

PARKING DECK II AND SURFACE PARKING (DESIGN-BUILD) CONSTRUCTION DOCUMENTS

SCO# 18-19226-01A, CODE: 41828, ITEM 301
4965 RIEGEL ROAD, WILMINGTON, NC



VICINITY MAP:



1

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E-103	FIFTH LEVEL - LIGHTING, POWER AND SYSTEMS PLAN
E-600	ELECTRICAL DETAILS
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SCHEDULE OF EXTERIOR BUILDING FINISHES

- THIN BRICK: FELD HAUS
 - PRECAST CONCRETE: 019-09
 - MODULAR BRICK: STATESVILLE BRICK COMPANY RED ROYAL SPECIAL
 - CURTAINWALL: CUSTOM WHITE MATCHING UNCW STANDARD ("PALAIS WHITE" SW #2429 BY SHERWIN WILLIAMS
 - BRICK VENEER EXPANSION JOINTS TO MATCH BRICK COLOR; BASIS OF DESIGN : TREMCO "BAPTIST BRICK"
 - BRICK MORTAR (DUMPSTER ENCLOSURE): LIGHT GREY; BASIS OF DESIGN BY GIANT
 - GUTTERS AND DOWNSPOUTS:
 - HOLLOW METAL DOORS AND FRAMES:
 - STUCCO:
- * ALL COLORS TO BE APPROVED BY THE OWNER PRIOR TO FABRICATION AND INSTALLATION

SCHEDULE OF ALTERNATES

ALTERNATE NO. 1A: PAINT / STAIN DECK UNDERSIDE WITH A WHITE FINISH WITH 1-YEAR WARRANTY. PAINT ALL SPRINKLER AND STORM PIPING (INCLUDES VERTICAL, HORIZONTAL AND DIAGONAL PIPES.)

ALTERNATE NO. 1B: PAINT / STAIN VERTICAL SURFACES WITH A WHITE FINISH WITH 1-YEAR WARRANTY

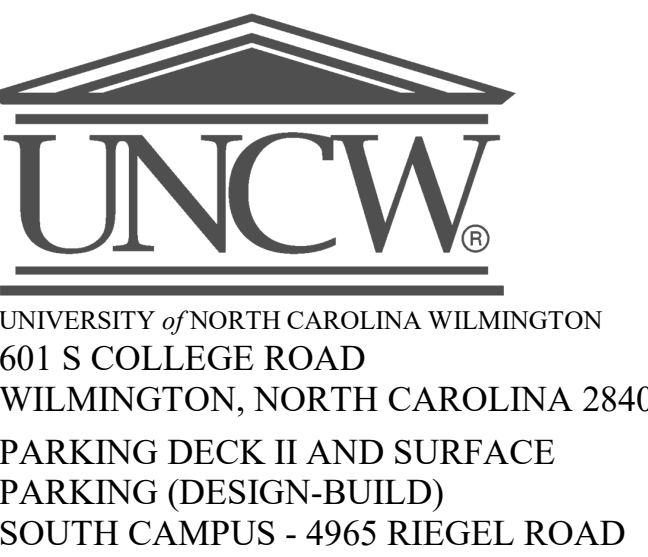
ALTERNATE NO. 2: PROVIDE ALUMINUM NON-GLAZED FRAMES AT OPENINGS INDICATED IN THE ARCHITECTURAL DRAWINGS. ALL STAIR WINDOWS AND FRAMES TO REMAIN IN BASE BID.

ALTERNATE NO. 3A: ADD DOMESTIC WATER SOURCE FROM THE SOUTHWEST SITE NEW FIRE HYDRANT TO THE WEST SIDE OF THE DECK WITH A 2" REDUCED PRESSURE BACKFLOW PREVENTER, HOTBOX, DOMESTIC WATER BOOSTER PUMP, AND 2" DOMESTIC WATER MAIN STUBBED INTO THE DECK.

ALTERNATE NO. 3B: PROVIDE 2" PIPING AND TWO (2) HOSE CONNECTIONS ON LEVELS 1 THROUGH 5 AT EACH END OF RAMP.

ALTERNATE NO. 4: PROVIDE BRICK EDGE BANDING AT NEW SIDEWALKS AS INDICATED ON THE CIVIL PLANS.

ALTERNATE NO. 5: PROVIDE 304 STAINLESS STEEL STAIR RAILING IN LIEU OF HOT DIPPED GALVANIZED.



SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty
Construction

DESIGNER

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CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL
04/15/2019
CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET

