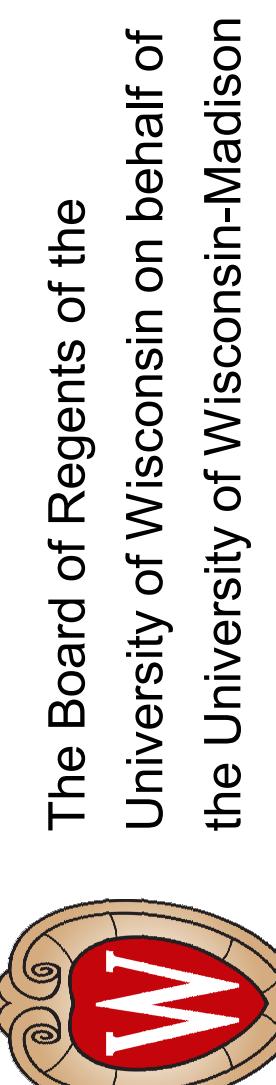


1 FLOOR PLAN-FIRST FLOOR-AREA A

GENERAL NOTES - FLOOR PLAN
1. SEE SHEET A100 FOR GENERAL FLOOR PLAN NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS	
138	4'x4' CONCRETE CURB FOR BUS DUCT- COORDINATE DIMENSIONS AND LOCATION WITH ELECTRICAL EQUIPMENT
AD-09	INTERIOR STEEL FRAME FLUSH ACCESS DOOR, 1 HOUR FIRE RATED
AF DR-01	ACCORDION WITH TOUCH PAD EGRESS
COL COVER-R3	28" DIAMETER GRPC COLUMN WRAP
COL COVER-R4	30" DIAMETER GRPC COLUMN WRAP
FPA-03	FALSE DETECTION ANCHOR - STANDARD HEIGHT WITH NO CABLE
GDR-01	PLYWOOD BALUSTRADE PANELS SUPPORTED BY VERTICAL STEEL POSTS, 10' HIGH, 10' DEEP, 10' COUNTERTOP IN LOCATIONS INDICATED IN HIGHLIGHTED AREA EXCEPT AT COUNTERTOP LOCATIONS
MCC-01	PREFINISHED METAL CONDUIT WRAP WITH STONE-01 BASE
OHCD-02	MOTORISED REEDING COOLING DOOR WITH SWINGING EGRESS DOOR ON MAGNETIC HOLD-OPEN

Graphic Scale	
0	2'
2'	4'
8'	12'
Sheet Number	A101A
Date Issued	09-16-2022
Set Type	BID SET
Volume Number	02
UW-MSN #	0215-2121
UWUSA #	A-21-007
Revisions:	
No.	Description
BD	09/16/22 Bid Drawings
1	10/24/22 Addendum No.3



Project: 220128.00
Location: UNIVERSITY AVENUE
MADISON, WI 53706

SCHOOL OF COMPUTER, DATA &
INFORMATION SCIENCES (CDIS) BUILDING
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WI

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Graphic Scale 0 2' 4' 8' 12'
UW-MSN # 0215-2121
UWUSA # A-21-007
Volume Number 02
Set Type BID SET
Date Issued 09-16-2022
Sheet Number A101A

MECHANICAL MEZZANINE FLOOR PLAN

The Board of Regents of the University of Wisconsin on behalf of the University of Wisconsin-Madison

T U TH

SCHOOL OF COMPUTER, DATA & INFORMATION SCIENCES (CDIS) BUILDING

Revisions:

1 FLOOR PLAN-FIRST FLOOR-AREA B

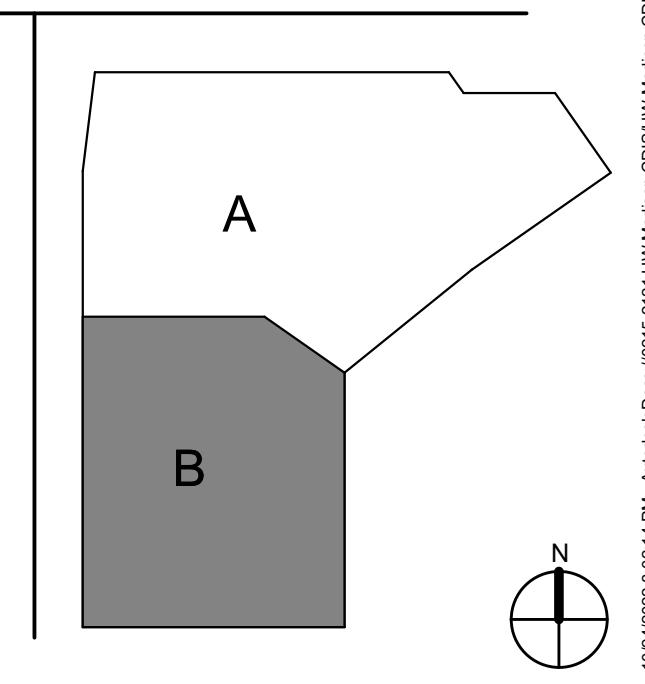
GENERAL NOTES - FLOOR PLAN

11. SEE SHEET 14 FOR GENERAL RECORDS IN NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS	
117	PROVIDE CHAIN AT OPEN END OF DOCK LIFT BETWEEN RAILINGS
119	TIP CART (BY OWNER)
120	WALL MOUNTED ADA ACTUATOR
122	EMBEDDED STEEL PLATE ROLL-OFF RAILS FOR WASTE CONTAINERS- COORDINATE EXACT LOCATION WITH UW MADISON WASTE AND RECYCLING DEPARTMENT
123	CONCRETE FILLED STEEL PIPE BOLLARD. SEE CIVIL DRAWINGS FOR BOLLARD DIMENSIONS, QUANTITY AND DETAILS.
124	PROVIDE VTC-01 AT CONCRETE SLAB TO EXTENT OF SLAB THAT IS OVER THE VIVARIUM STRUCTURE BELOW
125	CHAIN LINK FENCE AROUND AIRGAS TANK PAD. SEE CIVIL DRAWINGS FOR FENCE LAYOUT AND DETAILS.

KEYNOTES - ASSEMBLIES & COMPONENTS	
126	WALL-MOUNTED EMERGENCY EYEWASH OR EYE/FACE WASH STATION
135	PROVIDE LOOSE FILL INSULATION AT CMU CORE - FULL HEIGHT OF WALL
COL COVER-03	28" DIAMETER GFRC COLUMN WRAP
FEC-01	FULLY-RECESSED FIRE PROTECTION CABINET
GDR-04	PAINTED STEEL PIPE GUARDRAIL FOR LIMITED-ACCESS MECHANICAL SPACES
LOAD EQ-01	DOCK LEVELER
LOAD EQ-02	DOCK SEAL
LOAD EQ-03	DOCK BUMPER
LOAD EQ-04	TRASH COMPACTOR - 30 YARD (BY OWNER)
LOAD EQ-05	RECESSED SCISSOR DOCK LIFT
LOAD EQ-06	RECYCLING DUMPSTER - 20 YARD (BY OWNER)
MCC-01	PREFINISHED METAL COLUMN WRAP WITH STONE-01 BASE

KEYNOTES - ASSEMBLIES & COMPONENTS







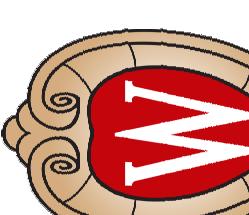
1 FLOOR PLAN-SEVENTH FLOOR-AREA B
A107B 1/8" = 1'-0"

GENERAL NOTES - FLOOR PLAN

1. SEE SHEET A100 FOR GENERAL FLOOR PLAN NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS	
120	WALL MOUNTED ADA ACTUATOR
AD-06	3'4" x 4'1/2" ACCESS DOOR IN UHPC SOFFIT ASSEMBLY
COL COVER-R	2'x2'x8' GRPC COLUMN WRAP
FEC-01	FULLY-ACCESSSED FIRE PROTECTION CABINET
GDR-05	ANGLED STAINLESS STEEL CABLE RAIL SYSTEM
OHFC-03	OVERHEAD FIRE CURTAIN-03 - SMOKE CURTAIN AT ELEVATOR ENTRANCES

The Board of Regents of the
University of Wisconsin on behalf of
the University of Wisconsin-Madison



Project: 1225 UNIVERSITY AVENUE
MADISON, WI 53706

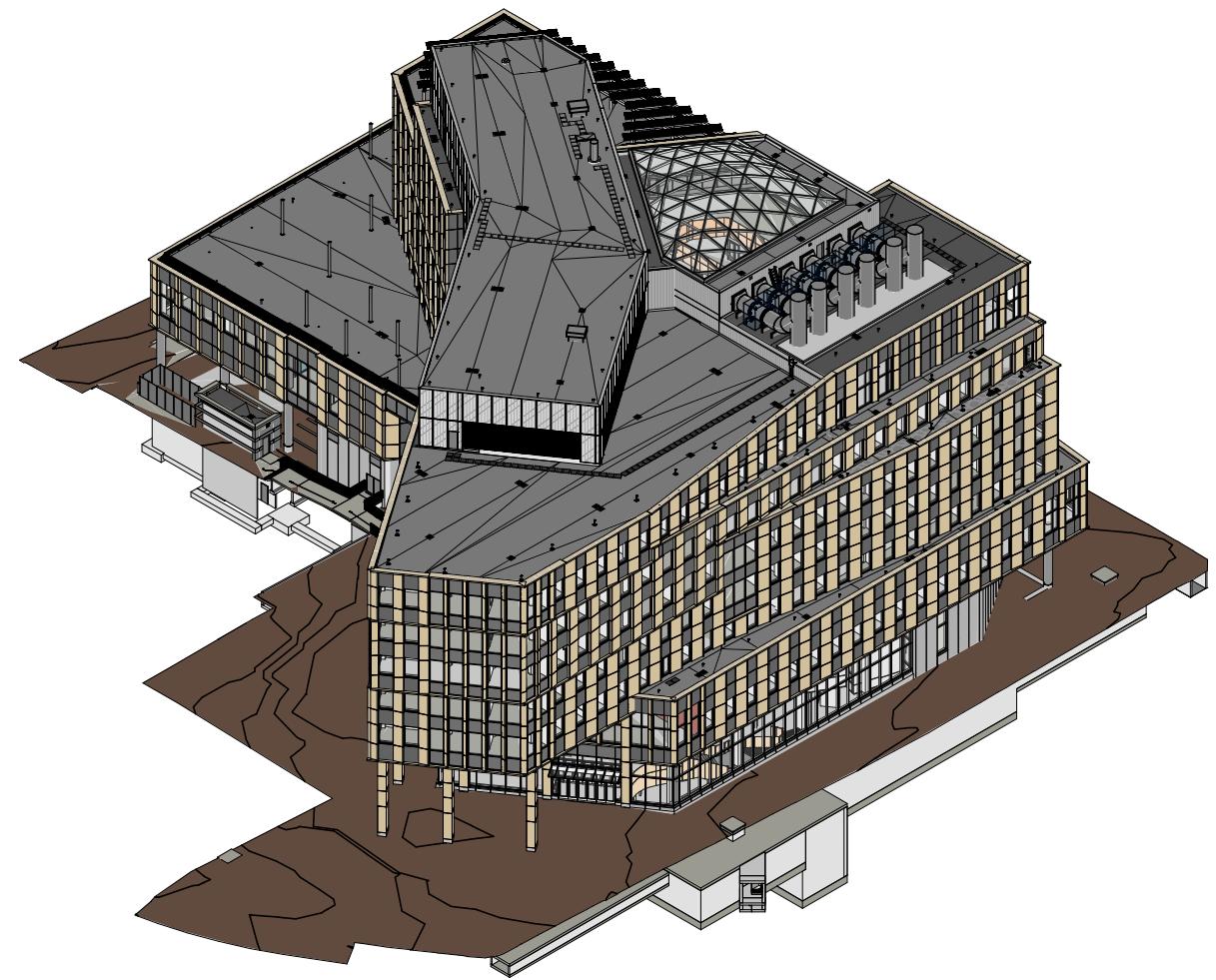
SCHOOL OF COMPUTER SCIENCES, DATA &
INFORMATION SCIENCES (CDIS) BUILDING
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WI
FLOOR PLAN-SEVENTH FLOOR-AREA B

Revisions:
No. Date Description
BD 09/16/22 Bid Drawings
1 10/03/22 Addendum No.1
2 10/13/22 Addendum No.2
3 10/24/22 Addendum No.3

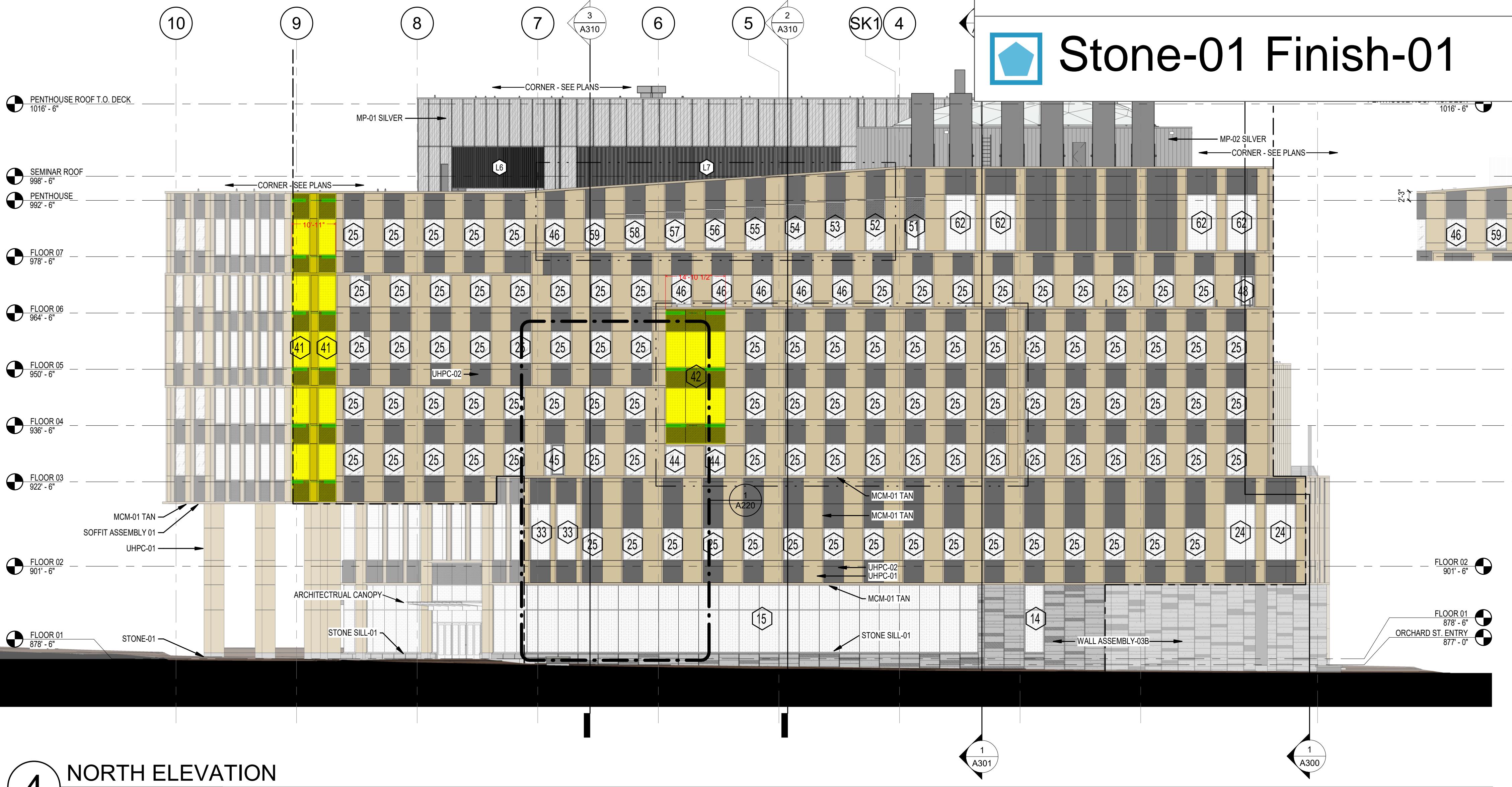
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Dwg# A107B Rev# 0215-2121
UW-MSH # 0215-2121
A-21-007
Volume # 02
Set Type BID SET
Date Issued 09-16-2022
Sheet Number A107B
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0215-2121-A-21-007-02
09-16-2022-A107B
A107B



MATERIAL LEGEND	
UHPC-01 - ULTRA HIGH PERFORMANCE CONCRETE PANEL - CUSTOM COLOR, FINISH, AGGREGATE, AND SEALER	GLASS TYPE EGL-01 - STANDARD VISION GLASS (BIRD FRIENDLY)
UHPC-02 - ULTRA HIGH PERFORMANCE CONCRETE PANEL - CUSTOM COLOR, FINISH, AGGREGATE, AND SEALER	GLASS TYPE EGL-02 - STANDARD VISION GLASS, TRIPLE PANED (BIRD FRIENDLY)
STONE-01 - GRANITE	GLASS TYPE EGL-03 - LOW IRON VISION GLASS (BIRD FRIENDLY)
MCM-01 - METAL COMPOSITE MATERIAL WALL PANEL	MCM-01 - METAL COMPOSITE MATERIAL WALL PANEL
MP-01 - FORMED METAL WALL PANELS	GLASS TYPE EGL-04 - LOW IRON VISION GLASS (BIRD FRIENDLY)
MP-02 - FORMED METAL WALL PANELS	GLASS TYPE EGL-05 - STANDARD SPANDREL GLASS (BIRD FRIENDLY)
METAL TRIM AND ROOF EDGES (SEE DETAILS FOR MORE INFO)	GLASS TYPE EGL-06 - LAMINATED W/FRT (CANOPY GLASS)
CMU-02 - BURNISHED CONCRETE MASONRY UNIT	



