



CAROLINA SOFTBALL STADIUM - WATERPROOF REPAIRS

1318 HEYWARD ST
COLUMBIA, SC 29201

OCTOBER 5, 2016

PROJECT DESCRIPTION

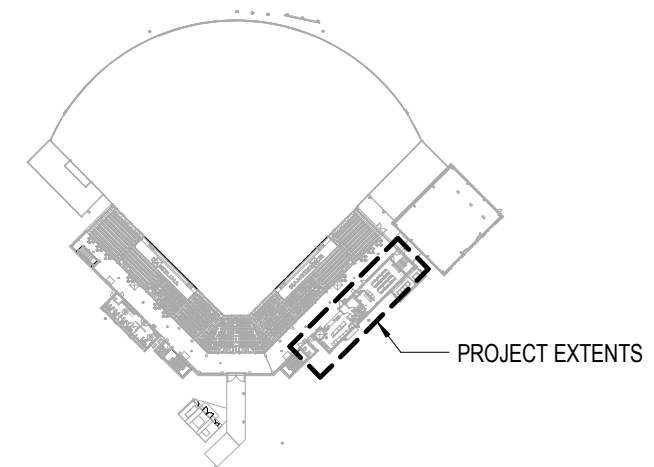
Repairs to the existing USC Women's Softball Stadium will be made to address water infiltration that has been reported and observed at the home side lower level area. Repairs involve selective demolition of existing brick along the length of the exterior wall at the home side concourse level in order to access an existing expansion joint which has been determined to be the point of entry for water into the interior of the stadium. These details outline several corrective measures to be taken along the length of this expansion joint, including the construction of a new concrete curb and re-installation of flashing along the base of the wall as well as at door and elevator openings. Metal thresholds will also be replaced at these openings.

SHEET INDEX

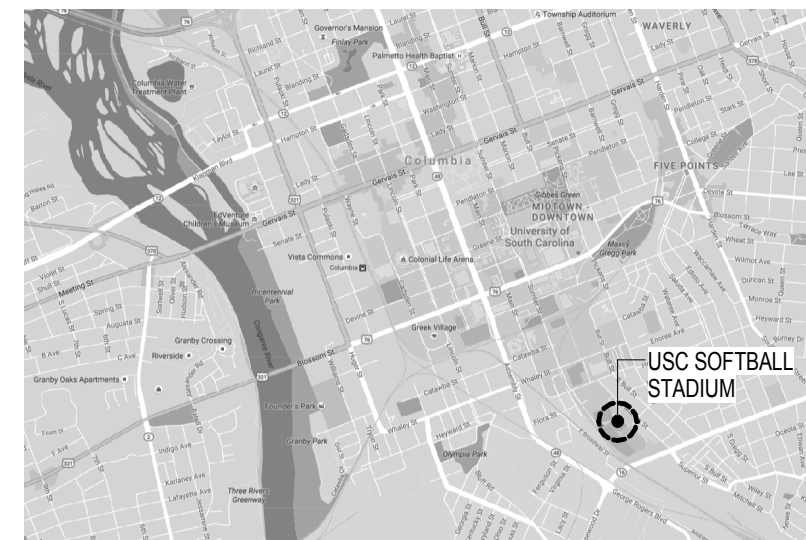
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PROJECT TEAM

QUACKENBUSH ARCHITECTS + PLANNERS
1217 HAMPTON ST
COLUMBIA, SC 29201
803.771.2999

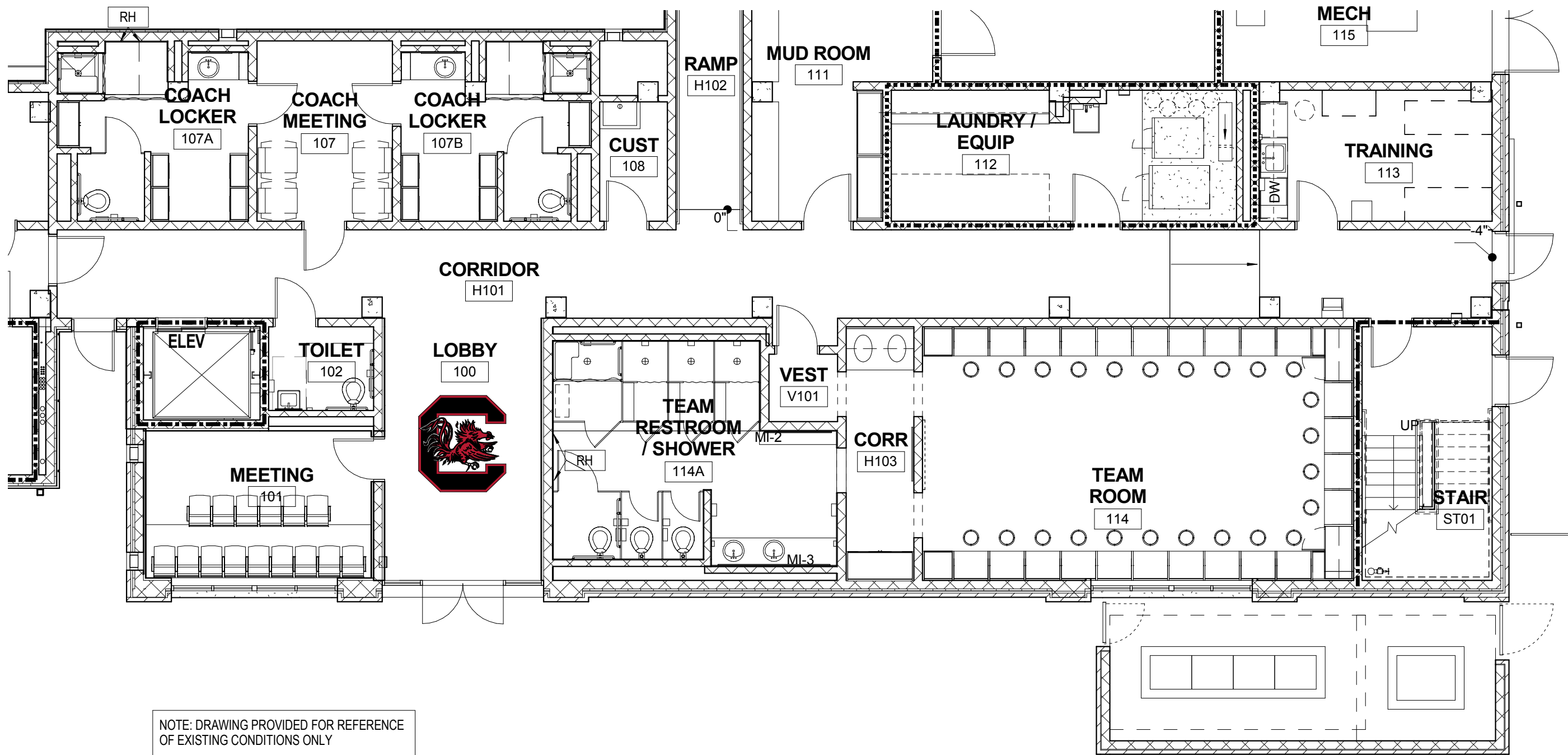


PROJECT EXTENTS - SITE PLAN



PROJECT LOCATION
1318 HEYWARD ST





NOTE: DRAWING PROVIDED FOR REFERENCE OF EXISTING CONDITIONS ONLY

1 ENLARGED PLAN LOWER LEVEL HOME SIDE
 A-101 SCALE: 1/8" = 1'-0"



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Project No.
 15.181.00
 Date
 10/05/16

