

MAPESEAL GC (REINFORCED) DRAWING LIST

REINFORCED

VERTICAL APPLICATIONS

MSR-1A	FOUNDATION WATERPROOFING/GENERAL ASSEMBLY
MSR-1B	FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL
MSR-1C	FOUNDATION WALL - ELEVATED FLOOR SLAB
MSR-1D	FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL W/INSULATION
MSR-1E	FOUNDATION WALL/MAT SLAB
MSR-1F	FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL - HYDROSTATIC (OPTION 1)
MSR-1G	FOUNDATION WALL - ELEVATED FLOOR SLAB HYDROSTATIC (OPTION 1)
MSR-1H	FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL W/INSULATION HYDROSTATIC
MSR-1I	FOUNDATION WALL/MAT SLAB - HYDROSTATIC
MSR-1J	FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL - HYDROSTATIC (OPTION 2)
MSR-1K	FOUNDATION WALL - ELEVATED FLOOR SLAB HYDROSTATIC (OPTION 2)

HORIZONTAL APPLICATIONS

MSR-2A	SPLIT SLAB PLAZA DECK
MSR-2B	INSULATED SPLIT SLAB PLAZA DECK
MSR-2C	PAVER & PEDESTAL PLAZA DECK
MSR-2D	PAVER & MORTAR BED PLAZA DECK
MSR-2E	PAVER & SAND SLAB PLAZA DECK
MSR-2F	BALLAST & INSULATION PLAZA DECK
MSR-2G	TILE & MORTAR BED - DECK OR BALCONY
MSR-2H	DIRECT THIN-SET AND TILE OVER MAPESEAL GC

JOINTS & CRACKS

MSR-3A	WALL/DECK NON-MOVING, NON-STRUCTURAL CRACK TREATMENT
MSR-3B	WALL/DECK CONCRETE CONTROL JOINT
MSR-3C	WALL CONTROL V JOINT
MSR-3D	WALL/DECK NON-MOVING GROUTED PRECAST JOINT

CORNERS

MSR-4A	WALL OUTSIDE CORNER DETAIL
MSR-4B	WALL INSIDE CORNER DETAIL

BRICK LEDGES

MSR-5A	BRICK LEDGE
MSR-5B	STUCCO WEEP SCREED

EXPANSION JOINTS

MSR-6A	WALL/DECK 1 IN (2.5 CM) OR LESS EXPANSION JOINT
MSR-6B	WALL TO DECK 1 IN (2.5 CM) OR LESS EXPANSION JOINT

PENETRATIONS

MSR-7A	WALL PENETRATION
MSR-7B	DECK PENETRATION

FLASHING

MSR-8A	FLASHING AT DECK TO CURB/PARAPET - ISOMETRIC
MSR-8B	FLASHING AT DECK TO CURB/PARAPET - SECTION VIEW

DRAINS

MSR-9A	PLAZA DECK DRAIN - SPLIT SLAB
MSR-9B	PLAZA DECK DRAIN WITH SAND-SET PAVERS
MSR-9C	PLAZA DECK DRAIN WITH PAVERS & MORTAR BED

TERMINATIONS

MSR-10A	VERTICAL TERMINATION
MSR-10B	VERTICAL TERMINATION WITH REGLET
MSR-10C	VERTICAL TERMINATION W/COUNTER FLASHING



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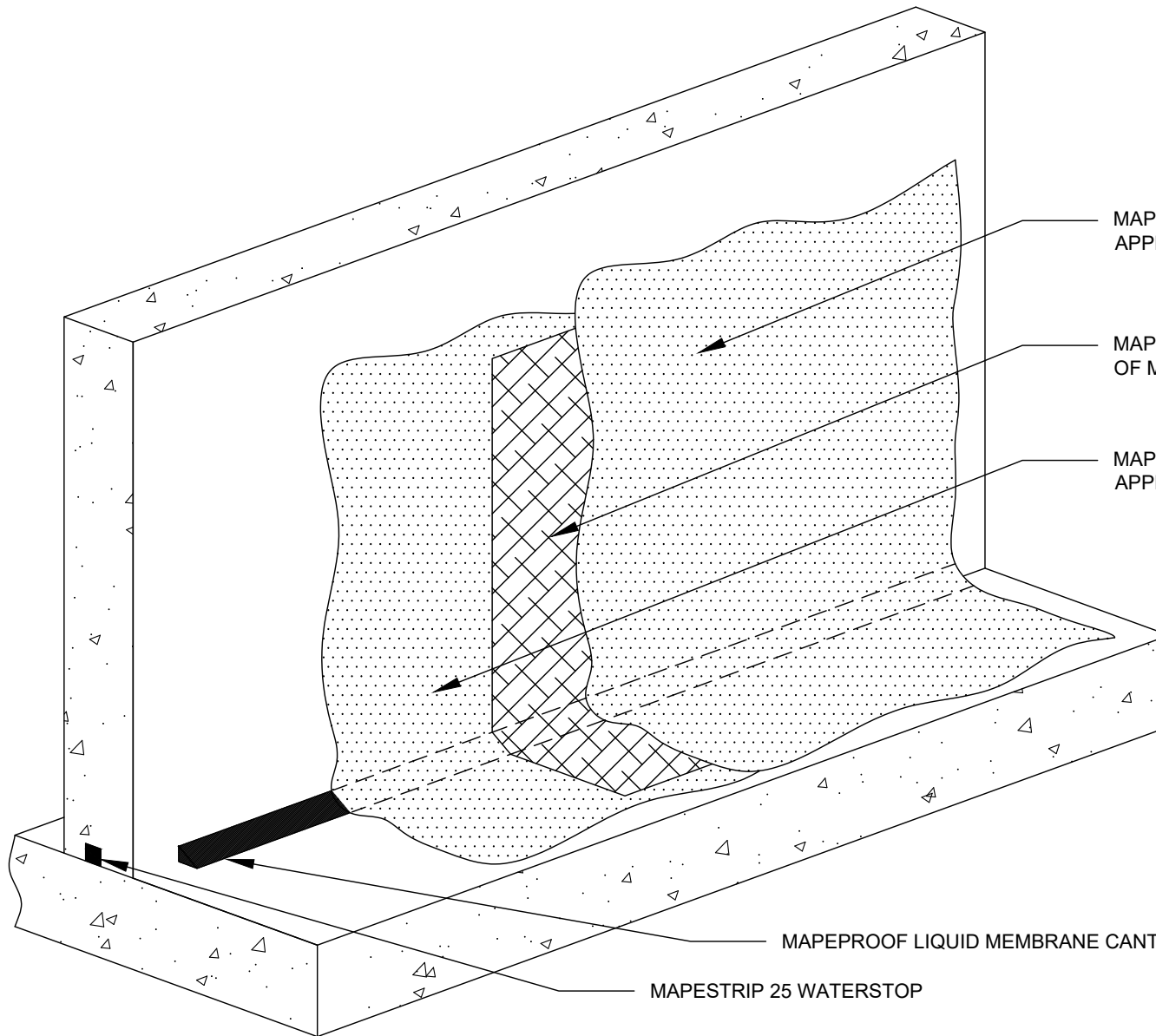
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MAPESEAL GC WATERPROOFING MEMBRANE
APPLIED AT 60-MILS - 2ND COAT

MAPESEAL FABRIC - EMBED INTO 1ST COAT
OF MAPESEAL GC

MAPESEAL GC WATERPROOFING MEMBRANE
APPLIED AT 60-MILS - 1ST COAT

MAPEPROOF LIQUID MEMBRANE CANT BEAD WITH 3/4 IN(19 MM) FACE

MAPESTRIP 25 WATERSTOP



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FOUNDATION WATERPROOFING GENERAL ASSEMBLY

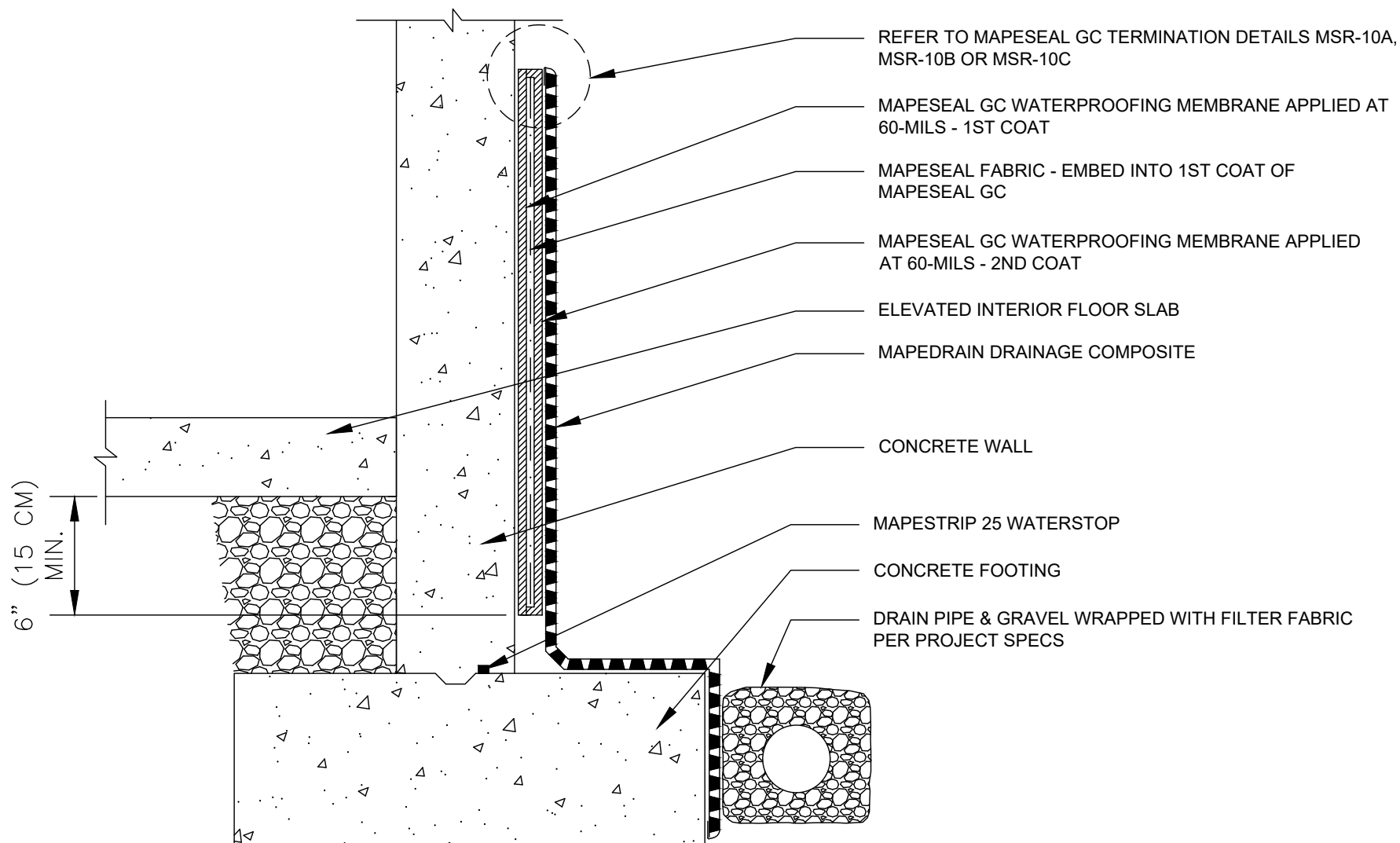
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FOUNDATION WALL ELEVATED FLOOR SLAB

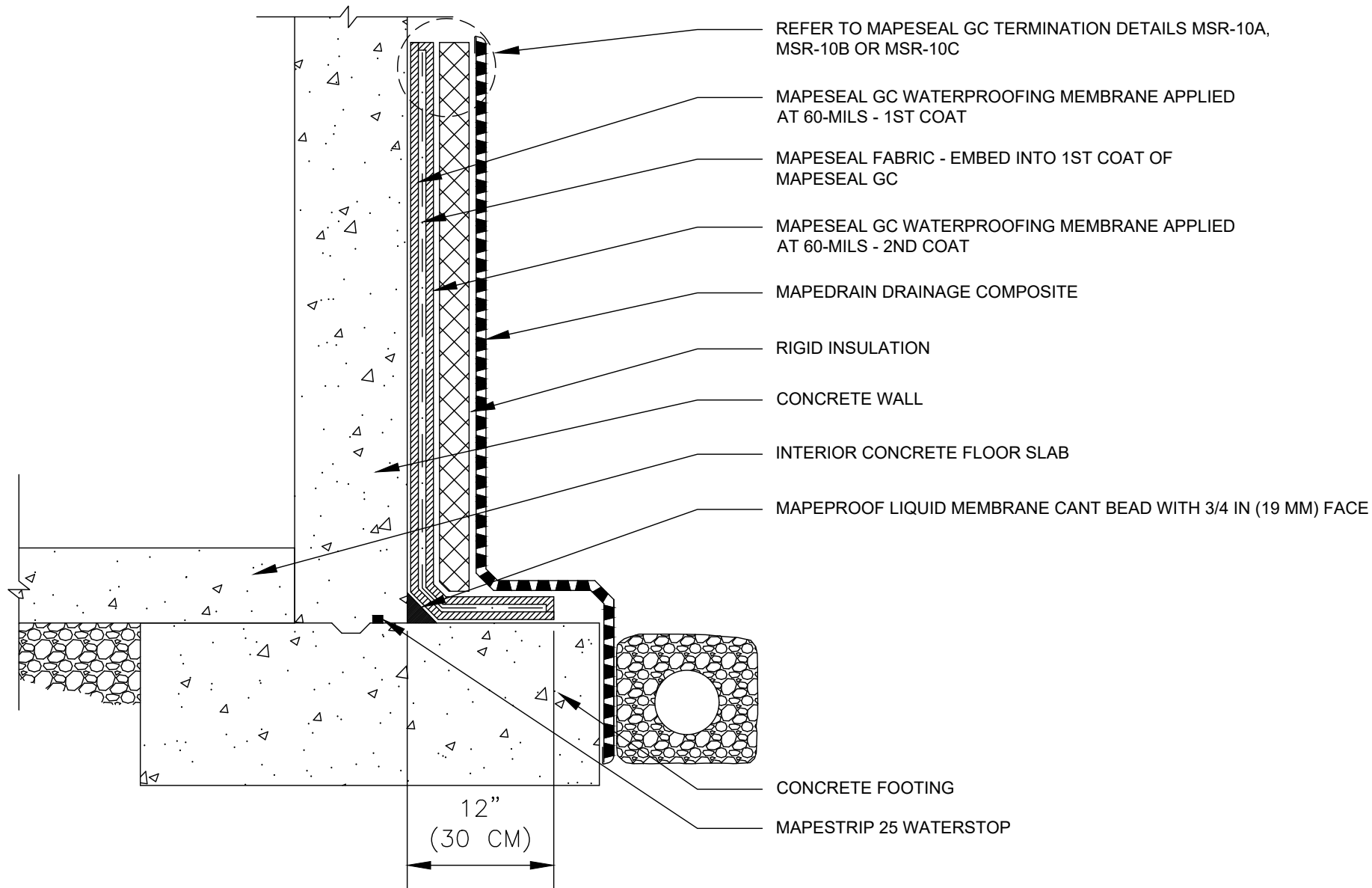
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FOUNDATION WALL FLOOR SLAB AT FOOTING LEVEL WITH INSULATION