5 NORTHEAST AT ENTRY
A210 1/16" = 1'-0"



Quirk miter LF @ panels 78.95 LF

Round column base 46.40 SF

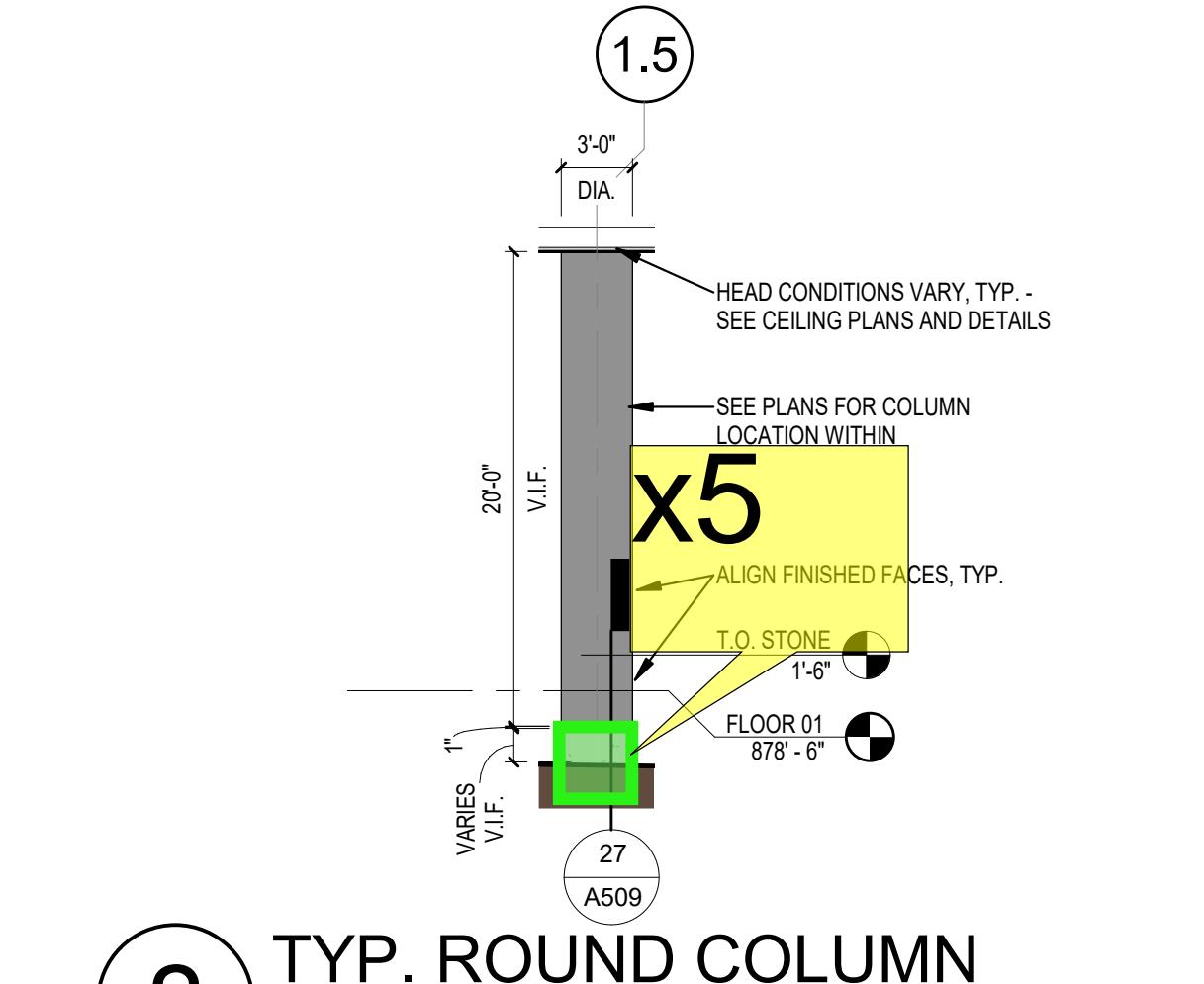
Stone-01 Finish-01 256.73 SF

4 NORTH ELEVATION
A210 1/16" = 1'-0"

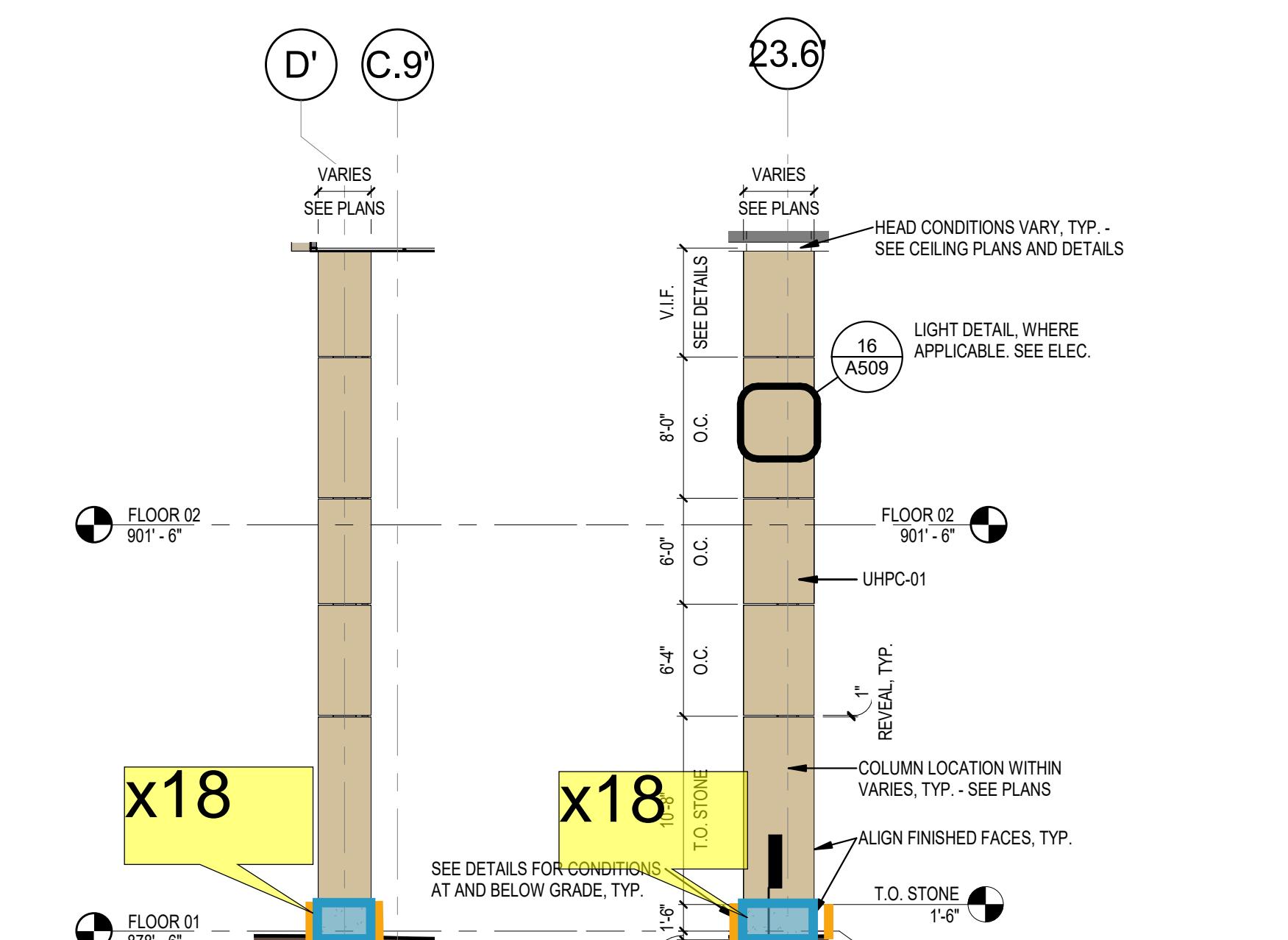
KEYNOTES - ASSEMBLIES & COMPONENTS	
MCM-01 TAN	METAL COMPOSITE MATERIAL WALL PANELS, COLOR TAN
MP-01 SILVER	FORMED METAL WALL PANELS
MP-02 SILVER	FORMED METAL WALL PANELS
SOFFIT ASSEMBLY-V01	COLD-CLAD METAL SOFFIT SYSTEM, EXTERIOR OYSPUM SHEATHING, AIR BARRIER, MINERAL WOOL INSULATION AND UHPC SYSTEM. SEE ASSEMBLY ON SHEET A201
STONE SILL-01	STONE SILL WITH ANCHOR AT HEAD JOINTS AND 1/2" RAKED AND SEALED JOINTS - SEALANT TO MATCH SILL
STONE-01	STONE-01 - GRANITE
UHPC-01	ULTRA HIGH PERFORMANCE CONCRETE PANEL 1
UHPC-02	ULTRA HIGH PERFORMANCE CONCRETE PANEL 2
WALL ASSEMBLY-03B	10" CMU BLOCK, AIR BARRIER, MINERAL WOOL INSULATION, 2 3/8" AIR SPACE AND STONE VENEER

GENERAL NOTES - EXTERIOR ELEVATIONS
1. ALL METAL SURFACES EXPOSED TO VIEW (INCLUDING TRELLIS, STEEL LINTELS, PIPING, AND CONDUIT) SHALL BE PAINTED TYP. SEE DETAILS.
2. DOOR AND WINDOW FRAMES SHALL BE PAINTED TYP.
3. CONTROL JOINTS IN STONE BACKUP SHALL BE OFFSET FROM MOVEMENT JOINTS IN STONE VENEER. CONTROL JOINTS IN CMU BACKUP SHALL BE SPACED 20'-0" MAX.
4. PROTECT MOVEMENT JOINTS AT INSIDE CORNERS OF STONE WITH BACKER ROD AND SEALANT.
5. SEE WINDOW ELEVATIONS FOR FULL EXTENT OF WINDOWS. WINDOW TYPE ELEVATIONS AND GLASS TYPES.
6. MECHANICAL PENETRATIONS ARE GENERAL REPRESENTATIONS. SEE LOUVER ELEVATIONS FOR LOUVER TYPES. SEE MEP DRAWINGS FOR PENETRATION LOCATIONS.
7. SITE, LANDSCAPE, AND ADJACENT BUILDING ELEMENTS NOT SHOWN FOR CLARITY, TYP. SEE CIVIL AND LANDSCAPE DRAWINGS FOR MORE INFO.
8. SEE MOCK UP SHEETS FOR ADDITIONAL INFO.
9. SEE PREPARED METAL TRIM WITHIN AND BEHIND JOINTS OF UHPC PANEL SYSTEM AT ALL LOCATIONS WITH OPEN JOINTS. GRADE AND/OR FLOOR LEVEL UP TO 10'-0" ABOVE FINISHED WALK SURFACE MIN. TYPICAL END TRIM AT HORIZONTAL JOINTS, PAINT TRIM BLACK. SEE DETAILS FOR MORE INFO.

10. THESE SHEETS CONTAIN INFORMATION DEPICTED IN COLOR AND SHOULD BE VIEWED AND/OR PRINTED IN FULL COLOR, TYP.

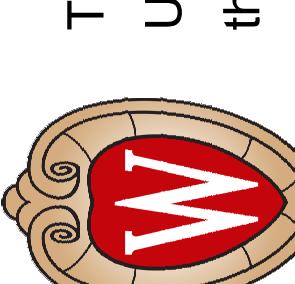



2 TYP. ROUND COLUMN
A210 1/8" = 1'-0"



3 TYP. UHPC PILASTER
A210 1/8" = 1'-0"

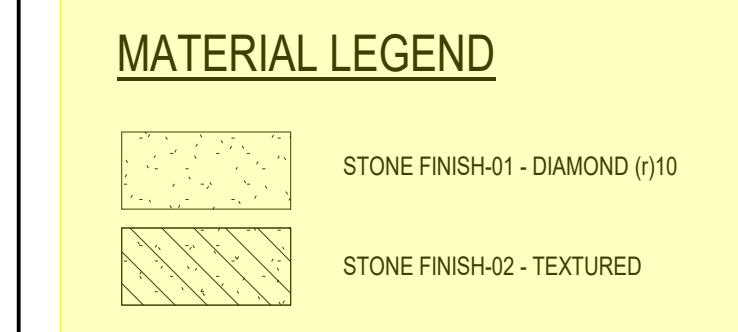
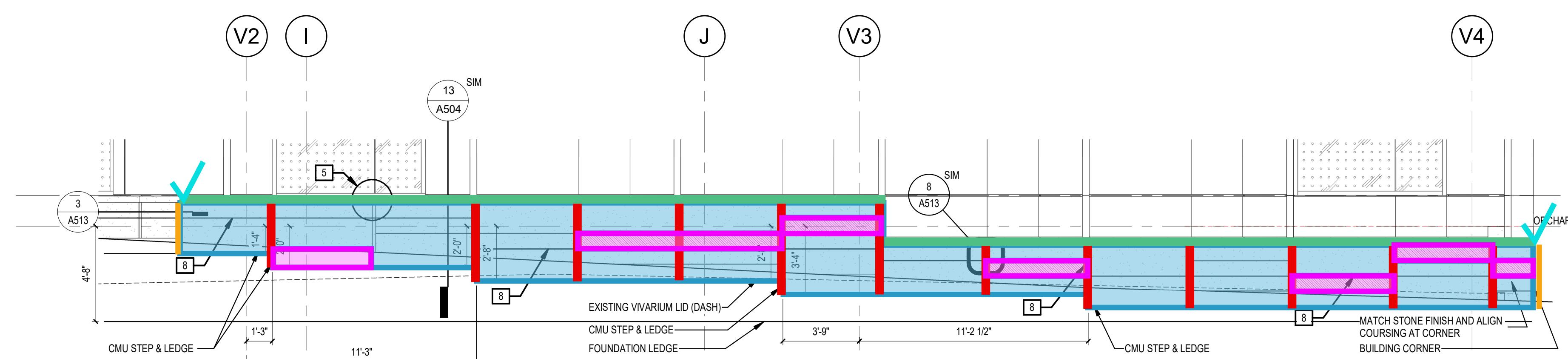
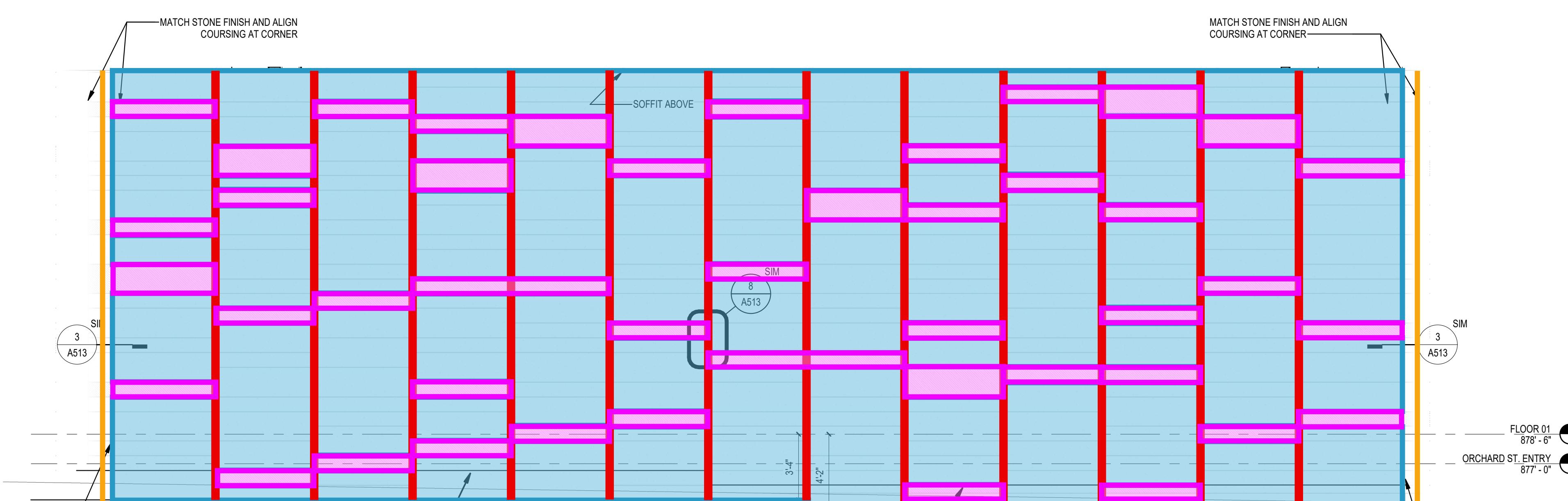
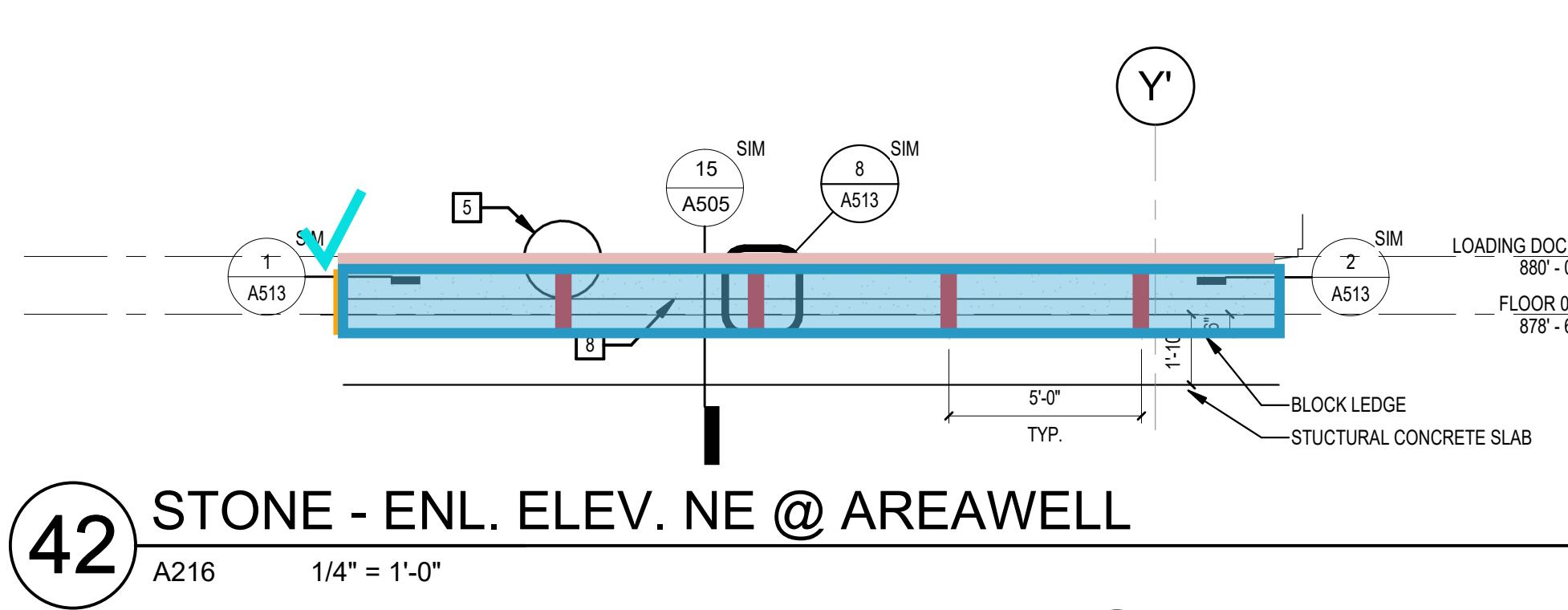
1 TYP. UHPC PILASTER
A210 1/8" = 1'-0"







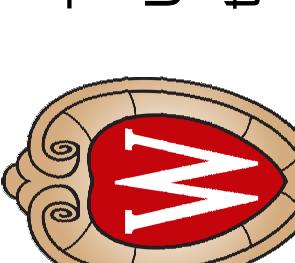
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2. Bid Drawings	
3. Addendum No.1	
4. User Notes	
5. 215-2121	
6. 5-21-007	
7. 03	
8. BID SET	
9. 09-16-2022	
A216	