SHEET NAME
 Lower Level Floor Plan

SHEET NO.
A-101



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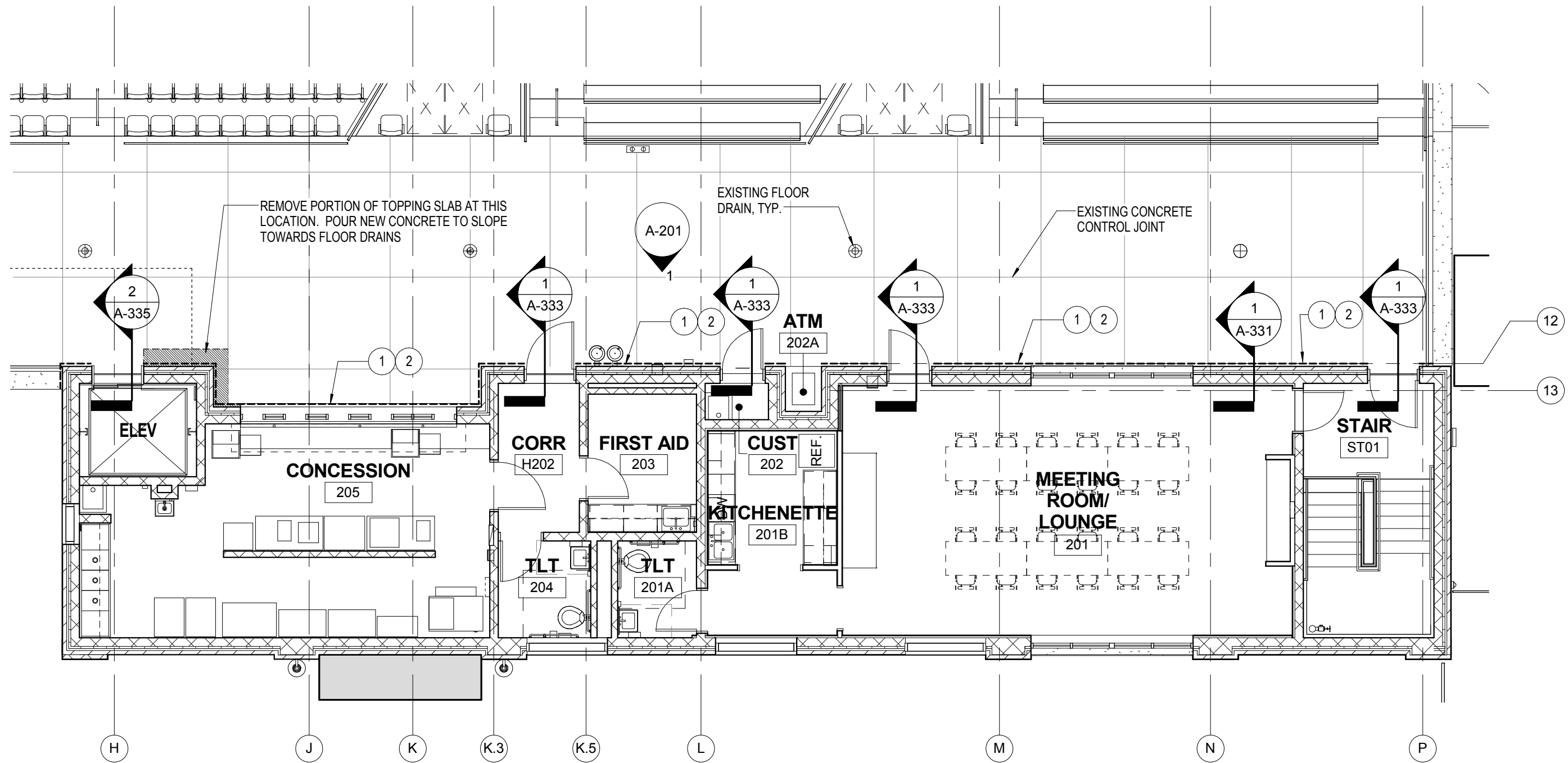
Project No.
 15.181.00
 Date
 10/05/16

SHEET NAME
 Concourse Level
 Floor Plan

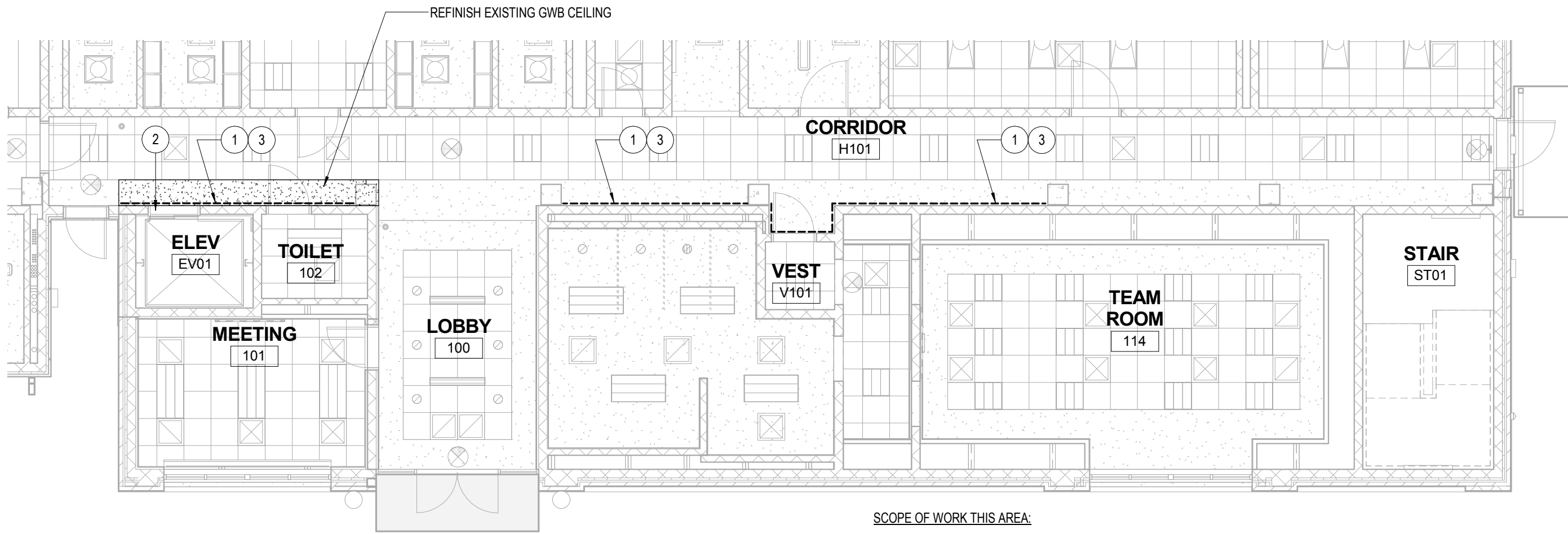
SHEET NO.
A-102

AT ALL AREAS INDICATED WITH DASHED LINE:

- 1 REMOVE 4 COURSES OF EXISTING BRICK VENEER TO ACCESS SUBSTRATE FOR WATERPROOFING REPAIR - SEE ELEVATIONS AND DETAILS
- 2 PROVIDE NEW FLASHING AT DOOR FRAMES/SILLS AS NOTED IN DETAILS



1 ENLARGED CONCOURSE LEVEL PLAN HOME SIDE
 A-102 SCALE: 1/8" = 1'-0"



1 LOWER LEVEL REFLECTED CEILING PLAN HOME SIDE
 A-121 SCALE: 1/8" = 1'-0"

- SCOPE OF WORK THIS AREA:**
- 1 ----- LINE INDICATES NEW PAINTABLE SEALANT INSTALLED AT JOINT BETWEEN G.W.B. AND C.M.U.
 - 2 CLEAN WATER STAINS FROM STAINLESS STEEL ELEVATOR FRAME AND DOOR
 - 3 TOUCH UP PAINT AT WALL AND SOFFIT - COLOR TO MATCH EXISTING

