

Detail Architectural Drawings

Fab Tape Seam (DWG & Instruction Sheet)

Concrete Slab on Grade – Grade Beam Detail Fig 1 (DWG)

Concrete Slab on Grade – Grade Beam Detail Fig 2 (DWG)

Concrete Slab on Grade – Grade Beam Detail Fig 3 (DWG)

Concrete Slab on Grade – Grade Beam Detail Fig 4 (DWG)

Griffolyn Repair (DWG)

General Installation Instructions (Sheet)

Pipe Cluster (2 DWGs)

Vapor Retarder Attachments (DWG)

Detail – Vapor Retard (DWG)

Fab Tape Seams

Fab Tape is an asphaltic mastic which creates a durable field seam between multiple sections and for sealing around penetrations in a vapor retarder. Proper installation is imperative to ensure optimal bonding and sealing.

Both Griffolyn surfaces must be clean and dry. On a dirty surface, the tape will adhere to the sand and dust instead of the Griffolyn vapor retarder. If the surface is wet, pockets of moisture are created which can thermally contract and expand sufficiently to degrade adhesion and destroy the seal.

Warm temperatures will promote better initial adhesion. Fab Tape will reach maximum bond strength in about 24 hours in a warm environment. Ambient temperatures of less than 60°F will extend the time required for bonding unless additional heat sources are applied.

Proper grading of the substrate beneath the vapor retarder is essential for optimal sealing. A rough, rutted and/or lumpy subgrade can cause wrinkles and gaps in the seam area which make it difficult to achieve an effective bond.

To begin installation, lay both sheets over a smooth subgrade with a 6" overlap. Fold the top section back and apply the Fab Tape 4" back and parallel to the edge of the bottom section. Smooth out any gaps or voids while applying the tape.

Remove the release paper and firmly press the top section to the bottom while maintaining even tension on the material to avoid gaps which could cause leaks.

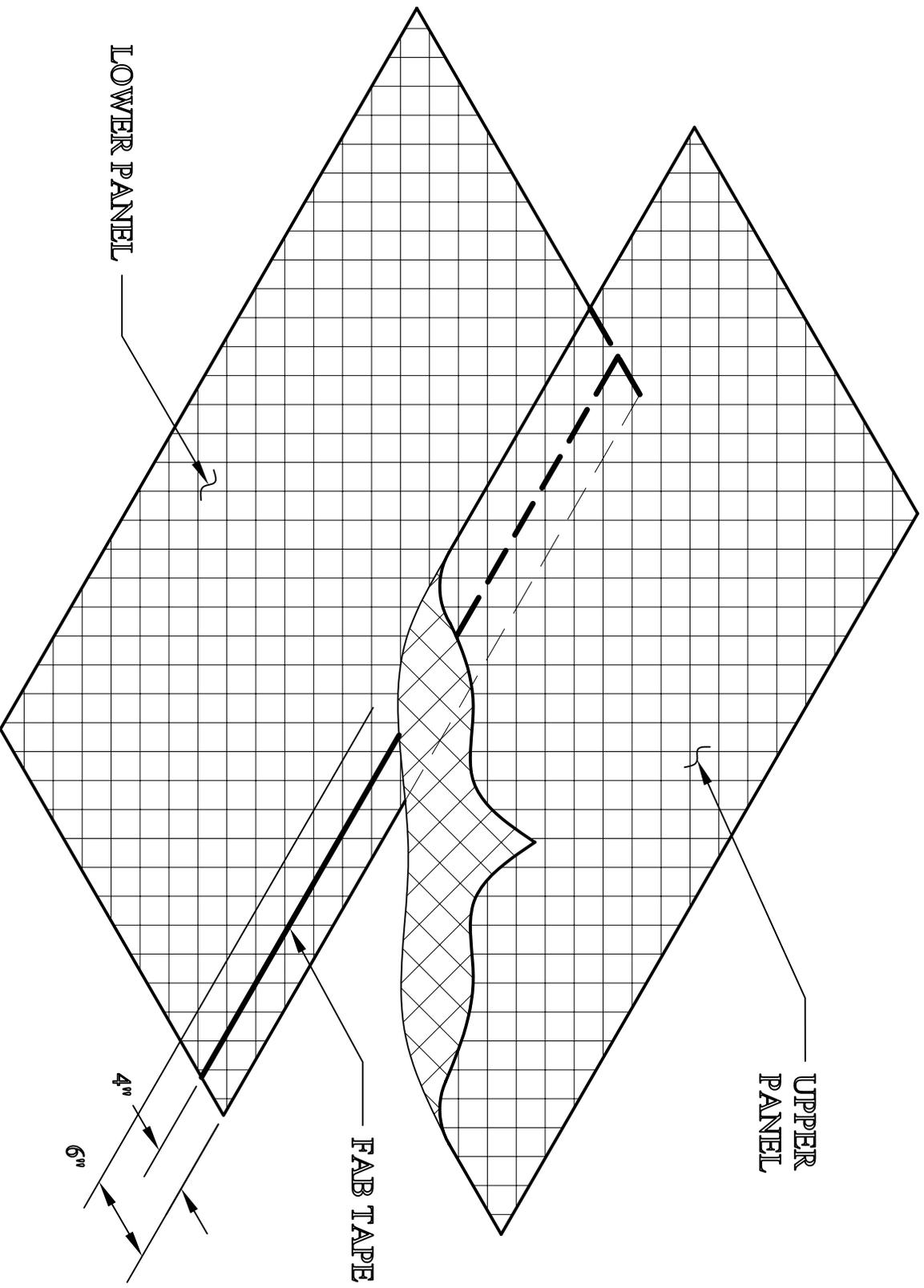
Allow adequate time for complete bonding before subjecting the joint to substantial stress.