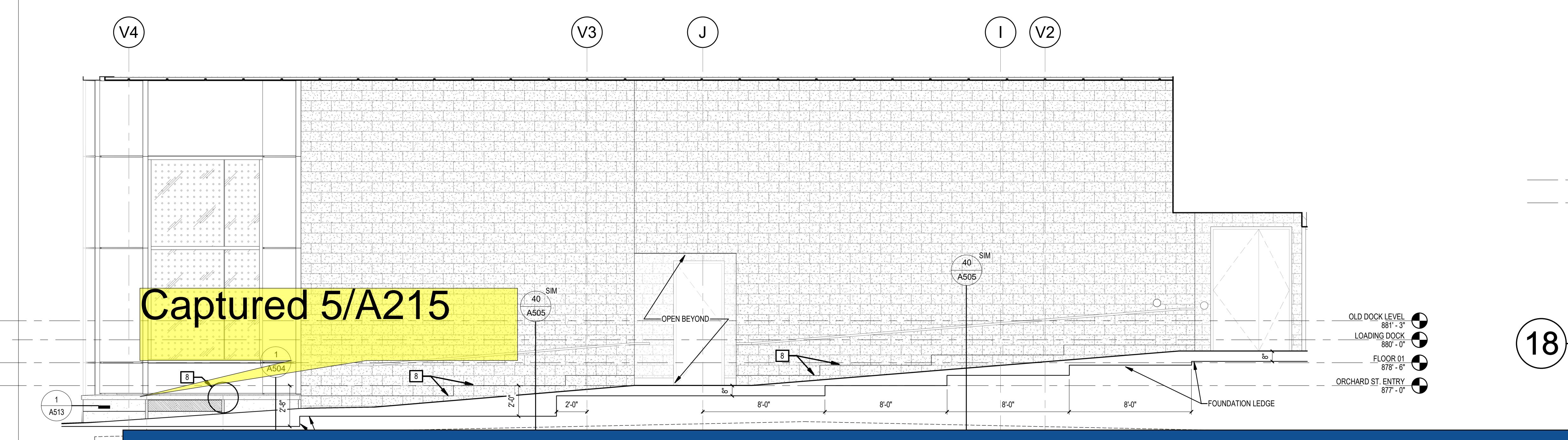
8.5" Granite sill LF	105.15 LF
13" Granite sill LF	38.29 LF
17" Granite sill LF	150.72 LF
Quirk miter LF @ panels	246.34 LF
Rustication LF	785.93 LF
Sill quirk miter cuts	11 EA
Stone-01 Finish-01	3,446.60 SF
Stone-01 Finish-02	595.86 SF

GENERAL NOTES - GRANITE STONE

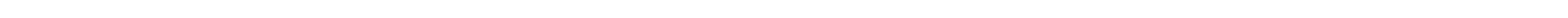
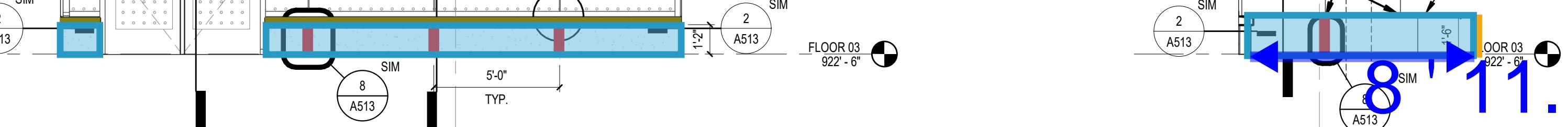
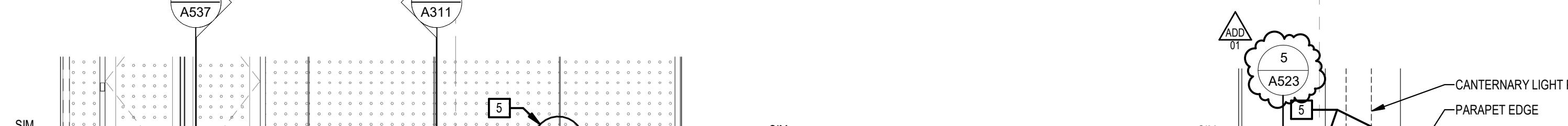
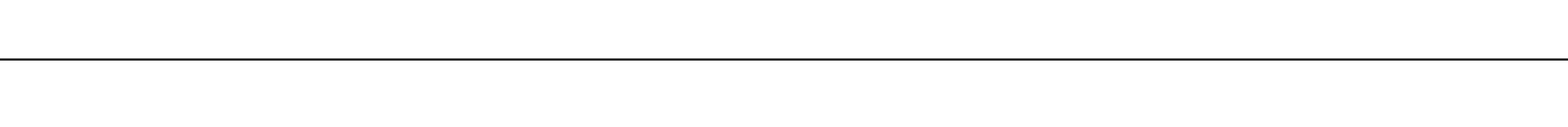
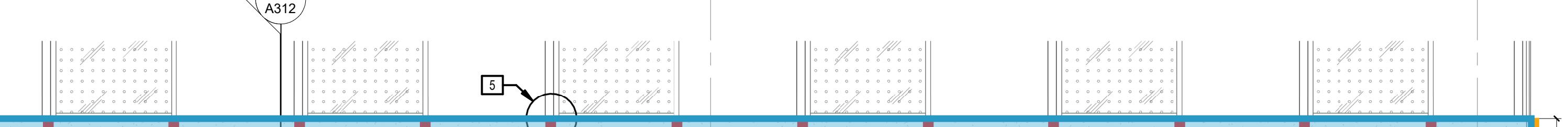
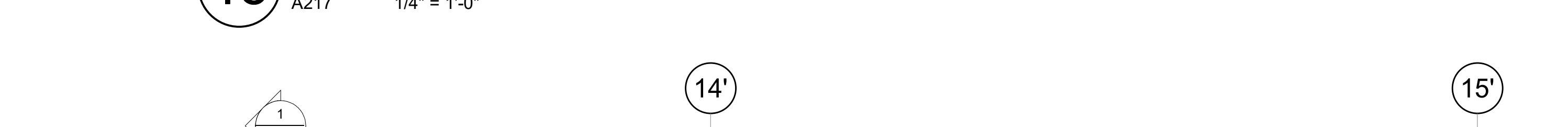
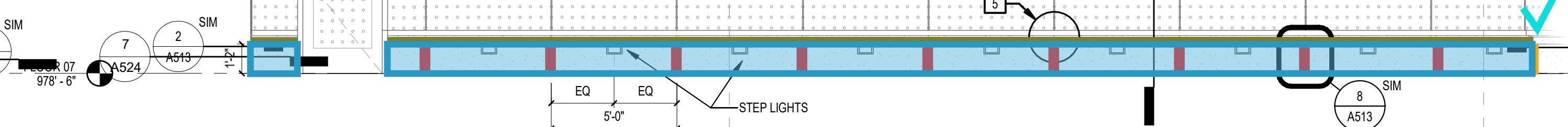
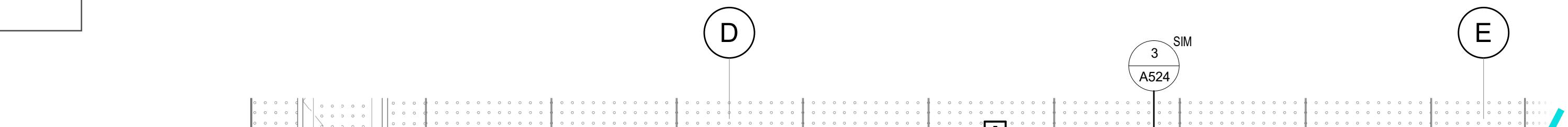
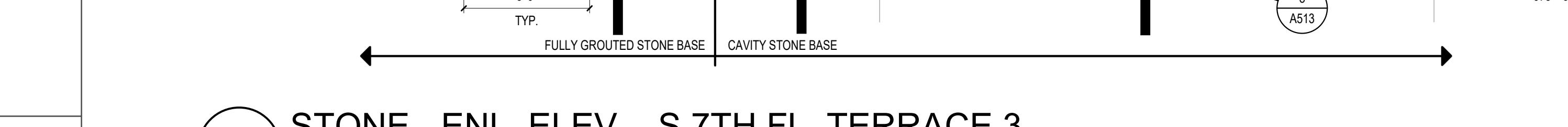
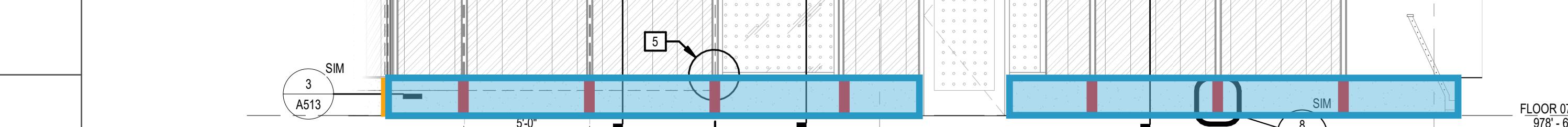
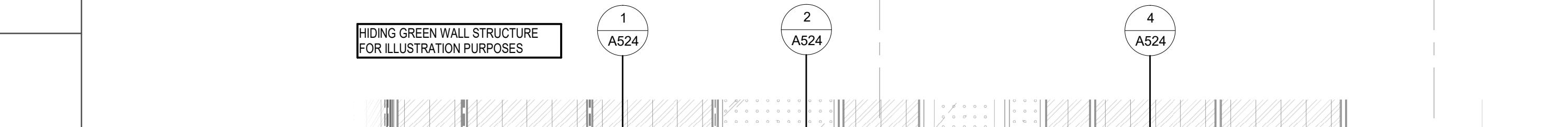
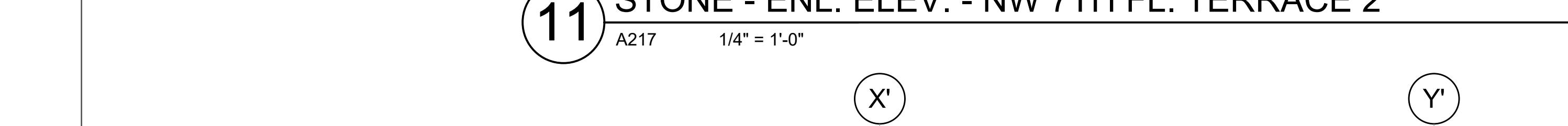
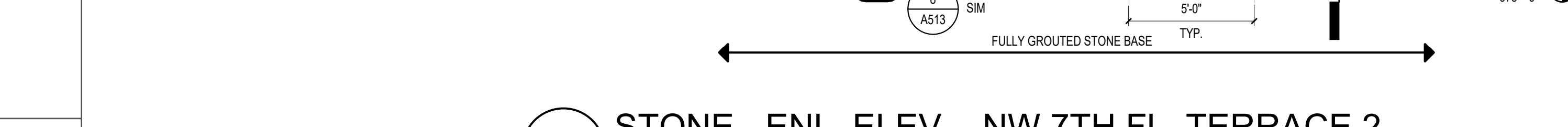
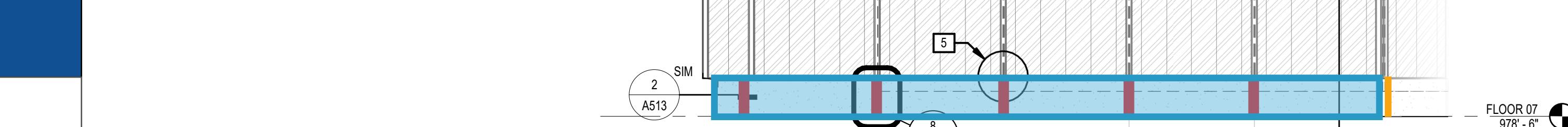
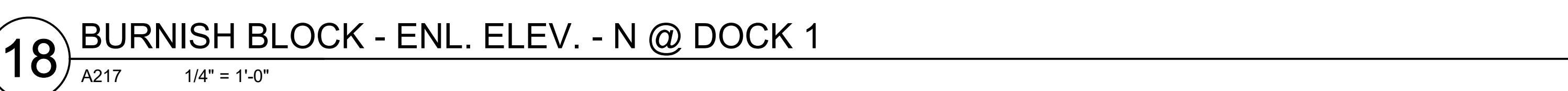
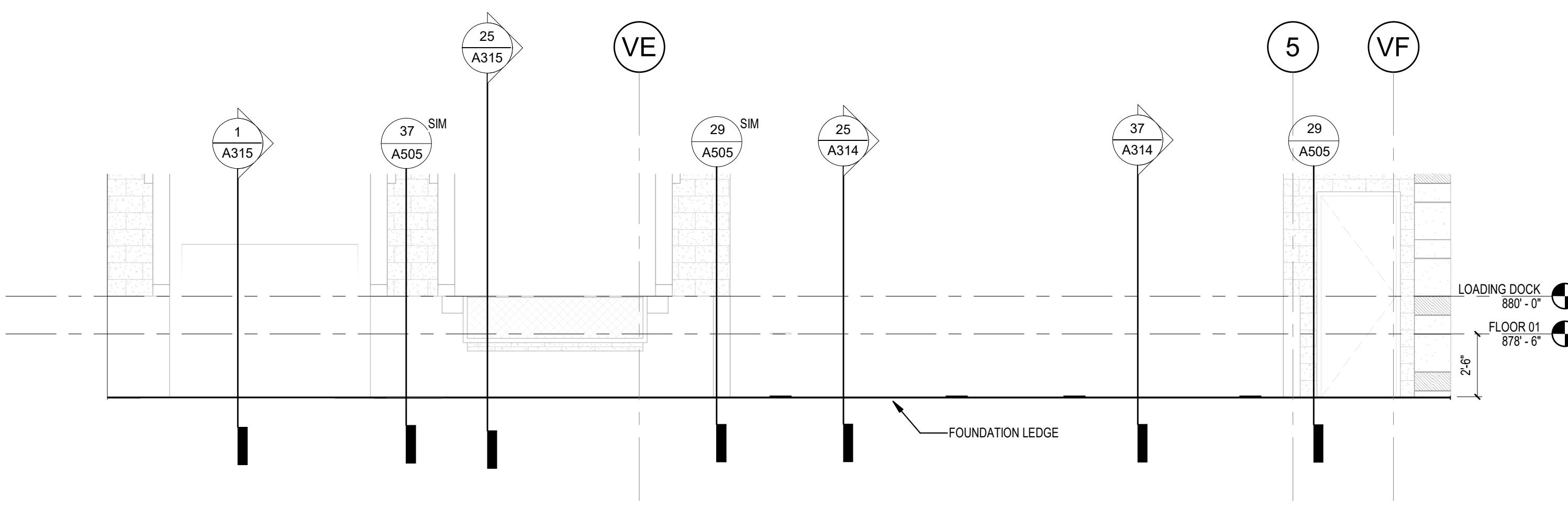
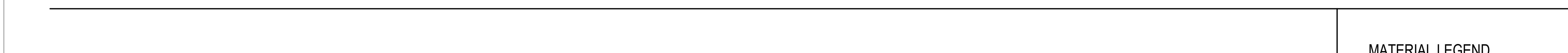
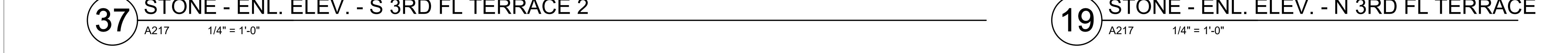
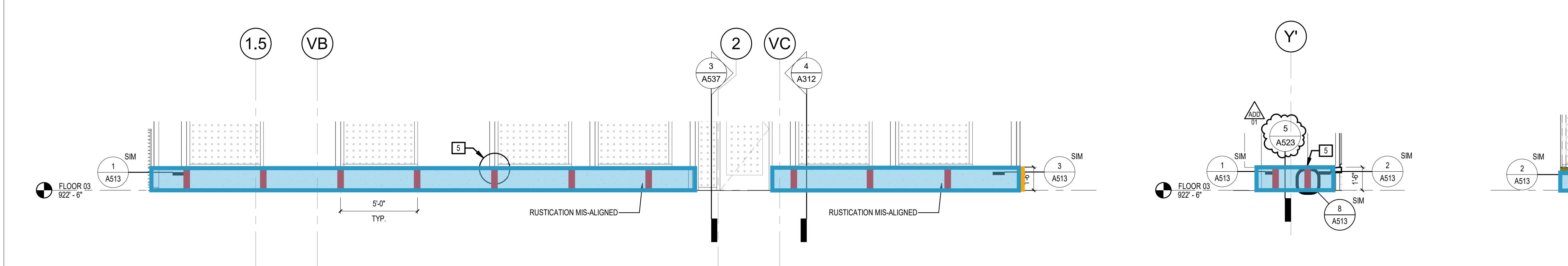
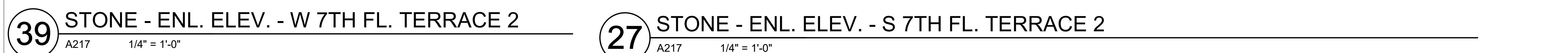
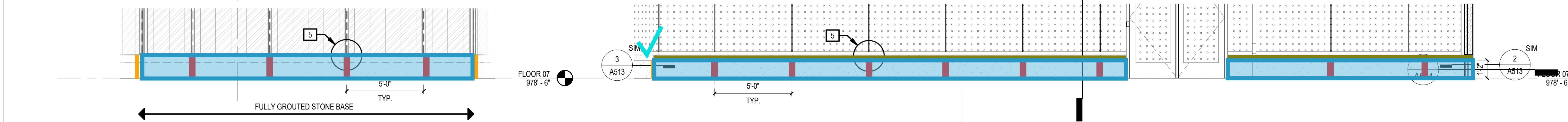
- 3/8" HORIZONTAL JOINTS BETWEEN STONE PIECES. TYP.
- VERTICAL REVEAL RUSTICATION SEE DETAILS FOR MORE INFORMATION
- COORDINATE PATTERNING AND PIECE SIZE WITH MULLIONS, EDGES, AND CORNERS - SEE WALL SECTIONS, ELEVATIONS, AND DETAILS
- DO NOT USE QUARTZITE OR MARBLE FOR RUSTICATION - SEE WALL SECTIONS, ELEVATIONS, AND DETAILS
- CENTER VERTICAL JOINTS IN STONE SILLS ON CENTERLINE OF WINDOW MULLIONS OR ARCH REVEAL. TYP. STONE JOINT SHALL OCCUR AT EACH VERTICAL MULLION
- COORDINATE PATTERNING AND PIECE SIZE IN FIELD. NOTIFY ARCHITECT OF ANY DISCREPANCIES
- ROW PATTERNS VERY IN VERTICAL STACKS SEE ELEVATIONS
- FLASHING LINE ABOVE GRADE ELEVATION VARIES
- SHORTEST DIMENSION OF ALL FIELD REVERSED STONES TO BE 4" MIN. (NOM.). VERIFY WITH QUARRY
- SEE STRUCTURAL FOR CONTROL JOINTS IN BACKUP WALL SYSTEMS