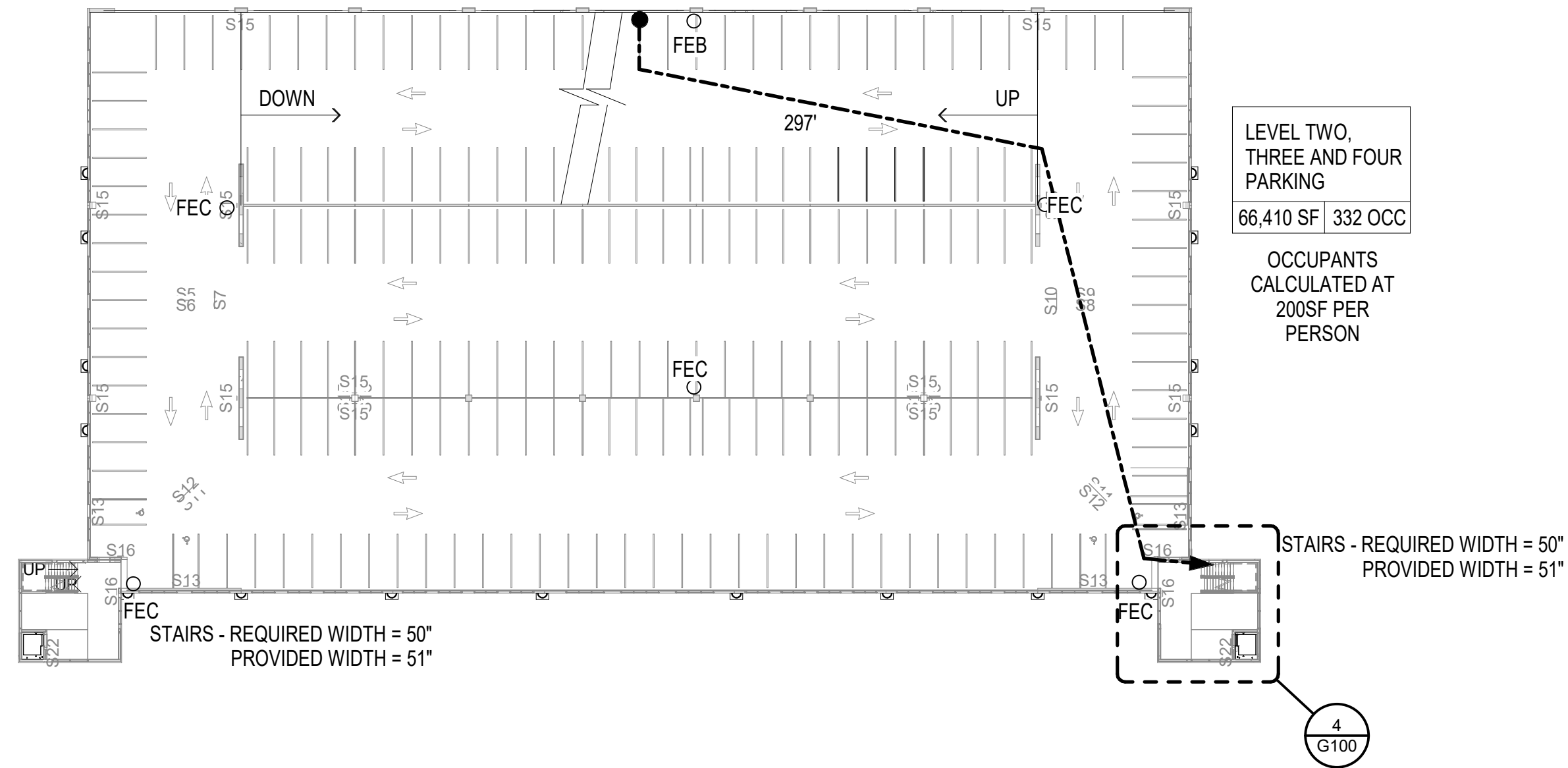
COVER SHEET AND DRAWING INDEX

G001

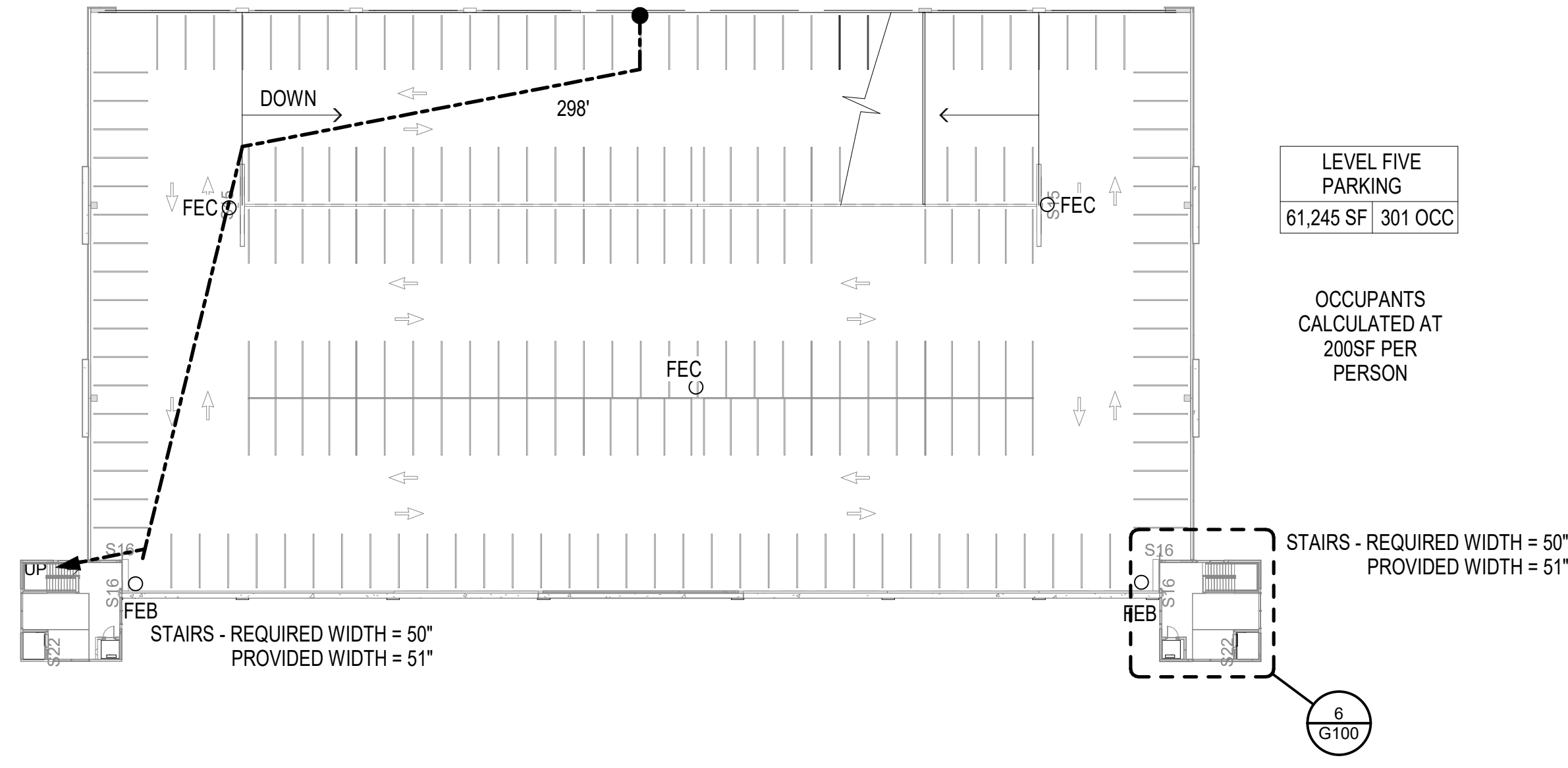
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DRAWN: Author
REVIEW: Checker

CN 8112

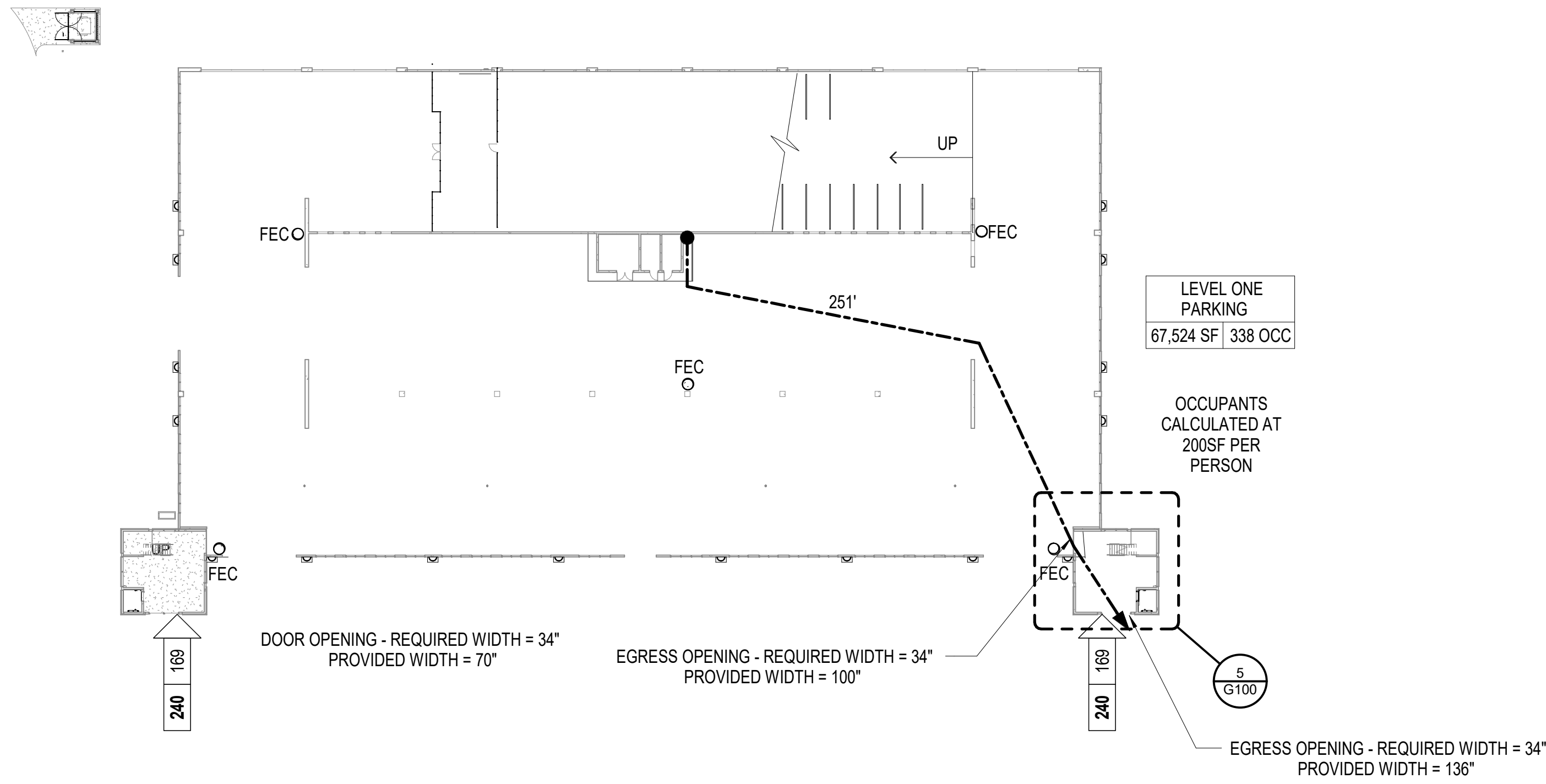
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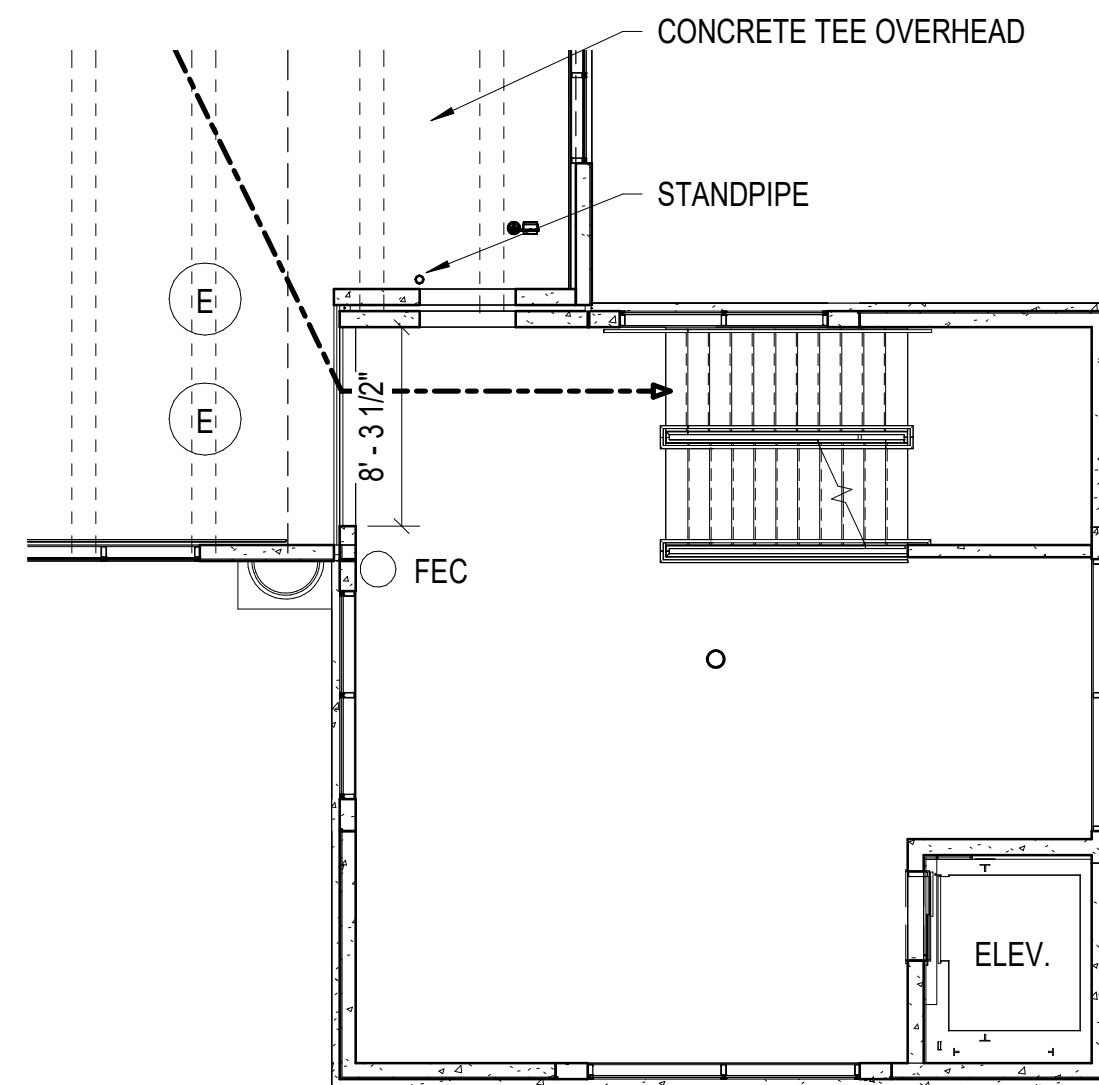
2 LIFE SAFETY PLAN - LEVELS 2 -4
1" = 40'-0"