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FAB TAPE SEAM

FAB TAPE SEAM RC 4-24.dwg



NOTE: This document provides information related to the installation of "FAB TAPE" and related components. This document does not attempt to address all aspects of an installation for all applications. The information presented is general information in order to familiarize the individual with the overall scope of the project.



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CONCRETE SLAB ON GRADE: FIG 1

GRADEBEAM DETAIL RC 4-24.dwg

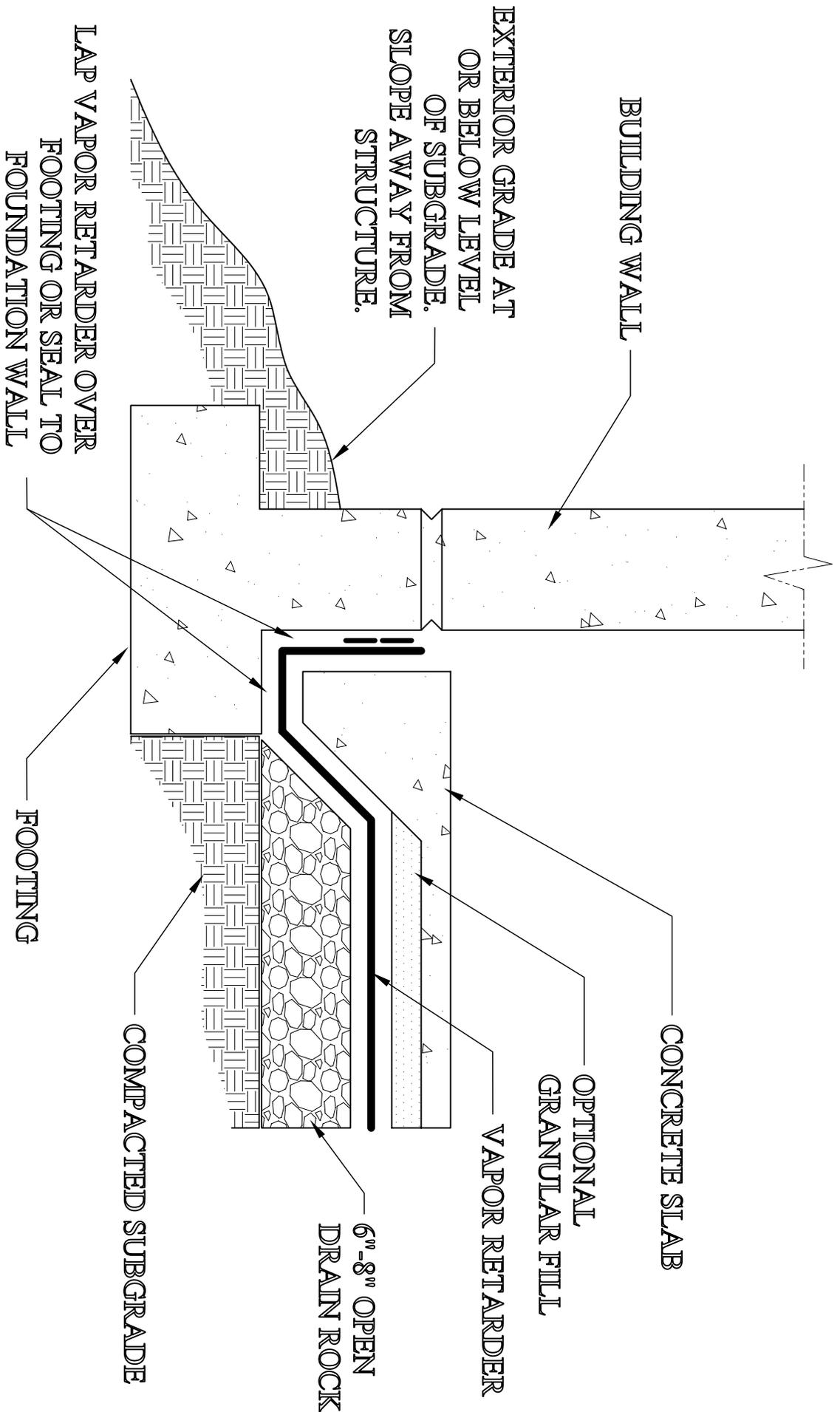


FIG. 1

OPTIMUM RELATIONSHIP OF VAPOR RETARDER COMPONENTS

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CONCRETE SLAB ON GRADE: FIG 2

