

MiraWELD™
PRE-APPLIED/BLINDSIDE
WATERPROOFING
SYSTEM



February 24 , 2021

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CCW MIRAWELD™ DETAIL LIST (1 of 2):

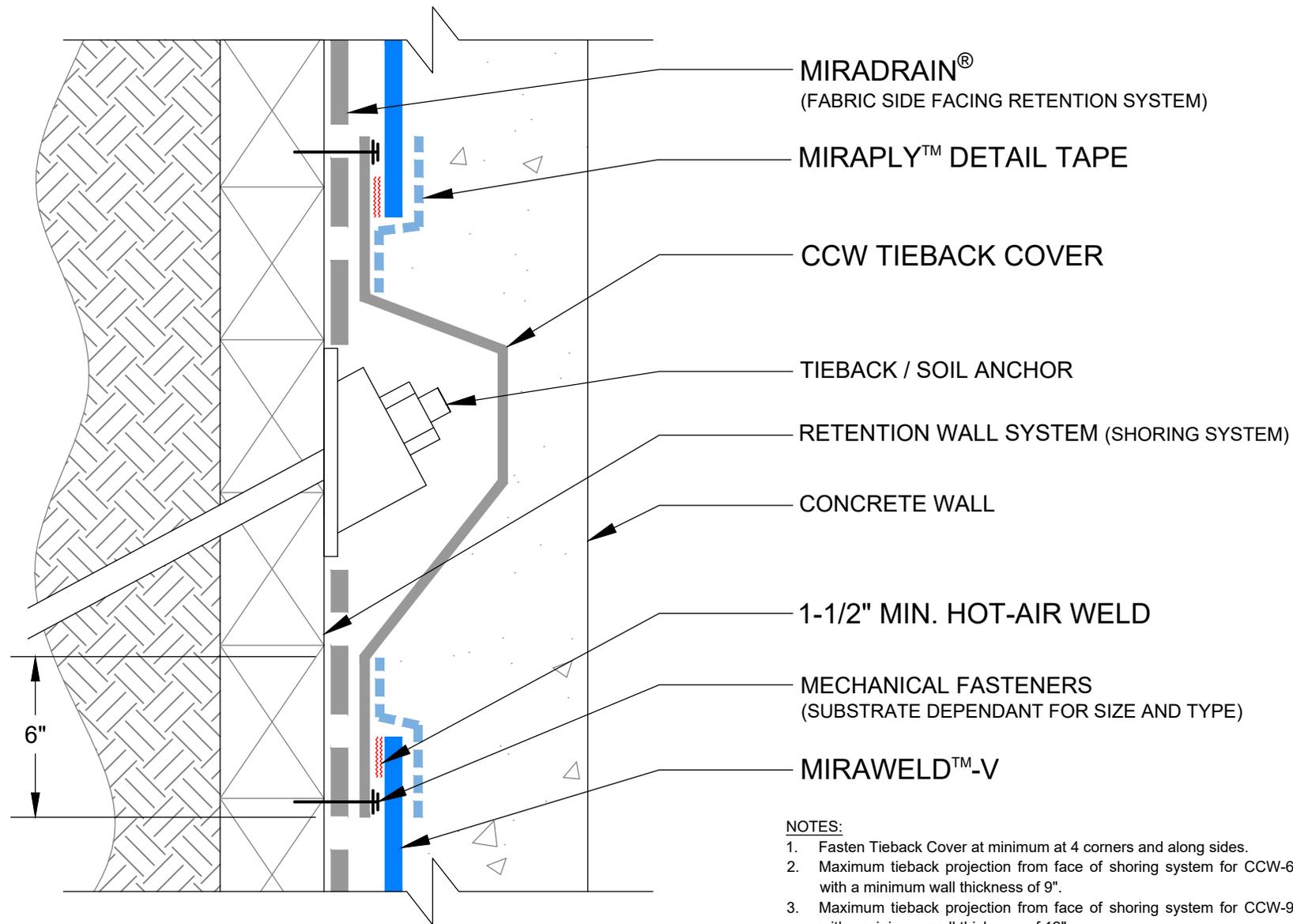
- MW-10 TIEBACK/ SOIL ANCHOR
- MW-11 DETENSIONED TIEBACK (CONCRETE BLOCKOUT)
- MW-12 WALER
- MW-20A PILE HEAD w/ INJECTABLE WATERSTOP
- MW-20B PILE HEAD
- MW-21A PILE CAP
- MW-21B PILE CAP TIE-IN w/ INJECTABLE WATERSTOP
- MW-21C PILE CAP TIE-IN
- MW-40A SLAB PENETRATION w/ INJECTABLE WATERSTOP
- MW-40B SLAB PENETRATION
- MW-41A WALL PENETRATION w/ INJECTABLE WATERSTOP
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- MW-100A SLAB TO BLINDSIDE WALL TIE-IN w/ INJECTABLE WATERSTOP
- MW-100B SLAB TO BLINDSIDE WALL TIE-IN



CCW MIRAWELD™ DETAIL LIST (2 of 2):

- MW-101A BLINDSIDE WALL TO ELEVATED SLAB TIE-IN w/ INJECTABLE WATERSTOP
- MW-101B BLINDSIDE WALL TO ELEVATED SLAB TIE-IN
- MW-110 MIRAWELD™ - MIRADRI™ 860/861 FOOTING TIE-IN
- MW-111 MIRAWELD™ - MIRADRI™ 860/861 SLAB TIE-IN
- MW-112 MIRAWELD™ - MIRADRI™ 860/861 WALL TIE-IN
- MW-113 MIRAWELD™ - MIRADRI™ 860/861 ADJACENT WALL TIE-IN
- MW-114 MIRAWELD™ - MIRADRI™ 860/861 WALL TO ELEVATED SLAB TIE-IN
- MW-115 MIRAWELD™ - MIRADRI™ 860/861 WALL TO DECK TIE-IN
- MW-120 MIRAWELD™ - MIRASEAL™ FOOTING TIE-IN
- MW-121 MIRAWELD™ - MIRASEAL™ SLAB TIE-IN
- MW-122 MIRAWELD™ - MIRASEAL™ WALL TIE-IN
- MW-123 MIRAWELD™ - MIRASEAL™ ADJACENT WALL TIE-IN
- MW-124 MIRAWELD™ - MIRASEAL™ WALL TO ELEVATED SLAB TIE-IN
- MW-125 MIRAWELD™ - MIRASEAL™ WALL TO DECK TIE-IN
- MW-135 MIRAWELD™ - CCW-500R WALL TO DECK TIE-IN
- MW-142A MIRAWELD™ - MIRACLAY™ BLINDSIDE WALL TIE-IN w/ INJECTABLE WATERSTOP
- MW-142B MIRAWELD™ - MIRACLAY™ BLINDSIDE WALL TIE-IN
- MW-142C MIRAWELD™ - MIRACLAY™ WALL TIE-IN w/ INJECTABLE WATERSTOP
- MW-142D MIRAWELD™ - MIRACLAY™ WALL TIE-IN
- MW-152A MIRAWELD™ - MIRABOND™ BLINDSIDE WALL TIE-IN w/ INJECTABLE WATERSTOP
- MW-152B MIRAWELD™ - MIRABOND™ BLINDSIDE WALL TIE-IN
- MW-162A MIRAWELD™ - MIRAPLY™ BLINDSIDE WALL TIE-IN w/ INJECTABLE WATERSTOP
- MW-162B MIRAWELD™ - MIRAPLY™ BLINDSIDE WALL TIE-IN





- MIRADRAIN®
(FABRIC SIDE FACING RETENTION SYSTEM)
- MIRAPLY™ DETAIL TAPE
- CCW TIEBACK COVER
- TIEBACK / SOIL ANCHOR
- RETENTION WALL SYSTEM (SHORING SYSTEM)
- CONCRETE WALL
- 1-1/2" MIN. HOT-AIR WELD
- MECHANICAL FASTENERS
(SUBSTRATE DEPENDANT FOR SIZE AND TYPE)
- MIRAWELD™-V

- NOTES:**
1. Fasten Tieback Cover at minimum at 4 corners and along sides.
 2. Maximum tieback projection from face of shoring system for CCW-6 Tieback Cover is 6" with a minimum wall thickness of 9".
 3. Maximum tieback projection from face of shoring system for CCW-9 Tieback Cover is 9" with a minimum wall thickness of 12".
 4. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
 5. Refer to Technical Data Sheets for additional information.

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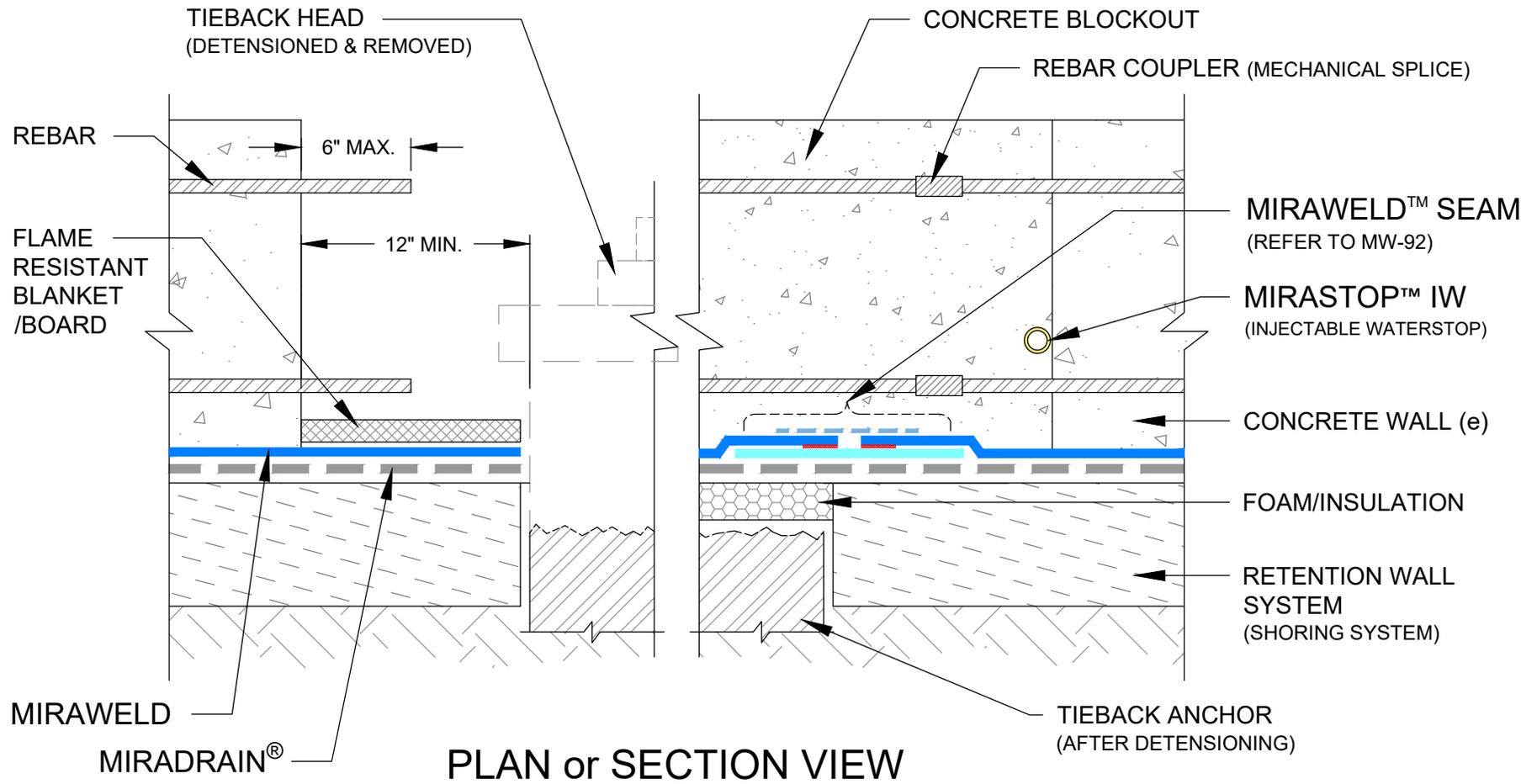
MW-10

MiraWELD™ BLINDSIDE WATERPROOFING

TIEBACK / SOIL ANCHOR



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NOTES:

1. Protect the MiraWELD from physical damage and cutting, torching or similar operations.
2. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete blockout pour/formwork and protect from damage.
3. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
4. Allow concrete blockout to cure a minimum of 28 days prior to grouting the MiraSTOP IW with MiraSTOP Chemical Grouts.
5. Refer to Technical Data Sheets for additional information.

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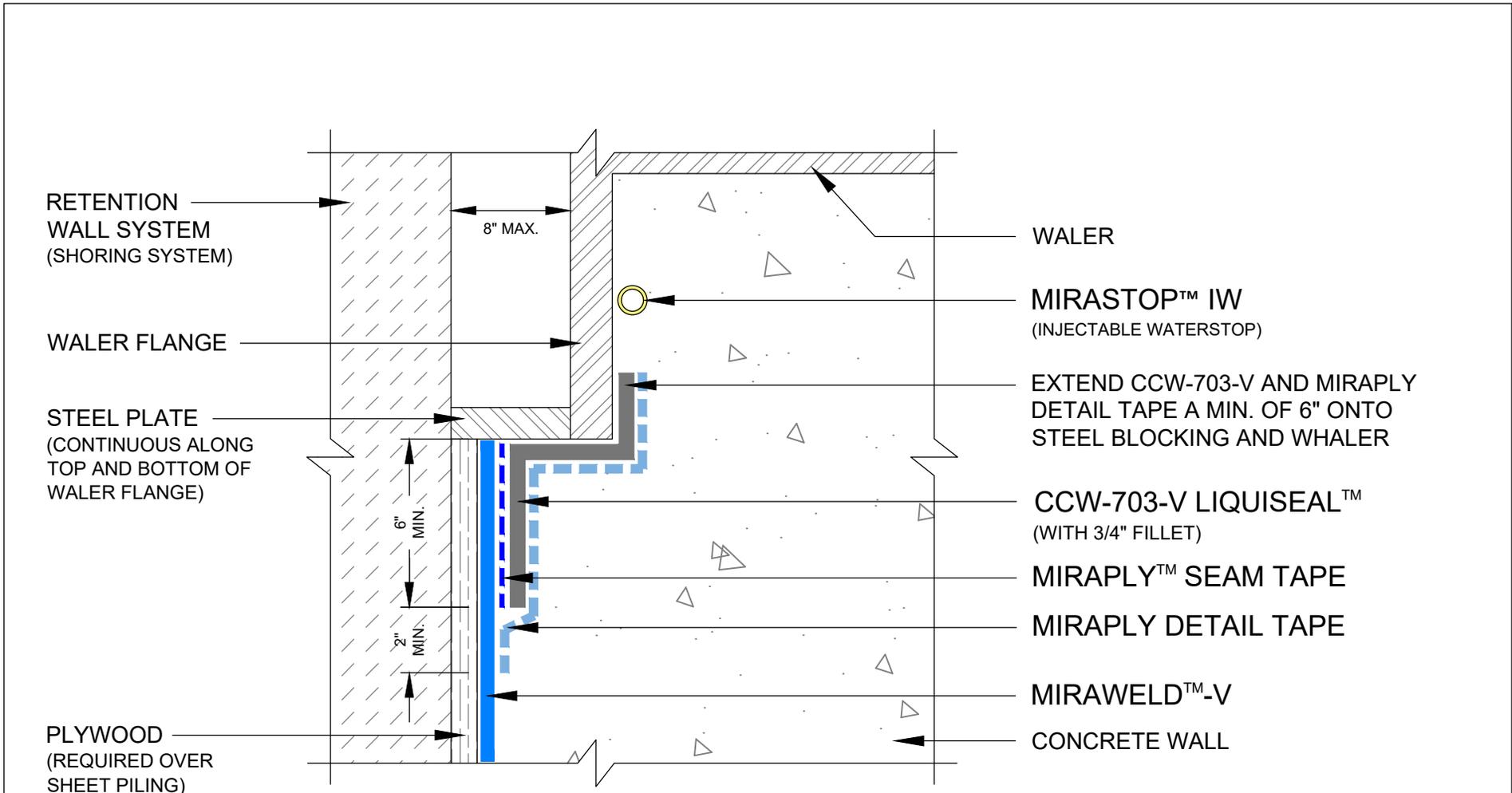
MW-11

MiraWELD™ BLINDSIDE WATERPROOFING

DETENSIONED TIEBACK (CONCRETE BLOCKOUT)



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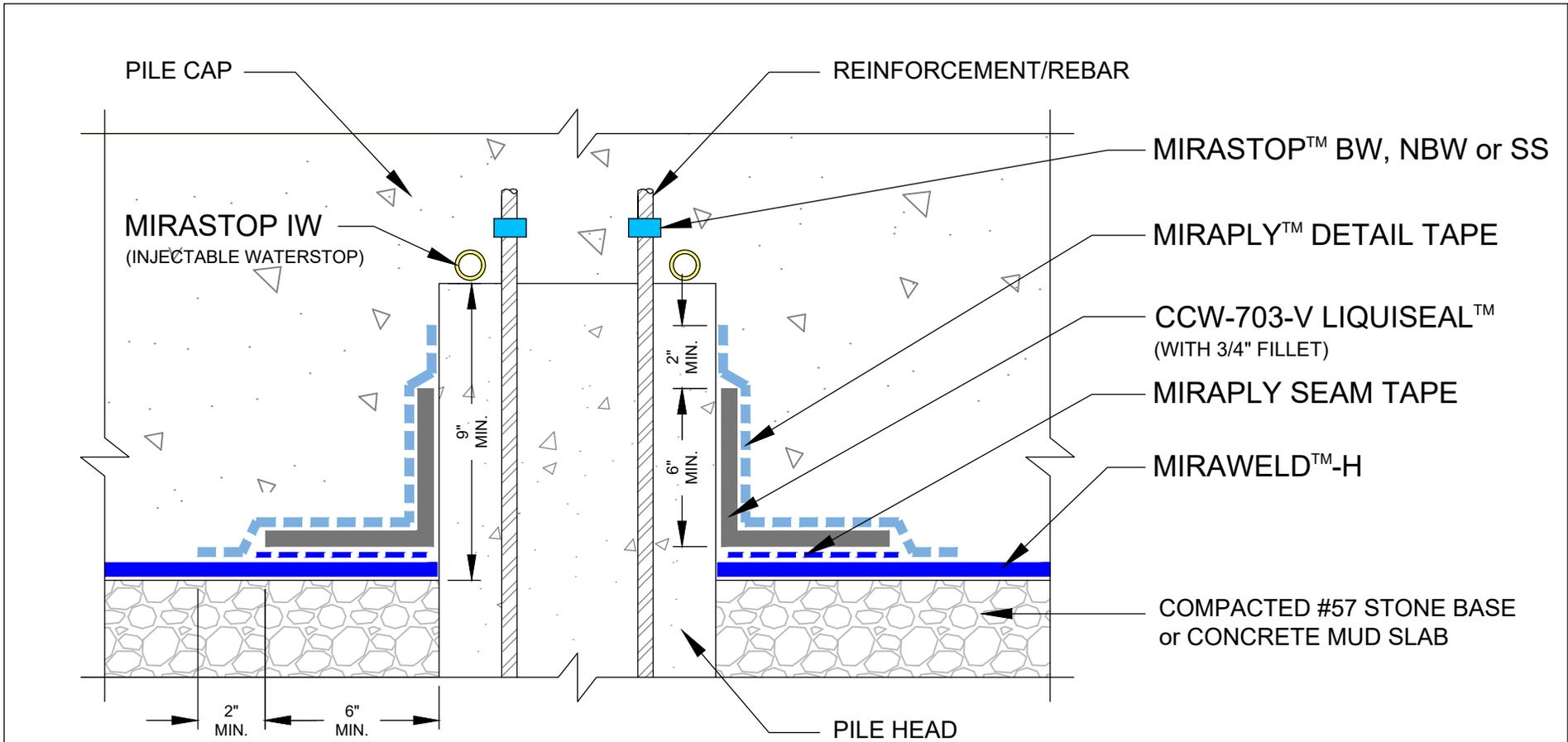
NOTES:

1. Steel blocking and Waler must be abraded and cleaned to remove dirt, rust and all contaminants prior to application of the CCW-703-V.
2. If steel members (e.g. support bracket, saddles, etc.) are going to be removed by cutting, torching or similar operations, protect the MiraWELD from physical damage and burn hazards.
3. If the Waler is going to be partially removed by cutting, torching or similar operations, protect the MiraWELD from physical damage and burn hazards.
4. If the gap between Shoring System and Waler Flange is > 8", install MiraWELD as per standard requirements and detail brackets, saddles etc. as penetrations per MW-41.
5. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete blockout pour/formwork and protect from damage.
6. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
7. Refer to Technical Data Sheet for additional information.

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MW-12

MiraWELD™ BLINDSIDE WATERPROOFING
WALER





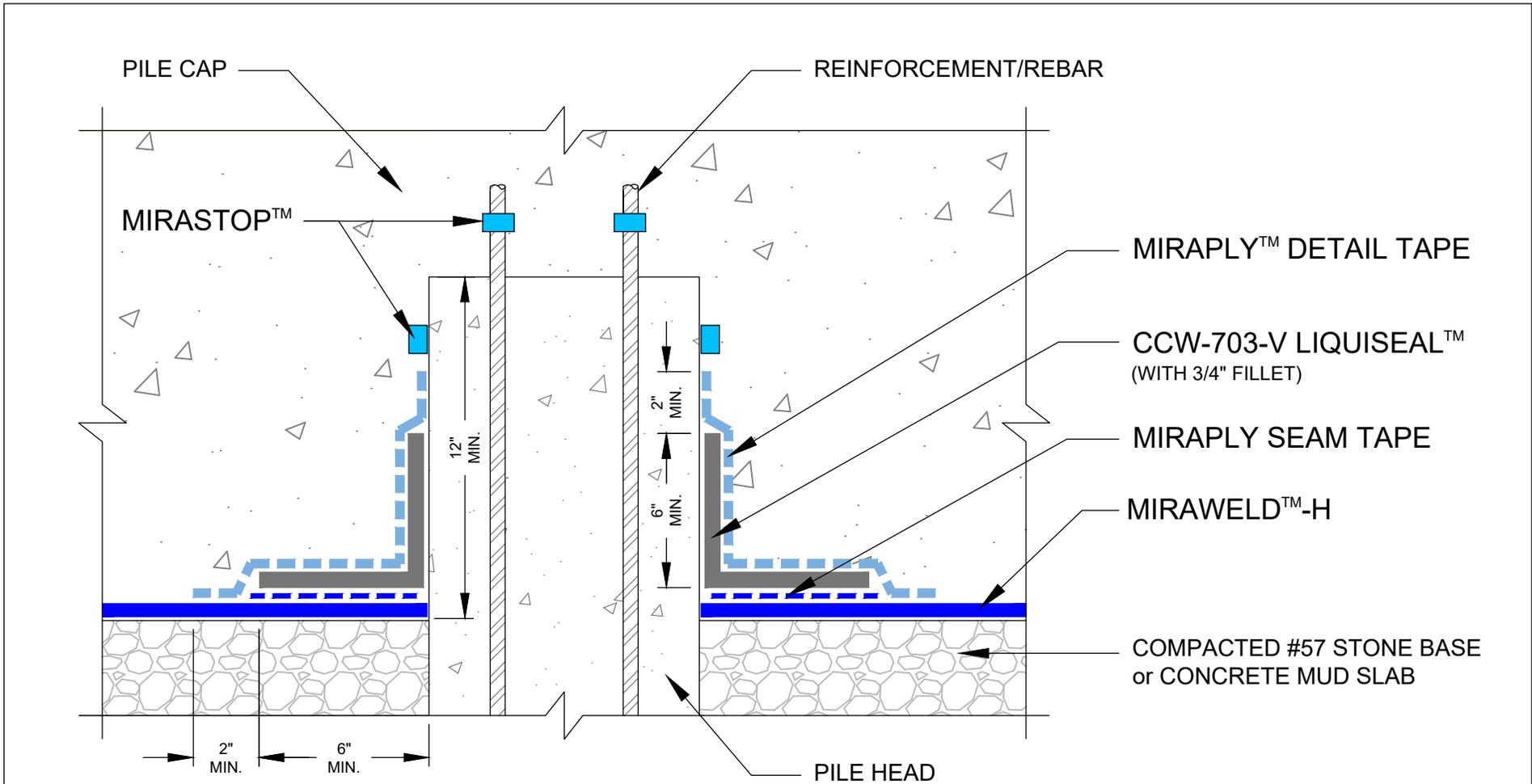
NOTES:

1. Pile head shall be prepared to provide a smooth, uniform, sound, and clean substrate with a Concrete Surface Profile of 2-5.
2. Keep MiraPLY Seam Tape nominally 1/4" away from Pile Head.
3. Allow any repair material to fully cure prior to application of CCW-703-V Liqueisal.
4. Refer to MiraWELD penetration details MW-40A & 40B for additional information.
5. Ensure minimum 12" clearance between pile heads.
6. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete pour/formwork and protect from damage.
7. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
8. Allow pile cap to cure a minimum of 28 days prior to grouting the MiraSTOP IW with MiraSTOP Chemical Grouts.
9. Refer to Technical Data Sheets for additional information.