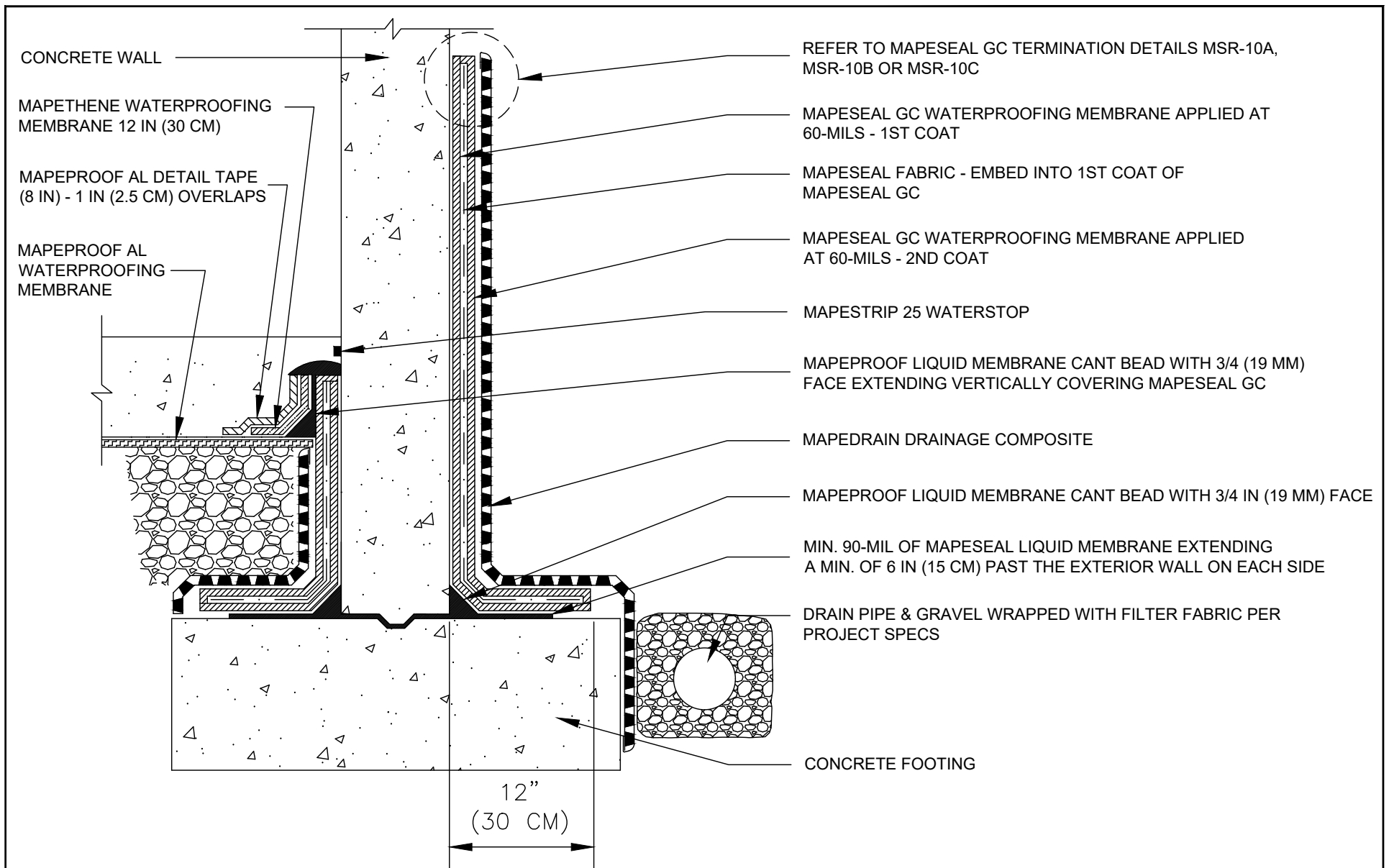
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FOUNDATION WALL ELEVATED FLOOR SLAB HYDROSTATIC - OPTION 1

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MAPEPROOF LIQUID MEMBRANE
TERMINATION

MAPETHENE WATERPROOFING
MEMBRANE 6 IN (15 CM) STRIP

MAPEPROOF AL DETAIL
TAPE (8 IN)

MAPEPROOF AL
WATERPROOFING MEMBRANE

REFER TO MAPESEAL GC TERMINATION
DETAILS MSR-10A, MSR-10B OR MSR-10C

MAPESEAL GC WATERPROOFING MEMBRANE
APPLIED AT 60-MILS - 1ST COAT

MAPESEAL FABRIC - EMBED INTO 1ST COAT OF
MAPESEAL GC

MAPESEAL GC WATERPROOFING MEMBRANE
APPLIED AT 60-MILS - 2ND COAT

MAPEDRAIN DRAINAGE COMPOSITE

CONCRETE WALL

INTERIOR CONCRETE FLOOR SLAB

MAPEPROOF LIQUID MEMBRANE CANT BEAD
WITH 3/4 IN (19 MM) FACE

MIN. 90-MIL OF MAPEPROOF LIQUID MEMBRANE
EXTENDING A MIN. OF 6 IN (15 CM) PAST THE
EXTERIOR WALL ON EACH SIDE

DRAIN PIPE & GRAVEL WRAPPED WITH FILTER
FABRIC PER PROJECT SPECS

12"
(30 CM)

MAPESTRIP 25 WATERSTOP

CONCRETE FOOTING



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FOUNDATION WALL FLOOR SLAB AT FOOTING LEVEL HYDROSTATIC - OPTION 2

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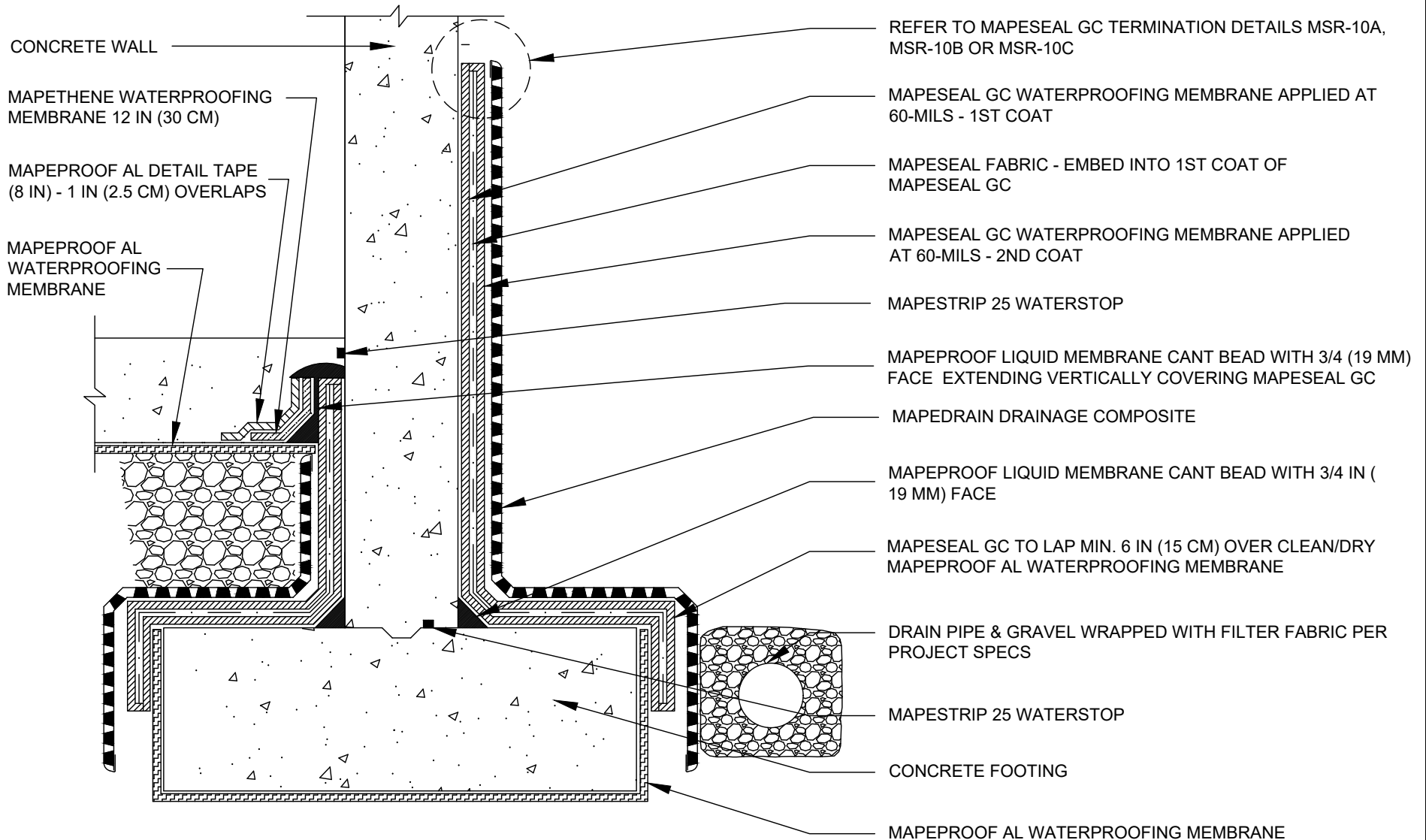
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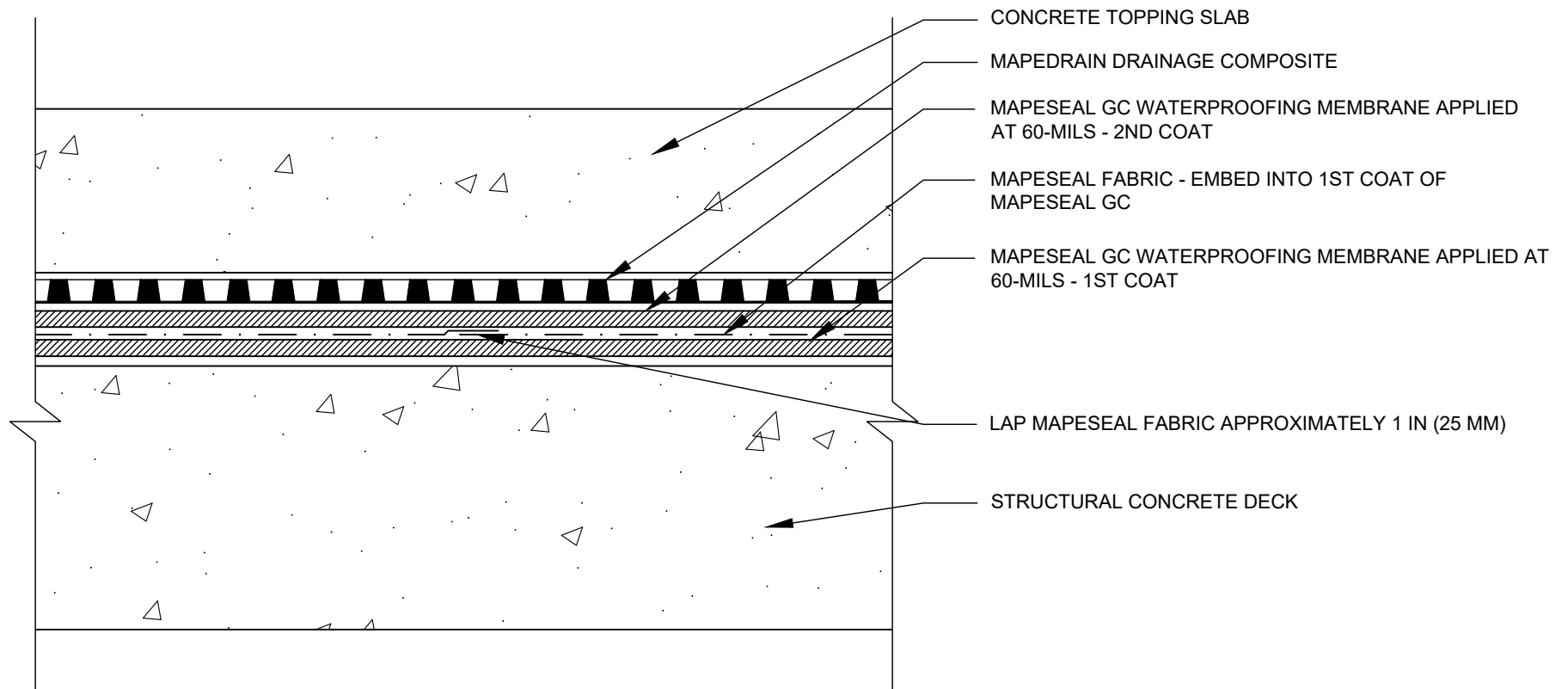
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FOUNDATION WALL ELEVATED FLOOR SLAB HYDROSTATIC - OPTION 2

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SPLIT SLAB PLAZA DECK

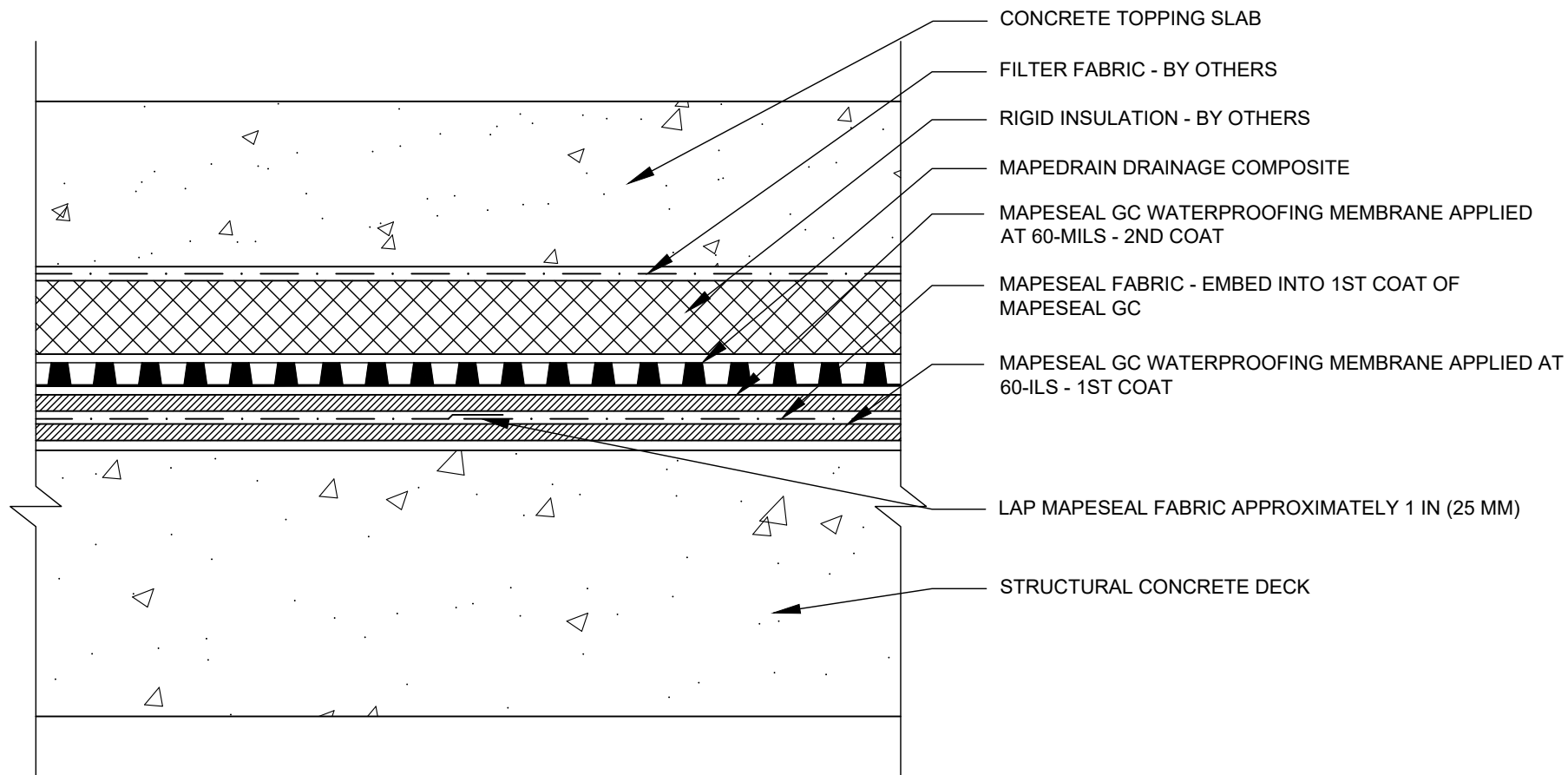
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INSULATED SPLIT SLAB PLAZA DECK