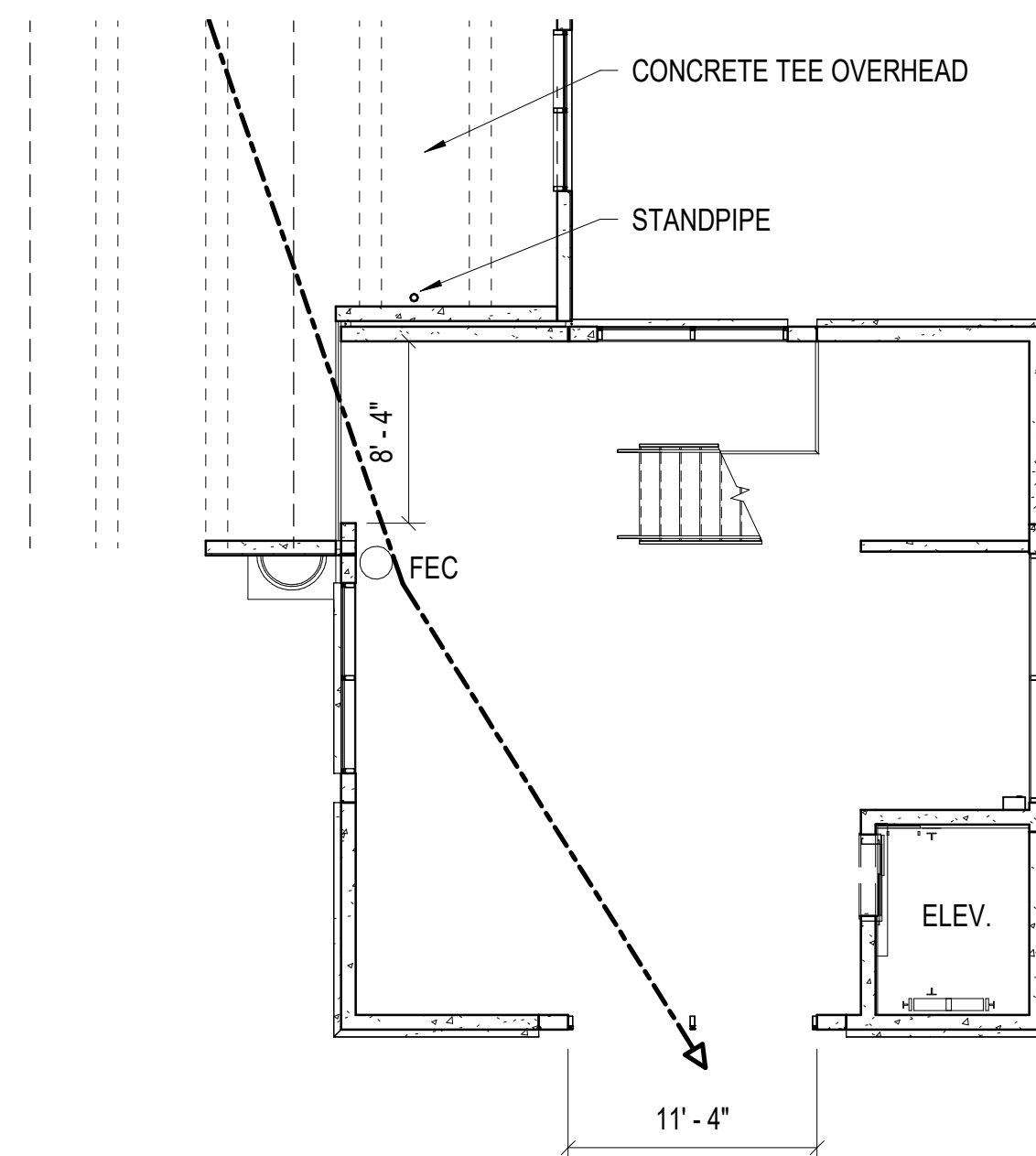
3 LIFE SAFETY PLAN - LEVEL 5
1" = 40'-0"



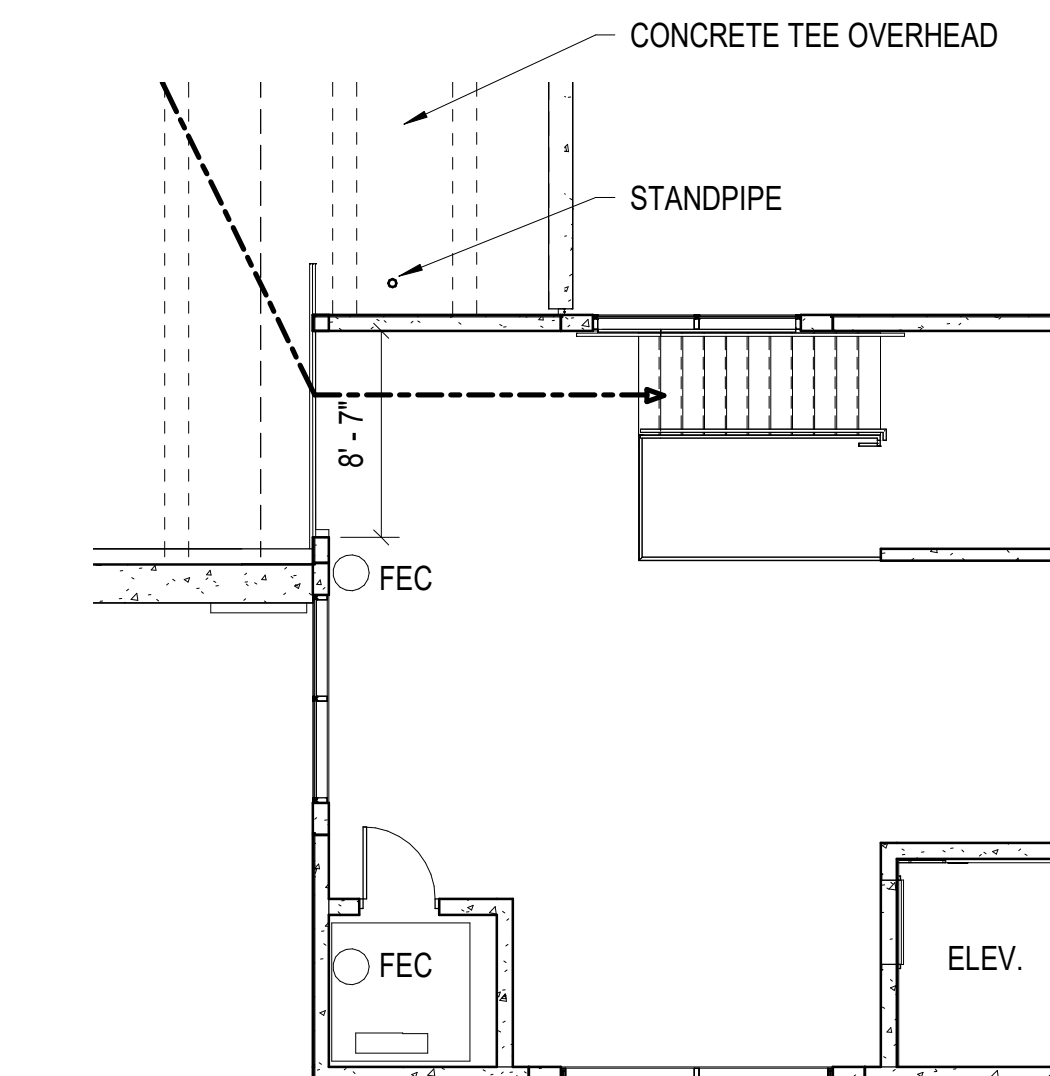
1 LIFE SAFETY PLAN - LEVEL 1
1" = 40'-0"