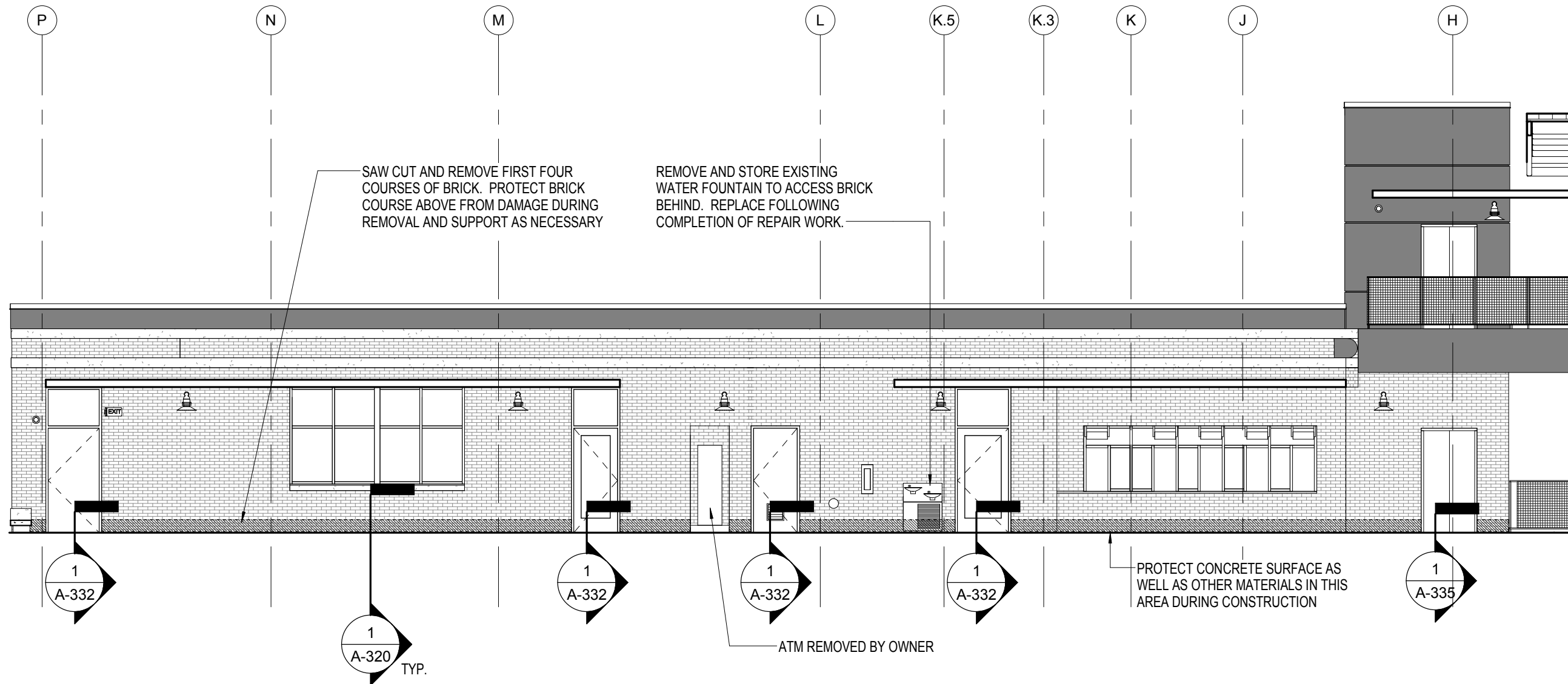


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SHEET NAME
 Lower Level RCP

SHEET NO.
A-121



1 HOME SIDE CONCOURSE PARTIAL ELEVATION - DEMO
 A-201 SCALE: 1/8" = 1'-0"



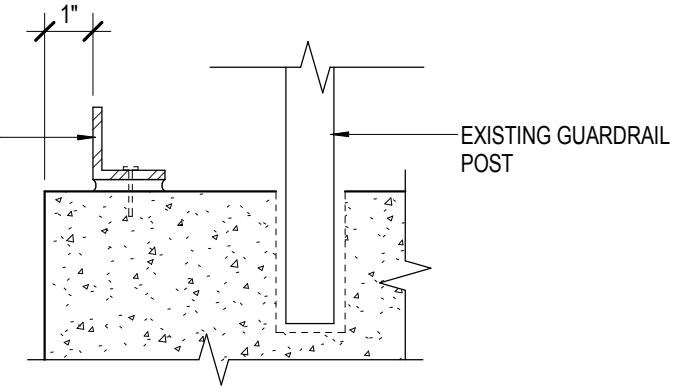
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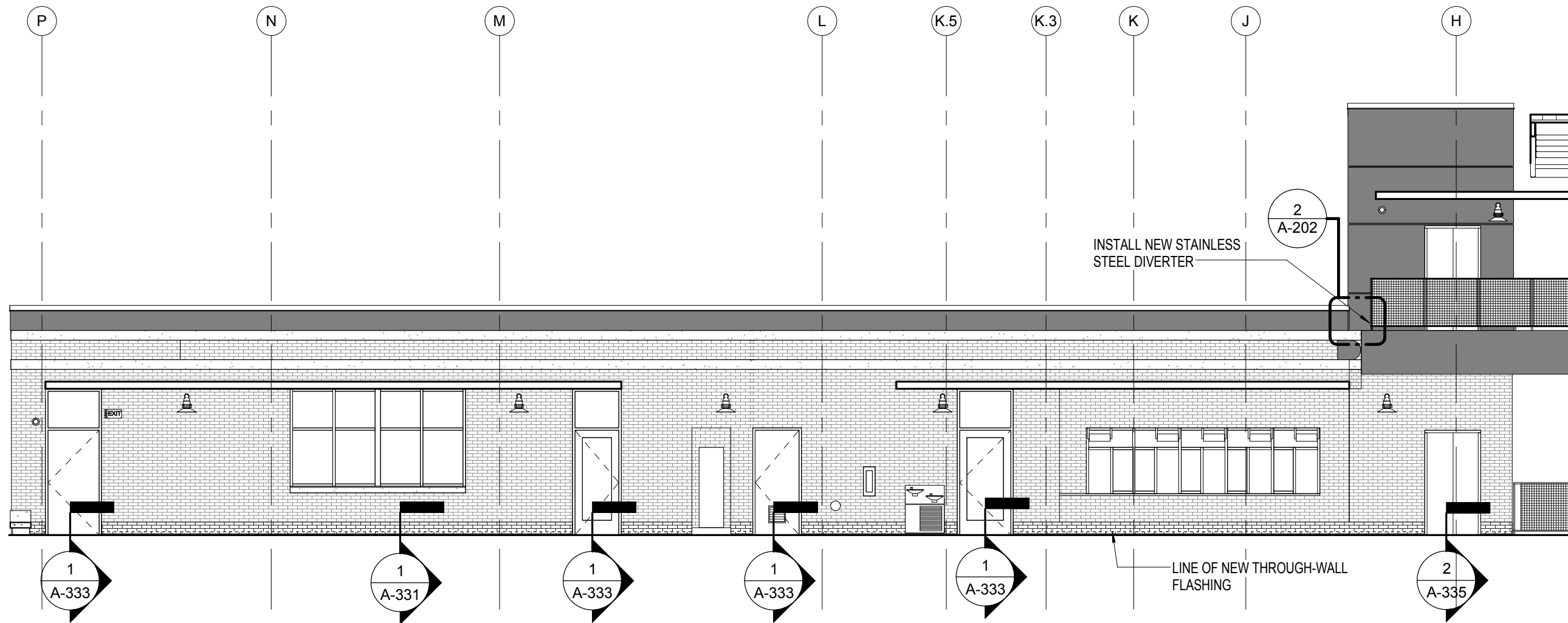
SHEET NAME
 Concourse Level
 Elevation - Demo