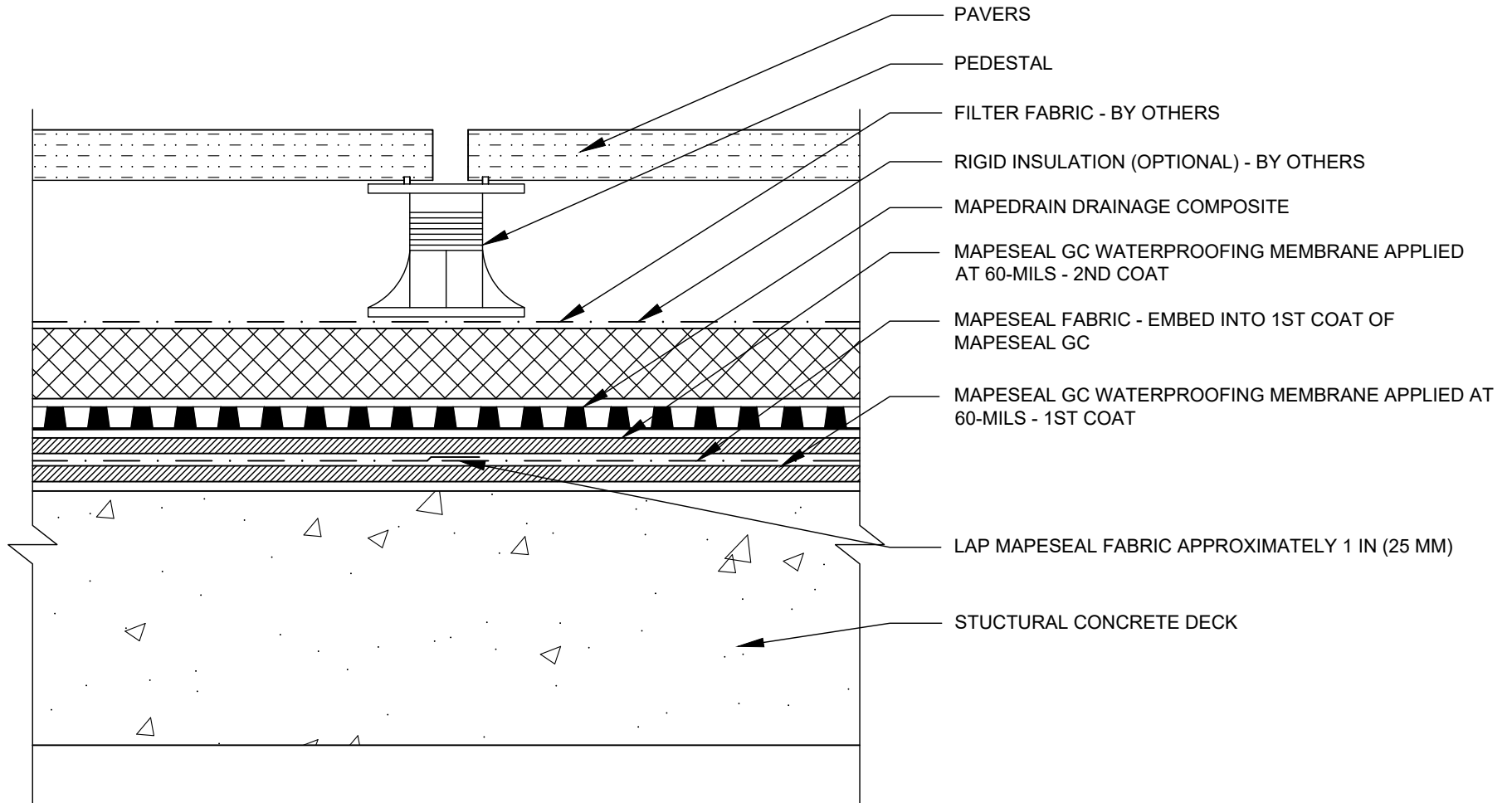
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PAVER & PEDESTAL PLAZA DECK

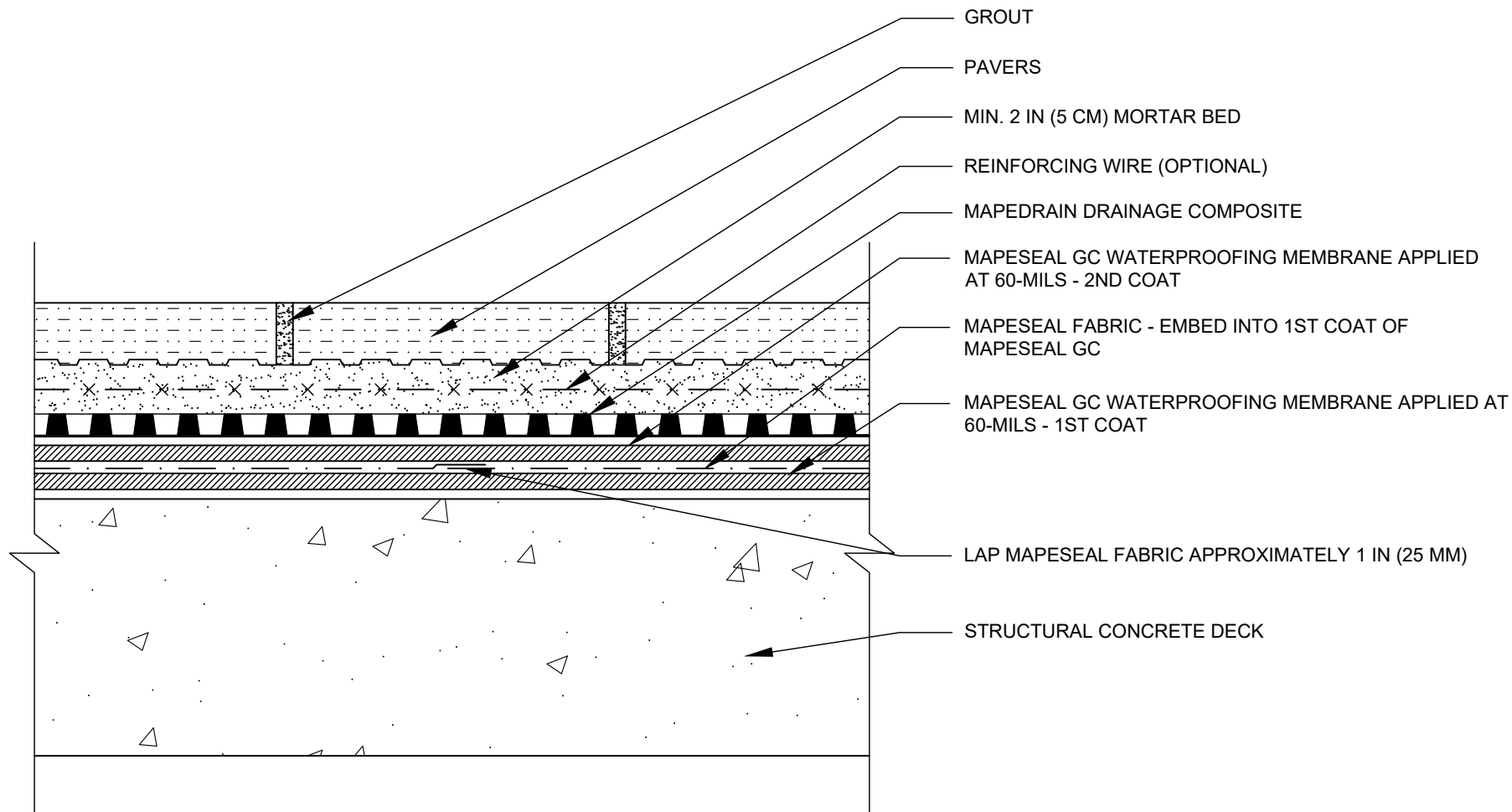
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PAVER & MORTAR BED PLAZA DECK

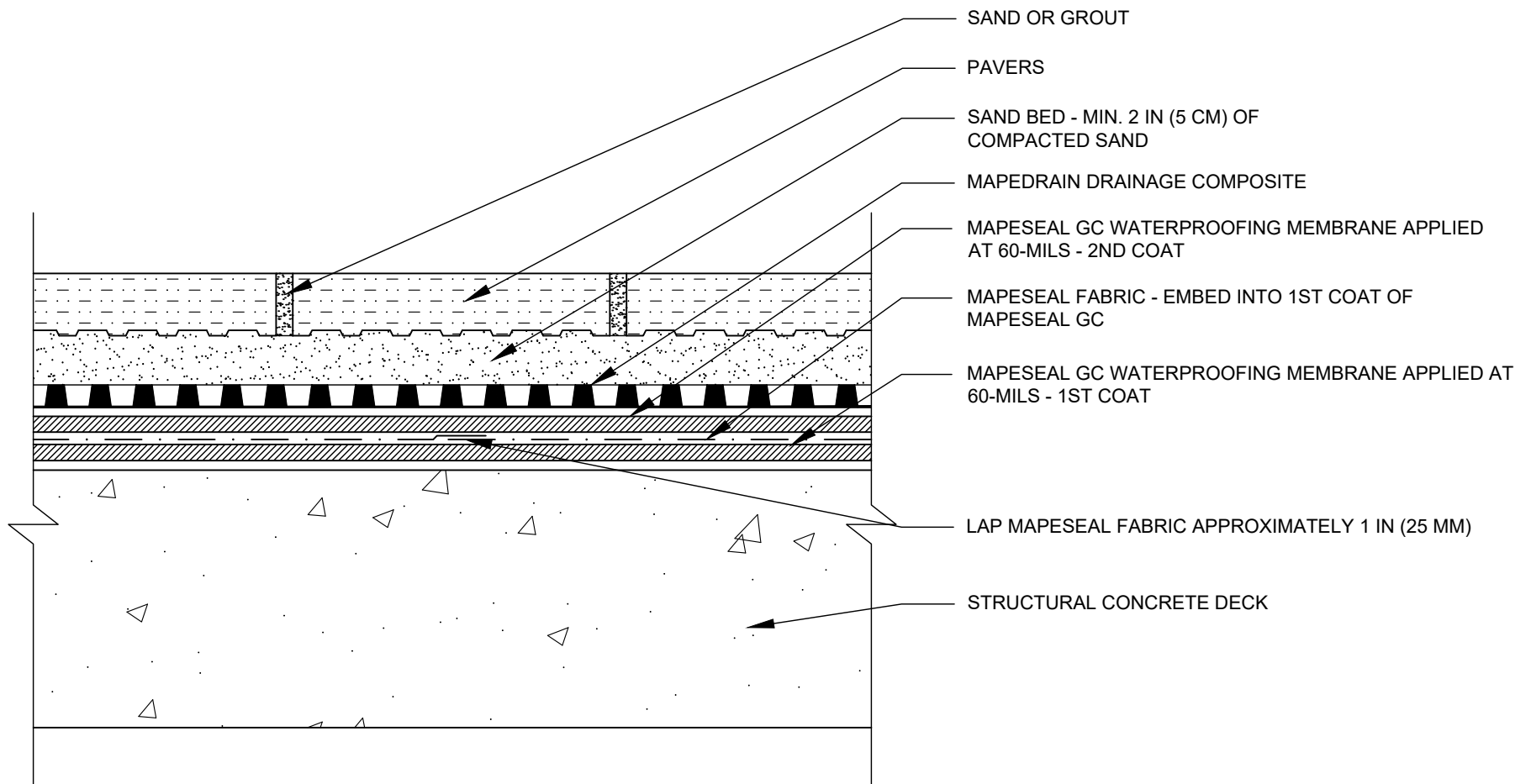
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PAVER & SAND BED PLAZA DECK

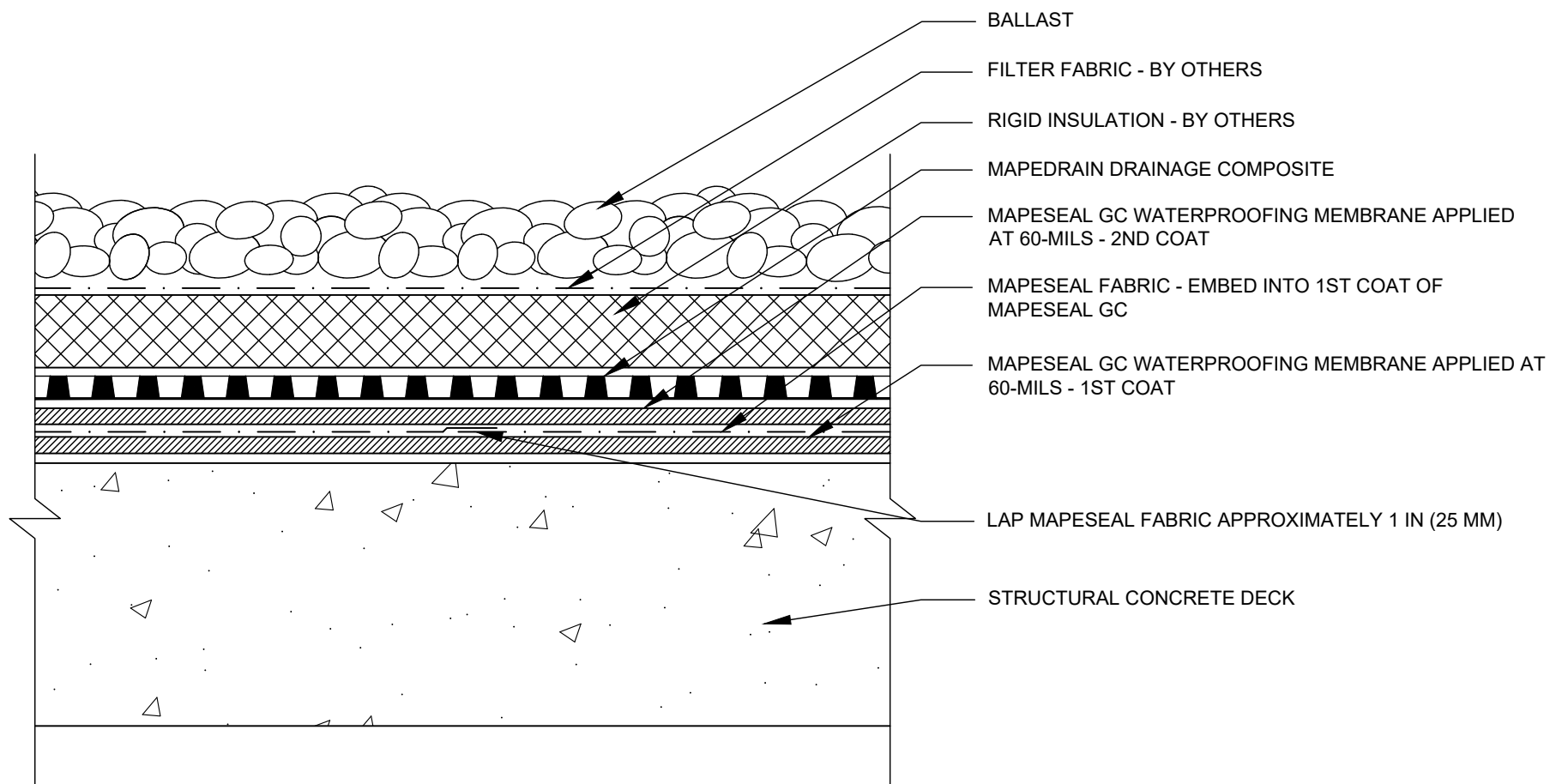
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BALLAST & INSULATION ROOF DECK

