

# MAPEPROOF AL PRO DRAWING LIST

## VERTICAL APPLICATIONS

### *MAPEPROOF AL PRO / MAPETHENE TIE-IN*

- AL-1A FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 1)
- AL-1B FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 2)
- AL-1C FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL WITH INSULATION.
- AL-1D FOUNDATION WALL / MAT SLAB.
- AL-1E FOUNDATION WALL - ELEVATED FLOOR SLAB (OPTION 1)
- AL-1F FOUNDATION WALL - ELEVATED FLOOR SLAB (OPTION 2)

### *MAPEPROOF AL PRO / MAPESEAL TIE-IN*

- AL-1G FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 1)
- AL-1H FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 2)
- AL-1I FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL WITH INSULATION.
- AL-1J FOUNDATION WALL / MAT SLAB.
- AL-1K FOUNDATION WALL - ELEVATED FLOOR SLAB (OPTION 1)
- AL-1L FOUNDATION WALL - ELEVATED FLOOR SLAB (OPTION 2)

### *SUPPORTIVE EXCAVATION*

- AL-1M BLINDSIDE WALL / SLAB TRANSITION.
- AL-1N LAGGING WITH SOLDIER BEAM.
- AL-1O SEACANT PILES AUGERED OR CAISSON SHEET PILES.
- AL-1P SHEET PILES

## HORIZONTAL APPLICATIONS

- AL-2A UNDERSLAB APPLICATION ON COMPACTED STONE.
- AL-2B UNDERSLAB APPLICATION ON COMPACTED EARTH.
- AL-2C UNDERSLAB APPLICATION ON MUD SLAB.
- AL-2D UNDERSLAB APPLICATION ON DRAINAGE COMPOSITE.

## JOINTS

- AL-3A CONCRETE WALL CONSTRUCTION JOINT.
- AL-3B CONCRETE SLAB CONSTRUCTION JOINT.

## CORNERS

- AL-4A WALL OUTSIDE CORNER.
- AL-4B ALTERNATE WALL OUTSIDE CORNER.

## END LAPS

- AL-5A END LAP - VERTICAL OR HORIZONTAL.

## PENETRATIONS

- AL-6A SLAB PENETRATION.
- AL-6B WALL PENETRATION.
- AL-6C REBAR, THREADED-ROD, NELSON STUD.
- AL-6D STRAIGHT EDGE PENETRATION / TERMINATION (RAKER, WALTER, BEAM, COLUMN)

## TIE-BACK COVERS

- AL-7A PRE-FABRICATED METAL TIE-BACK COVER SPECS.
- AL-7B PRE-FABRICATED METAL TIE-BACK COVER INSTALLATION.

## PILE CAPS / PILE HEADS

- AL-8A PILE CAP - NON-HYDROSTATIC.
- AL-8B PILE CAP - HYDROSTATIC.
- AL-8C PILE HEAD - NON-HYDROSTATIC.
- AL-8D PILE HEAD - HYDROSTATIC.

## MISC.TIE-IN DETAILS

- AL-9A DECK / FOUNDATION WALL MAPETHENE TO MAPEPROOF AL PRO TIE-IN.
- AL-9B FOUNDATION WALL MAPETHENE TO MAPEPROOF AL PRO TIE-IN.
- AL-9C MAPEPROOF AL PRO TIE-IN TO EXISTING MAPTHENE OR MAPEPROOF AL PRO.

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**Description:**

# MAPEPROOF AL PRO DRAWING LIST

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

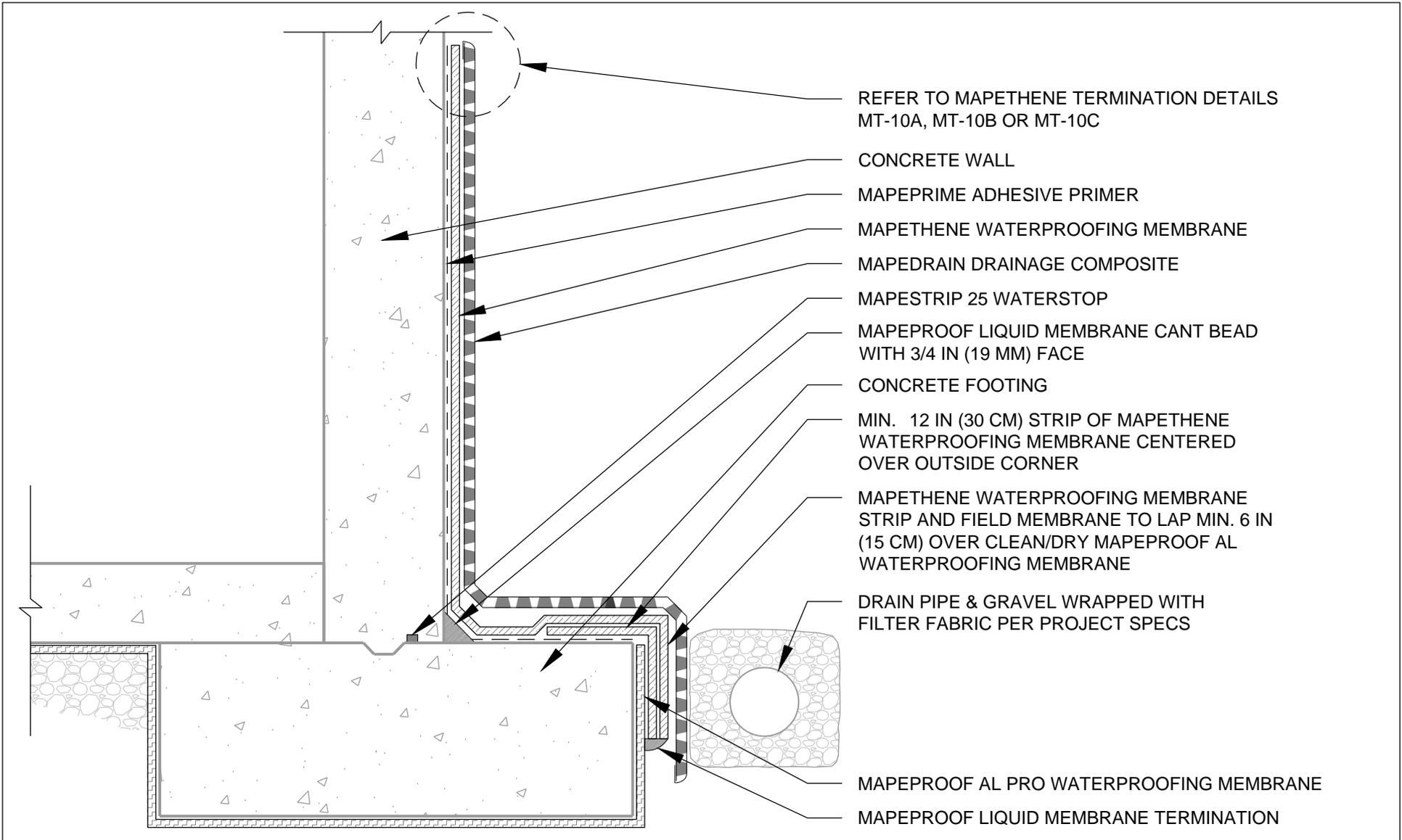
**Supersedes:** 02/01/22

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**Drawing Number:**

**AL-00**

DRAWING NOT TO SCALE



- REFER TO MAPETHENE TERMINATION DETAILS MT-10A, MT-10B OR MT-10C
- CONCRETE WALL
- MAPEPRIME ADHESIVE PRIMER
- MAPETHENE WATERPROOFING MEMBRANE
- MAPEADRAIN DRAINAGE COMPOSITE
- MAPESTRIP 25 WATERSTOP
- MAPEPROOF LIQUID MEMBRANE CANT BEAD WITH 3/4 IN (19 MM) FACE
- CONCRETE FOOTING
- MIN. 12 IN (30 CM) STRIP OF MAPETHENE WATERPROOFING MEMBRANE CENTERED OVER OUTSIDE CORNER
- MAPETHENE WATERPROOFING MEMBRANE STRIP AND FIELD MEMBRANE TO LAP MIN. 6 IN (15 CM) OVER CLEAN/DRY MAPEPROOF AL WATERPROOFING MEMBRANE
- DRAIN PIPE & GRAVEL WRAPPED WITH FILTER FABRIC PER PROJECT SPECS
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- MAPEPROOF LIQUID MEMBRANE TERMINATION

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**Description:**

**FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 1)**

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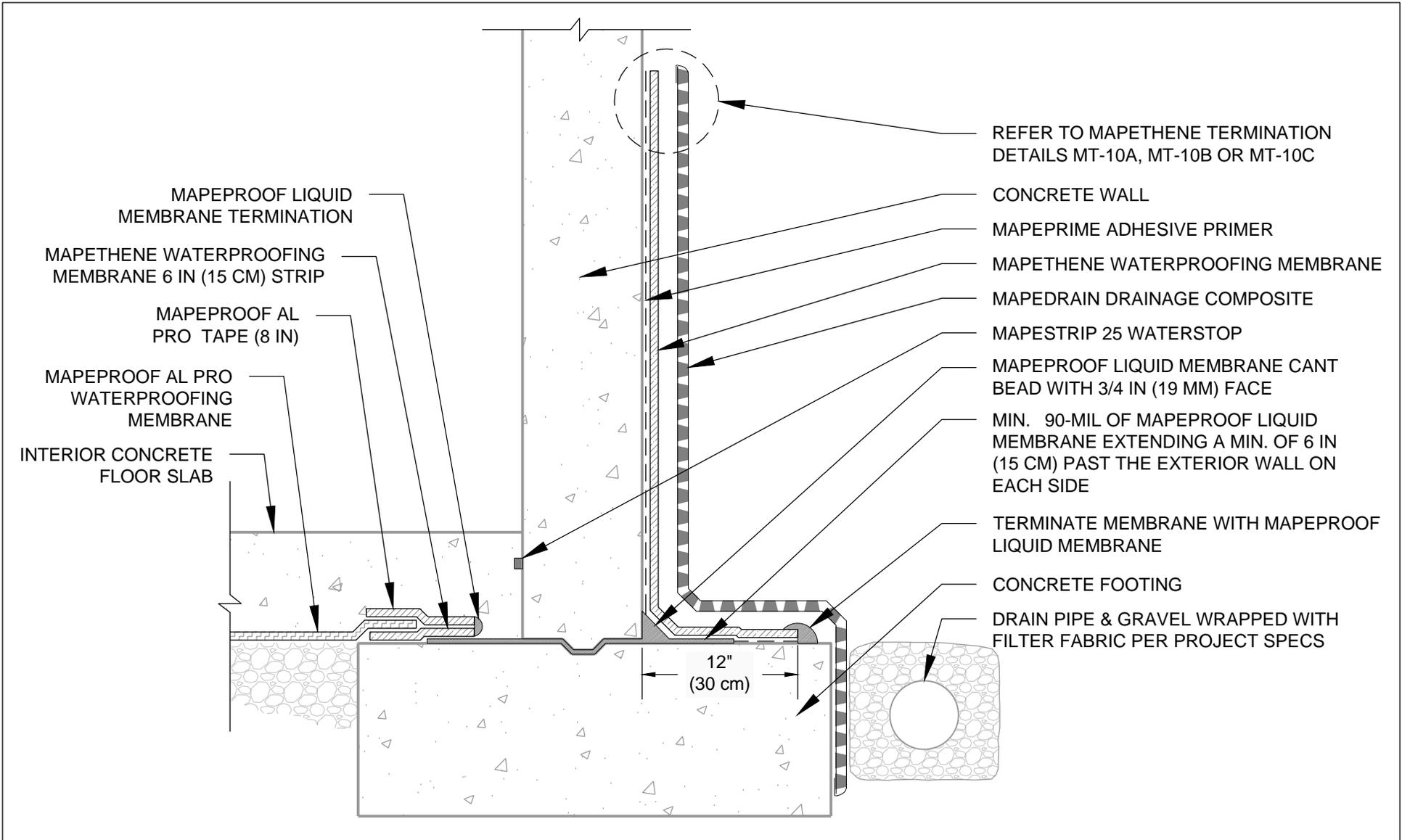
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**AL-1A**

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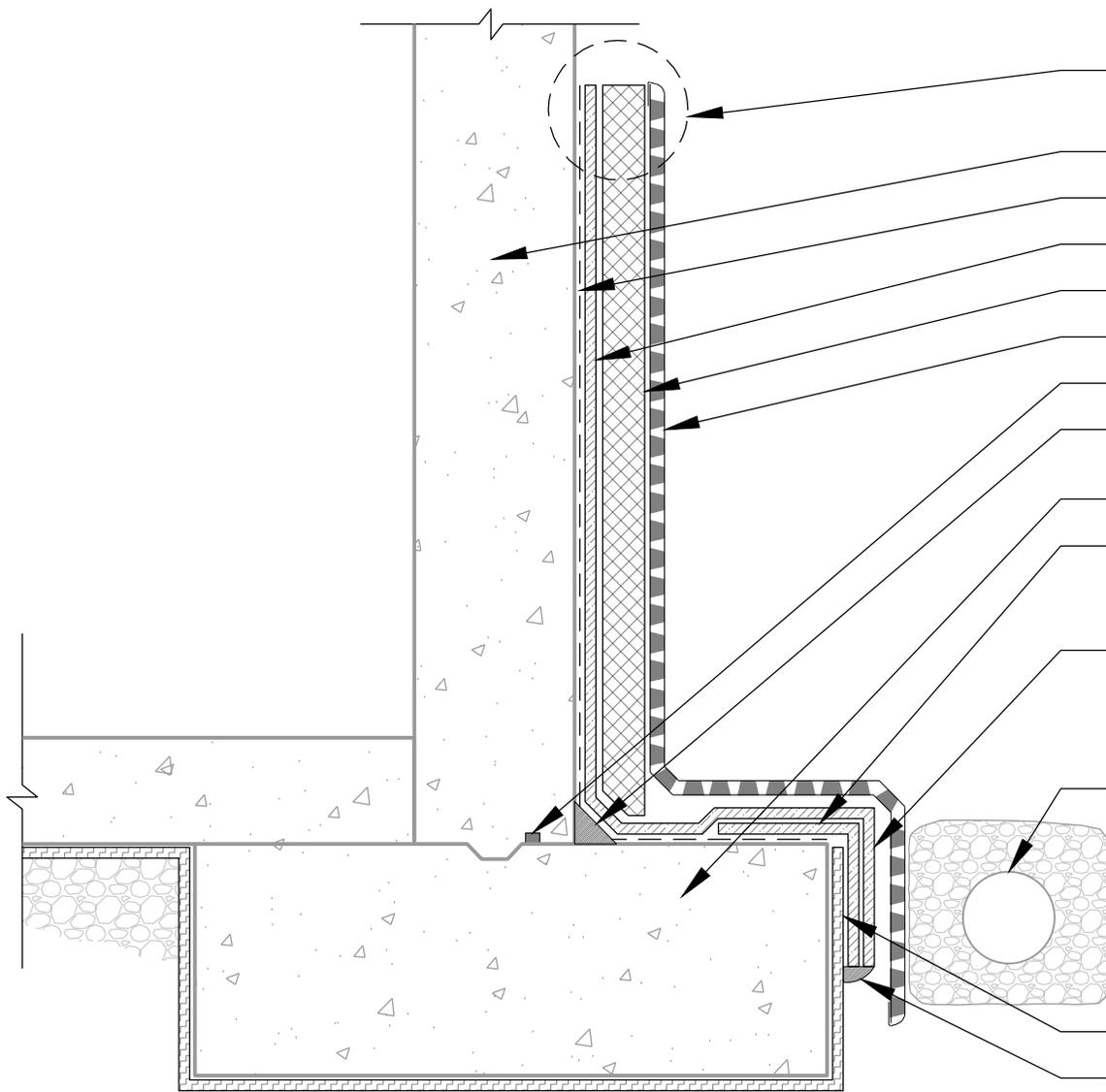
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# FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL (OPTION 2)

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

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- REFER TO MAPETHENE TERMINATION DETAILS MT-10A, MT-10B OR MT-10C
- CONCRETE WALL
- MAPEPRIME ADHESIVE PRIMER
- MAPETHENE WATERPROOFING MEMBRANE
- RIGID INSULATION
- MAPESTRIP 25 WATERSTOP
- MAPEPROOF LIQUID MEMBRANE CANT BEAD WITH 3/4 IN (19 MM) FACE
- CONCRETE FOOTING
- MIN. 12 IN (30 CM) STRIP OF MAPETHENE WATERPROOFING MEMBRANE CENTERED OVER OUTSIDE CORNER
- MAPETHENE WATERPROOFING MEMBRANE STRIP AND FIELD MEMBRANE TO LAP MIN. 6 IN (15 CM) OVER CLEAN/DRY MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- DRAIN PIPE & GRAVEL WRAPPED WITH FILTER FABRIC PER PROJECT SPECS
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- MAPEPROOF LIQUID MEMBRANE TERMINATION

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## FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL WITH INSULATION

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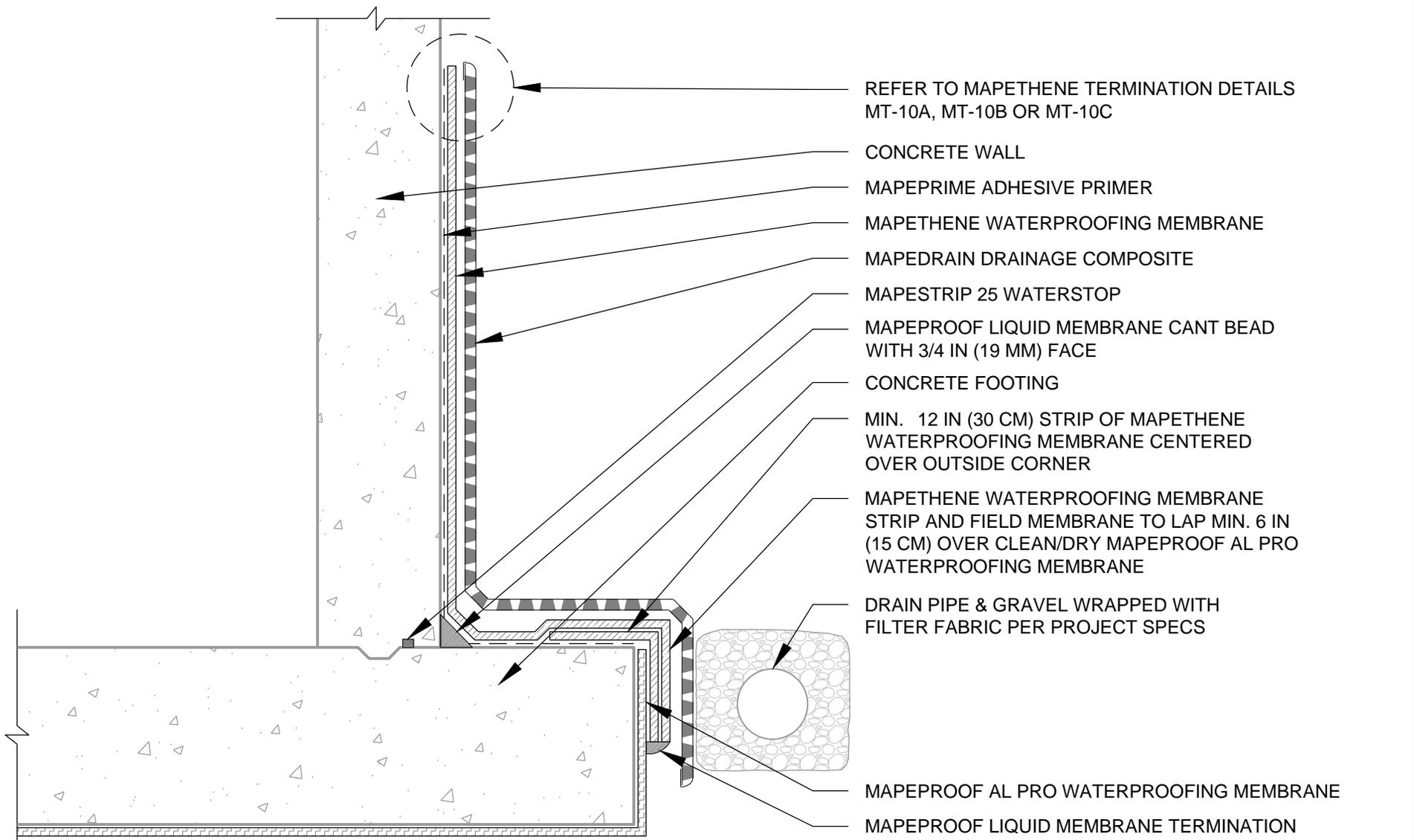
**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

