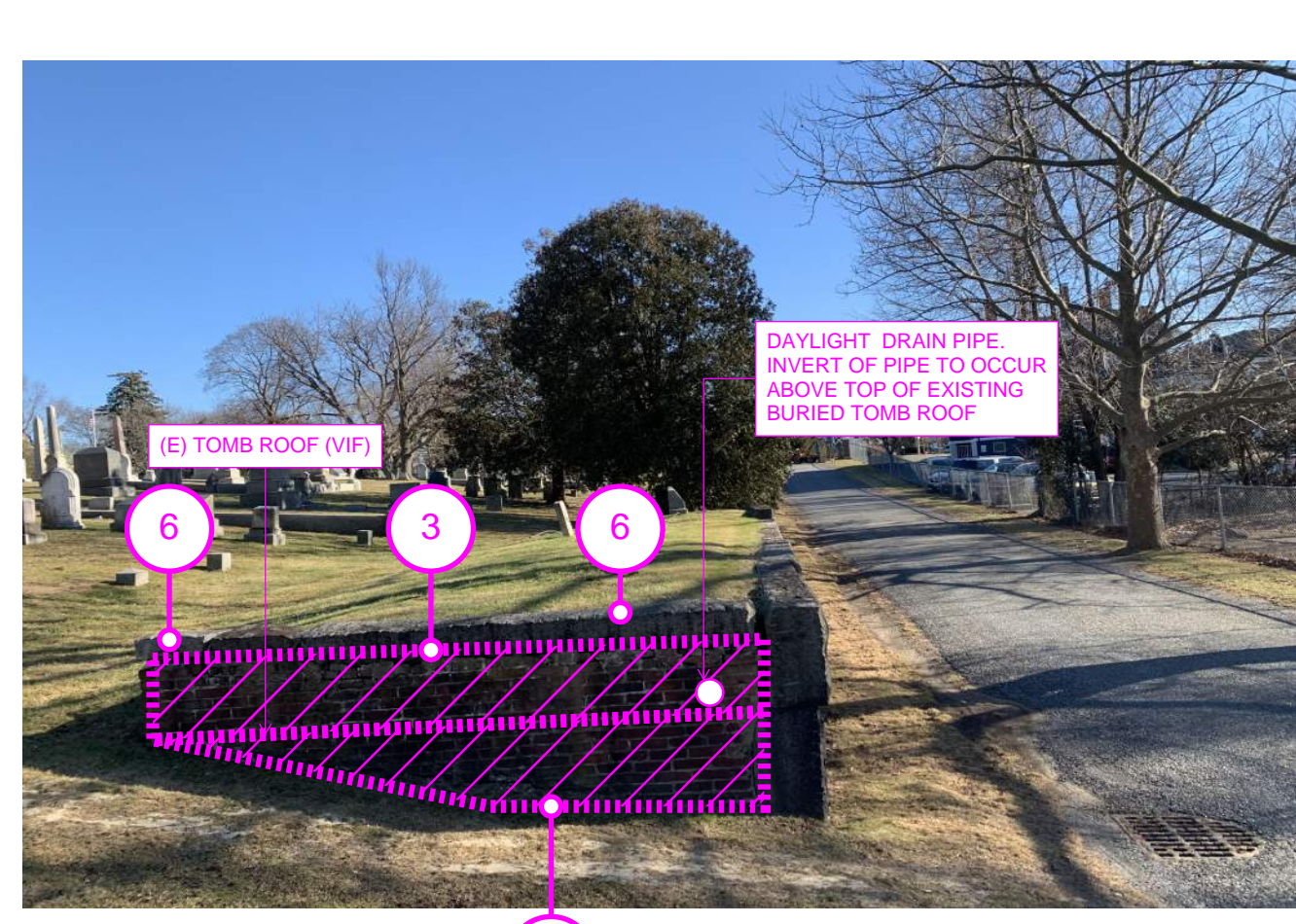


PHOTO 2 (STA. 0+02' TO STA. 0+14.5')

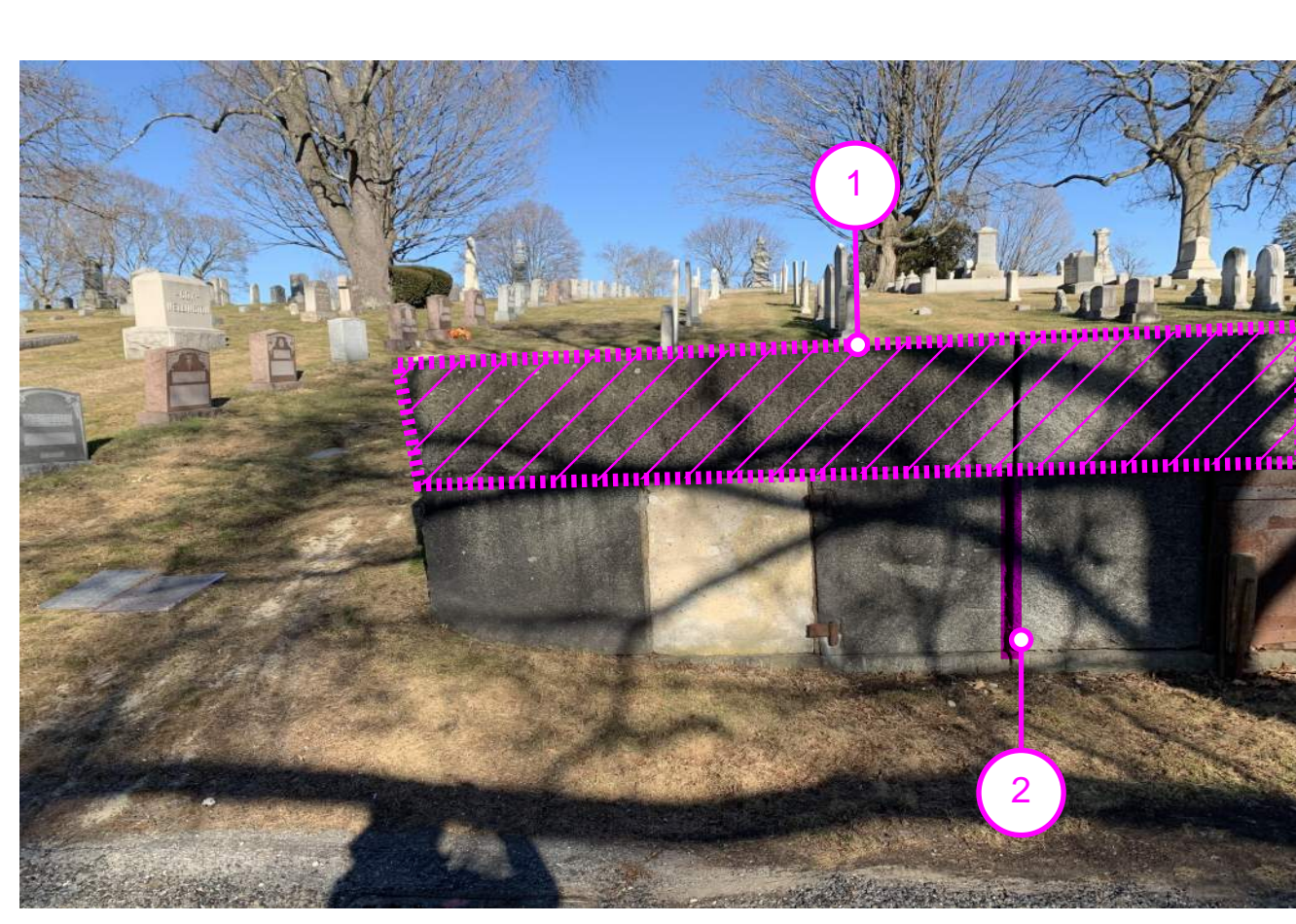


PHOTO 3 (STA. 0+14.5' TO STA. 0+20')