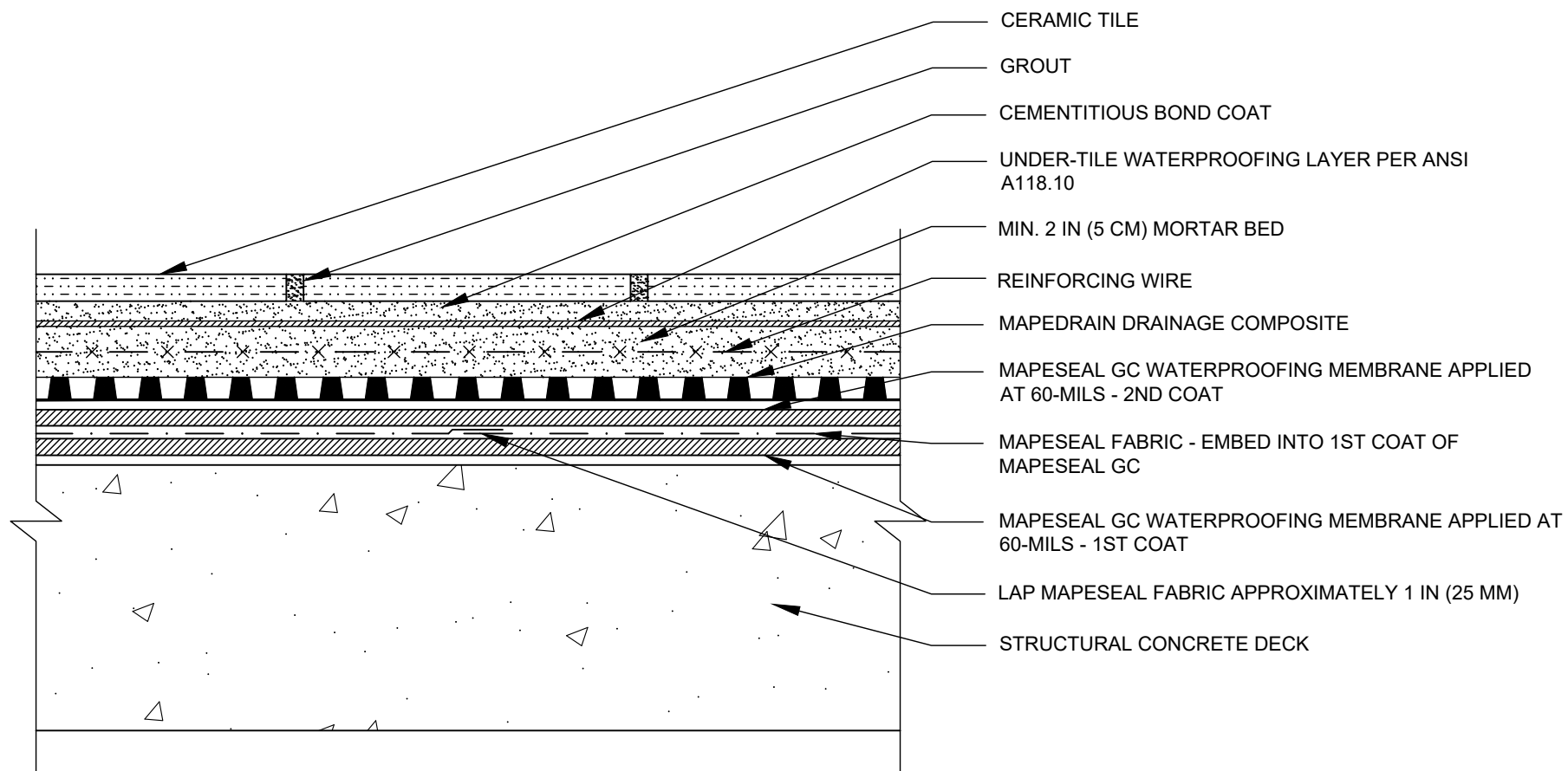
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TILE & MORTAR BED DECK OR BALCONY

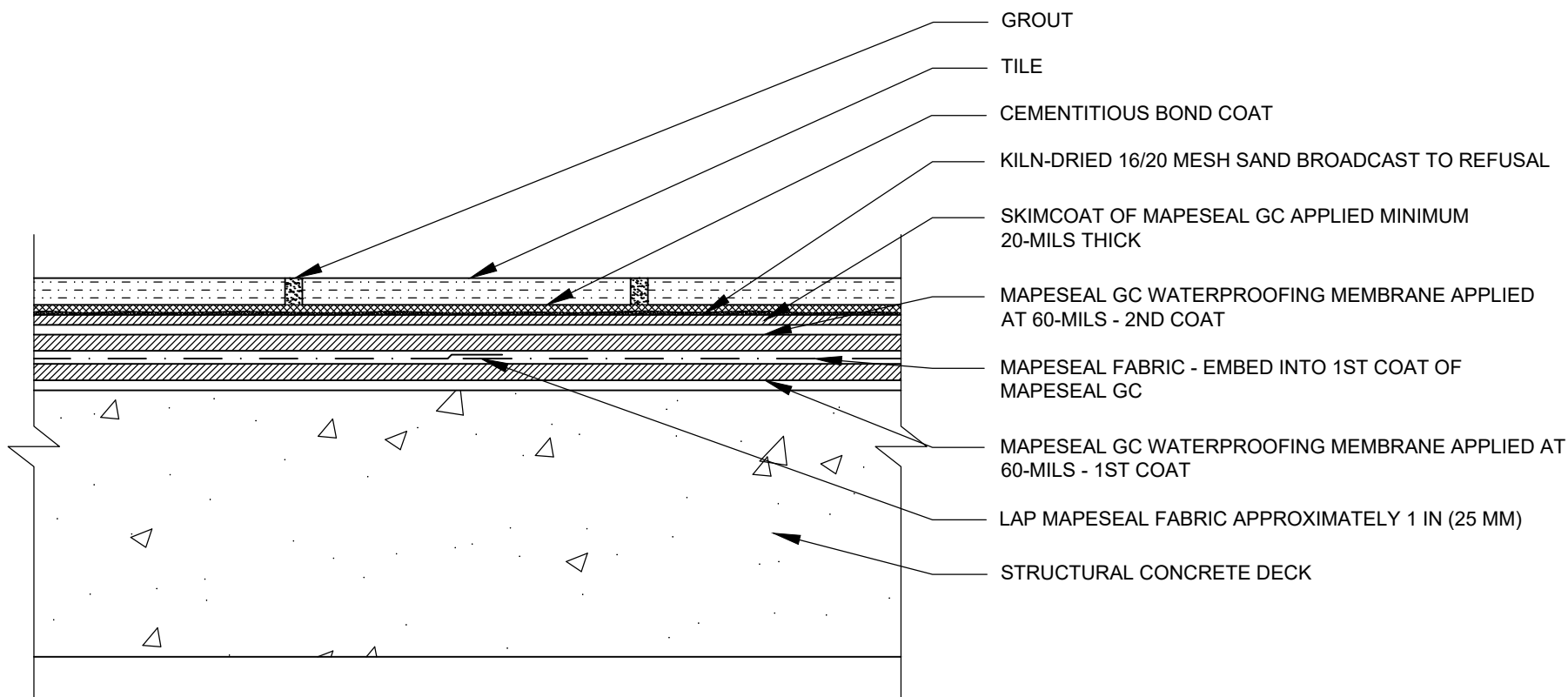
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NOTES:

1. ALLOW THE 120-MIL REINFORCED APPLICATION OF MAPESEAL GC TO CURE FOR A MINIMUM OF 24-HOURS.
2. ENSURE 120-MIL REINFORCED MAPESEAL GC IS CLEAN BEFORE APPLYING SKIMCOAT.
3. APPLY A MINIMUM 20-MIL SKIMCOAT OF MAPESEAL GC AND IMMEDIATELY BROADCAST A KILN-DRIED 16/20 MESH SAND TO REFUSAL WHILE THE SKIMCOAT IS WET.
4. ALLOW THE SKIMCOAT OF MAPESEAL GC TO CURE FOR A MINIMUM OF 24-HOURS.
5. APPLY CEMENTITIOUS BOND COAT TO SAND BROADCAST AND SET TILE.
6. MATERIAL ONLY WARRANTY



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DIRECT THIN-SET TILE OVER 120-MIL REINFORCED MAPESEAL GC

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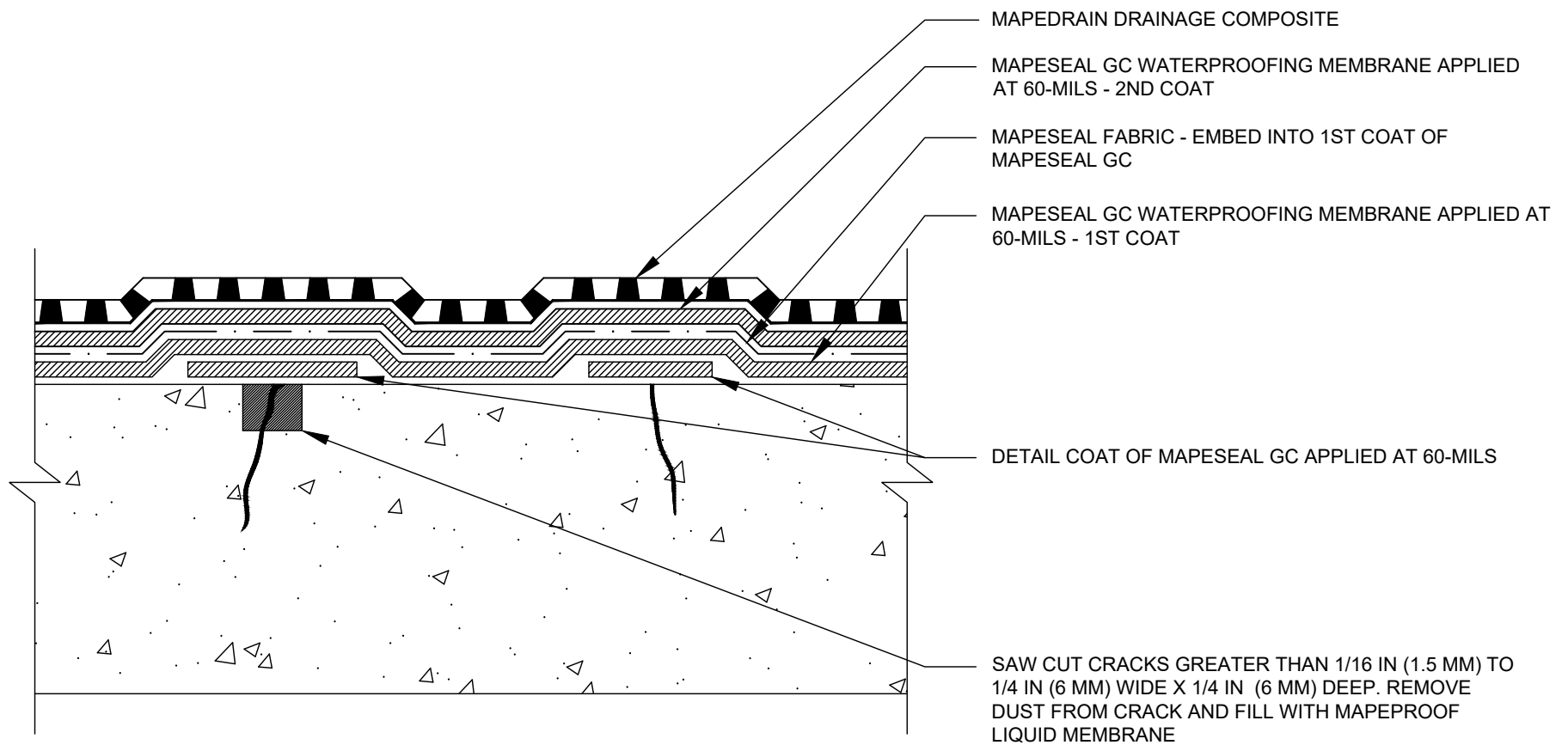
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CRACK GREATER THAN
1/16 IN (1.5 MM) WIDE

CRACK LESS THAN
1/16 IN (1.5 MM) WIDE



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WALL/DECK NON-MOVING NON-STRUCTURAL CRACK TREATMENT

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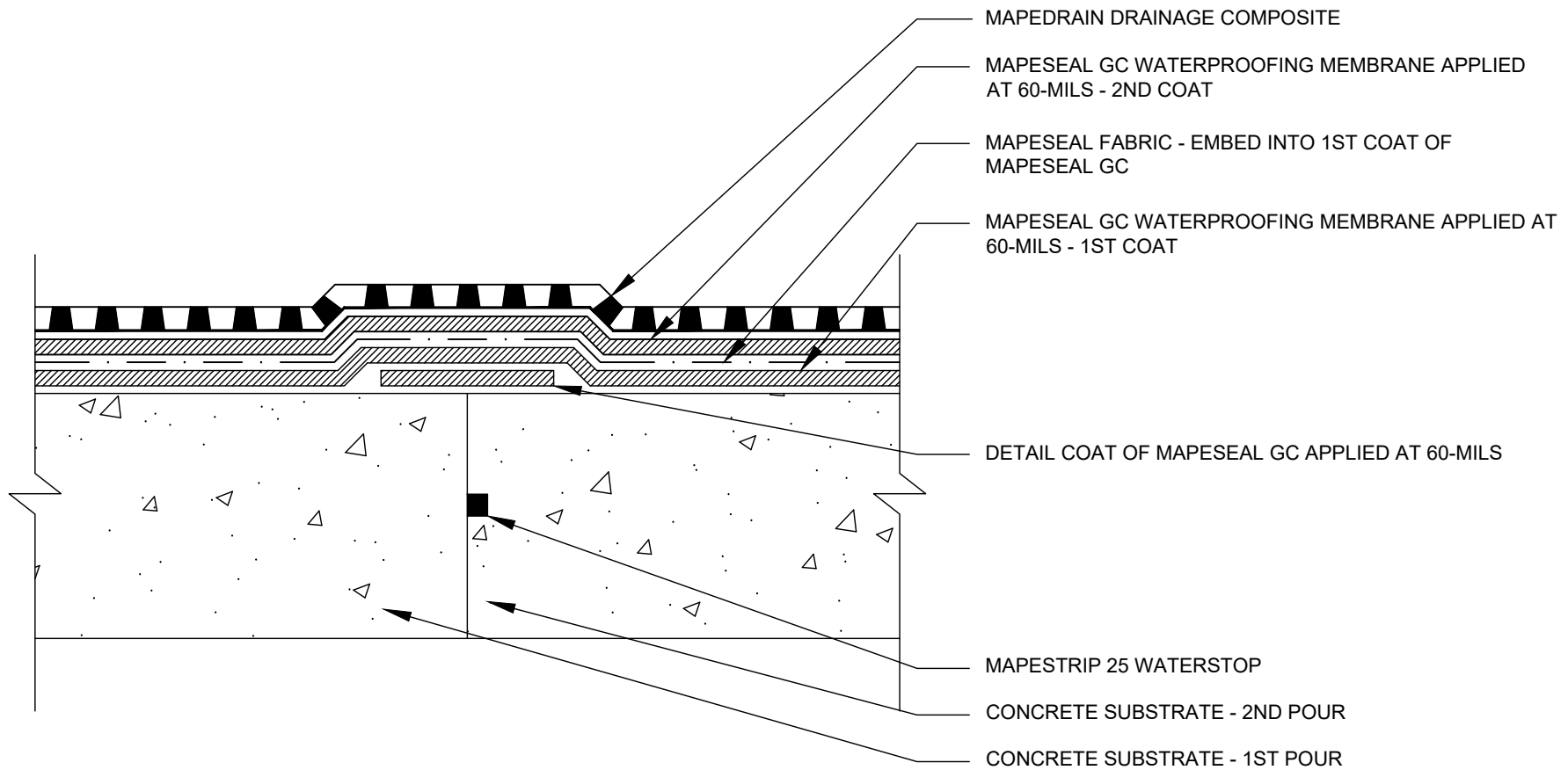
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WALL/DECK CONCRETE CONTROL JOINT