**AL-1C**

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- REFER TO MAPETHENE TERMINATION DETAILS MT-10A, MT-10B OR MT-10C
- CONCRETE WALL
- MAPEPRIME ADHESIVE PRIMER
- MAPETHENE WATERPROOFING MEMBRANE
- MAPEADRAIN DRAINAGE COMPOSITE
- MAPESTRIP 25 WATERSTOP
- MAPEPROOF LIQUID MEMBRANE CANT BEAD WITH 3/4 IN (19 MM) FACE
- CONCRETE FOOTING
- MIN. 12 IN (30 CM) STRIP OF MAPETHENE WATERPROOFING MEMBRANE CENTERED OVER OUTSIDE CORNER
- MAPETHENE WATERPROOFING MEMBRANE STRIP AND FIELD MEMBRANE TO LAP MIN. 6 IN (15 CM) OVER CLEAN/DRY MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- DRAIN PIPE & GRAVEL WRAPPED WITH FILTER FABRIC PER PROJECT SPECS
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- MAPEPROOF LIQUID MEMBRANE TERMINATION

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## FOUNDATION WALL - MAT SLAB

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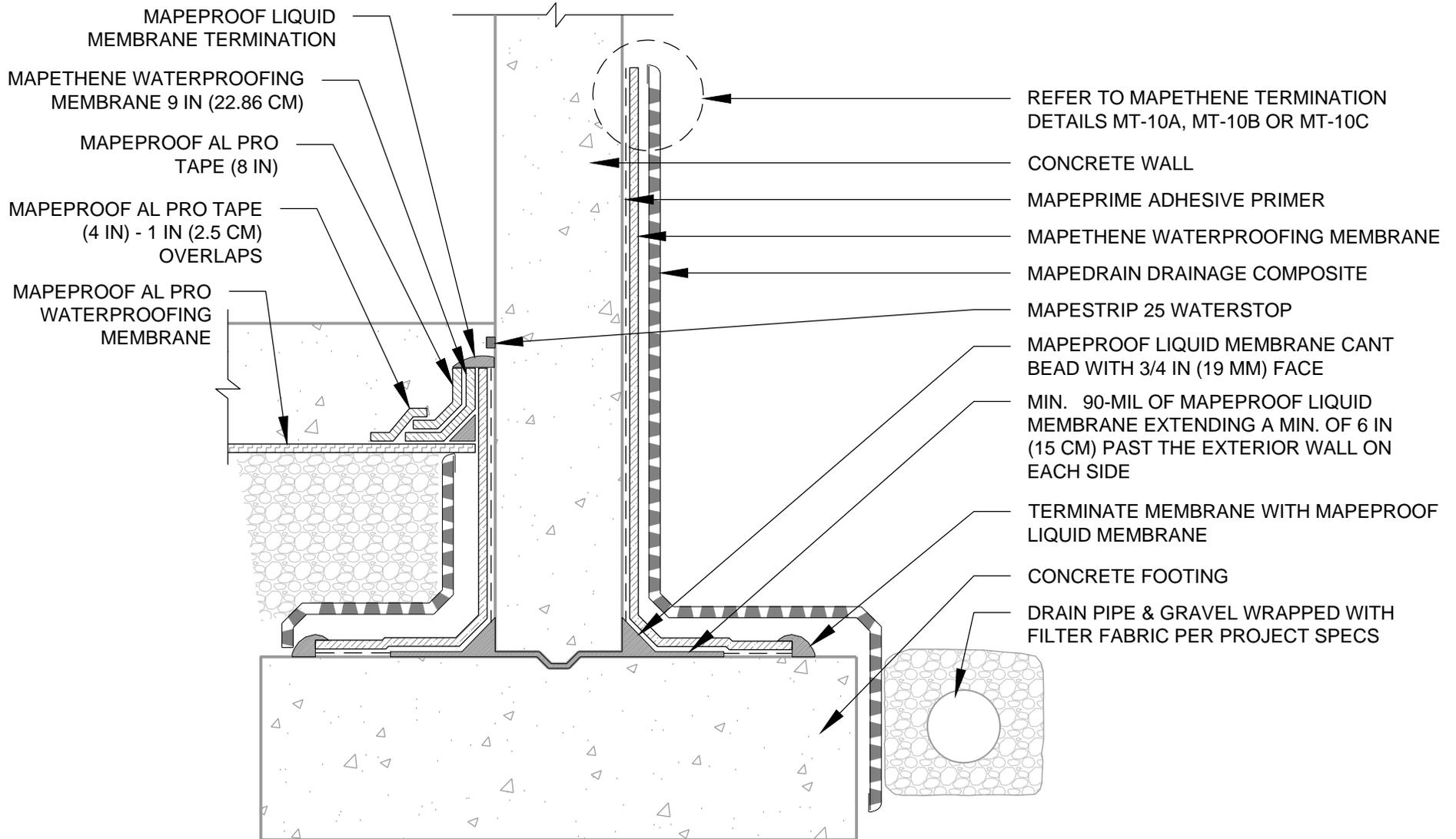
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## FOUNDATION WALL ELEVATED FLOOR SLAB (OPTION 1)

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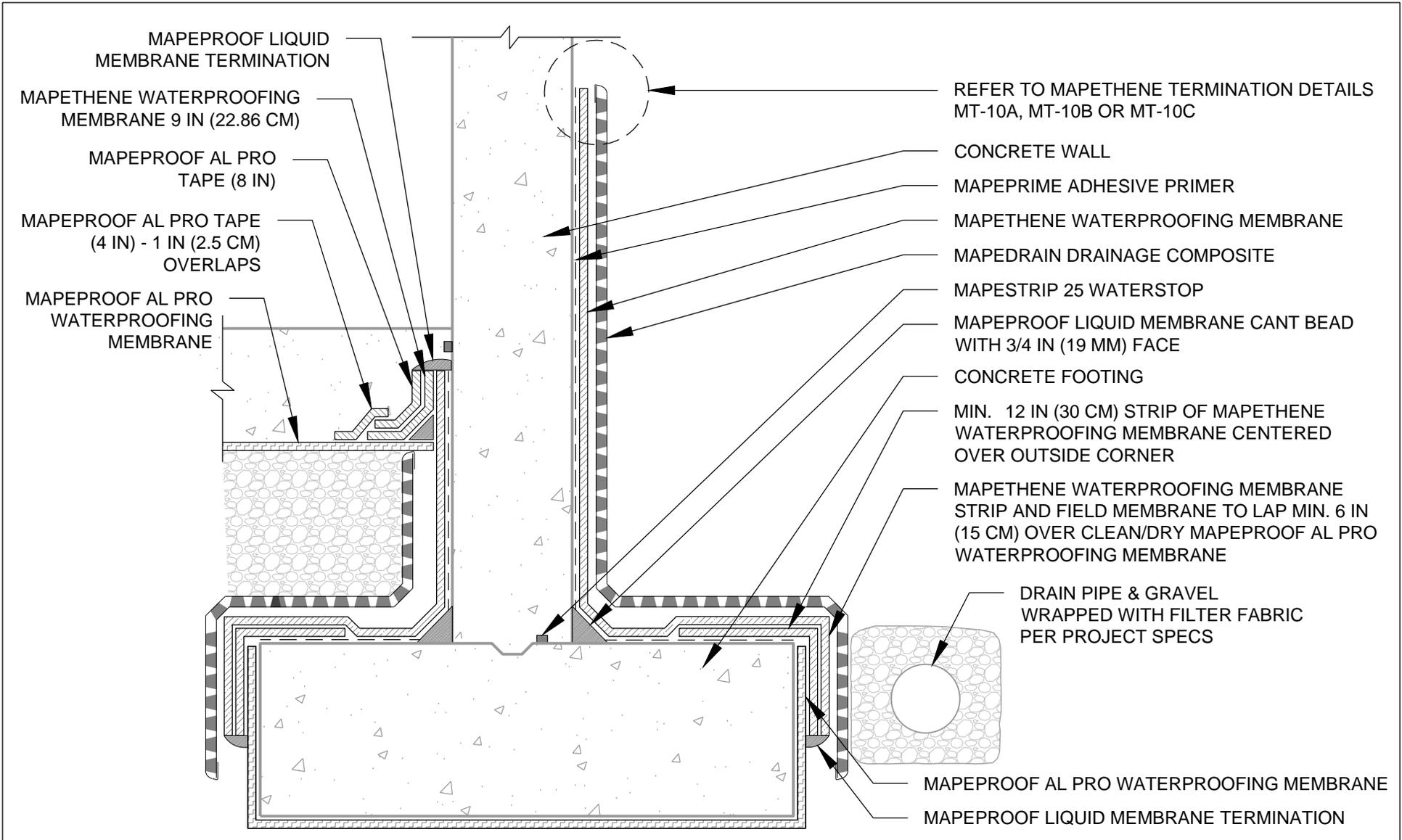
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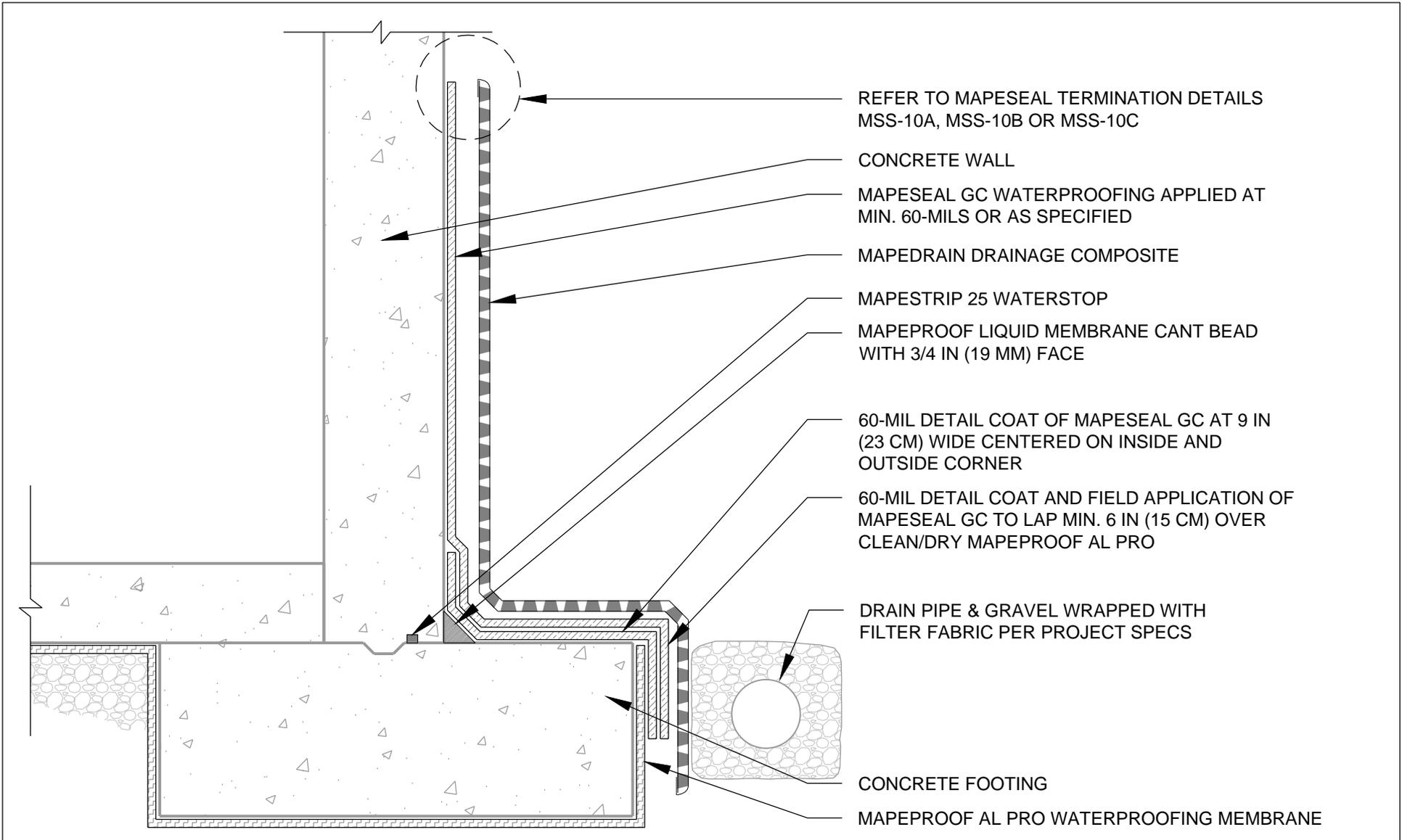
**Description:**

**FOUNDATION WALL ELEVATED FLOOR SLAB (OPTION 2)**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

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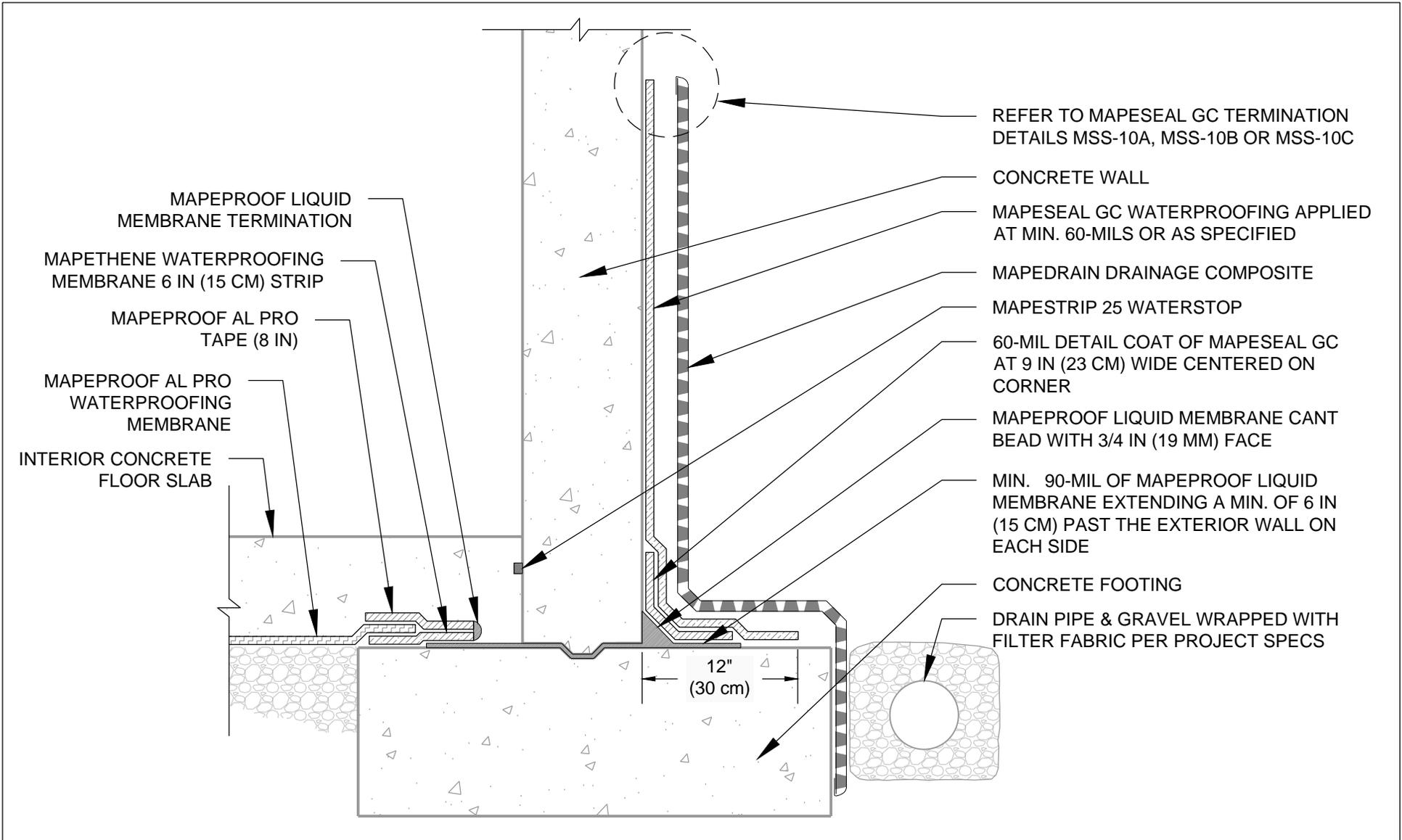
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**Description:**  
**FOUNDATION WALL - FLOOR SLAB AT  
 FOOTING LEVEL HYDROSTATIC  
 (OPTION 1)**