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MW-20A

MiraWELD™ BLINDSIDE WATERPROOFING
 PILE HEAD with INJECTABLE WATERSTOP





NOTES:

1. Pile head shall be prepared to provide a smooth, uniform, sound, and clean substrate with a Concrete Surface Profile of 2-5.
2. Keep MiraPLY Seam Tape nominally 1/4" away from Pile Head.
3. Allow any repair material to fully cure prior to application of CCW-703-V Liqueal.
4. Refer to MiraWELD penetration details MW-40A & 40B for additional information.
5. Ensure minimum 12" clearance between pile heads.
6. Refer to Technical Data Sheet for additional information.

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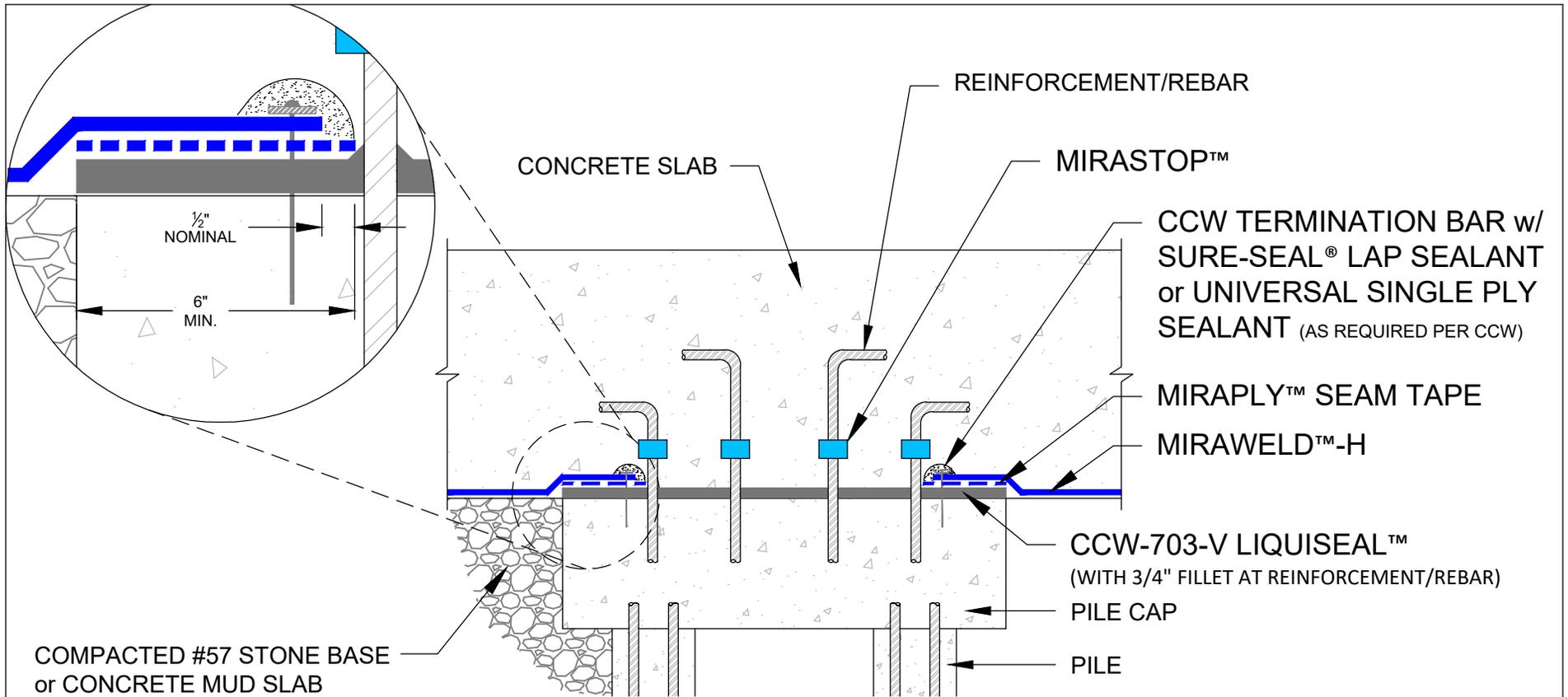
MiraWELD™ BLINDSIDE WATERPROOFING

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MW-20B

PILE HEAD





NOTES:

1. Embed the MiraPLY Seam Tape into partially cured CCW-703-V prior to MiraWELD-H installation.
2. Ensure the sealant fully encapsulates the term bar.
3. Refer to Technical Data Sheets for additional information.

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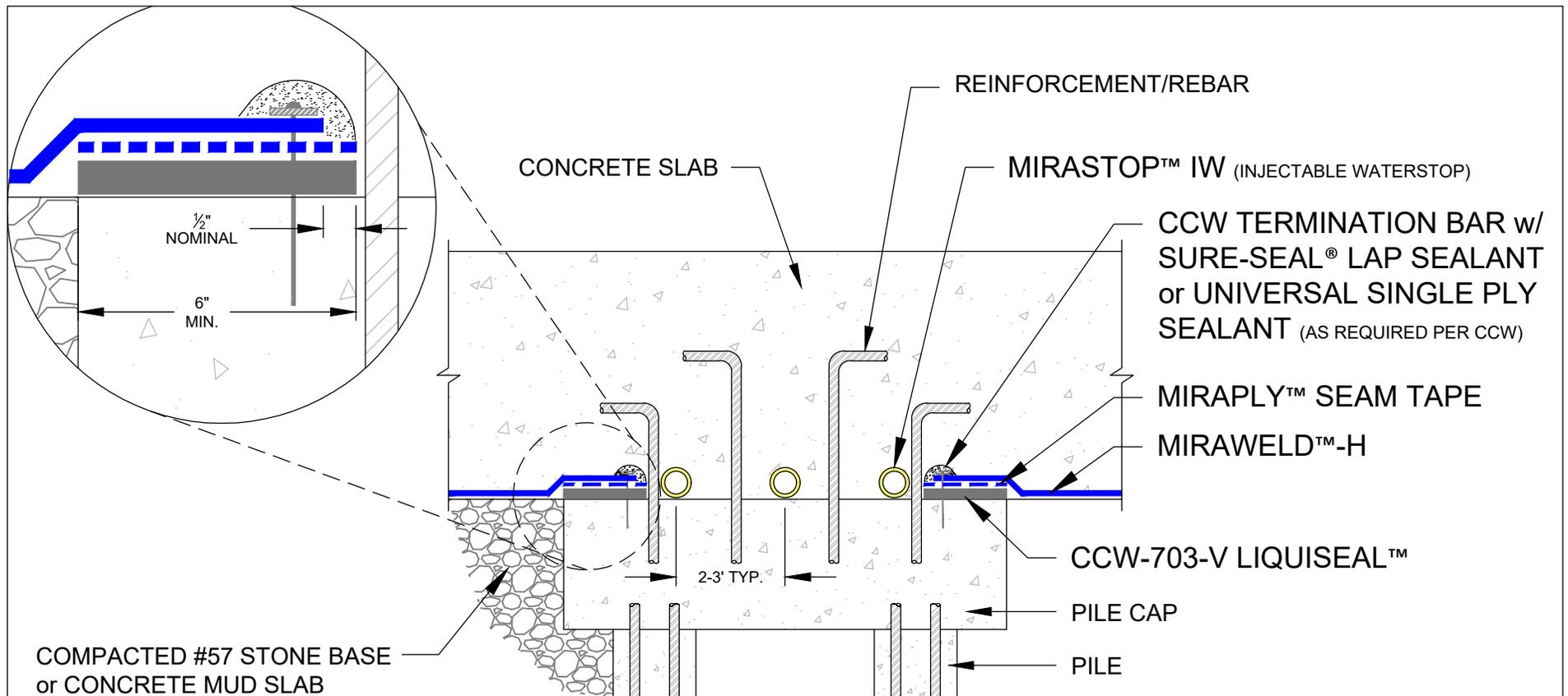
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MW-21A

PILE CAP

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NOTES:

1. Embed the MiraPLY Seam Tape into partially cured CCW-703-V prior to MiraWELD-H installation.
2. Ensure the sealant fully encapsulates the term bar.
3. Install additional rows of MiraSTOP IW at 2-3' on-center for larger pile caps.
4. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete pour/formwork and protect from damage.
5. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
6. Allow concrete slab to cure a minimum of 28 days prior to grouting the MiraSTOP IW with MiraSTOP Chemical Grouts.
7. Refer to Technical Data Sheets for additional information.

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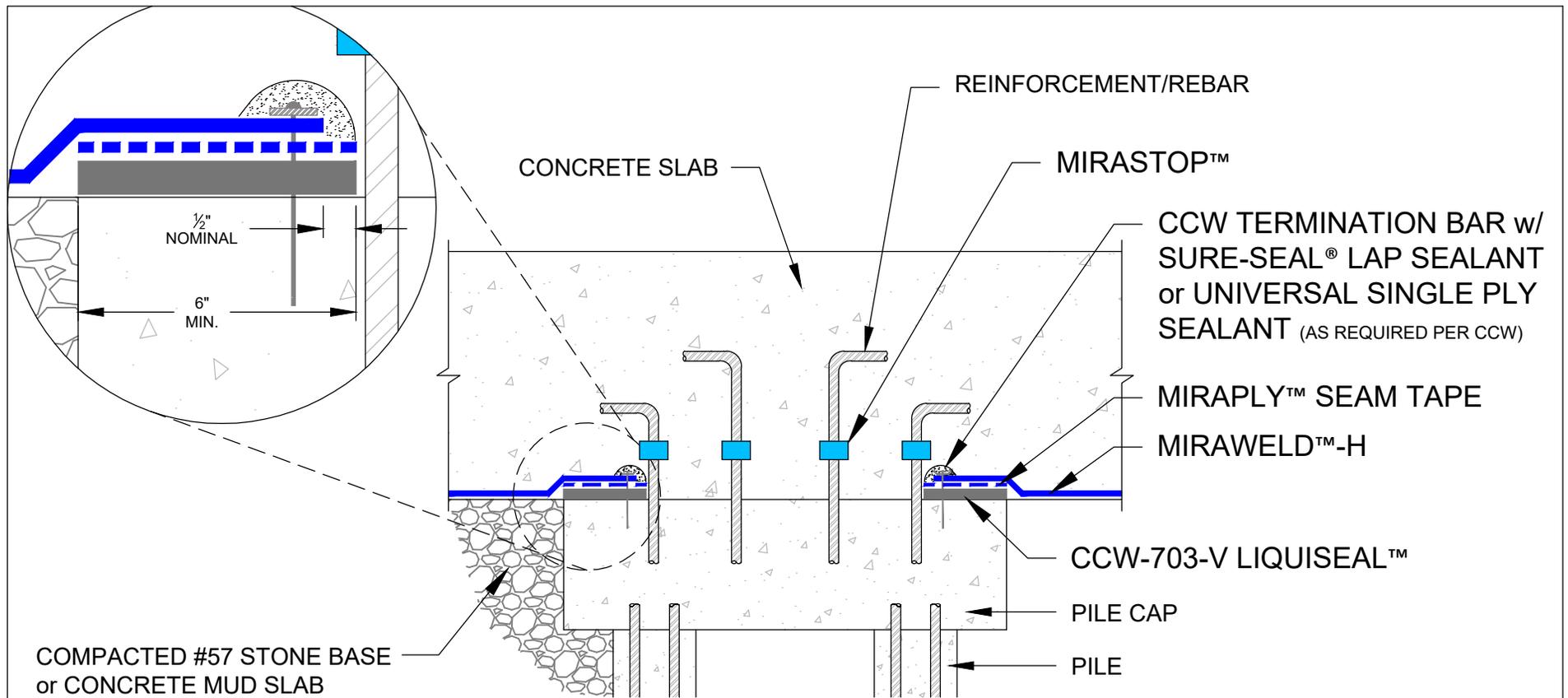
MW-21B

MiraWELD™ BLINDSIDE WATERPROOFING

PILE CAP TIE-IN with INJECTABLE WATERSTOP



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NOTES:

1. Embed the MiraPLY Seam Tape into partially cured CCW-703-V prior to MiraWELD-H installation.
2. Ensure the sealant fully encapsulates the term bar.
3. Apply CCW-703-V over the entire pile cap if allowed by the Structural Engineer of Record (Refer to MW-21A).
4. Refer to Technical Data Sheets for additional information.

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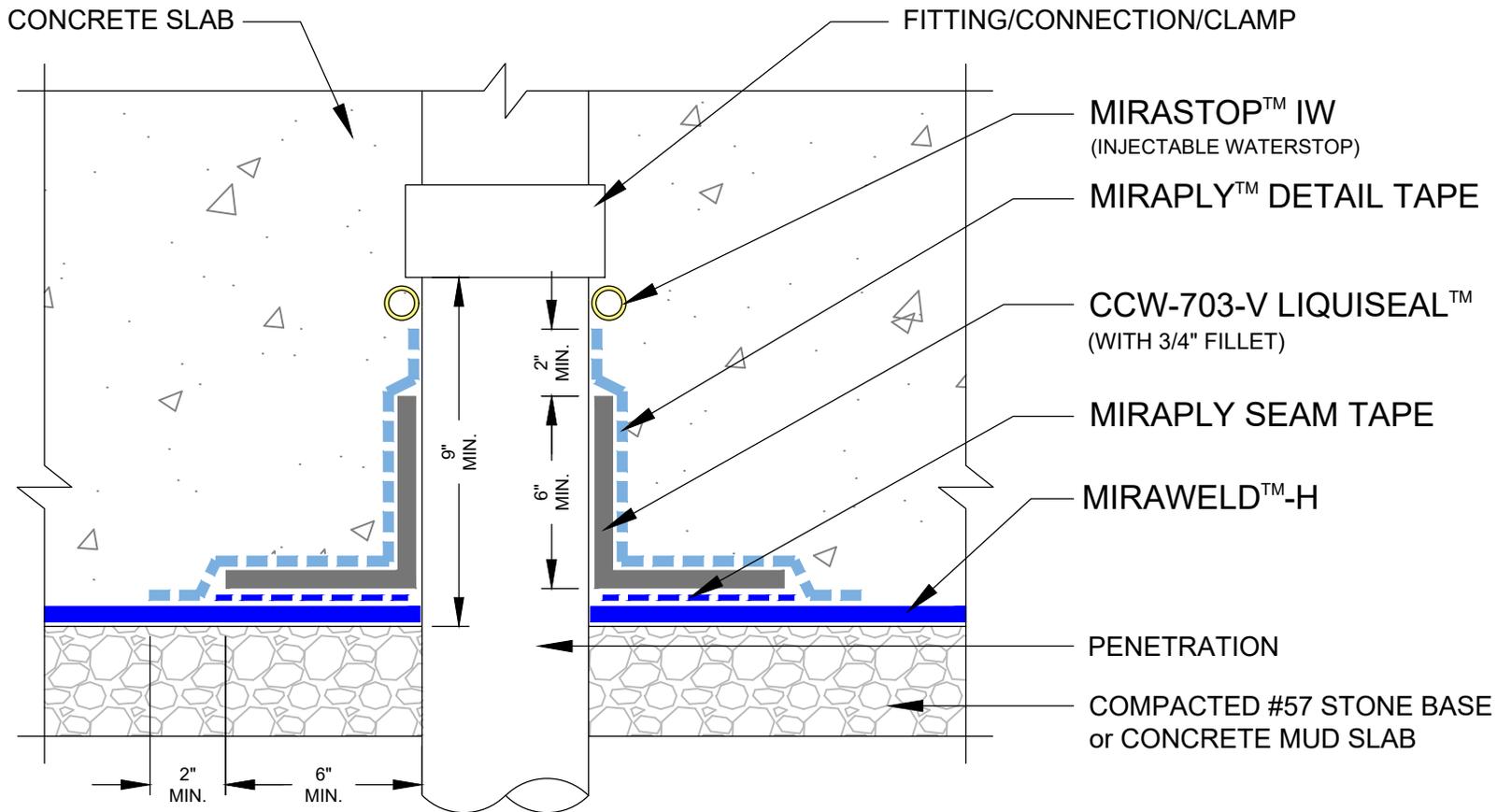
MW-21C

MiraWELD™ BLINDSIDE WATERPROOFING

PILE CAP TIE-IN



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NOTES:

1. Steel penetration must be abraded to a bright finish.
2. PVC penetration must be abraded.
3. Concrete penetration must be prepped to a Concrete Surface Profile of 2-5.
4. All penetrations shall be shall sound, secure and stable, and free of any dirt, rust or other contaminants.
5. Ensure minimum 6" clearance between penetrations.
6. Keep MiraPLY Seam Tape nominally 1/4" away from Penetration.
7. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete pour/formwork and protect from damage.
8. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
9. Allow concrete to cure a minimum of 28 days prior to grouting the MiraSTOP IW with MiraSTOP Chemical Grouts.
10. Refer to Technical Data Sheet for additional information.

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MiraWELD™ BLINDSIDE WATERPROOFING

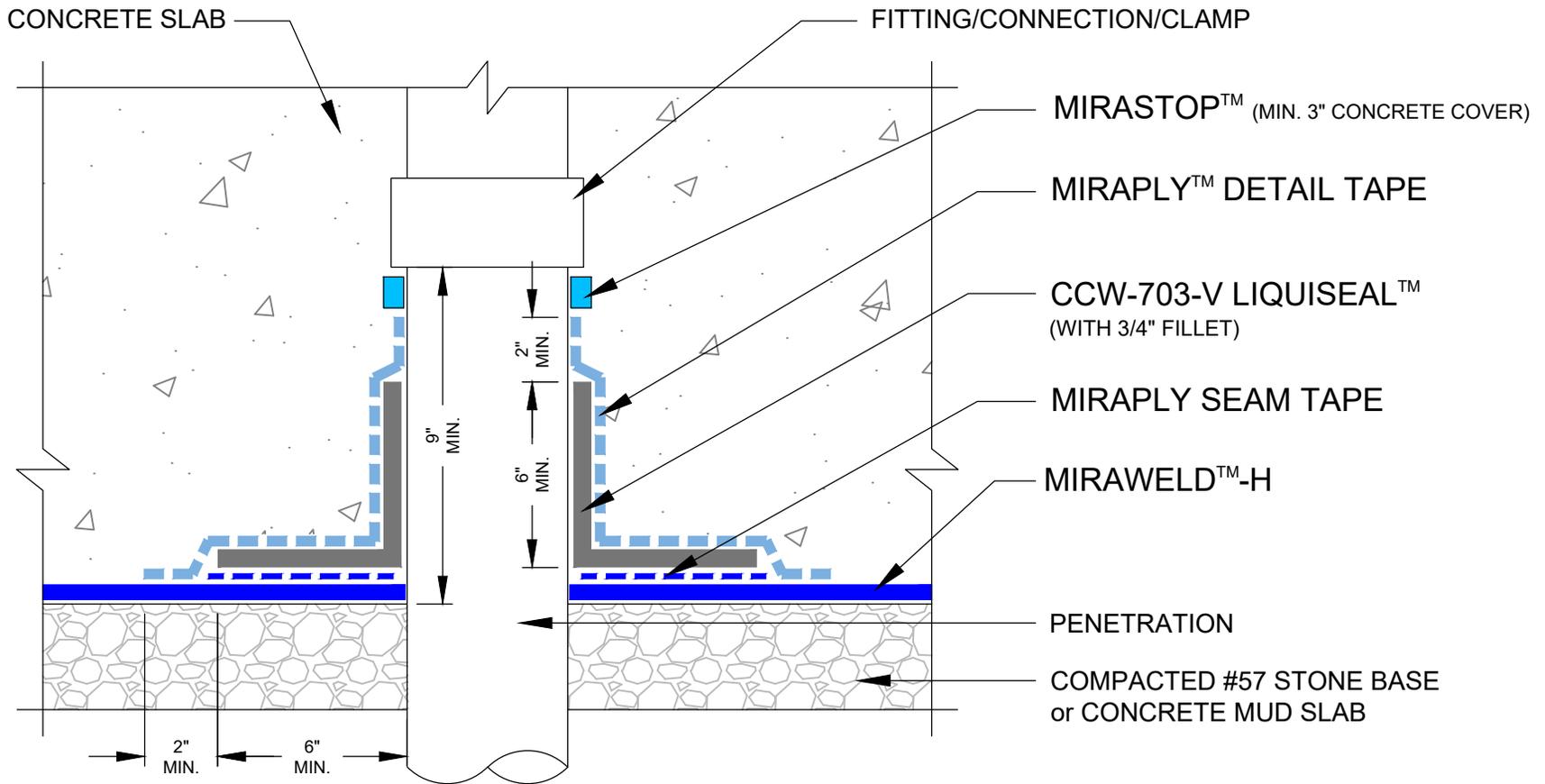
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SLAB PENETRATION with INJECTABLE WATERSTOP

MW-40A



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NOTES:

1. Steel penetration must be abraded to a bright finish.
2. PVC penetration must be abraded.
3. Concrete penetration must be prepped to a Concrete Surface Profile of 2-5.
4. All penetrations shall be sound, secure and stable, and free of any dirt, rust or other contaminants.
5. Ensure minimum 6" clearance between penetrations.
6. Keep MiraPLY Seam Tape nominally 1/4" away from Penetration.
7. Refer to Technical Data Sheet for additional information.