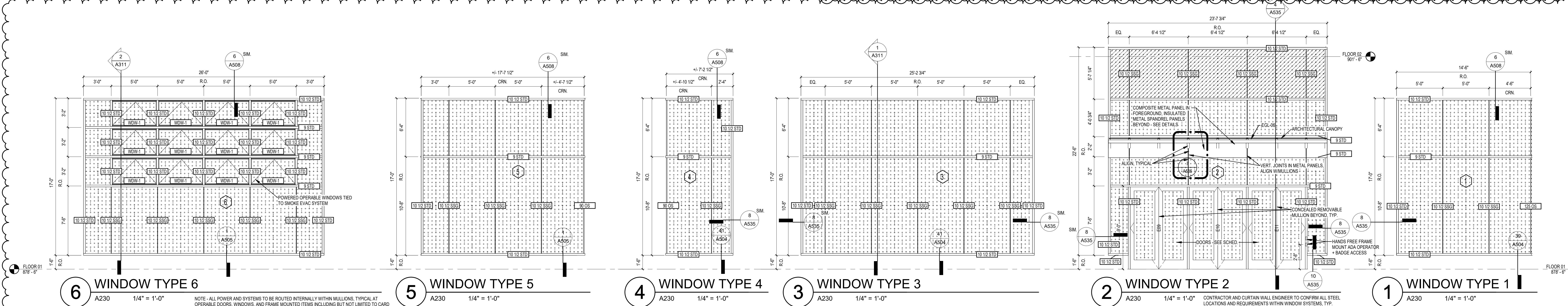
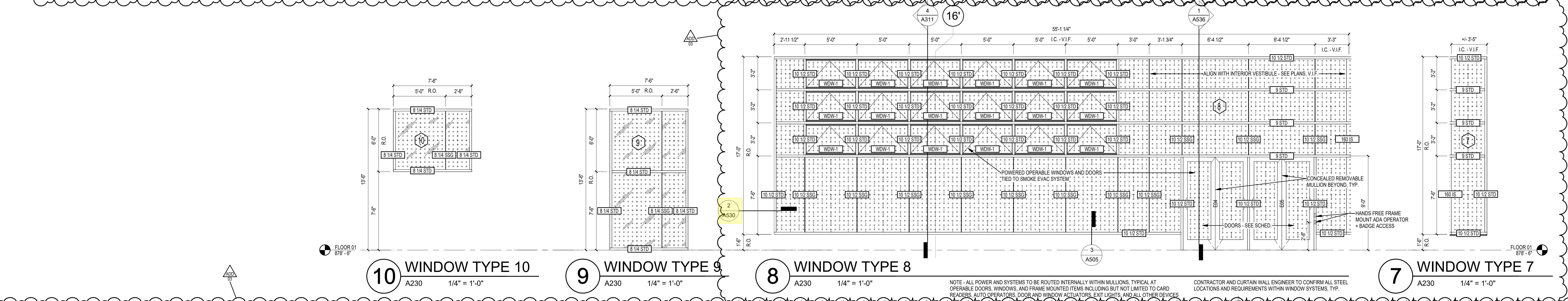
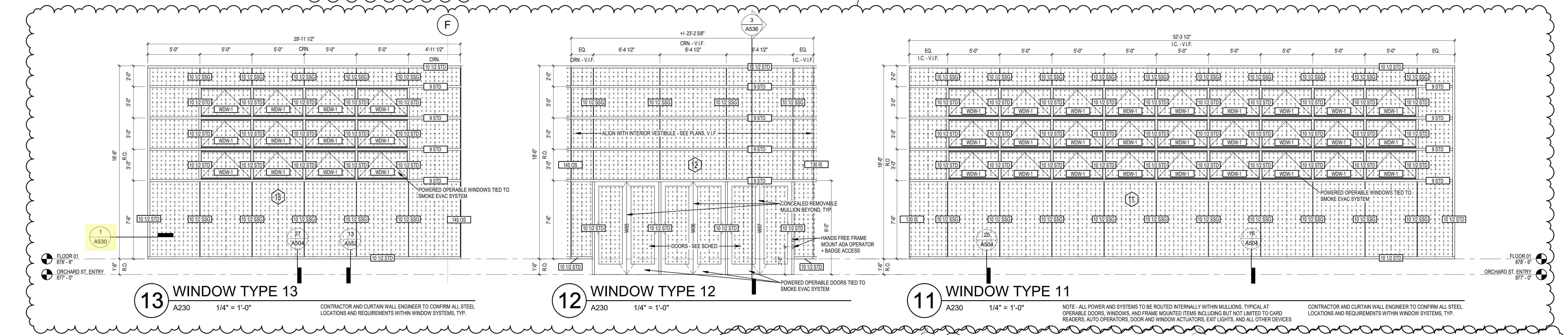
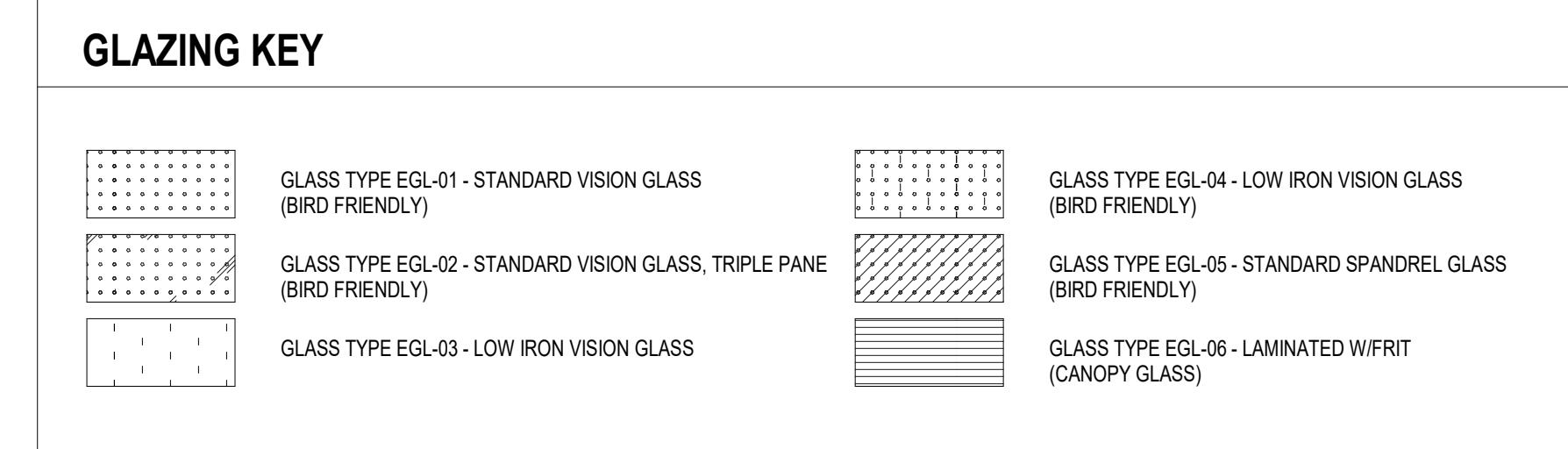
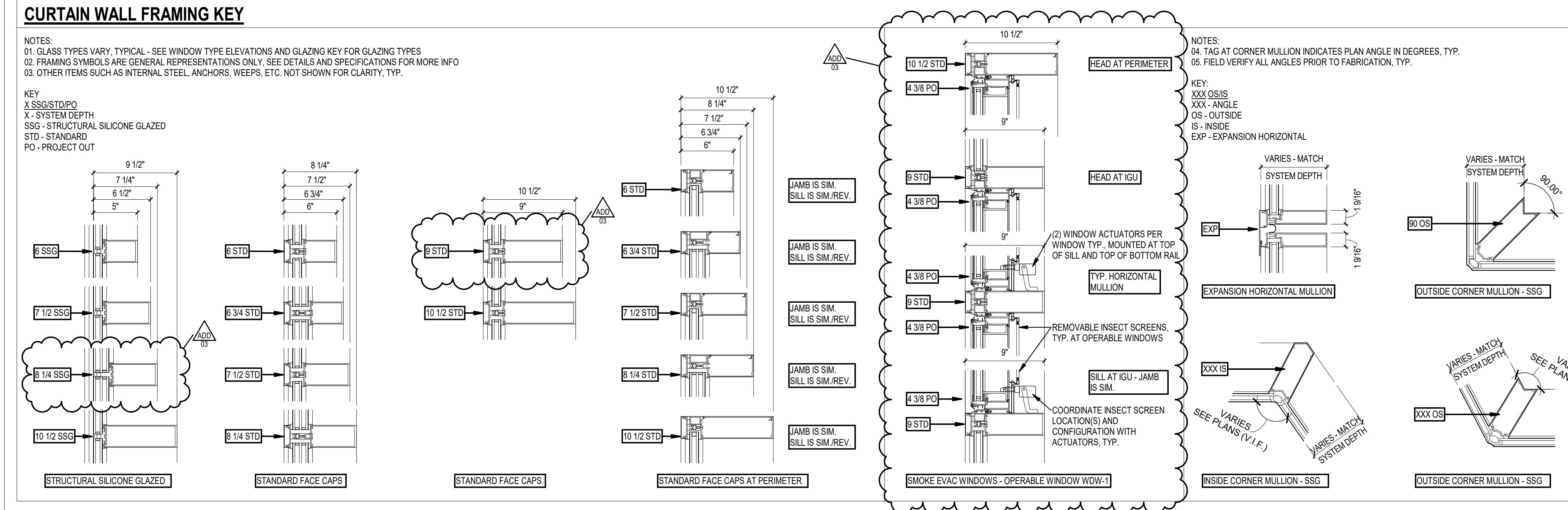


No.	Description
BD	09/16/22 Bid Drawings
1	10/03/22 Addendum No.1



41 BUR A217	8" Granite sill LF	112.24 LF
	Quirk miter LF @ panels	15.16 LF
	Rustication LF	99.57 LF
	Sill quirk miter cuts	2 EA
40 BUR A217	Stone-01 Finish-01	528.37 SF

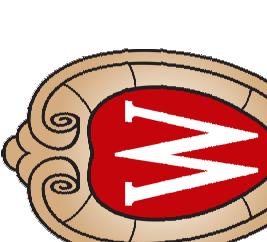




GENERAL NOTES - GLAZING ELEVATIONS

1. ALL DIMENSIONS ARE TO OPENING (R.O.). INSIDE CORNER (I.C.), OUTSIDE CORNER (CRN), CENTER OF MULLION, FACE OF MULLION, FACE OF GLAZING, OR FACE OF COVER TYP.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION - NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK. CONTRACTOR TO ACCOUNT FOR BLOCKING AND SHIMS. TYP.
3. ALL GLAZING IS TO BE INSTALLED IN THE WALL TYP. UNLESS NOTED OTHERWISE. SEE FRAMING KEY AND SPECIFICATIONS FOR MORE INFO.
4. SEE REFERENCE PLANS AND BUILDING ELEVATIONS FOR EXTENT OF WINDOWS WHERE SPLIT ON THESE SHEETS.
5. SEE DOOR SHEET(S) FOR ADDITIONAL INFORMATION ON DOORS ELEVATED ON THESE SHEETS.
6. SEE GLAZING ELEVATION FOR GLAZING LOCATIONS AND DETAILS NOT SHOWN ON THESE SHEETS.
7. ALL CURTAIN WALL SYSTEMS DELEGATED DESIGN - STEEL INTERNAL STEEL, AND ANCHORAGE REQUIRED AT LOCATIONS. CONTRACTOR AND CURTAIN WALL ENGINEER TO CONFIRM ALL STEEL REQUIREMENTS AND LOCATIONS. TYPICAL - NOTE - BACKUP STEEL AND STEEL SUPPORTS ALSO REQUIRED AT ALL ARCHITECTURAL CANOPIES. TYPICAL - SEE ELOWS.
8. NOTE - WHERE SPANDREL GLASS IS USED, MINERAL WOOL AND BACK PANS SHALL BE PROVIDED TYPICAL UNLESS DRAWN OR NOTED OTHERWISE - CONTINUOUS FROM MULLION TO MULLION. SEE DETAILS FOR ADDITIONAL INFO.
9. NOTE - ALL POWER AND SYSTEMS TO BE ROUTED INTERNALLY WITHIN MULLIONS TYPICAL AT OPERABLE DOORS, WINDOWS, AND FRAME MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO CARD READERS, AUTO OPERATORS, DOOR AND WINDOW ACTUATORS, EXIT LIGHTS, AND ALL OTHER DEVICES. GC TO COORDINATE ALL SYSTEMS AND SEQUENCING.
10. NOTE - ALL POWER AND SYSTEMS TO BE ROUTED INTERNALLY WITHIN MULLIONS TYPICAL AT OPERABLE DOORS, WINDOWS, AND FRAME MOUNTED ITEMS INCLUDING BUT NOT LIMITED TO CARD READERS, AUTO OPERATORS, DOOR AND WINDOW ACTUATORS, EXIT LIGHTS, AND ALL OTHER DEVICES. GC TO COORDINATE ALL SYSTEMS AND SEQUENCING.
11. REMOVABLE INSECT SCREENS TO BE PROVIDED AT ALL OPERABLE WINDOWS. TYPICAL. COORDINATE WITH WINDOW ACTUATOR MFR.
12. SEE SPECIFICATIONS FOR ADDITIONAL INFO ON GLAZING TYPES.

The Board of Regents of the
University of Wisconsin on behalf of
the University of Wisconsin-Madison

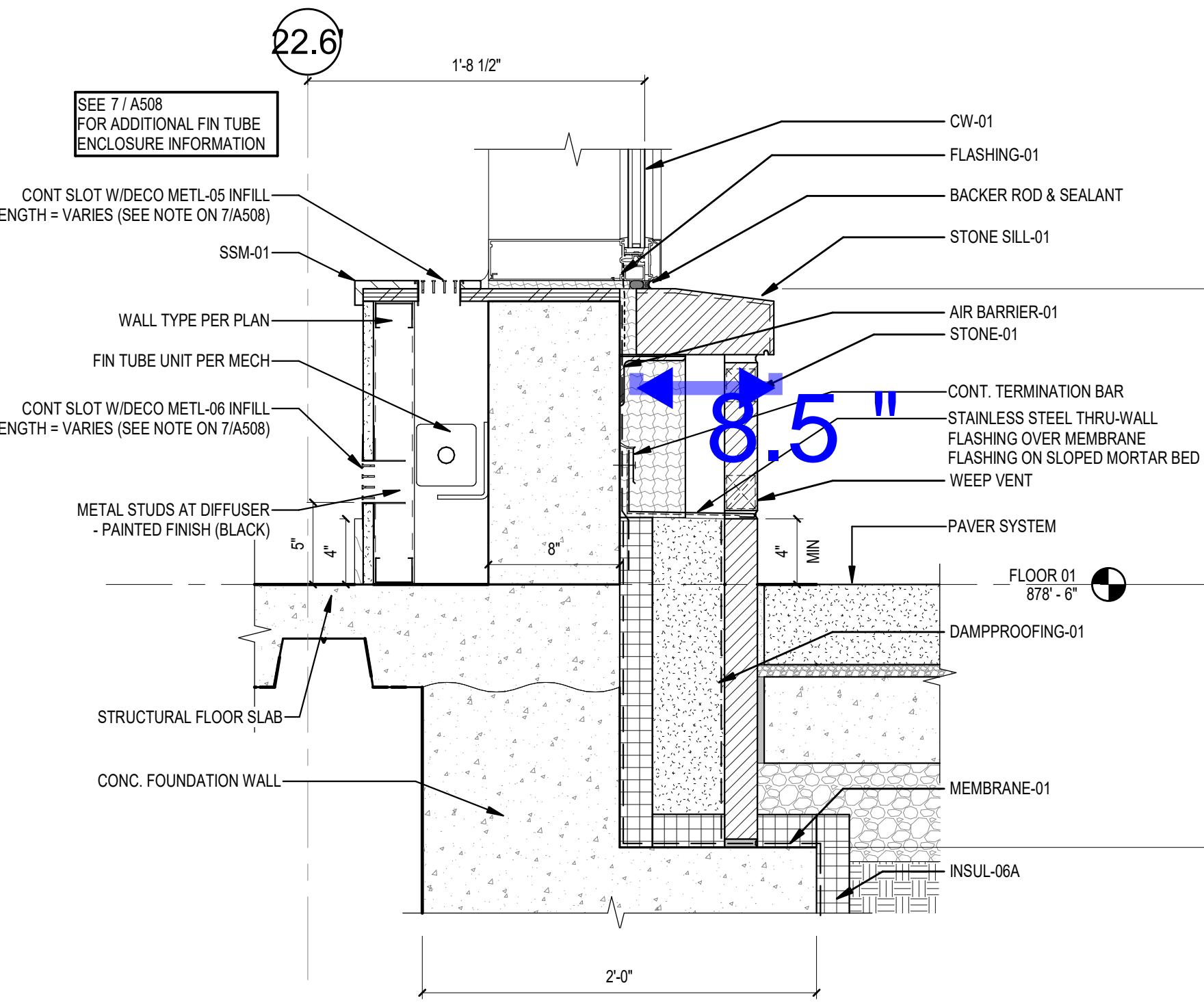


Project: UNIVERSITY AVENUE
Location: UNIVERSITY AVENUE
Madison, WI 53706

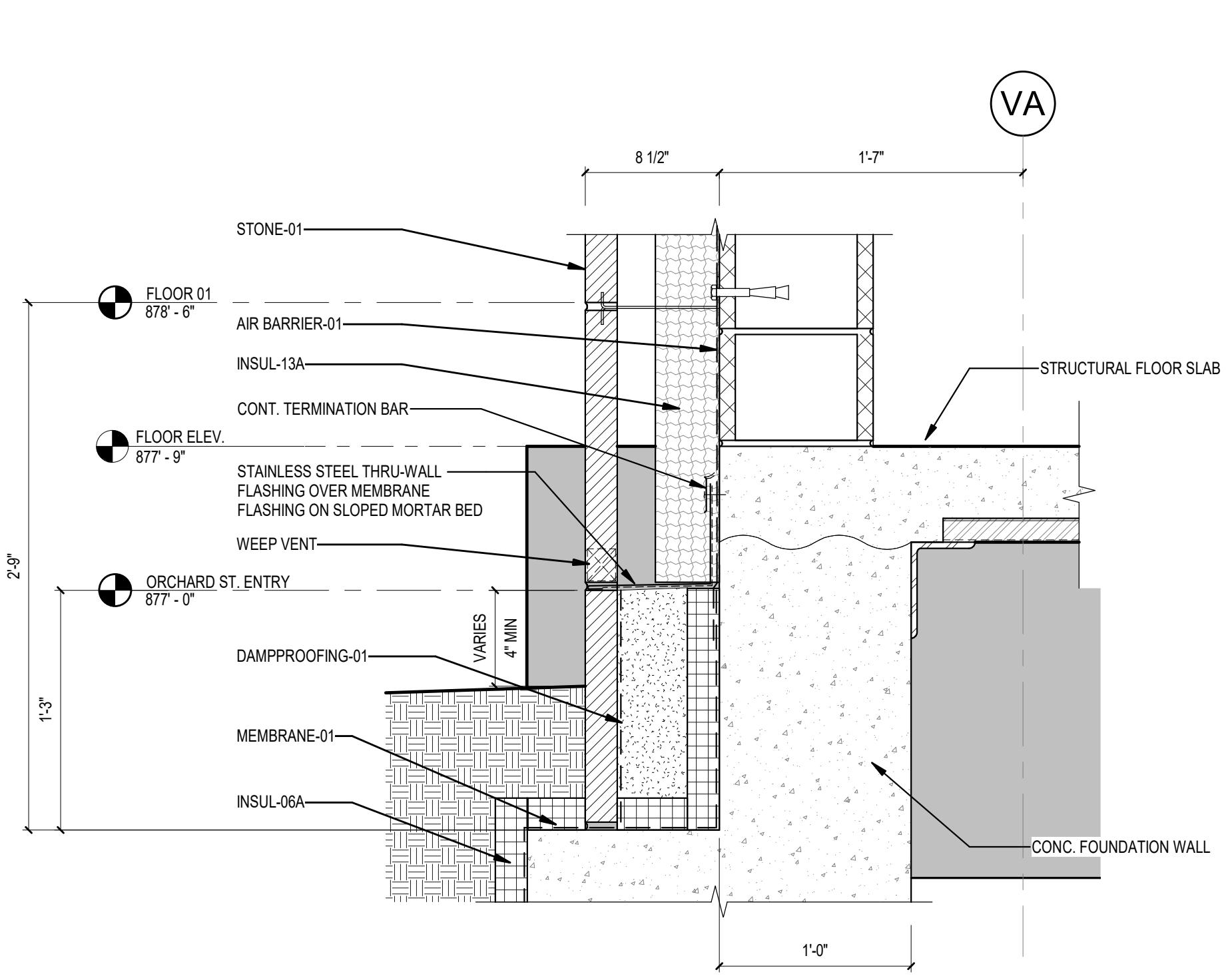
SCHOOL OF COMPUTER, DATA &
INFORMATION SCIENCES (CDIS) BUILDING
UNIVERSITY OF WISCONSIN - MADISON
UNIVERSITY AVENUE
WINDOW ELEVATIONS