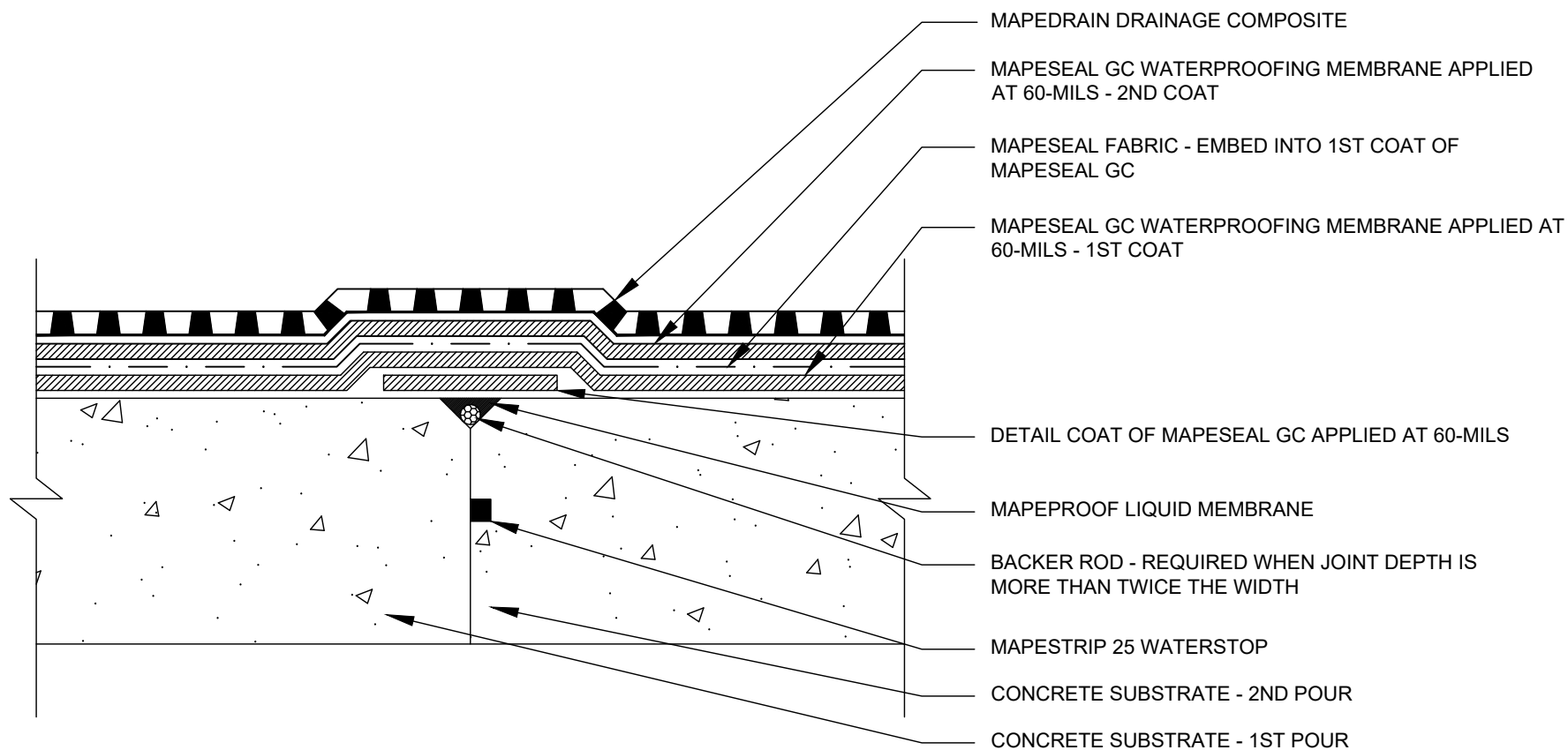
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WALL CONTROL "V" JOINT

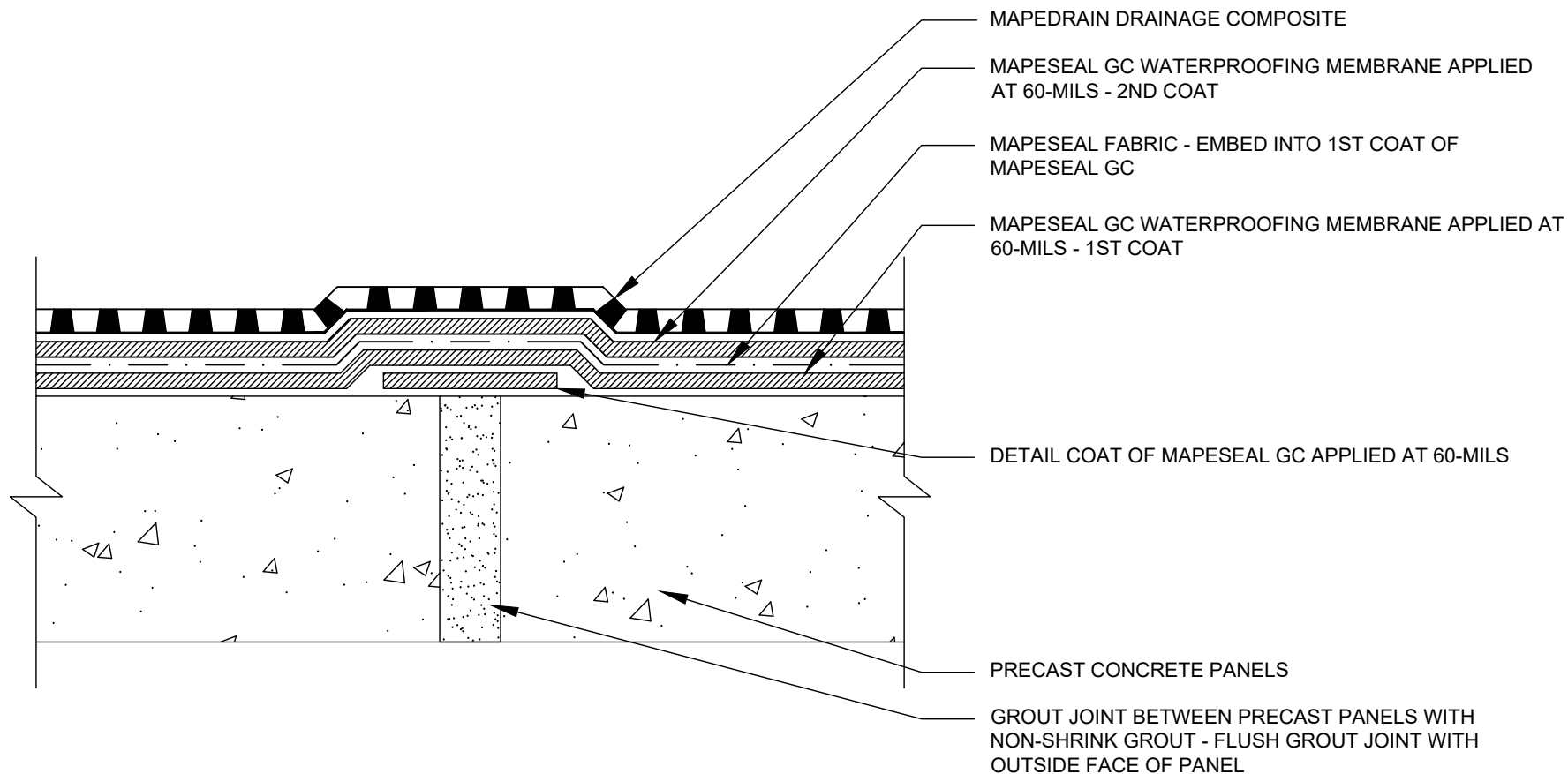
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WALL/DECK NON-MOVING GROUTED PRECAST JOINT

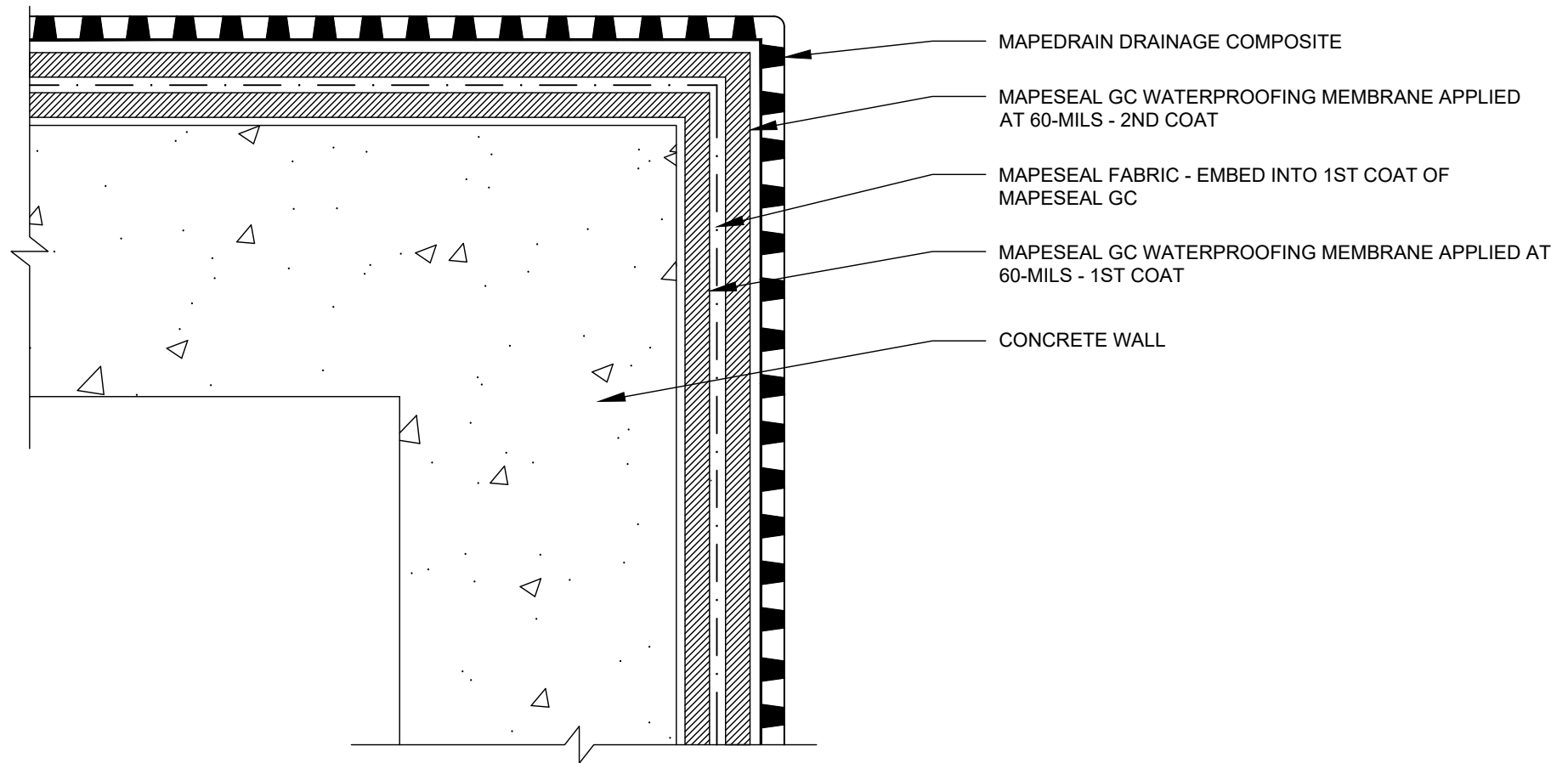
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PLAN VIEW



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WALL OUTSIDE CORNER DETAIL

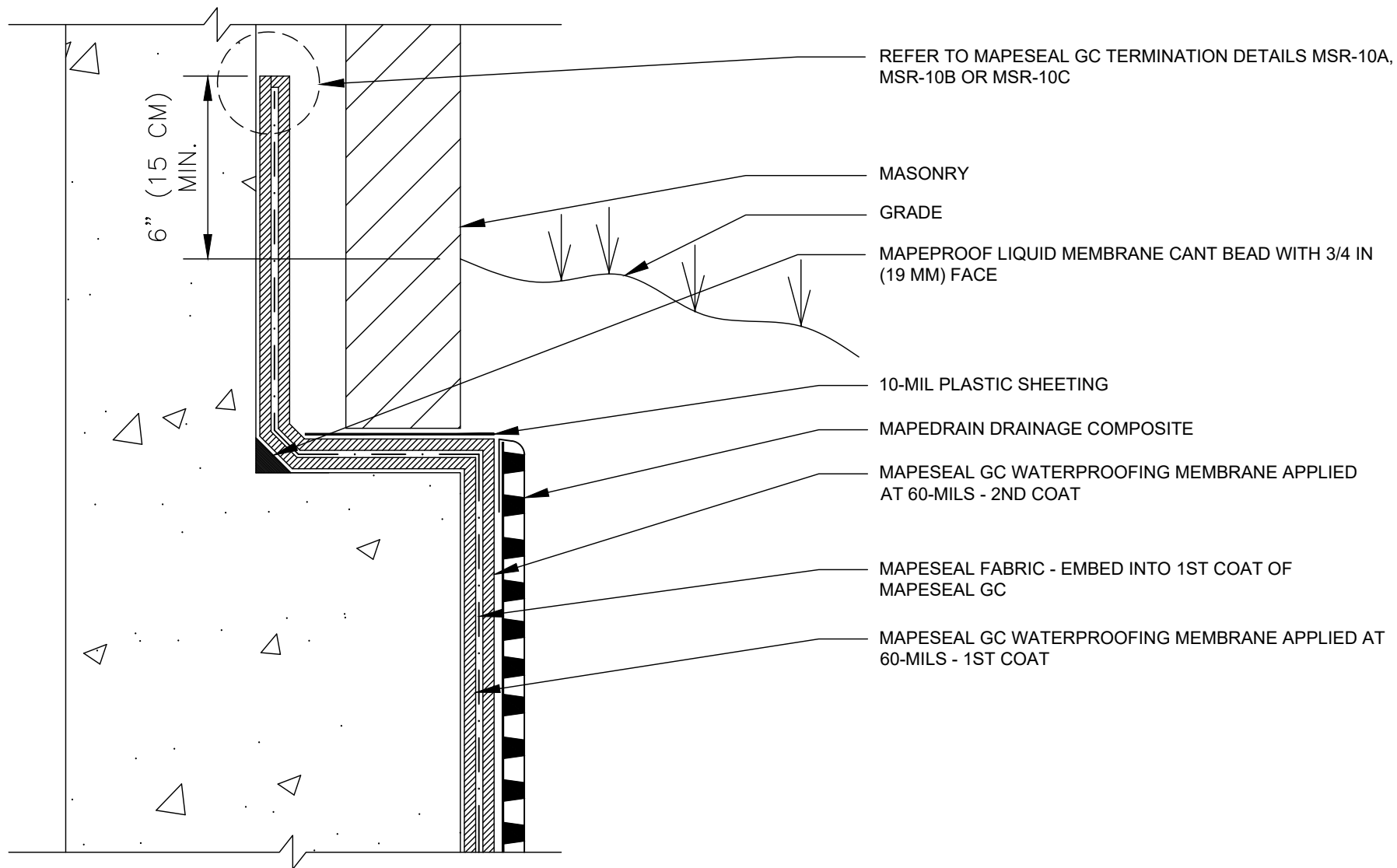
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BRICK LEDGE

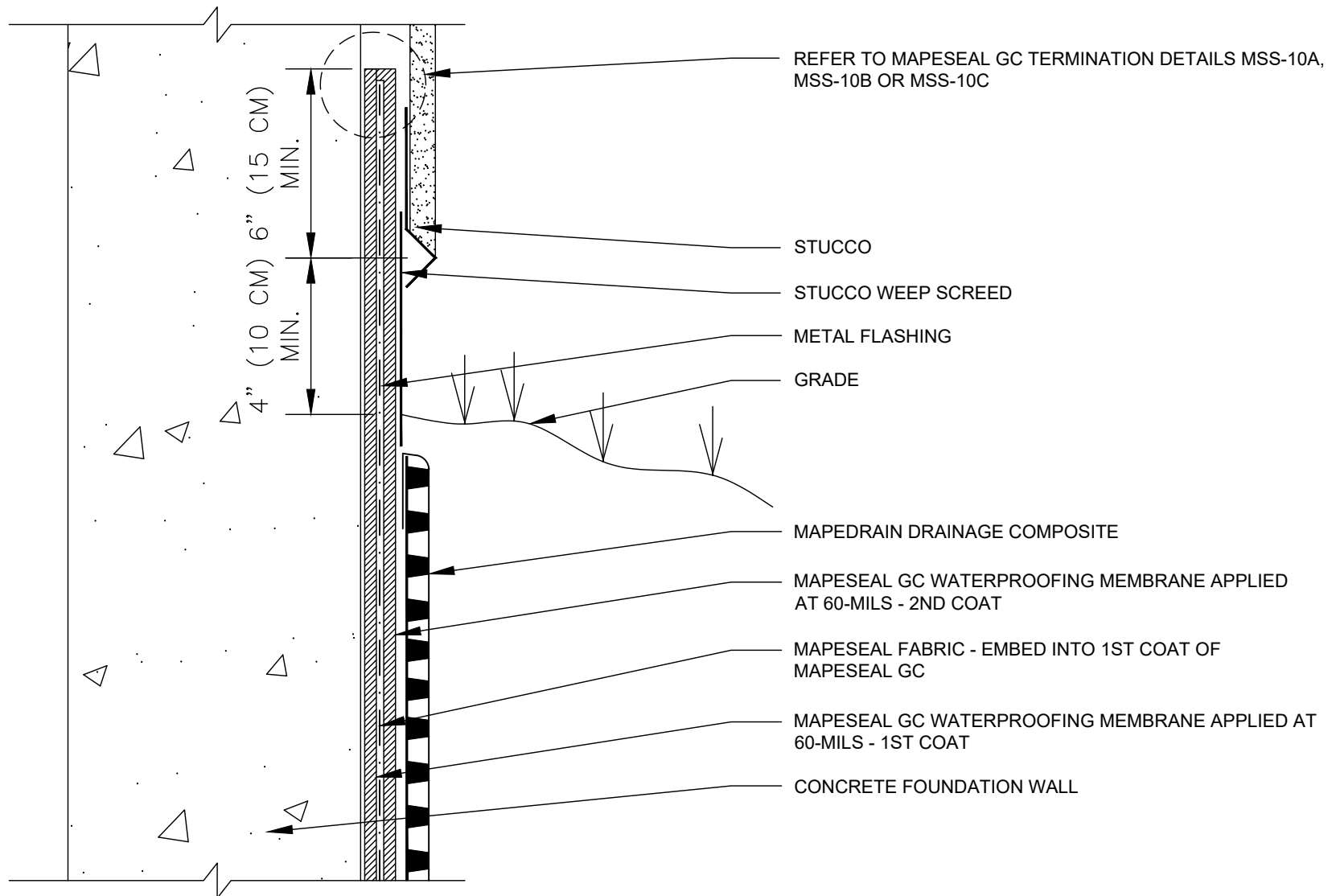
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STUCCO WEEP SCREED