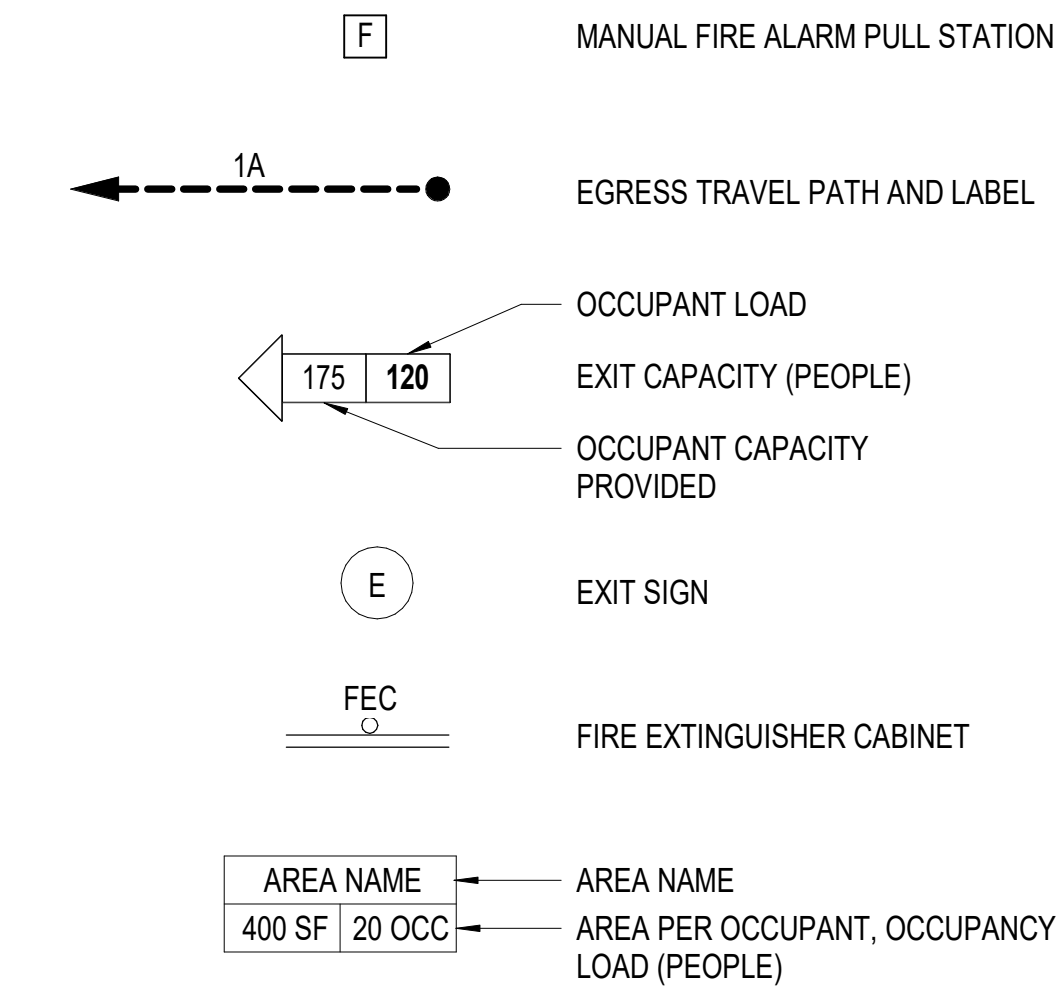
4 LIFE SAFETY PLAN - TYPICAL STAIR PLANS (LEVELS 2-4)
1/8" = 1'-0"



5 LIFE SAFETY PLAN - TYPICAL STAIR PLAN (LEVEL 1)
1/8" = 1'-0"



6 LIFE SAFETY PLAN - TYPICAL STAIR PLAN (LEVEL 5)
1/8" = 1'-0"



LIFE SAFETY SYMBOL LEGEND
1/8" = 1'-0"

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A

B

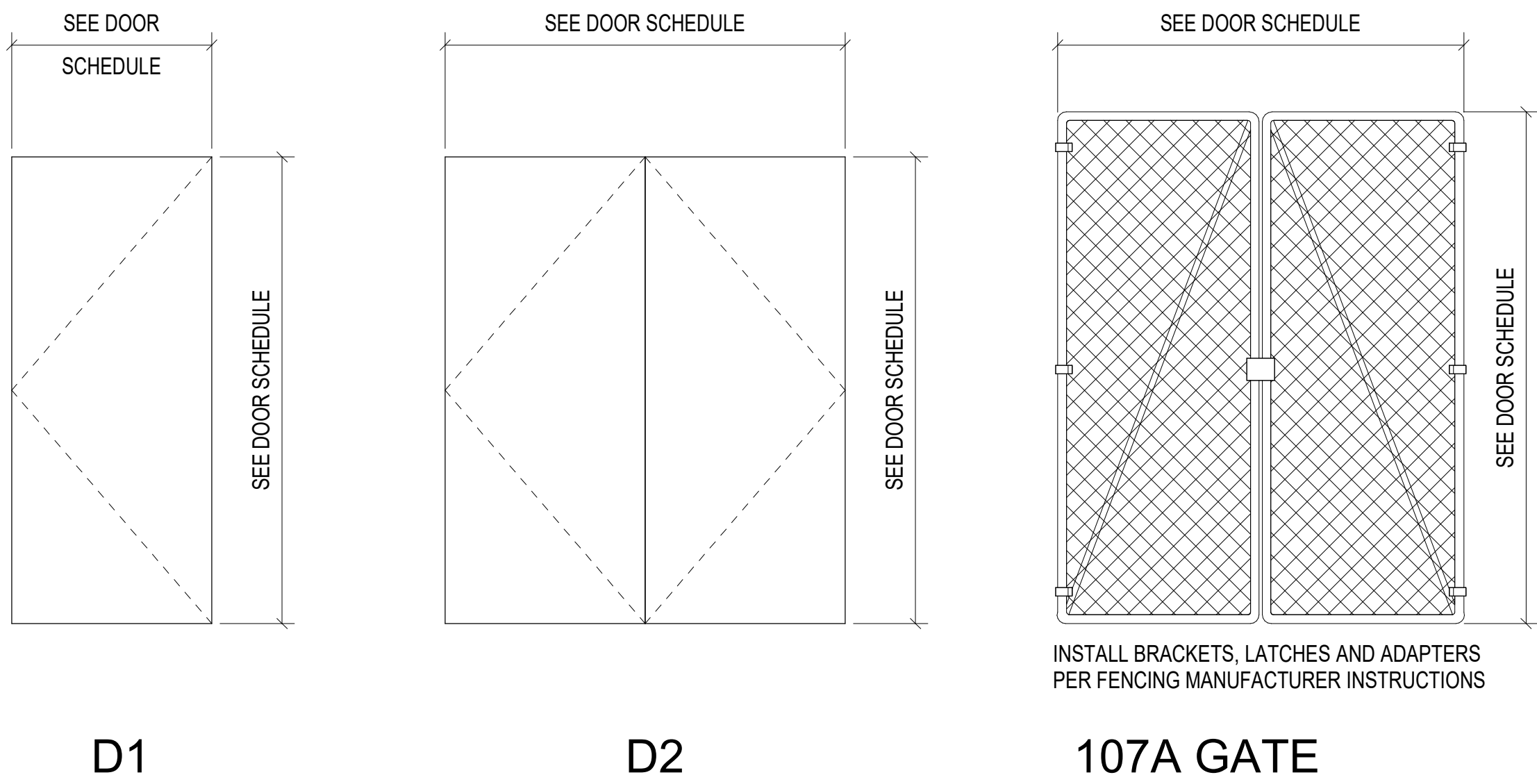
C

D

E

1/4" = 1'-0"

DOOR TYPES



DOOR SCHEDULE										
DOOR NUMBER	ROOM NAME	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HEAD DETAIL	JAMB DETAIL	HARDWARE SET
E105	SECURITY ROOM	D1	3'-0"	7'-0"	HM	F1	HM	H1	J1	HDWR #1
E106	TELECOM ROOM	D1	3'-0"	7'-0"	HM	F1	HM	H1	J1	HDWR #1
E1104	ELECTRICAL ROOM	D1	6'-0"	7'-0"	HM	F1	HM	H1 SIMILAR	J1 SIMILAR	HDWR #3
5102	ELEVATOR CONTROL ROOM	D1	3'-0"	7'-0"	HM	F1	HM	H1 SIMILAR	J1 SIMILAR	HDWR #3
5102	ELEVATOR CONTROL ROOM	D1	3'-0"	7'-0"	HM	F1	HM	H1 SIMILAR	J1 SIMILAR	HDWR #3

LEGEND:

HM - HOLLOW METAL
HDWR - HARDWARE

NOTE: CLOSERS ARE TO BE MOUNTED ON INTERIOR SIDE OF ROOM REGARDLESS OF PULL DIRECTION.