Revisions	Date	Description
1	09/16/22	Bit Drawings
2	10/03/22	Addendum No.1

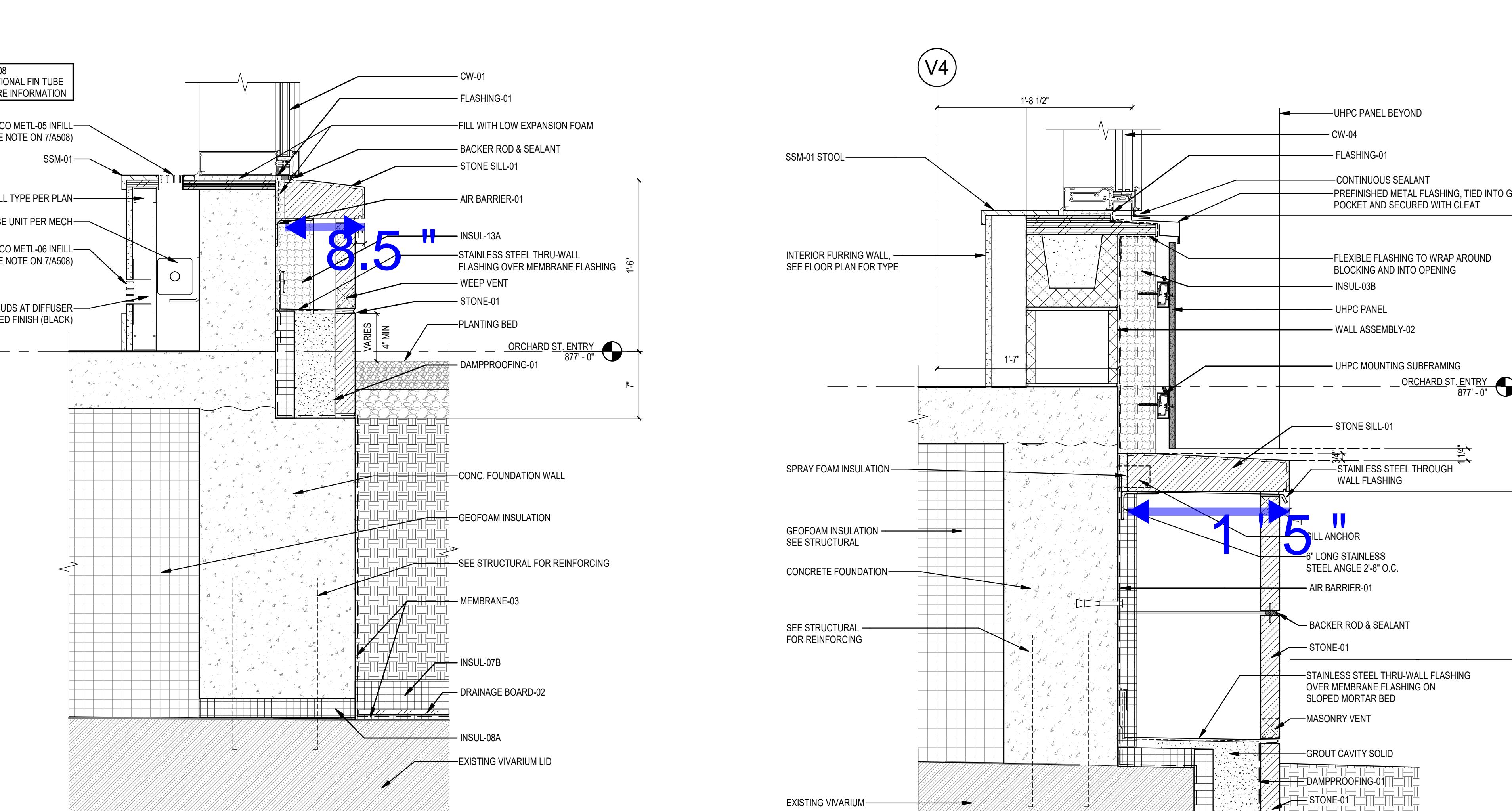
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UDW-SMS #	0215-2121				
UVSA #	A-21-007				
Volume Number	03				
Set Type	BID SET				
Date Issued	09-16-2022				
Sheet Number	A230				



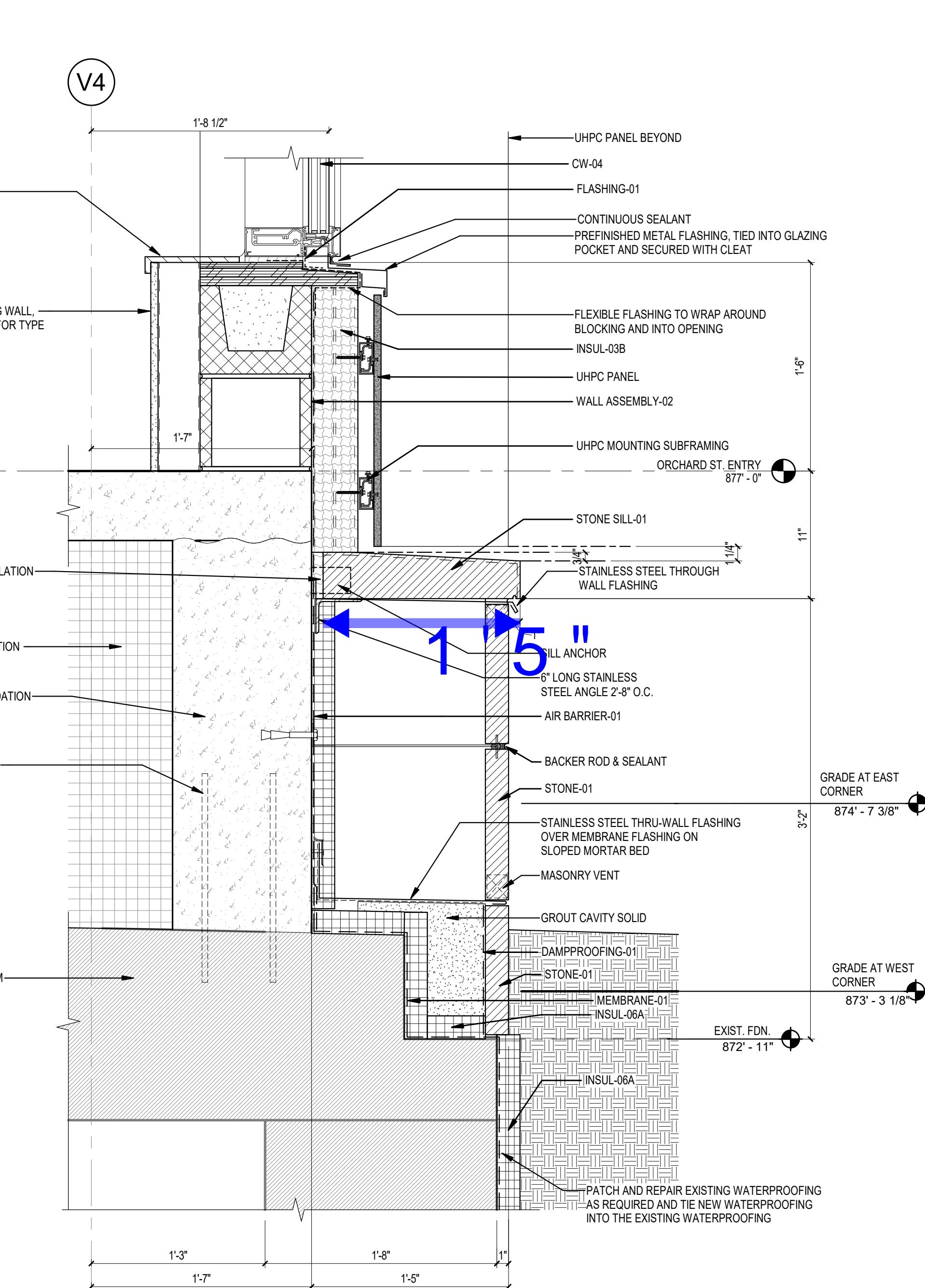
41 WALL BASE - CW - NE
A504 1 1/2" = 1'-0"



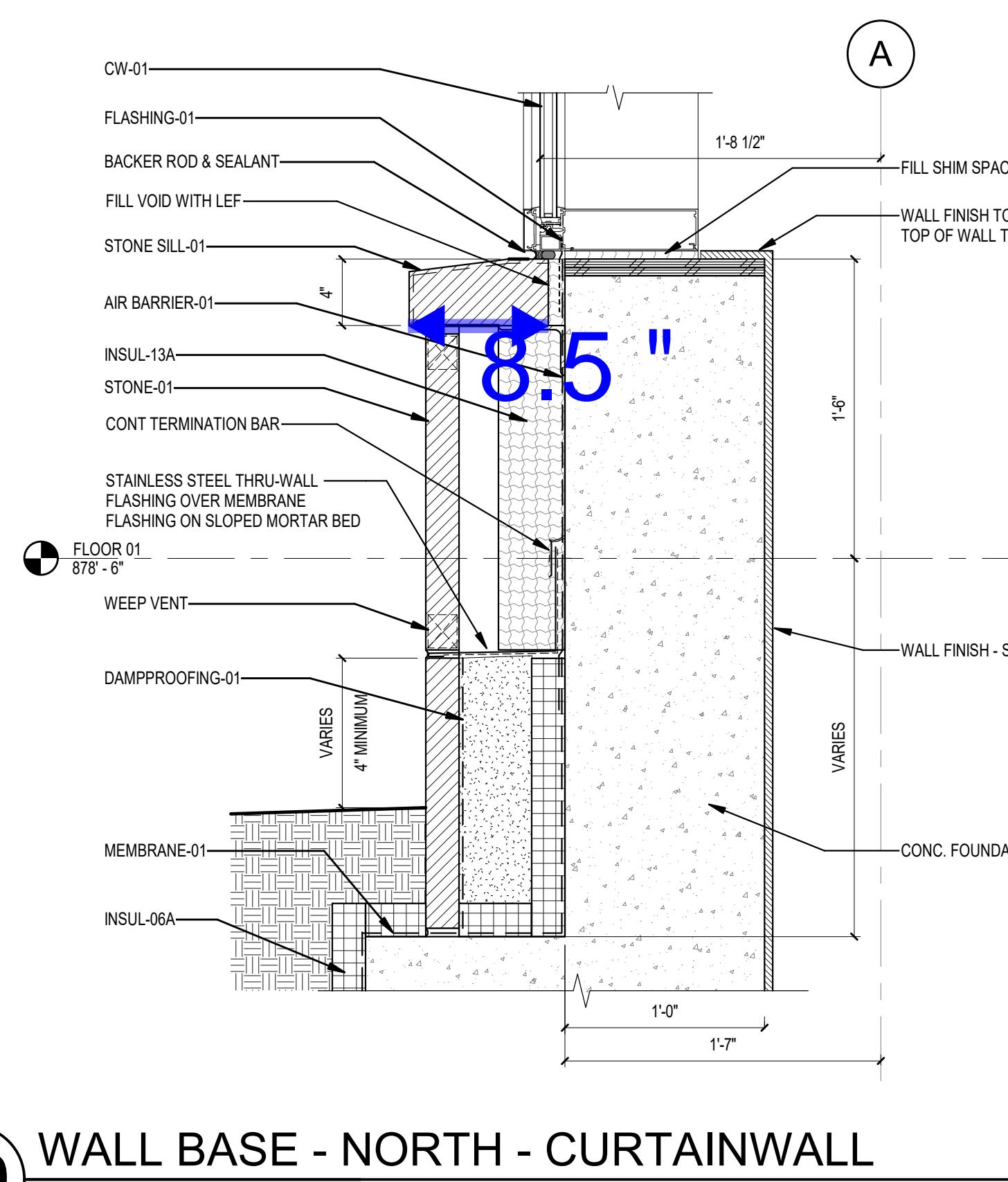
29 WALL BASE - WEST WALL - INTERMEDIATE
A504 1 1/2" = 1'-0"



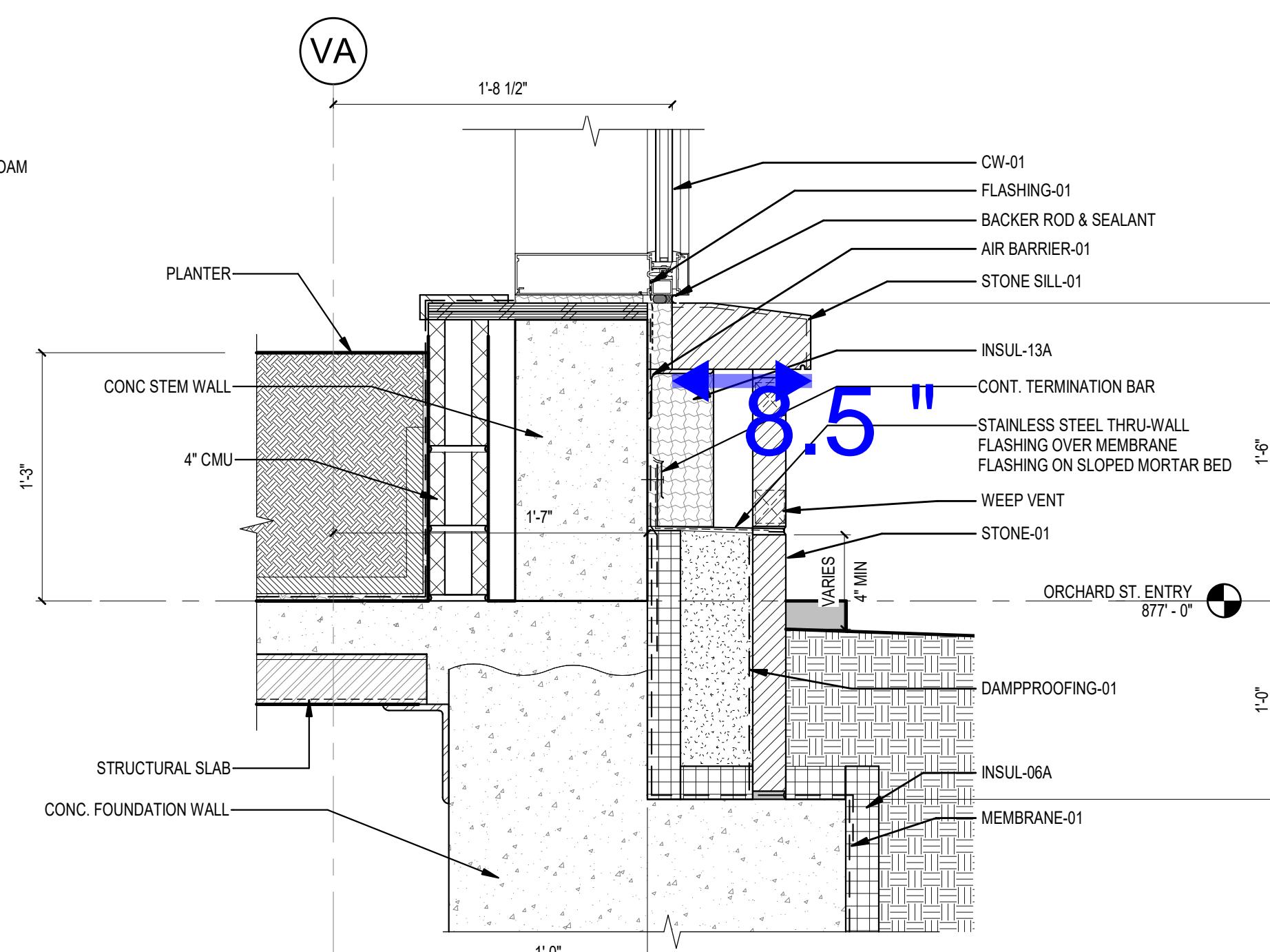
16 WALL BASE - ORCHARD ST ENTRY - VIVARIUM
A504 1 1/2" = 1'-0"