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MiraWELD™ BLINDSIDE WATERPROOFING

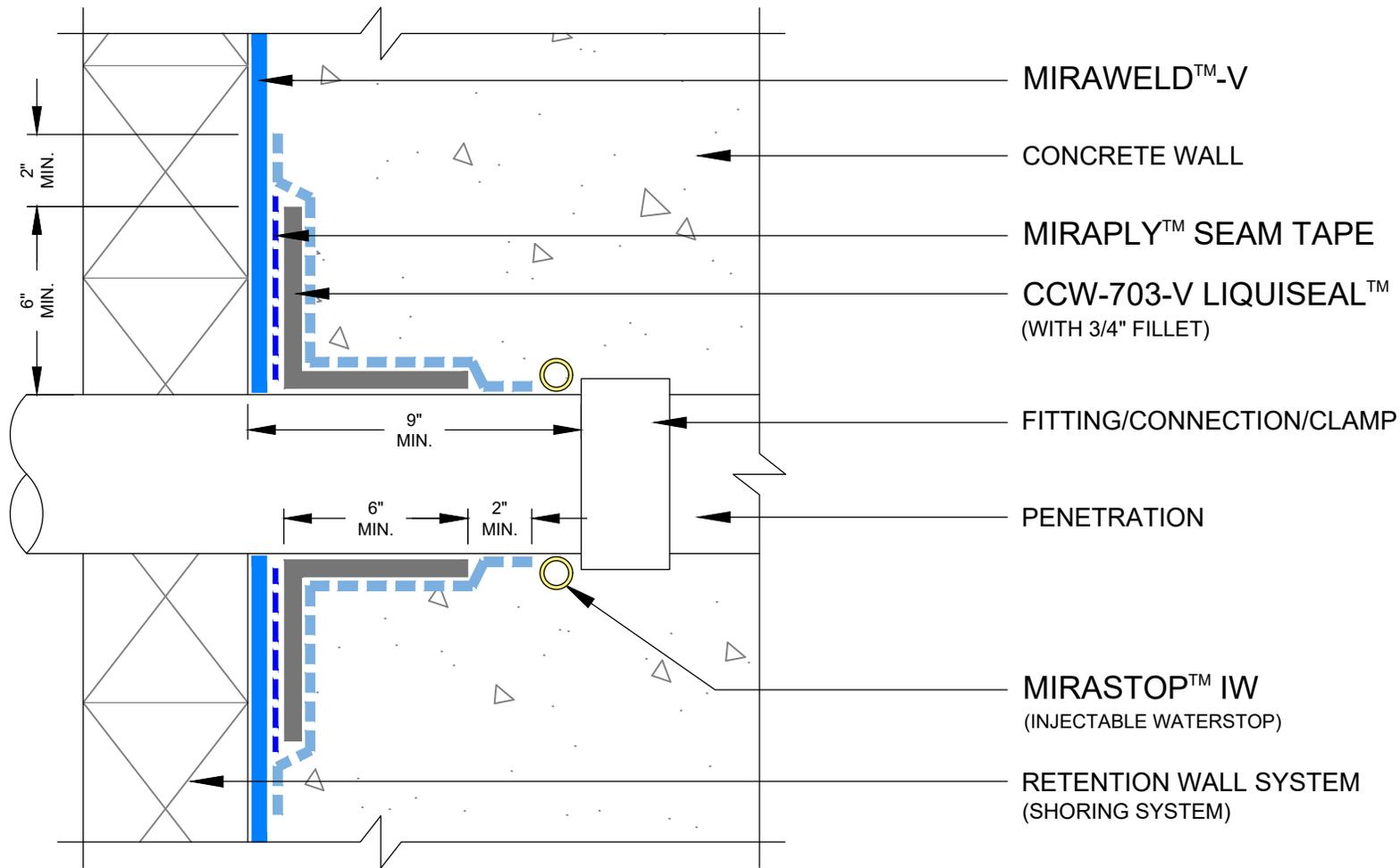
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SLAB PENETRATION



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MW-40B



NOTES:

1. Steel penetration must be abraded to a bright finish.
2. PVC penetration must be abraded.
3. All penetrations shall be sound, secure and stable, and free of any dirt, rust or other contaminants.
4. Ensure minimum 6" clearance between penetrations.
5. Keep MiraPLY Seam Tape nominally 1/4" away from Penetration.
6. Extend the MiraSTOP IW PVC Tubing ("Fill Tubes") beyond the concrete pour/formwork and protect from damage.
7. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
8. Allow concrete to cure a minimum of 28 days prior to grouting the MiraSTOP IW with MiraSTOP Chemical Grouts.
9. MiraDRAIN not shown for clarity.
10. Refer to Technical Data Sheet for additional information.

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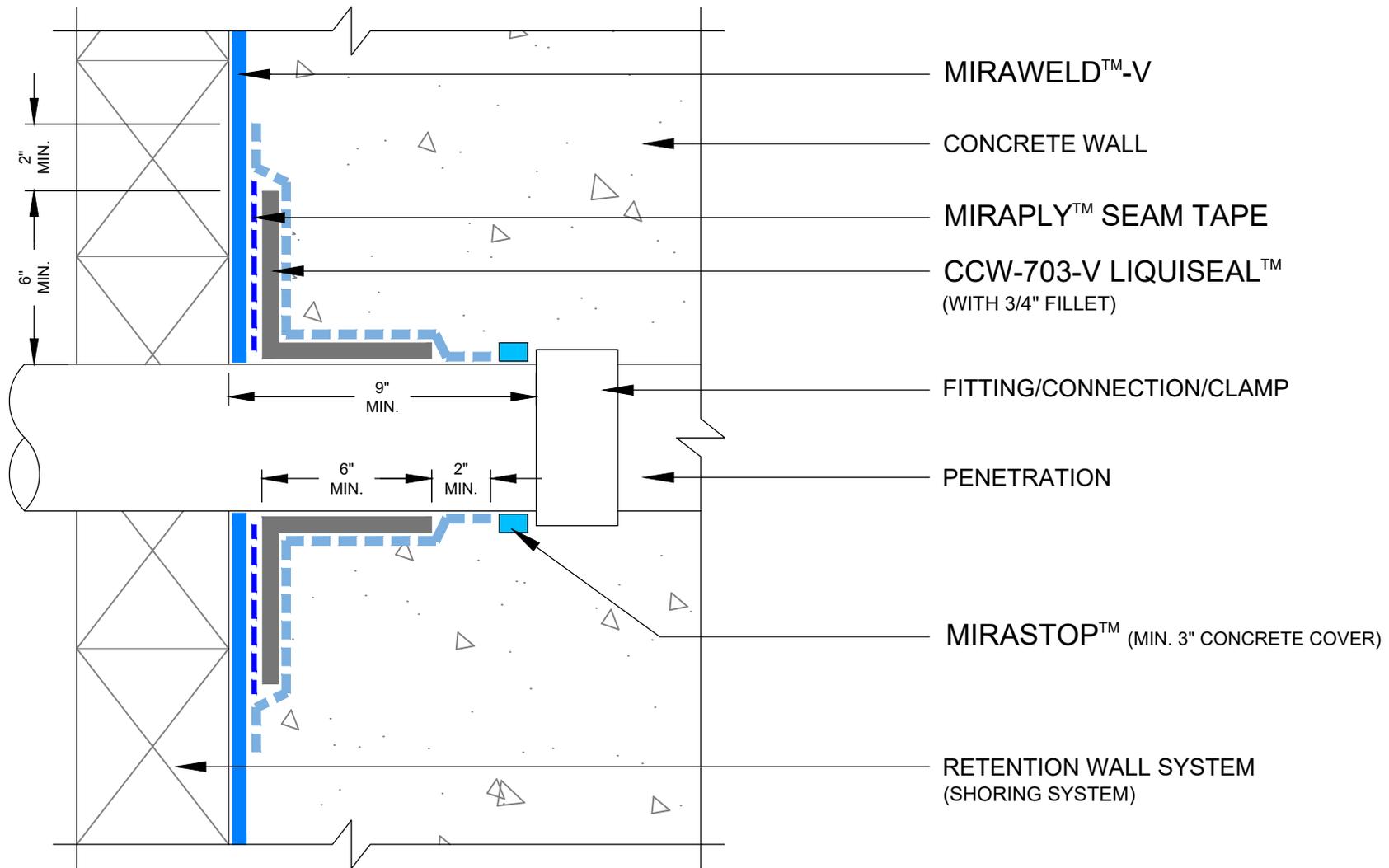
MW-41A

MiraWELD™ BLINDSIDE WATERPROOFING

WALL PENETRATION with INJECTABLE WATERSTOP



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NOTES:

1. Steel penetration must be abraded to a bright finish.
2. PVC penetration must be abraded.
3. All penetrations shall be shall sound, secure and stable, and free of any dirt, rust or other contaminants.
4. Ensure minimum 6" clearance between penetrations.
5. Keep MiraPLY Seam Tape nominally 1/4" away from Penetration.
6. MiraDRAIN not shown for clarity.
7. Refer to Technical Data Sheet for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

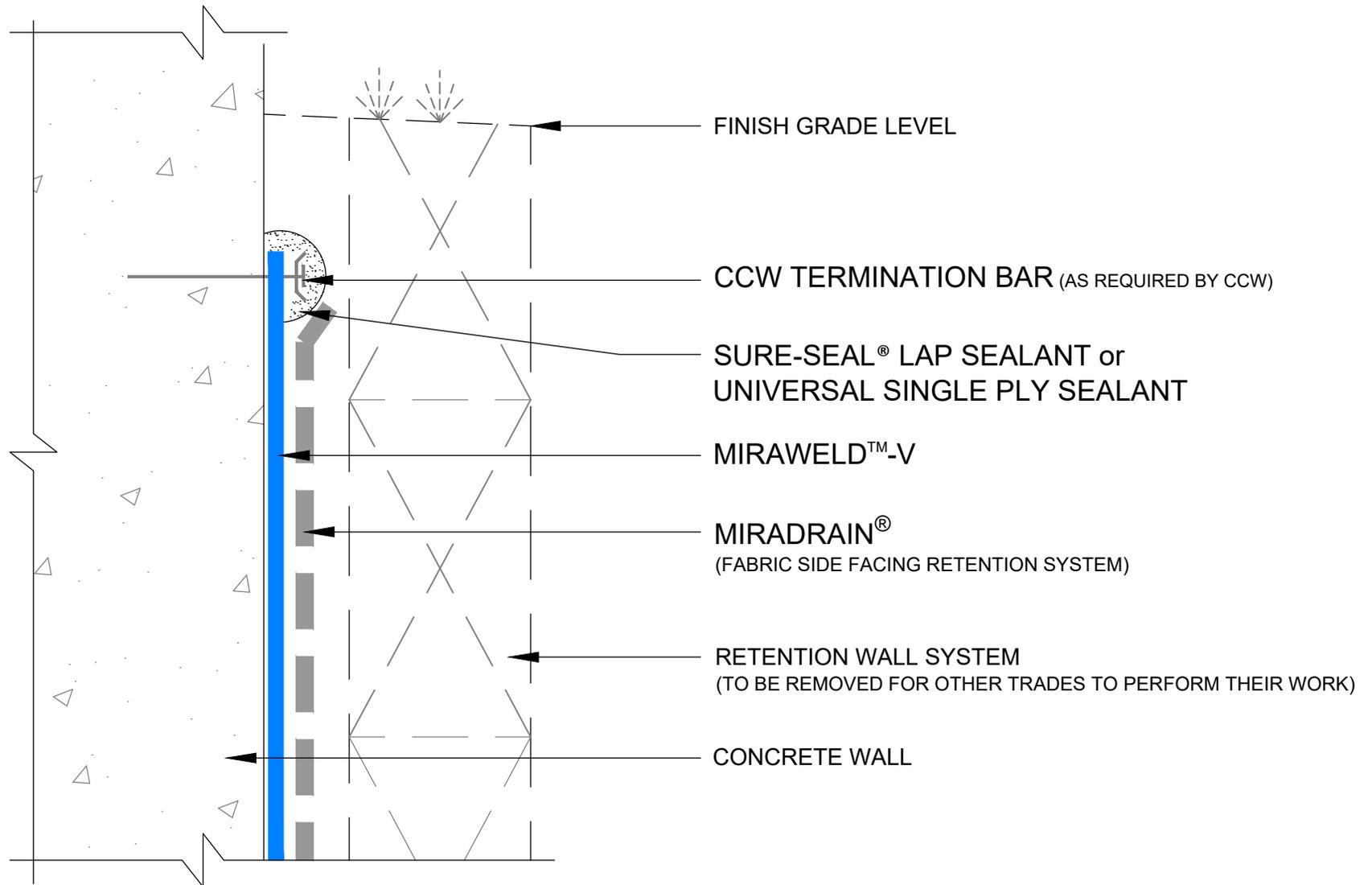


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MW-41B

WALL PENETRATION

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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. When required, ensure the sealant fully encapsulates the term bar.
4. Refer to Technical Data Sheets for additional information.

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MiraWELD™ BLINDSIDE WATERPROOFING

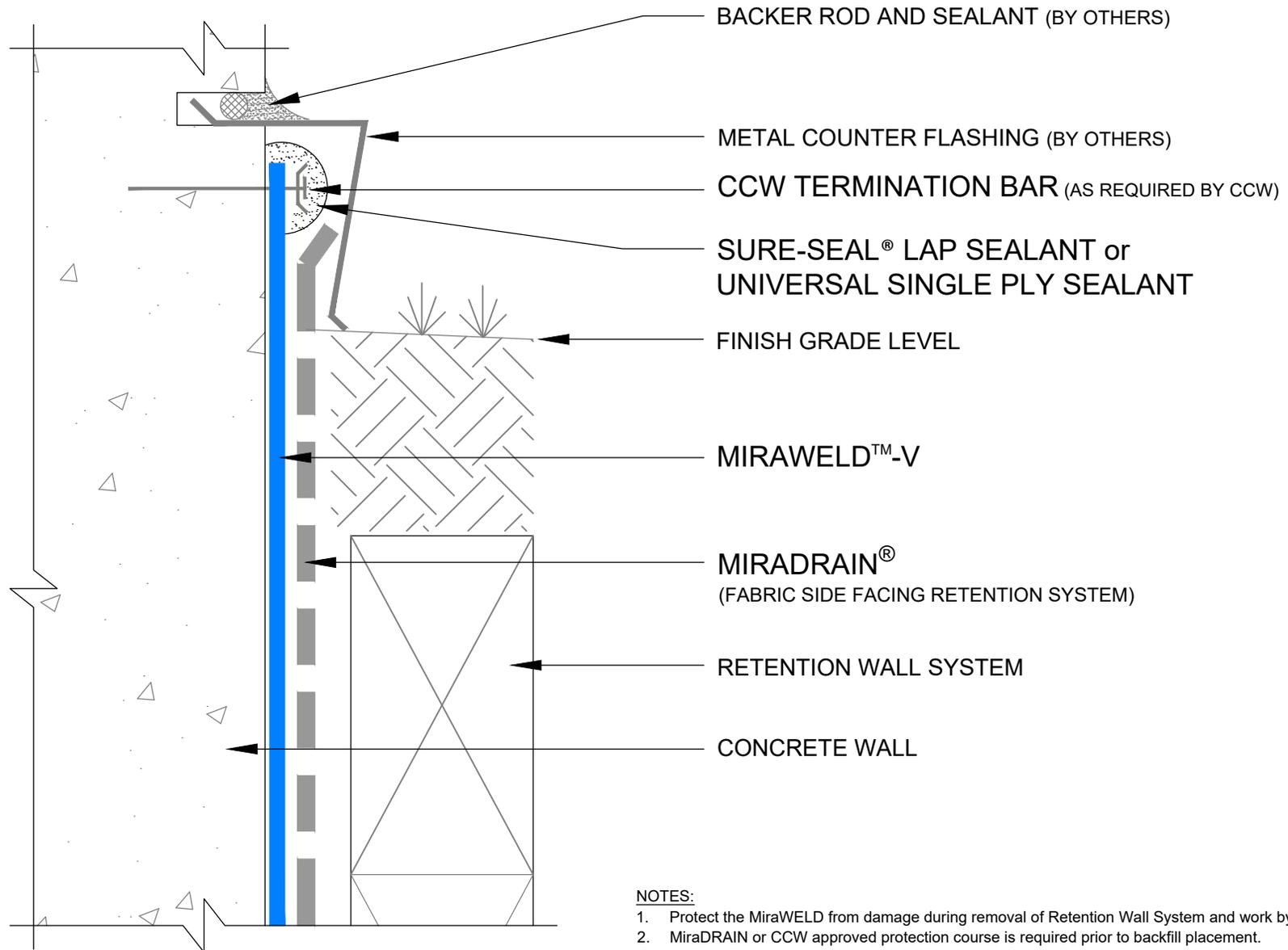
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MW-70

TERMINATION AT FINISHED GRADE



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MiraWELD™ BLINDSIDE WATERPROOFING

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MW-71

TERMINATION ABOVE FINISHED GRADE



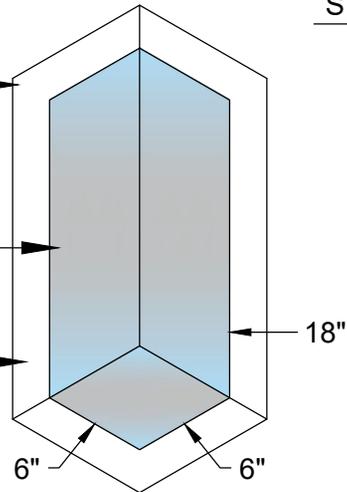
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STEP-1

MECHANICALLY
FIX AT CORNERS
AS-NECESSARY

MIRAWELD™
INSIDE CORNER

TPO SELVEDGE



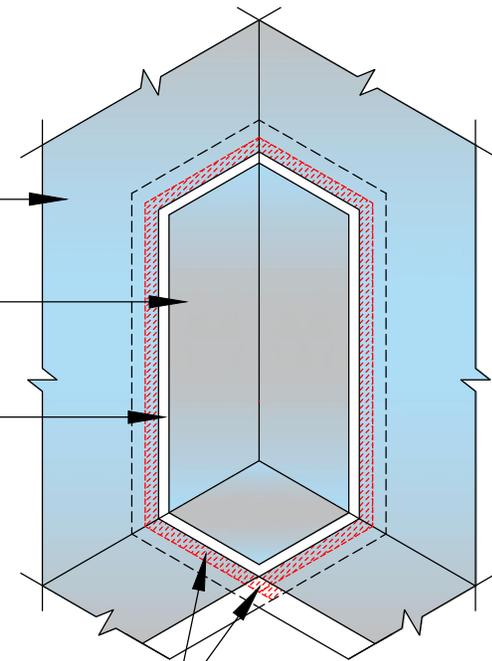
STEP-2

MIRAWELD-V

MIRAWELD
INSIDE CORNER

LEAVE 1/2" WIDE STRIP
OF TPO EXPOSED

1-1/2" MIN. HOT-AIR WELD

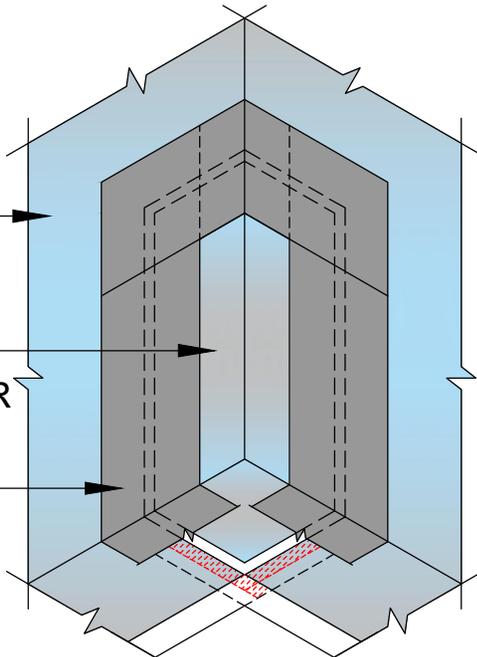


STEP-3

MIRAWELD-V

MIRAWELD
INSIDE CORNER

MIRAPLY™
DETAIL TAPE



NOTES:

1. Use CCW approved fasteners to secure the MiraWeld Inside Corner as necessary.
2. Install MiraWELD-V to MiraWELD Inside Corner with a minimum 1-1/2" continuous hot-air weld.
3. Ensure the membrane lays flat and no openings are visible.
4. All hot-air welded seams must be probed for integrity.
5. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
6. Refer to Technical Data Sheets for additional information.

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MW-80

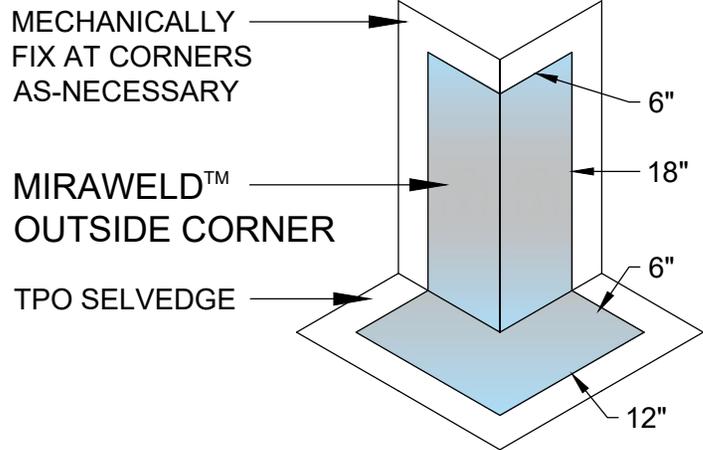
MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD INSIDE CORNER

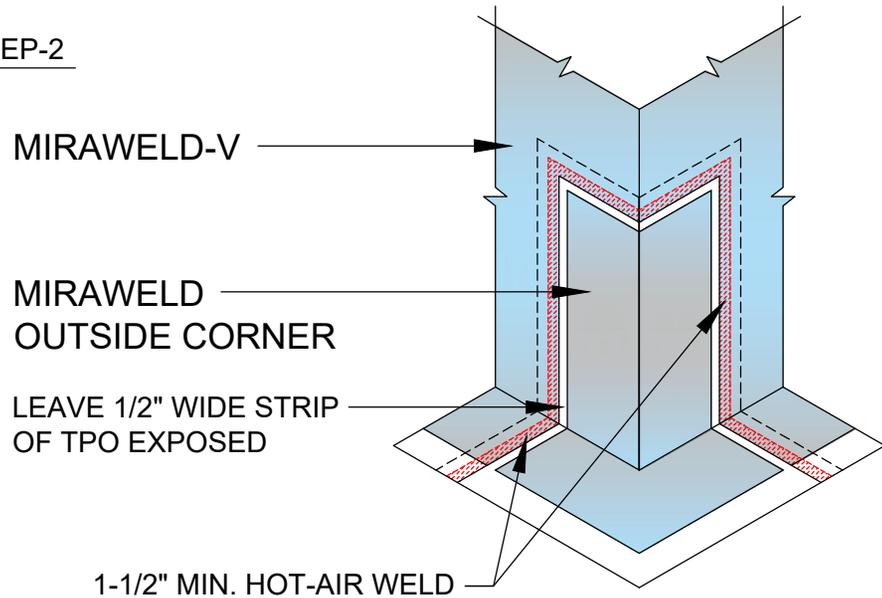


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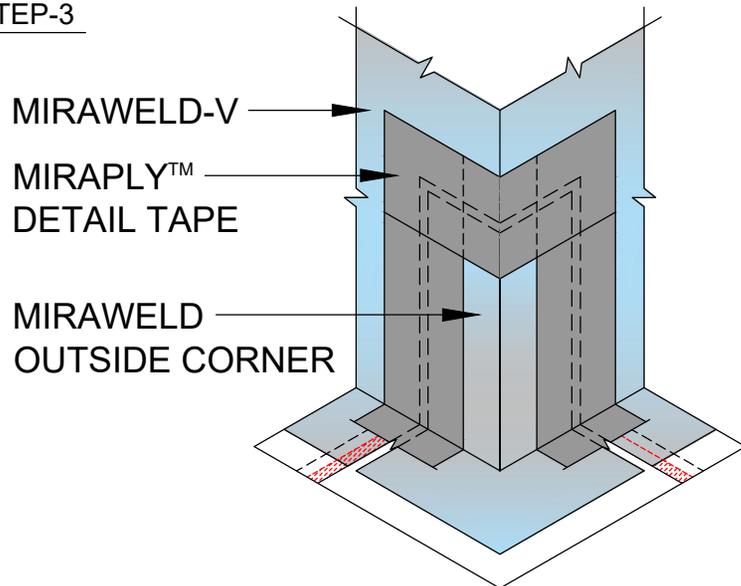
STEP-1



STEP-2



STEP-3



NOTES:

1. Use CCW approved fasteners to secure the MiraWELD Inside Corner as necessary.
2. Install MiraWELD-V to MiraWELD Inside Corner with a minimum 1-1/2" continuous hot-air weld.
3. Ensure the membrane lays flat and no openings are visible.
4. All hot-air welded seams must be probed for integrity.
5. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
6. Refer to Technical Data Sheets for additional information.

