GENERAL NOTES

1. THE MENTION OF "ABS" BETWEEN BRAKETS NEXT TO COMPONENT OF THE DRAWINGS MEANS THAT THIS COMPONENT IS ONLY REQUIRED WHEN THE WALLL SYSTEM IS USED AS AN AIR BARRIER SYSTEM AS TESTED PER CAN/ULC-S742.

2. IN ORDER TO ACHIEVE A 90 MINUTES FIRE-RATING PER CAN/ULC-S101, 2 LAYERS OF 5/8" TYPE X GYPSUM ARE REQUIRED.

3. IT IS UP TO THE DESIGNER TO DETRMINE THE NEED OF A WEATHER BARRIER OH THE EXTERIOR FACE OF THE EXTERIOR SHEATING. THIS WALL SYSTEM HAS BEEN TESTED WITH THE JOINTS OF THE EXTERIOR SHEATING TAPED, AS SHOWN ON DRAWINGS.

4. THE UNDERSLAB INSULATION CONFIGURATION SHOWN IS ONE OF THE VARIOUS WAY TO ACHIEVE A RADON PROTECTION. REFER TO CCMC 14152-R FOR ADDITIONAL INFORMATION ON RADON CONTROL.

TESTING

1. FIRE TESTING - CAN/ULC-S134: THE HP+ CFR WALL SYSTEM HAS BEEN TESTED TO CAN/ULC-S134 AND SUCCESSFULLY PASSED THE ACCEPTANCE CRITERIA OF ARTICLE 3.1.5.6. OF THE NATIONAL BUILDING CODE (NBC). REFER TO INTERTEK DESIGN NO. BASF/SI 25-01. MAXIMUM THICKNESS OF WALLTITE IS 152 MM.

2. FIRE TESTING - CAN/ULC-S101: THE HP+ CFR WALL SYSTEM HAS A FIRE-RESISTANCE RATING OF 90 MINUTES WHEN TESTED TO CAN/ULC-S101. REFER TO INTERTEK DESIGN NO. BASF/SI 90-01. MAXIMUM THICKNESS OF WALLTITE IS 152 MM.

3. AIR BARRIER SYSTEM TESTING - CAN/ULC-S742: THE HP+ CFR WALL SYSTEM MEETS THE REQUIREMENT OF CAN/ULC-S742 AND ASTM E2357. IT ALSO MEETS THE ABAA REQUIREMENTS FOR AIR LEAKAGE OF AIR BARRIER ASSEMBLIES. MINIMUM THICKNESS OF WALLTITE IS 113 MM.

4. EFFECTIVE R-VALUE - THERMAL MODELING: WHEN UTILIZING 5.5" OF WALLTITE, HP+ CFR HAS AN EFFECTIVE R-VALUE OF R23, TAKING INTO ACCOUNT GENERIC METAL CLADDING AND AIR FILMS. THE MODELING APPROACH USED IS PER THE PROCEDURE OUTLINED IN CSA Z5010:21 BRIDGING CALCULATION METHODOLOGY, AND THE METHODOLOGY PUT FORWARD FOR ASHRAE 1365-RP AND THE BUILDING ENVELOPE THERMAL BRIDGING GUIDE (BETB) 2021.

IMPORTANT NOTE: ALL TESTING OF THIS PATENTED SYSTEM WERE COMPLETED USING WALLTITE, BASF'S PROPRIETARY SPRAY FOAM. THEREFORE, TESTING RESULTS OF HP+ CFR APPLY TO BASF'S FOAM ONLY, AND NO OTHER FOAM CAN BE SUBSTITUTED FOR WALLTITE.

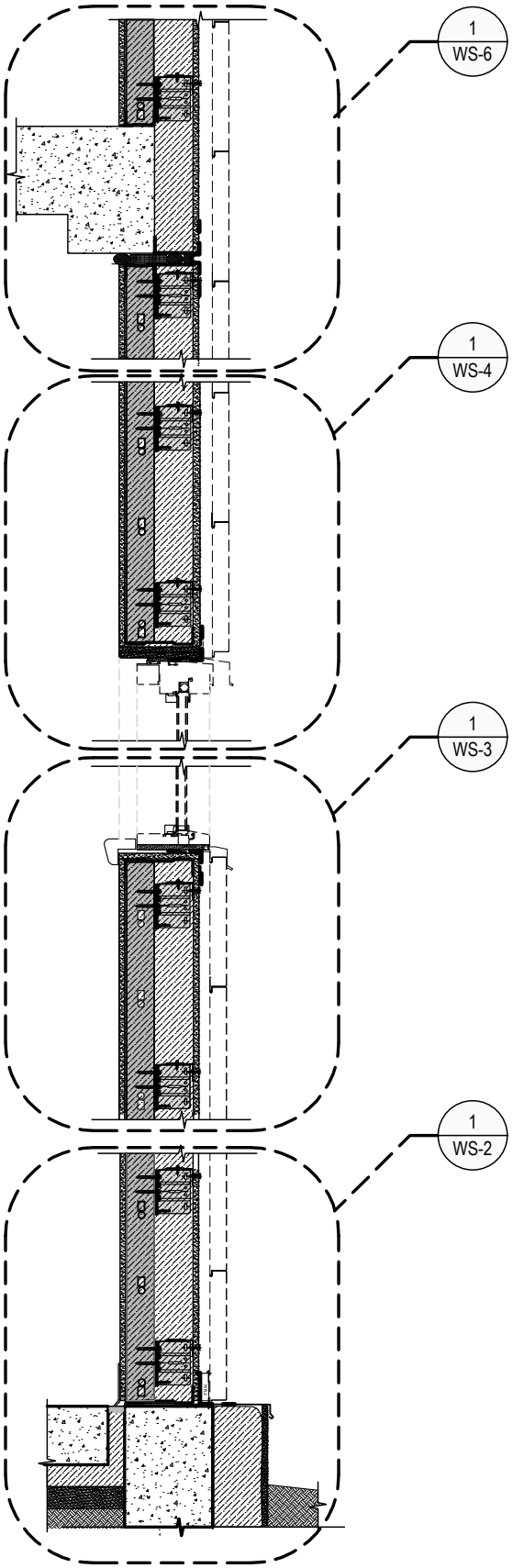
HP+ CFR WALL
GENERAL NOTES

WALLTITE®

BASF
We create chemistry

Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
R0-01	NOT TO SCALE	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