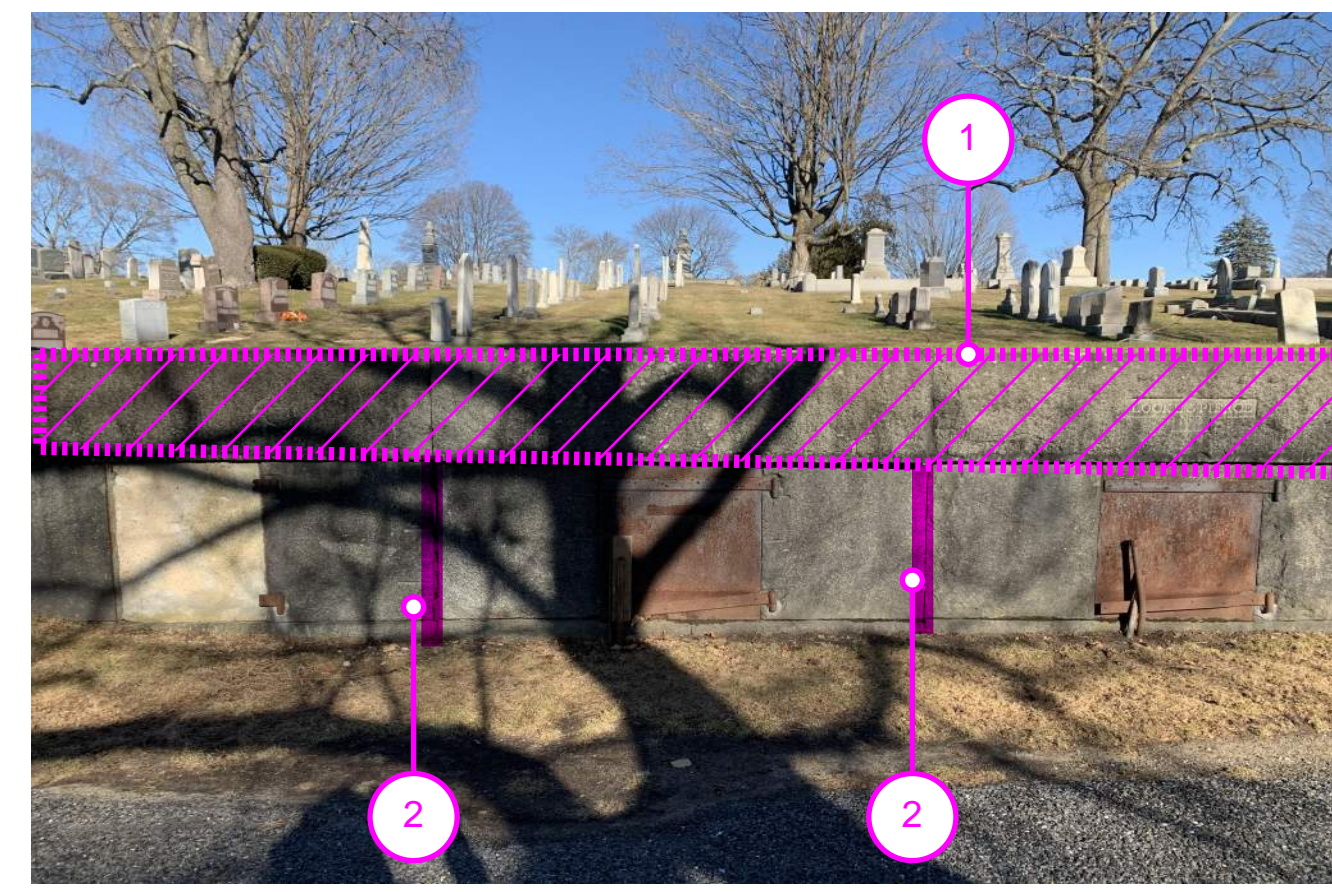


PHOTO 4 (STA. 0+20' TO STA. 0+30')

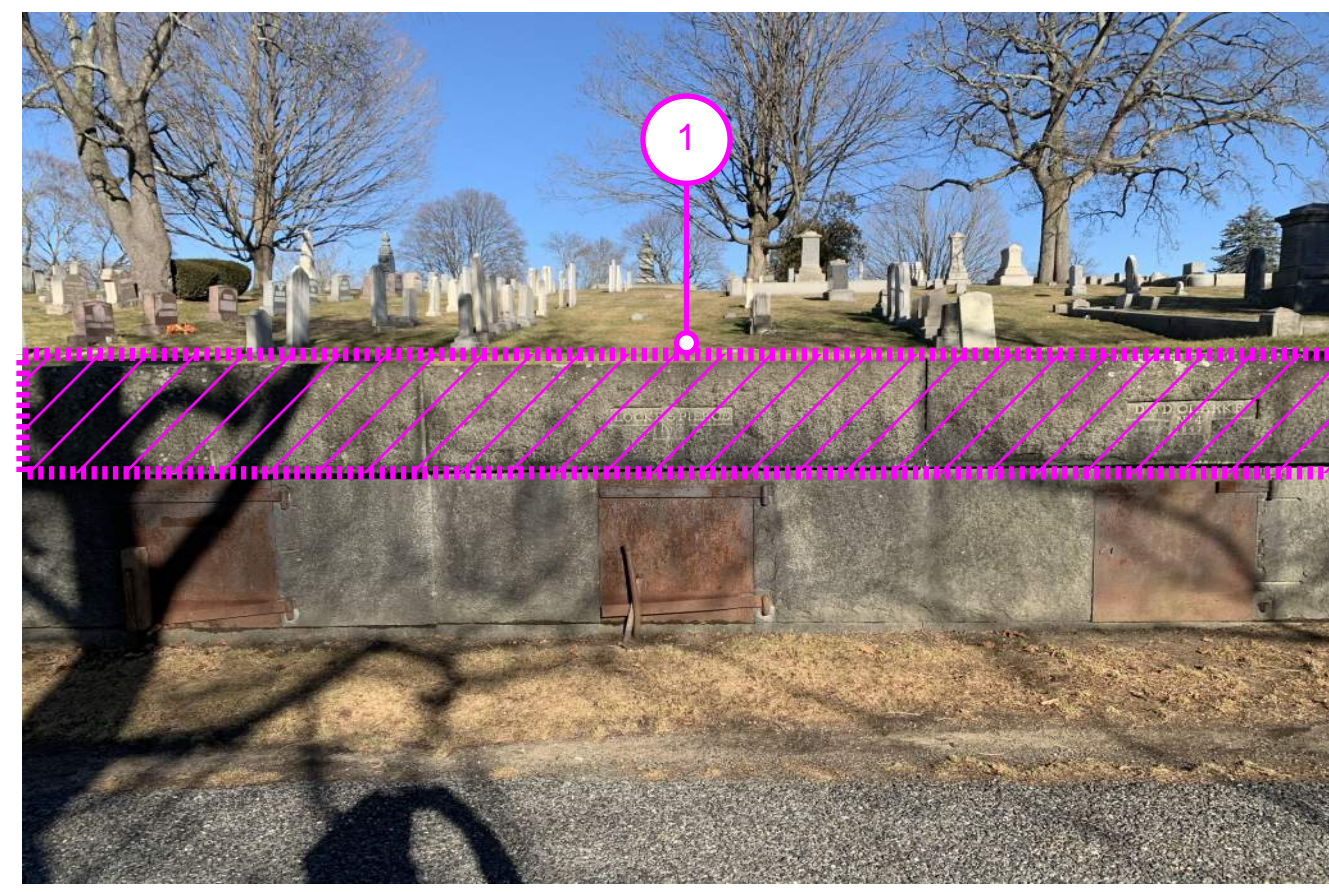


PHOTO 5 (STA. 0+30' TO STA. 0+40')