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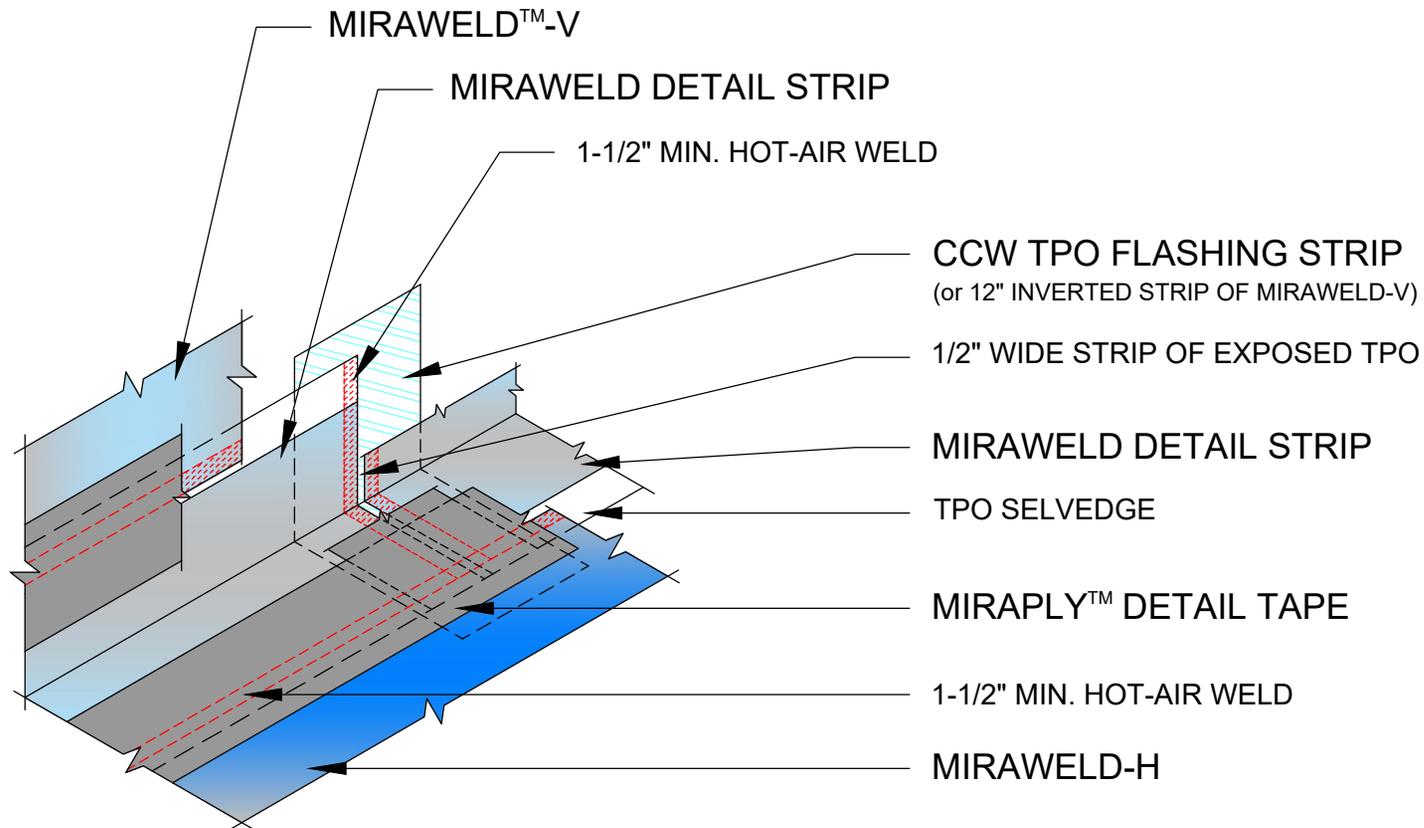
MW-81

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD OUTSIDE CORNER



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NOTES:

1. Use CCW approved fasteners to secure the MiraWELD Detail Strip towards the outer edge of the TPO seldge as necessary.
2. Install MiraWELD-H & MiraWELD-V to MiraWELD Detail Strip with a minimum 1-1/2" continuous hot-air weld.
3. Ensure the membrane lays flat and no openings are visible.
4. All hot-air welded seams must be probed for integrity.
5. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
6. MiraWELD Detail Strip may also be used at other transitions/changes in plane (e.g. vertical inside corner).
7. Refer to Technical Data Sheets for additional information.

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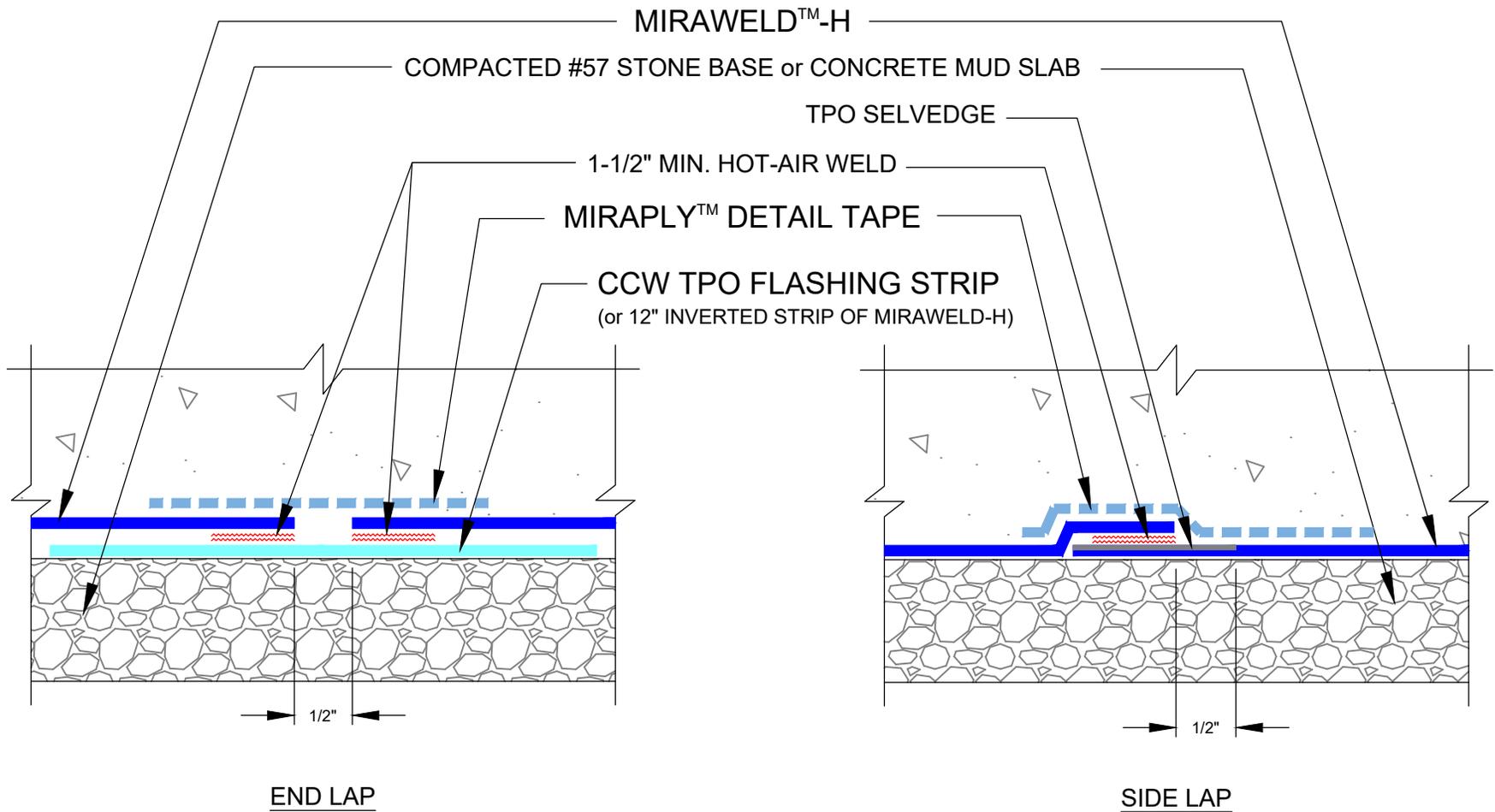
MW-82

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD DETAIL STRIP



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NOTES:

1. Install MiraWELD-H seams with a minimum 1-1/2" continuous hot-air weld.
2. Ensure the membrane lays flat and no openings are visible.
3. All hot-air welded seams must be probed for integrity.
4. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
5. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
6. Stagger End Laps a minimum of 1'.
7. Refer to Technical Data Sheets for additional information.

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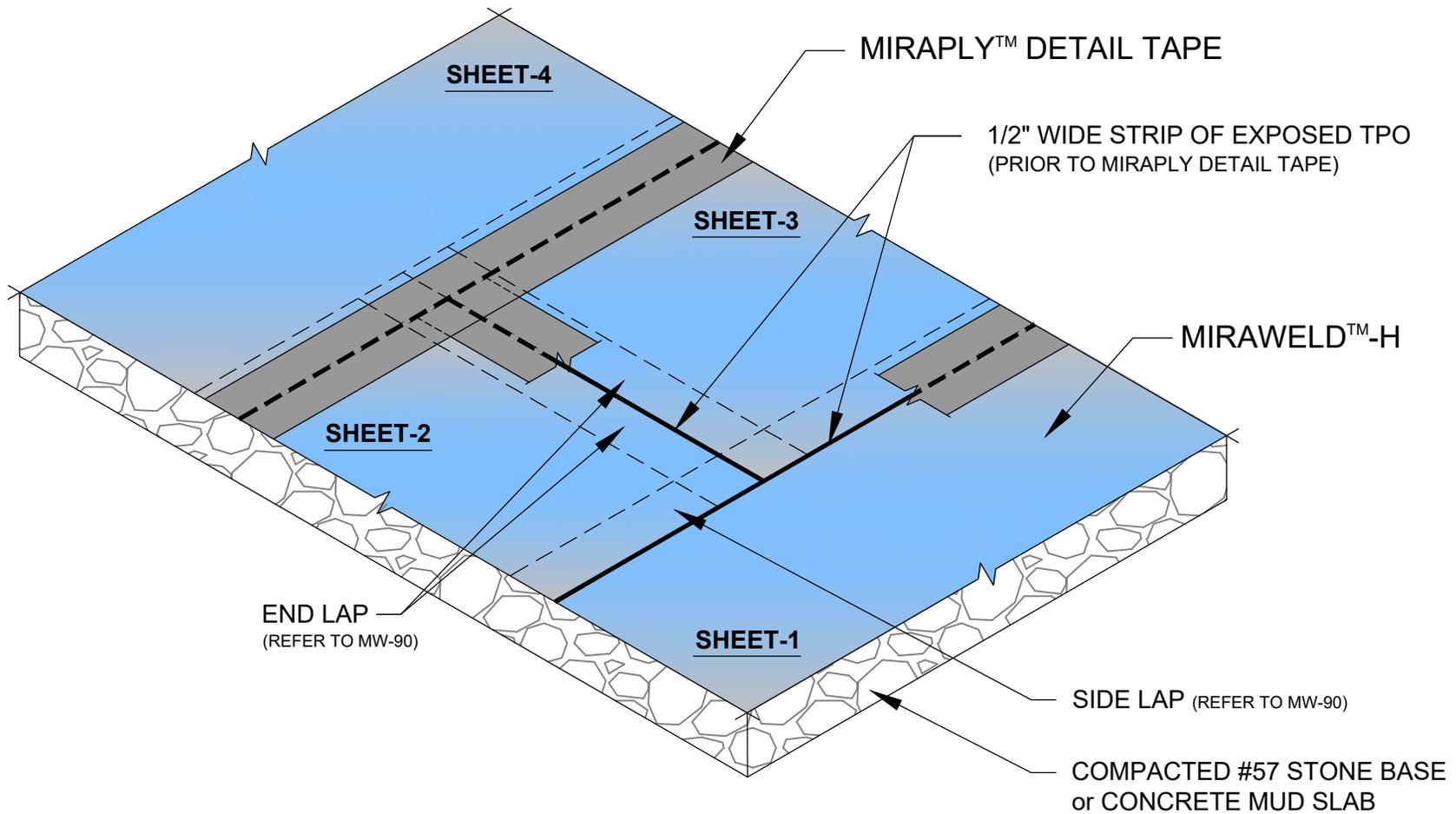
MW-90

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD-H END LAP AND SIDE LAP



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NOTES:

1. Install MiraWELD-H seams with a minimum 1-1/2" continuous hot-air weld.
2. Ensure the membrane lays flat and no openings are visible.
3. All hot-air welded seams must be probed for integrity.
4. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
5. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
6. Stagger End Laps a minimum of 1'.
7. Refer to Technical Data Sheets for additional information.

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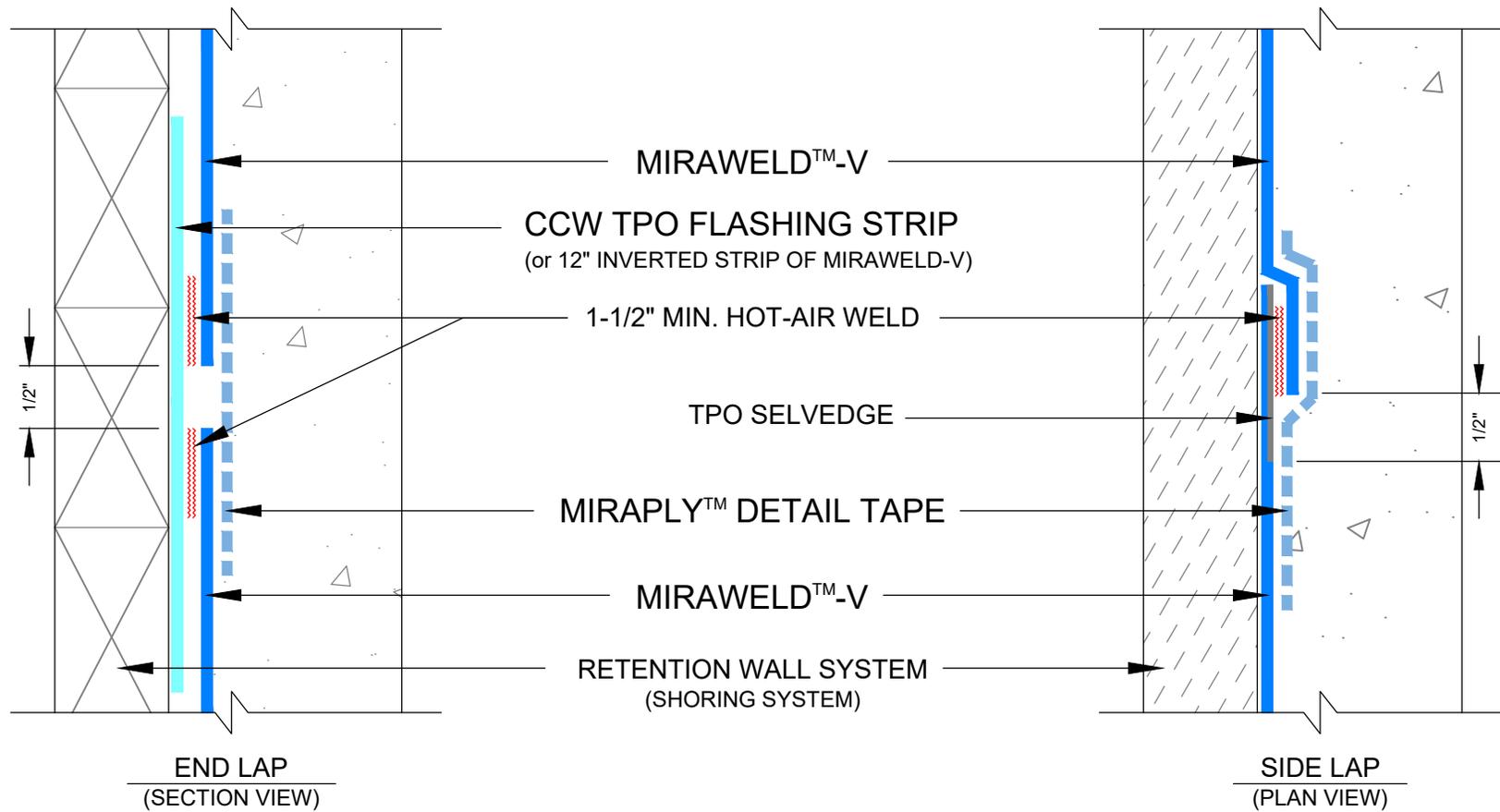
MW-91

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD-H SEAMS WITH DETAIL TAPE



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NOTES:

1. Install MiraWELD-V seams with a minimum 1-1/2" continuous hot-air weld.
2. Ensure the membrane lays flat and no openings are visible.
3. All hot-air welded seams must be probed for integrity.
4. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
5. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
6. Stagger End Laps a minimum of 1'.
7. Refer to Technical Data Sheets for additional information.

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MW-92

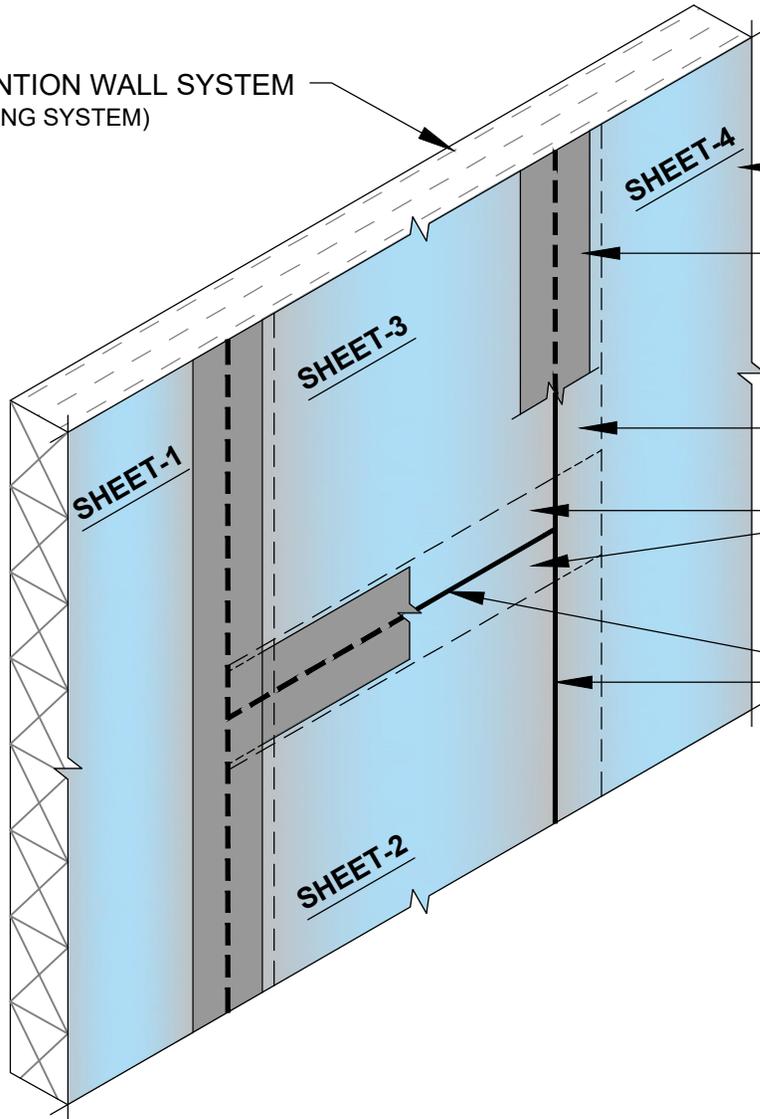
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MIRAWELD-V END LAP AND SIDE LAP



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RETENTION WALL SYSTEM
(SHORING SYSTEM)



MIRAWELD™-H

MIRAPLY™ DETAIL TAPE

SIDE LAP (REFER TO MW-92)

END LAP (REFER TO MW-92)

1/2" WIDE STRIP OF EXPOSED TPO
(PRIOR TO MIRAPLY DETAIL TAPE)

NOTES:

1. Install MiraWELD-V seams with a minimum 1-1/2" continuous hot-air weld.
2. Ensure the membrane lays flat and no openings are visible.
3. All hot-air welded seams must be probed for integrity.
4. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
5. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
6. Stagger End Laps a minimum of 1'.
7. Refer to Technical Data Sheets for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

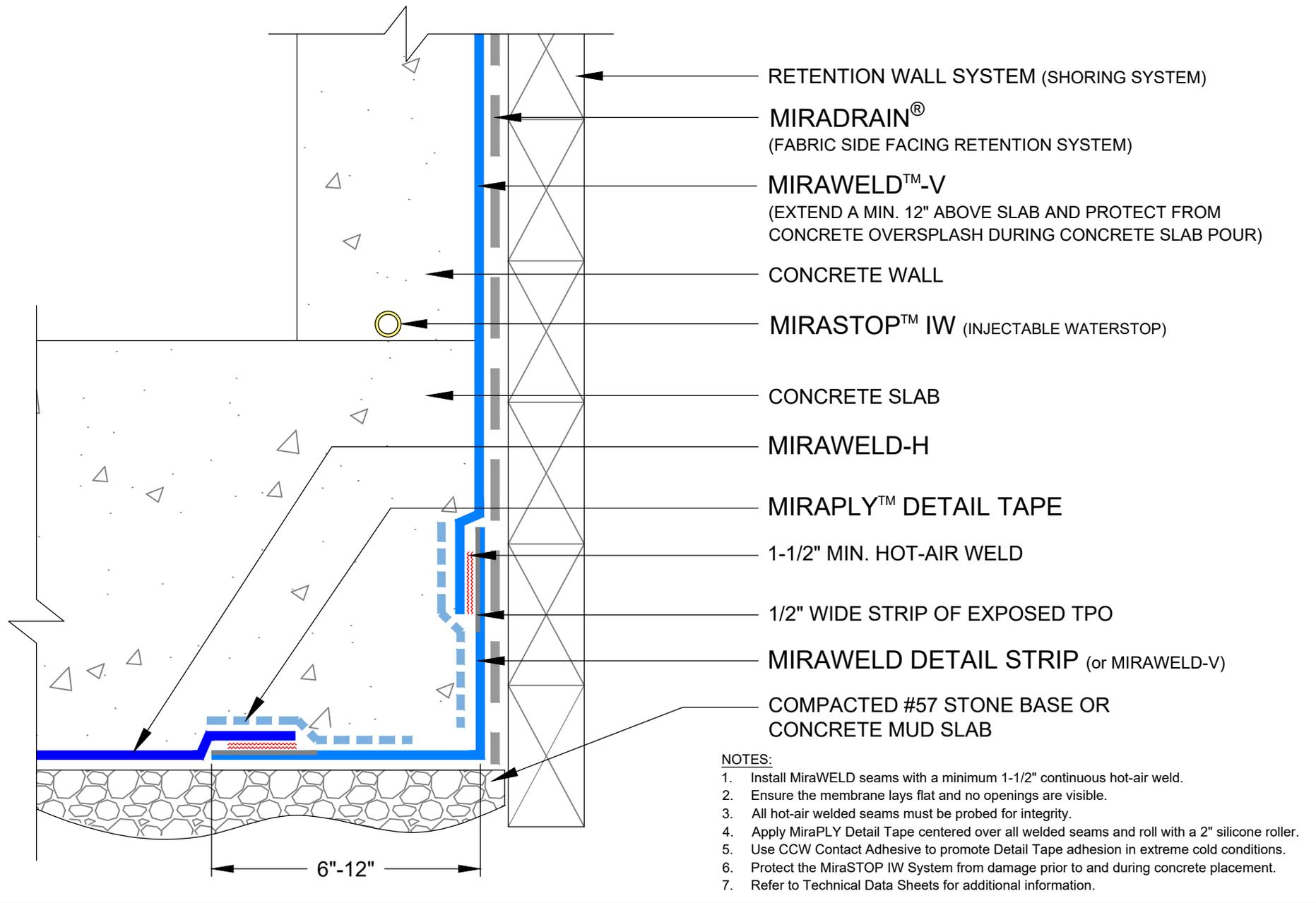
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MW-93