PAGE 1



1 WS-1 WALL SECTION

HP+ CFR WALL

WALLTITE®

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Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-1	3/4" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

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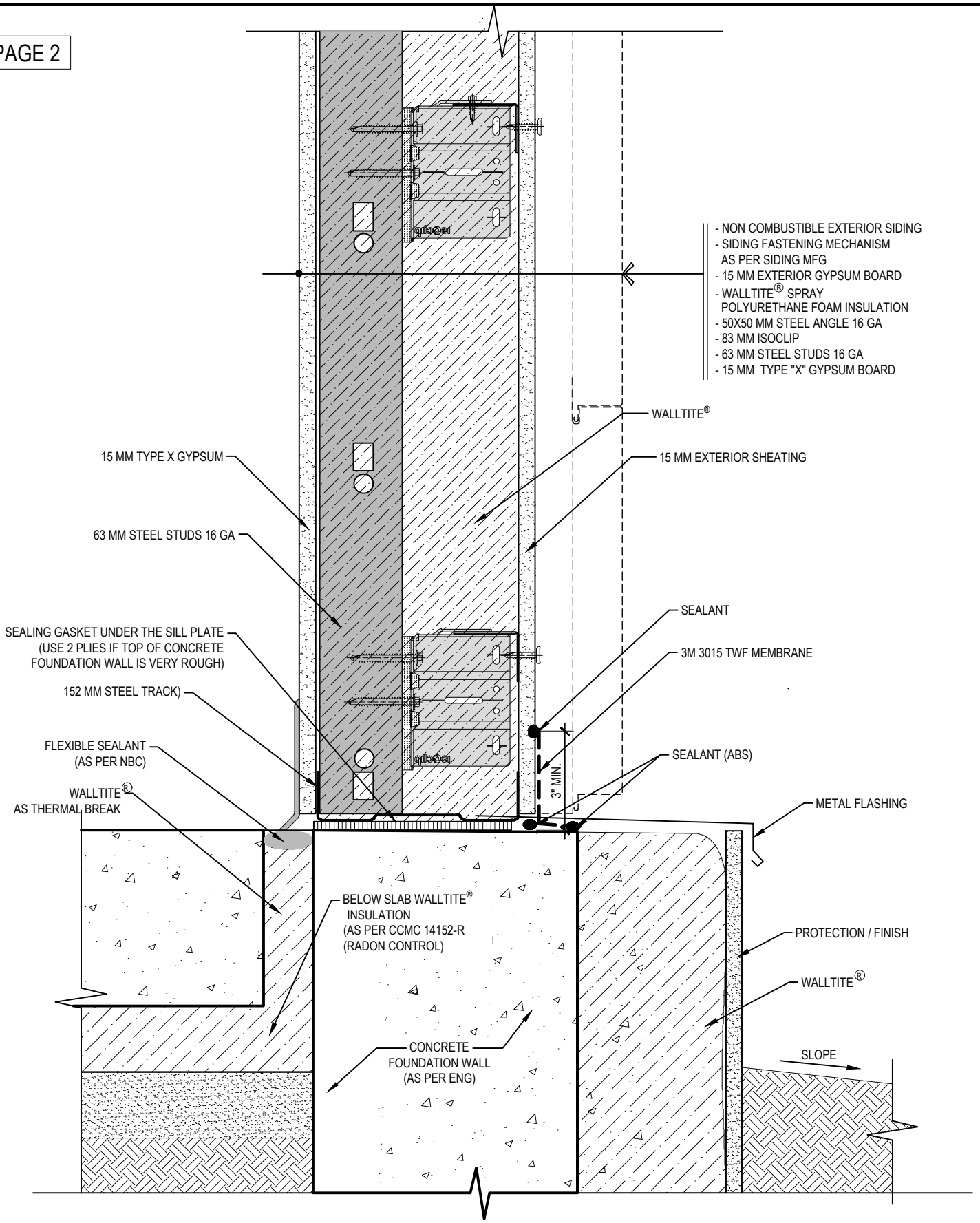

1 WS-2 FOUNDATION TERMINATION

HP+ CFR WALL

WALLTITE®

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Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-2	3" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

