OUTLINE SPECIFICATION (See DETAILS on second page)

Intent of Work-

To consolidated and strengthen weakened brickwork with helical ties and injected grout.

Suitability-

The work described herein is best suited for conditions where there is enough variation in mortar joint condition to allow unsound mortar to be removed but with enough sound mortar remaining to prevent deformation of the masonry.

Required Materials, Products and Equipment-

Masonry mortar materials and potable water
VoidSpan 600 Series PHLc70 Injection Grout
VoidSpan 1200 Series Jetting Wands
VoidSpan 3000 Series Standpipe Piezometers
VoidSpan 4000 Series Pressure Pot (or equivalent pressure regulating pump) with 5/8" ID feed lines
VoidSpan H1000 Series Helifix Ties
Color matching repair mortar

Scope of work-

1. DRILL PILOT HOLES
2. INSTALL HELIFIX WALL TIES- SEE **INSTALLATION GUIDE "H1"**
3. DRILL PORT HOLES
4. JET CLEAN WALL CAVITIES
5. SEAL FLEX TUBE PORTS IN PLACE
6. GROUT INJECT UNTIL PIEZOMETER OVER-TOPPED- SEE **INSTALLATION GUIDE "G2"**
7. CLAMP TUBES WHEN DONE
8. PATCH TIE HOLES AND PORTS
9. CUT AND POINT WALL IF DESIRED

Responsibility-

It is the responsibility of the *Specifying Engineer* to determine the specifics of the structural design and use of the VoidSpan Reinforcement System and to confirm its appropriateness for the application. Note that the details and suggested methods are presented herein as schematic representations only, and actual field conditions will vary.

It is the responsibility of the *System Installer* to understand the requirements of the installation and execute the installation in a safe and correct manner.

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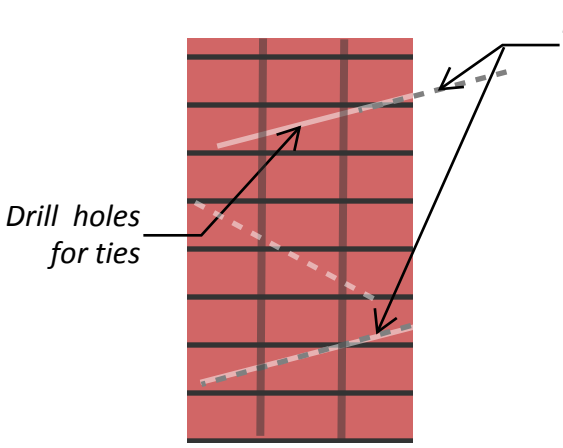
BRICKWORK CONSOLIDATION
w/ HELIFIX TIES

Step-

1. DRILL PILOT HOLES

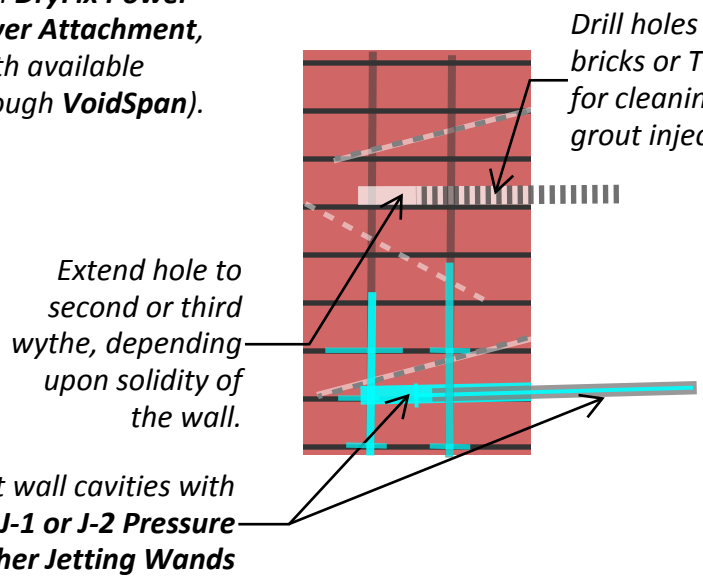
2. INSTALL HELIFIX WALL TIES



Step-

3. DRILL PORT HOLES

4. JET CLEAN WALL CAVITIES

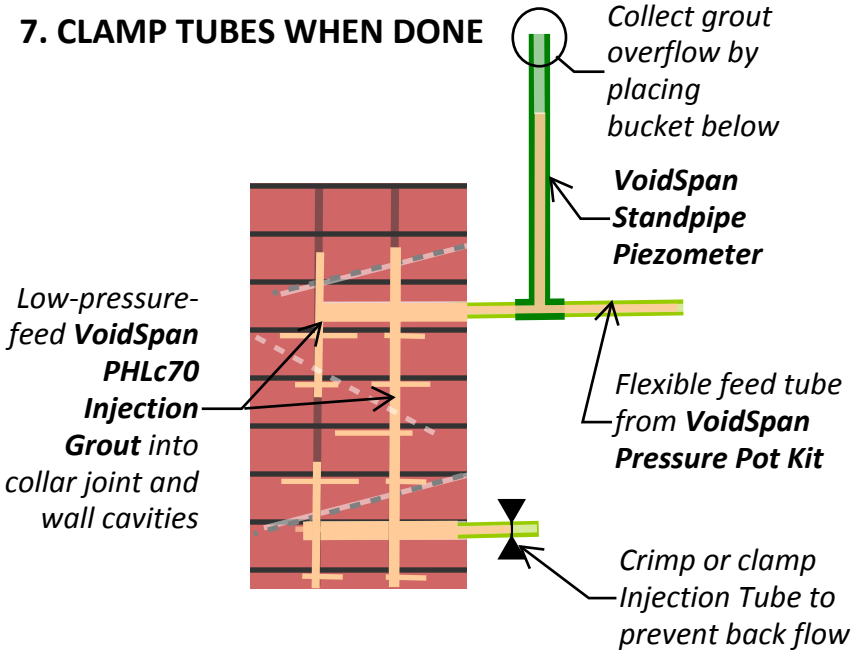


Step-

5. SEAL FLEX TUBE PORTS IN PLACE

6.GROUT INJECT UNTIL PIEZOMETER OVER-TOPPED

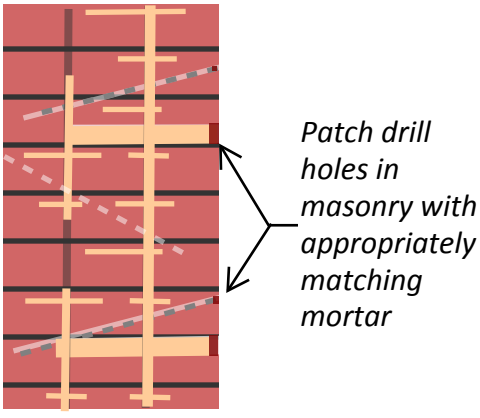
7. CLAMP TUBES WHEN DONE



Finish-

8. PATCH TIE HOLES AND PORTS

9. CUT AND POINT WALL IF DESIRED



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