MIRAWELD-V SEAMS WITH DETAIL TAPE



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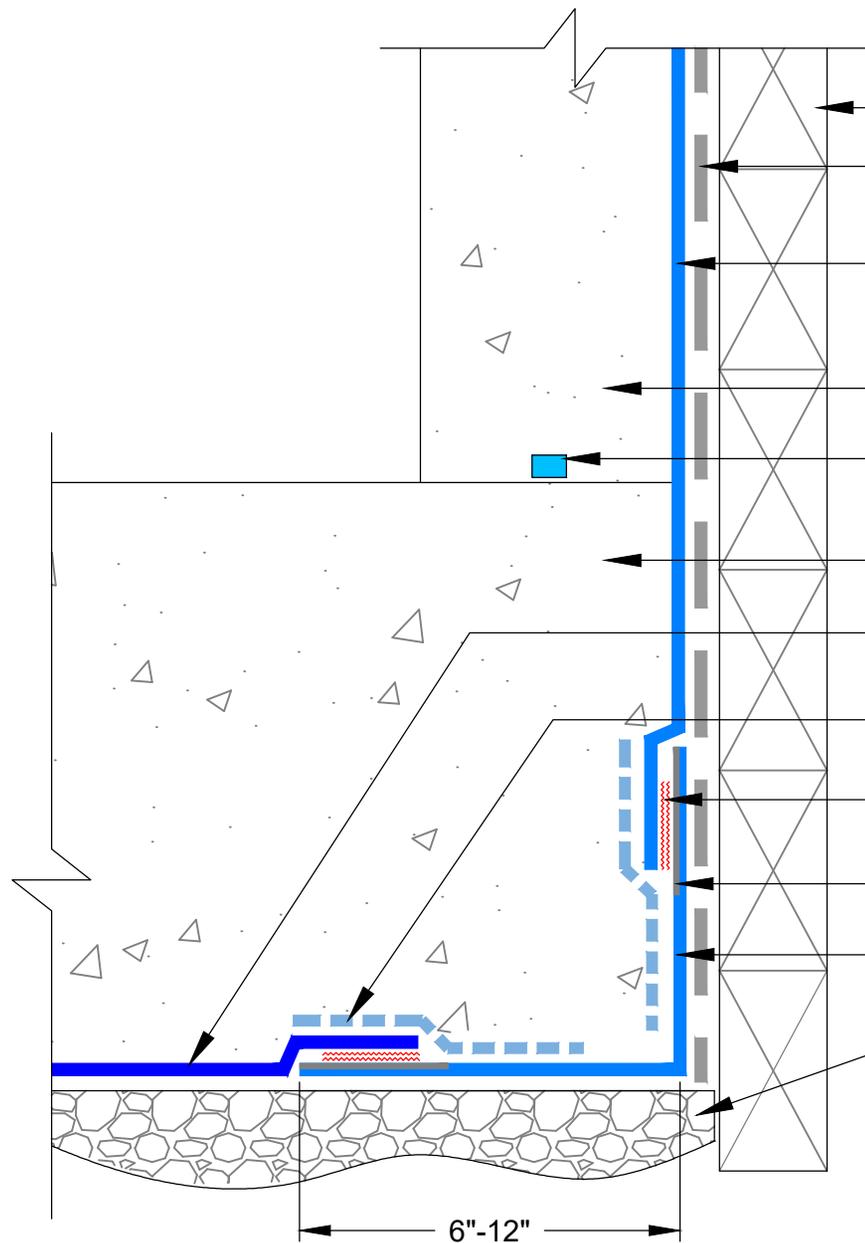
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MW-100A

MiraWELD™ BLINDSIDE WATERPROOFING

SLAB TO BLINDSIDE WALL TIE-IN
with INJECTABLE WATERSTOP





- RETENTION WALL SYSTEM (SHORING SYSTEM)
- MIRADRAIN®
(FABRIC SIDE FACING RETENTION SYSTEM)
- MIRAWELD™-V
(EXTEND A MIN. 12" ABOVE SLAB AND PROTECT FROM CONCRETE OVERSPASH DURING CONCRETE SLAB POUR)
- CONCRETE WALL
- MIRASTOP™ BW, NBW or SS
- CONCRETE SLAB
- MIRAWELD-H
- MIRAPLY™ DETAIL TAPE
- 1-1/2" MIN. HOT-AIR WELD
- 1/2" WIDE STRIP OF EXPOSED TPO
- MIRAWELD DETAIL STRIP (or MIRAWELD-V)
- COMPACTED #57 STONE BASE OR CONCRETE MUD SLAB

NOTES:

1. Install MiraWELD seams with a minimum 1-1/2" continuous hot-air weld.
2. Ensure the membrane lays flat and no openings are visible.
3. All hot-air welded seams must be probed for integrity.
4. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
5. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
6. Refer to Technical Data Sheets for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

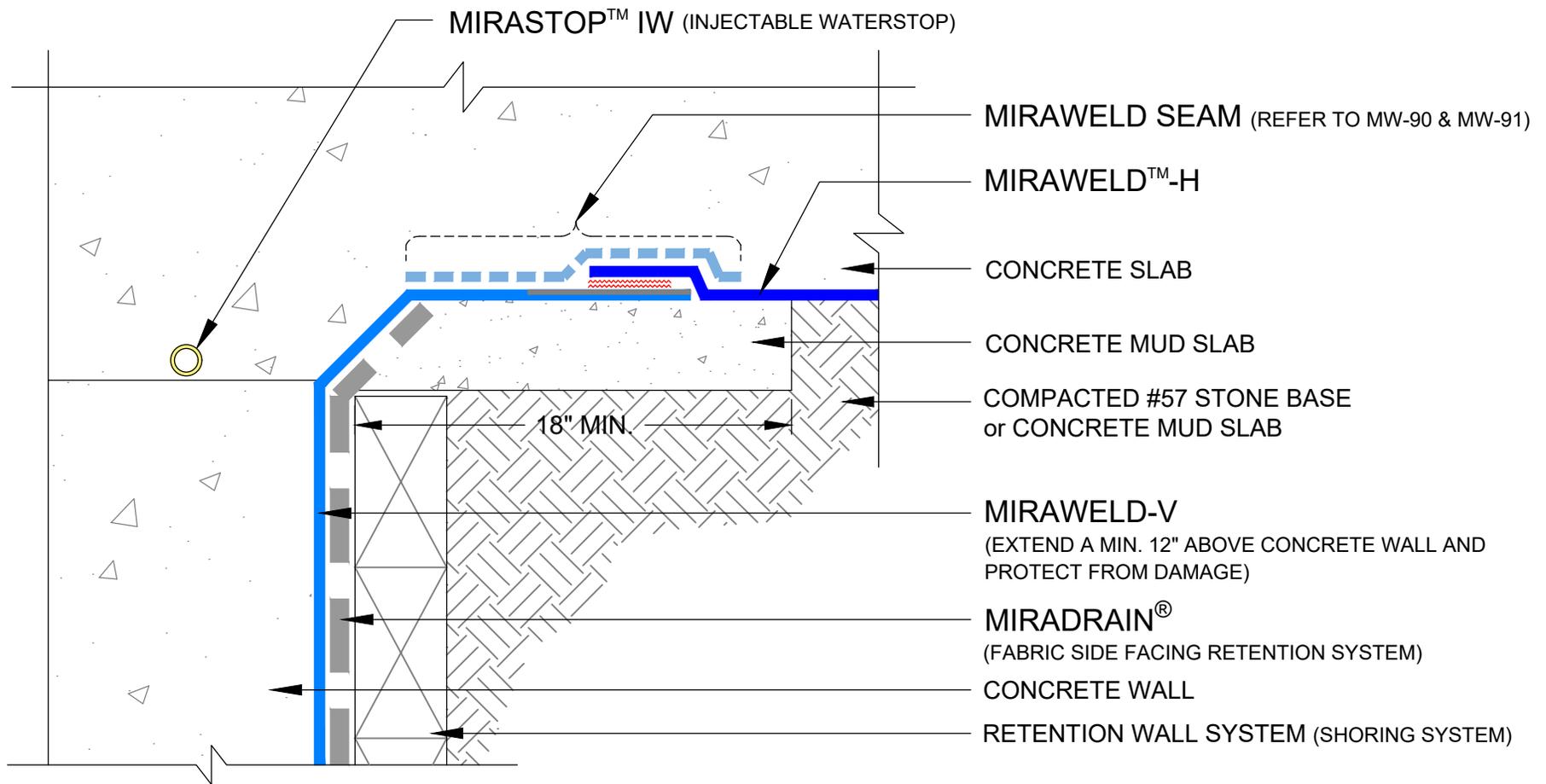
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SLAB TO BLINDSIDE WALL TIE-IN

MW-100B



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NOTES:

1. Concrete Mud Slab recommended to extend minimum 18" beyond any incline or sloped condition.
2. Install MiraWELD seams with a minimum 1-1/2" continuous hot-air weld.
3. Ensure the membrane lays flat and no openings are visible.
4. All hot-air welded seams must be probed for integrity.
5. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
6. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
7. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
8. Refer to Technical Data Sheets for additional information.

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

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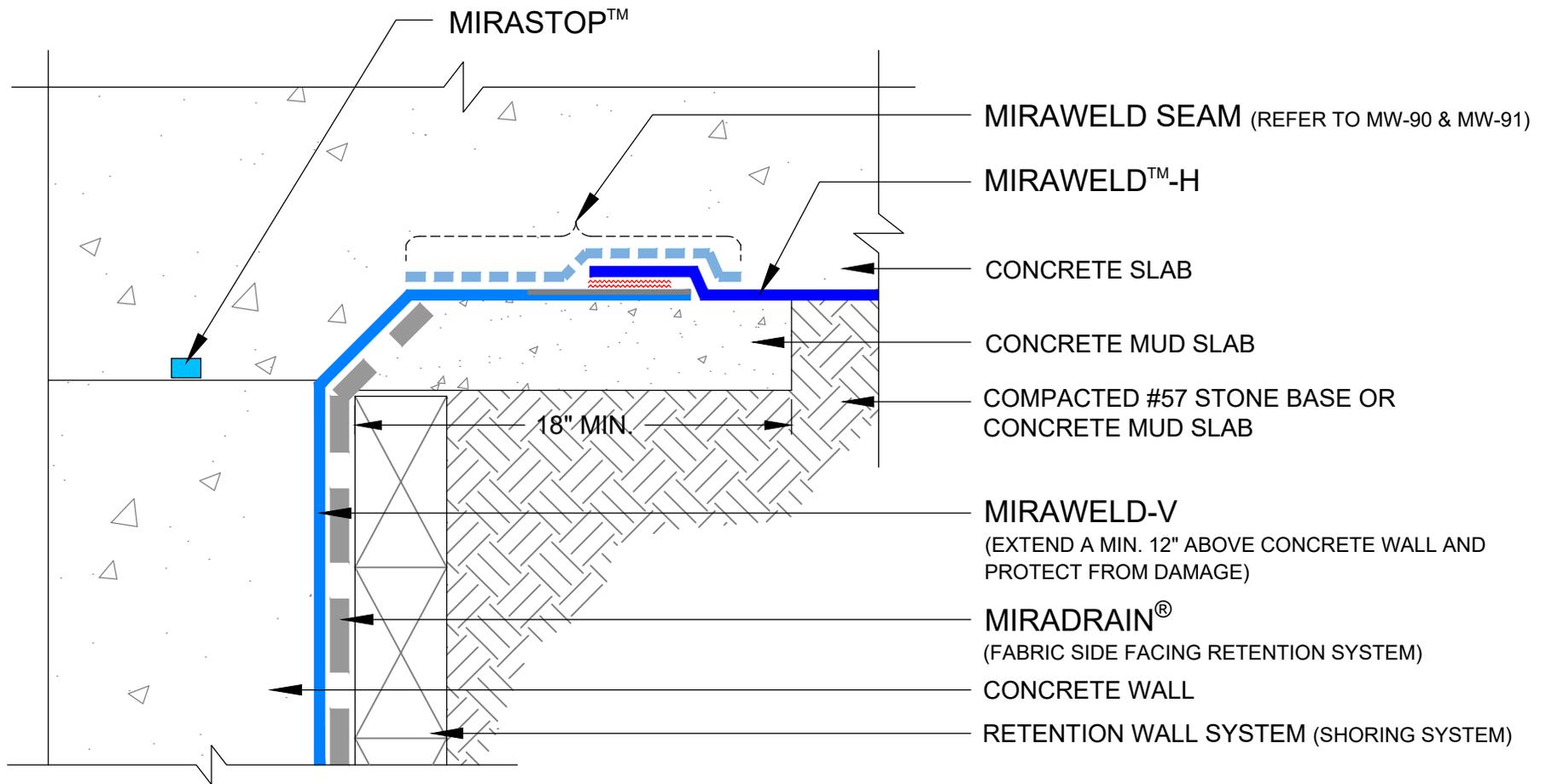
MW-101A

MiraWELD™ BLINDSIDE WATERPROOFING

BLINDSIDE WALL TO ELEVATED SLAB TIE-IN
with INJECTABLE WATERSTOP



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NOTES:

1. Concrete Mud Slab recommended to extend minimum 18" beyond any incline or sloped condition.
2. Install MiraWELD seams with a minimum 1-1/2" continuous hot-air weld.
3. Ensure the membrane lays flat and no openings are visible.
4. All hot-air welded seams must be probed for integrity.
5. Apply MiraPLY Detail Tape centered over all welded seams and roll with a 2" silicone roller.
6. Use CCW Contact Adhesive to promote Detail Tape adhesion in extreme cold conditions.
7. Refer to Technical Data Sheets for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

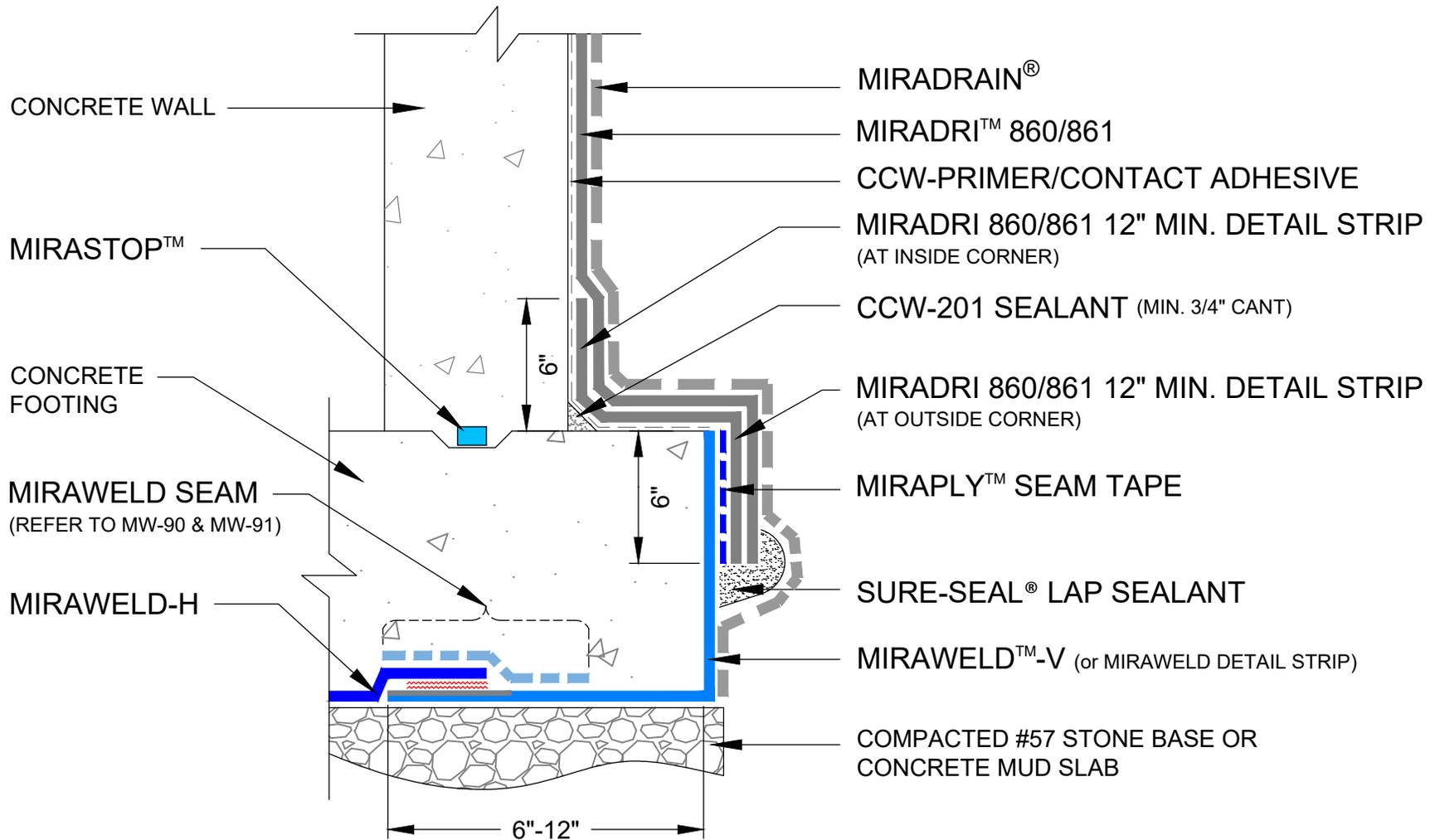
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BLINDSIDE WALL TO ELEVATED SLAB TIE-IN

MW-101B



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NOTES:

1. Remove concrete formwork after a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
2. Protect the MiraWELD from damage.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. MiraDRAIN HC or CCW approved perimeter drain not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

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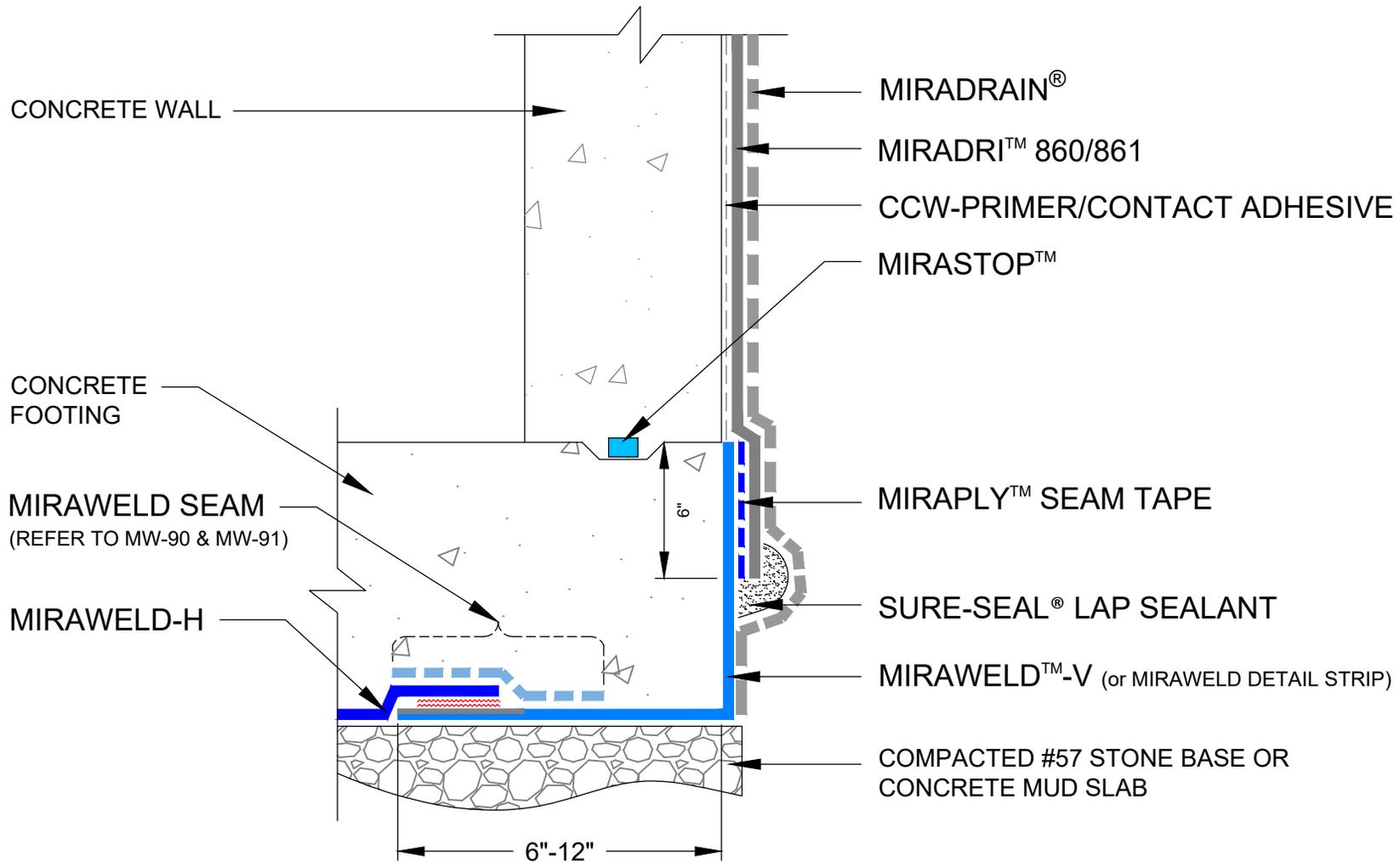
MW-110

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRADRI™ 860/861
FOOTING TIE-IN



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NOTES:

1. Remove concrete formwork after a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
2. Protect the MiraWELD from damage.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. MiraDRAIN HC or CCW approved perimeter drain not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

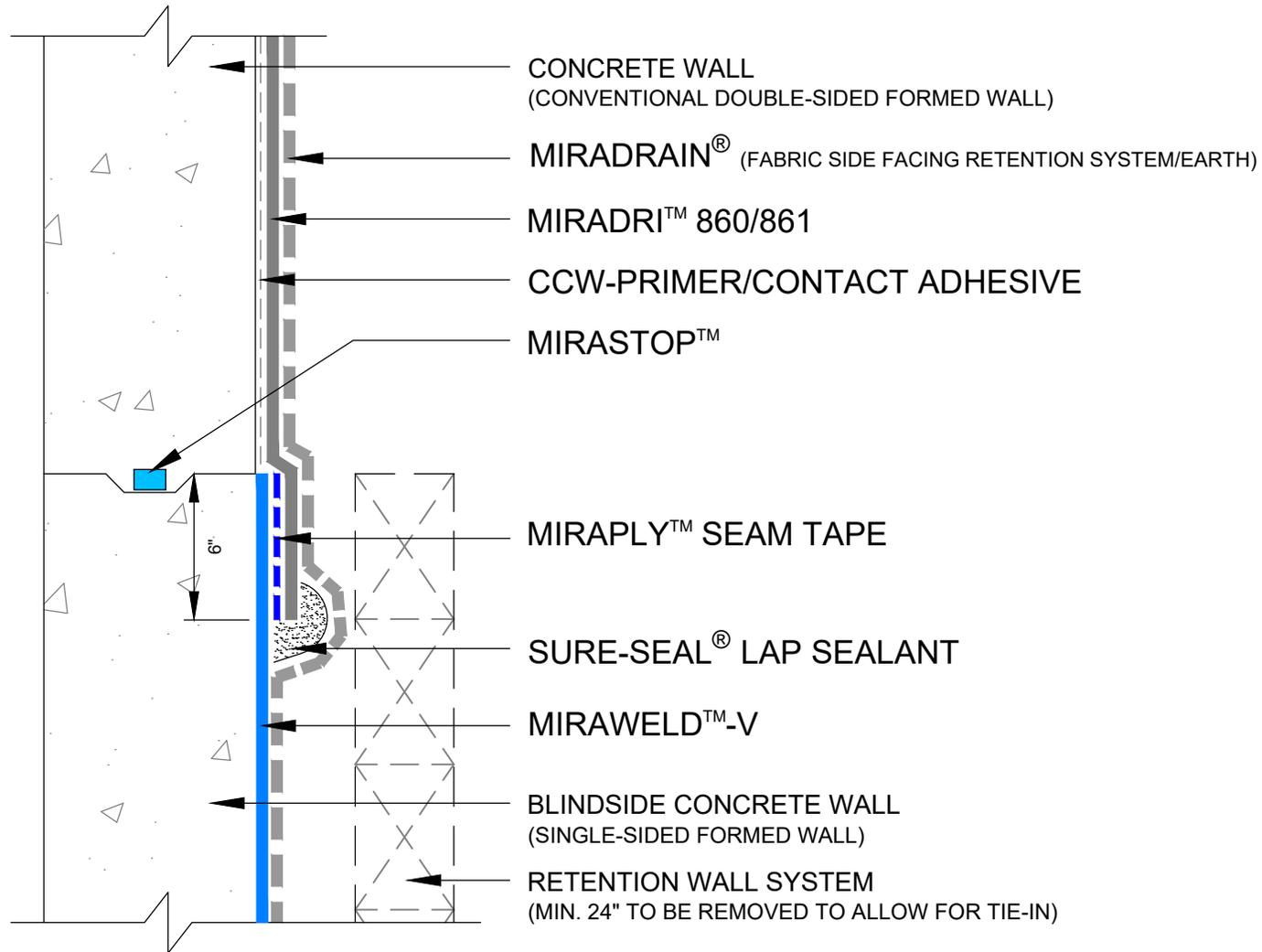
MW-111

MiraWELD[™] BLINDSIDE WATERPROOFING

MIRAWELD[™] - MIRADRI[™] 860/861
SLAB TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