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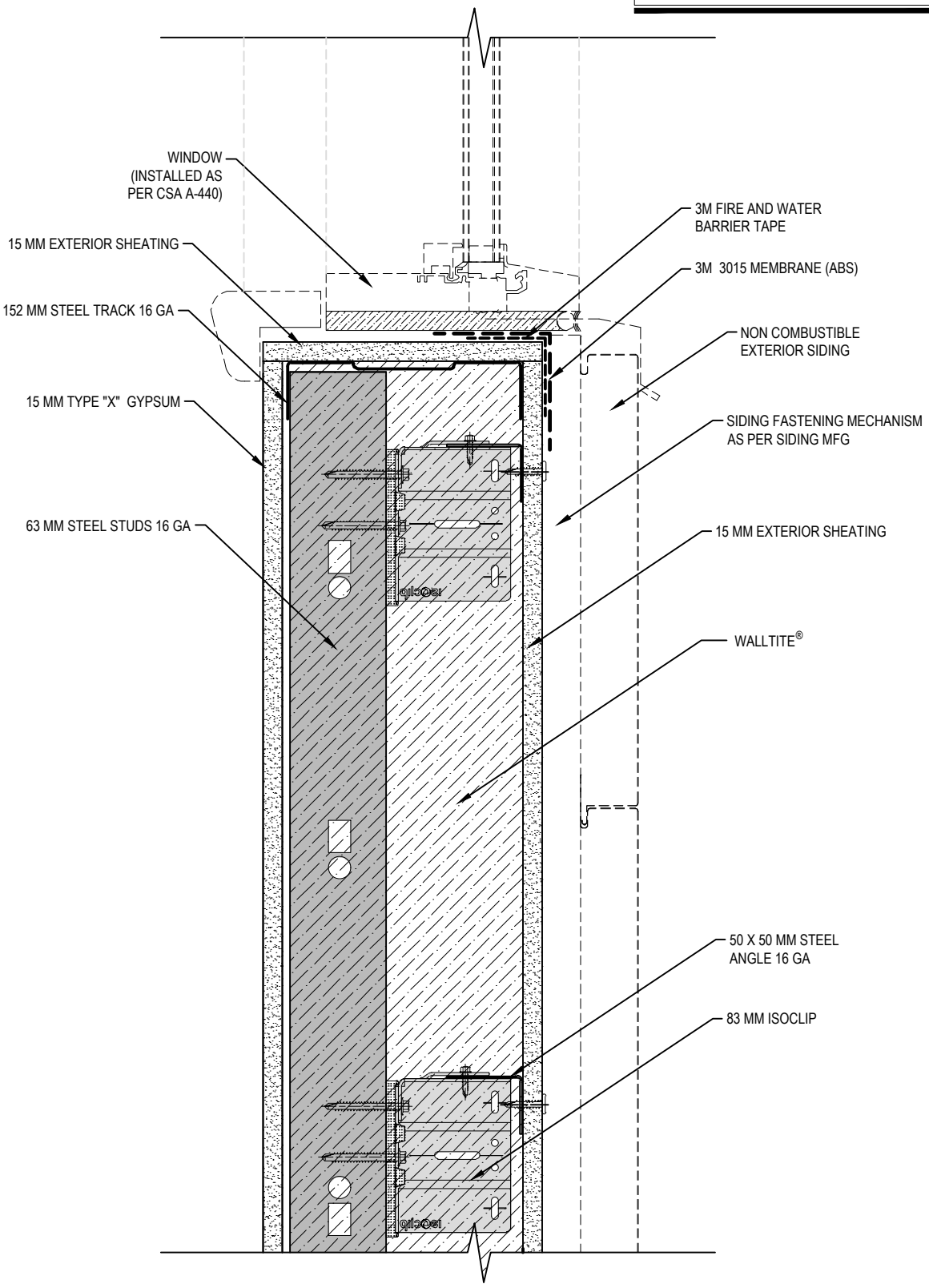
WINDOW INSTALLED AS PER CSA A440



1 WS-3 WINDOW SILL DETAIL

HP+ CFR WALL

WALLTITE®

BASF We create chemistry

Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-3	3" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

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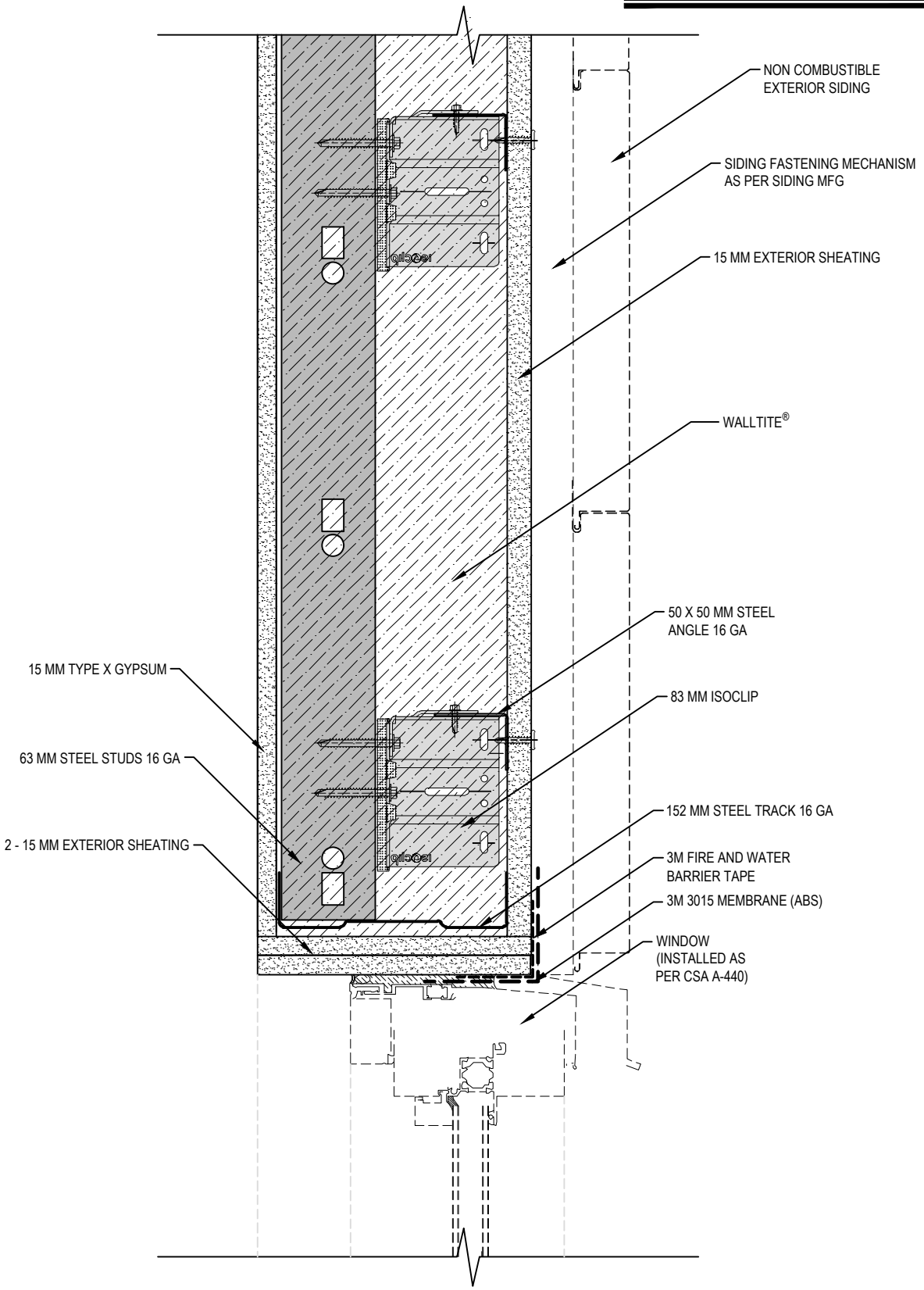
WINDOW INSTALLED AS PER CSA A440