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**AL-1G**

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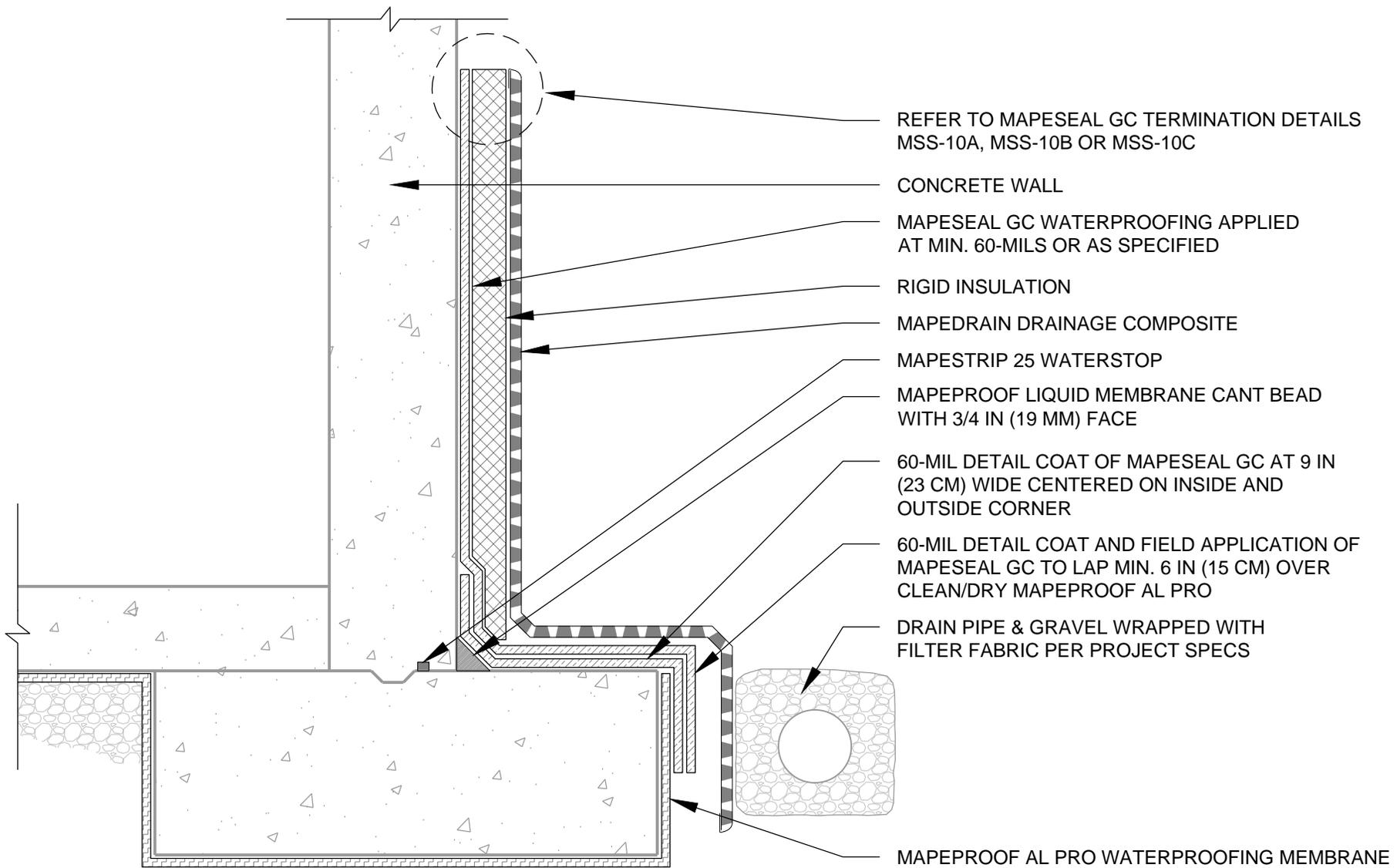
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**Description:**  
**FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL HYDROSTATIC (OPTION 2)**

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**Description:**

**FOUNDATION WALL - FLOOR SLAB AT FOOTING LEVEL WITH INSULATION HYDROSTATIC**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

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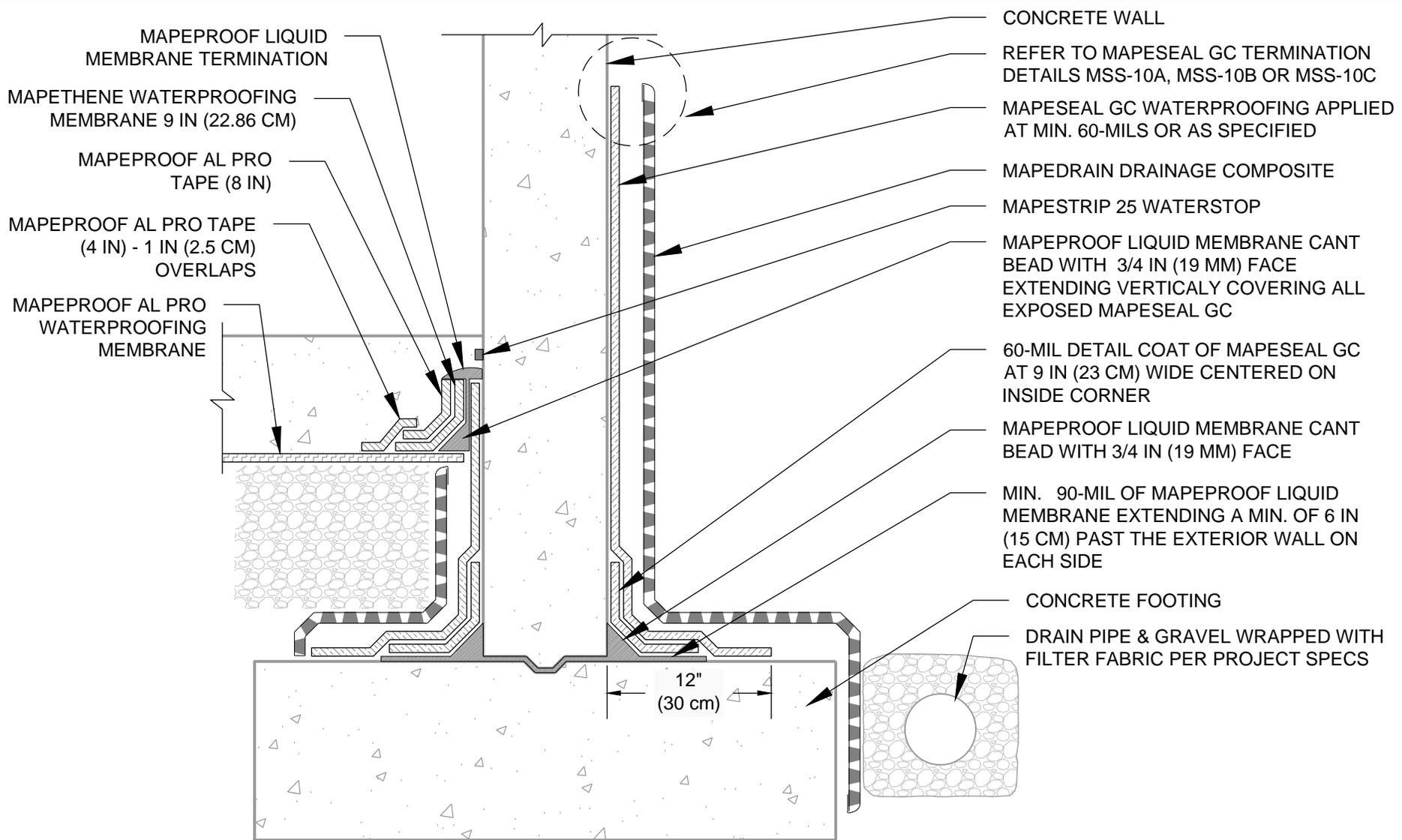
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**Description:**

# FOUNDATION WALL ELEVATED FLOOR SLAB - HYDROSTATIC (OPTION 1)

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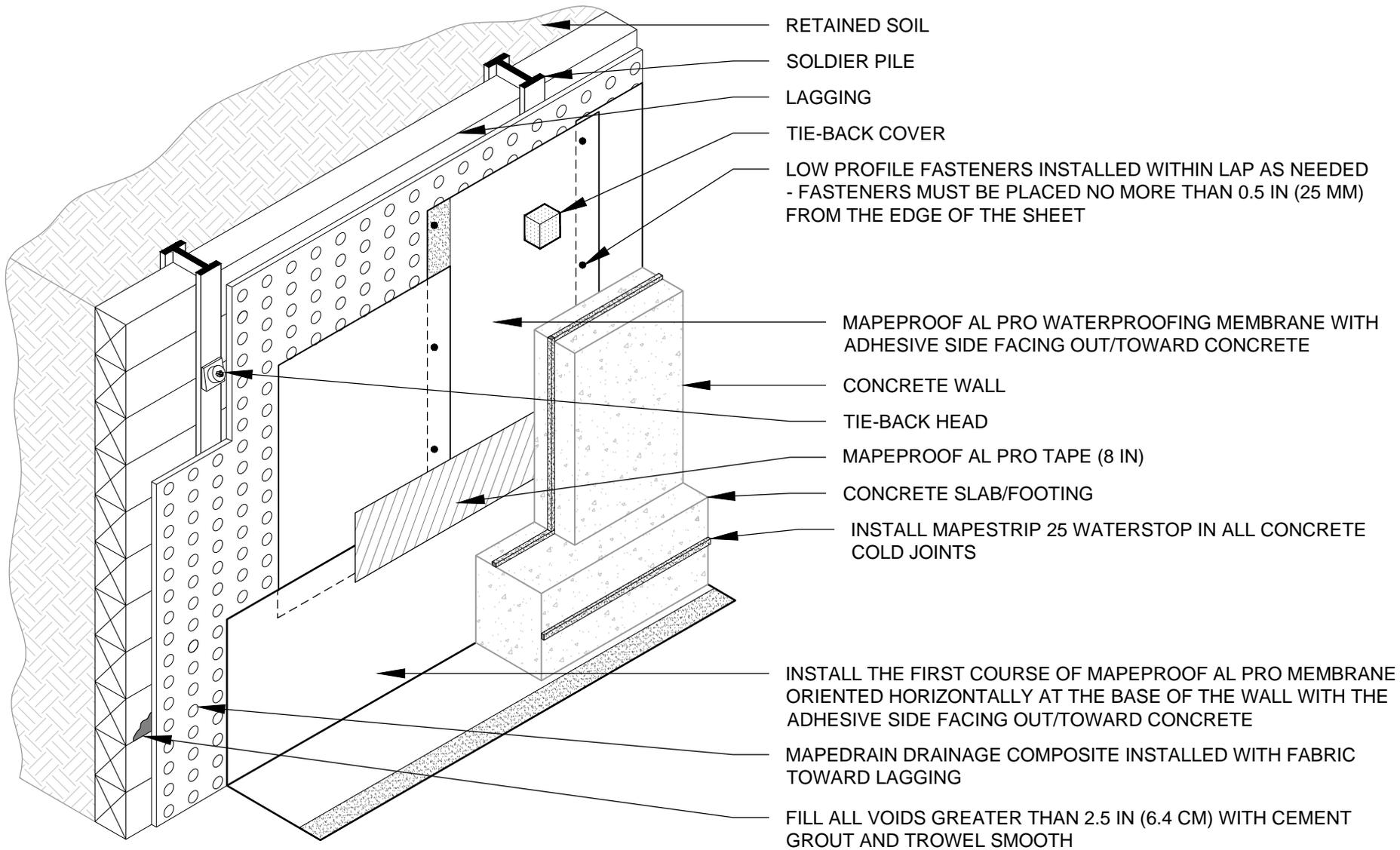
**Drawing Number:**

**AL-1K**

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- RETAINED SOIL
- SOLDIER PILE
- LAGGING
- TIE-BACK COVER
- LOW PROFILE FASTENERS INSTALLED WITHIN LAP AS NEEDED  
- FASTENERS MUST BE PLACED NO MORE THAN 0.5 IN (25 MM)  
FROM THE EDGE OF THE SHEET
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE WITH  
ADHESIVE SIDE FACING OUT/TOWARD CONCRETE
- CONCRETE WALL
- TIE-BACK HEAD
- MAPEPROOF AL PRO TAPE (8 IN)
- CONCRETE SLAB/FOOTING
- INSTALL MAPESTRIP 25 WATERSTOP IN ALL CONCRETE  
COLD JOINTS
- INSTALL THE FIRST COURSE OF MAPEPROOF AL PRO MEMBRANE  
ORIENTED HORIZONTALLY AT THE BASE OF THE WALL WITH THE  
ADHESIVE SIDE FACING OUT/TOWARD CONCRETE
- MAPEDRAIN DRAINAGE COMPOSITE INSTALLED WITH FABRIC  
TOWARD LAGGING
- FILL ALL VOIDS GREATER THAN 2.5 IN (6.4 CM) WITH CEMENT  
GROUT AND TROWEL SMOOTH

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**Description:**

## LAGGING WITH SOLDIER PILES

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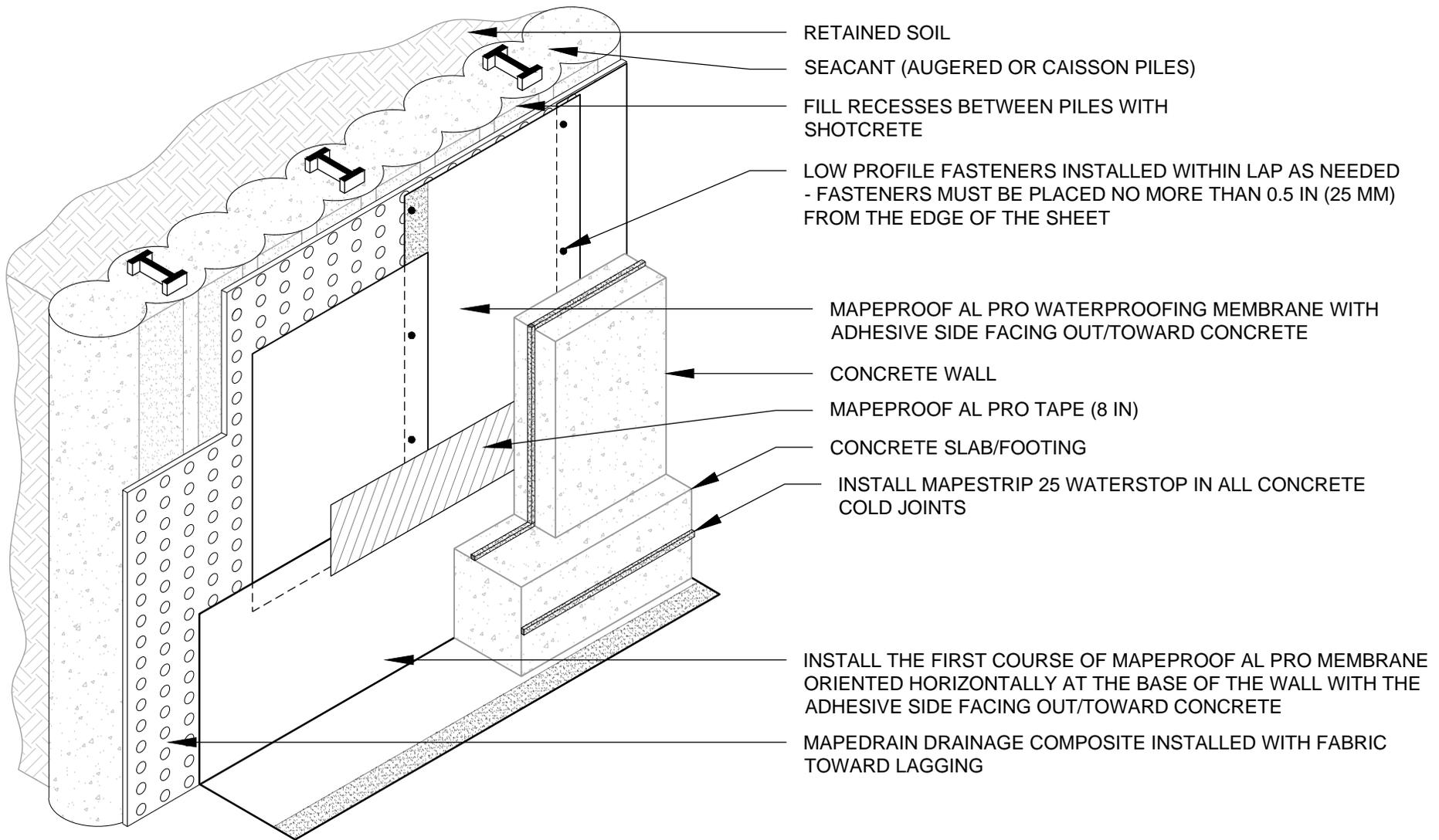
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**AL-1N**

DRAWING NOT TO SCALE



- RETAINED SOIL
- SEACANT (AUGERED OR CAISSON PILES)
- FILL RECESSES BETWEEN PILES WITH SHOTCRETE
- LOW PROFILE FASTENERS INSTALLED WITHIN LAP AS NEEDED  
- FASTENERS MUST BE PLACED NO MORE THAN 0.5 IN (25 MM) FROM THE EDGE OF THE SHEET
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE WITH ADHESIVE SIDE FACING OUT/TOWARD CONCRETE
- CONCRETE WALL
- MAPEPROOF AL PRO TAPE (8 IN)
- CONCRETE SLAB/FOOTING
- INSTALL MAPESTRIP 25 WATERSTOP IN ALL CONCRETE COLD JOINTS
- INSTALL THE FIRST COURSE OF MAPEPROOF AL PRO MEMBRANE ORIENTED HORIZONTALLY AT THE BASE OF THE WALL WITH THE ADHESIVE SIDE FACING OUT/TOWARD CONCRETE
- MAPE DRAIN DRAINAGE COMPOSITE INSTALLED WITH FABRIC TOWARD LAGGING

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**Description:**

## SECANT PILES (AUGERED OR CAISSON)

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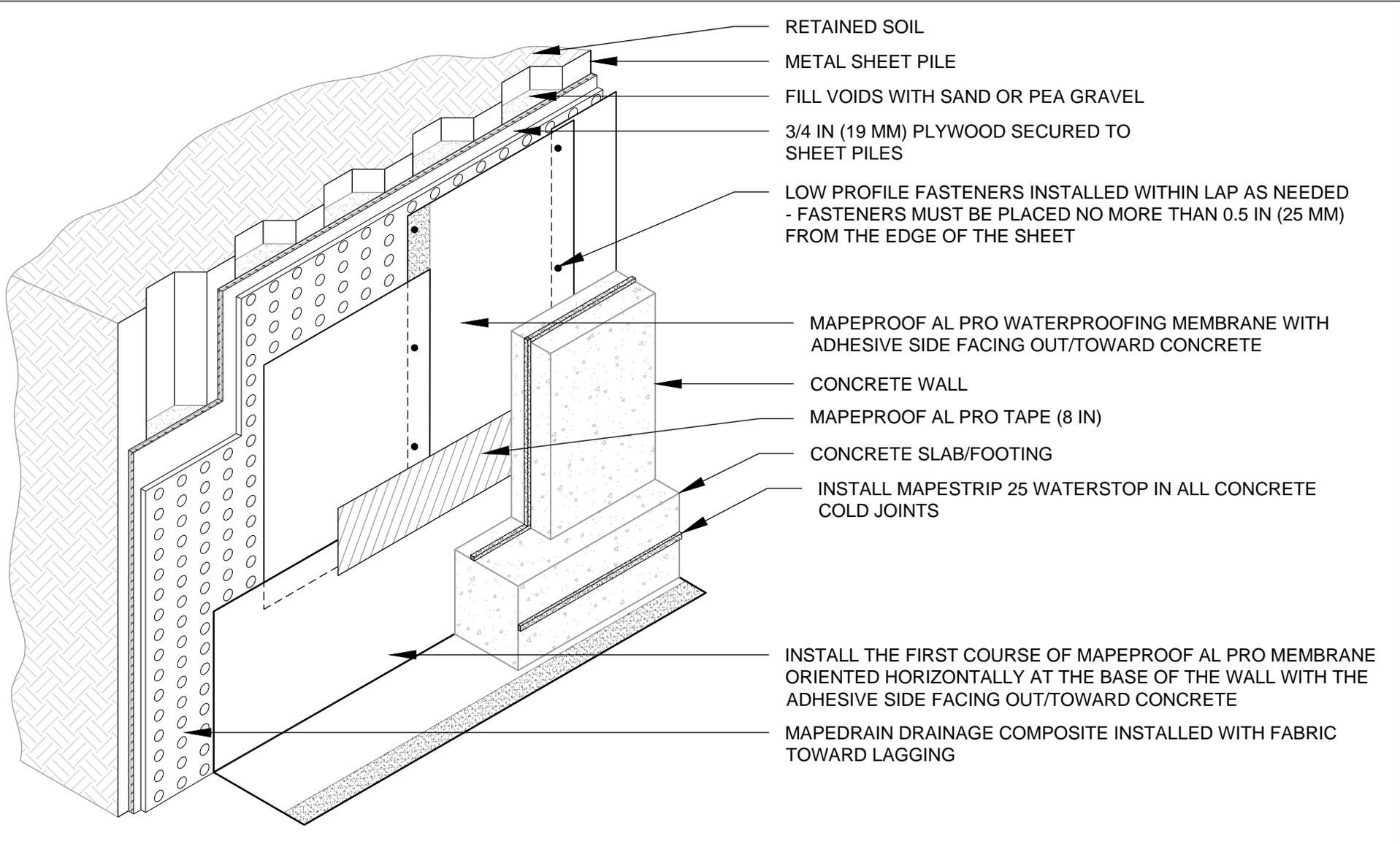
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# AL-10