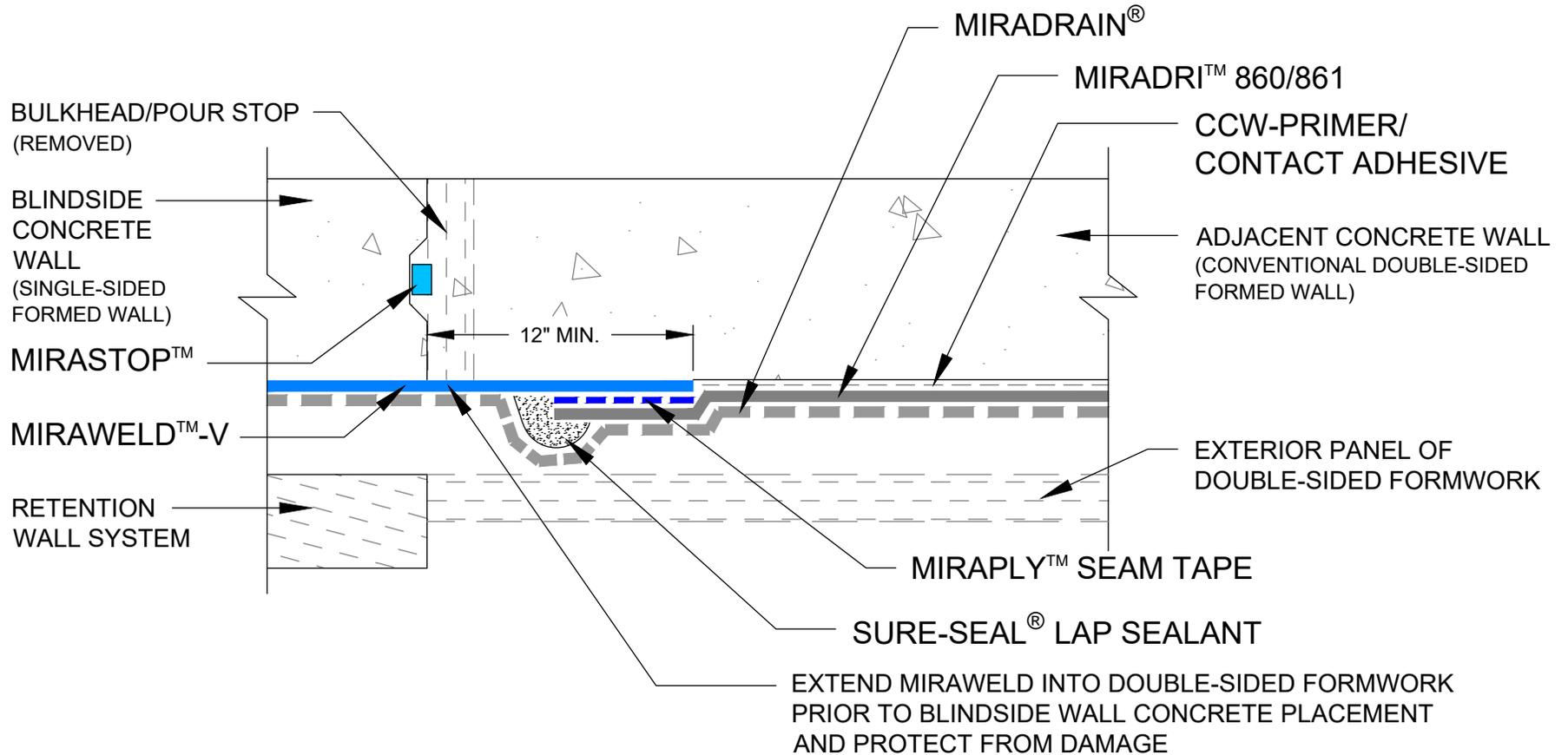
MW-112

MiraWELD[™] BLINDSIDE WATERPROOFING

MIRAWELD[™] - MIRADRI[™] 860/861
WALL TIE-IN



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PLAN VIEW

NOTES:

1. Protect the MiraWELD from damage during placement and removal of Pour Stop.
2. Double-Sided Formwork should remain in-place a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

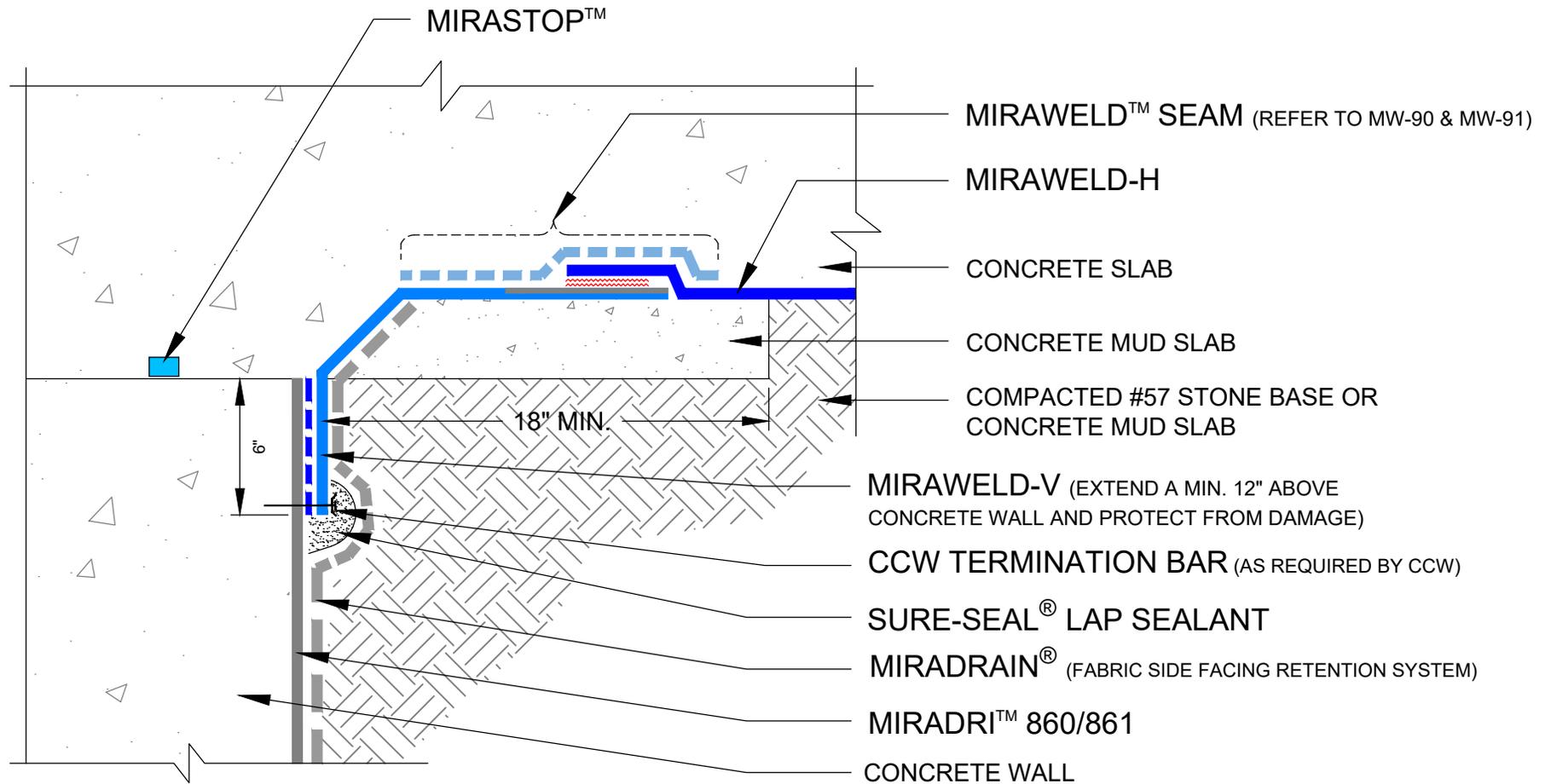
MW-113

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRADRI™ 860/861
ADJACENT WALL TIE-IN



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NOTES:

1. Concrete Mud Slab recommended to extend minimum 18" beyond any incline or sloped condition.
2. Protect the MiraWELD from damage during concrete mud slab placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

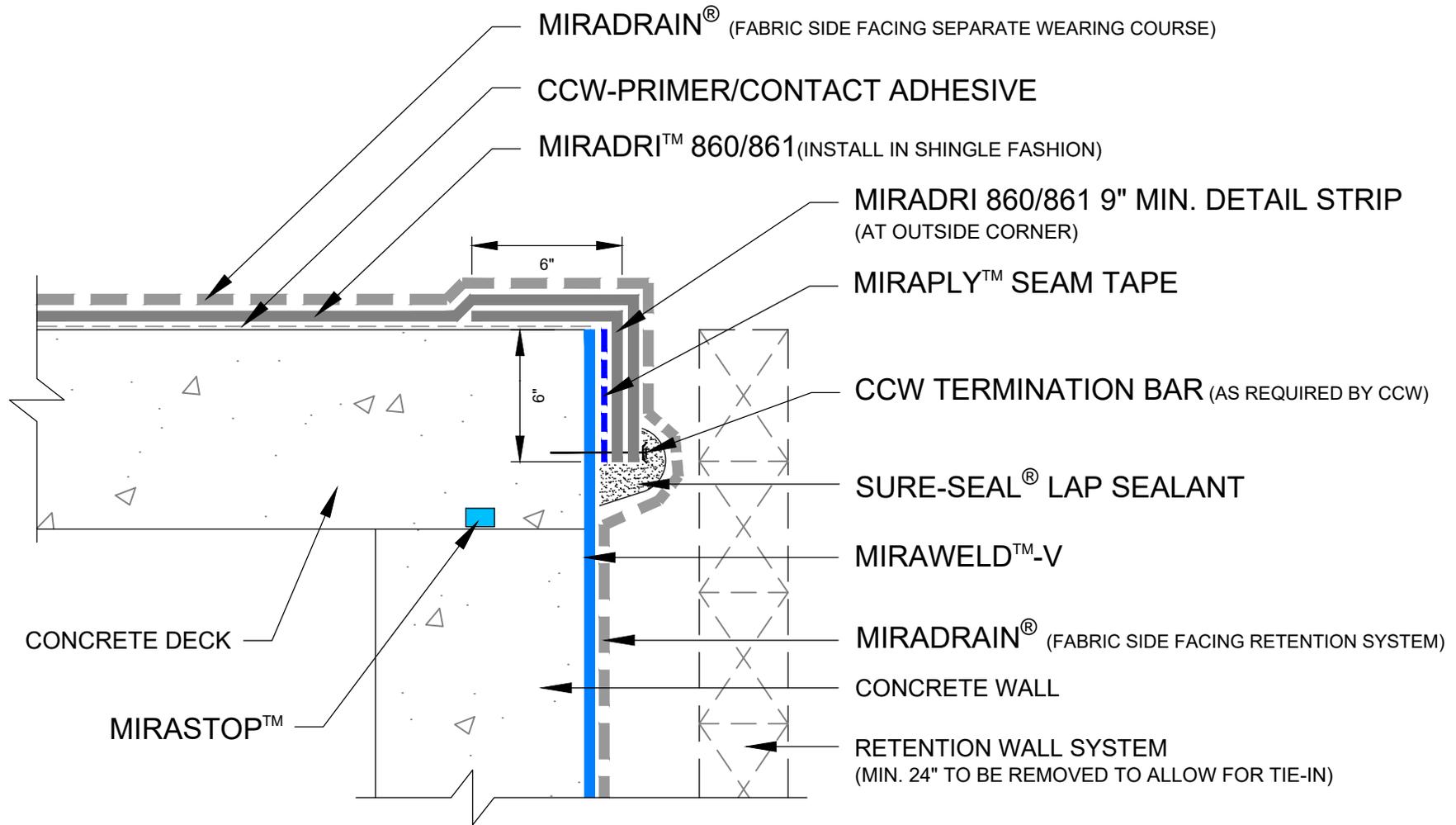
MW-114

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRADRI™ 860/861
WALL TO ELEVATED SLAB TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Concrete deck should be sloped to drain as per Specification.
4. Install MiraDRI on concrete deck in a water-shedding fashion.
5. Separate Wearing Course (Deck Overburden) not shown for clarity.
6. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

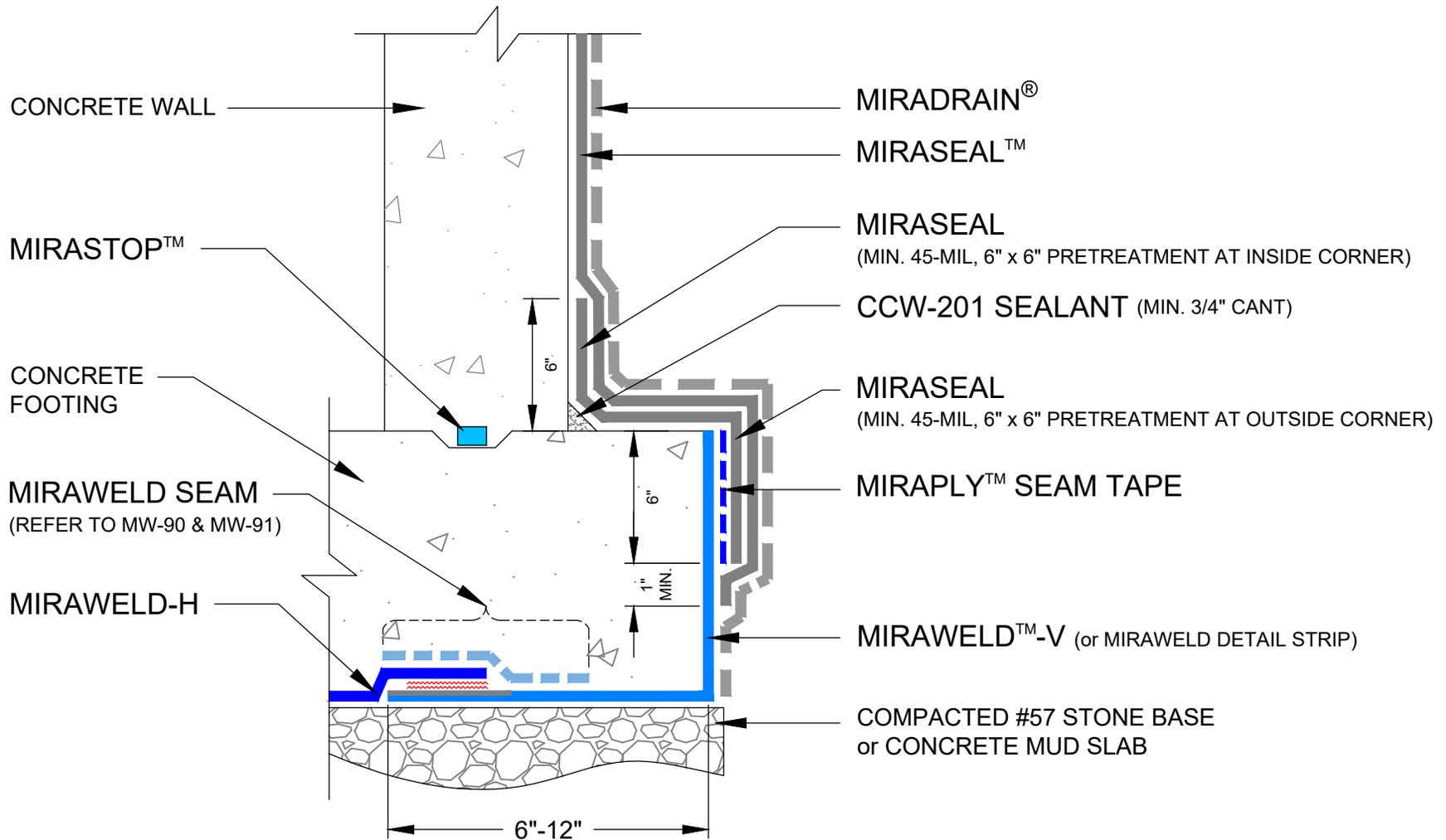
MW-115

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRADRI™ 860/861
WALL TO DECK TIE-IN



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NOTES:

1. Remove concrete formwork after a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
2. Protect the MiraWELD from damage.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. MiraDRAIN HC or CCW approved perimeter drain not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

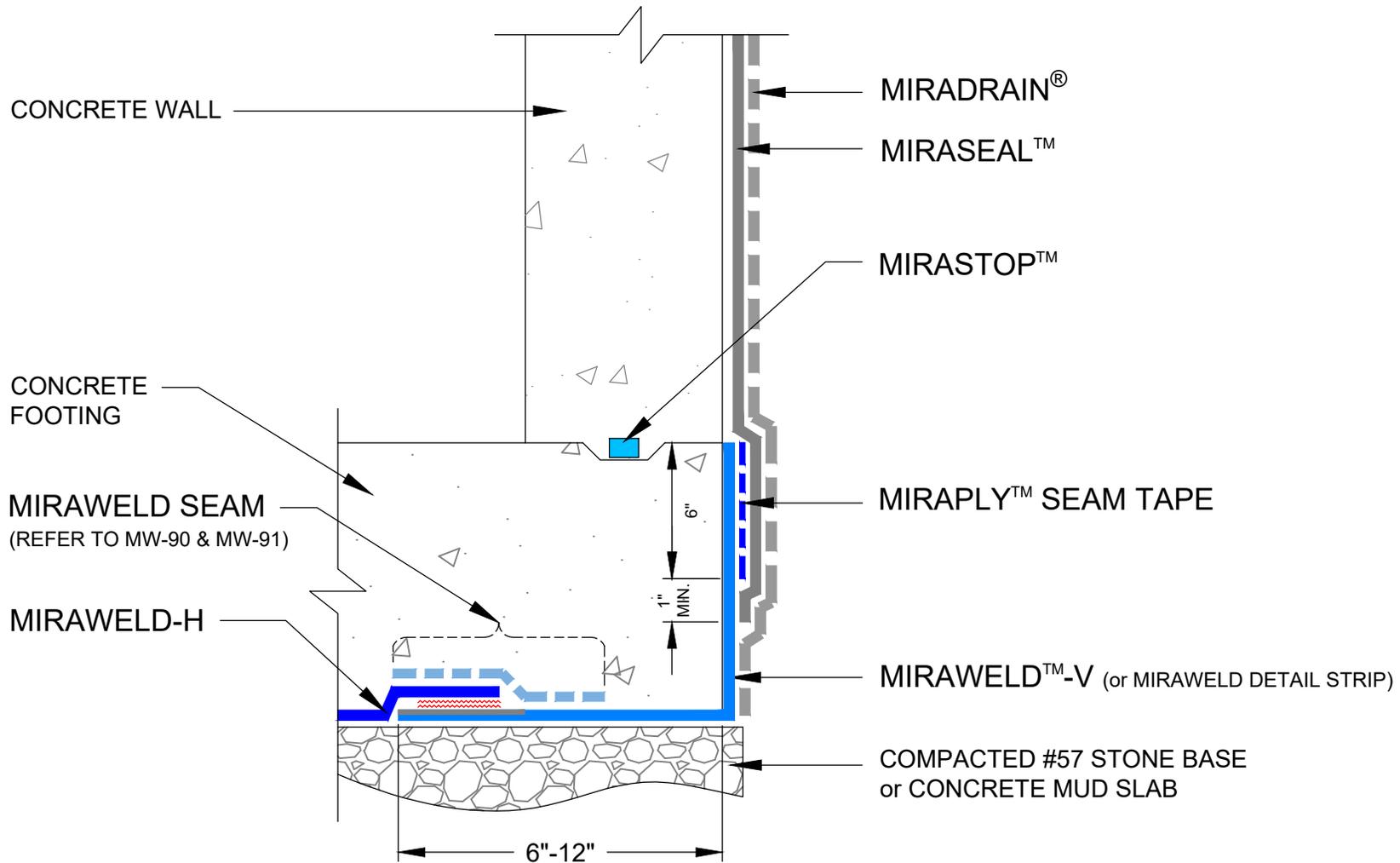
MW-120

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRASEAL™
FOOTING TIE-IN



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NOTES:

1. Remove concrete formwork after a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
2. Protect the MiraWELD from damage.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. MiraDRAIN HC or CCW approved perimeter drain not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

MiraWELD[™] BLINDSIDE WATERPROOFING

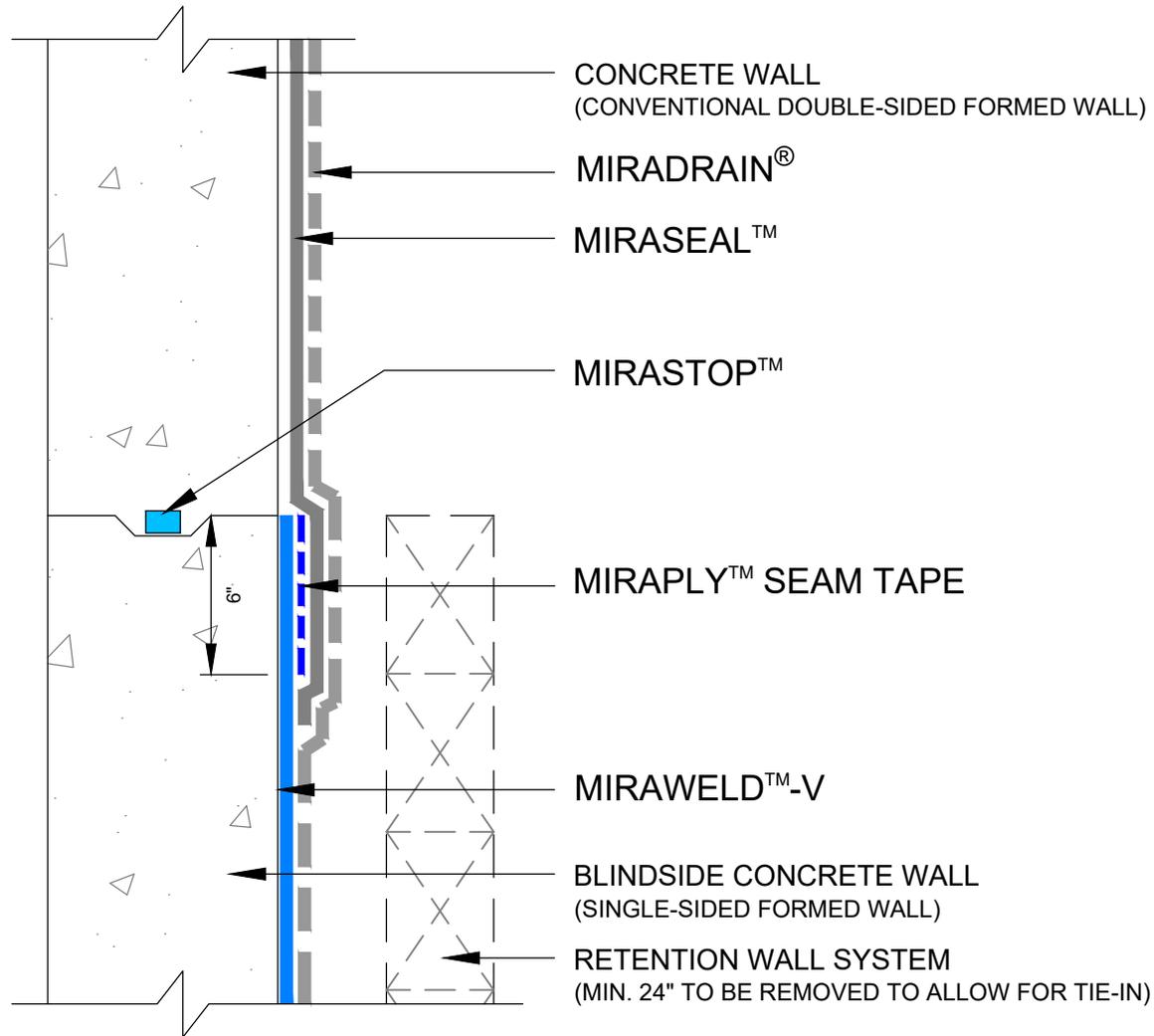
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**MIRAWELD[™] - MIRASEAL[™]
SLAB TIE-IN**