1 / WS-4 WINDOW HEAD DETAIL

HP+ CFR WALL

WALLTITE®

BASF We create chemistry

Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-4	3" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

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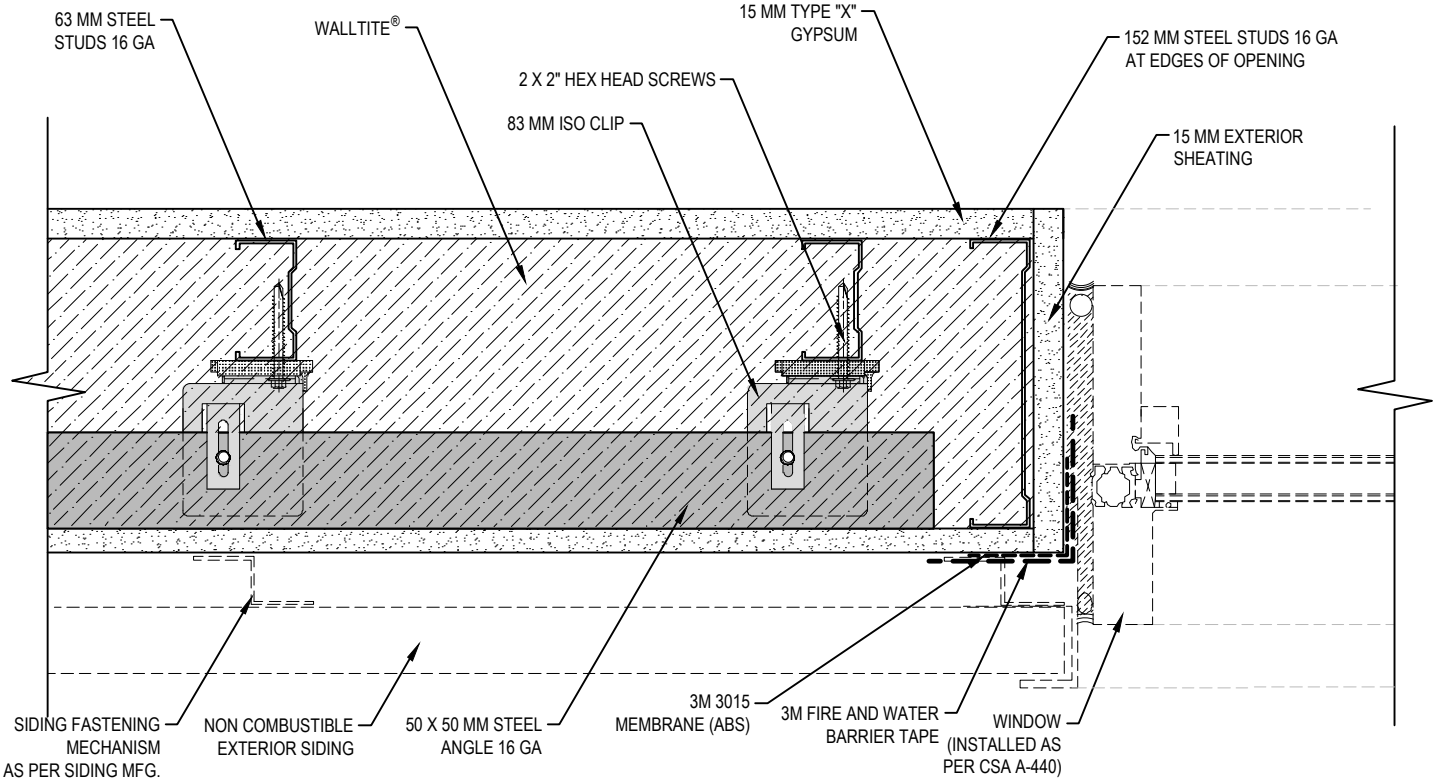

1 / WS-5 WINDOW JAMB DETAIL

HP+ CFR WALL

WALLTITE®

BASF We create chemistry

Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-5	3" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