See Specifications for information on Camous Standards for Keving.

Meeting Stiles: Astragal to be similar to Zero 905; finish Satin Aluminum Clear Anodized 628 (US28)

Floor Stop: Dome stop; finish to be BHMA 626 Satin Chrome Plated Bronze (US26D)

Threshold: Half saddle threshold similar to Zero 655A; finish Mill Aluminum BHMA 628 (US28)

Weather-strips and Sweeps: Weather-strips to be similar to Zero 1885 - EPDM rubber; Sweep to be similar Zero 39 (solid neoprene) – finish to be Mill Aluminum BHMA 628 (US28)

Levers: Pair with locks; must meet accessibly requirements; owner to select from manufacturer's standard designs; finish to be BHMA 630 Satin Stainless Steel (US32D)

Locks and Latches: Grade 1 Mortise; cylinder lock on exterior side of door; provide mechanical multipoint similar to Schlage LM9280; outside lever retracts latch bolt only after inserting key and rotating 280 degrees; inside lever/knob is always free for immediate access; finish to be BHMA 626 Satin Chromium Plated Bronze (US26D)

Butt Hinges: Heavy Weight; 4 ball bearing hinge 5BB1HW SS; hinge size: 5" x 5"; flat button tips with non-removable pins (NPR); finish to be BHMA 630 Satin Stainless Steel (US32D)

HDWR #2:

Threshold: Half saddle threshold similar to Zero 655A; finish Mill Aluminum BHMA 628 (US28)

Weather-strips and Sweeps: Weather-strips to be similar to Zero 1885 - EPDM rubber; Sweep to be similar Zero 39 (solid neoprene) – finish to be Mill Aluminum BHMA 628 (US28)

Floor Stop: Dome stop; finish to be BHMA 626 Satin Chrome Plated Bronze (US26D)

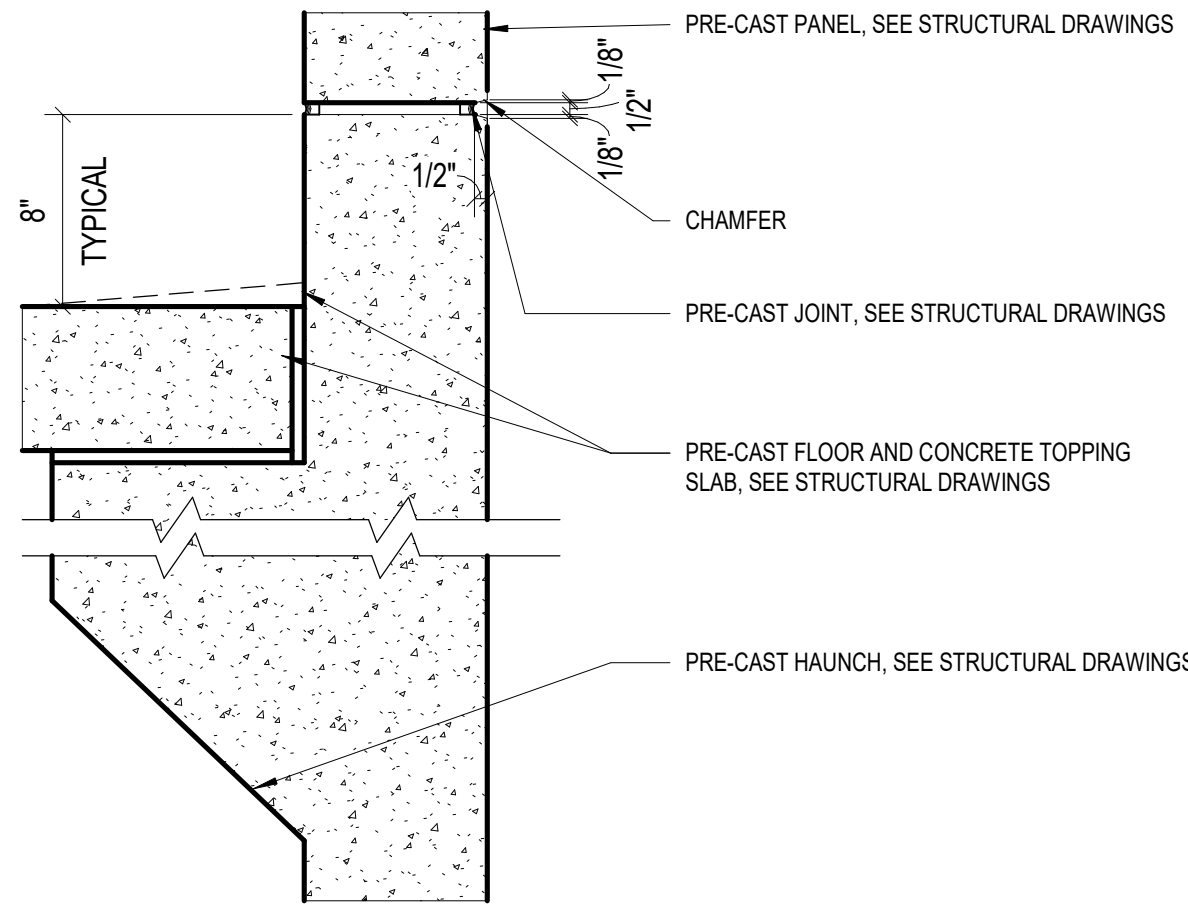
Levers: Pair with locks; must meet accessibly requirements; owner to select from manufacturer's standard designs; finish to be BHMA 630 Satin Stainless Steel (US32D)

Locks and Latches: Grade 1 Mortise; cylinder lock on exterior side of door; latch bolt retracted by lever/knob inside or key outside; outside lever/knob is always inoperable; auxiliary latch deadlocks latch bolt when door is closed; inside lever/knob is always free for immediate access; finish to be BHMA 626 Satin Chromium Plated Bronze (US26D)

Butt Hinges: Heavy Weight; 4 ball bearing hinge 5BB1HW SS; hinge size: 5" x 5"; flat button tips with non-removable pins (NPR); finish to be BHMA 630 Satin Stainless Steel (US32D)

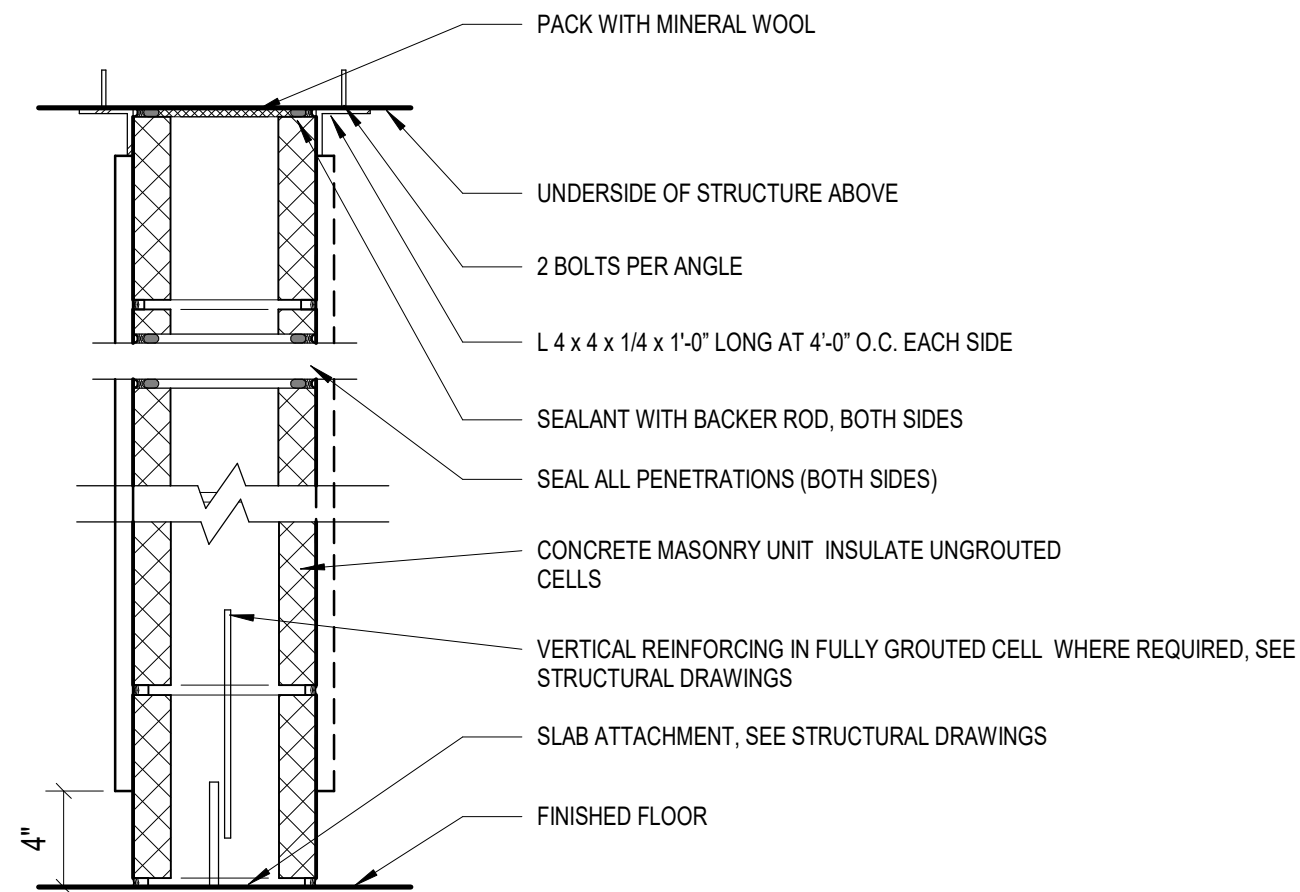
HDWR #1:

P TYPE PARTITIONS



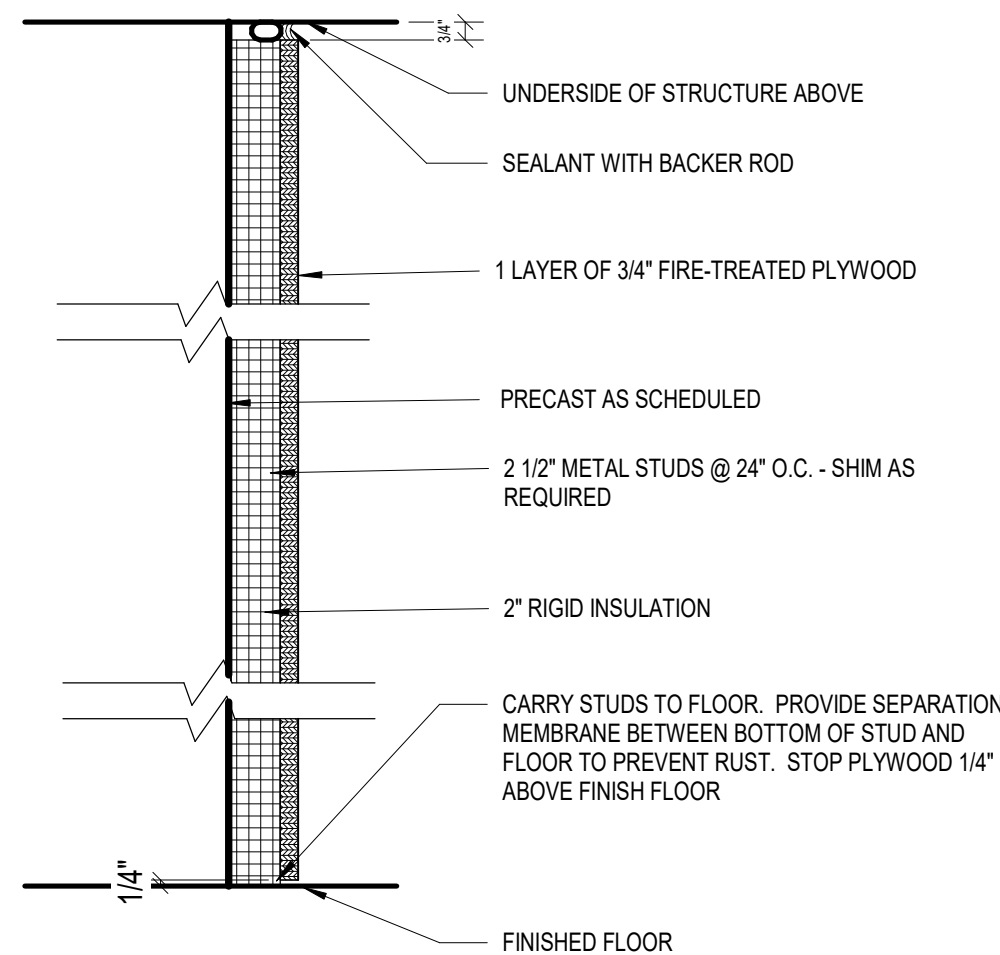
0P8	FIRE RATING 0 HR	TESTING N/A	STC N/A	8" PRE-CAST PANEL
0P6	FIRE RATING 0 HR	TESTING N/A	STC N/A	6" PRE-CAST PANEL

M TYPE PARTITIONS

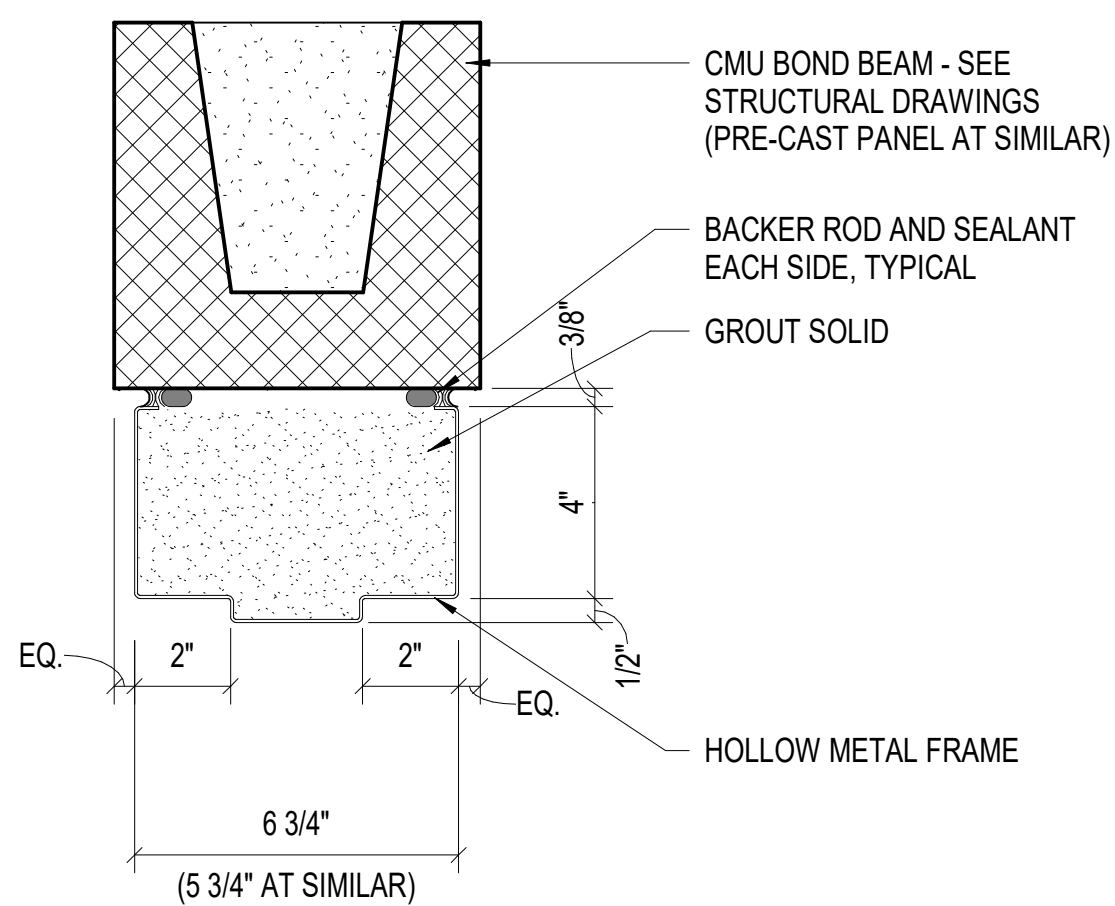


0M8	FIRE RATING 0 HR	TESTING N/A	STC N/A	8" CONCRETE MASONRY UNIT
0M81	FIRE RATING 0 HR	TESTING N/A	STC N/A	8" CONCRETE MASONRY UNIT LAYER OF 3/4" FIRE-TREATED PLYWOOD ON ONE SIDE
0M82	FIRE RATING 0 HR	TESTING N/A	STC N/A	8" CONCRETE MASONRY UNIT LAYER OF 3/4" FIRE-TREATED PLYWOOD ON EACH SIDE