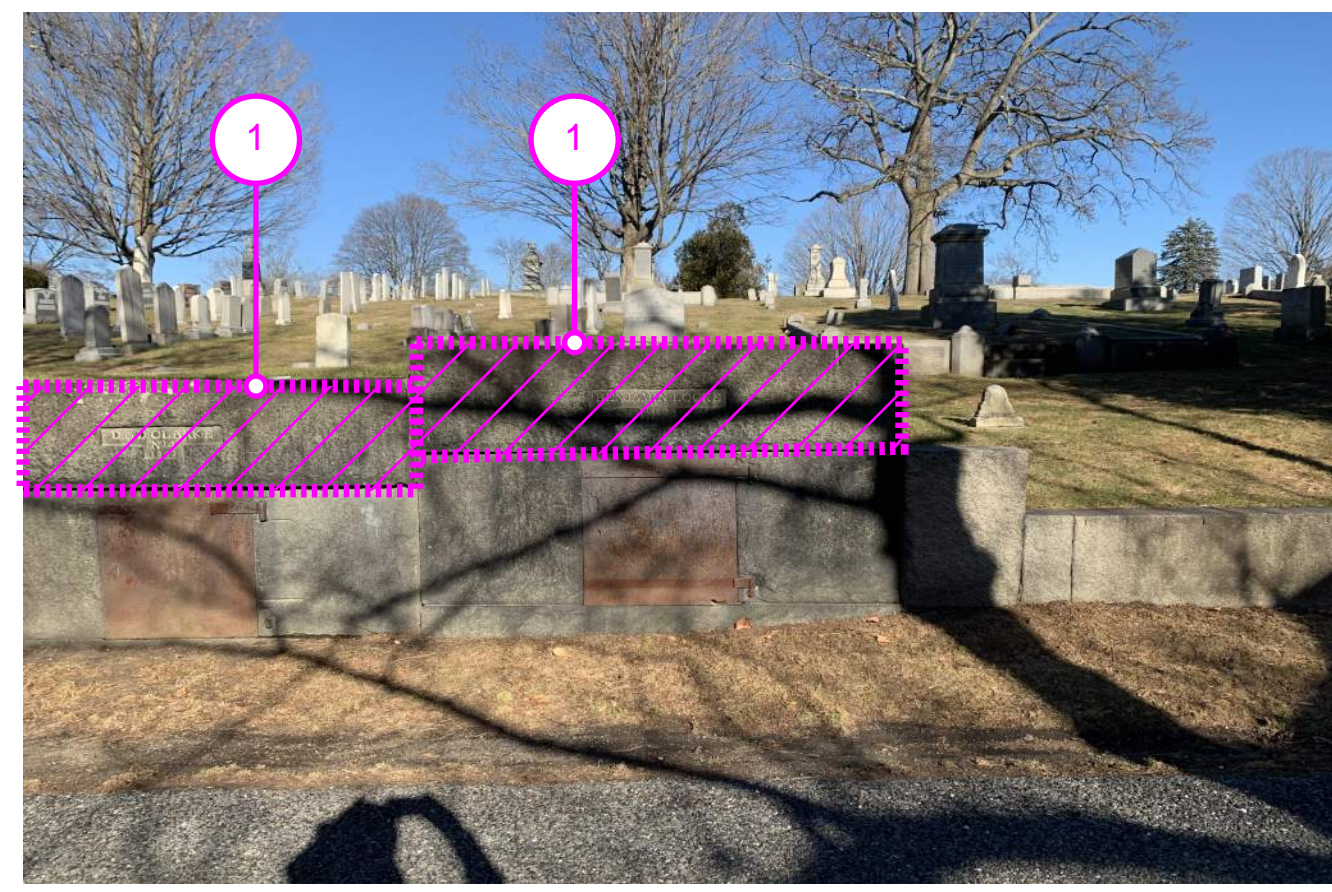


PHOTO 6 (STA. 0+40' TO STA. 0+55')

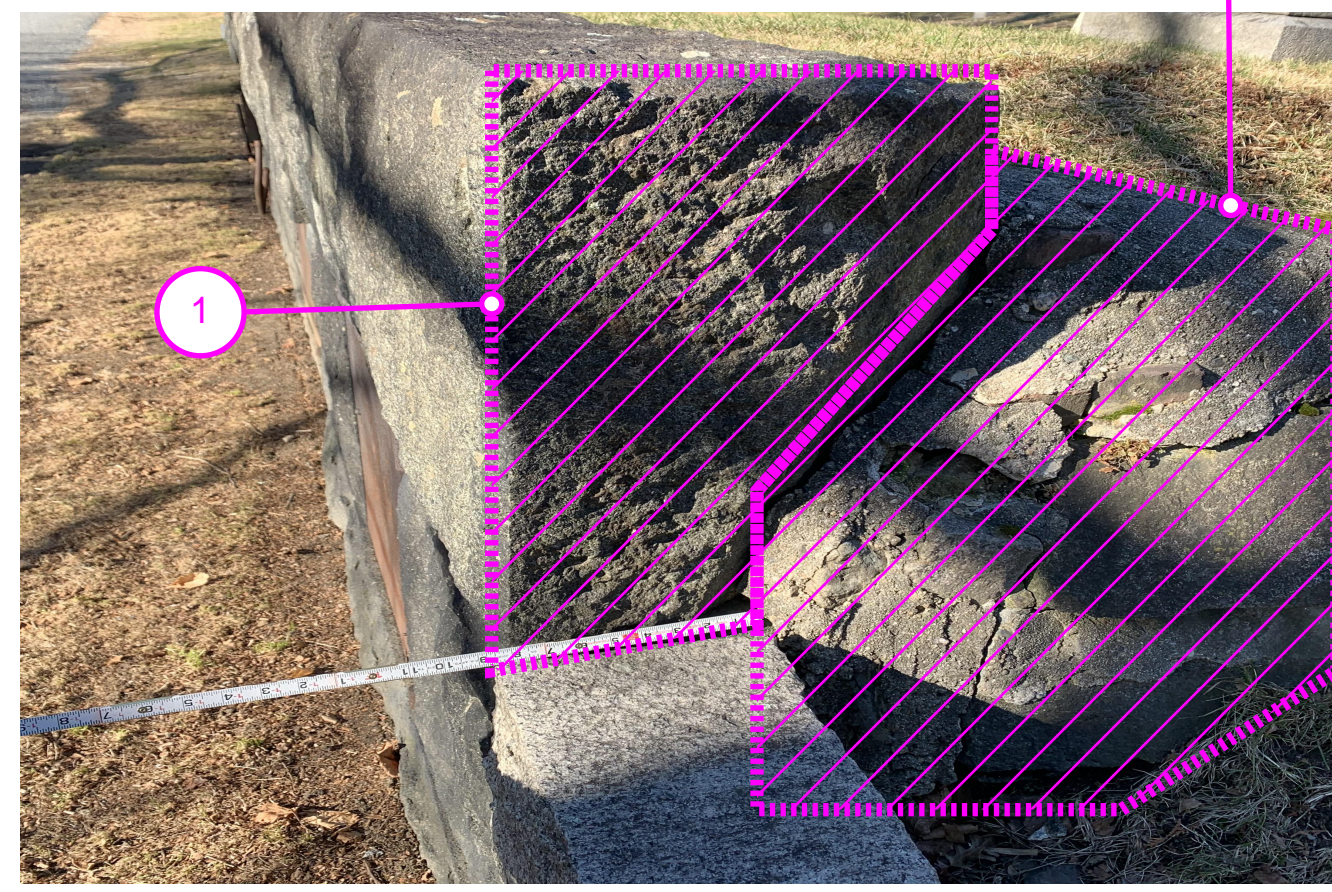


PHOTO 7 (STA. 0+55' TO STA. 0+58.5')