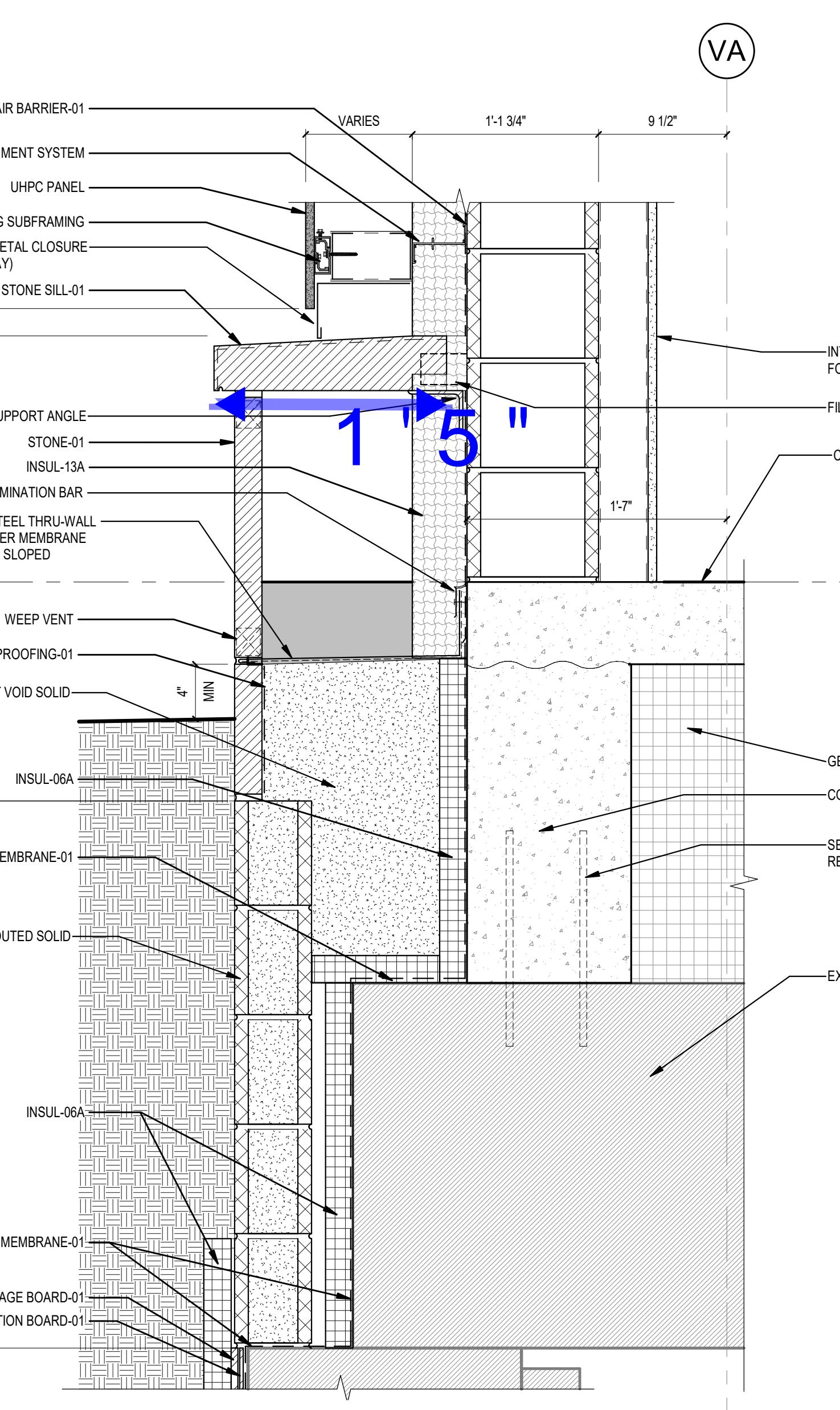
3 WALL BASE - SOUTH CLASSROOM
A504 1 1/2" = 1'-0"



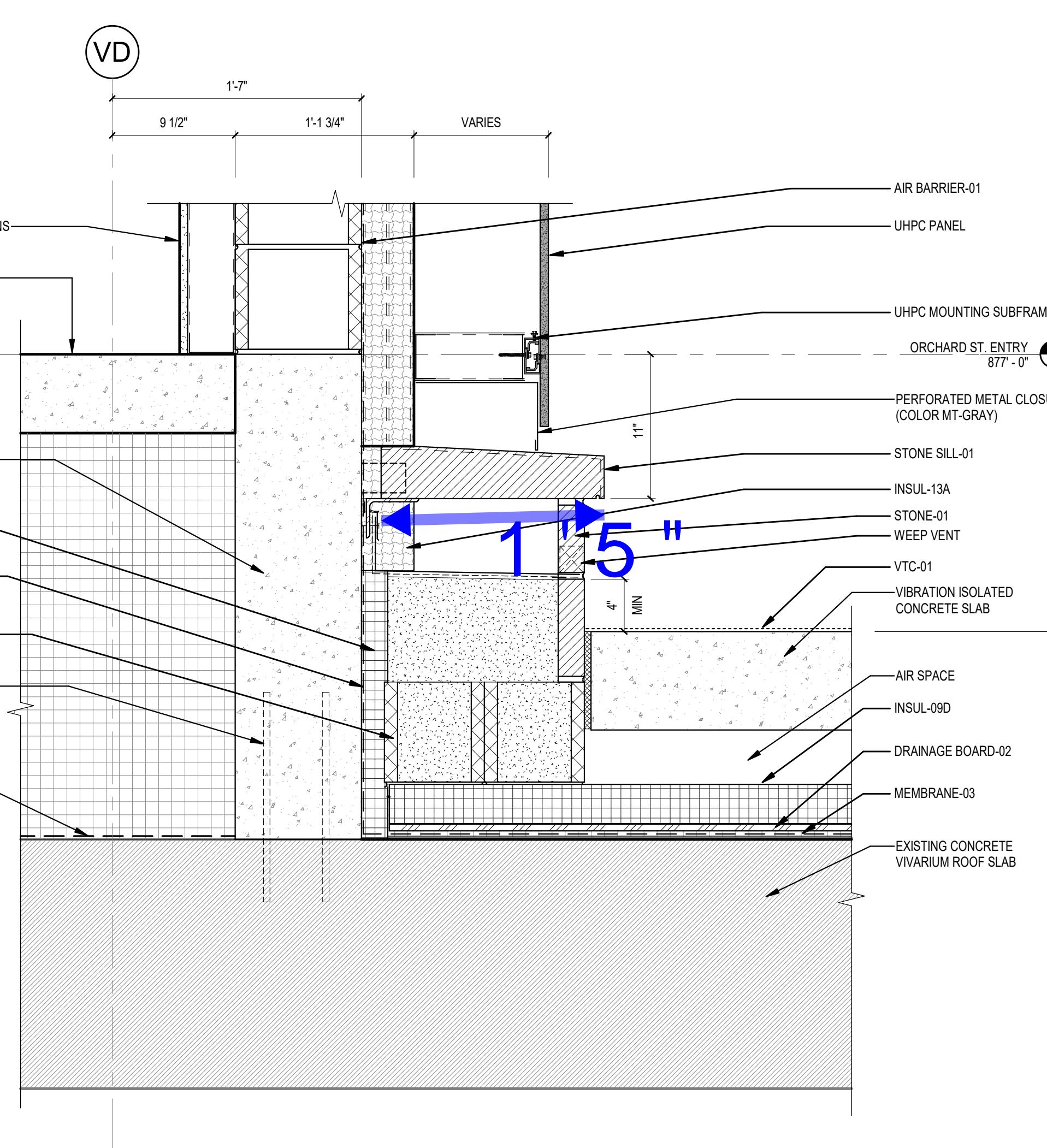
39 WALL BASE - NORTH - CURTAINWALL
A504 1 1/2" = 1'-0"



27 WALL BASE - ORCHARD ST - PLANTER
A504 1 1/2" = 1'-0"



13 WALL BASE - SOUTH CLASSROOM - HIGH
A504 1 1/2" = 1'-0"



1 WALL BASE - SOUTH CLASSROOM - EAST WALL
A504 1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

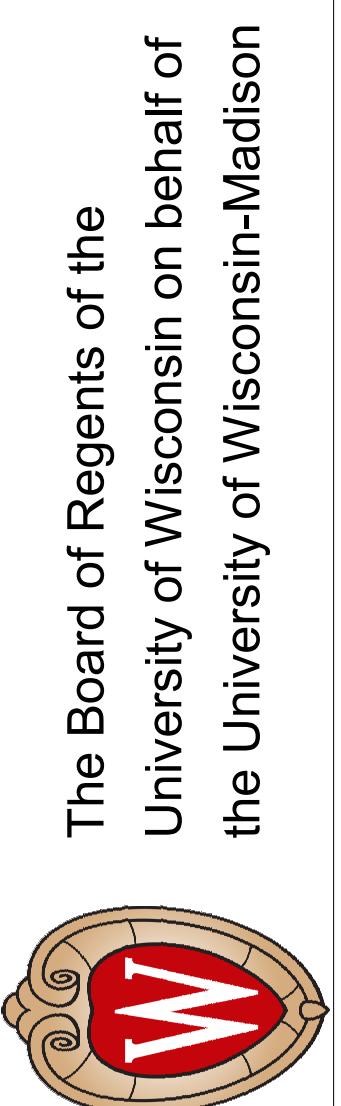
- SEE STRUCTURAL DRAWINGS FOR FOUNDATION INFORMATION, FLOOR CONSTRUCTION, ROOF DECK INFORMATION, AND ELEVATIONS.
- STRUCTURAL SIZES ARE FOR REFERENCE ONLY. GCP SHALL VERIFY ACTUAL SIZES WITH STRUCTURAL DRAWINGS.
- SEE DRAWINGS FOR ALL MATERIAL COLORS.
- FIREPROOFING NOT SHOWN. SEE SUPPLEMENTAL FIREPROOFING DRAWINGS FOR STRUCTURE AND DECK TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT FIREPROOFING.
- REFLECTIVE SHEET WATERPROOFING. SEE ELEVATIONS OF THE AIR BARRIER IN ACCORDANCE WITH AIR BARRIER MANUFACTURER'S RECOMMENDATIONS.

KEYNOTES - ASSEMBLIES & COMPONENTS

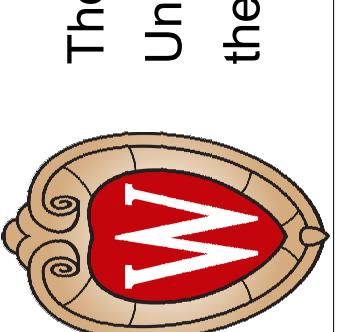
AIR BARRIER-01	FLUID-APPLIED MEMBRANE AIR BARRIER
BACKER ROD & SEALANT	BACKER ROD & SEALANT
CMU-01	CONCRETE MASONRY UNIT
CW-01	CURTAIN WALL SYSTEM-04 - 10 1/2' MILLIONS
CONT. TERMINATION BAR	CONTINUOUS TERMINATION BAR
DAMPROOFING-01	STONE VENEER DAMPROOFING
DRAINAGE BOARD-01	DRAINAGE COMPOSITE BOARD FOR SELF-ADHERING SHEET WATERPROOFING
DRAINAGE BOARD-02	DRAINAGE COMPOSITE BOARD FOR HOT-APPLIED RUBBERIZED ASPHALT
FLASHING-01	FENESTRATION TRANSITION FLASHING - SECURE TO GLAZING POCKET
INSUL-03B	Thermal insulation - mineral wool board - 4" (black)
INSUL-06A	Thermal insulation - XPS insulation - 100psi - 2"
INSUL-07B	Thermal insulation - XPS insulation - 25psi - 2"
INSUL-09A	Thermal insulation - XPS insulation - 60psi - 4"

KEYNOTES - ASSEMBLIES & COMPONENTS

INSUL-06D	Thermal insulation - XPS insulation - 100psi - 2"
INSUL-13A	Thermal insulation - mineral wool board - 4"
MEMBRANE-01	SELF-ADHERING SHEET WATERPROOFING
MEMBRANE-02	ROT FLUOROPOOLY RUBBER SELF-ADHERING SHEET WATERPROOFING
PROTECTION BOARD-01	PROTECTION BOARD FOR SELF-ADHERING SHEET WATERPROOFING
RAINSCREEN ATTACHMENT SYSTEM	CONTINUOUS FIBERGLASS RAINSCREEN ATTACHMENT SYSTEM
STONE SILL-01	STONE SILL WITH ANCHOR HEAD JOINTS AND 1/2" RAKED AND SEALED
STONE VENEER - GRANITE	STONE VENEER - GRANITE
UHPC CLIP AND RAIL SYSTEM	UHPC CLIP AND RAIL SYSTEM
UHPC PANEL	ULTRA HIGH PERFORMANCE CONCRETE PANEL - SEE ELEVATION FOR TYPE
VTC-01	VEHICULAR TRAFFIC COATING
WALL ASSEMBLY-02	CMU WALL, AIR BARRIER, MINERAL WOOL INSULATION AND UHPC SYSTEM
WEPP VENT	WEPP VENT FOR MASONRY CAVITY WALL, SPACE 2" O.C. MAX



The Board of Regents of the
University of Wisconsin on behalf of
the University of Wisconsin-Madison



SCHOOL OF COMPUTER DATA &
INFORMATION SCIENCES (CDIS) BUILDING
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WI
EXTERIOR DETAILS-BASE DETAILS

Revisions:

No. Date: Description:

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
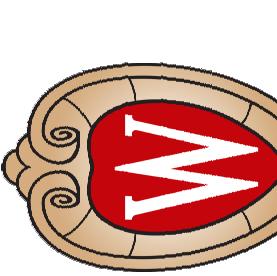
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41
A509

UPLIGHT ELECTRICAL FIXTURE,
TO BE CENTERED ON OPENING

This technical drawing provides a detailed cross-section of a UHPC panel penetration. The top left inset shows a circular opening in a UHPC panel, with dimensions of 8" MIN indicated for both height and width, and a 'VERIFY' label. The main cross-section shows the panel being cut through to accommodate a downspout nozzle. A vertical dimension of 1-1 1/2" is shown from the bottom of the panel penetration to the top of the prefabricated metal drip edge. The panel penetration is labeled 'UHPC PANEL'. The downspout nozzle is labeled 'DOWNSPOUT NOZZLE'. The prefabricated metal drip edge is labeled 'PREFABRICATED METAL DRIP EDGE (COLOR MT-GRAY)'. The stone base is labeled 'STONE 01'. A 'VERIFY' label is also present near the base of the panel penetration. The drawing includes a legend at the bottom right with symbols for concrete, steel, and other materials.

This technical drawing provides a cross-sectional view of a wall assembly labeled D-D'. The diagram illustrates the following components from left to right:

- UHPC MOUNTING SUBFRAMING**: A vertical metal frame attached to the **STRUCTURAL COLUMN**.
- RECESSED ELEC. BOX**: A rectangular electrical box mounted within the subframing.
- LIGHT FIXTURE**: A recessed light fixture installed in the **UHPC PANEL**.
- UHPC PANEL**: A thick concrete panel forming the exterior wall.
- STRUCTURAL COLUMN - SEE STRUCTURAL**: A vertical column supporting the wall assembly.
- WALL ASSEMBLY-07**: The overall label for the wall system.

Vertical dimensions on the left indicate a height of **1'-0"** between the top of the subframing and the bottom of the panel. To the right, a dimension line indicates a horizontal distance of **CENTER LIGHT 28'-6" AFF**.

The right side of the diagram shows the **3 5/8" COLD-FORMED METAL FRAMING** supported by the structure above. The soffit assembly includes:

- 5/8" EXTERIOR SHEATHING**: The outer layer of the sheathing system.
- AIR BARRIER-01**: An air barrier membrane.
- INSUL-03B**: Insulation material.
- UHPC PANEL**: The underside of the concrete panel.
- RECESSED LIGHT FIXTURE**: A recessed light fixture installed in the soffit.

Two "EQ" labels with arrows point to specific locations where the framing is secured to the panel.

18 SECTION DETAIL - LIGHTS @ PILASTER

This architectural section detail diagram illustrates the construction of an up-light fixture at the North-East Entry. The vertical height of the detail is indicated as 23'. The diagram shows a cross-section of the wall assembly, featuring a UHPC panel at the top, followed by a rainscreen attachment system, a discontinuous 3"x4" 16 gauge galvanized steel angle (color MT-BLACK), and a UHPA panel. Below the UHPA panel, a rainscreen attachment system is shown. The up-light fixture is mounted on the wall, with its base being secured to a 2" thick concrete slab. The fixture includes an uplight - see electrical. The assembly is aligned with adjacent light fixtures. The diagram also shows a backer rod and sealant, 3/4" plywood ease edge and slope to exterior to drain, and fenestration transition flashing secured into glazing pocket. A dimension of 4" is shown between the uplight and the adjacent fixture. An EQ symbol indicates an equal distance or offset. A scale bar at the bottom indicates 1 1/2" = 1'-0".

SECTION DETAIL - UP-LIGHTS @ NE- ENTRY

41

A509 $1 \frac{1}{2}'' = 1'-0''$

30 DOWNSPOUT NOZZLE - UHPC

SECTION DETAIL - LIGHTS @ PILASTER

ELEV DETAIL - LIGHTS @ PILASTER

41

A509

1 1/2" = 1'-0"

VF

This architectural cross-section diagram illustrates the construction details of a building wall, specifically focusing on the interface between the exterior stone cladding and the interior concrete structure.

The diagram shows a vertical cross-section of a wall section. At the top, there is a structural column. The exterior is finished with large, rectangular stone panels labeled "STONE-01". Below the stone, there is a layer of "MEMBRANE-01". The wall section includes a "DAMPROOFING-01" layer at the base, which is applied over a "CROUT BOTTOM COURSE SOLID" layer. The interior of the wall is made of concrete blocks. The bottom of the wall sits on a foundation labeled "ST IN PLACE CONCRETE FOUNDATION - SEE STRUCTURAL".

Key components and labels visible in the diagram include:

- C-01
- SEALANT AND BACKER ROD
- REFINISHED METAL TRIM WITH DOWNTURN LEG, SET IN SEALANT AD (COLOR MT-GRAY)
- SEEP VENT
- CONE-01
- MBRANE-01
- AINLESS STEEL THRU-WALL FLASHING OVER MEMBRANE FLASHING ON SLOPED MORTAR BED
- MPPROOFING-01
- CROUT BOTTOM COURSE SOLID
- ST IN PLACE CONCRETE FOUNDATION - SEE STRUCTURAL
- STRUCTURAL COLUMN - SEE STRUCTURAL
- STONE-01
- MEMBRANE-01
- DAMPROOFING-01

Dimensions shown in the diagram include:

- 1'-6"
- 1'-6"
- FLOOR 01
878' - 6"

This technical diagram illustrates a cross-section of a building's exterior wall and its foundation. The top portion shows a vertical column labeled 'STRUCTURAL COL' connected to a horizontal beam. A vertical line labeled 'MCC-01' extends downwards from the beam. The wall itself is composed of a 'PRECAST CONC.' panel with a 'PREFINISHED MET' cladding. A 'SEALANT AND BA' joint is shown at the top. A 'FLOOR 01' level is indicated at 878' - 6". The bottom section details the foundation, featuring a 'CONCRETE COLUMN' with 'AIRSPACE' and 'GEOFOAM INSUL' layers. A 'DRAINAGE BOARD' is positioned above a 'MEMBRANE-03' layer, which sits on top of 'EXISTING VIVARIU'. A 'RUN MEMBRANE U' is also shown extending upwards. Arrows point from the labels to specific parts of the wall and foundation.