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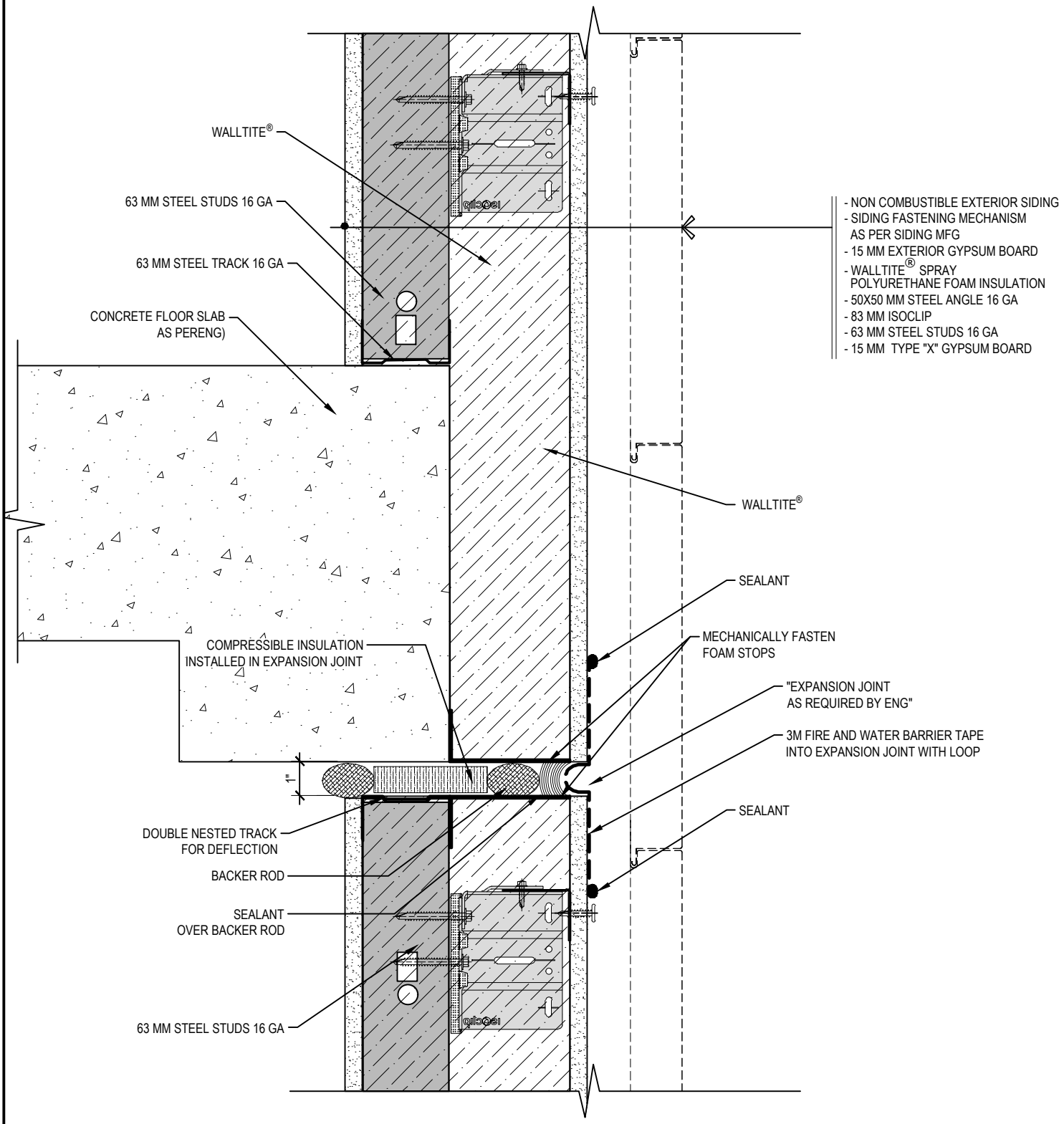

1 / WS-6 WALL TO FLOOR JUNCTION (CONCRETE FLOOR)

HP+ CFR WALL

WALLTITE®

BASF We create chemistry

Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
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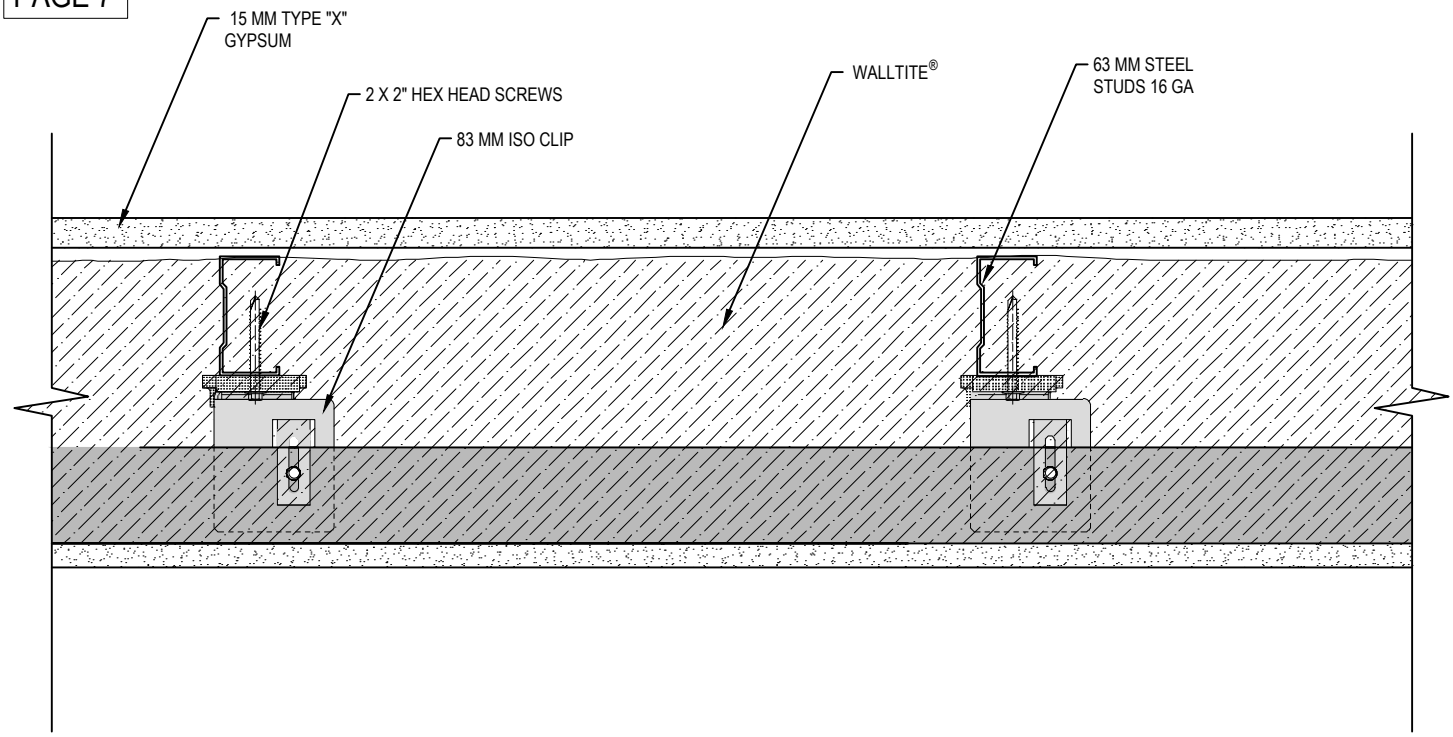