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REPAIR NUMBER	REPAIR DESCRIPTION	REF. DETAIL/SHEET NUMBER
1	REMOVE AND RESET GRANITE WALL COPING STONES WITH STAINLESS STEEL DOWELS	1/55.02 AND 7/55.02
2	REPAIR LARGE GAP BETWEEN WALL STONES	2/55.02
3	REBUILD TOP PORTION OF BRICK WALL (BRICK WALL ABOVE EXISTING TOMB ROOF)	3/55.02
4	REPOINT AND/OR REPLACE BRICK ON LOWER PORTION OF BRICK WALL (BRICK WALL BELOW TOP OF EXISTING TOMB ROOF)	5/55.02 AND 6/55.02
5	REBUILD STONE WALL RE-USING EXISTING STONE	3/55.02
6	REMOVE AND RESET GRANITE COPING STONES	8/55.02

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Project

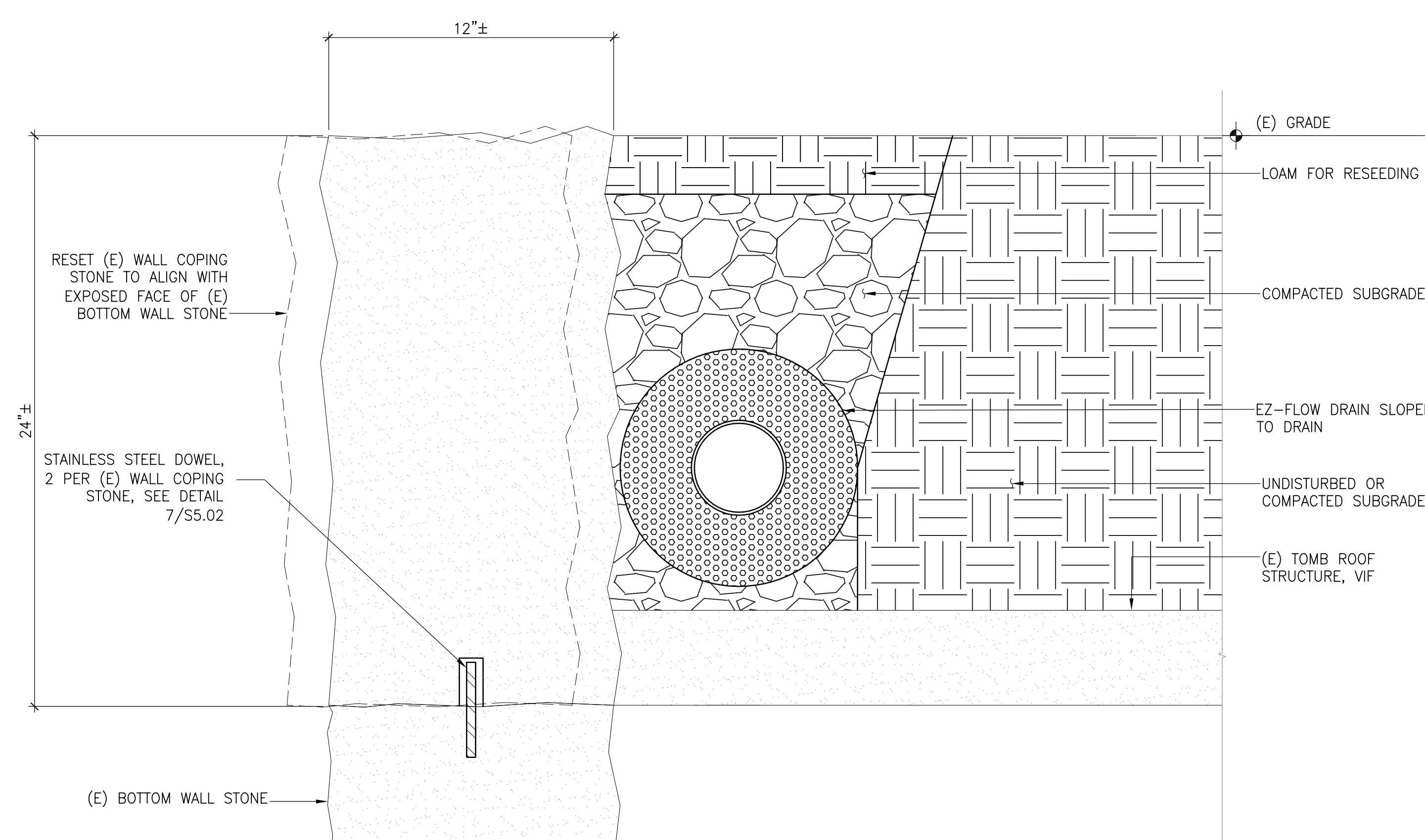
MT. PLEASANT CEMETERY
STA. 0+00' TO STA. 0+58.5'

Drawing Title

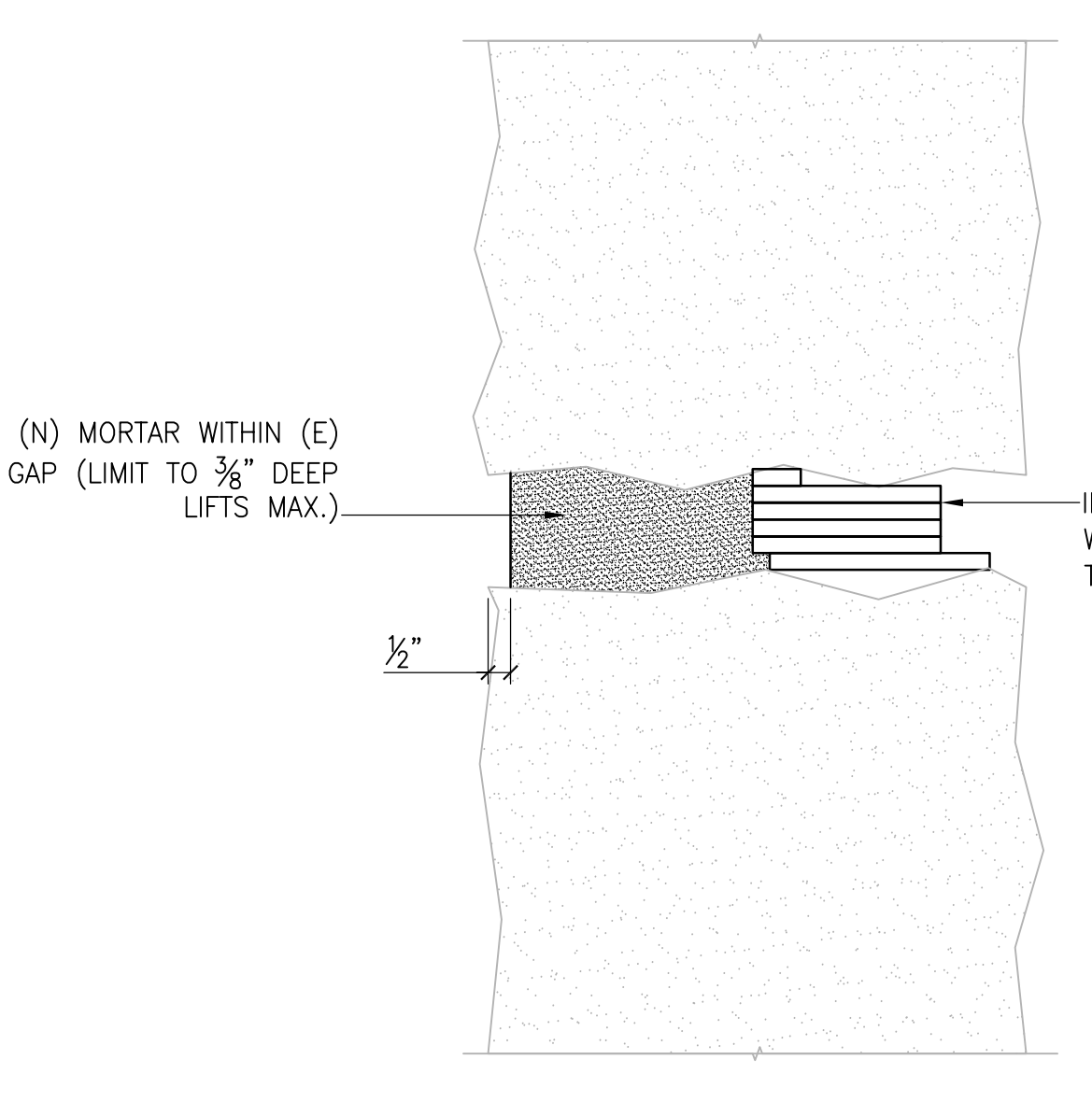
Project No. 191791.00	Checked RES	Date 2020/05/13
Drawn MAP	Approved EWF	Scale NTS