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## STEEL SHEET PILES

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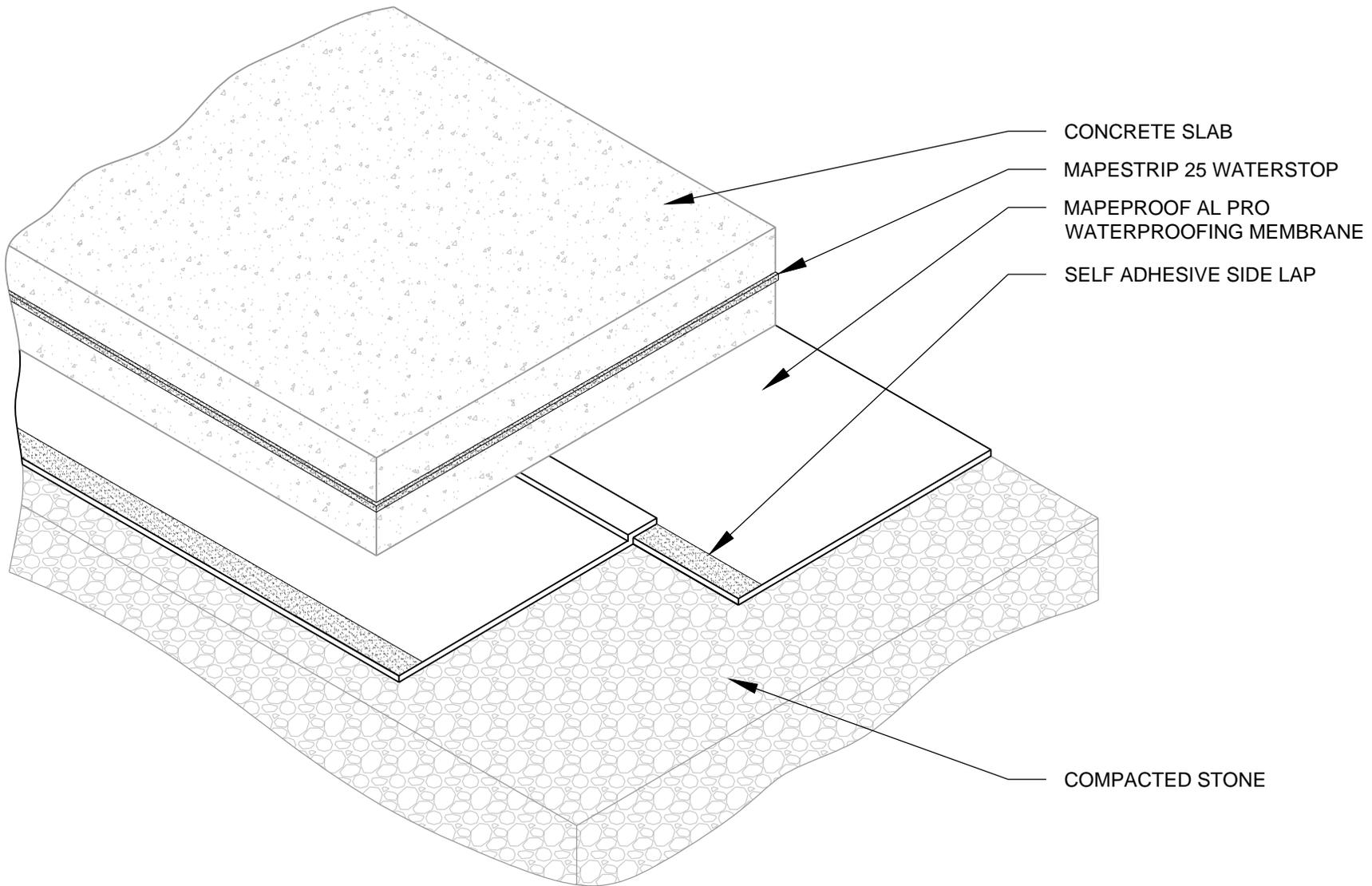
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**Drawing Number:**

**AL-1P**

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CONCRETE SLAB  
 MAPESTRIP 25 WATERSTOP  
 MAPEPROOF AL PRO  
 WATERPROOFING MEMBRANE  
 SELF ADHESIVE SIDE LAP

COMPACTED STONE

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**Description:**

## UNDERSLAB APPLICATION ON COMPACTED STONE

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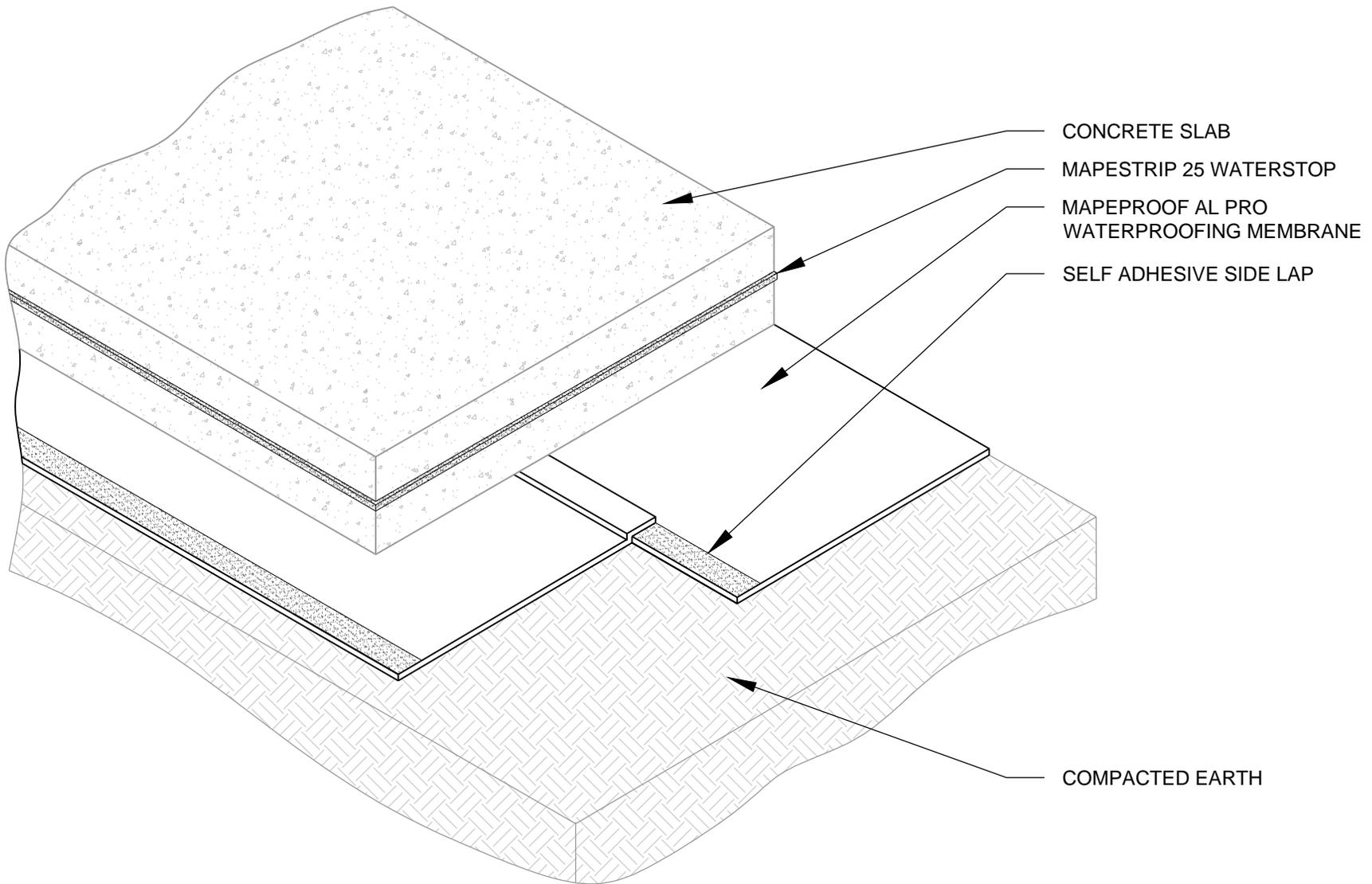
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**AL-2A**

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CONCRETE SLAB  
 MAPESTRIP 25 WATERSTOP  
 MAPEPROOF AL PRO  
 WATERPROOFING MEMBRANE  
 SELF ADHESIVE SIDE LAP  
 COMPACTED EARTH

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**Description:**

## UNDERSLAB APPLICATION ON COMPACTED EARTH

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

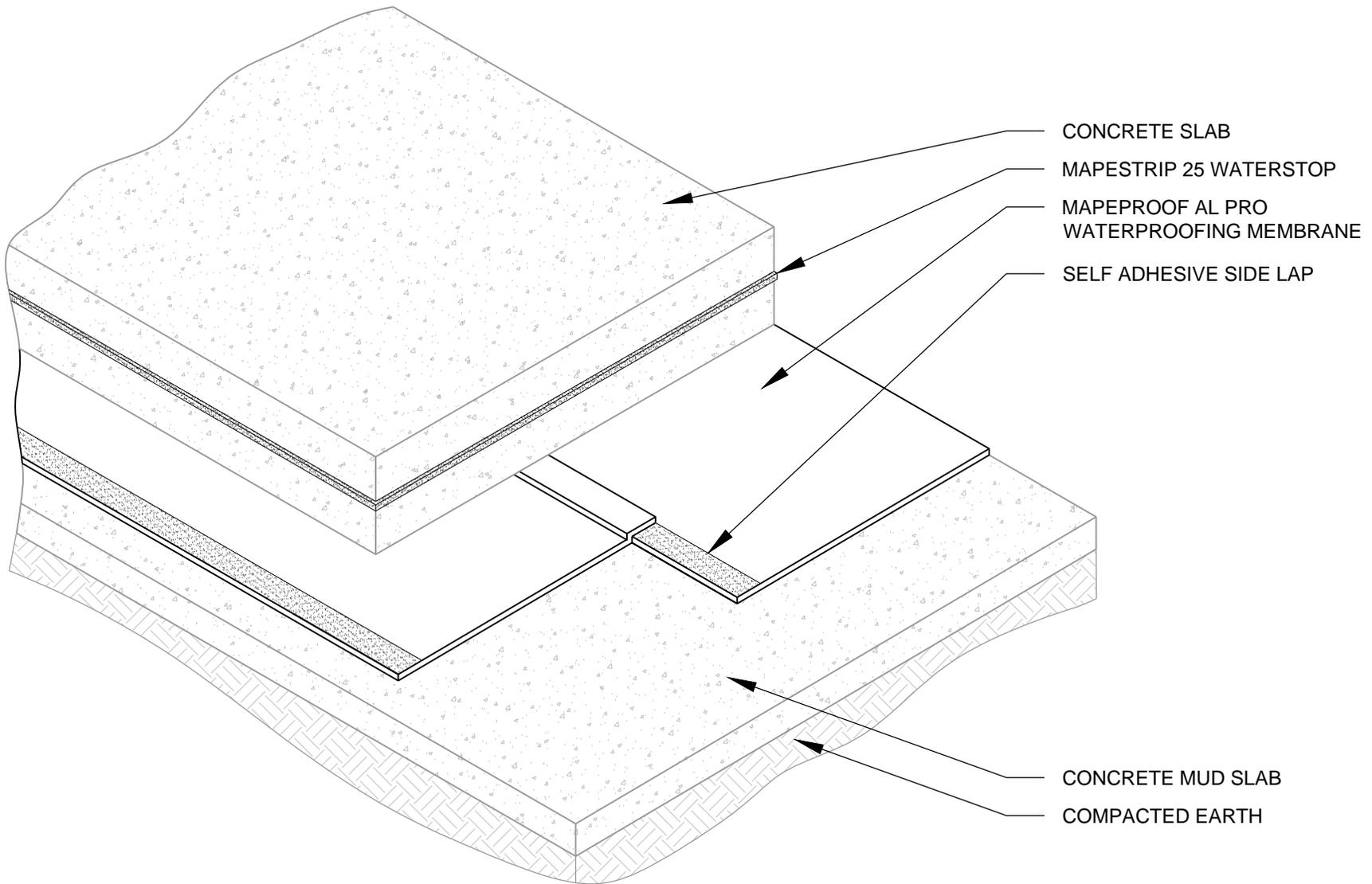
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**AL-2B**

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CONCRETE SLAB  
 MAPESTRIP 25 WATERSTOP  
 MAPEPROOF AL PRO  
 WATERPROOFING MEMBRANE  
 SELF ADHESIVE SIDE LAP

CONCRETE MUD SLAB  
 COMPACTED EARTH

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**Description:**

## UNDERSLAB APPLICATION ON MUD SLAB

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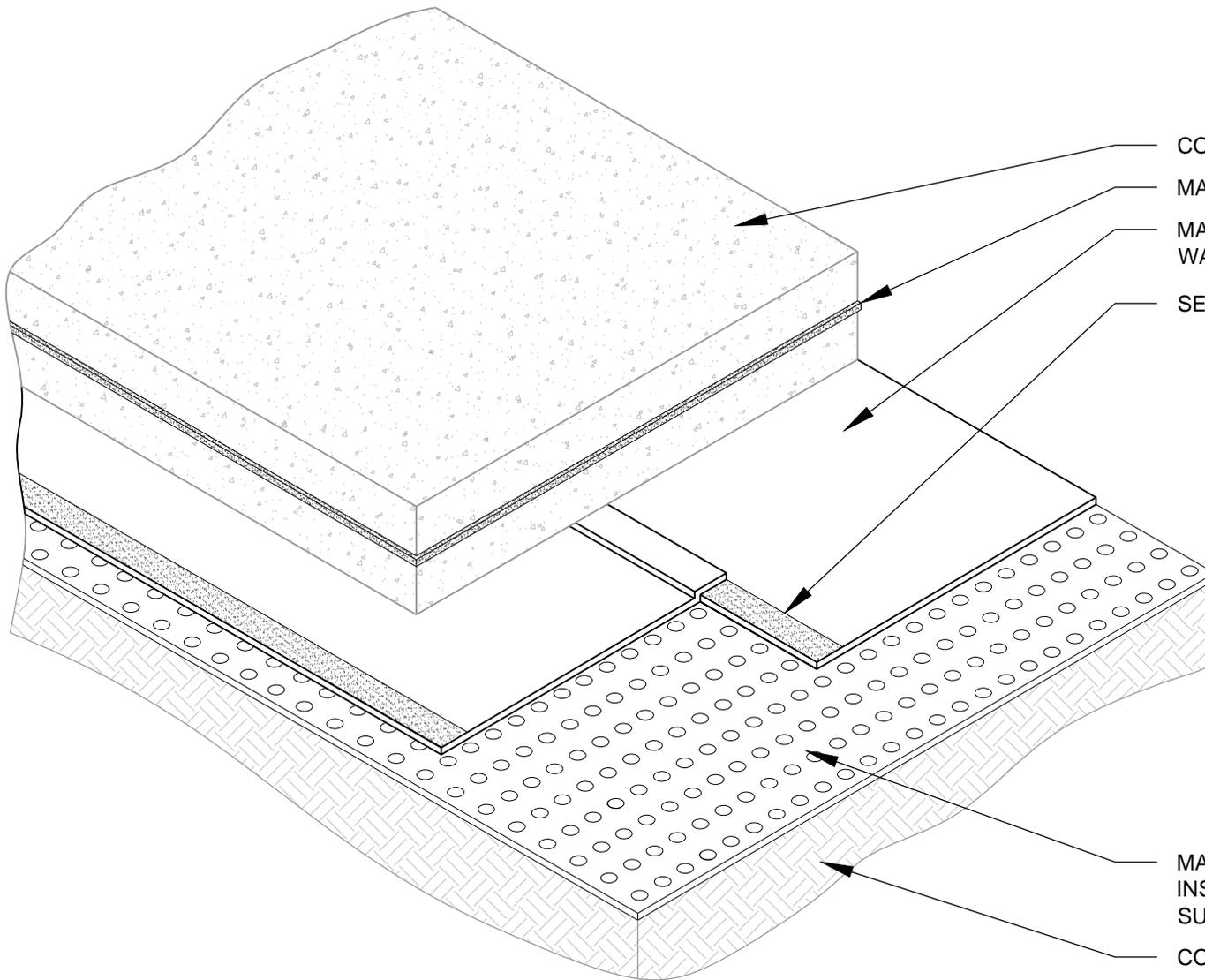
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**Drawing Number:**

**AL-2C**

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CONCRETE SLAB  
 MAPESTRIP 25 WATERSTOP  
 MAPEPROOF AL PRO  
 WATERPROOFING MEMBRANE  
 SELF ADHESIVE SIDE LAP