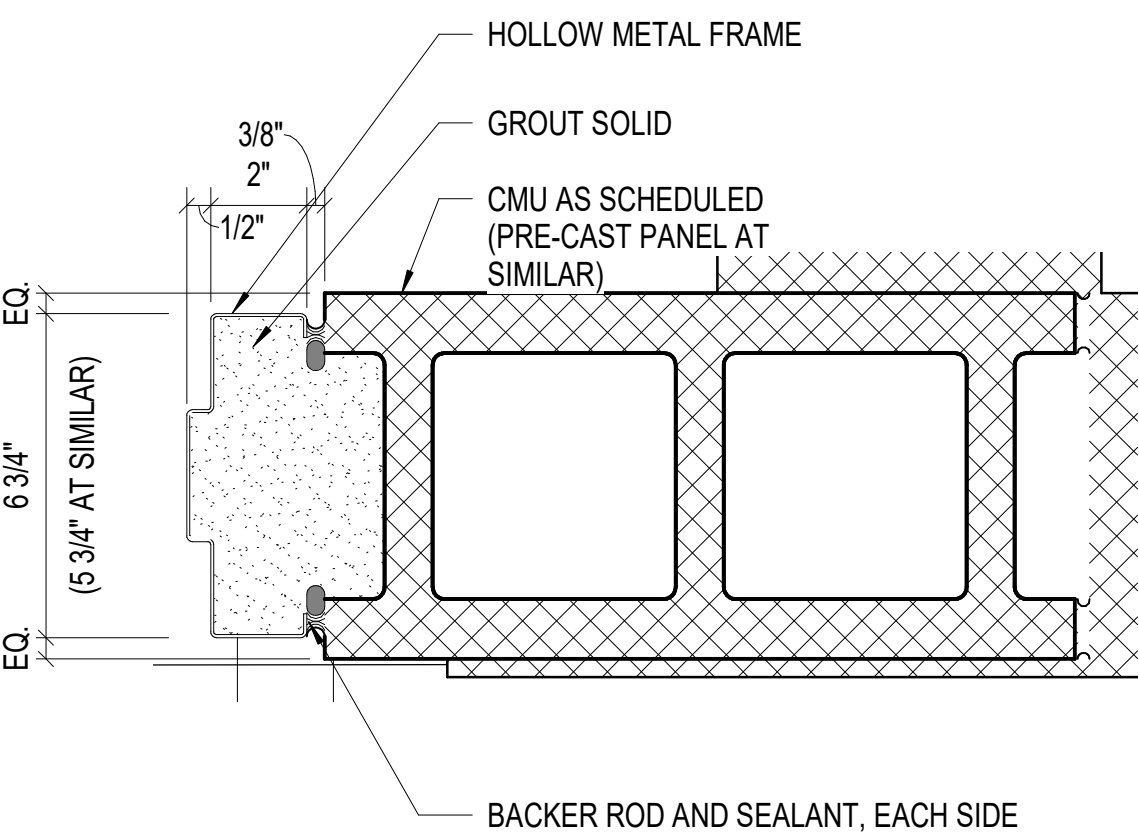
O SERIES PARTITIONS



0C0	FIRE RATING 0 HR	TEST NO. N/A	STC N/A	2X4 FIRE-TREATED WOOD BLOCKING @ 24" O.C.



H1

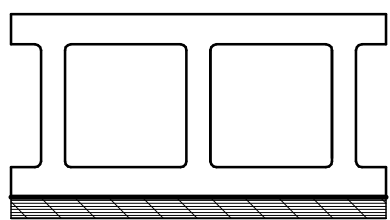


J1

GENERAL PARTITION NOTES

- ALL PARTITIONS EXTEND TO UNDERSIDE OF STRUCTURE UNLESS OTHERWISE NOTED.
- CEILING HEIGHTS AND LOCATION MAY VARY AT PARTITIONS; CONCRETE MASONRY UNITS AND PLYWOOD WILL BE CUT TO MATCH UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.

PARTITION LEGEND



0 M 8 1

PARTITION SERIES (TABLE C)

NOMINAL DEPTH OF MATERIAL (TABLE B)

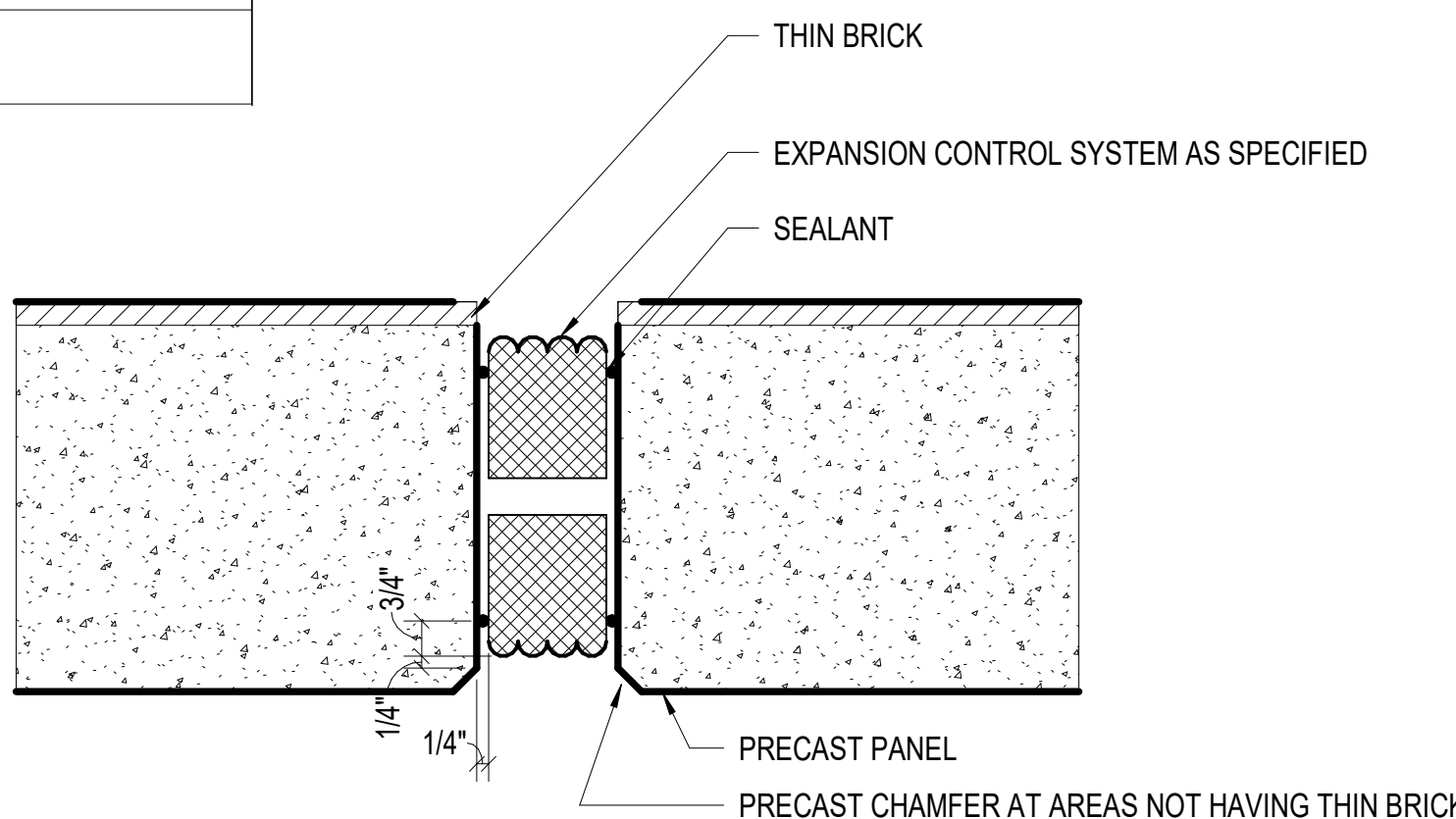
TYPE OF MATERIAL (TABLE A)

FIRE RATING 0=0 HR ; 1=1 HR; 2=2 HR; S=SMOKE

TABLE A - MATERIAL TYPES	
TYPE	MATERIAL
C	3/4" FIRE-TREATED PLYWOOD
M	CONCRETE MASONRY UNIT

TABLE B- FRAMING DEPTH SCHEDULE	
DEPTH OF MATERIAL	
0	2X4 NOMINAL FIRE TREATED WOOD BLOCKING AT 24" O.C., TYPICAL AND SHIMS AS REQUIRED WITH 2" RIGID INSULATION
8	8" NOMINAL CONCRETE MASONRY UNITS - INJECTED WITH FOAM INSULATION