SECTION DETAIL - ROUND COLUMN WRAP

A509 $1\frac{1}{2}'' = 1'-0''$

D'

STRUCTURAL COLUMN - SEE STRUCTURAL

UHPC PANEL

WALL ASSEMBLY-07

PREFINISHED METAL TRIM WITH SET IN SEALANT BEAD (COLOR MT-GRAY)

STONE-01

STAINLESS STEEL THRU-WALL FLASHING OVER MEMBRANE FLASHING

MEMBRANE-01

DAMPROOFING-01

1'-6"

STONE-01

GROUT BOTTOM COURSE SOLID

CONTINUOUS TERMINATION BAR

WEEP VENT

FLOOR 01
878' - 6"

CAST IN PLACE CONCRETE FOUNDATION - SEE STRUCTURAL

A.1

A.3

This technical drawing shows a cross-section of a structural column assembly. The column is supported by a precast base. A dashed circle indicates the extent of the precast base below the column. The column itself is labeled as having spray fireproofing applied. A dimension line indicates a height of 1' - 6" from the base to the top of the column. Circular callouts provide specific details: one at the top left labeled '1.5', one pointing to the column labeled 'STRUCTURAL COLUMN WITH SPRAY FIREPROOFING', and two at the bottom right labeled '27 A509' and '37 A509'. A legend on the right side of the drawing reads: 'STRUCTURAL COLUMN WITH SPRAY FIREPROOFING', 'APPLIED FIREPROOFING', and 'STRUCTURAL FOR DETAIL'.

1.5

MCC-01

EXTENT OF PRECAST BASE BELOW

STRUCTURAL COLUMN WITH SPRAY FIREPROOFING

27
A509

37
A509

STRUCTURAL COLUMN WITH SPRAY FIREPROOFING
APPLIED FIREPROOFING
STRUCTURAL FOR DETAIL

DETAIL - ROUND COLUMN WRAP

SECTION DETAIL - ROUND COLUMN W/ CONC. CROWN

SECTION DETAIL - COURTYARD COLUMNS

DETAIL - ROUND COLUMN WRAP

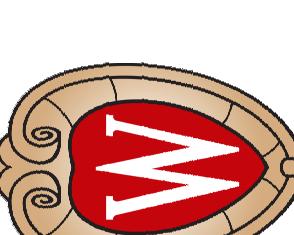
GENERAL NOTES - DETAILS

1. SEE SHEET A504 FOR DETAIL GENERAL NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS

RETROFIT ASSEMBLIES & COMPLIANCE		RETROFIT ASSEMBLIES & COMPLIANCE	
AIR BARRIER-01	FLUID-APPLIED MEMBRANE AIR BARRIER	STONE-01	STONE VENEER - GRANITE
CW-02	CURTAIN WALL SYSTEM 02 - 7 1/2" MULLIONS	UHPC MOUNTING SUBFRAMING	UHPC CLIP AND RAIL SYSTEM
DAMPROOFING-01	STONE VENEER DAMPROOFING	UHPC PANEL	ULTRA HIGH PERFORMANCE CONCRETE PANEL - SEE ELEVATION FOR TYPE
DRAINAGE BOARD-02	DRAINAGE COMPOSITE BOARD FOR HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING	WALL ASSEMBLY-07	4" COLD-FORMED METAL FRAMING, EXTERIOR GYPSUM SHEATHING, SLIP SHEET AND UHPC SYSTEM
INSUL-03B	THERMAL INSULATION - MINERAL WOOL BOARD - 4" (BLACK)	WEEP VENT	WEEP VENT FOR MASONRY CAVITY WALL, SPACE 24" O.C. MAX
MCC-01	PREFINISHED METAL COLUMN WRAP WITH STONE-01 BASE		
MEMBRANE-01	SELF-ADHERING SHEET WATERPROOFING		
MEMBRANE-03	HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING		
RAINSCREEN ATTACHMENT SYSTEM	CONTINUOUS FIBERGLASS RAINSCREEN ATTACHMENT SYSTEM		
SLIP SHEET-01	COMMERCIAL WRAP WEATHER BARRIER		
SOFFIT ASSEMBLY 01	COLD-FORMED METAL FRAMING, EXTERIOR GYPSUM SHEATHING, AIR		

The Board of Regents of the
University of Wisconsin on behalf of
the University of Wisconsin-Madison

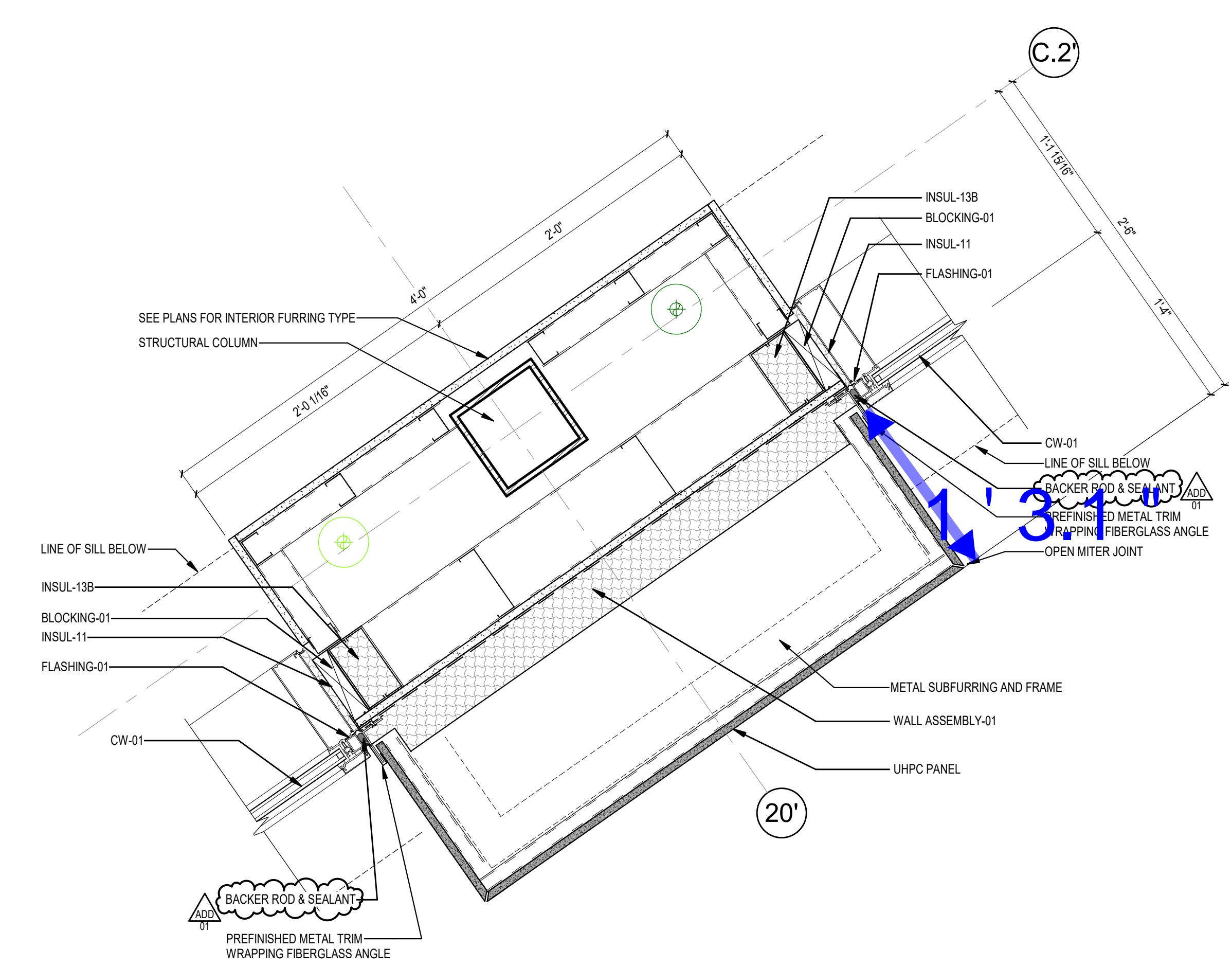


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MADISON, WI

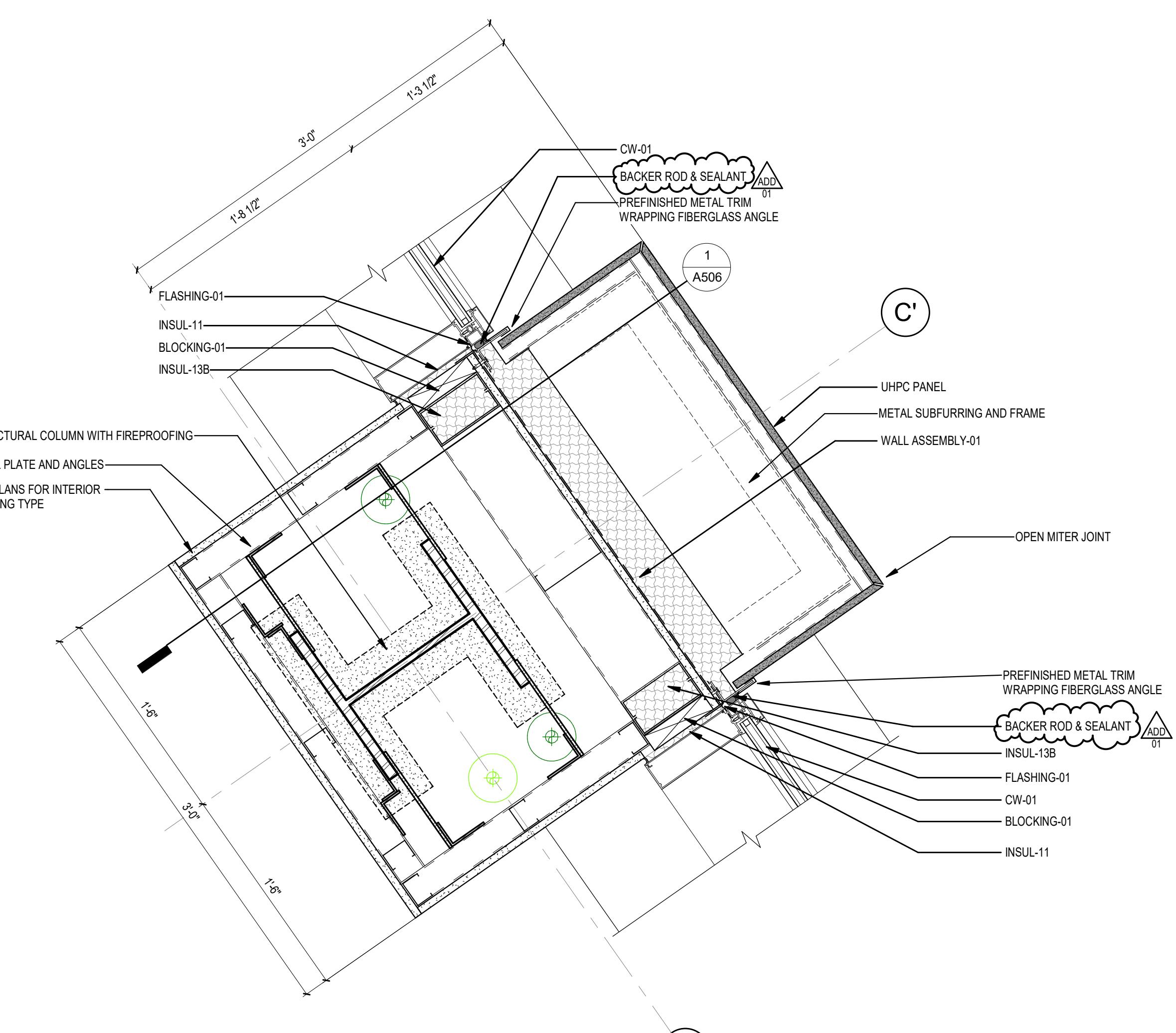
Exterior Details

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Graphic Scale 0 3' 6" 9' 1"
BD 09/16/22 Bid Drawings
1 10/03/22 Addendum No.1
UW-MSN # 0215-2121
UVSA # A-21-007
Volume Number 03
Set Type BID SET
Date Issued 09-16-2020
Sheet Number A510



19 PLAN DETAIL - SE COLUMN WRAP
A510 1 1/2" = 1'-0"



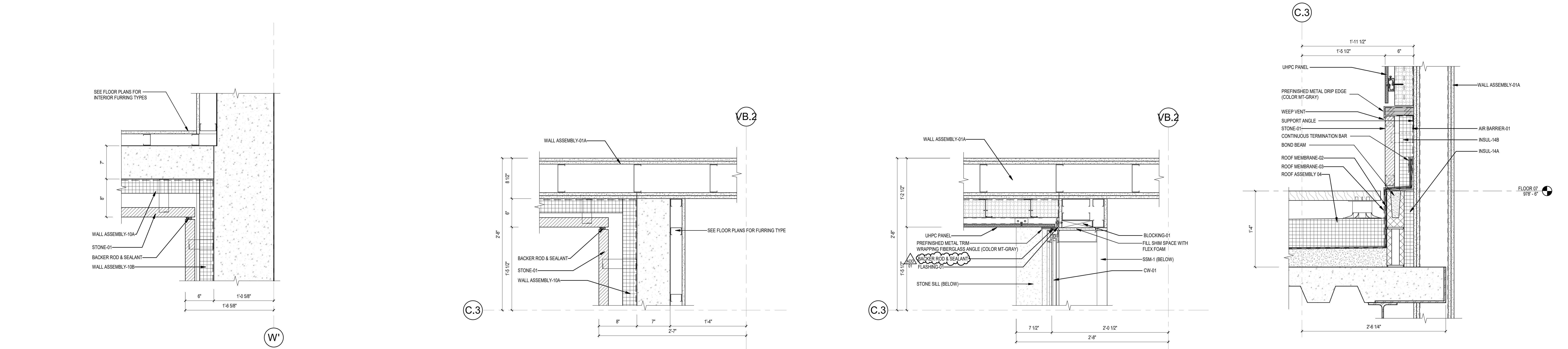
7 PLAN DETAIL - NE PILASTER AND COLUMN WRAP
A510 1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

1. SEE SHEET A504 FOR DETAIL GENERAL NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS

BACKER ROD & SEALANT	BACKER ROD & SEALANT
BLOCKING-01	2x WOOD BLOCKING
CW-01	CURTAIN WALL SYSTEM 91 - 10 1/2" MULLIONS
FLASHING-01	FENESTRATION TRANSITION FLASHING - SECURE TO GLAZING POCKET
INSUL-11	THEMATIC INSULATION SPRAY FOAM INSULATION - LOW RISE CC POLYURETHANE FOAM INSULATION
INSUL-13B	
UHPC PANEL	
WALL ASSEMBLY-01	WALL ASSEMBLY - PERPENDICULAR TO THE CONCRETE MULLION - INSULATION FOR TYPE I F COLD-FORMED METAL FRAMING EXTERIOR CLADDING SHEATHING AIR BARRIER, MINERAL WOOL INSULATION AND UHPC SYSTEM