SHEET NO.
A-201

3/16" x 1-1/2" x 1-1/2" STAINLESS STEEL
 ANGLE DIVERTER (8 LINEAR FEET)
 SET IN A BED OF SEALANT - ATTACH TO
 SLAB @ 4'-0" O.C. MAX. PAINT TO MATCH
 EXISTING HANDRAIL COLOR



2 DIVERTER AT ELEVATOR BALCONY EDGE
 A-202 SCALE: 3" = 1'-0"



1 HOME SIDE CONCOURSE PARTIAL ELEVATION - REPAIR
 A-202 SCALE: 1/8" = 1'-0"



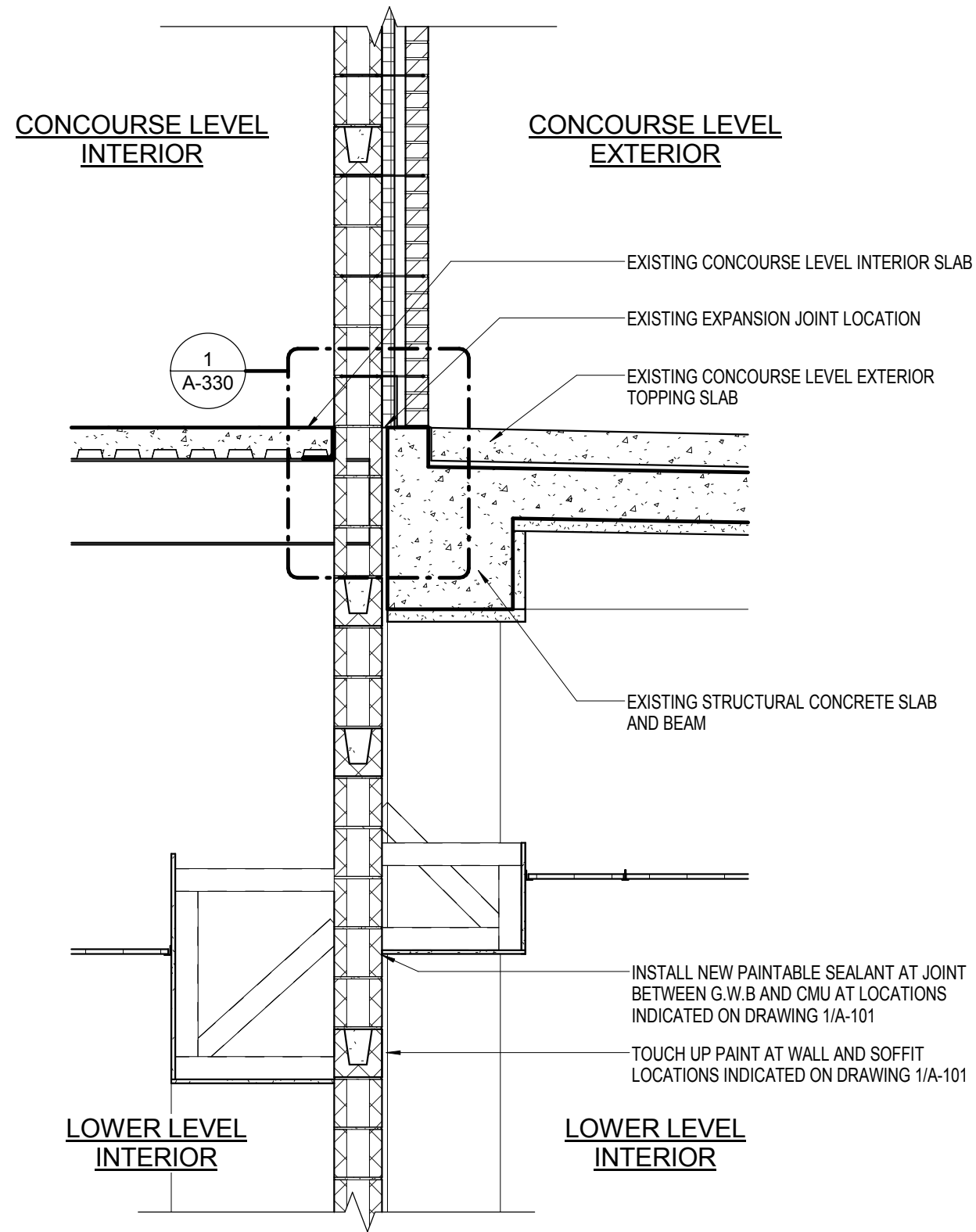
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SHEET NAME
 Concourse Level
 Elevation - Repair