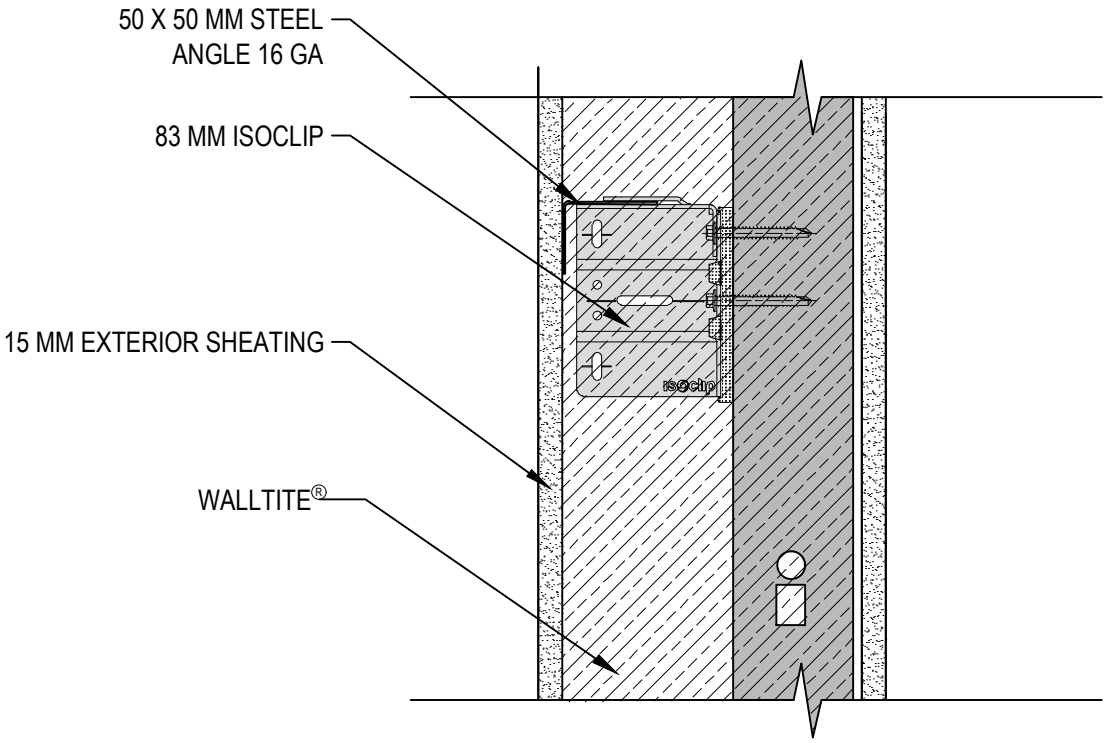

1 WS-7 GENERAL	HP+ CFR WALL	WALLTITE®	BASF We create chemistry			
Drawing Number: WS-7	Scale: 3" = 1'-0"	Project no: SH22 HP+ CFR	Date: JUNE 07 2023	Designed by: I.H.	Drawn by: E.L.	Checked by: F.D.