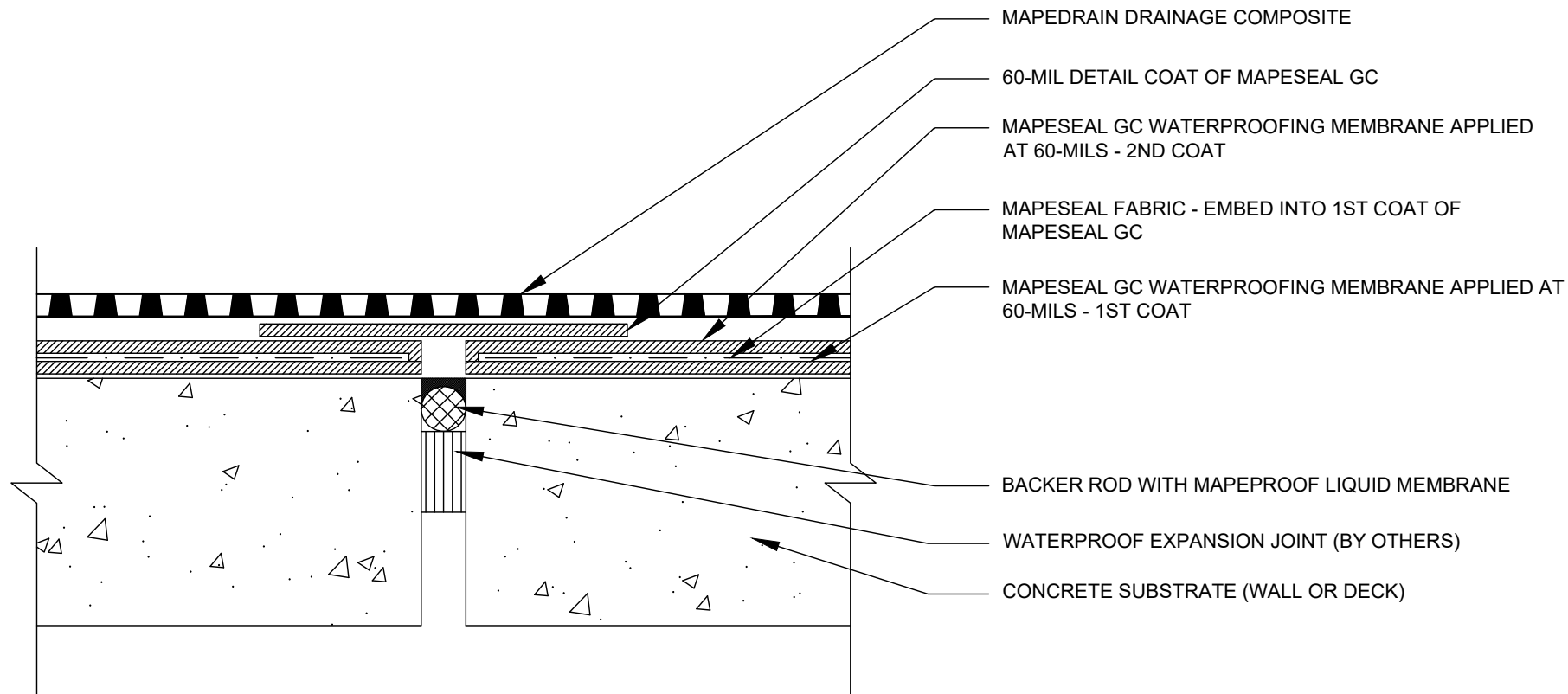
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WALL/DECK 1 IN (2.5 CM) OR LESS EXPANSION JOINT

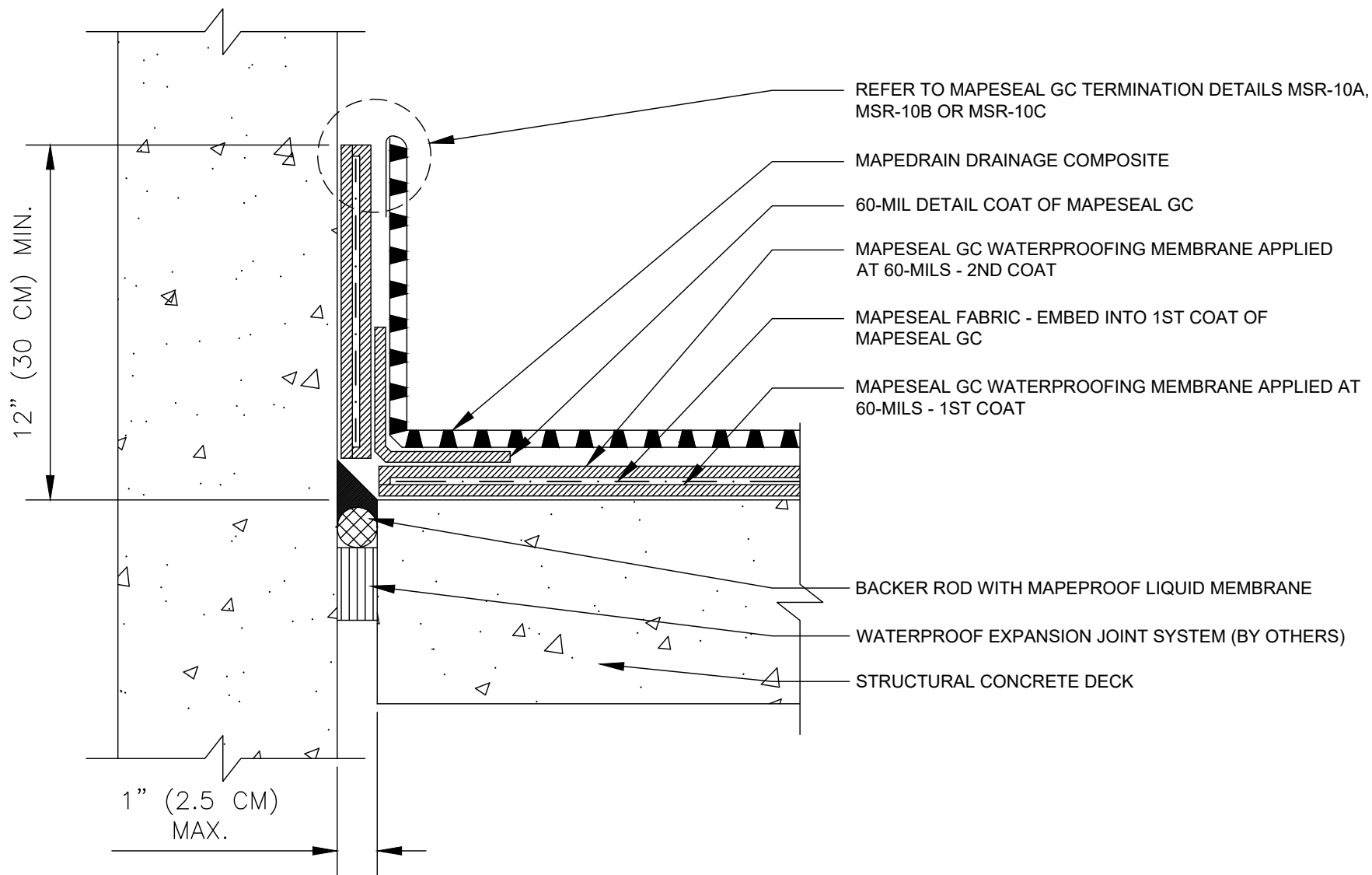
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WALL TO DECK 1 IN (2.5 CM) OR LESS EXPANSION JOINT

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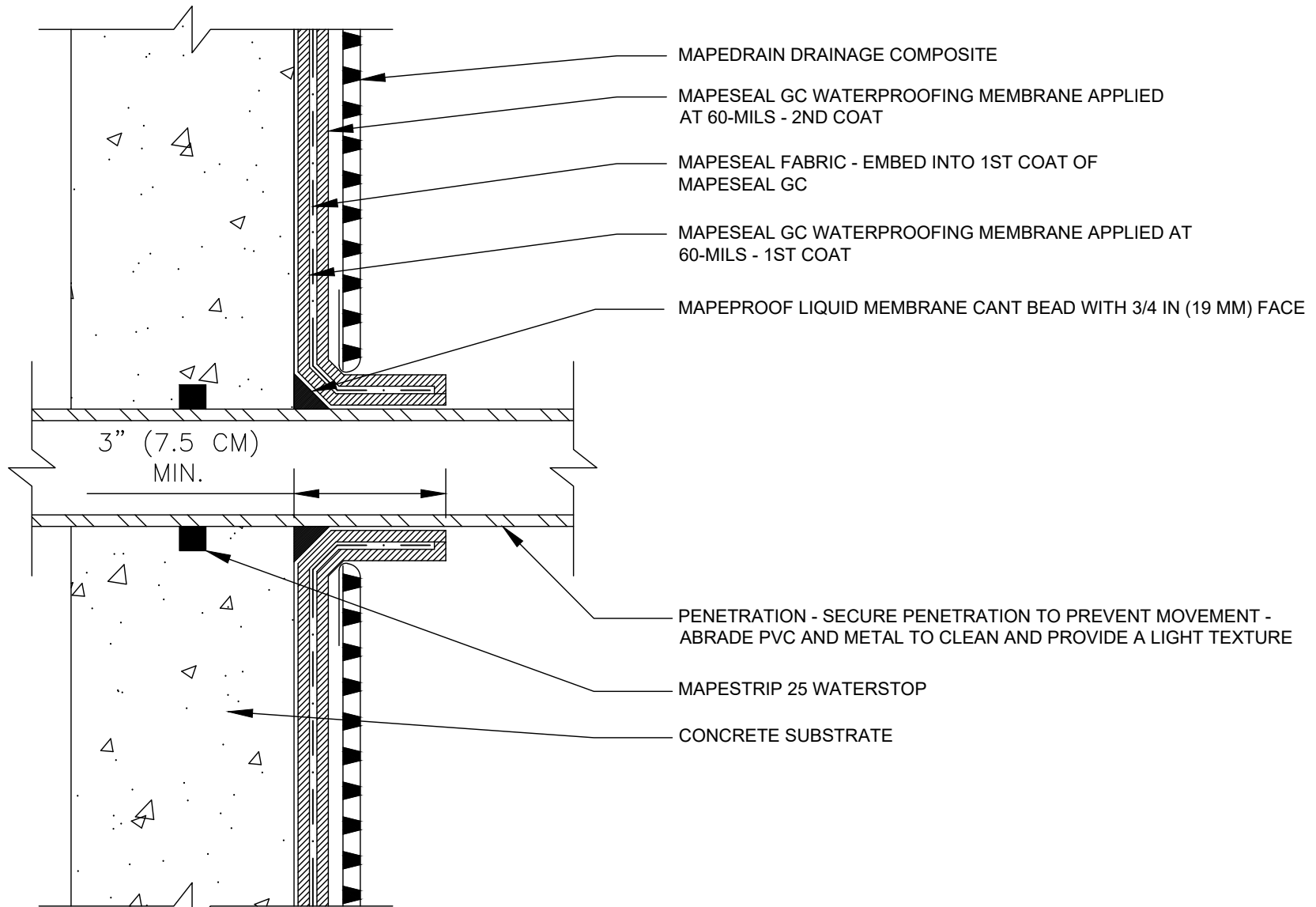
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WALL PENETRATION

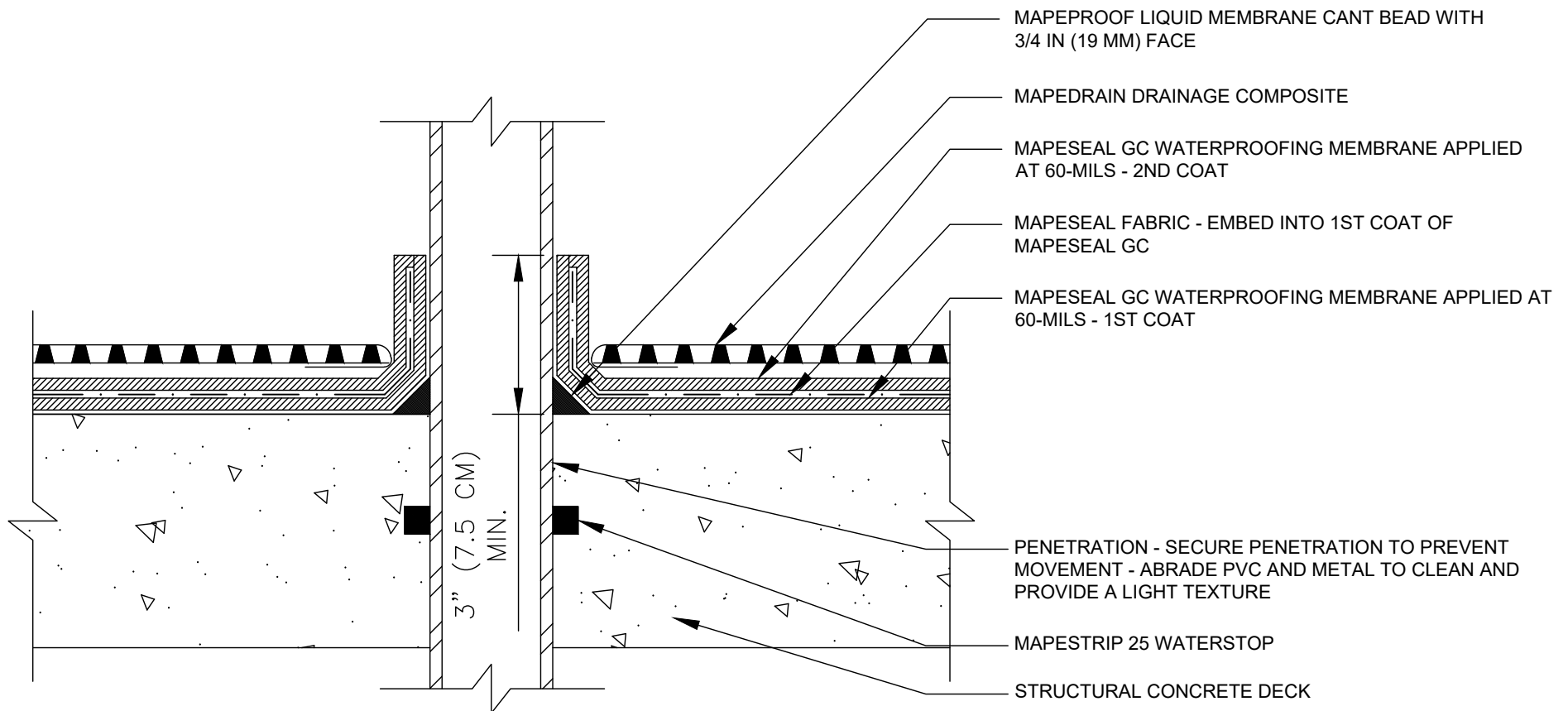
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DECK PENETRATION