MAPEDRAIN DRAINAGE COMPOSITE  
 INSTALLED WITH FABRIC FACING  
 SUBSTRATE/EARTH  
 COMPACTED EARTH

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**UNDERSLAB APPLICATION  
 ON DRAINAGE COMPOSITE**

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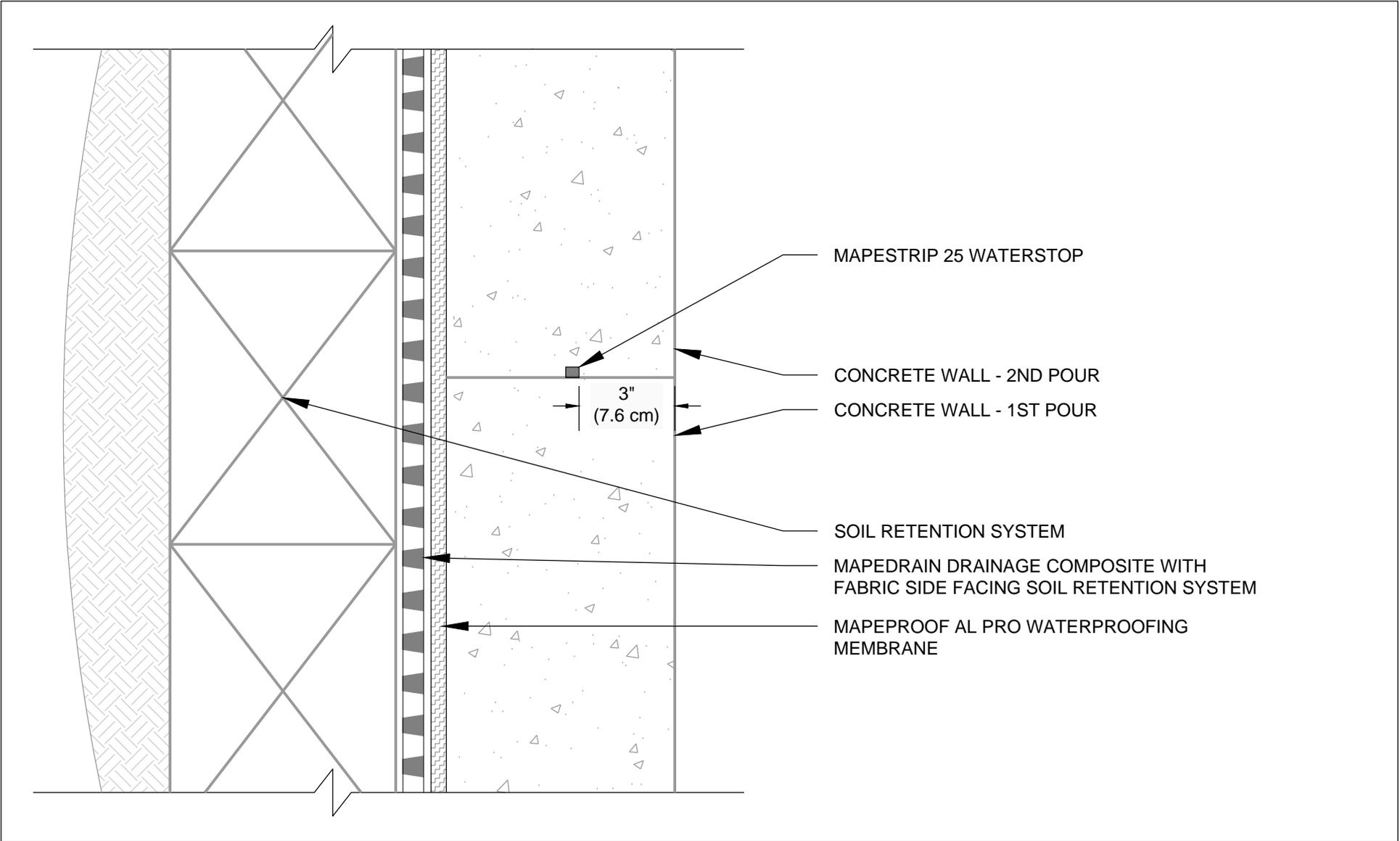
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**AL-2D**

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## CONCRETE WALL CONSTRUCTION JOINT

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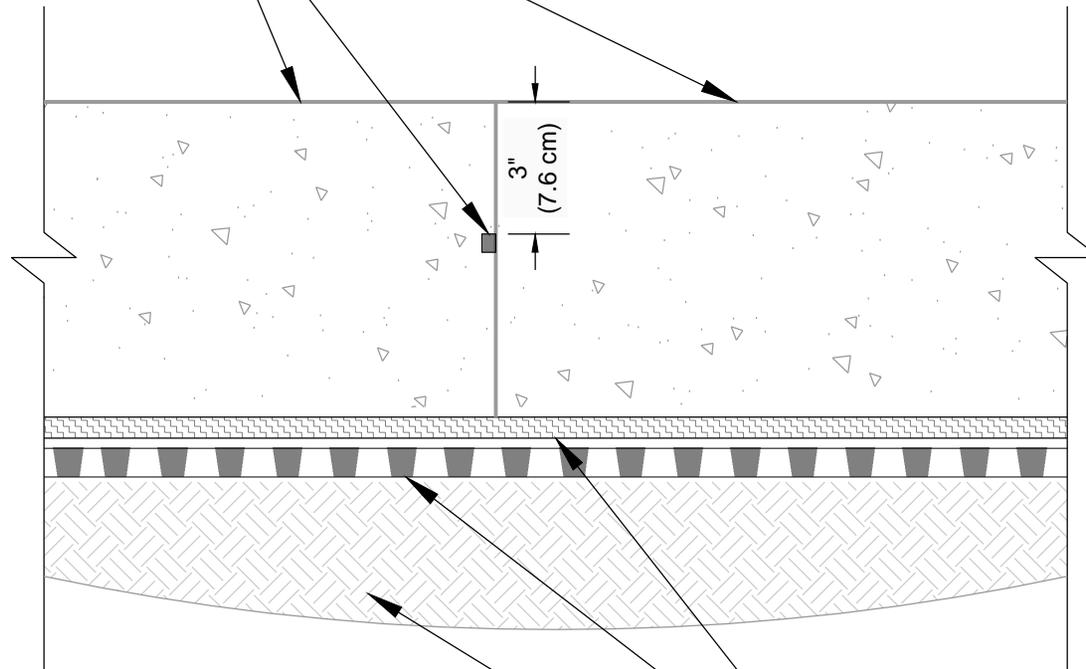
**Date:** 11/27/24

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**AL-3A**

DRAWING NOT TO SCALE

CONCRETE WALL - 1ST POUR  
 MAPESTRIP 25 WATERSTOP  
 CONCRETE WALL - 2ND POUR



MAPEPROOF AL PRO WATERPROOFING MEMBRANE  
 MAPE DRAIN DRAINAGE COMPOSITE WITH  
 FABRIC SIDE FACING SOIL RETENTION SYSTEM  
 COMPACTED EARTH, COMPACTED STONE  
 OR CONCRETE MUD SLAB

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Description:

## CONCRETE SLAB CONSTRUCTION JOINT

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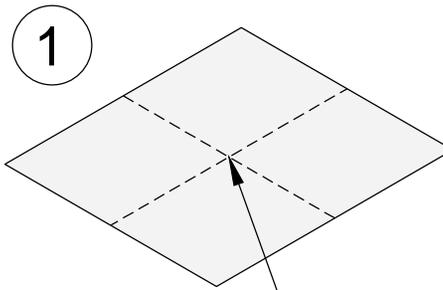
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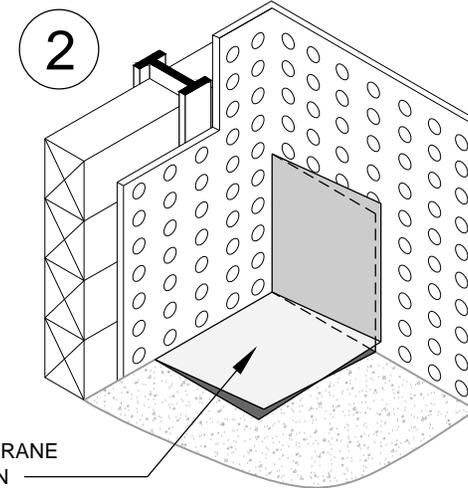
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# INSIDE CORNER

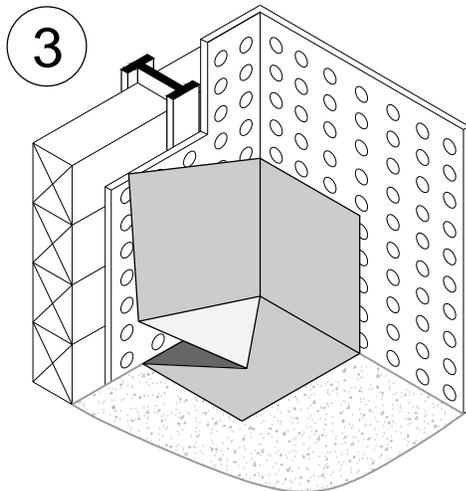
MAPEPROOF AL PRO WATERPROOFING MEMBRANE



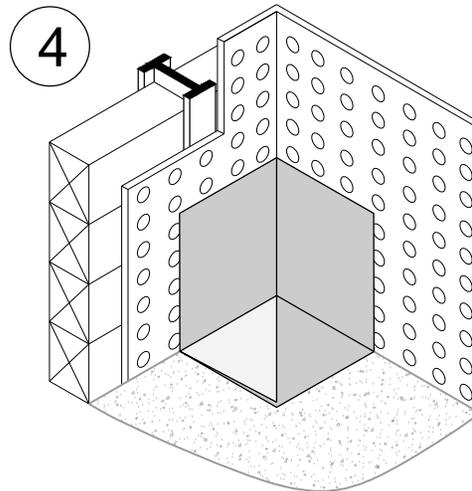
WITH THE ADHESIVE SIDE OF THE MAPEPROOF AL PRO MEMBRANE FACING UP, CREASE THE MEMBRANE BOTH HORIZONTALLY AND VERTICALLY (USE A STEEL ROLLER TO OBTAIN A TIGHT CREASE)



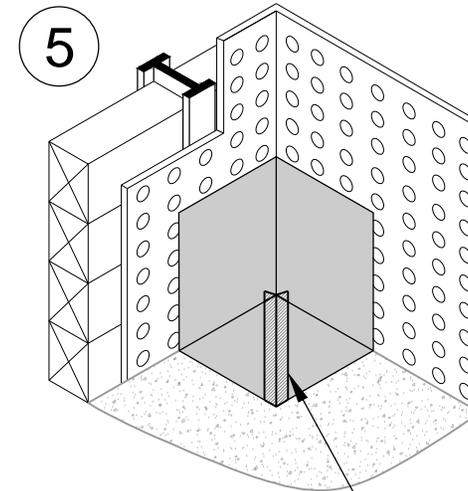
PLACE THE FOLDED MEMBRANE IN THE CORNER AS SHOWN



UNFOLD AND FIT TIGHT TO THE PROFILE OF THE SUBSTRATE CREATING A "PIGS EAR" ON THE HORIZONTAL PLANE



ROLL CREASED "PIGS EAR" FIRMLY WITH A STEEL ROLLER



MAPEPROOF AL PRO TAPE (4 IN) CENTERED OVER THE "PIGS EAR" CREASE

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Description:

## INSIDE CORNER

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

Supersedes: 02/01/22

Date: 11/27/24

Drawing Number:

**AL-4A**

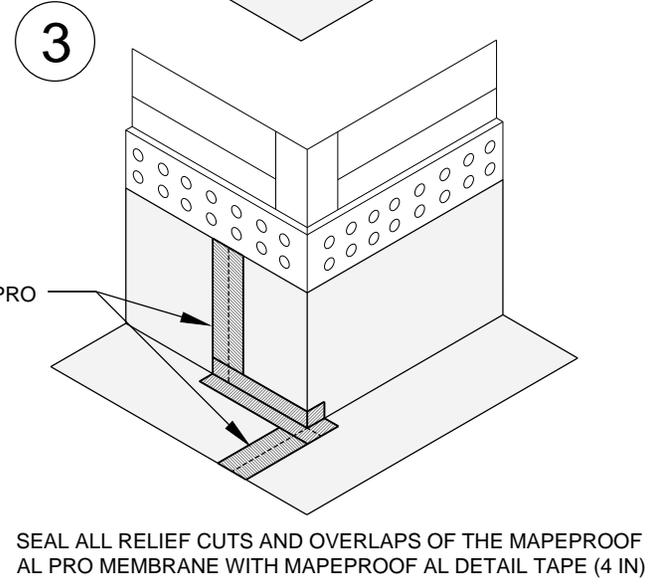
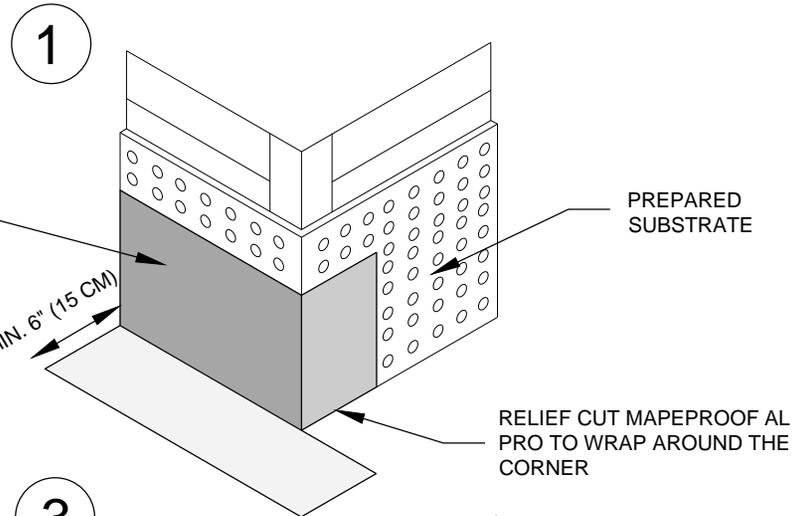
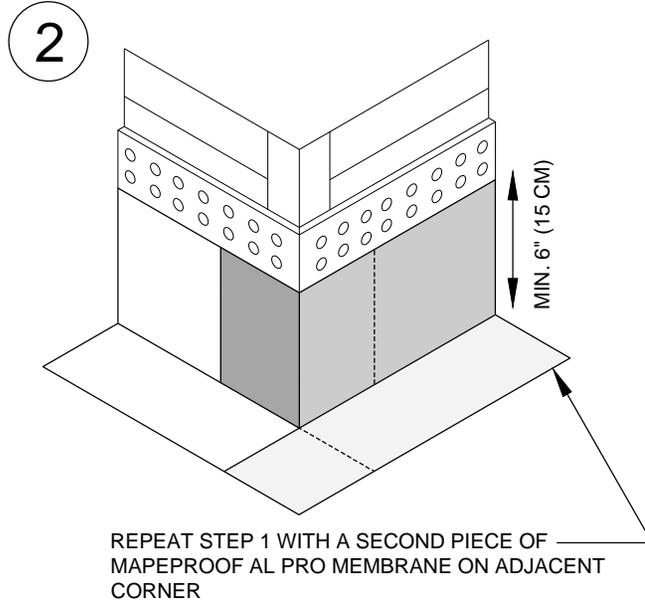
DRAWING NOT TO SCALE

# OUTSIDE CORNER

## MAPEPROOF AL PRO WATERPROOFING MEMBRANE

MAPEPROOF AL PRO WATERPROOFING MEMBRANE

FOLD/CREASE MAPEPROOF AL PRO AT BASE OF WALL AND AT CORNER TO ENSURE A TIGHT FIT TO THE PROFILE OF THE SUBSTRATE



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Description:

## OUTSIDE CORNER

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

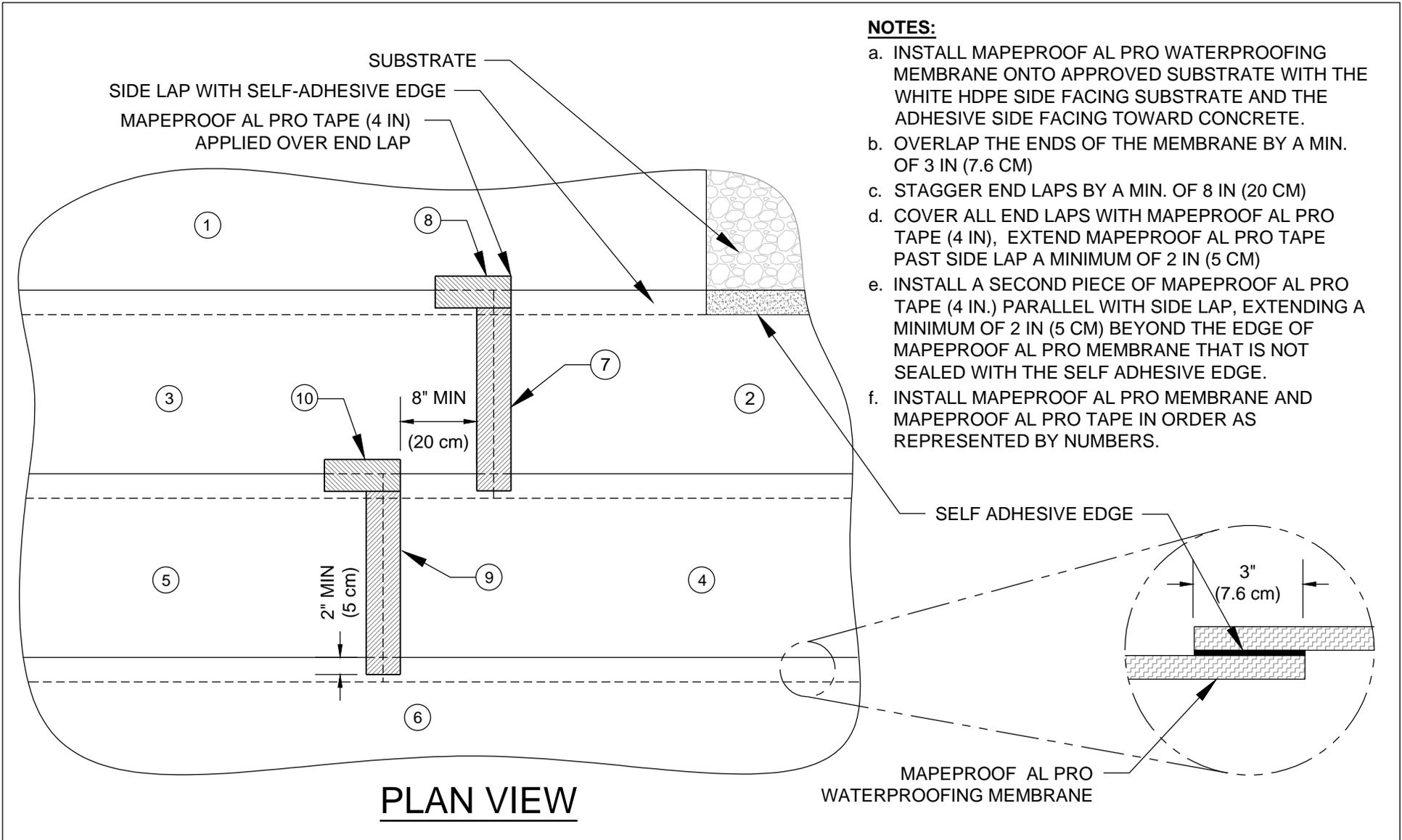
Supersedes: 02/01/22

Date: 11/27/24

Drawing Number:

**AL-4B**

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- NOTES:**
- a. INSTALL MAPEPROOF AL PRO WATERPROOFING MEMBRANE ONTO APPROVED SUBSTRATE WITH THE WHITE HDPE SIDE FACING SUBSTRATE AND THE ADHESIVE SIDE FACING TOWARD CONCRETE.
  - b. OVERLAP THE ENDS OF THE MEMBRANE BY A MIN. OF 3 IN (7.6 CM)
  - c. STAGGER END LAPS BY A MIN. OF 8 IN (20 CM)
  - d. COVER ALL END LAPS WITH MAPEPROOF AL PRO TAPE (4 IN), EXTEND MAPEPROOF AL PRO TAPE PAST SIDE LAP A MINIMUM OF 2 IN (5 CM)
  - e. INSTALL A SECOND PIECE OF MAPEPROOF AL PRO TAPE (4 IN.) PARALLEL WITH SIDE LAP, EXTENDING A MINIMUM OF 2 IN (5 CM) BEYOND THE EDGE OF MAPEPROOF AL PRO MEMBRANE THAT IS NOT SEALED WITH THE SELF ADHESIVE EDGE.
  - f. INSTALL MAPEPROOF AL PRO MEMBRANE AND MAPEPROOF AL PRO TAPE IN ORDER AS REPRESENTED BY NUMBERS.