Drawing No.
S4.01

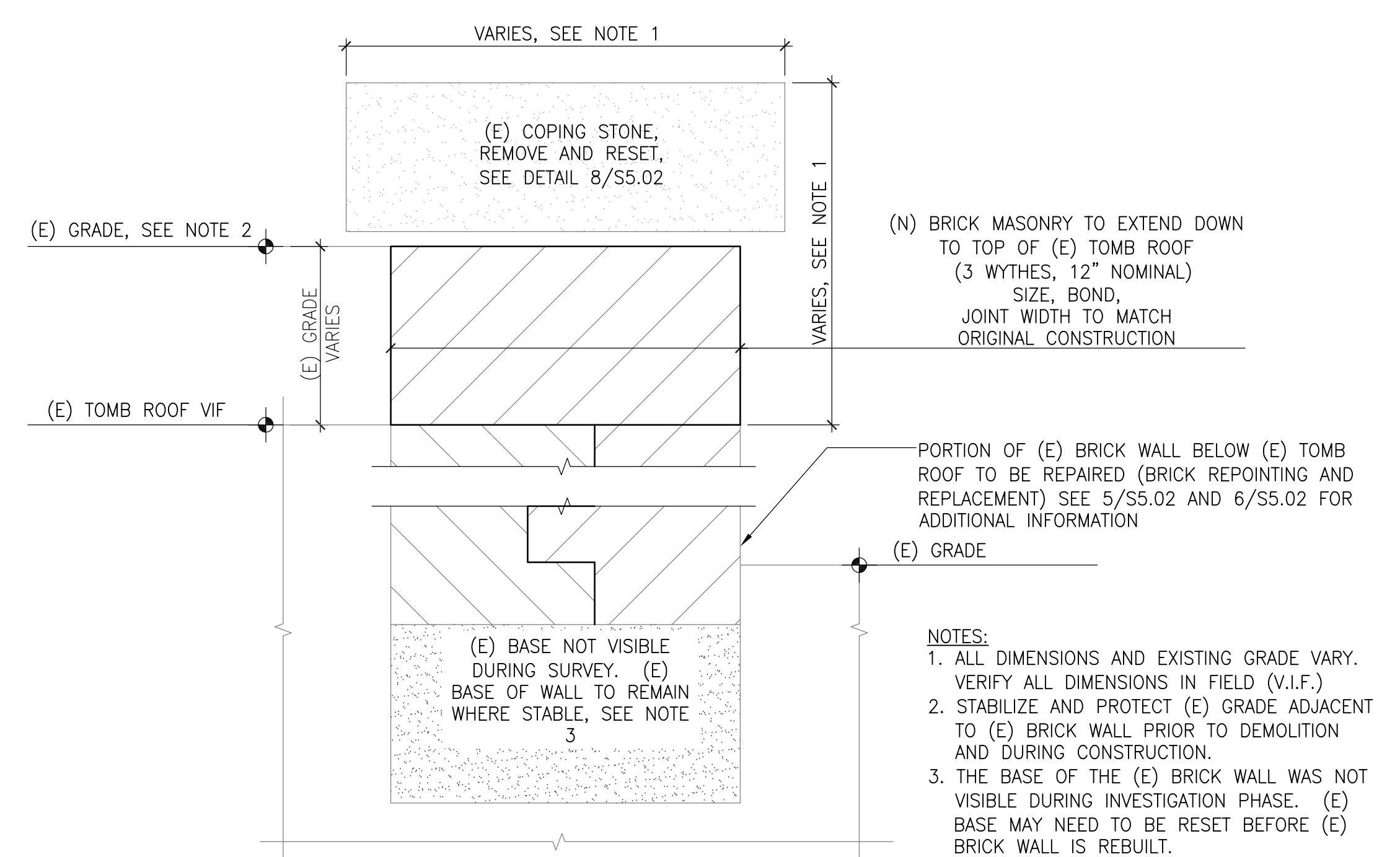
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1 RESETTING WALL COPING STONE NTS