GRADEBEAM DETAIL RC 4-24.dwg

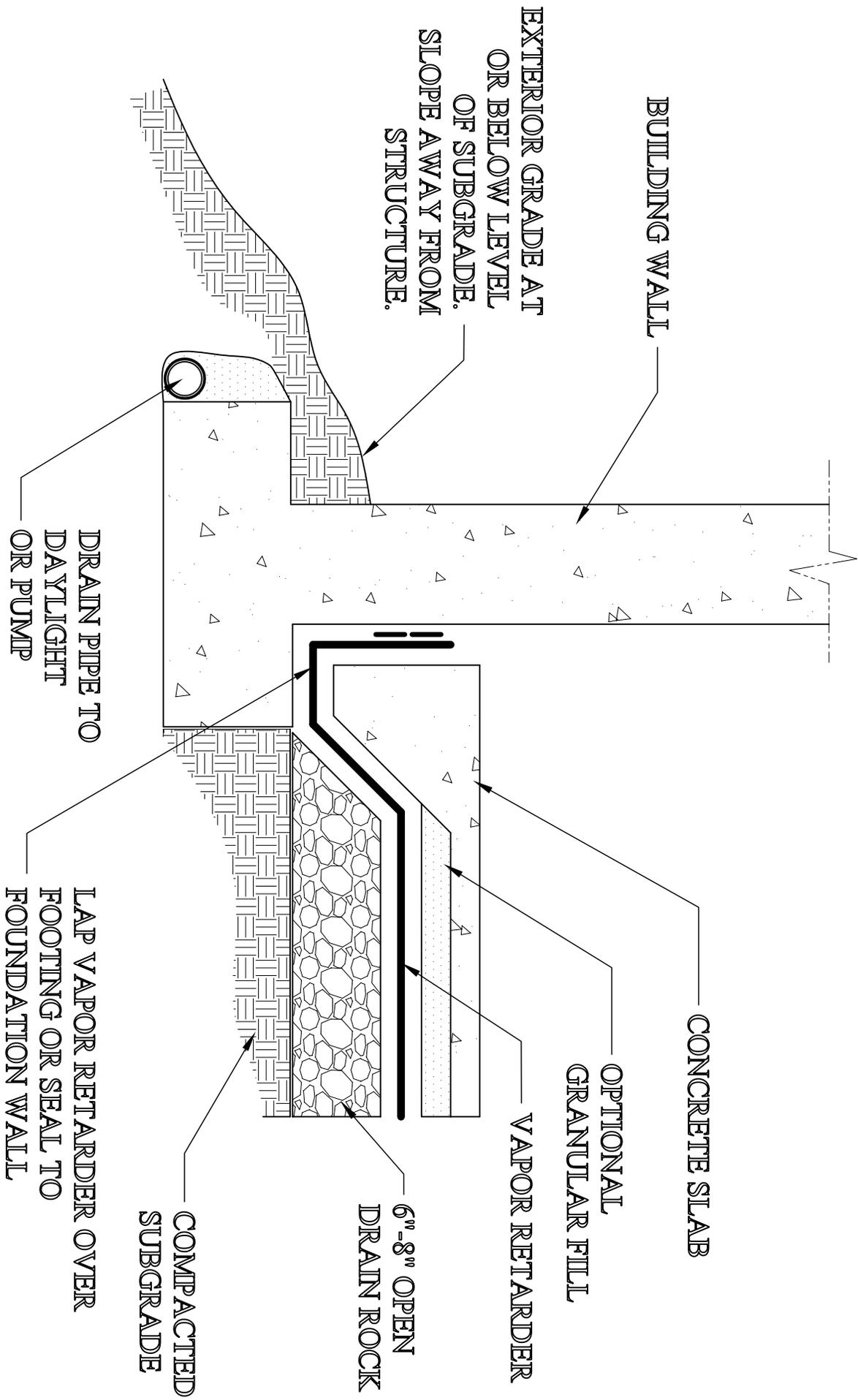


FIG. 2

CONCRETE SLAB ON GRADE: SOLUTION FOR SUBGRADE SLIGHTLY BELOW EXTERIOR GRADE

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CONCRETE SLAB ON GRADE: FIG 3