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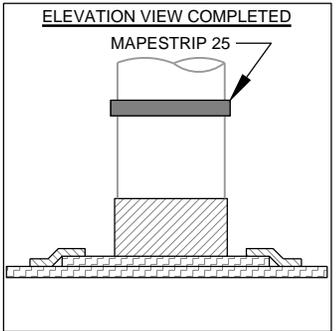
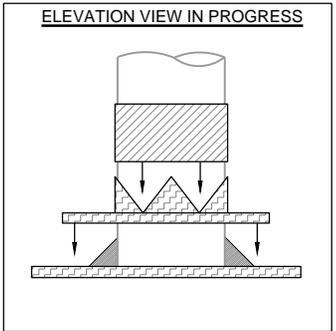
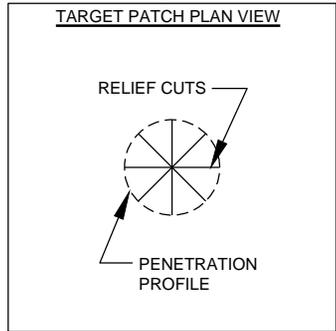
**Description:**

**END LAPS - VERTICAL OR HORIZONTAL**

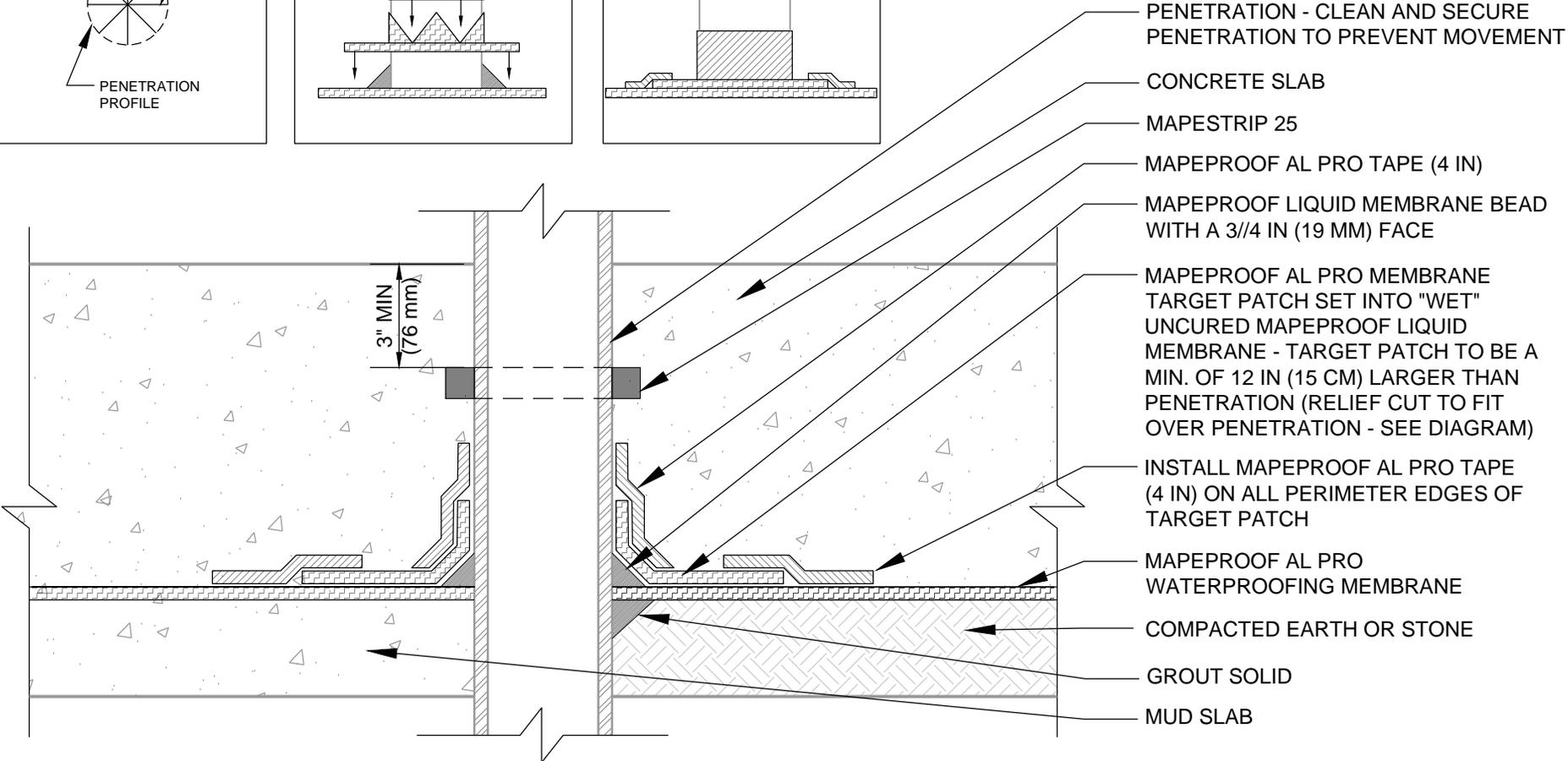
**Supersedes:** 02/01/22  
**Date:** 11/27/24  
**Drawing Number:**  
AL-5A

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

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**NOTES:**  
 MAINTAIN 6 IN (15 CM) BETWEEN PENETRATIONS



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**Description:**

**SLAB PENETRATION**

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**Supersedes:** 02/01/22

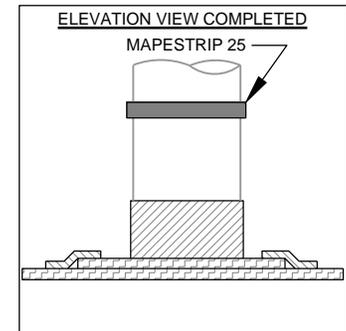
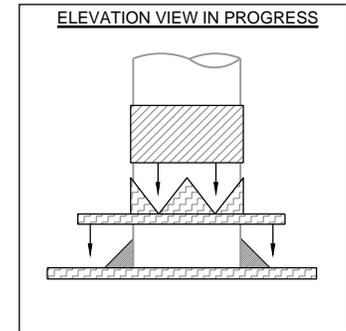
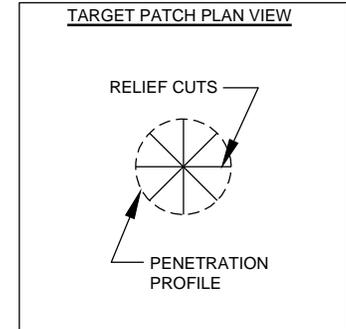
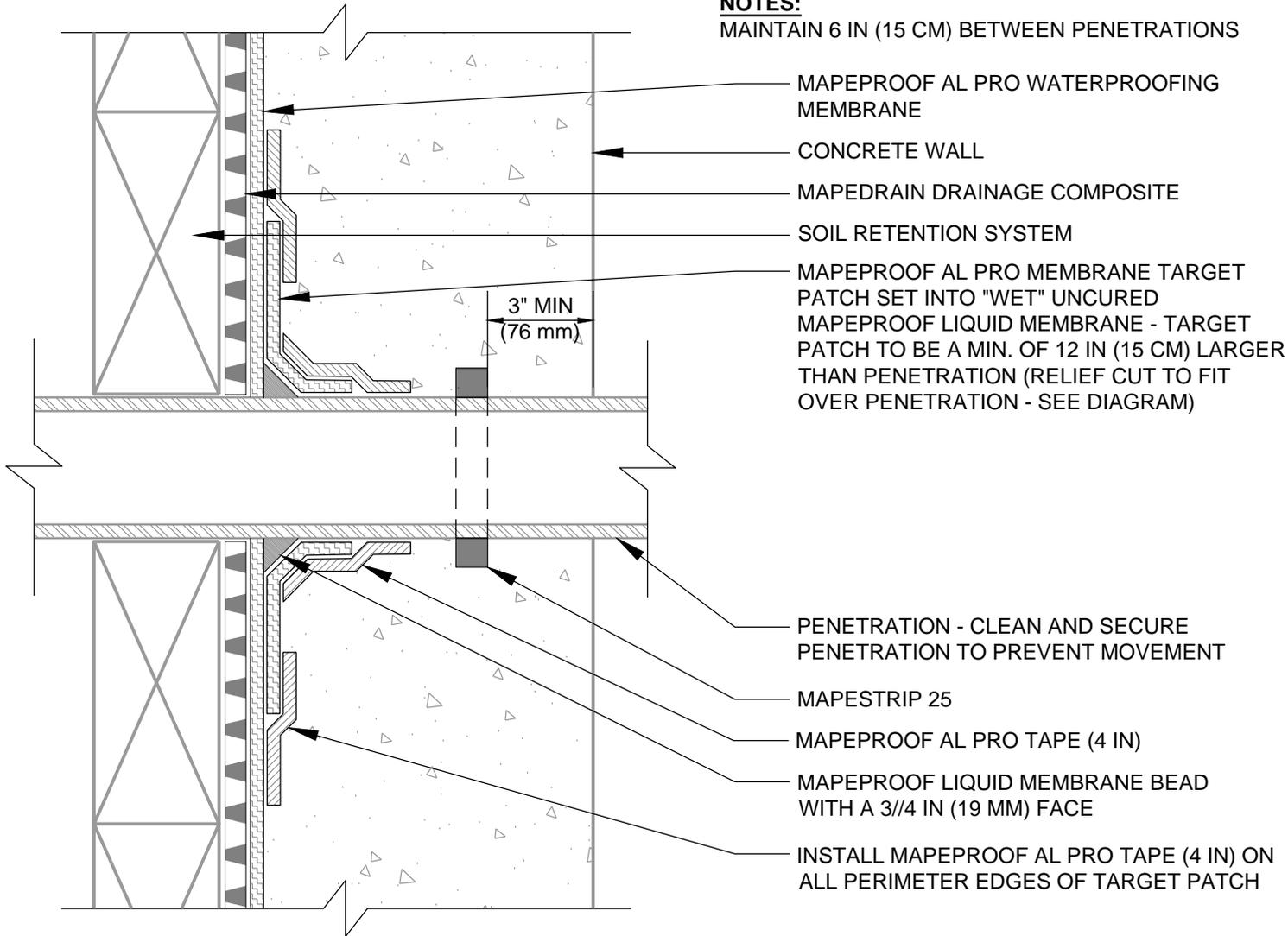
**Date:** 11/27/24

**Drawing Number:**

**AL-6A**

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**NOTES:**  
 MAINTAIN 6 IN (15 CM) BETWEEN PENETRATIONS



PENETRATION - CLEAN AND SECURE PENETRATION TO PREVENT MOVEMENT  
 MAPESTRIP 25  
 MAPEPROOF AL PRO TAPE (4 IN)  
 MAPEPROOF LIQUID MEMBRANE BEAD WITH A 3/4 IN (19 MM) FACE  
 INSTALL MAPEPROOF AL PRO TAPE (4 IN) ON ALL PERIMETER EDGES OF TARGET PATCH

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# WALL PENETRATION

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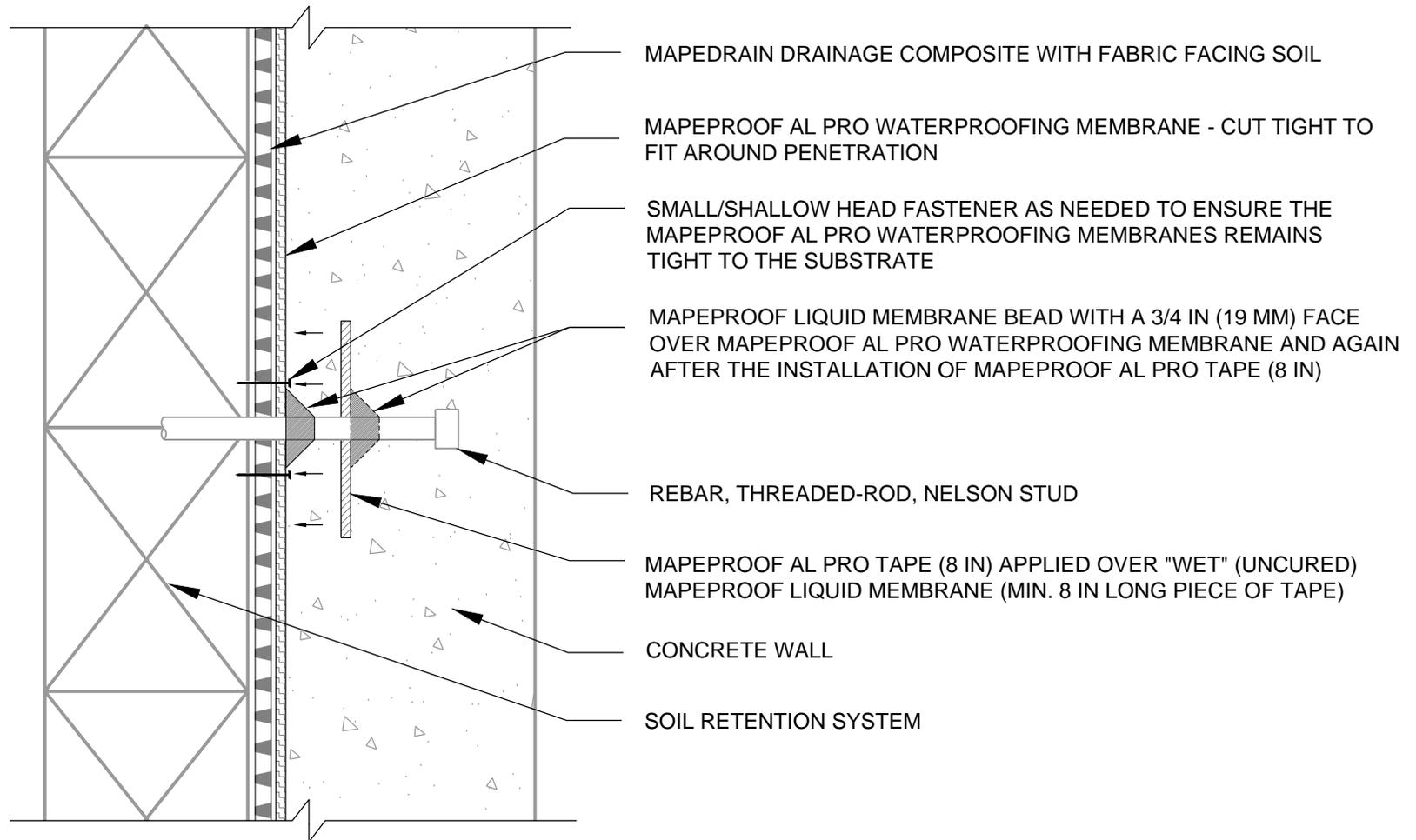
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Drawing Number:

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**Description:**

## REBAR - THREADED-ROD - NELSON STUD

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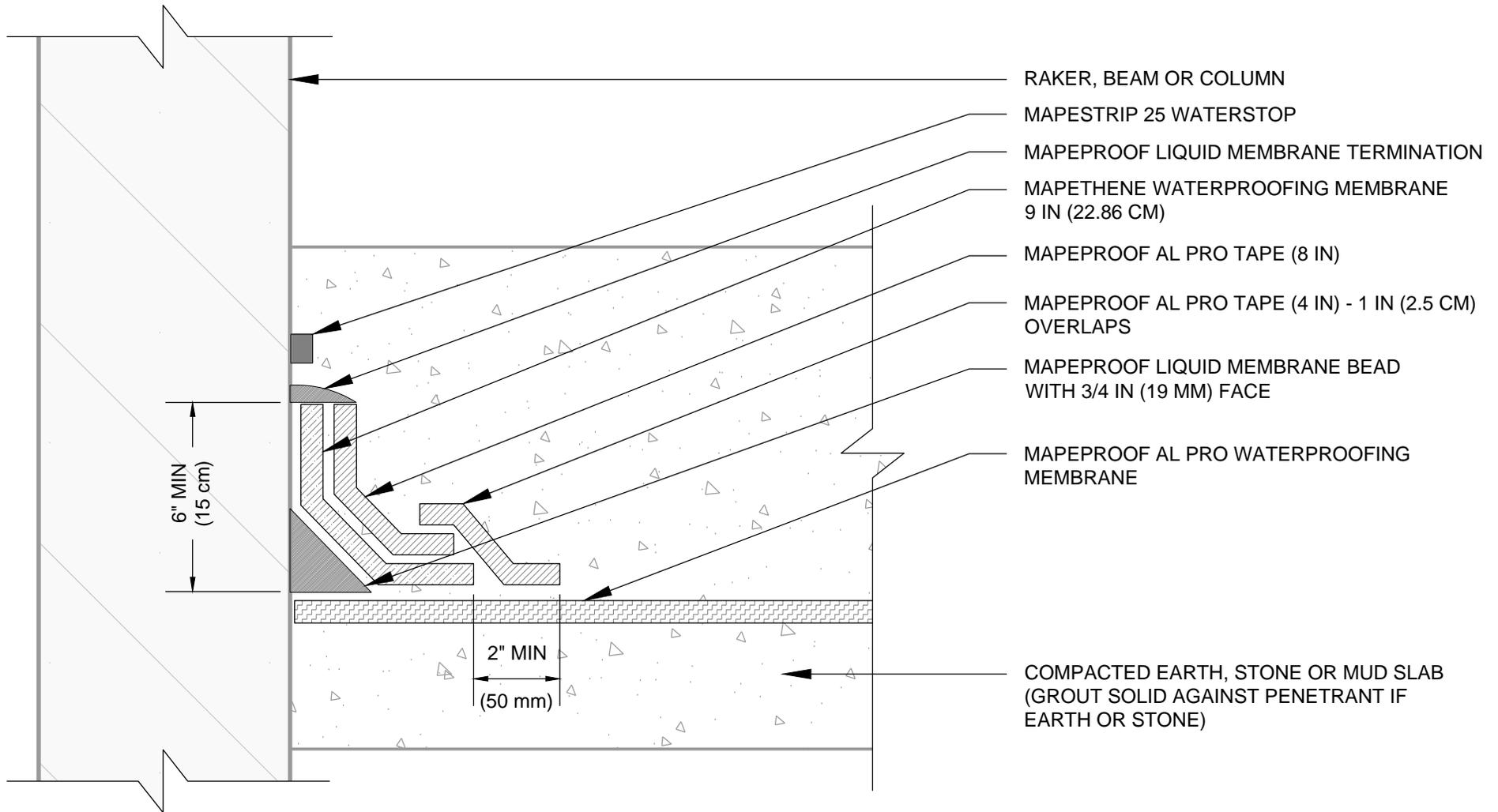
**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