MW-121



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Refer to Technical Data Sheets for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

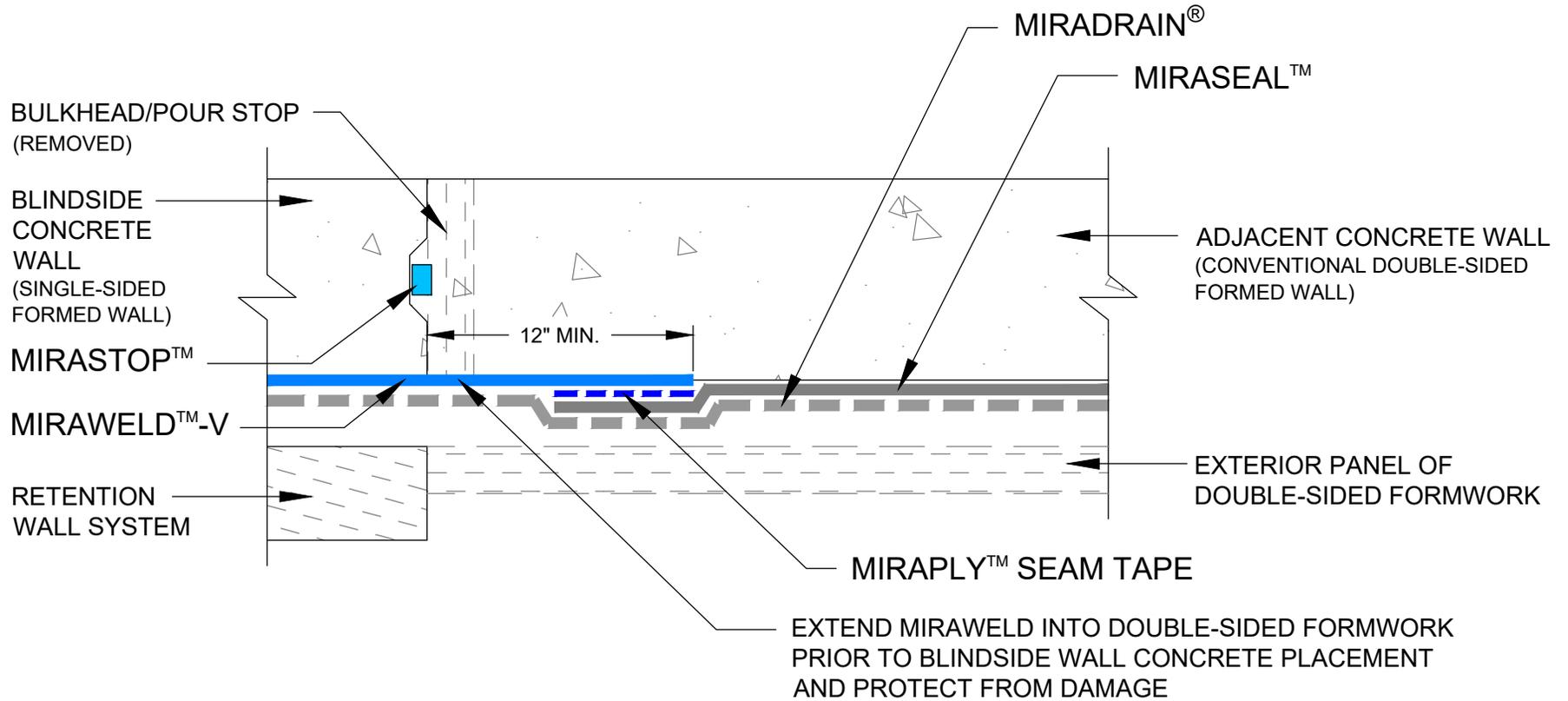
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MIRAWELD™ - MIRASEAL™
WALL TIE-IN

MW-122



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PLAN VIEW

NOTES:

1. Protect the MiraWELD from damage during placement and removal of Pour Stop.
2. Double-Sided Formwork should remain in-place a minimum of 3 days after concrete placement and/or until a minimum of 3,000 psi concrete compressive strength is achieved.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

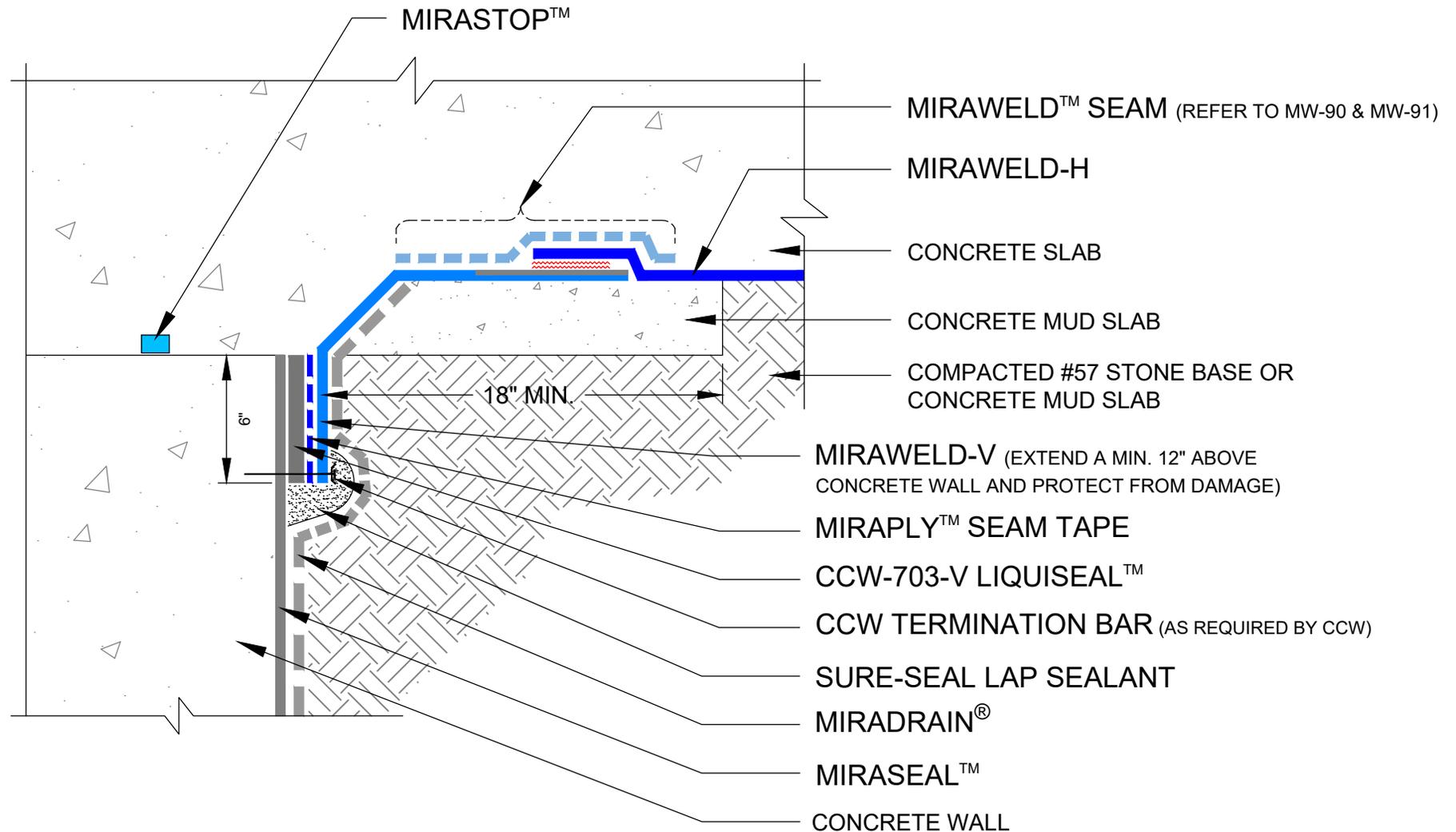
MW-123

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRASEAL™
ADJACENT WALL TIE-IN



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NOTES:

1. Concrete Mud Slab recommended to extend minimum 18" beyond any incline or sloped condition.
2. Protect the MiraWELD from damage during concrete mud slab placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

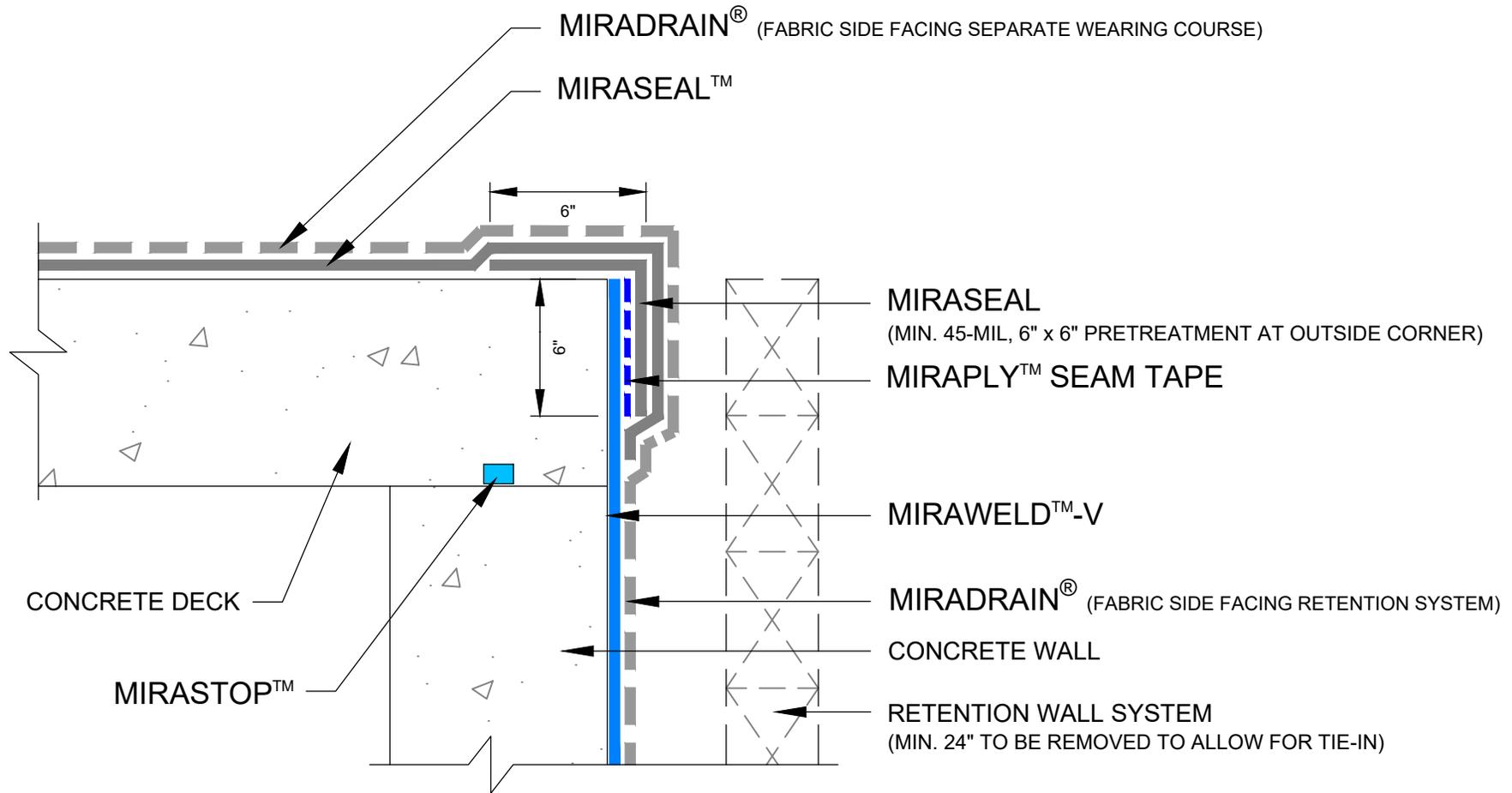
MW-124

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRASEAL™
WALL TO ELEVATED SLAB TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Concrete deck should be sloped to drain as per Specification.
4. Separate Wearing Course (Deck Overburden) not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

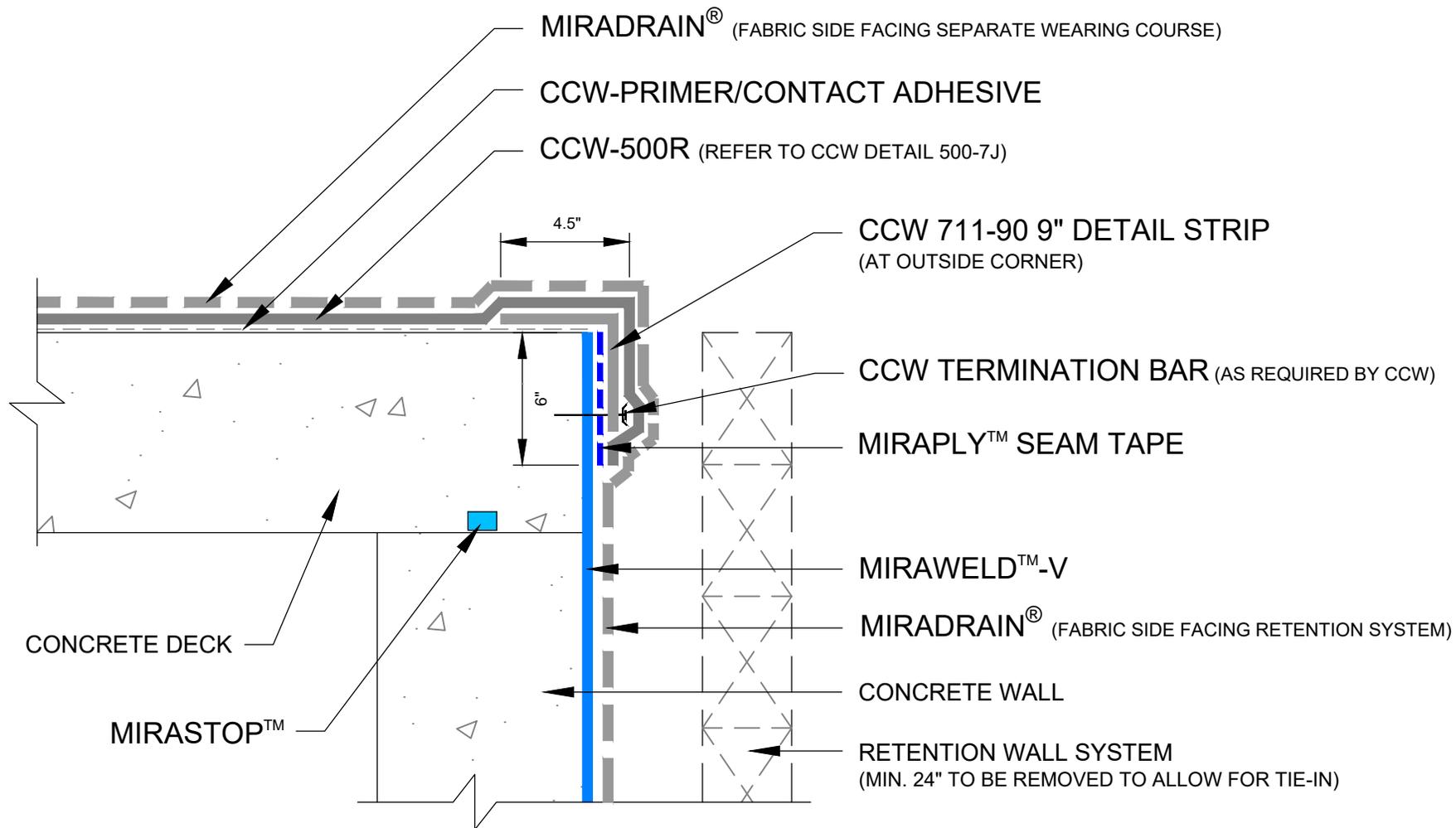
MW-125

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRASEAL™
WALL TO DECK TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Concrete deck should be sloped to drain as per Specification.
4. Separate Wearing Course (Deck Overburden) not shown for clarity.
5. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

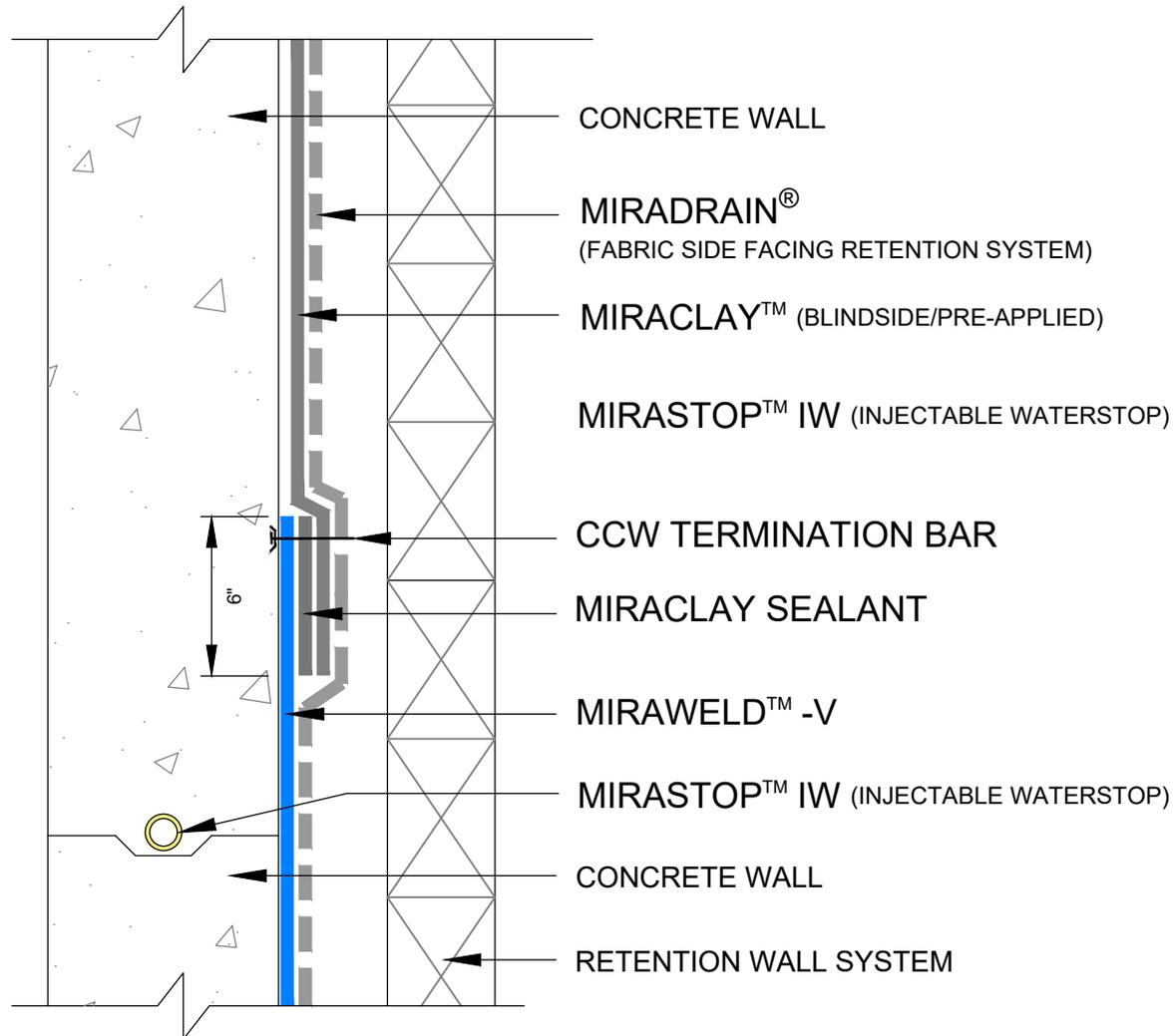
MW-135

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - CCW-500R
WALL TO DECK TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

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MW-142A

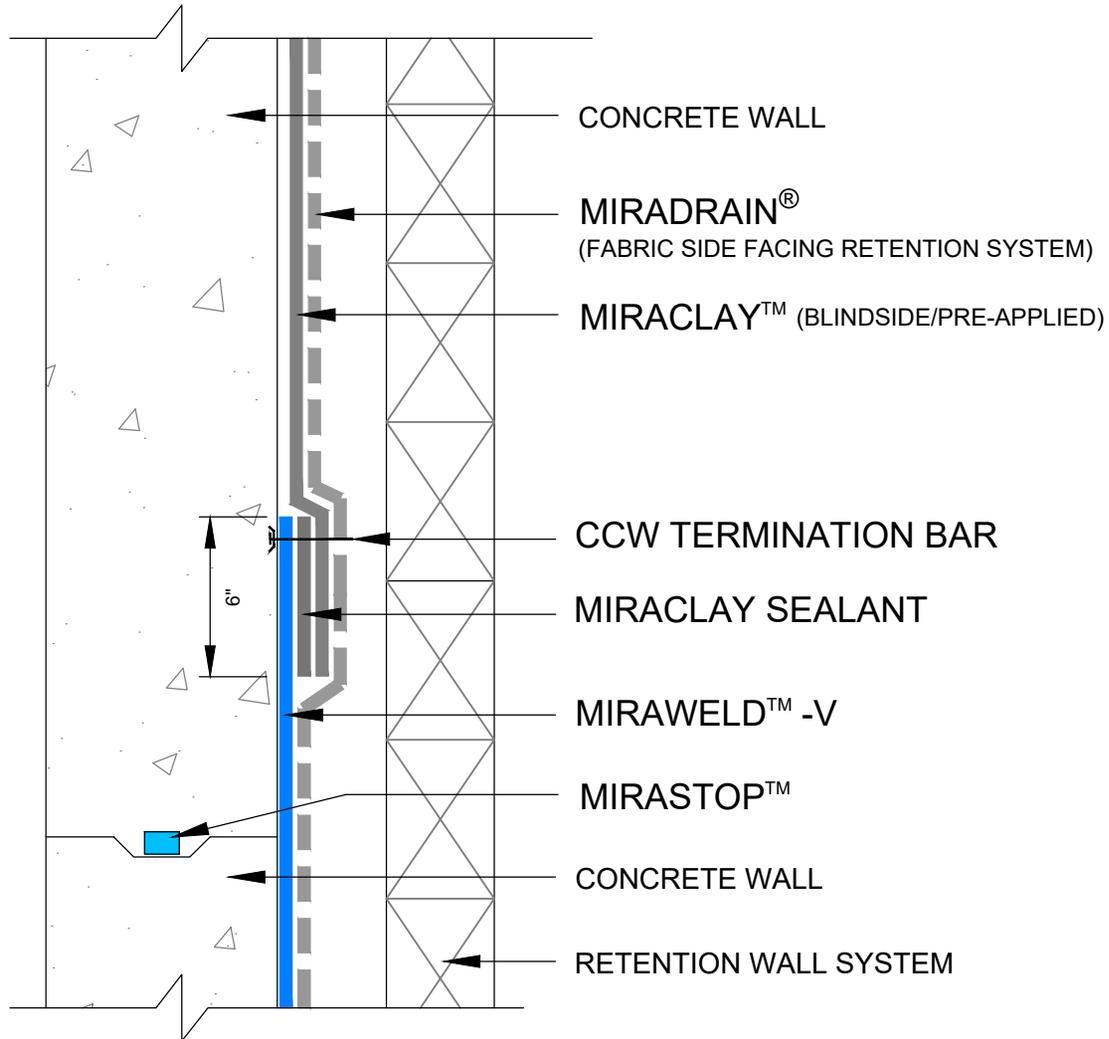
MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRACLAY™