SHEET NO.
A-202

NOTE: DRAWING PROVIDED FOR REFERENCE OF EXISTING CONDITIONS ONLY



1
A-320
EXISTING CONDITIONS - WALL SECTION THROUGH EXTERIOR WALL AT CONCOURSE LEVEL
SCALE: 1/2" = 1'-0"

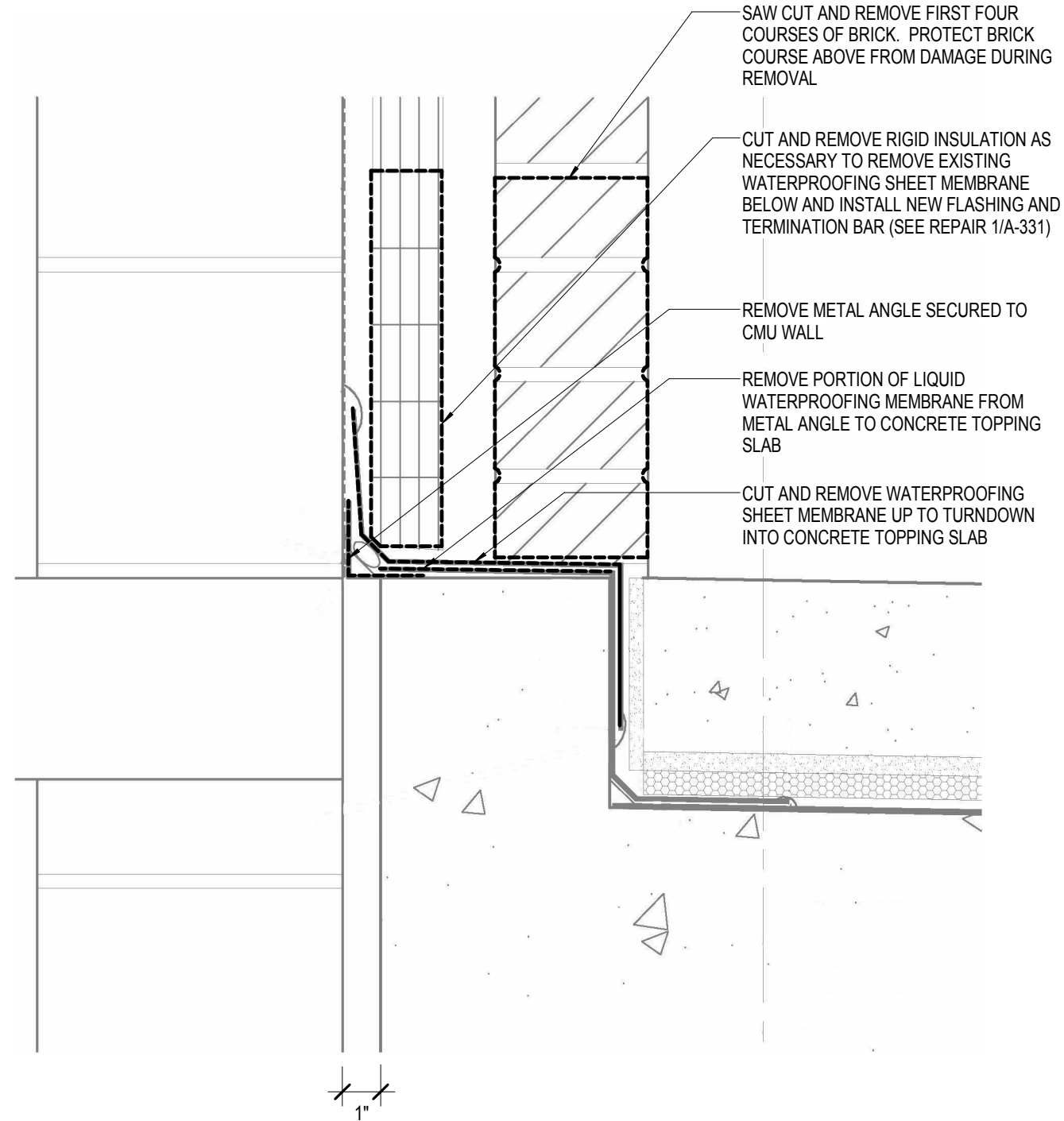


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SHEET NAME
Wall Sections

SHEET NO.
A-320



1 SECTION DETAIL - TYPICAL WALL AT CONCOURSE - DEMO
 A-330 SCALE: 3" = 1'-0"

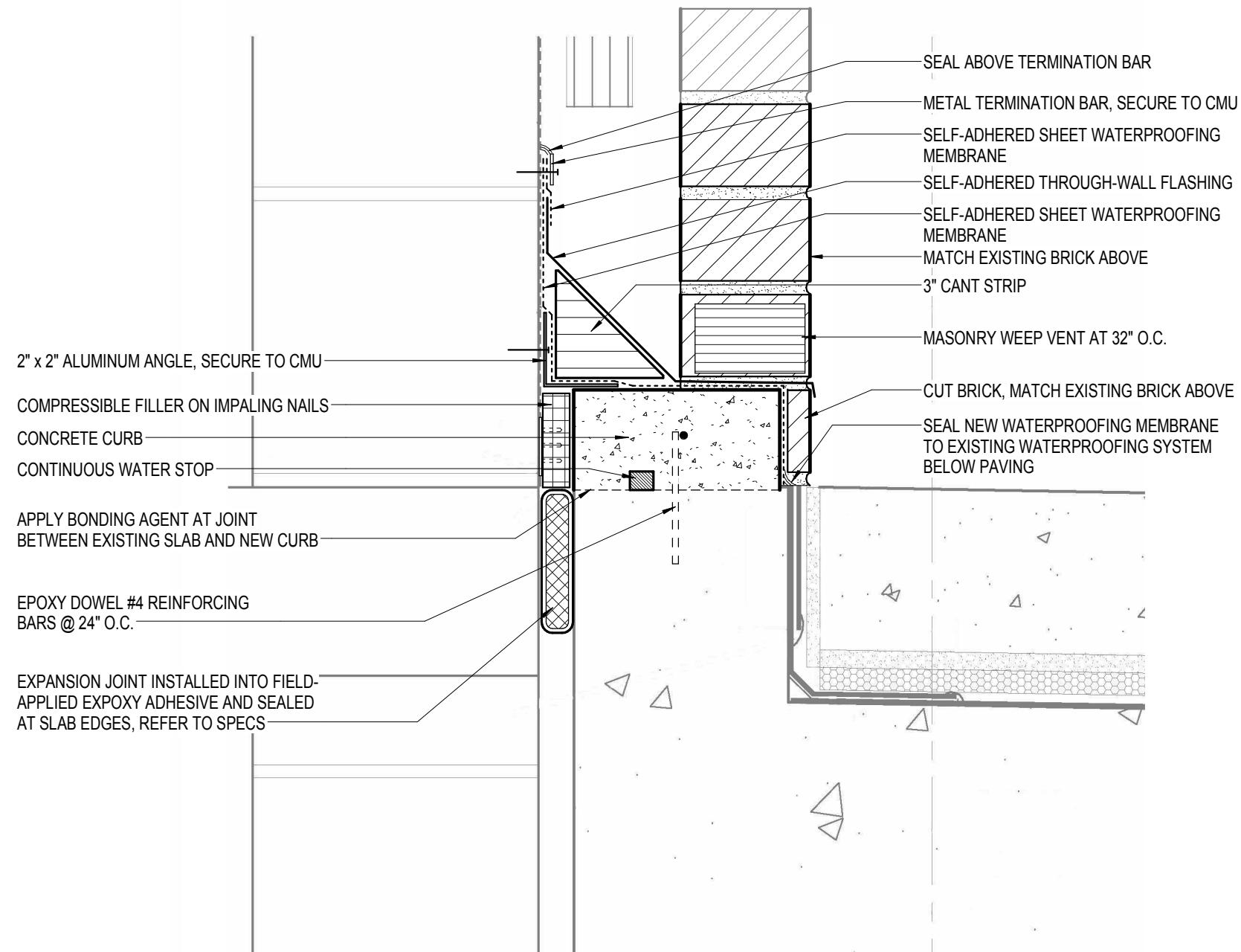


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SHEET NAME
 Exterior Section
 Details - Typical
 Wall Condition