GRADEBEAM DETAIL RC 4-24.dwg

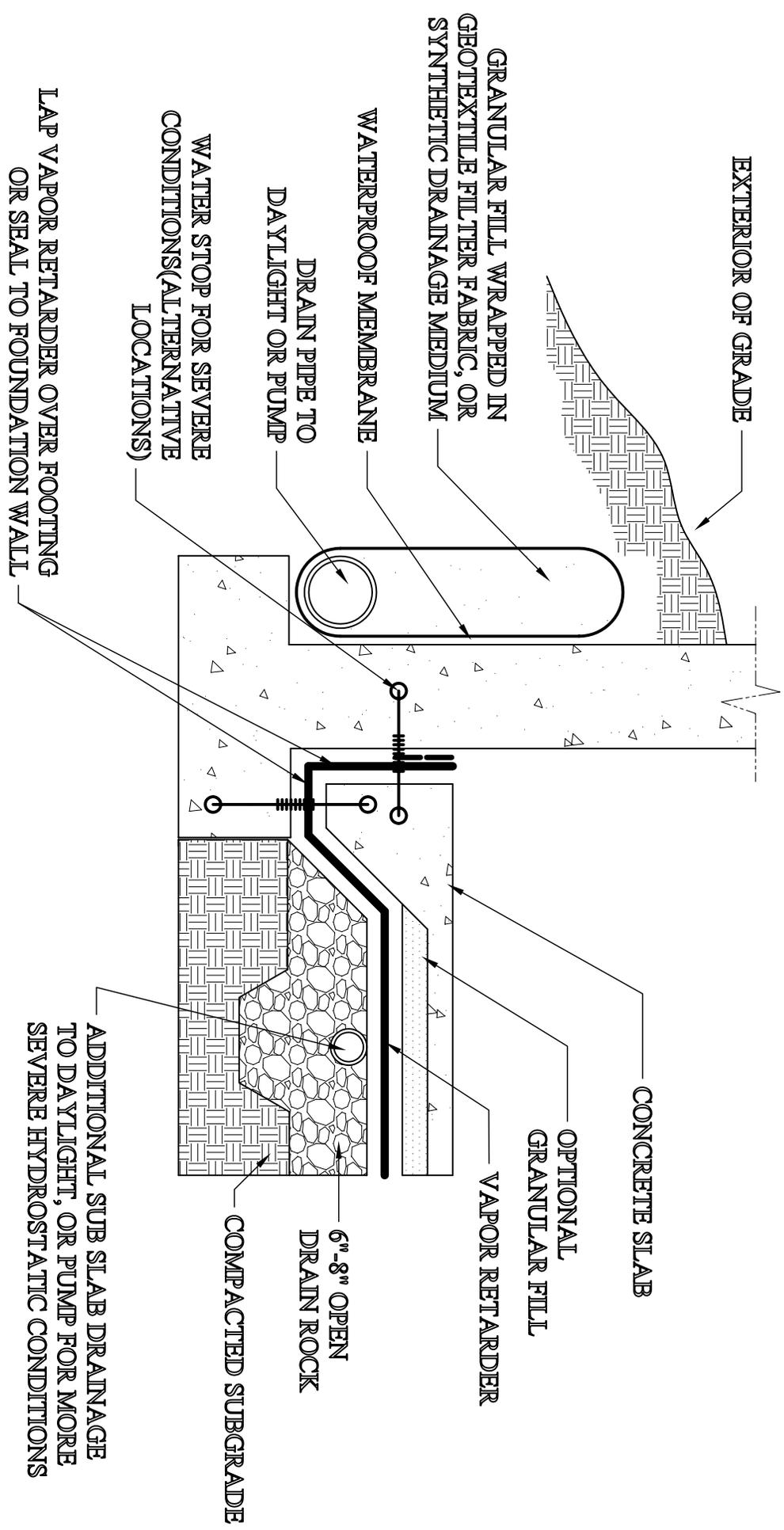


FIG. 3
SOLUTION FOR SUBGRADE UP TO ONE STORY BELOW GRADE
WITH NO HYDROSTATIC PRESSURE ON VAPOR RETARDER

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CONCRETE SLAB ON GRADE: FIG 4