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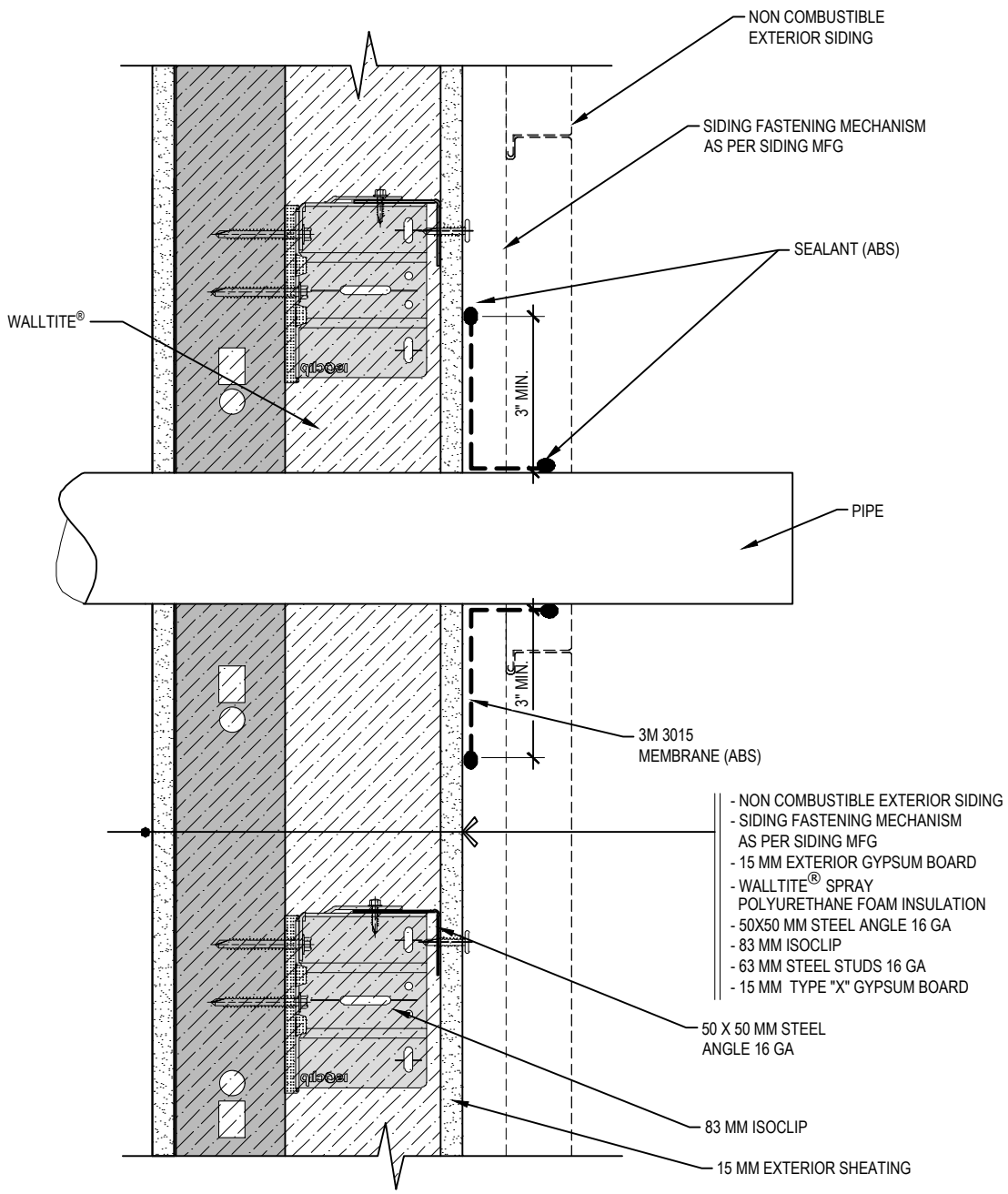

1 / WS-8 PENETRATION DETAIL FOR "ABS"

HP+ CFR WALL

WALLTITE®

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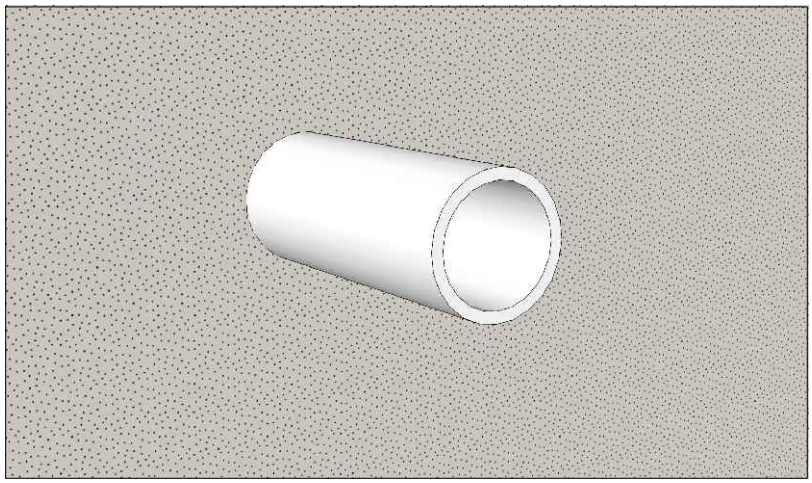
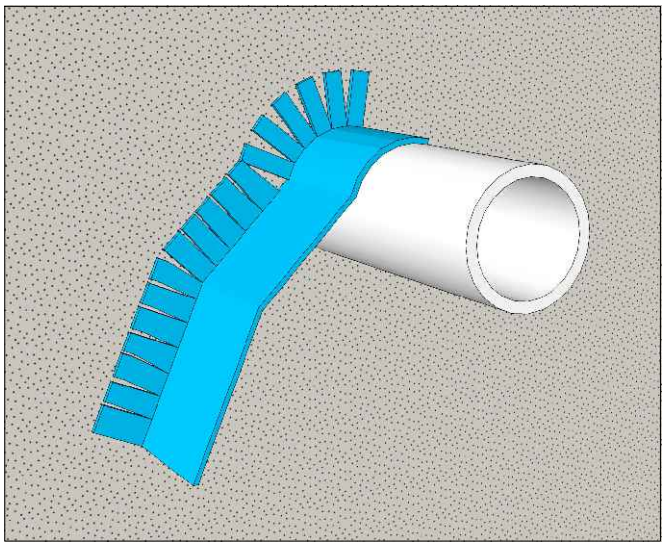
Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-8	3" = 1'-0"	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.