SHEET NO.
A-330



1 SECTION DETAIL - TYPICAL WALL AT CONCOURSE - REPAIR
 A-331 SCALE: 3" = 1'-0"

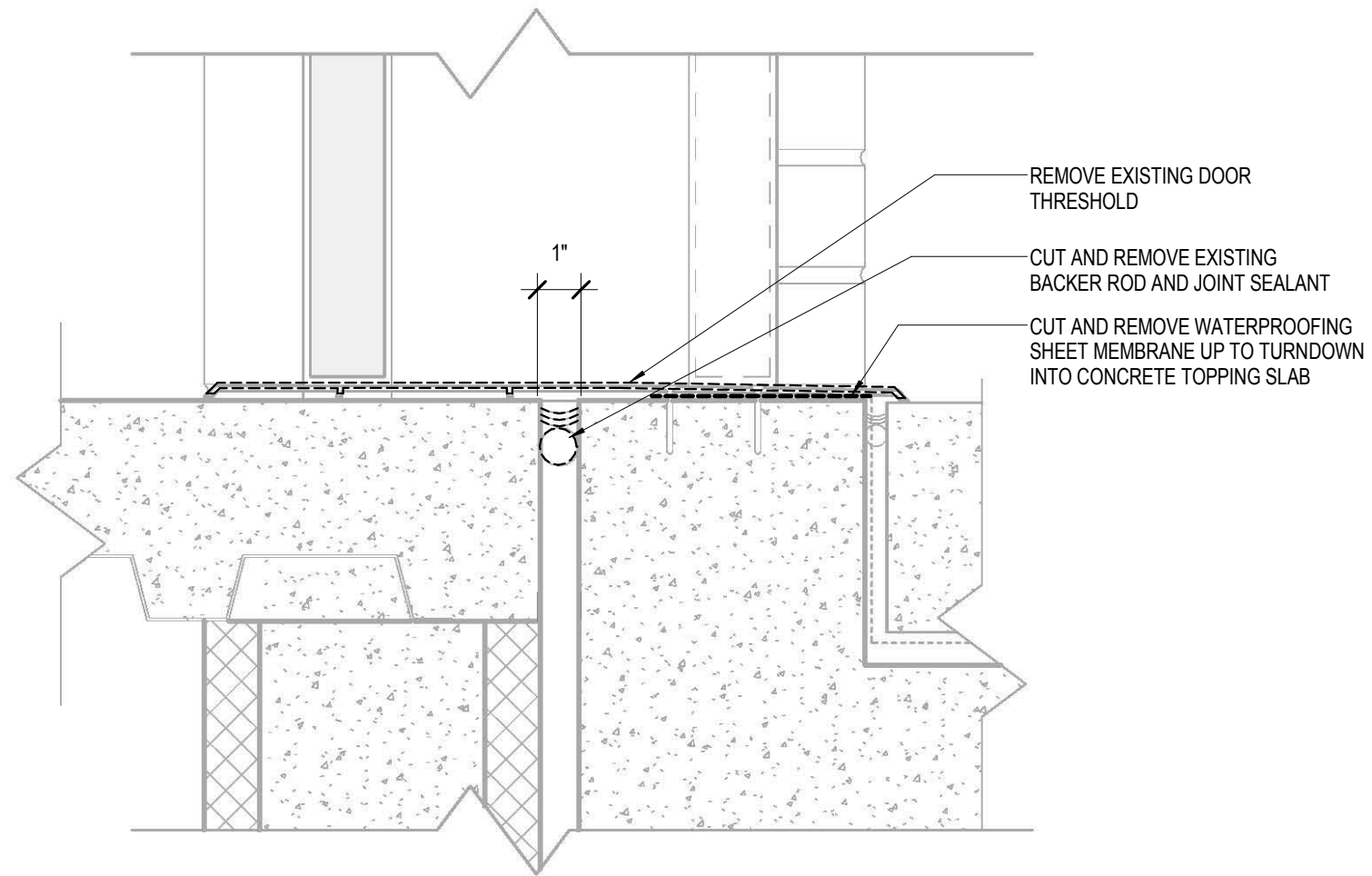


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SHEET NAME
 Exterior Section
 Details - Typical
 Wall Condition

SHEET NO.
A-331



1 TYPICAL DOOR SILL SECTION DETAIL - DEMO
 A-332 SCALE: 3" = 1'-0"

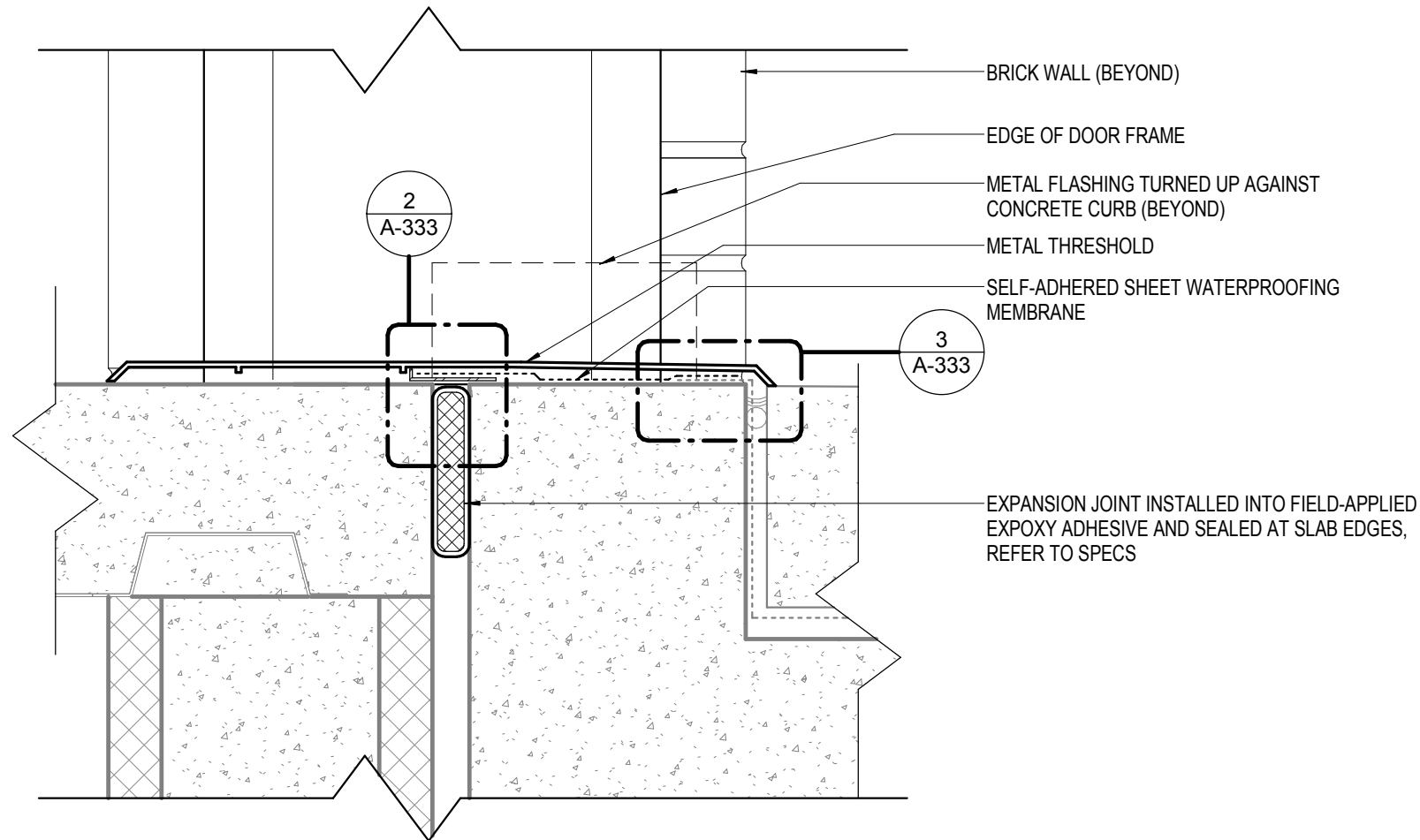


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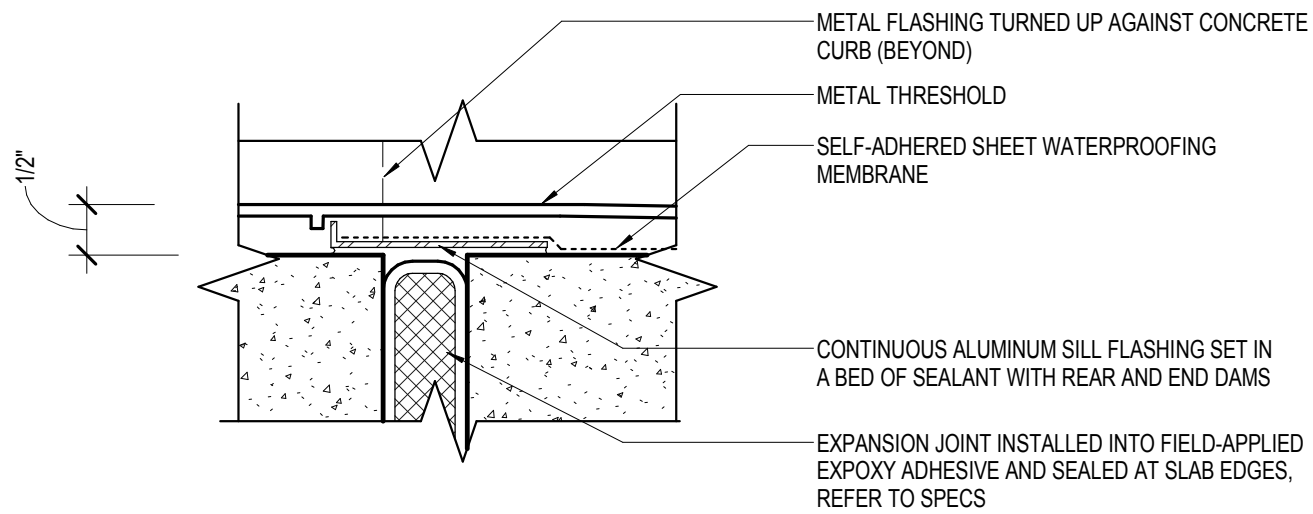
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SHEET NAME
 Exterior Section
 Details - Door Sill