GRADEBEAM DETAIL RC 4-24.dwg

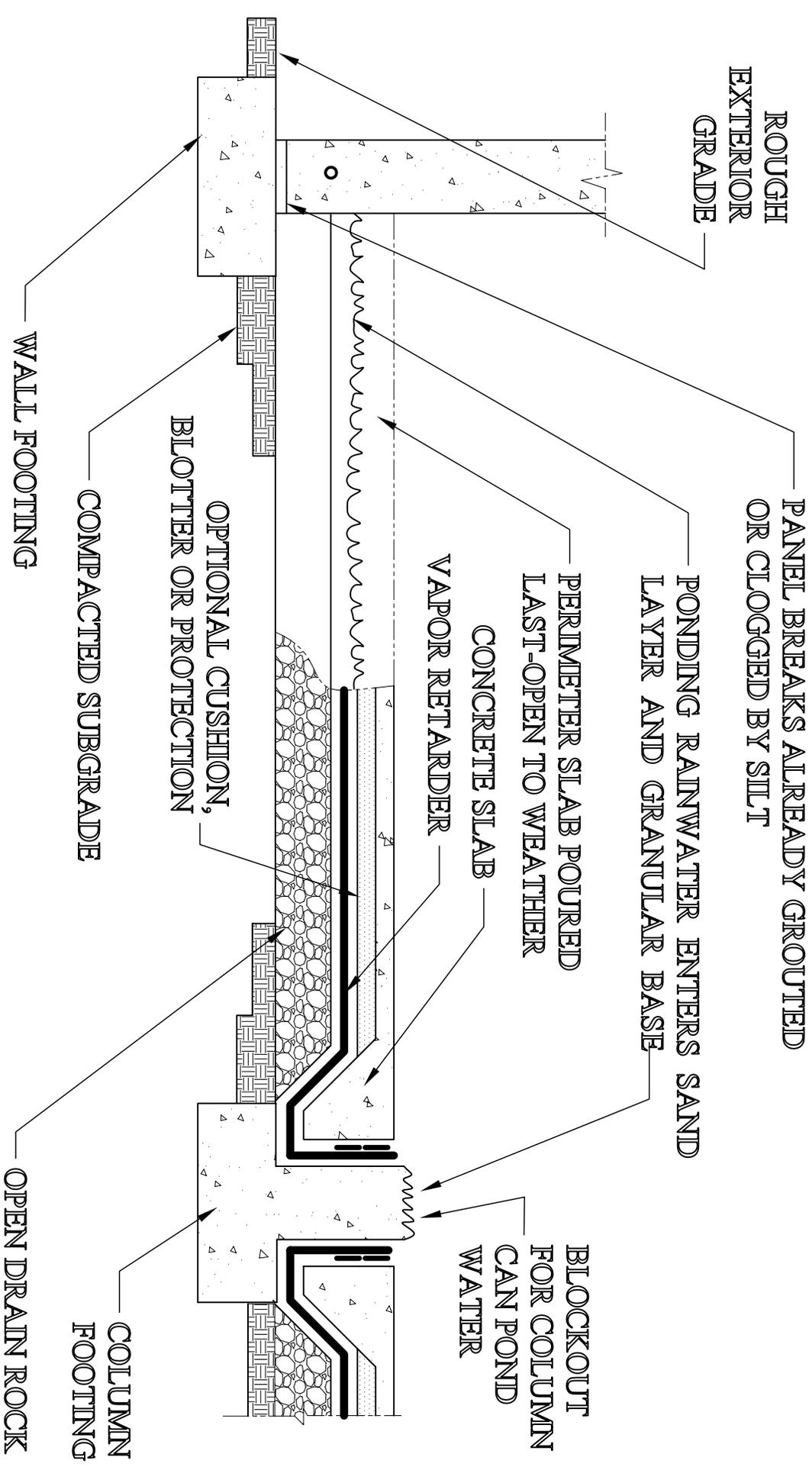


FIG. 4

HOW MOISTURE CAN BE RETAINED IN BASE OR CUSHION, BLOTTER, OR PROTECTION COURSE DURING CONSTRUCTION

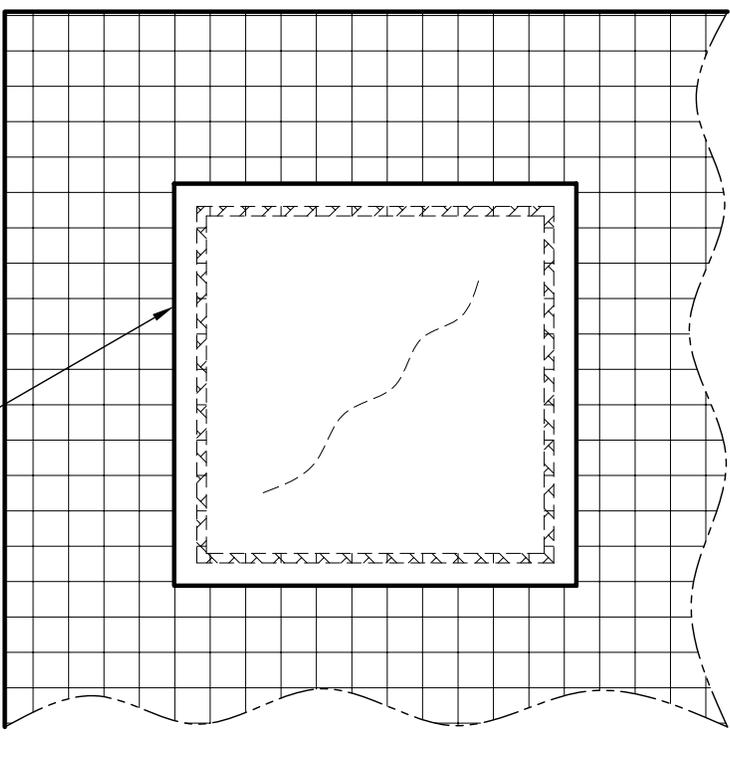
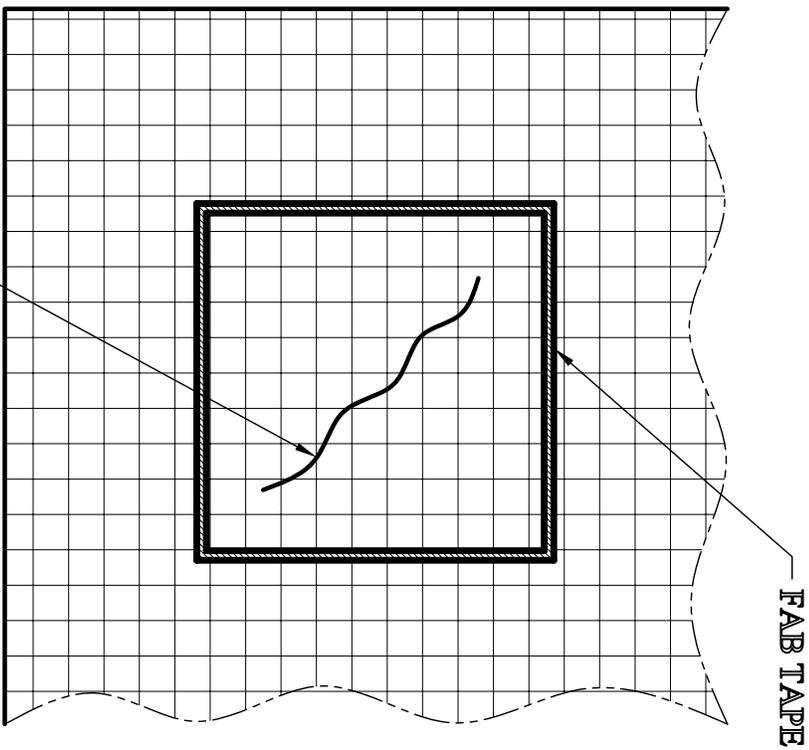
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GRIFFOLYN REPAIR

GRIFFOLYN REPAIR RC 4-24.dwg



REPAIRING A TEAR

1. CLEAN A 1-2 FOOT AREA ON ALL SIDES OF DAMAGED AREA OF MATERIAL.
2. APPLY A CONTINUOUS STRIP OF FAB TAPE AROUND THE DAMAGED AREA.
3. CUT A PATCH SLIGHTLY LARGER (2-3") THAN THE EXTENT OF THE FAB TAPE.
4. REMOVE THE SECOND LAYER OF RELEASE PAPER AND SECURE THE PATCH TO THE TAPE.