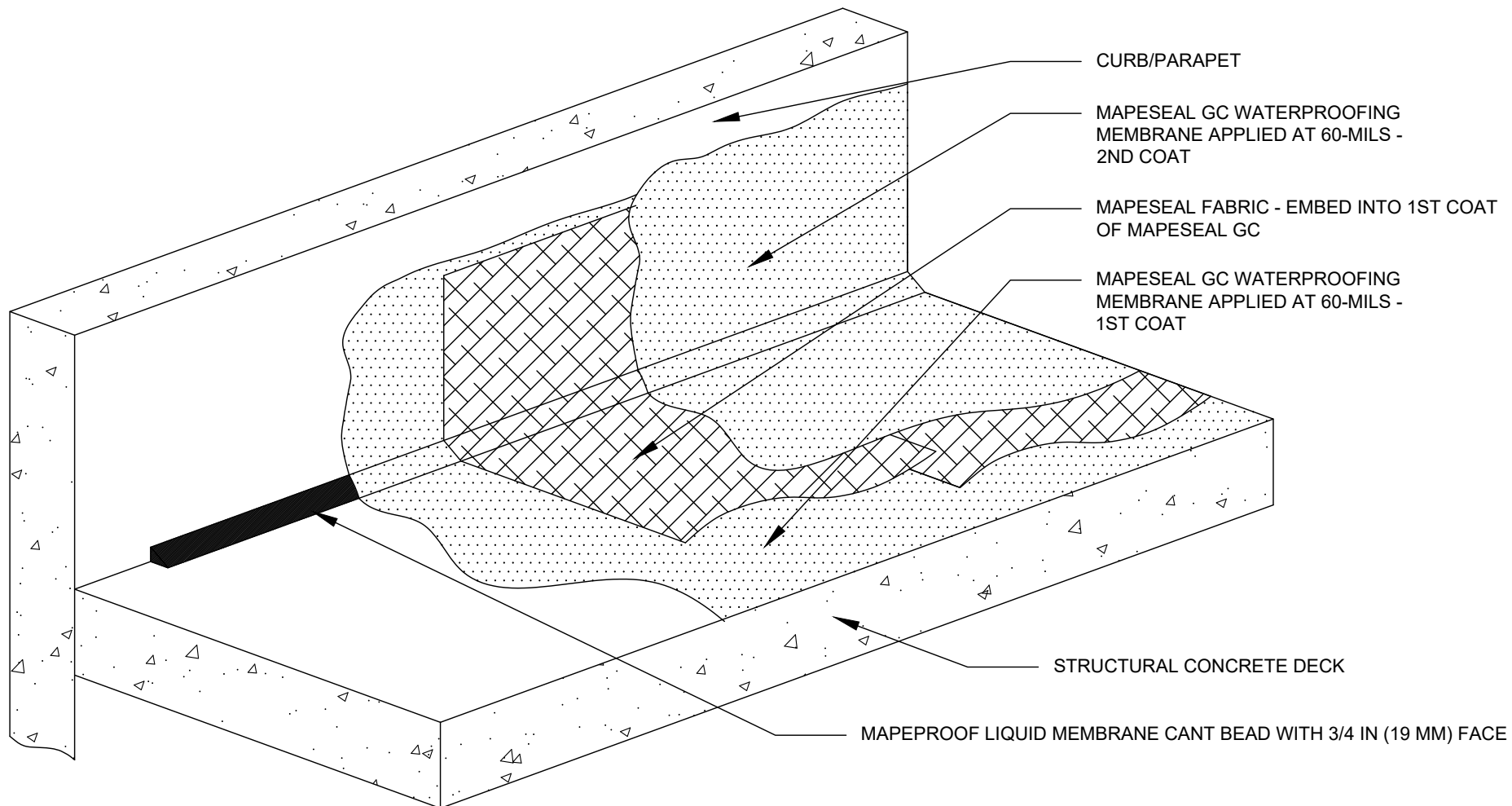
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FLASHING AT DECK TO CURB/PARAPET - ISOMETRIC

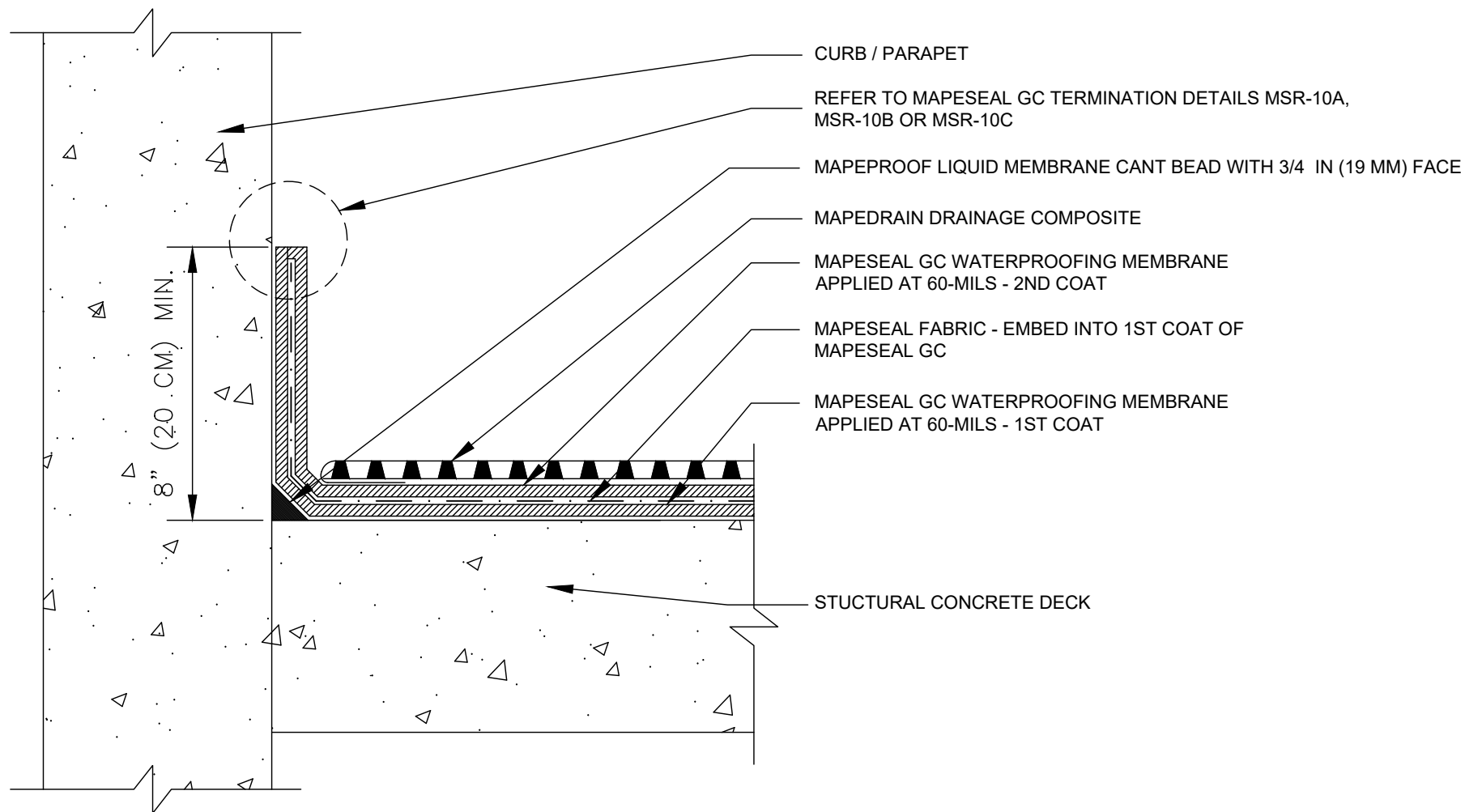
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FLASHING AT DECK TO CURB/PARAPET - SECTION VIEW

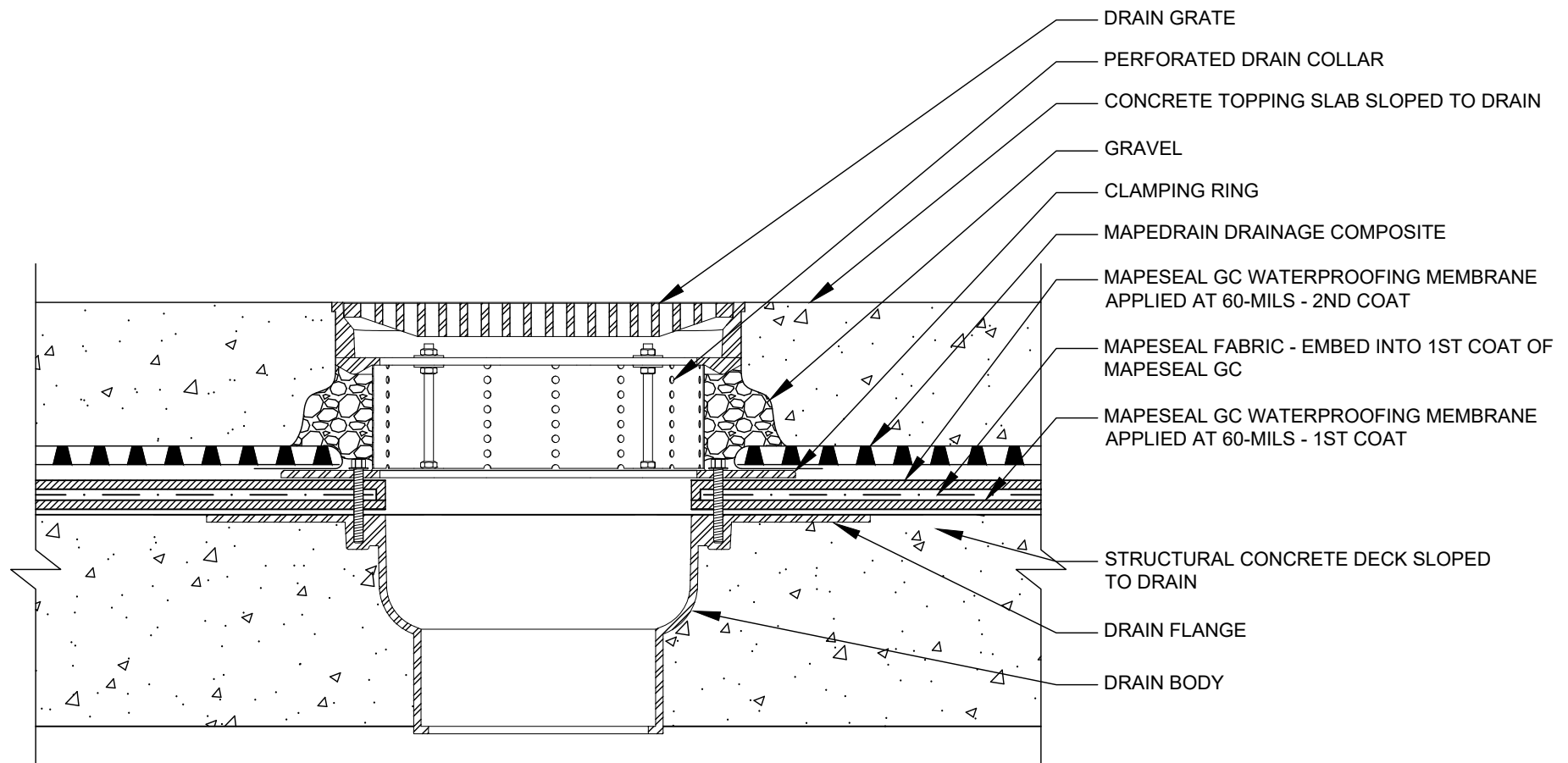
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PLAZA DECK DRAIN

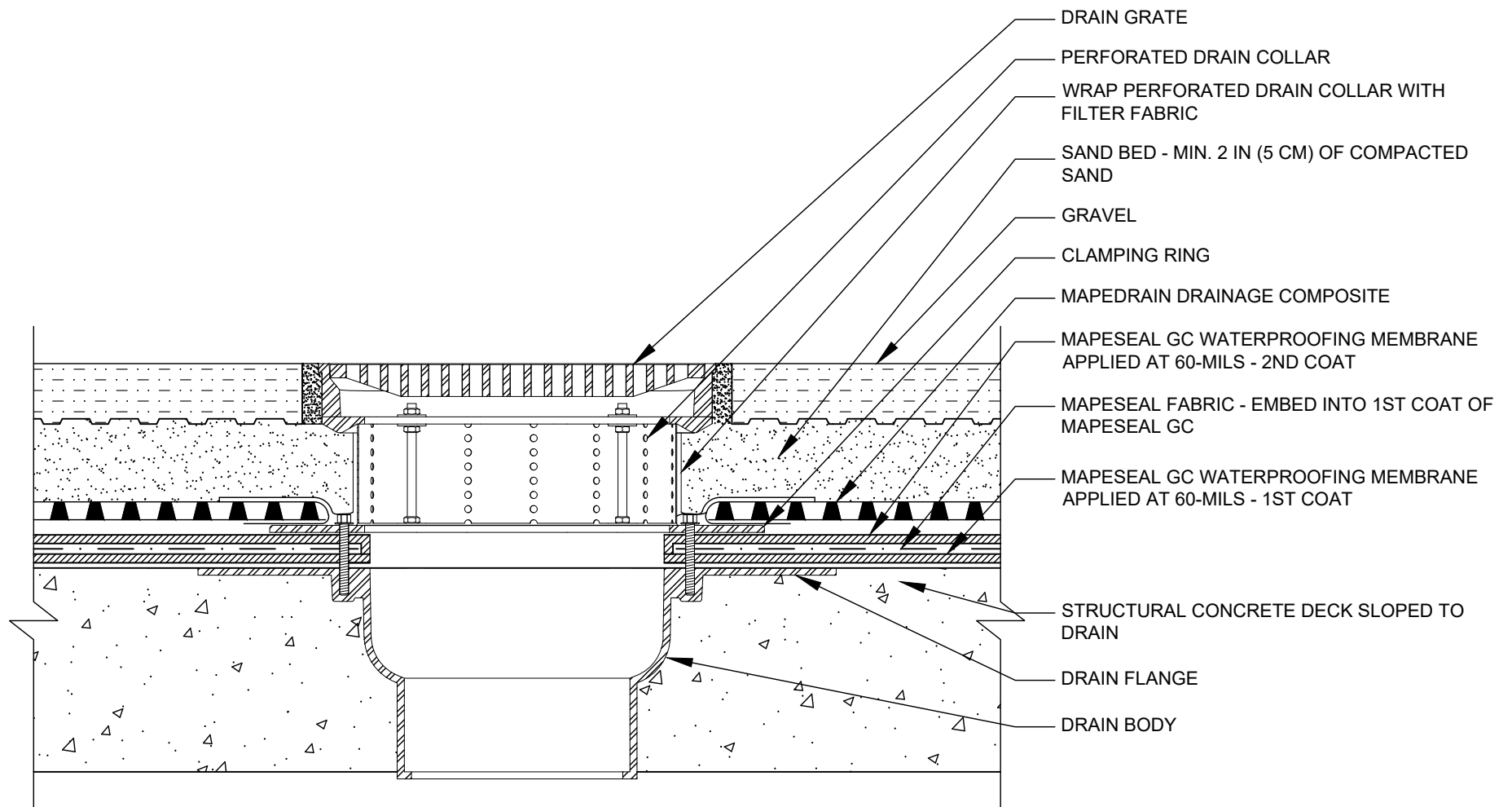
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PLAZA DECK DRAIN WITH SAND-SET PAVERS