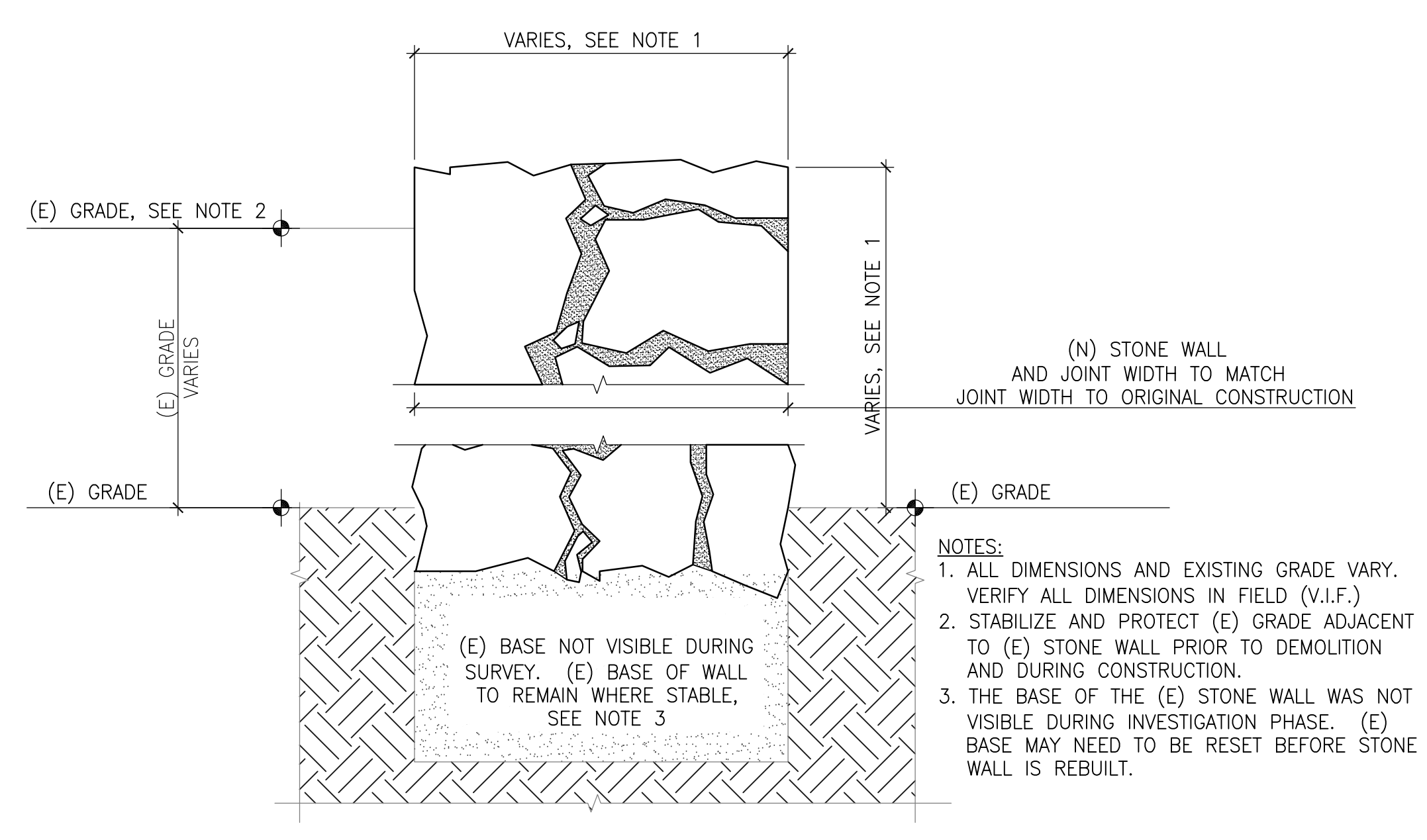


2 PLAN VIEW - GAP REPAIR AT WALL STONES NTS



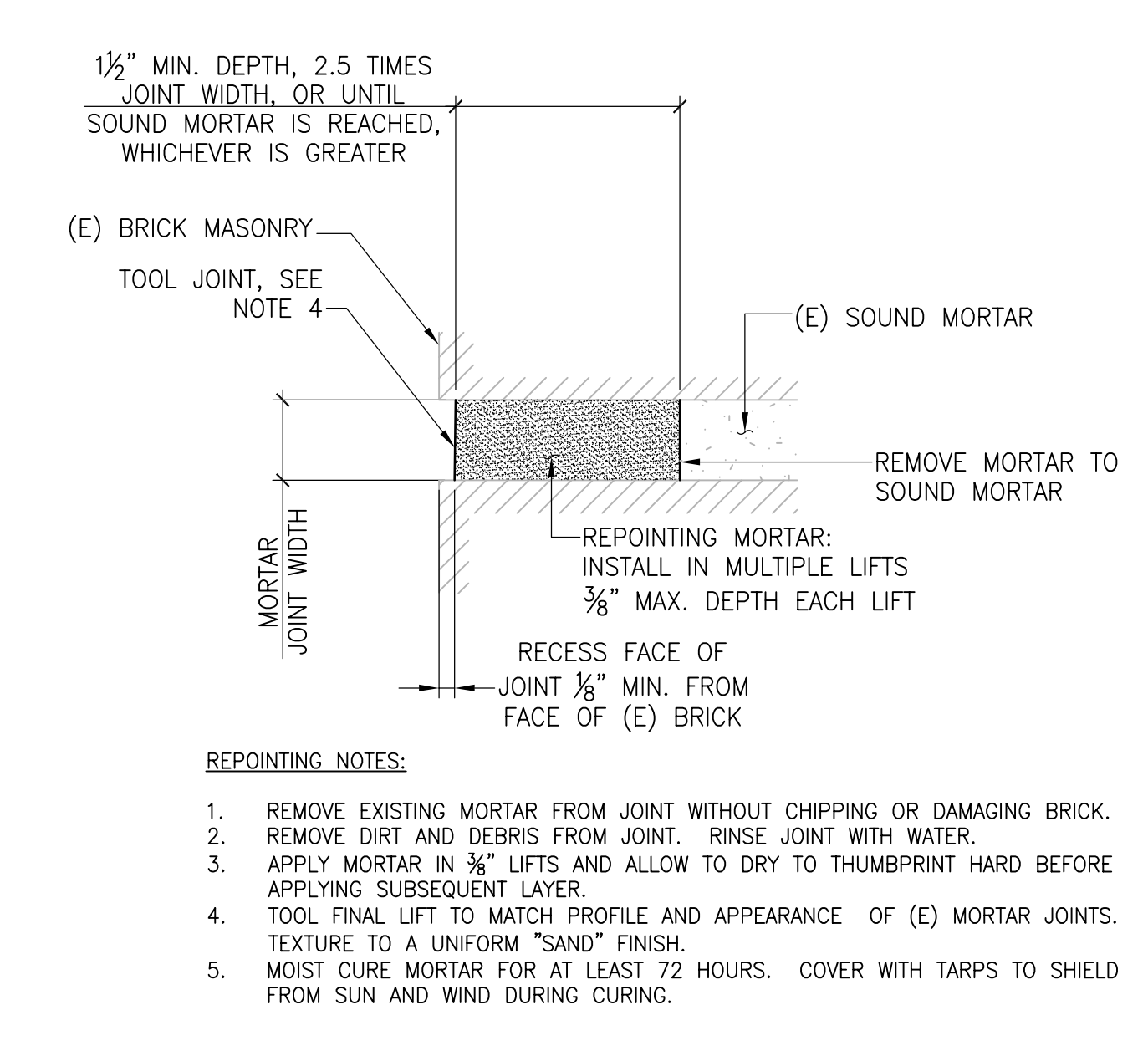
3 REBUILT BRICK WALL NTS

NOTES:
 1. ALL DIMENSIONS AND EXISTING GRADE VARY. VERIFY ALL DIMENSIONS IN FIELD (V.I.F.)
 2. STABILIZE AND PROTECT (E) GRADE ADJACENT TO (E) BRICK WALL PRIOR TO DEMOLITION AND DURING CONSTRUCTION.
 3. THE BASE OF THE (E) BRICK WALL WAS NOT VISIBLE DURING INVESTIGATION PHASE. (E) BASE MAY NEED TO BE RESET BEFORE (E) BRICK WALL IS REBUILT.