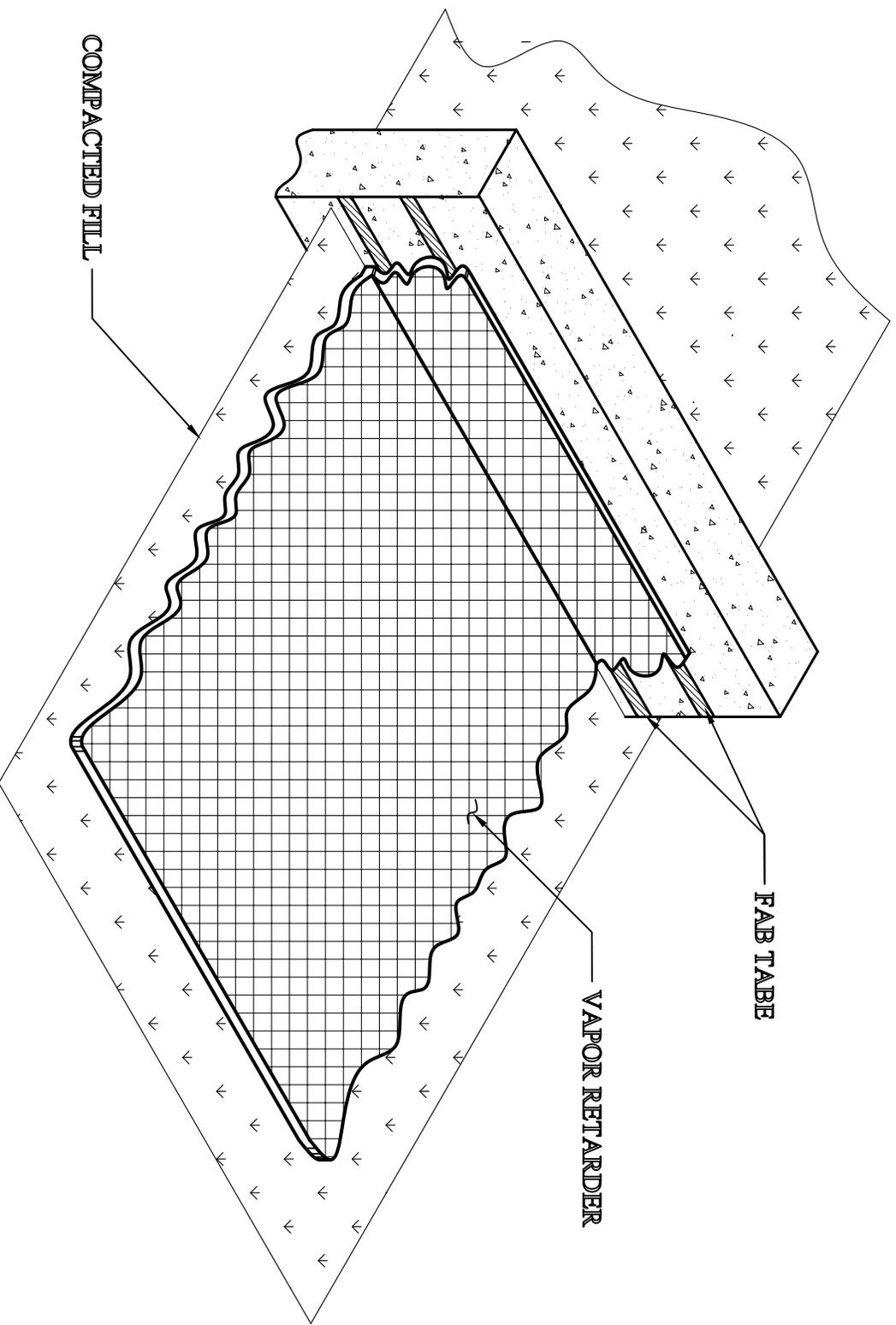
NOTE: This document provides information related to the installation of "FAB TAPE" and related components. This document does not attempt to address all aspects of an installation for all applications. The information presented is general information in order to familiarize the individual with the overall scope of the project.



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VAPOR RETARDER ATTACHMENT TO STEM WALL W/PIPEBOOT DETAIL

VAPOR RETARDER ATTACHMENT TO WALL RC 04-29



NOTES

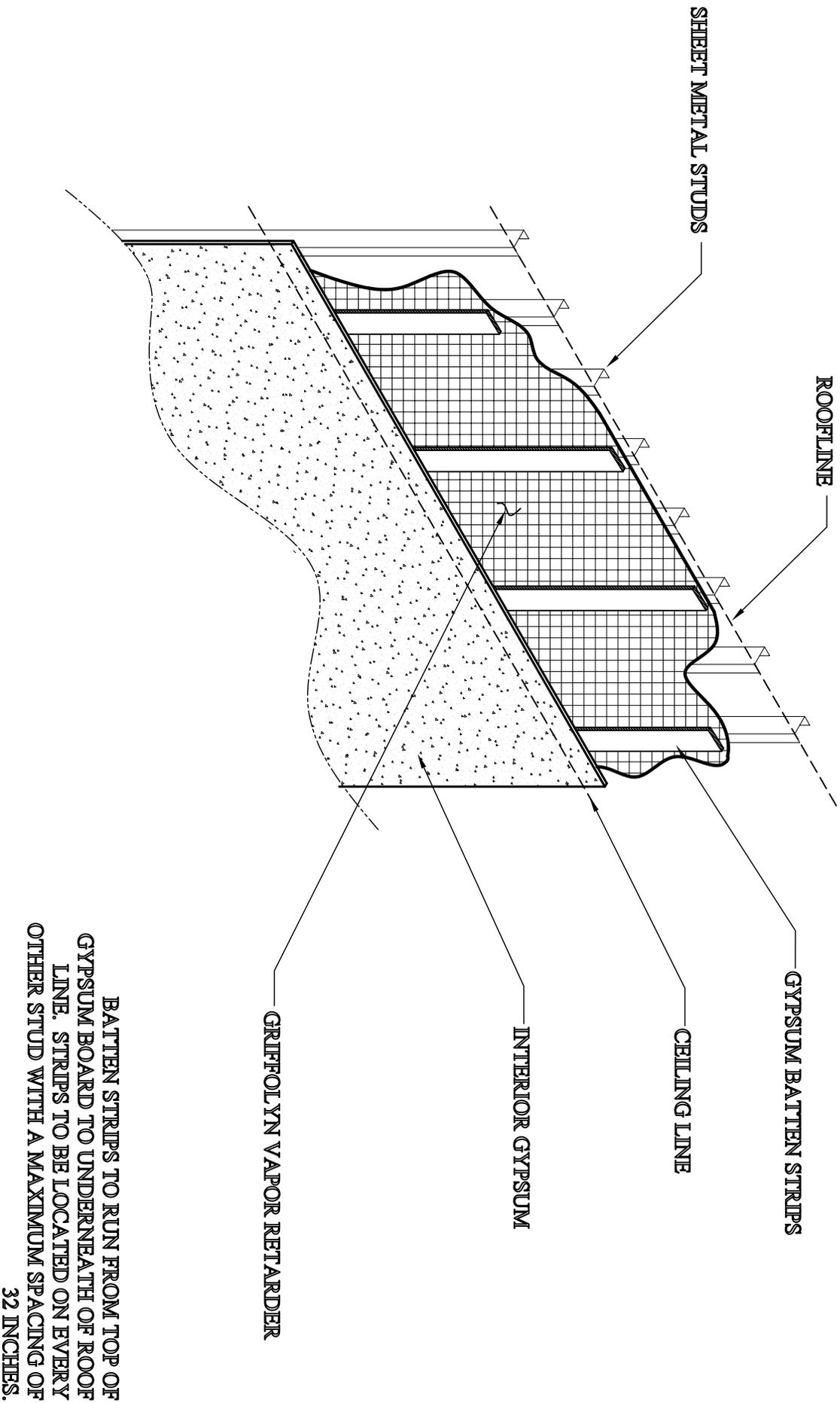
1. DIRT AND LOOSE FINES SHOULD BE REMOVED FROM THE INSIDE FACE OF THE STEMWALL
 2. APPLY A ROW OF FAB TAPE ON THE STEM WALL JUST BELOW THE FINISHED FLOOR SURFACE.
 3. REMOVE RELEASE LINER ON THE FAB TAPE AND SECURE THE VAPOR RETARDER TO THE TAPE. INSURE THAT SUFFICIENT SLACK IS AVAILABLE AT THE TRANSITION BETWEEN THE FILL AND THE WALL TO PREVENT ALTERNATE REFERENCE: ASTM E-1643
- THE VAPOR RETARDER FROM BEING SEPARATED FROM THE TAPE.