BLINDSIDE WALL TIE-IN with INJECTABLE WATERSTOP



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NOTES:

1. Extend the MiraWELD a minimum of 12" above the concrete pour and protect from damage.
2. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

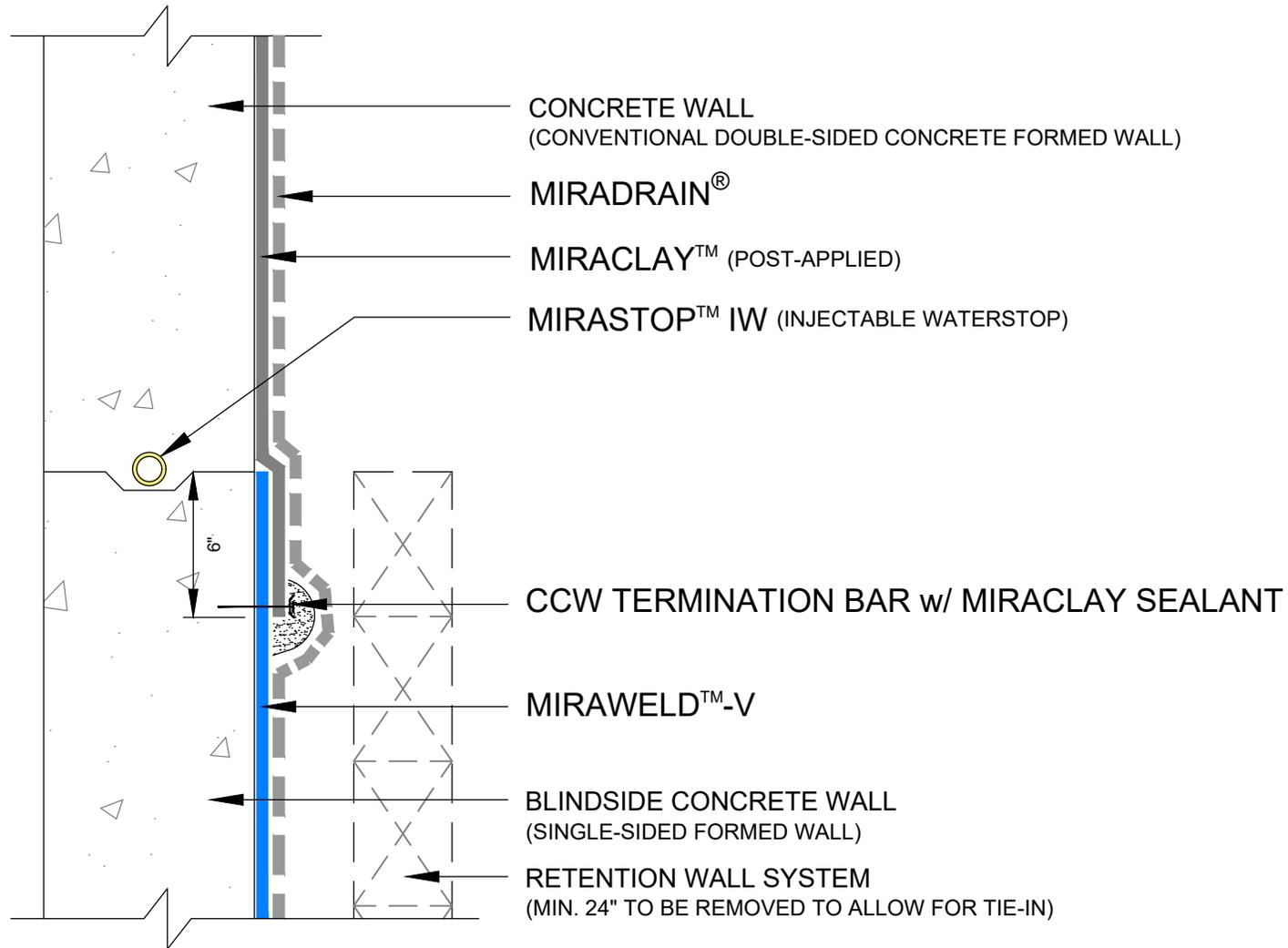
MW-142B

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRACLAY™
BLINDSIDE WALL TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

MW-142C

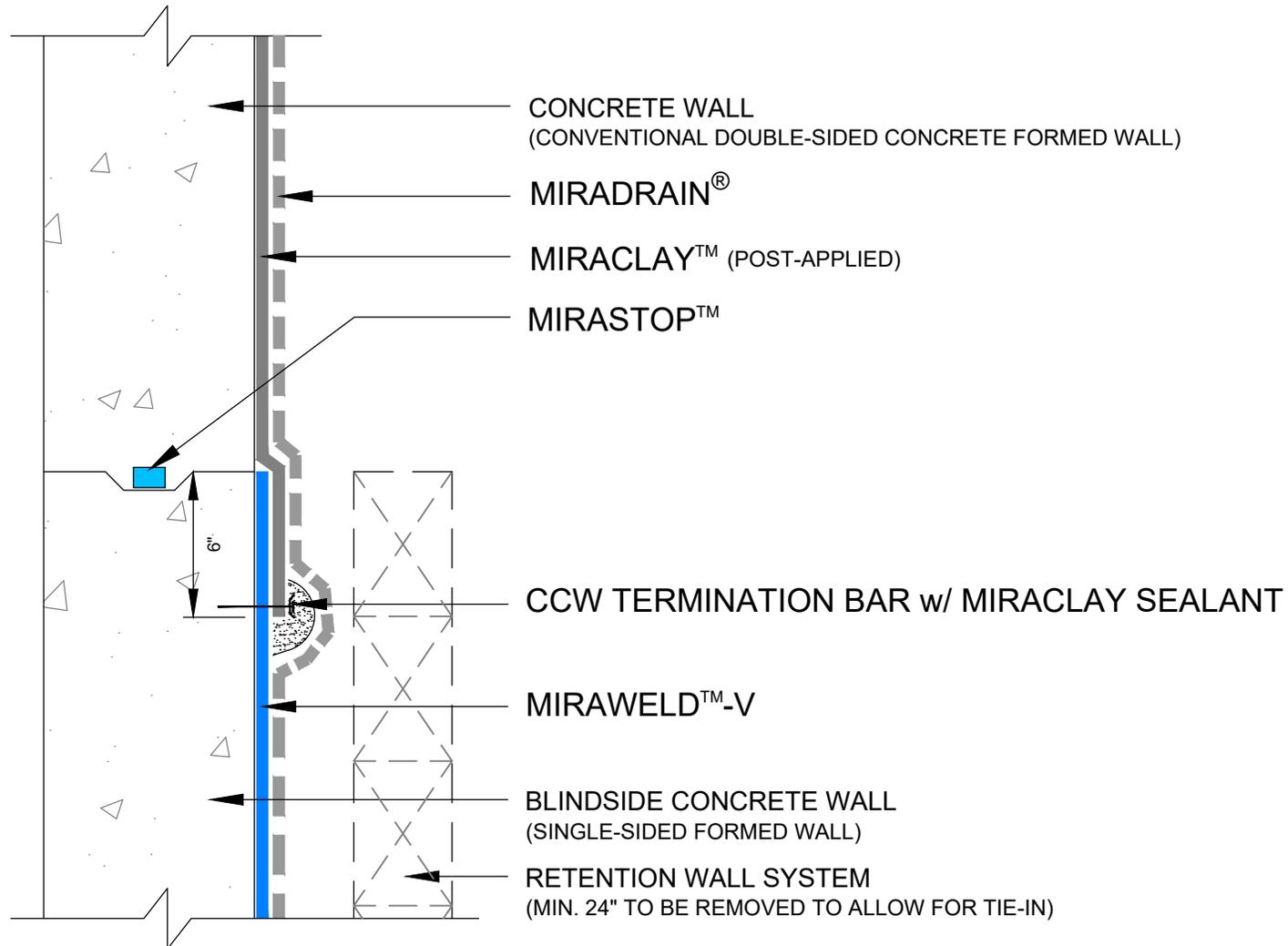
MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRACLAY™

WALL TIE-IN with INJECTABLE WATERSTOP



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Refer to Technical Data Sheets for additional information.

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

MiraWELD™ BLINDSIDE WATERPROOFING

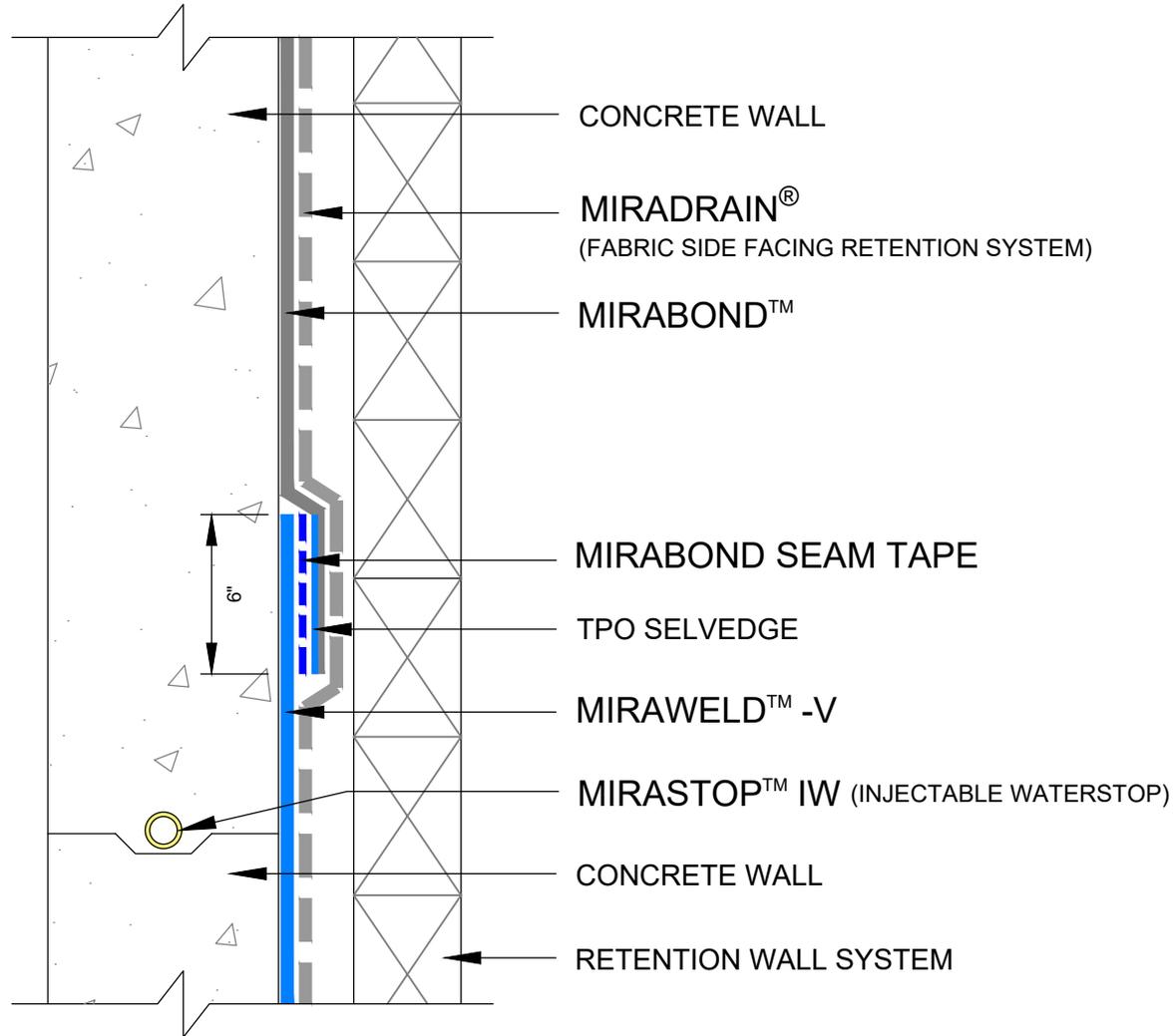
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MIRAWELD™ - MIRACLAY™
WALL TIE-IN



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MW-142D



NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

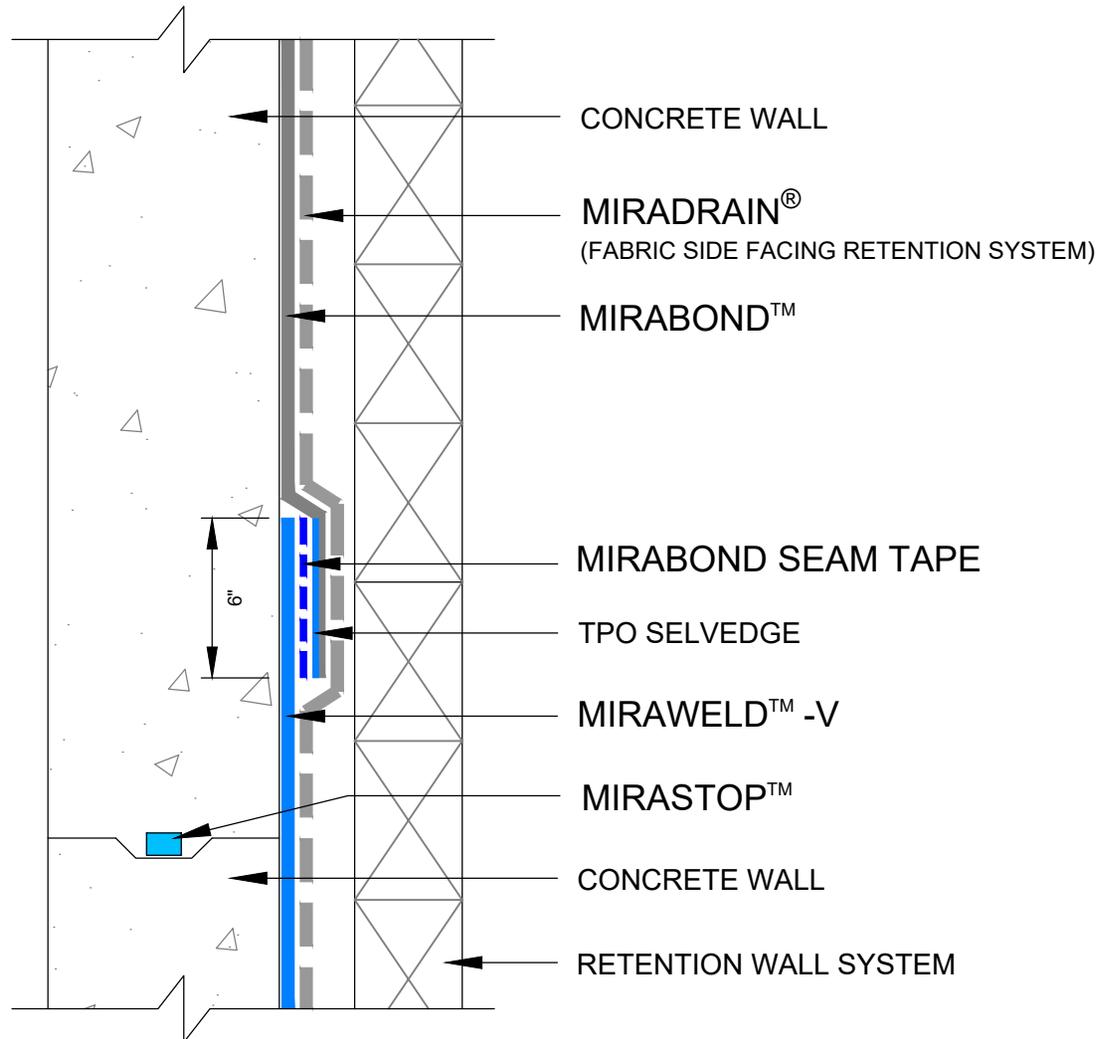
MW-152A

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRABOND™
BLINDSIDE WALL TIE-IN with INJECTABLE WATERSTOP



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

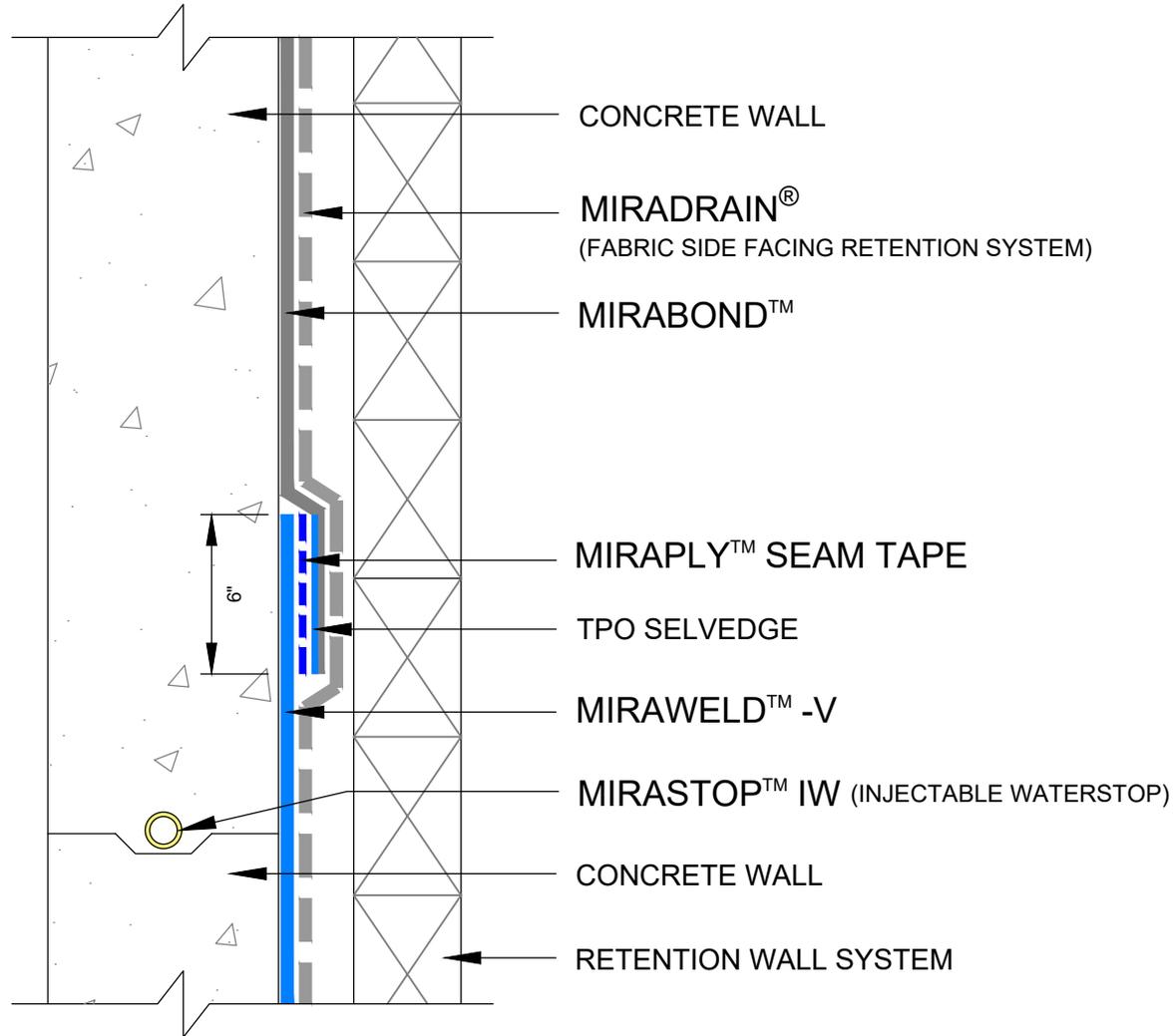
MW-152B

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRABOND™
BLINDSIDE WALL TIE-IN



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. Protect the MiraSTOP IW System from damage prior to and during concrete placement.
3. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
4. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

MW-162A

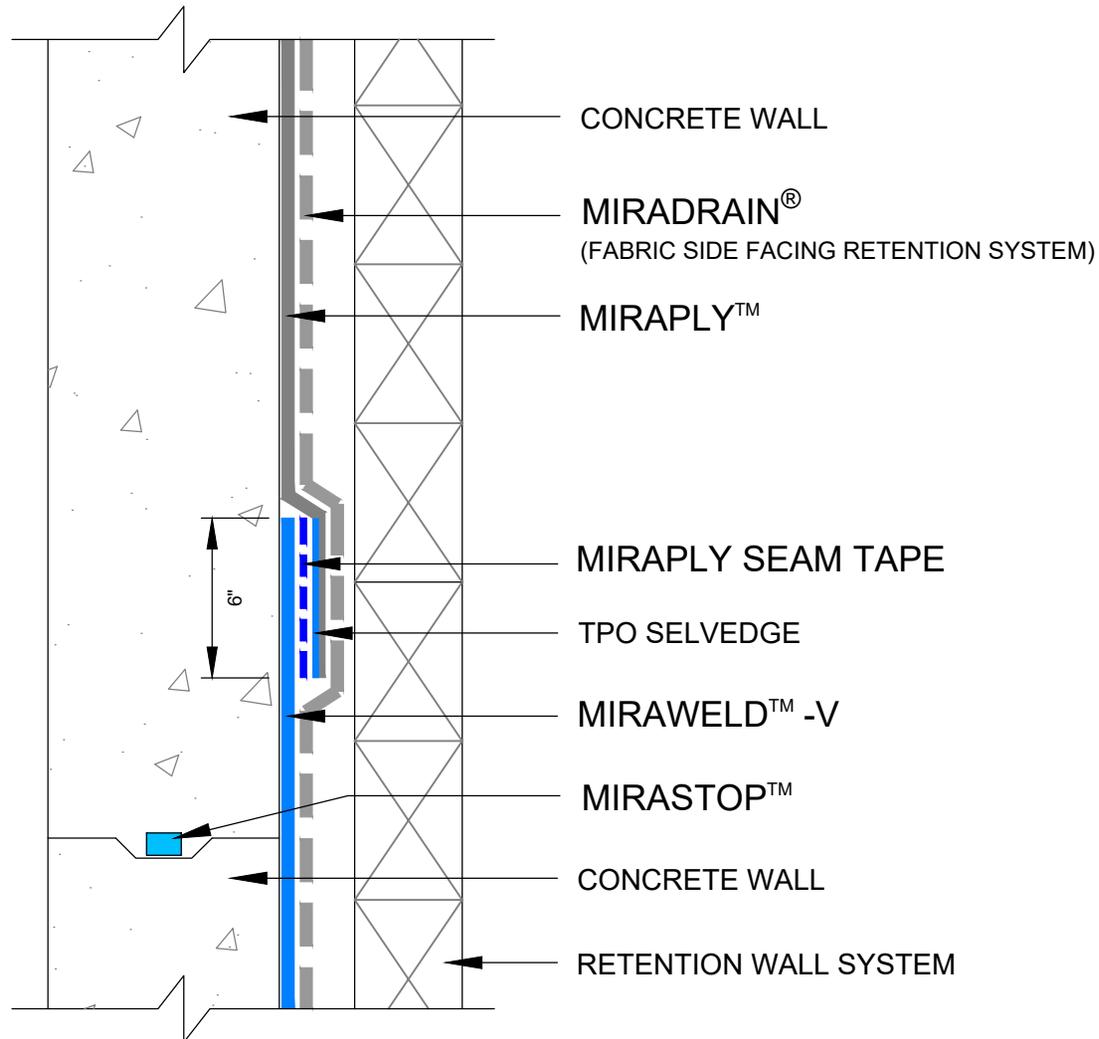
MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRAPLY™

BLINDSIDE WALL TIE-IN with INJECTABLE WATERSTOP



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NOTES:

1. Protect the MiraWELD from damage during removal of Retention Wall System and work by other Trades.
2. MiraDRAIN or CCW approved protection course is required prior to backfill placement.
3. Refer to Technical Data Sheets for additional information.

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

02.24.2021 | N.T.S.

MW-162B

MiraWELD™ BLINDSIDE WATERPROOFING

MIRAWELD™ - MIRAPLY™
BLINDSIDE WALL TIE-IN



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