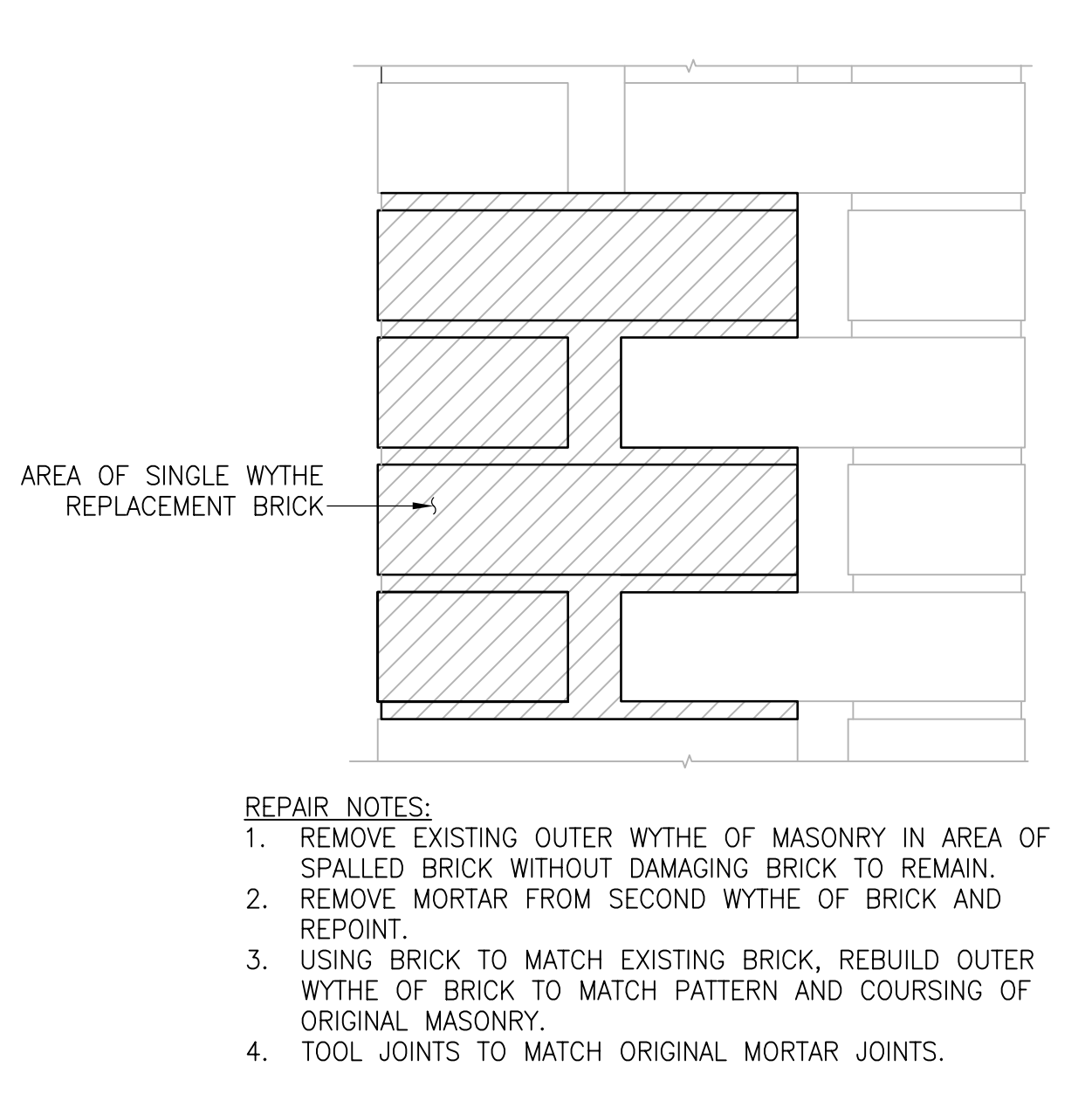
4 REBUILT STONE WALL NTS

NOTES:
 1. ALL DIMENSIONS AND EXISTING GRADE VARY. VERIFY ALL DIMENSIONS IN FIELD (V.I.F.)
 2. STABILIZE AND PROTECT (E) GRADE ADJACENT TO (E) STONE WALL PRIOR TO DEMOLITION AND DURING CONSTRUCTION.
 3. THE BASE OF THE (E) STONE WALL WAS NOT VISIBLE DURING INVESTIGATION PHASE. (E) BASE MAY NEED TO BE RESET BEFORE STONE WALL IS REBUILT.



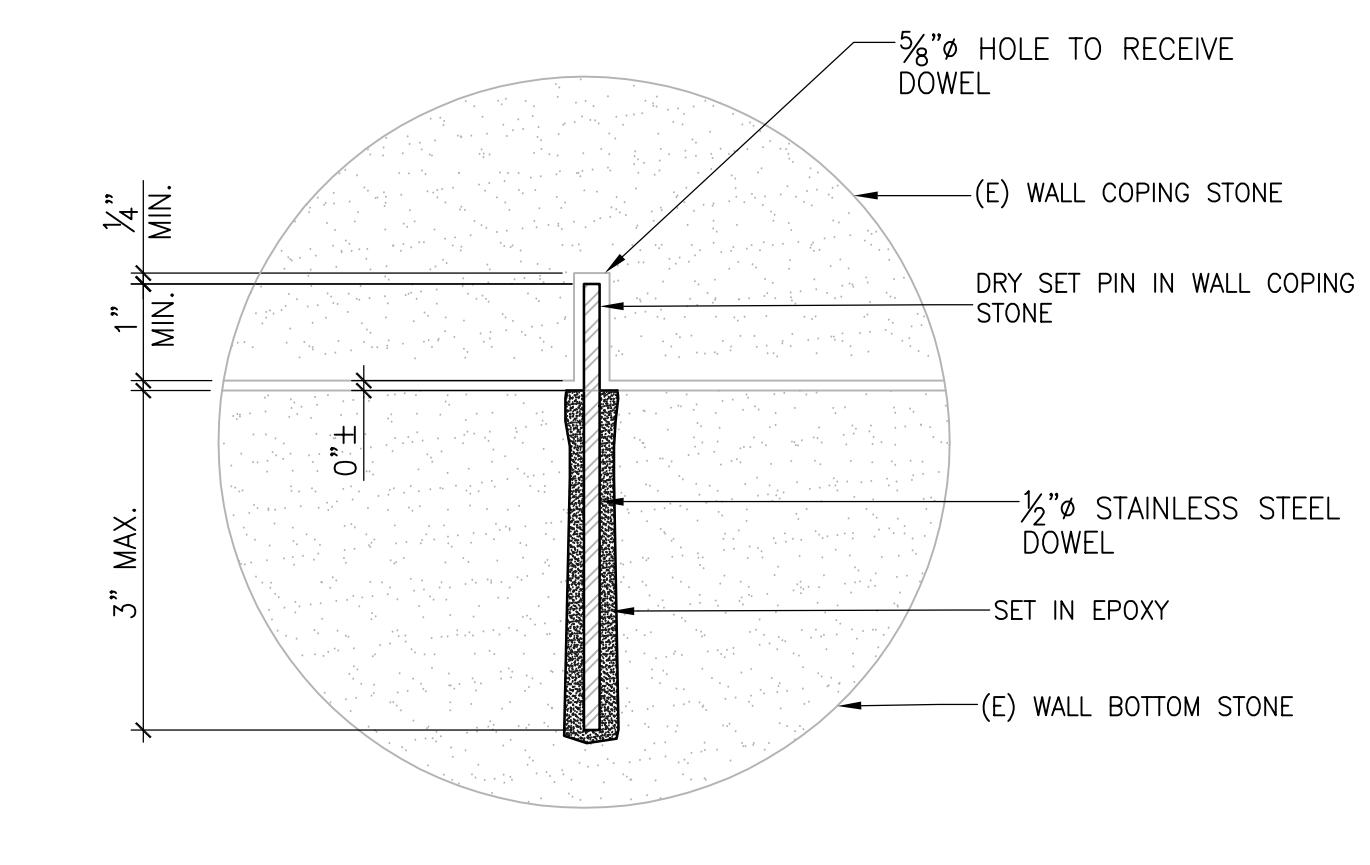
5 BRICK REPOINTING NTS

REPOINTING NOTES:
 1. REMOVE EXISTING MORTAR FROM JOINT WITHOUT CHIPPING OR DAMAGING BRICK.
 2. REMOVE DIRT AND DEBRIS FROM JOINT. RINSE JOINT WITH WATER.
 3. APPLY MORTAR IN 3/8" LIFTS AND ALLOW TO DRY TO THUMBPRINT HARD BEFORE APPLYING SUBSEQUENT LAYER.
 4. TOOL FINAL LIFT TO MATCH PROFILE AND APPEARANCE OF (E) MORTAR JOINTS. TEXTURE TO A UNIFORM "SANDY" FINISH.
 5. MOIST CURE MORTAR FOR AT LEAST 72 HOURS. COVER WITH TARPS TO SHIELD FROM SUN AND WIND DURING CURE.