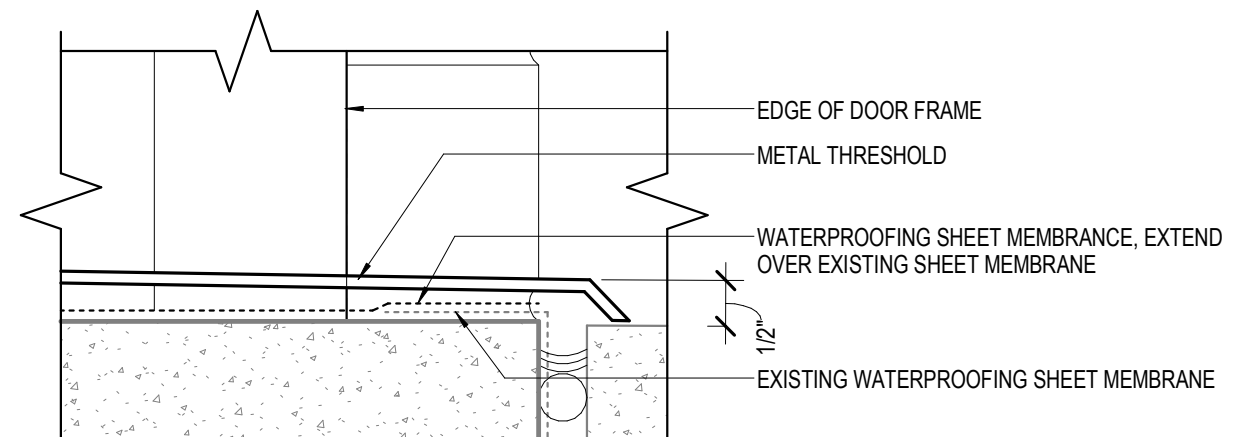
SHEET NO.
A-332



1 TYPICAL DOOR SILL SECTION DETAIL - REPAIR
A-333 SCALE: 3" = 1'-0"



2 ENLARGED DOOR SILL FLASHING DETAIL - INT. SIDE
A-333 SCALE: 6" = 1'-0"



3 ENLARGED DOOR SILL FLASHING DETAIL - EXT. SIDE
A-333 SCALE: 6" = 1'-0"



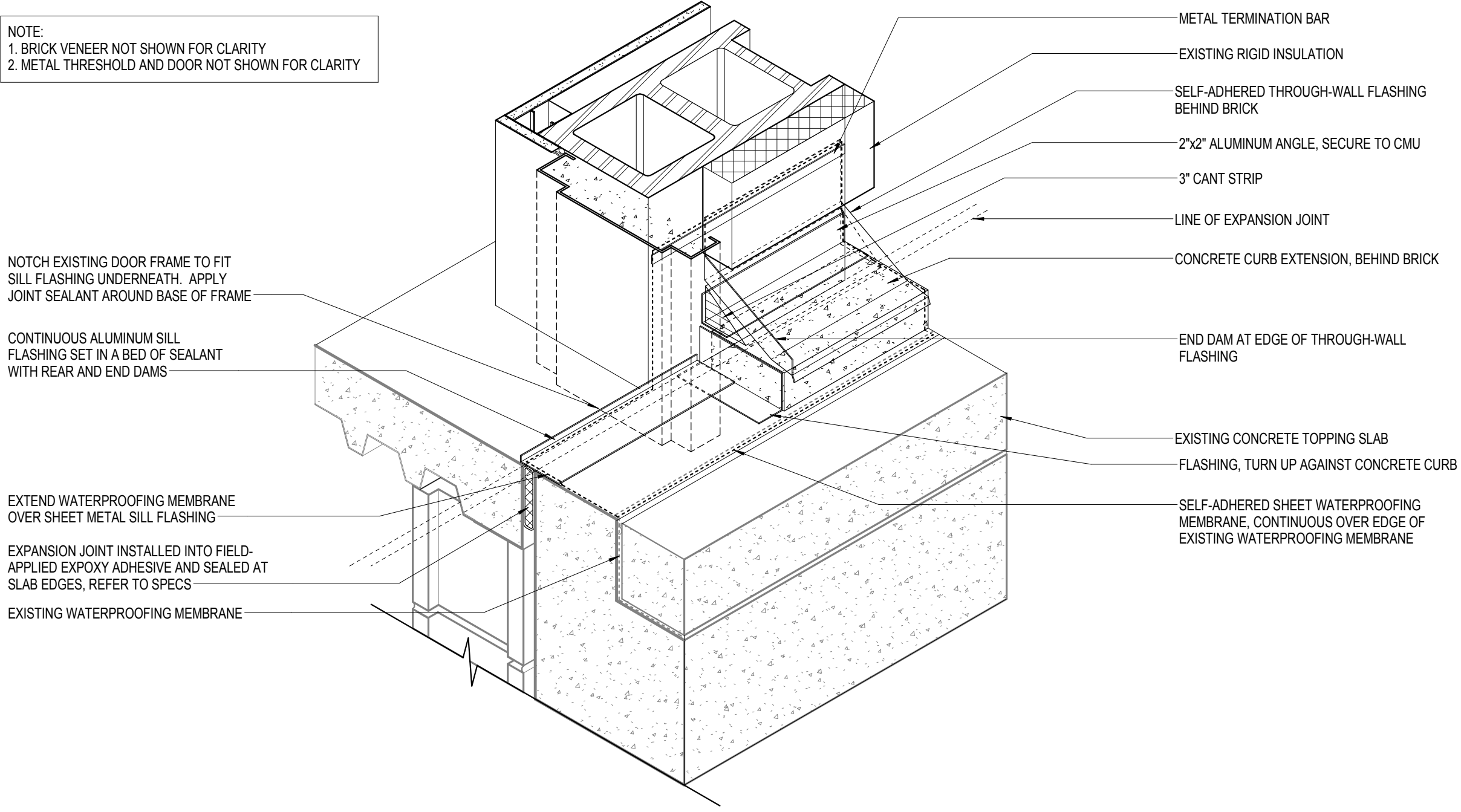
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SHEET NAME
Exterior Section
Details - Door Sill

SHEET NO.
A-333

NOTE:
 1. BRICK VENEER NOT SHOWN FOR CLARITY
 2. METAL THRESHOLD AND DOOR NOT SHOWN FOR CLARITY



NOTCH EXISTING DOOR FRAME TO FIT SILL FLASHING UNDERNEATH. APPLY JOINT SEALANT AROUND BASE OF FRAME

CONTINUOUS ALUMINUM SILL FLASHING SET IN A BED OF SEALANT WITH REAR AND END DAMS

EXTEND WATERPROOFING MEMBRANE OVER SHEET METAL SILL FLASHING

EXPANSION JOINT INSTALLED INTO FIELD- APPLIED EXPOXY ADHESIVE AND SEALED AT SLAB EDGES, REFER TO SPECS

EXISTING WATERPROOFING MEMBRANE

METAL TERMINATION BAR

EXISTING RIGID INSULATION

SELF-ADHERED THROUGH-WALL FLASHING BEHIND BRICK

2"x2" ALUMINUM ANGLE, SECURE TO CMU

3" CANT STRIP

LINE OF EXPANSION JOINT

CONCRETE CURB EXTENSION, BEHIND BRICK

END DAM AT EDGE OF THROUGH-WALL FLASHING

EXISTING CONCRETE TOPPING SLAB

FLASHING, TURN UP AGAINST CONCRETE CURB

SELF-ADHERED SHEET WATERPROOFING MEMBRANE, CONTINUOUS OVER EDGE OF EXISTING WATERPROOFING MEMBRANE

1 3D FLASHING DETAIL - DOOR JAMB
 A-334 SCALE: 1 1/2" = 1'-0"