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DETAIL - VAPOR RETARDER

DETAIL - VAPOR RETARDER RC 4-24.dwg



NOTE: This document provides information related to the installation of "Fabtape" and related components. This document does not attempt to address all aspects of an installation for all application. The information presented is general information in order to familiarize the individual with the overall scope of the project.

Griffolyn[®] Griff Tape/FR

General Installation Instructions

The surfaces to be taped should be clean and dry. The tape will not adhere if the surfaces are not properly prepared. Dirty or wet surfaces should be completely cleaned with water, paper towels, dry rags or other materials that will prepare the surface for the tape. Accumulations of dust should also be removed to insure a secure seam.

To make a taped seam, the two panels should be overlapped a minimum of 4 inches. The edges to be joined should be smooth and foldovers or wrinkles should be removed. The exposed edge of the top panel should end up in the center of the tape as it is applied. Apply the tape so that half of the tape is on the top panel and half on the bottom panel. Firm hand pressure is sufficient to bond the tape to the material.

The product obtains optimum adhesion when the surfaces to be bonded are warm. The surfaces should be above 40° F to insure an acceptable bond. In order to obtain a bond at lower temperatures, external heat may be required. The use of an industrial style hot air blower is one recommended method. Extra care should be taken when attempting to install tape at temperatures below 32° F.