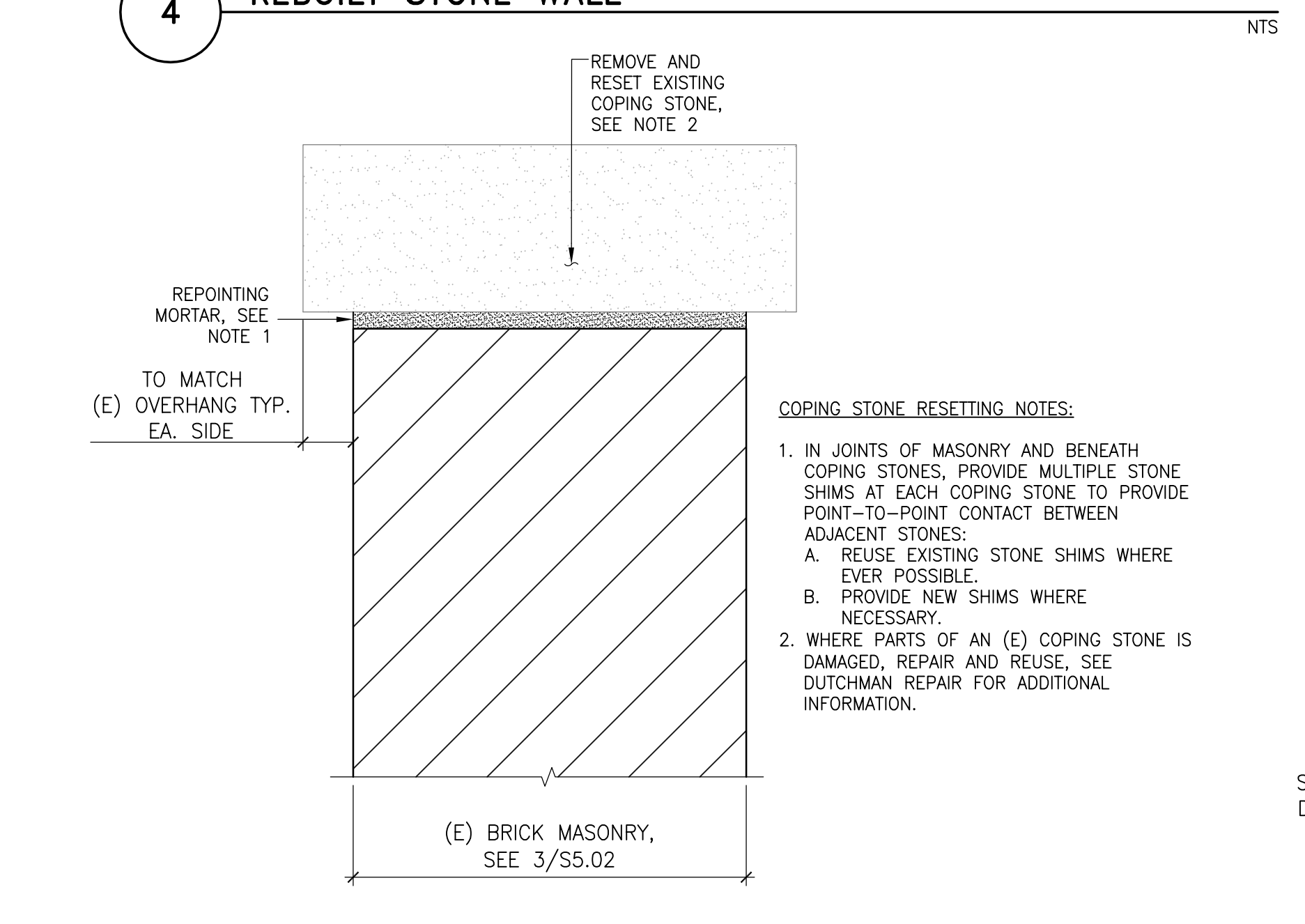


6 BRICK REPLACEMENT (SINGLE WYTHE) NTS

REPAIR NOTES:
 1. REMOVE EXISTING OUTER WYTHE OF MASONRY IN AREA OF SPALLED BRICK WITHOUT DAMAGING BRICK TO REMAIN.
 2. REMOVE MORTAR FROM SECOND WYTHE OF BRICK AND REPOINT.
 3. USING BRICK TO MATCH EXISTING BRICK, REBUILD OUTER WYTHE OF BRICK TO MATCH PATTERN AND COURSING OF ORIGINAL MASONRY.
 4. TOOL JOINTS TO MATCH ORIGINAL MORTAR JOINTS.

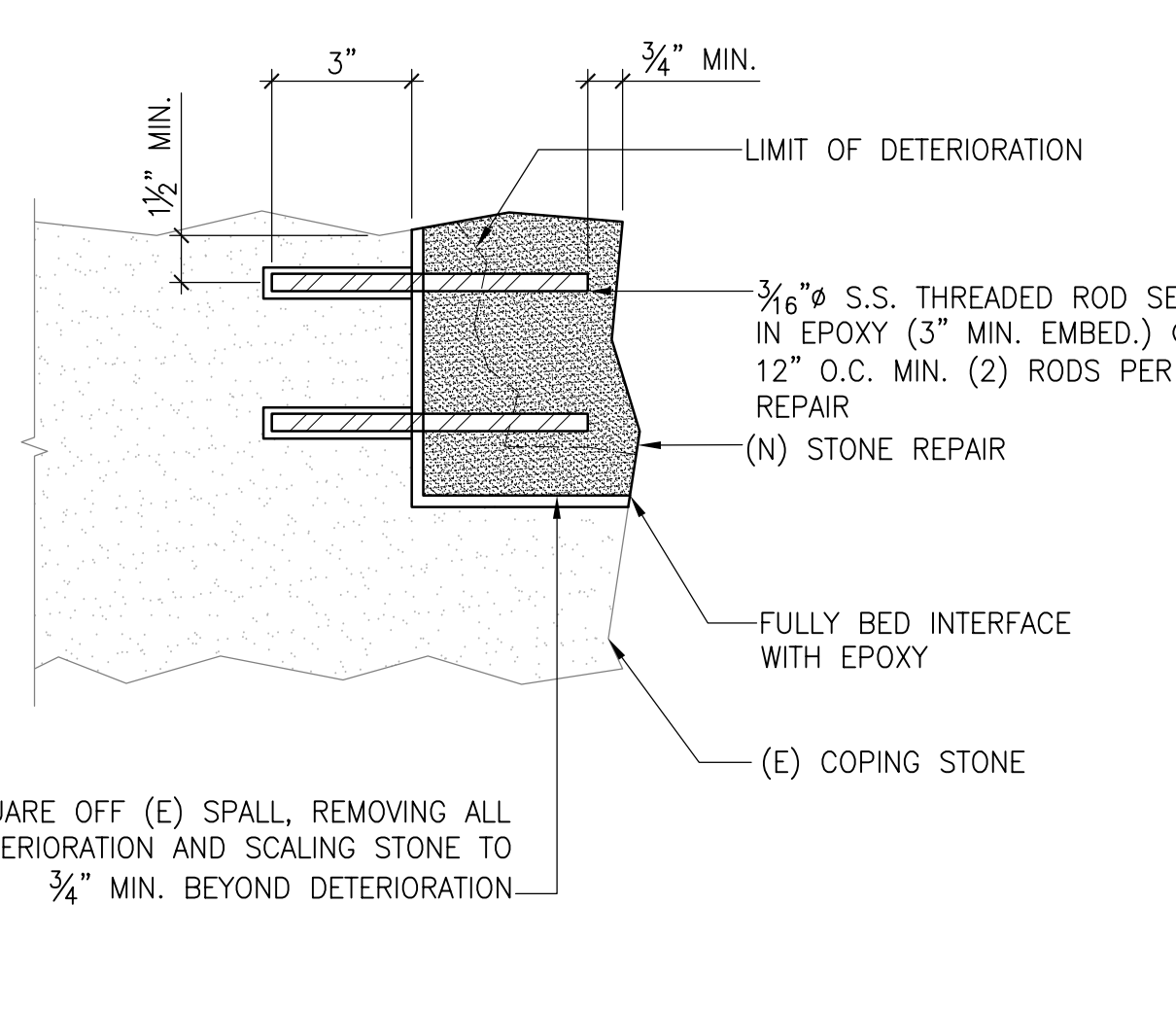


7 WALL COPING STONE DOWEL



8 RESET COPING STONES NTS

COPING STONE RESET NOTES:
 1. IN JOINTS OF MASONRY AND BENEATH COPING STONES, PROVIDE MULTIPLE STONE SHIMS AT EACH COPING STONE TO PROVIDE POINT-TO-POINT CONTACT BETWEEN ADJACENT STONES:
 A. REUSE EXISTING STONE SHIMS WHERE EVER POSSIBLE.
 B. PROVIDE NEW SHIMS WHERE NECESSARY.
 2. WHERE PARTS OF AN (E) COPING STONE IS DAMAGED, REPAIR AND REUSE, SEE DUTCHMAN REPAIR FOR ADDITIONAL INFORMATION.



9 STONE DUTCHMAN REPAIR NTS

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REPAIR DETAILS

Drawing Title

Project No. 191791.00	Checked RES	Date 2020/05/13
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Drawing No. S5.02		

Seal