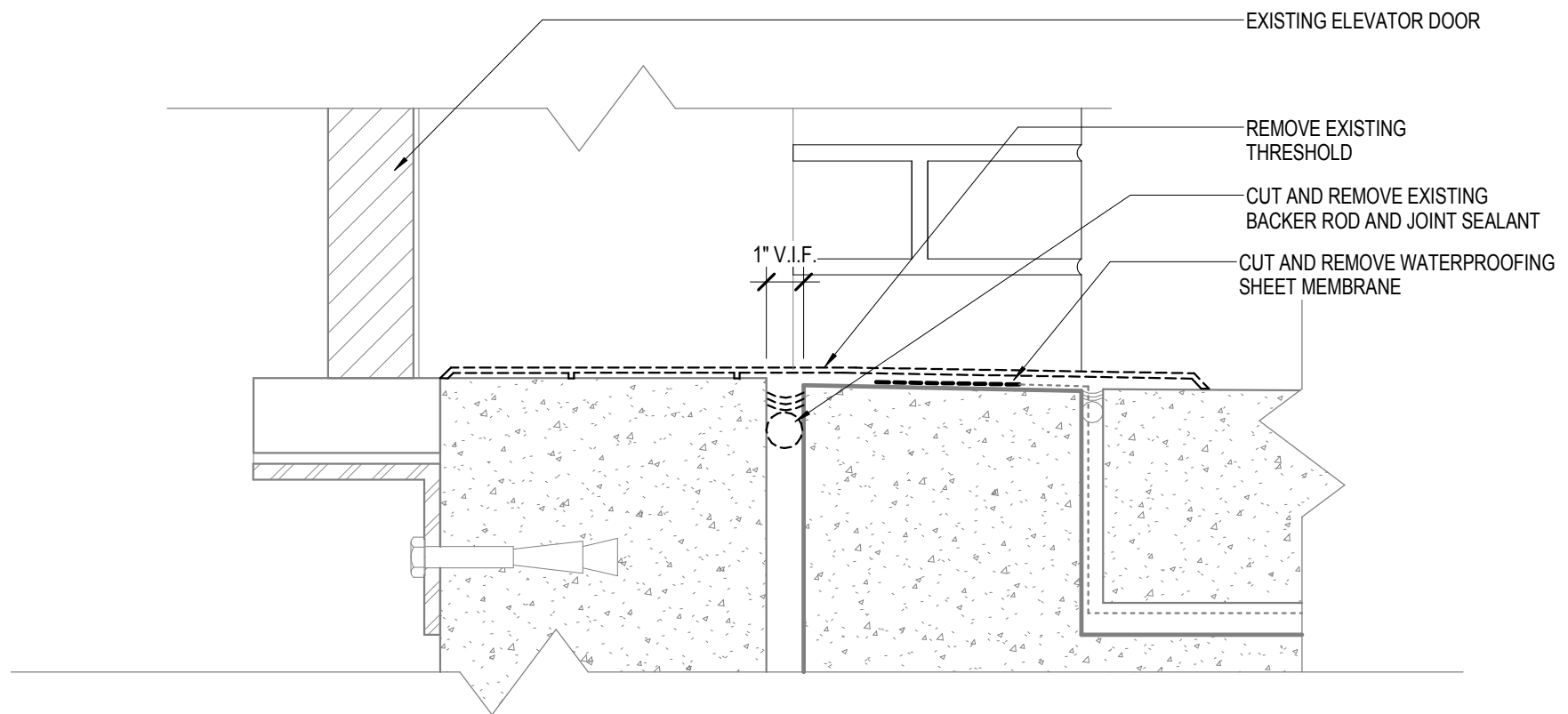


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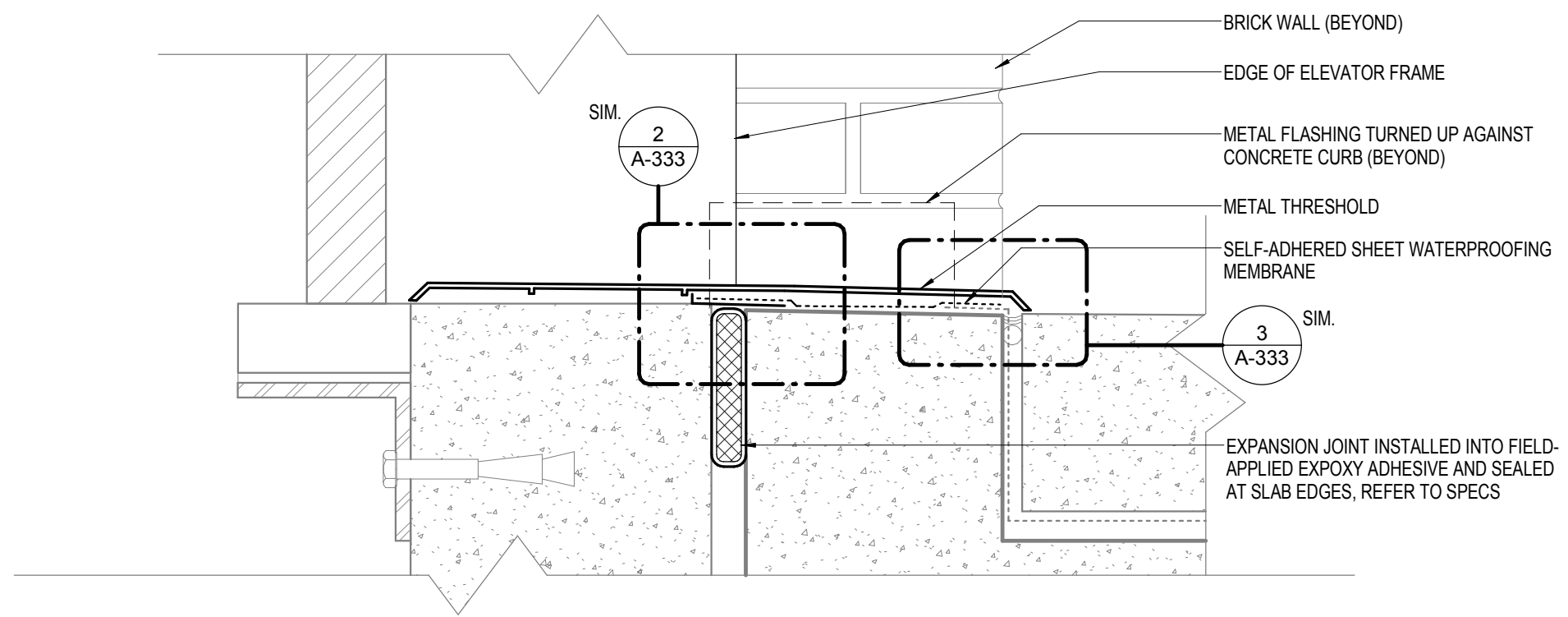
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SHEET NAME
 Exterior Section
 Details - Door Sill

SHEET NO.
 A-334



1 ELEVATOR SILL SECTION DETAIL - DEMO
A-335 SCALE: 3" = 1'-0"



2 ELEVATOR SILL SECTION DETAIL - REPAIR
A-335 SCALE: 3" = 1'-0"



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SHEET NAME
Exterior Section
Details - Elevator
Sill

SHEET NO.
A-335