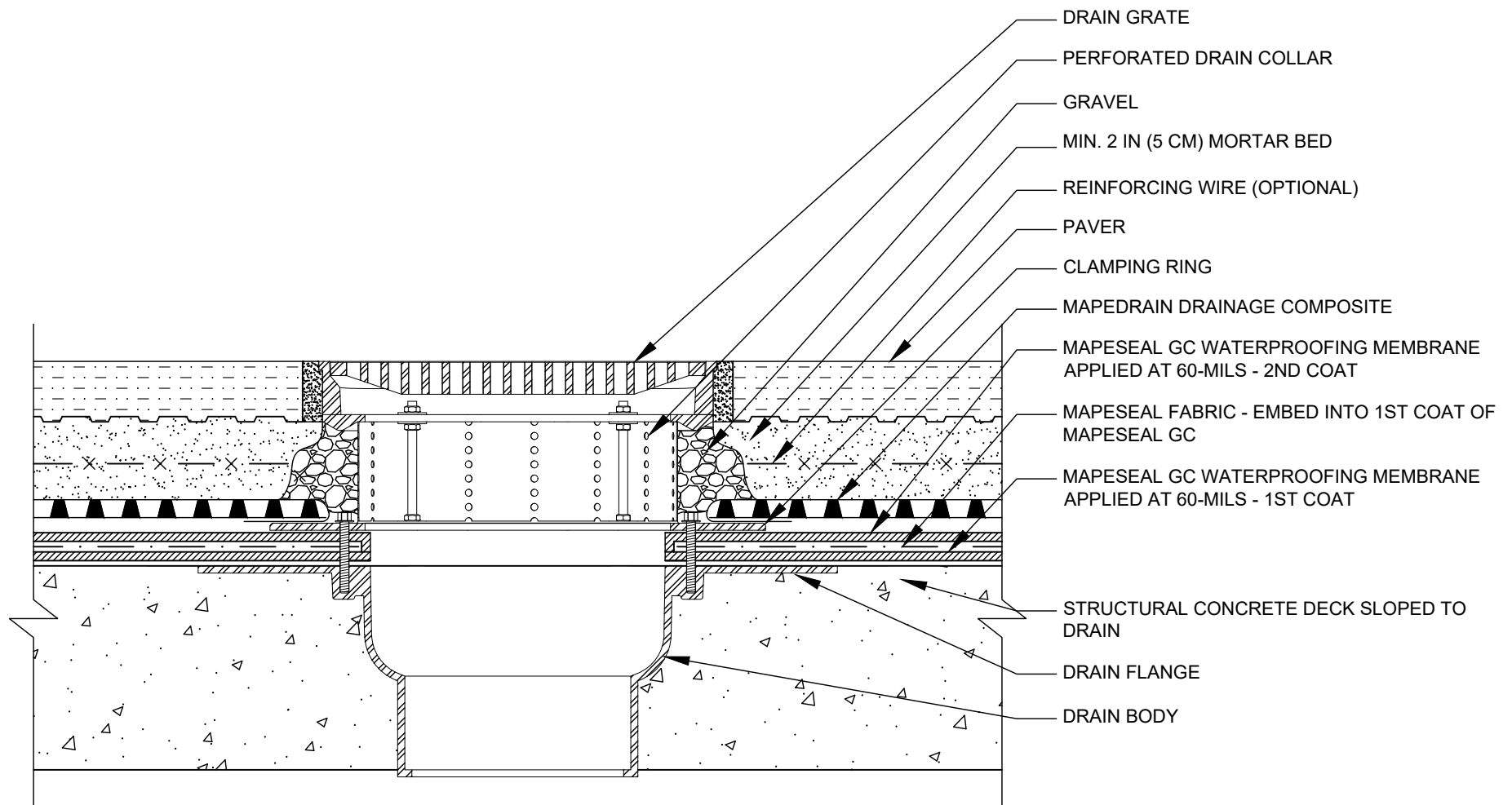
DETAIL IS INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY.

SUPERCEDES:
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DATE:
02/01/2022

SCALE:
NOT TO SCALE

DRAWING #:
MSR-9B



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PLAZA DECK DRAIN WITH PAVERS & MORTAR BED

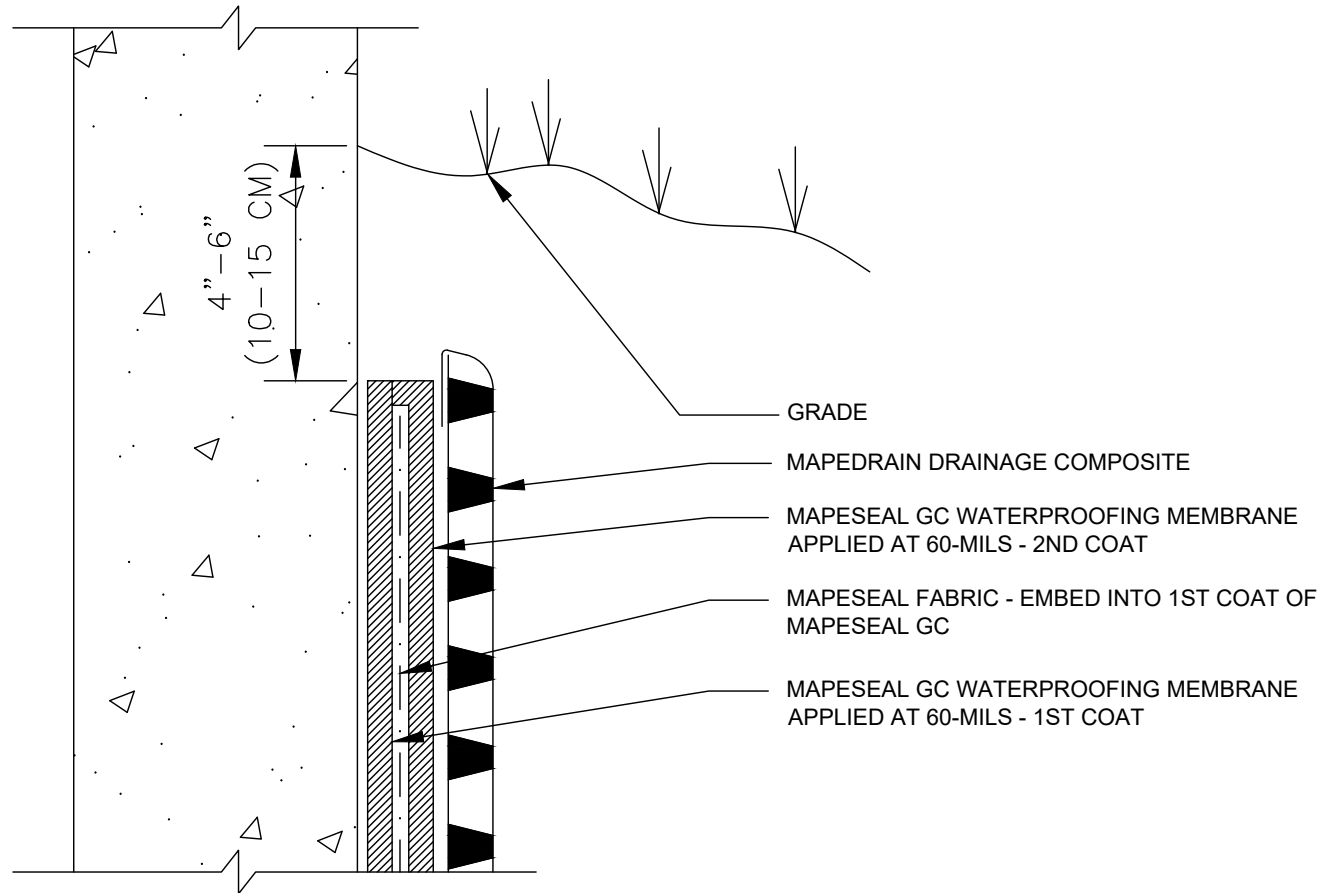
DETAIL IS INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY.

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NOTES:

1. TERMINATE MAPESAL GC WATERPROOFING AND MAPEDRAIN DRAINAGE COMPOSITE APPROXIMATELY 4-6 IN (10-15 CM) BELOW FINAL GRADE.
2. IF MAPESAL GC WATERPROOFING EXTENDS ABOVE FINAL GRADE, IT MUST BE PROTECTED WITH METAL COUNTER FLASHING. SEE DETAIL MSR-10C.



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VERTICAL TERMINATION

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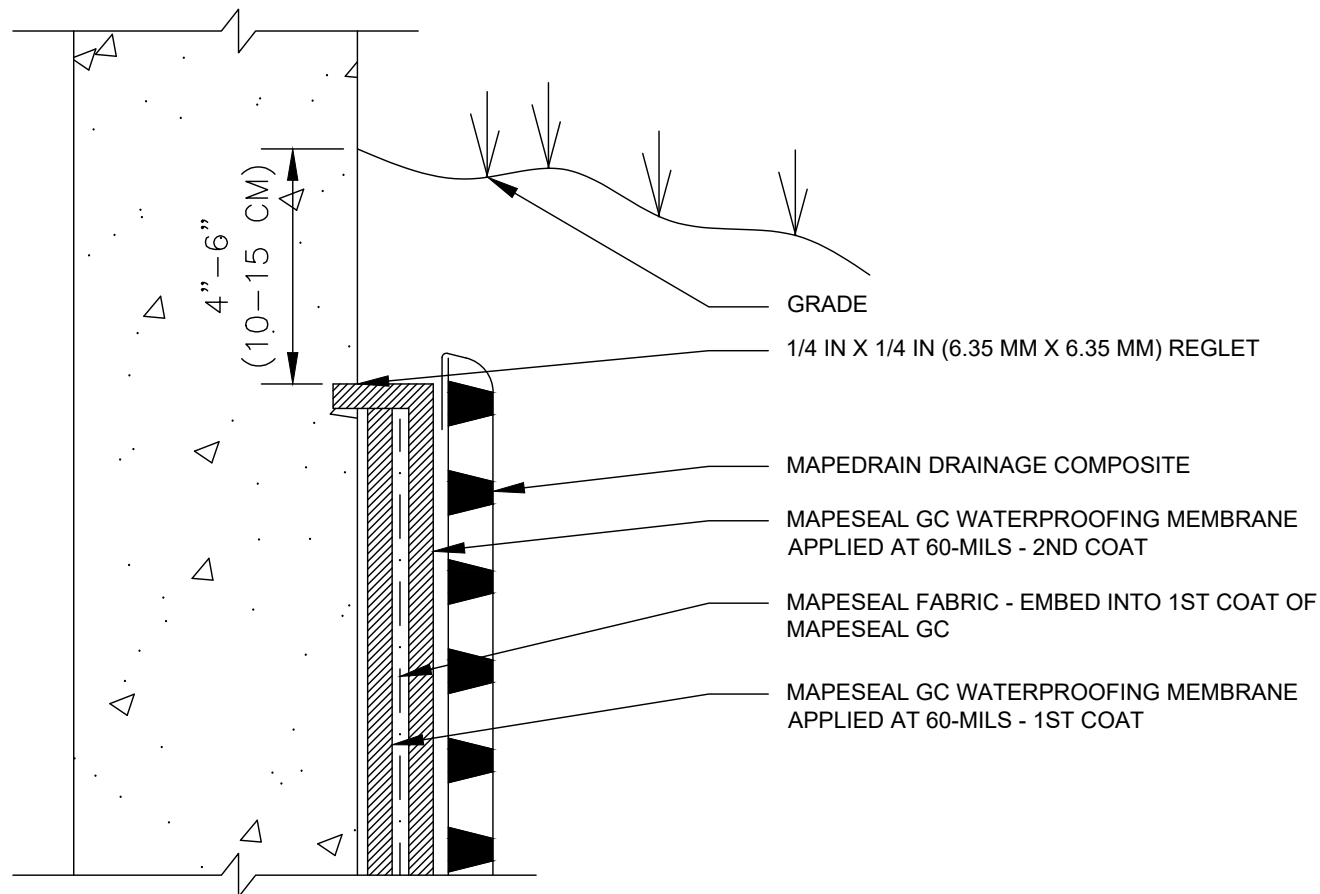
02/01/2022

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NOTES:

1. TERMINATE MAPESEAL GC WATERPROOFING AND MAPEDRAIN DRAINAGE COMPOSITE APPROXIMATELY 4-6 IN (10-15 CM) BELOW FINAL GRADE.
2. IF MAPESEAL GC WATERPROOFING EXTENDS ABOVE FINAL GRADE, IT MUST BE PROTECTED WITH METAL COUNTER FLASHING. SEE DETAIL MSR-10C.



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VERTICAL TERMINATION WITH REGLET

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DATE:

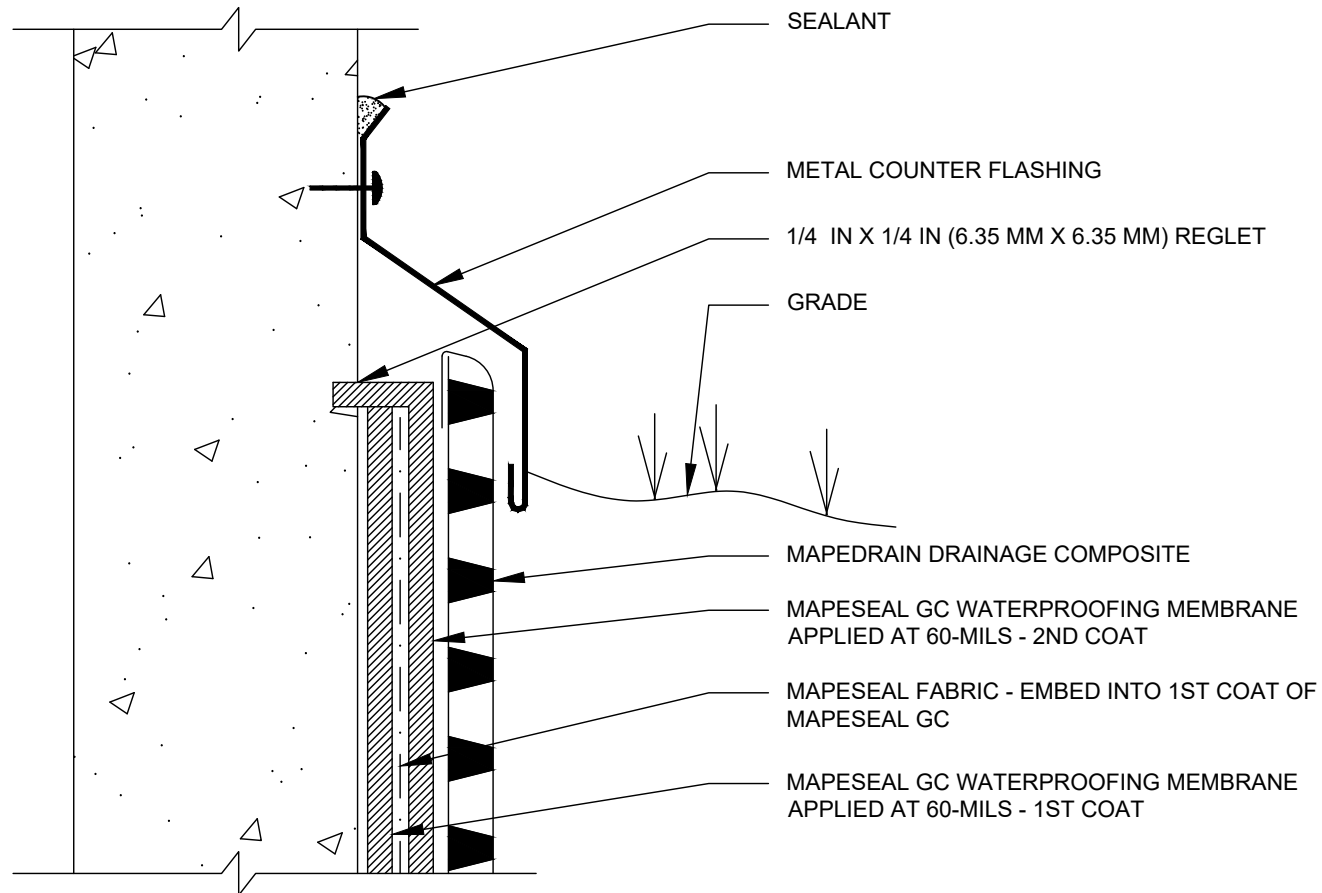
02/01/2022

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NOTE:
IF MAPESEAL GC WATERPROOFING EXTENDS ABOVE FINAL GRADE, IT MUST BE PROTECTED WITH METAL COUNTER FLASHING.



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ABOVE-GRADE TERMINATION W/ COUNTER FLASHING

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