**AL-6C**

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**Description:**

**STRAIGHT EDGE PENETRATION -  
TERMINATION (RAKER - WALTER -  
BEAM - COLUMN)**

*DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY*

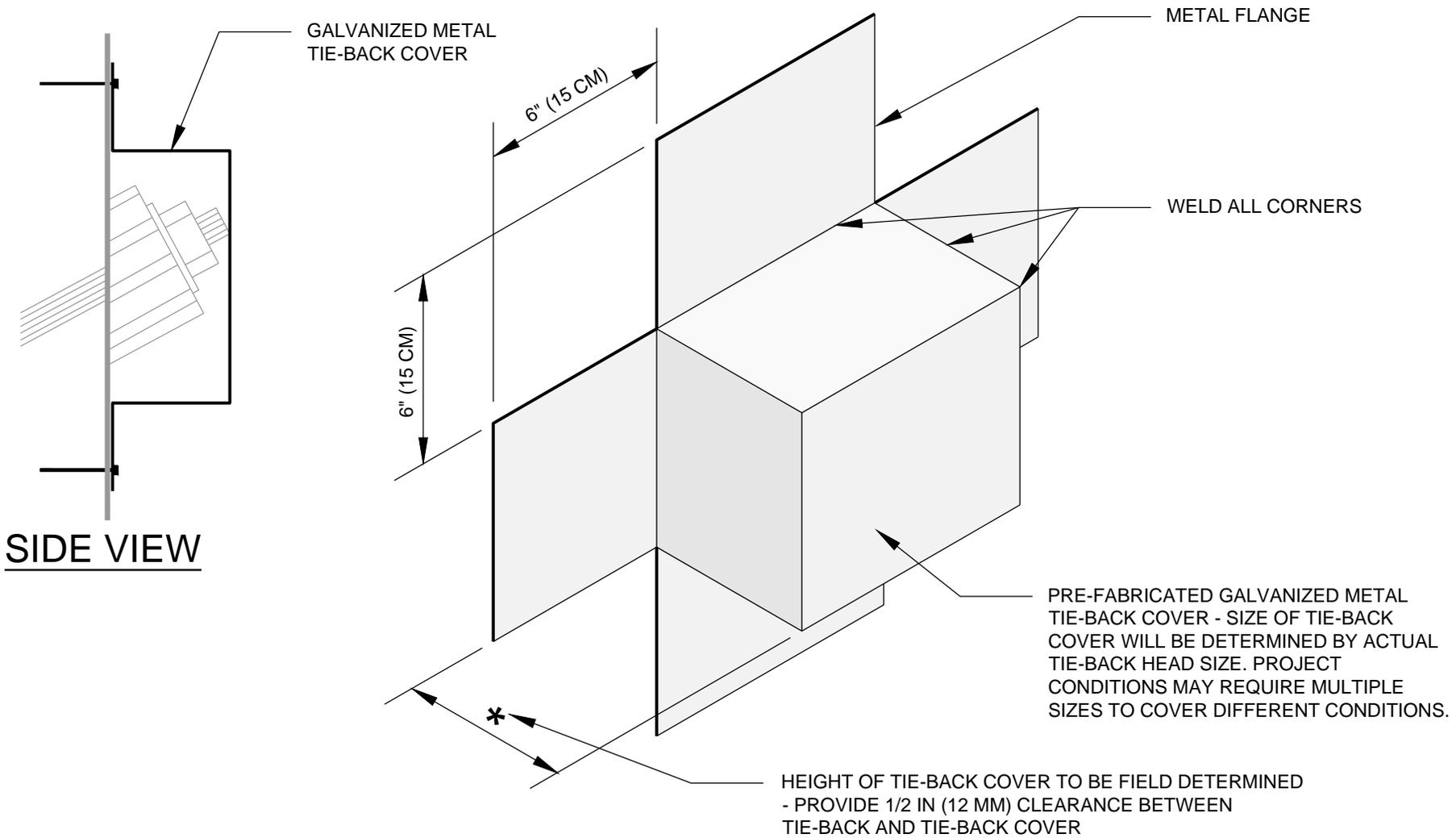
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**Date:** 11/27/24

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**AL-6D**

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**Description:**

**PRE-FABRICATED METAL TIE-BACK  
COVER SPECS**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

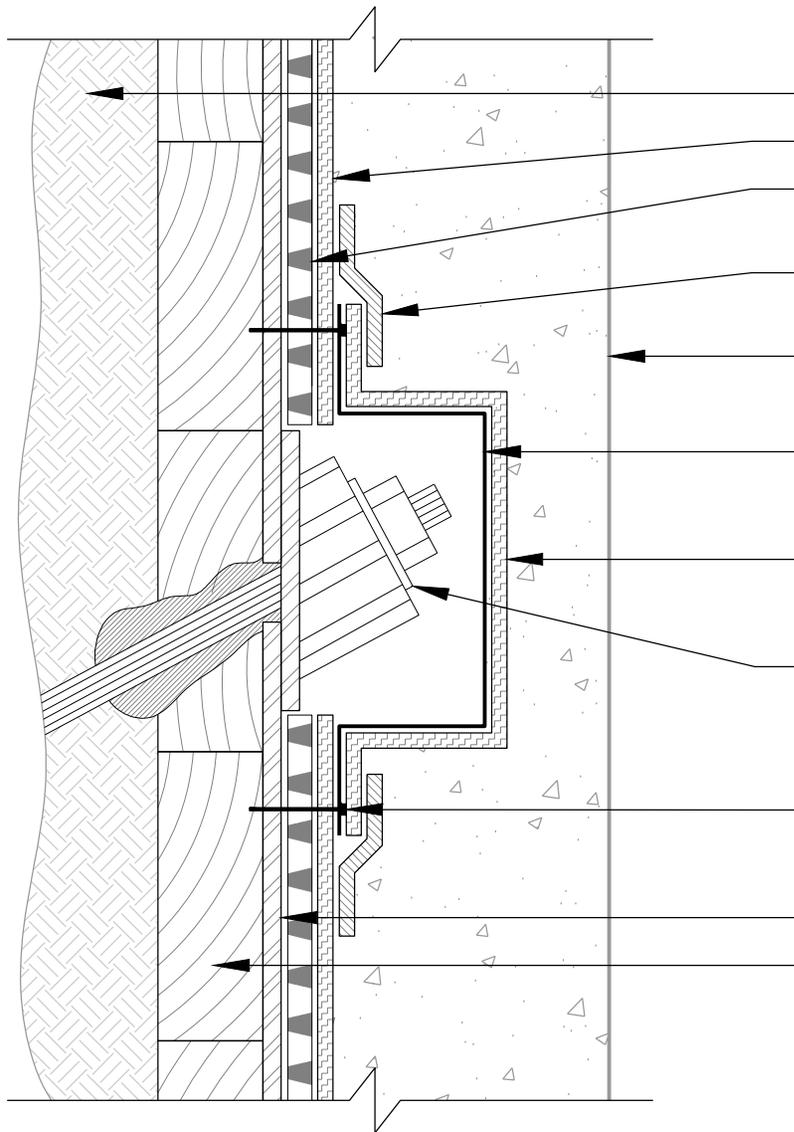
**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

**AL-7A**

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- RETAINED SOIL
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- MAPEDRAIN DRAINAGE COMPOSITE INSTALLED WITH FABRIC TOWARD LAGGING
- MAPEPROOF AL PRO TAPE (4 IN)
- CONCRETE WALL
- PRE-FABRICATED GALVANIZED METAL TIE-BACK COVER WITH 6 IN (15 CM) FLANGES ON ALL SIDES WITH WELDED CORNERS BY OTHERS - SECURE TO SUBSTRATE
- WRAP TIE-BACK COVER WITH MAPEPROOF AL PRO WATERPROOFING MEMBRANE OR MAPEPROOF AL PRO TAPE (IF TAPE IS USED OUTSIDE CORNERS OF THE COVER MUST HAVE DOUBLE COVERAGE)
- TIE-BACK HEAD
- SECURE TIE-BACK COVER WITH FASTENERS AT ALL CORNERS - ADDITIONAL FASTENERS MAY BE REQUIRED TO KEEP FLANGES FLAT OR FOR SECUREMENT
- SOLDIER PILE
- LAGGING

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**Description:**

## PRE-FABRICATED METAL TIE-BACK COVER INSTALLATION

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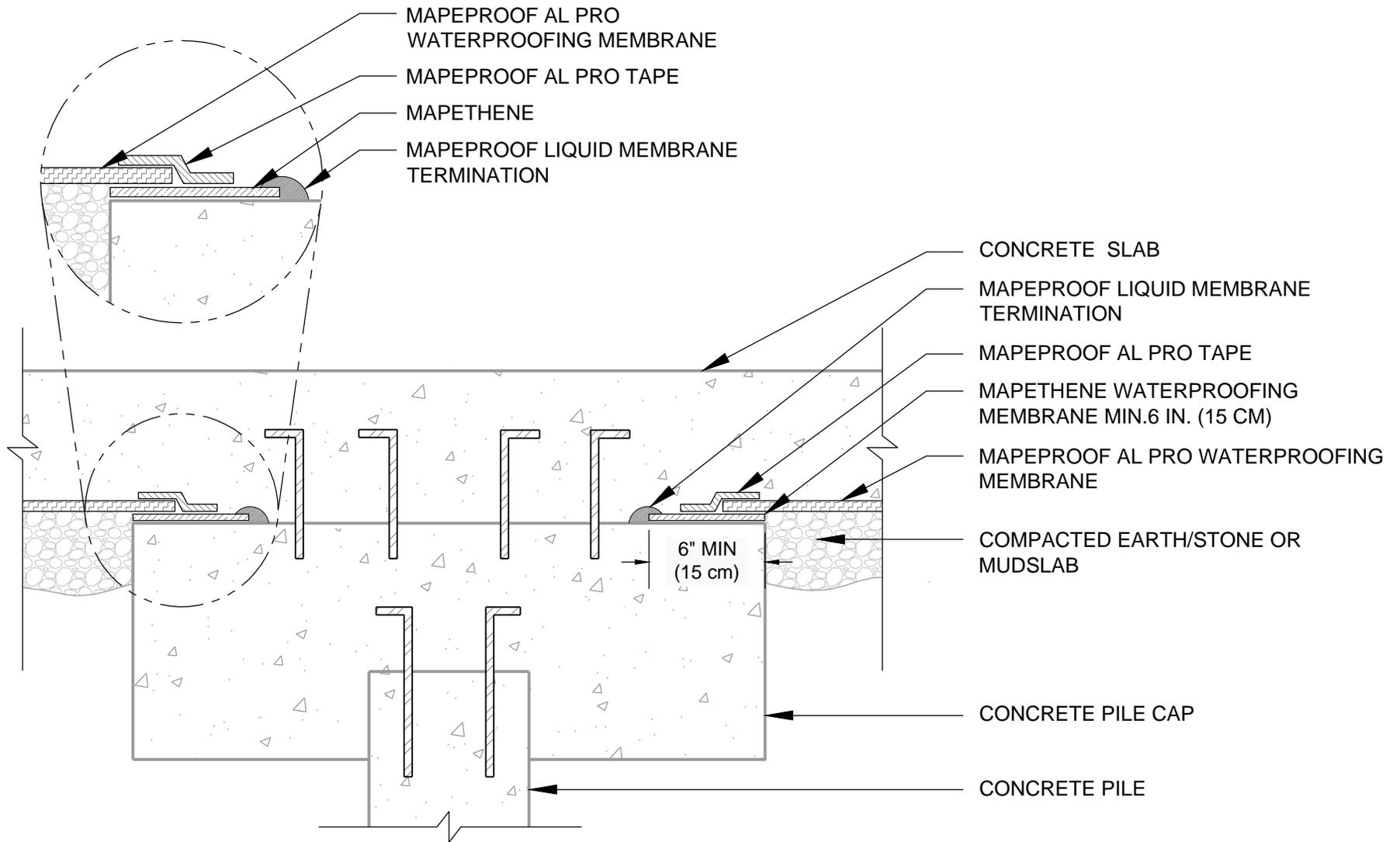
**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

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**Description:**

**PILE CAP  
NON-HYDROSTATIC**

*DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY*

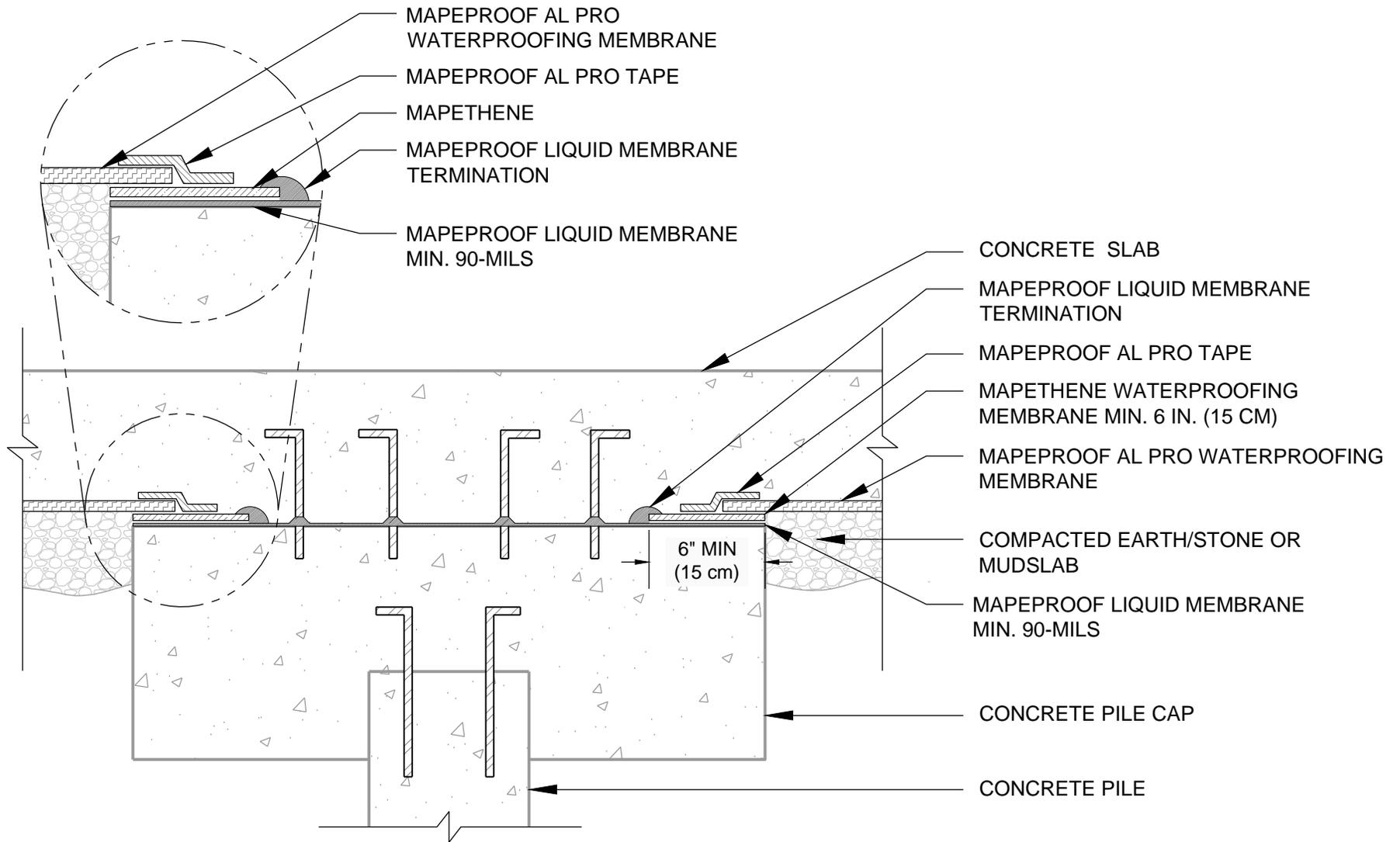
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**Drawing Number:**

**AL-8A**

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**Description:**

## PILE CAP HYDROSTATIC

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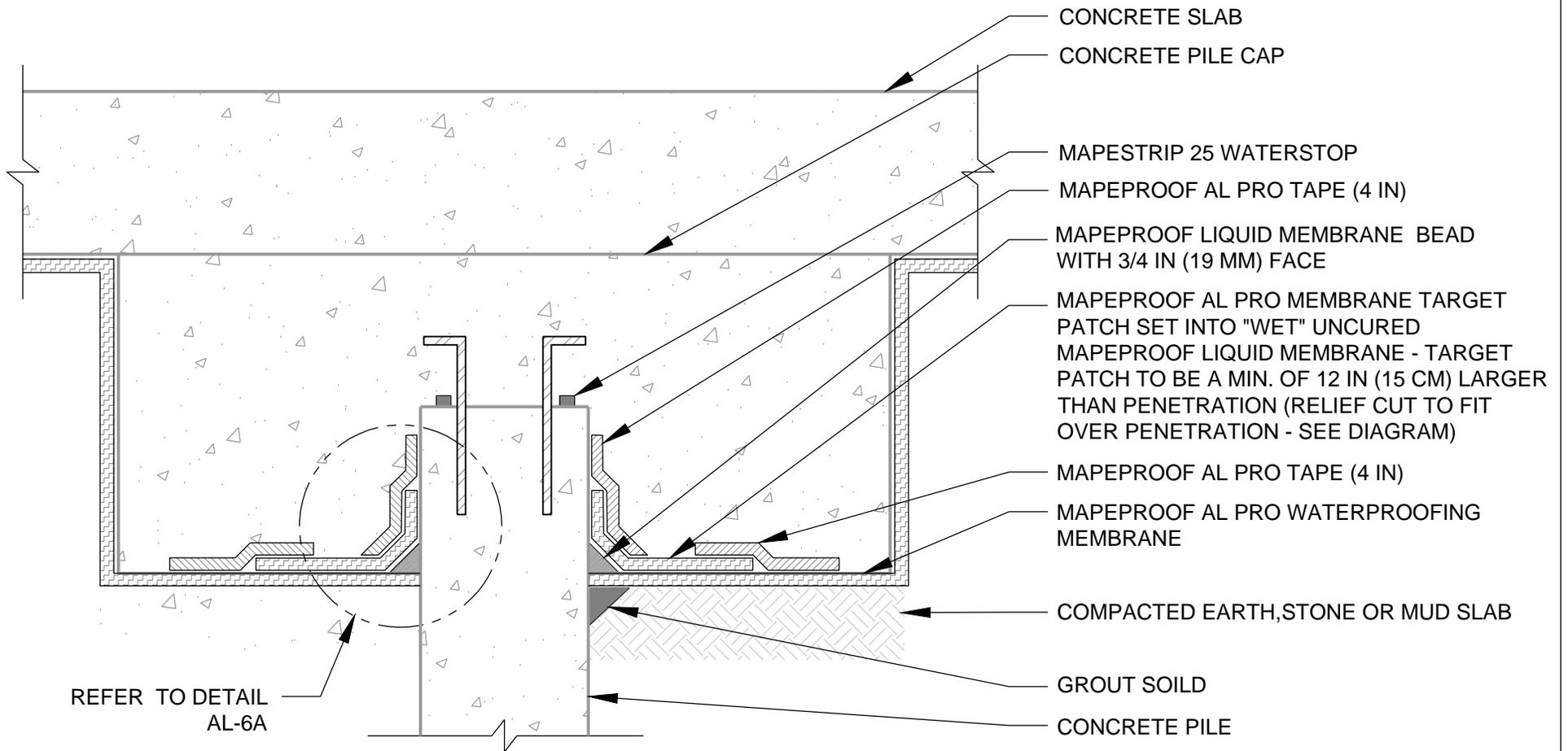
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**Description:**