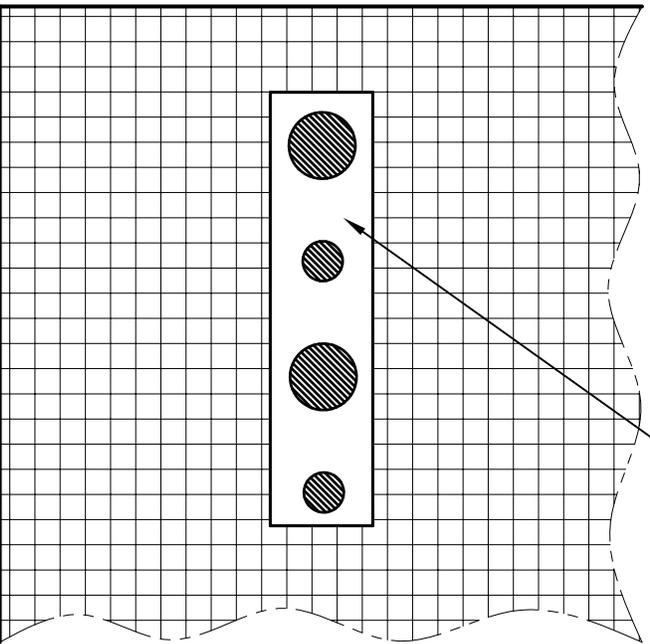


PIPE CLUSTER

GRIFFOLYN REPAIR RC 7-9.dwg

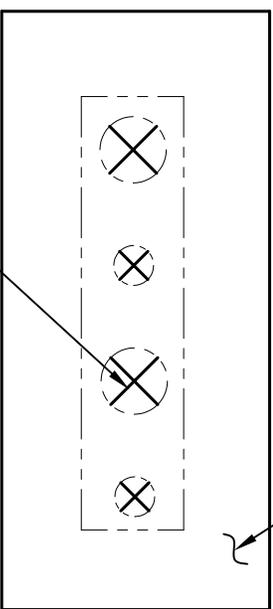
DWG 1 OF 2

VAPOR RETARDER WILL BE CUT AROUND CLUSTER TO ALLOW PIPES TO PASS THROUGH LINER



VIEW 1

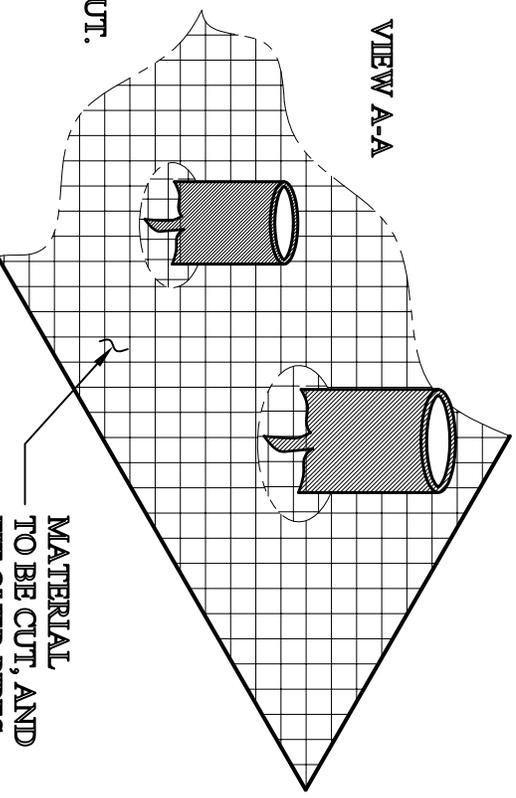
ON A PIECE OF EXTRA VAPOR BARRIER MATERIAL, MARK PIPE LAYOUT.



VIEW 2

"X" REPRESENTS A SLIT ON THE MATERIAL. DO NOT OVERSIZE SLITS, MAKE SLIT SLIGHTLY SMALLER THAN PIPE SEE VIEW A-A

VIEW A-A



MATERIAL TO BE CUT, AND FIT OVER PIPES

RECOMMENDATIONS OF VAPOR RETARDER INSTALLATION ON AREAS WHERE PIPE CLUSTER ARE PRESENT.

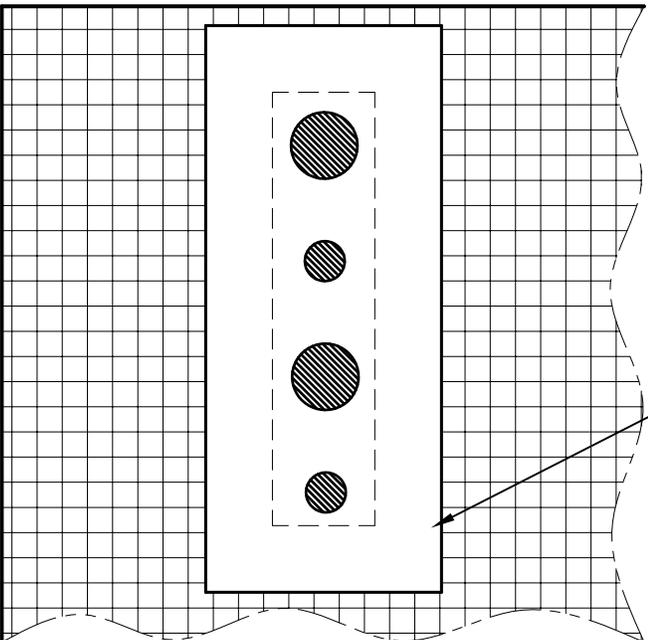
1. ON AN ADDITIONAL PIECE OF VAPOR RETARDER MATERIAL MARK PIPE LAYOUT.
2. START AT CENTER OF PIPE CLUSTER AND WORK OUTWARDS. ALLOW ENOUGH SPACE IN BETWEEN PIPE MARKINGS SO MATERIAL IS NOT BEING STRETCHED.



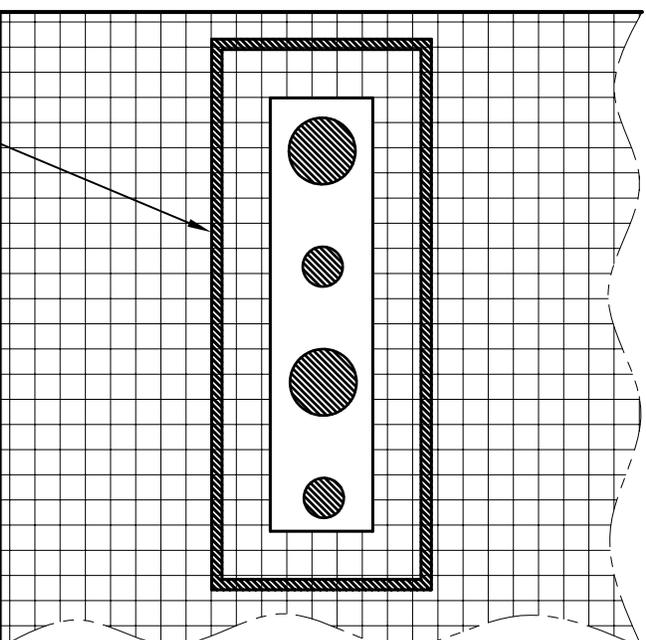
PIPE CLUSTER

GRIFFOLYN REPAIR RC 7-9.dwg

APPLY FLAP OVER PIPES,
ENSURING THE PRE-MARKED
PIPE ORDINATION IS ALIGNMENT
WITH PIPES



VIEW 3



VIEW 4

FAB TAPE WILL BE PLACED,
ON TOP SIDE OF LINER, CONTINUES
AROUND THE OPENING

RECOMMENDATIONS OF VAPOR RETARDER INSTALLATION ON AREAS
WHERE PIPE CLUSTER ARE PRESENT.

3. ONCE THE SLITS ARE CUT SLIDE MATERIAL DOWN THE PIPE AND SECURE AGAINST SUBGRADE. USE CAULK OR FAB TAPE TO SEAL THE OPENING OF THE MATERIAL TO THE PIPE.
4. USE FAB TAPE TO SEAL VAPOR BARRIER TO THE MAIN PANEL