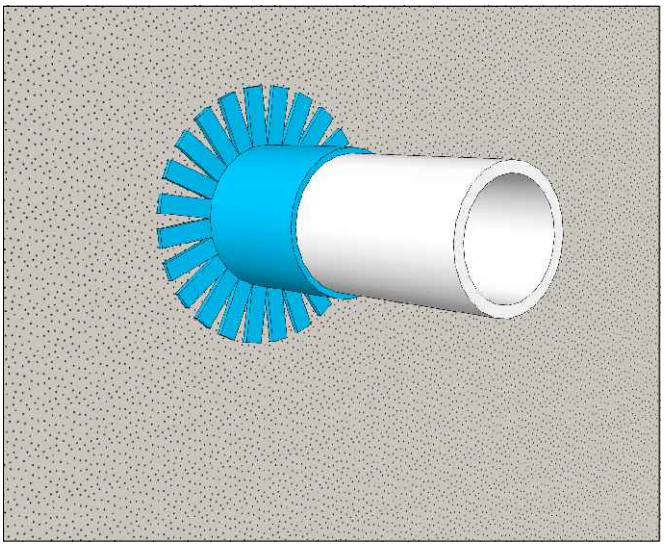


STEPS FOR SEALING AROUND WALL PENETRATIONS



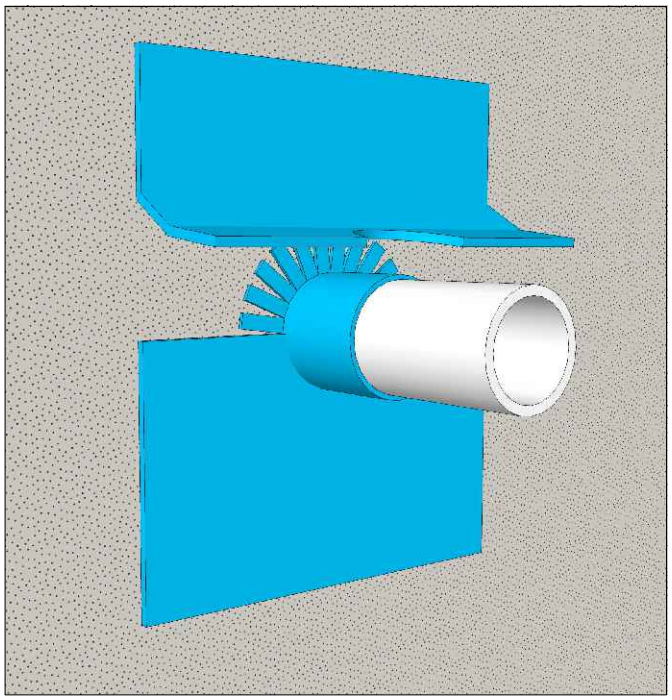
STEP 1.A

INSTALL A TRANSITION MEMBRANE AROUND THE PIPE.
CUT THE EDGE OF THE MEMBRANE TO ENSURE THE MEMBRANE IS WELL ADHERED TO THE WALL AND ALONG THE PERIMETER OF THE PIPE.
NOTE: INSTALL THE MEMBRANE STARTING FROM THE BOTTOM OF THE PIPE.



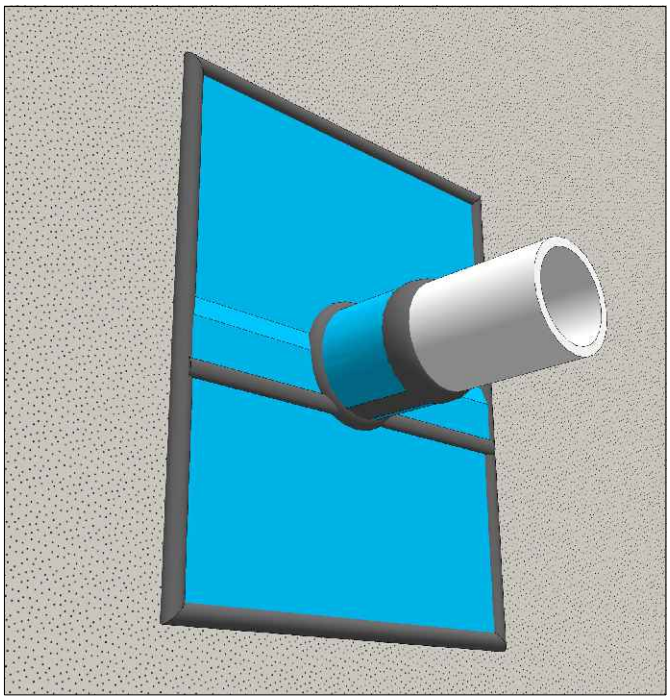
STEP 1.B

1 WS-9 PENETRATION - 3D DETAIL		HP+ CFR WALL	WALLTITE® BASF We create chemistry			
Drawing Number: WS-9	NOT TO SCALE	Project no: SH22 HP+ CFR	Date: JUNE 07 2023	Designed by: I.H.	Drawn by: E.L.	Checked by: F.D.



STEP 2

INSTALL A MEMBRANE ON THE WALL TO COVER THE LOWER HALF OF THE PIPE.



STEP 3

INSTALL A SECOND MEMBRANE ON THE WALL TO COVER THE UPPER PART OF THE PIPE AND OVERLAP WITH THE LOWER MEMBRANE.
SEAL THE PERIMETER AND ALL THE MEMBRANE JOINTS.

1 WS-10 PENETRATION - 3D DETAIL

HP+ CFR WALL

WALLTITE®

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Drawing Number:	Scale:	Project no:	Date:	Designed by:	Drawn by:	Checked by:
WS-10	NOT TO SCALE	SH22 HP+ CFR	JUNE 07 2023	I.H.	E.L.	F.D.