**PILE HEAD  
NON-HYDROSTATIC**

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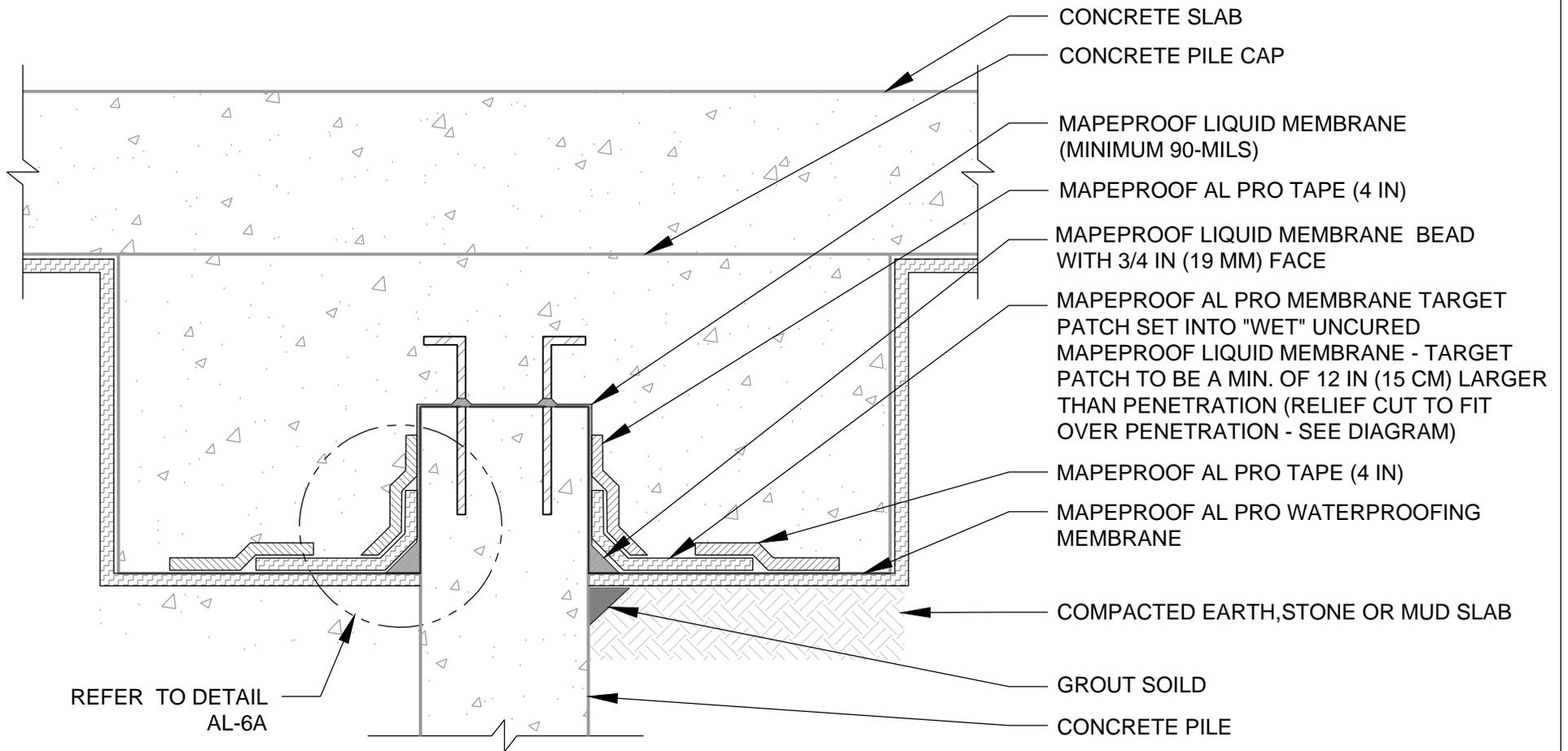
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**Description:**

**PILE HEAD  
HYDROSTATIC**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

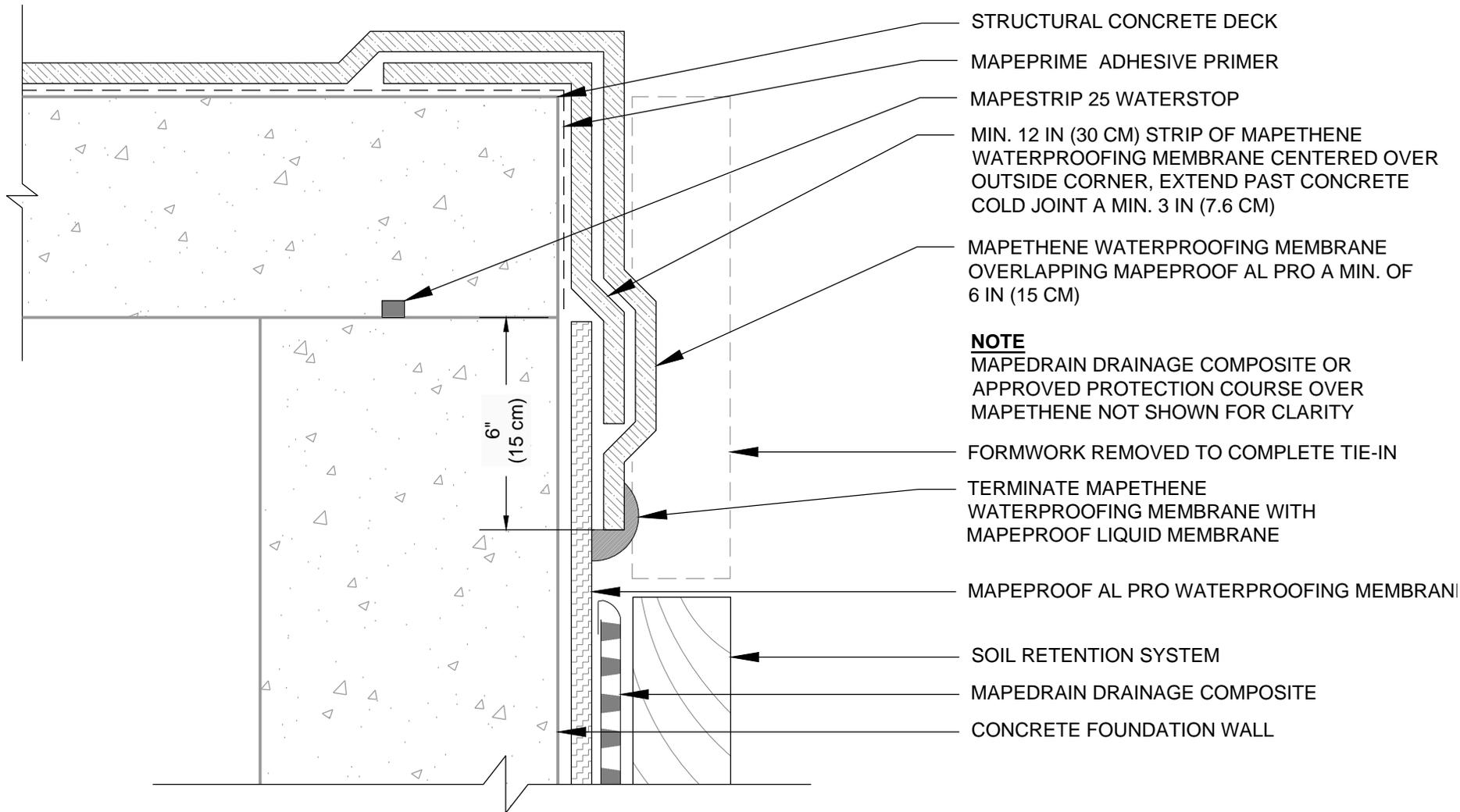
**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

**AL-8D**

DRAWING NOT TO SCALE



- STRUCTURAL CONCRETE DECK
- MAPEPRIME ADHESIVE PRIMER
- MAPESTRIP 25 WATERSTOP
- MIN. 12 IN (30 CM) STRIP OF MAPETHENE WATERPROOFING MEMBRANE CENTERED OVER OUTSIDE CORNER, EXTEND PAST CONCRETE COLD JOINT A MIN. 3 IN (7.6 CM)
- MAPETHENE WATERPROOFING MEMBRANE OVERLAPPING MAPEPROOF AL PRO A MIN. OF 6 IN (15 CM)
- NOTE**  
MAPE DRAIN DRAINAGE COMPOSITE OR APPROVED PROTECTION COURSE OVER MAPETHENE NOT SHOWN FOR CLARITY
- FORMWORK REMOVED TO COMPLETE TIE-IN
- TERMINATE MAPETHENE WATERPROOFING MEMBRANE WITH MAPEPROOF LIQUID MEMBRANE
- MAPEPROOF AL PRO WATERPROOFING MEMBRANE
- SOIL RETENTION SYSTEM
- MAPE DRAIN DRAINAGE COMPOSITE
- CONCRETE FOUNDATION WALL

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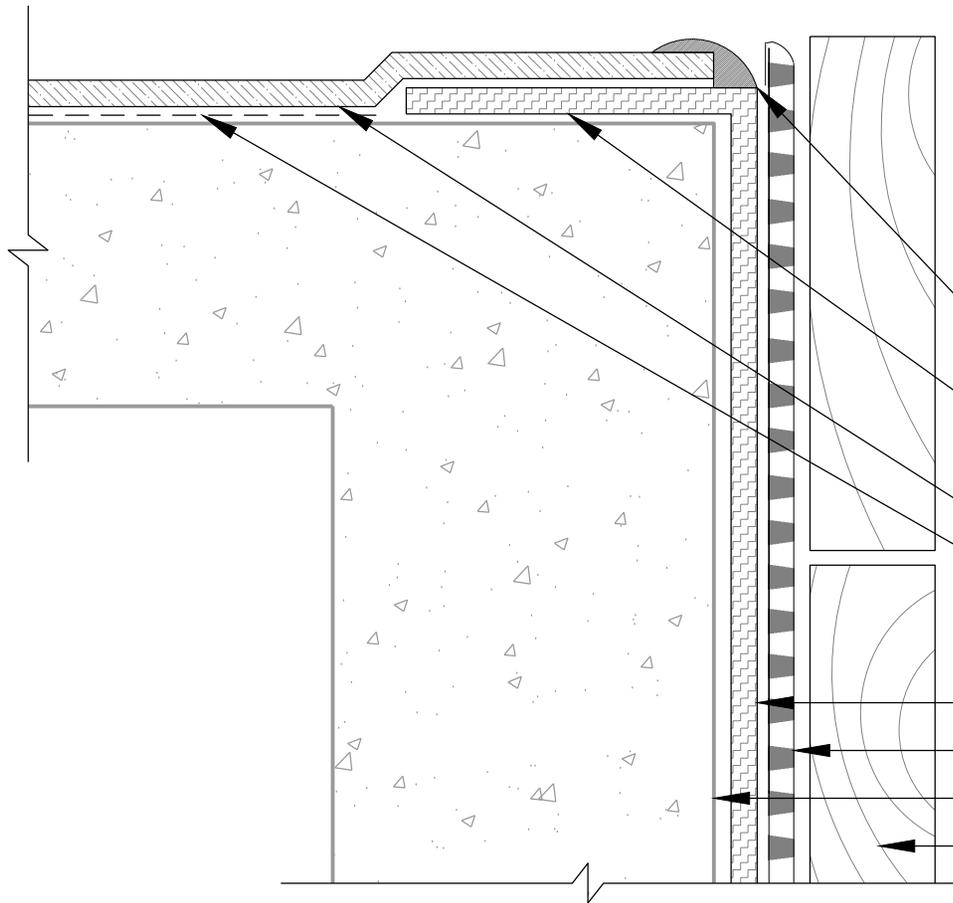
**DECK-FOUNDATION WALL MAPETHENE TO MAPEPROOF AL PRO TIE-IN**

**Supersedes:** 02/01/22  
**Date:** 11/27/24  
**Drawing Number:**  
**AL-9A**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

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# PLAN VIEW



## NOTES

1. AS FORMWORK IS INSTALLED, EXTEND THE MAPEPROOF AL PRO PRO WATERPROOFING MEMBRANE A MIN OF 12 IN (300 MM) INSIDE THE FORMWORK WITH A SHARP CREASE IN THE CORNER CONFORMING TO THE SUBSTRATE AND SECURE TO THE INSIDE OF THE FORM.
2. MAPEDRAIN DRAINAGE COMPOSITE OR APPROVED PROTECTION COURSE OVER MAPETHENE AND MAPEPROOF AL PRO TIE-IN REQUIRED, NOT SHOWN FOR CLARITY.

TERMINATE MAPETHENE WATERPROOFING MEMBRANE WITH MAPEPROOF LIQUID MEMBRANE

EXTEND MAPEPROOF AL PRO PRO WATERPROOFING MEMBRANE A MIN. OF 12 IN. (300 MM) INSIDE THE VERTICAL FORMWORK (SEE NOTE 1)

MAPETHENE WATERPROOFING MEMBRANE

MAPEPRIME ADHESIVE PRIMER

MAPEPROOF AL PRO WATERPROOFING MEMBRANE

MAPEDRAIN DRAINAGE COMPOSITE

STRUCTURAL CONCRETE WALL

SOIL RETENTION SYSTEM

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Description:

## FOUNDATION WALL MAPETHENE TO MAPEPROOF AL PRO TIE-IN

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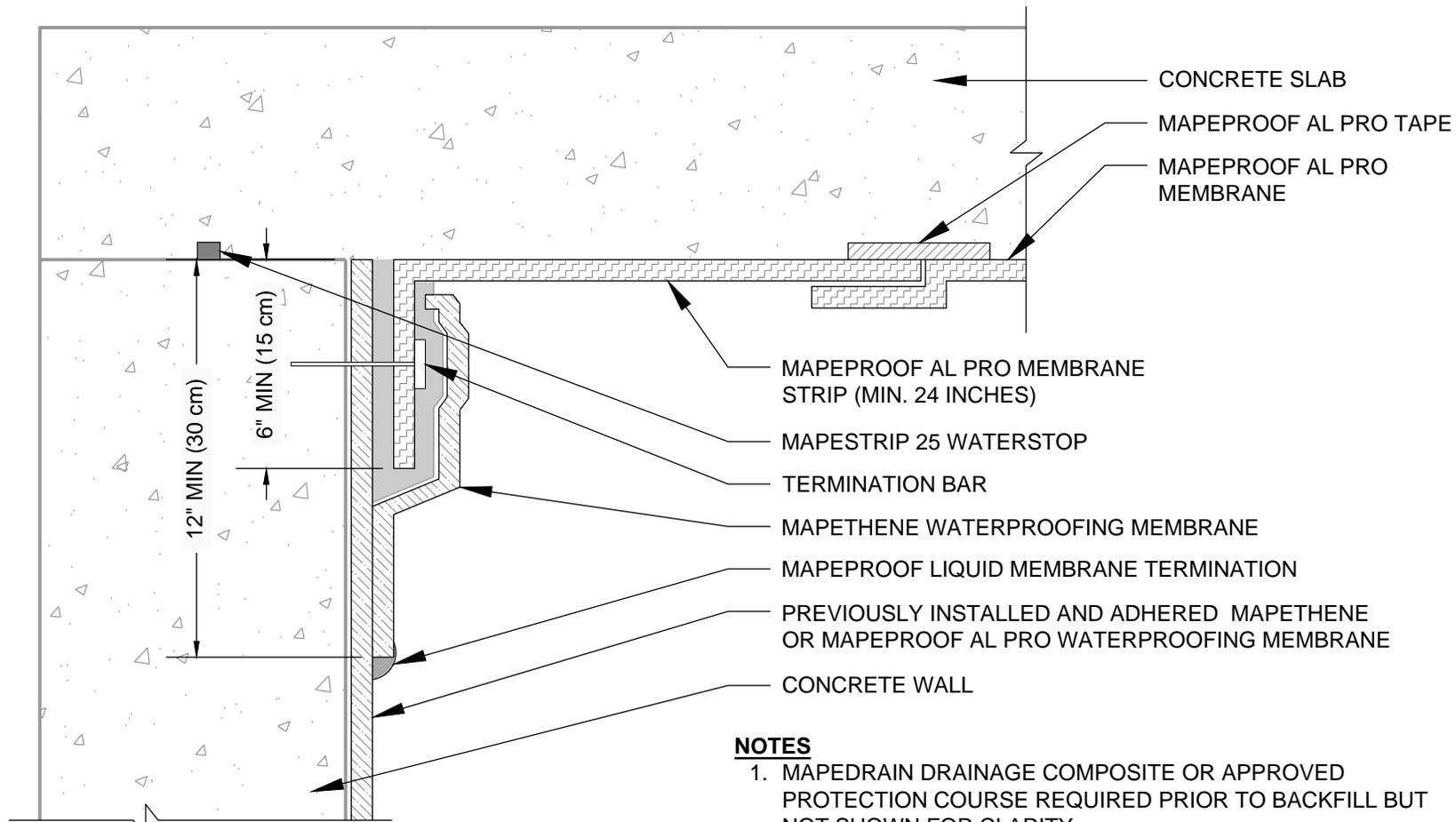
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Date: 11/27/24

Drawing Number:

**AL-9B**

DRAWING NOT TO SCALE



**NOTES**

1. MAPEADRAIN DRAINAGE COMPOSITE OR APPROVED PROTECTION COURSE REQUIRED PRIOR TO BACKFILL BUT NOT SHOWN FOR CLARITY.
2. MAPEPROOF AL PRO STRIP MUST BE SET INTO "WET" UNCURED MAPEPROOF LIQUID MEMBRANE AND PROTECTED DURING BACKFILL AND COMPACTION.

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**Description:**

**MAPEPROOF AL PRO TIE-IN TO EXISTING  
MAPETHENE OR MAPEPROOF AL PRO**

DETAILS ARE INTENDED TO BE A GUIDE FOR WATERPROOFING INSTALLATION ONLY

**Supersedes:** 02/01/22

**Date:** 11/27/24

**Drawing Number:**

**AL-9C**

DRAWING NOT TO SCALE