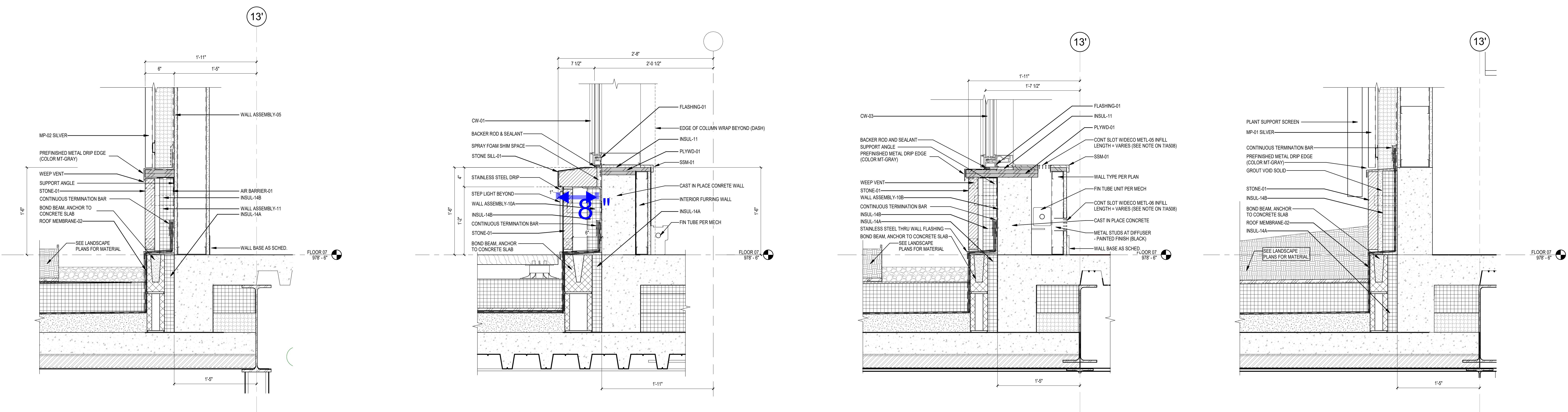


8 PLAN DETAIL-LEVEL 7 TERRACE STONE INSIDE CORNER A524 1 1/2" = 1'-0"

7 PLAN DETAIL-LEVEL 7 TERRACE STONE CORNER AT STAIR 3 A524 1 1/2" = 1'-0"

6 PLAN DETAIL - LEVEL 7 TERRACE CORNER AT STAIR 3 A524 1 1/2" = 1'-0"

5 SECTION DETAIL - LEVEL 07 AT STAIR 3 A524 1 1/2" = 1'-0"



4 SECTION DETAIL - LEVEL 07 BOW @ TERRACE 2 A524 1 1/2" = 1'-0"

3 SECTION DETAIL- LEVEL 07 CW SILL @ PREFUNCTION A524 1 1/2" = 1'-0"

2 SECTION DETAIL - LEVEL 07 WINDOW SILL DETAIL A524 1 1/2" = 1'-0"

1 SECTION DETAIL - LEVEL 07 @ PLANT SCREEN A524 1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

1. SEE SHEET A504 FOR DETAIL GENERAL NOTES

KEYNOTES - ASSEMBLIES & COMPONENTS

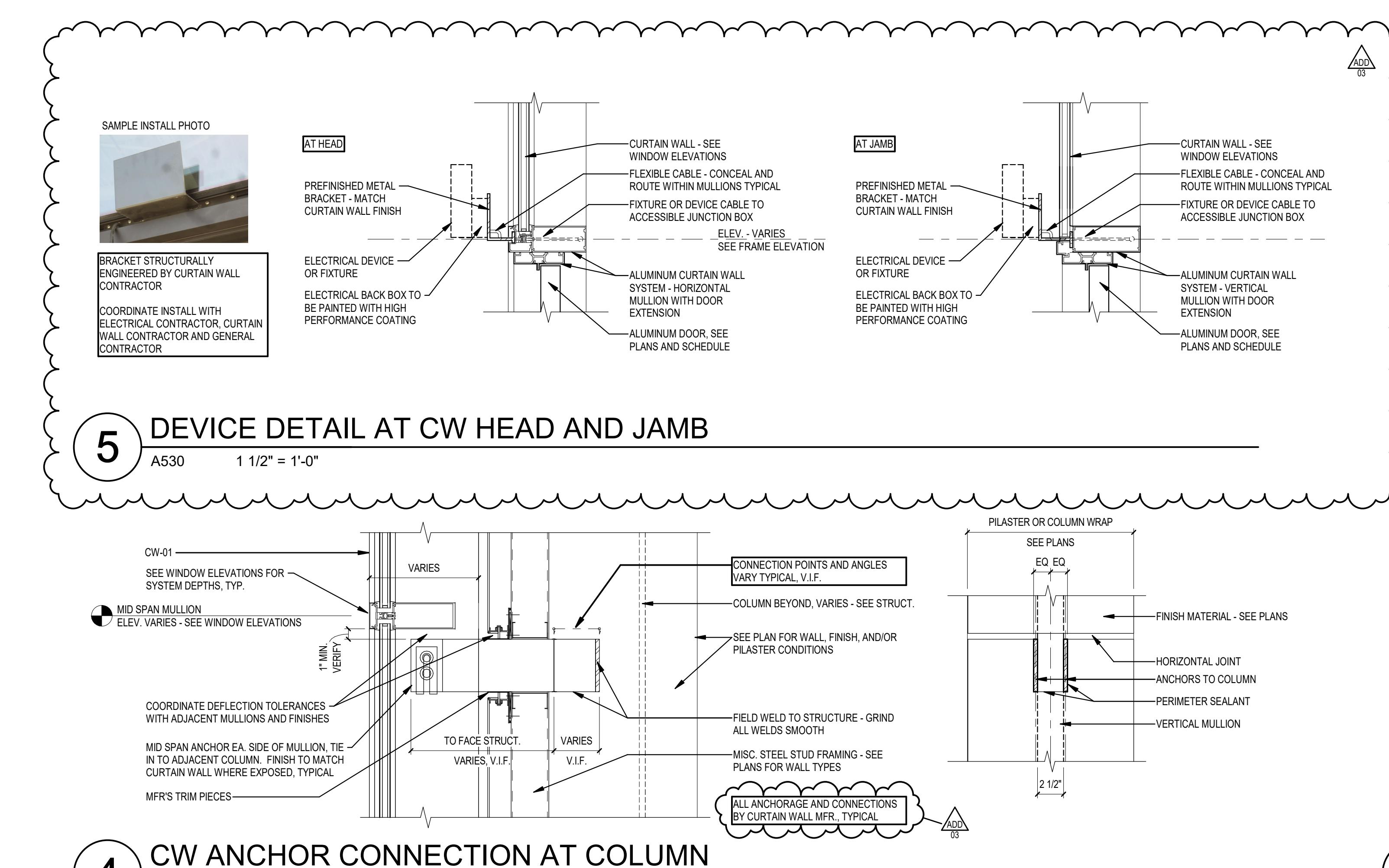
AIR BARRIER-01	FLUSH-APPLIED MEMBRANE AIR BARRIER
BACKER ROD & SEALANT	BACKER ROD & SEALANT
BLOCKING-01	2x WOOD BLOCKING
CW-01	CURTAIN WALL SYSTEM - 10' 0" WALLS
CW-02	CURTAIN WALL SYSTEM - 8' 8" WALLS
FENSTERWALL-01	FENSTERWALL TRANSITION FLASHING - SECURE TO GLAZING POCKET
INSUL-11	FOAM INSULATION - SPRAY FOAM INSULATION - LOW RISE CC POLYURETHANE FOAM INSULATION
INSUL-14A	INSUL-14A
INSUL-14B	INSUL-14B
MP-01 SILVER	FORMED METAL WALL PANELS
MP-02 SILVER	FORMED METAL WALL PANELS
PLYWD-01	3/4" FIRE RETARDANT TREAT PLYWOOD
ROOF ASSEMBLY-04	PROTECTED MEMBRANE ROOF SYSTEM WITH INSUL-08 AND GREEN ROOF AND PEDIMENT PAVEMENT SYSTEM. SEE ROOF ASSEMBLIES ON SHEET A501

KEYNOTES - ASSEMBLIES & COMPONENTS

ROOF MEMBRANE-02	FLUSH-APPLIED RUBBERIZED ASPHALT
ROOF MEMBRANE-03	ELASTOMERIC SHEET FLASHING FOR VEGETATED PROTECTED MEMBRANE ROOFING
STONE SILL-01	STONE SILL WITH ANCHOR AT HEAD JOINTS AND 1/2" RAKED AND SEALED JOINTS - SEALANT TO MATCH SITE
STONE-01	STONE SILL - 10"
STORY LINE-01	STORY LINE - 10"
UHPC PANEL	ULTRA HIGH PERFORMANCE CONCRETE PANEL - SEE ELEVATION FOR TYPE
WALL ASSEMBLY-01A	2 HOUR RATED ASSEMBLY - [2] LAYERS GYPSUM WALL BOARD, 6" COLD-FORMED METAL FRAMING, (2) LAYER EXTERIOR GYPSUM AIR BARRIER, MINERAL WOOL INSULATION, GYPSUM WALL BOARD
WALL ASSEMBLY-05	6" COLD-FORMED METAL FRAMING, EXTERIOR GYPSUM SHEATHING, AIR BARRIER, MINERAL WOOL INSULATION AND FORMED METAL PANEL (MP-01)
WALL ASSEMBLY-10A	CONCRETE WALL, AIR BARRIER, POLYSOFT INSULATION, 3" AIR SPACE AND STONE VENEER
WALL ASSEMBLY-10B	CONCRETE WALL, AIR BARRIER, POLYSOFT INSULATION, 1" AIR SPACE AND STONE VENEER
WALL ASSEMBLY-11	6" COLD-FORMED METAL FRAMING, EXTERIOR GYPSUM SHEATHING, AIR BARRIER, POLYSOFT INSULATION, 1" AIR SPACE AND STONE VENEER
WEEP VENT	WEEP VENT FOR MASONRY CAVITY WALL, SPACE OF C.C. MAX

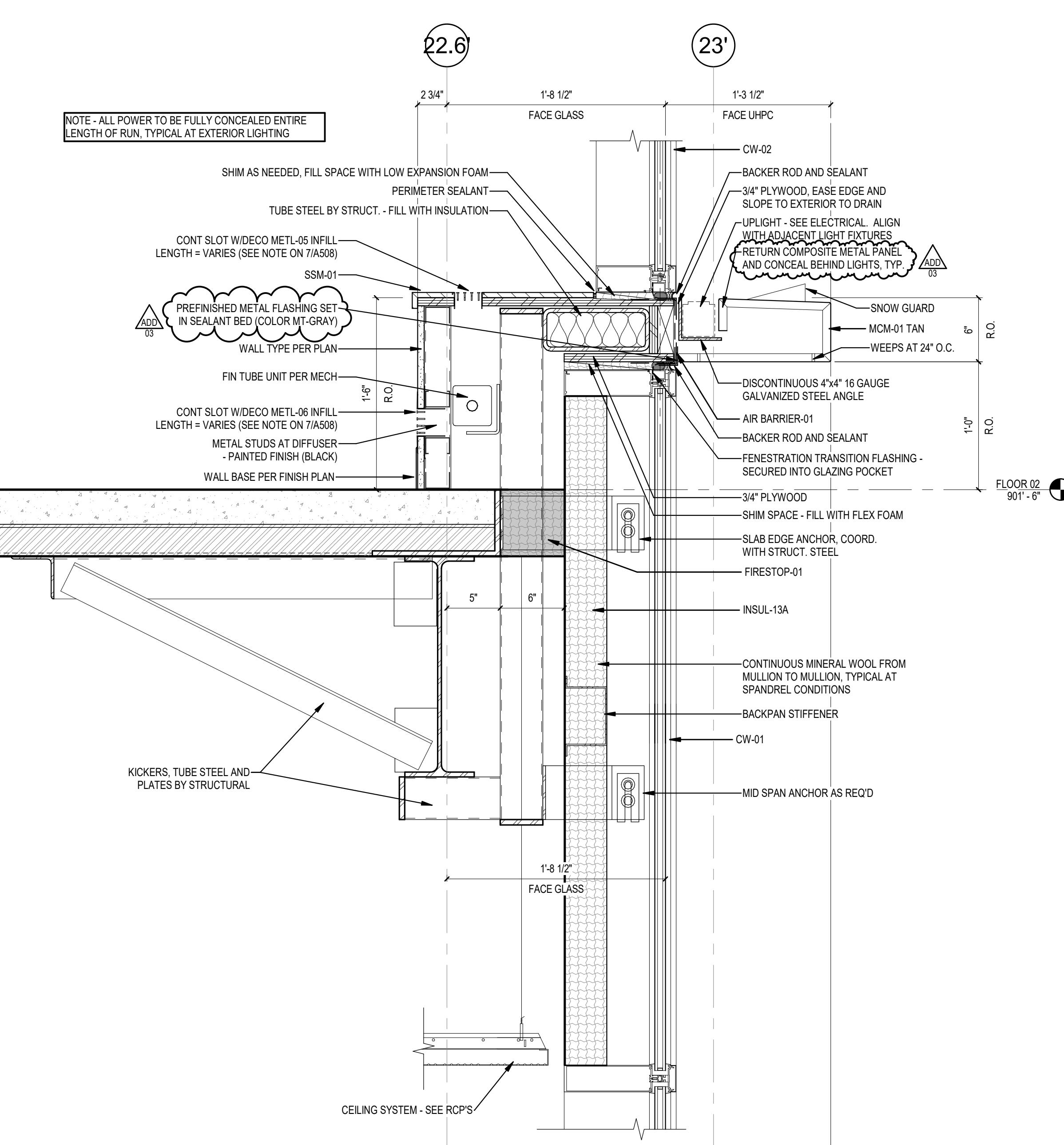
The Board of Regents of the
University of Wisconsin on behalf of
the University of Wisconsin-Madison

UNIVERSITY OF WISCONSIN - MADISON

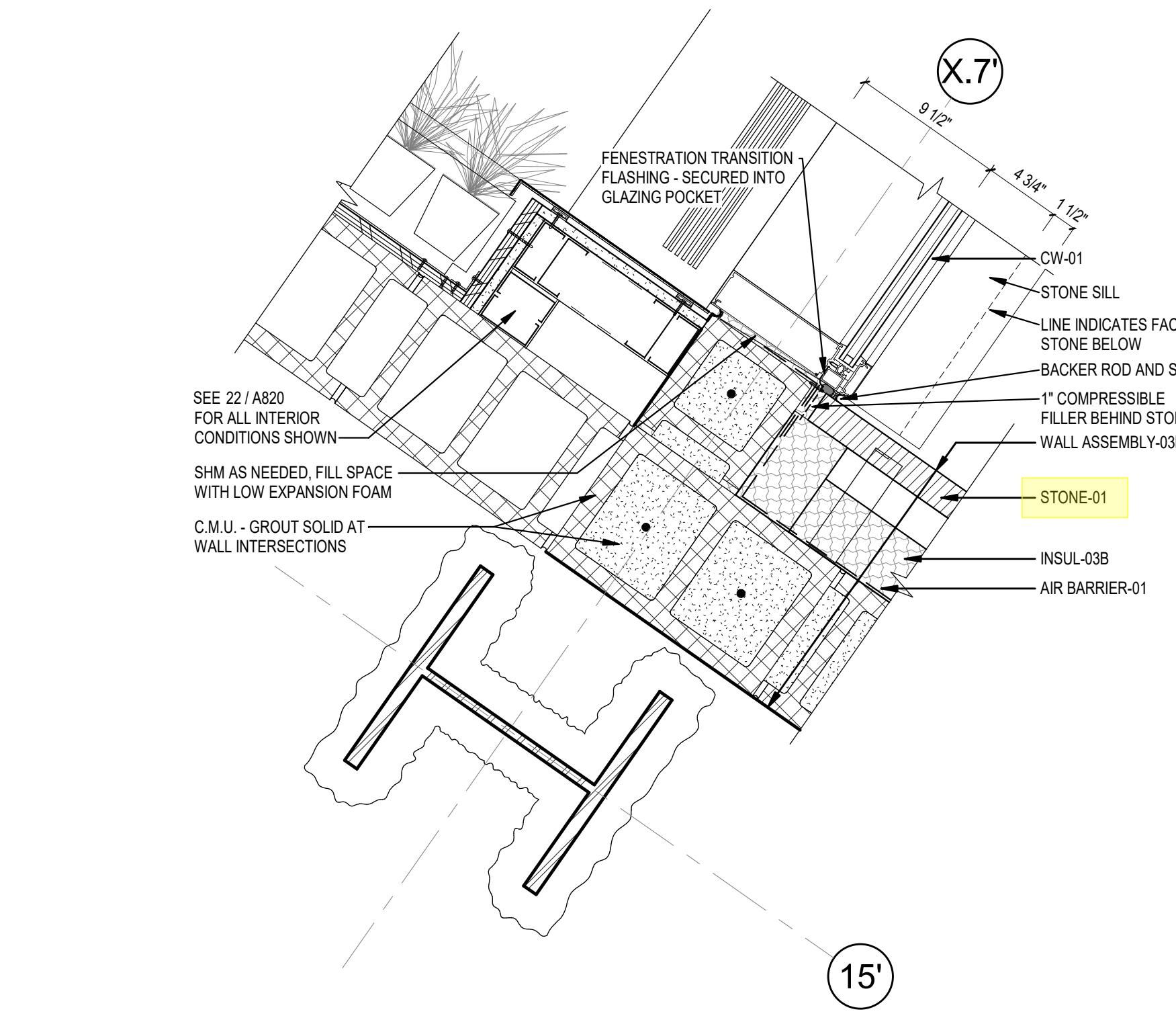


5 DEVICE DETAIL AT CW HEAD AND JAME

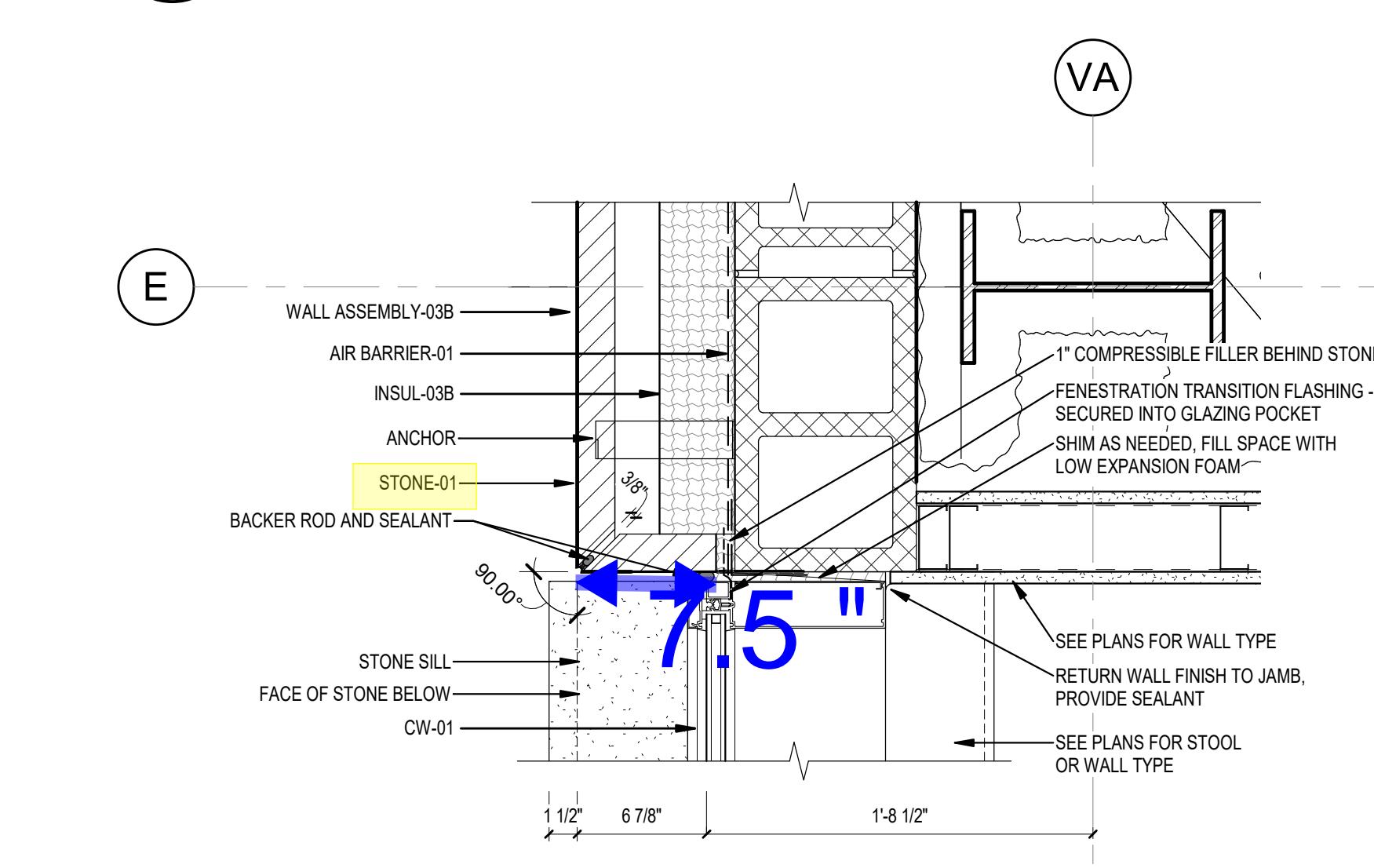
4 CW ANCHOR CONNECTION AT COLUMN



3 SPANDREL CONDITION - VEST. 1600E



3 CW JAMB AT INSIDE CORNER



CW JAMB AT STONE

KEYNOTES - ASSEMBLIES & COMPONENTS	
AIR BARRIER-01	FLUID-APPLIED MEMBRANE AIR BARRIER
BACKER ROD & SEALANT	BACKER ROD & SEALANT
BLOCKING-01	2x WOOD BLOCKING
CW-01	CURTAIN WALL SYSTEM 01 - 10 1/2" MULLIONS
CW-02	CURTAIN WALL SYSTEM 02 - 7 1/2" MULLIONS
FIRESTOP-01	FIRE RESISTIVE JOINT SYSTEM AND PERIMETER
FLASHING-01	FENESTRATION TRANSITION FLASHING- SECURE
INSUL-03B	THERMAL INSULATION - MINERAL WOOL BOARD
INSUL-03C	THERMAL INSULATION - MINERAL WOOL BOARD
INSUL-11	THERMAL INSULATION - SPRAY FOAM INSULATION POLYURETHANE FOAM INSULATION
INSUL-13A	THERMAL INSULATION - MINERAL WOOL BOARD
INSUL-13B	THERMAL INSULATION - MINERAL WOOL BOARD

KEYNOTES - ASSEMBLIES & COMPONENTS	
MCM-01 TAN	METAL COMPOSITE MATERIAL WALL PANELS, COLOR TAN
STONE-01	STONE VENEER - GRANITE
UHPC PANEL	ULTRA HIGH PERFORMANCE CONCRETE PANEL - SEE ELEVATION FOR TYPE
WALL ASSEMBLY-01	6" COLD-FORMED METAL FRAMING, EXTERIOR GYPSUM SHEATHING, AIR BARRIER, MINERAL WOOL INSULATION AND UHPC SYSTEM
WALL ASSEMBLY-03B	10" CMU BLOCK, AIR BARRIER, MINERAL WOOL INSULATION , 2 3/8" AIR SPACE AND STONE VENEER