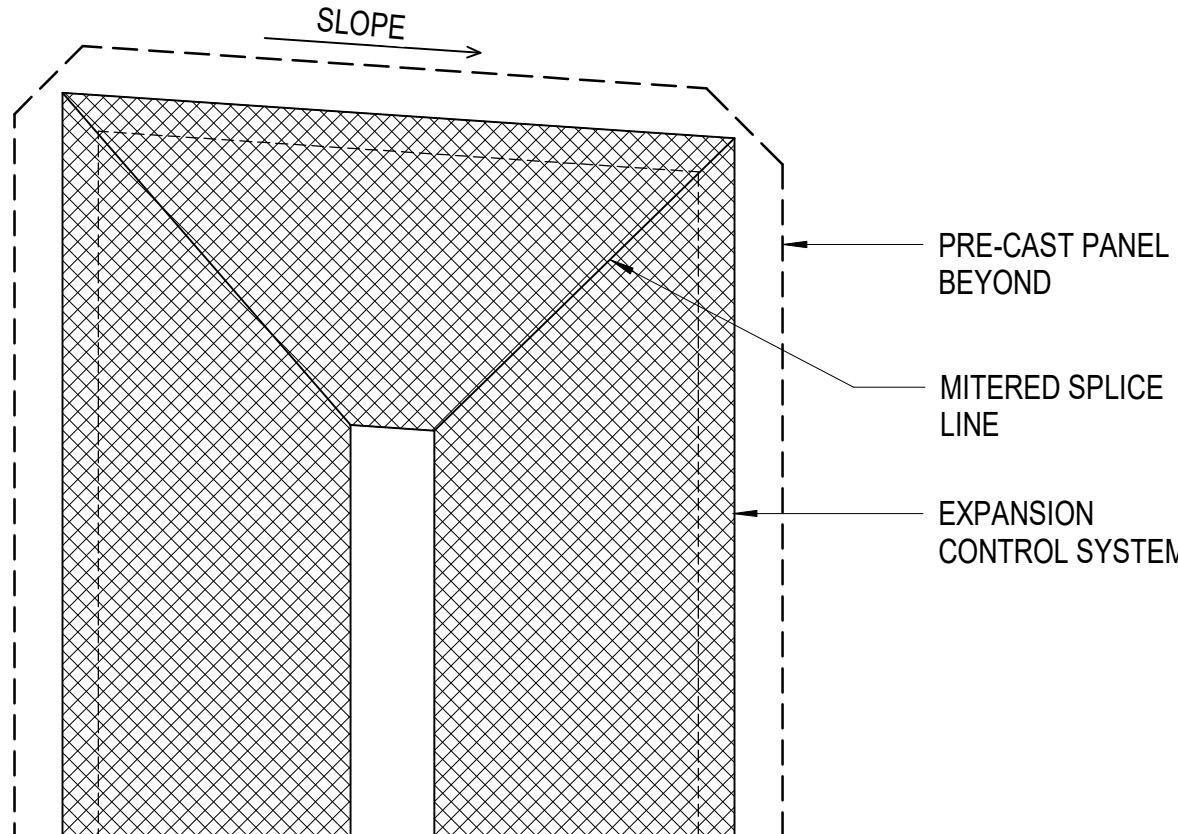
TABLE C - PARTITION SERIES CONSTRUCTION ASSEMBLY	
SERIES	PLYWOOD
1	1- LAYER OF PLYWOOD ON ROOM SIDE OF CMU
2	1- LAYER OF PLYWOOD ON EACH SIDE OF CMU



NOTE: REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION

EXPANSION CONTROL SYSTEM - PLAN VIEW

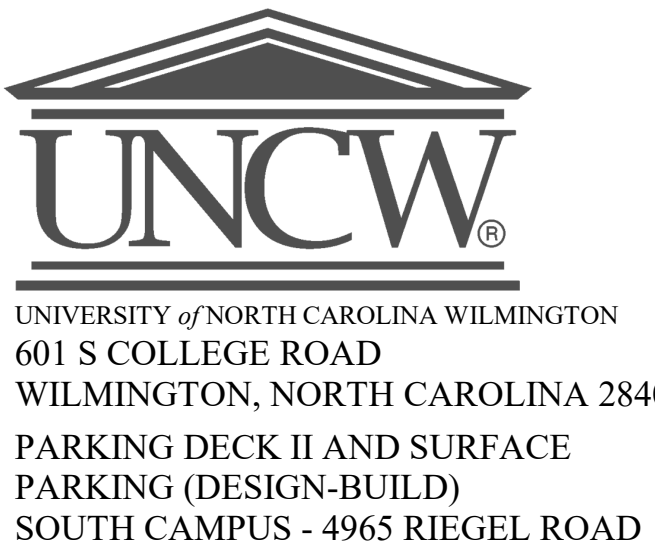
3" = 1'-0"



REFER TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION

SECTION VIEW TOP OF PRECAST - EXPANSION CONTROL SYSTEM

NOT TO SCALE



SCO ID NUMBER: 18-19226-01A
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CONTRACTOR
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CLARK NEXSEN LICENSE NUMBER: C-1028



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PROFESSIONAL SEAL



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL

04/15/2019

CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET

DOOR SCHEDULE, PARTITION
TYPES AND DETAILS

G101

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

CN 8112

KEY PLAN

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

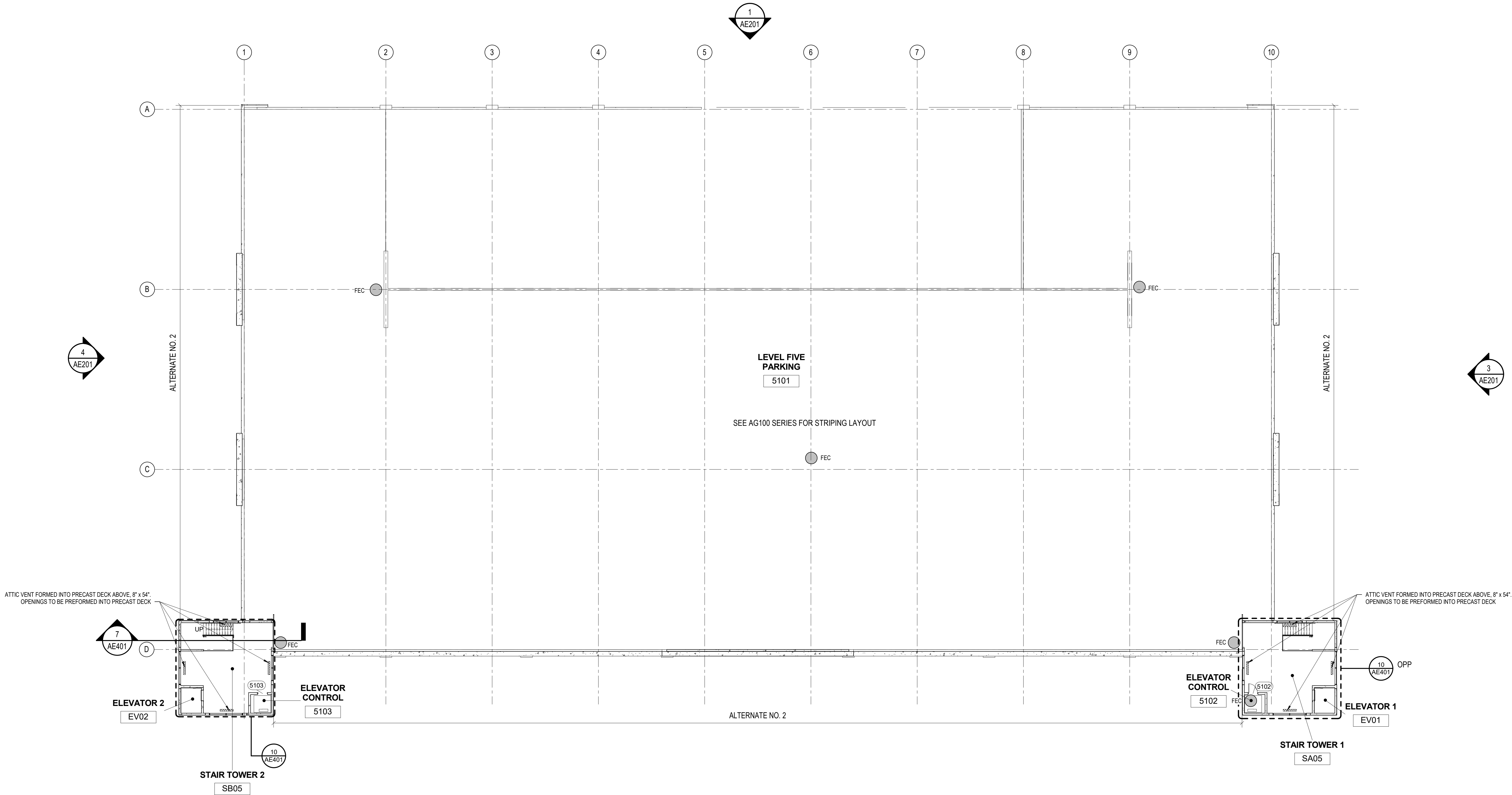
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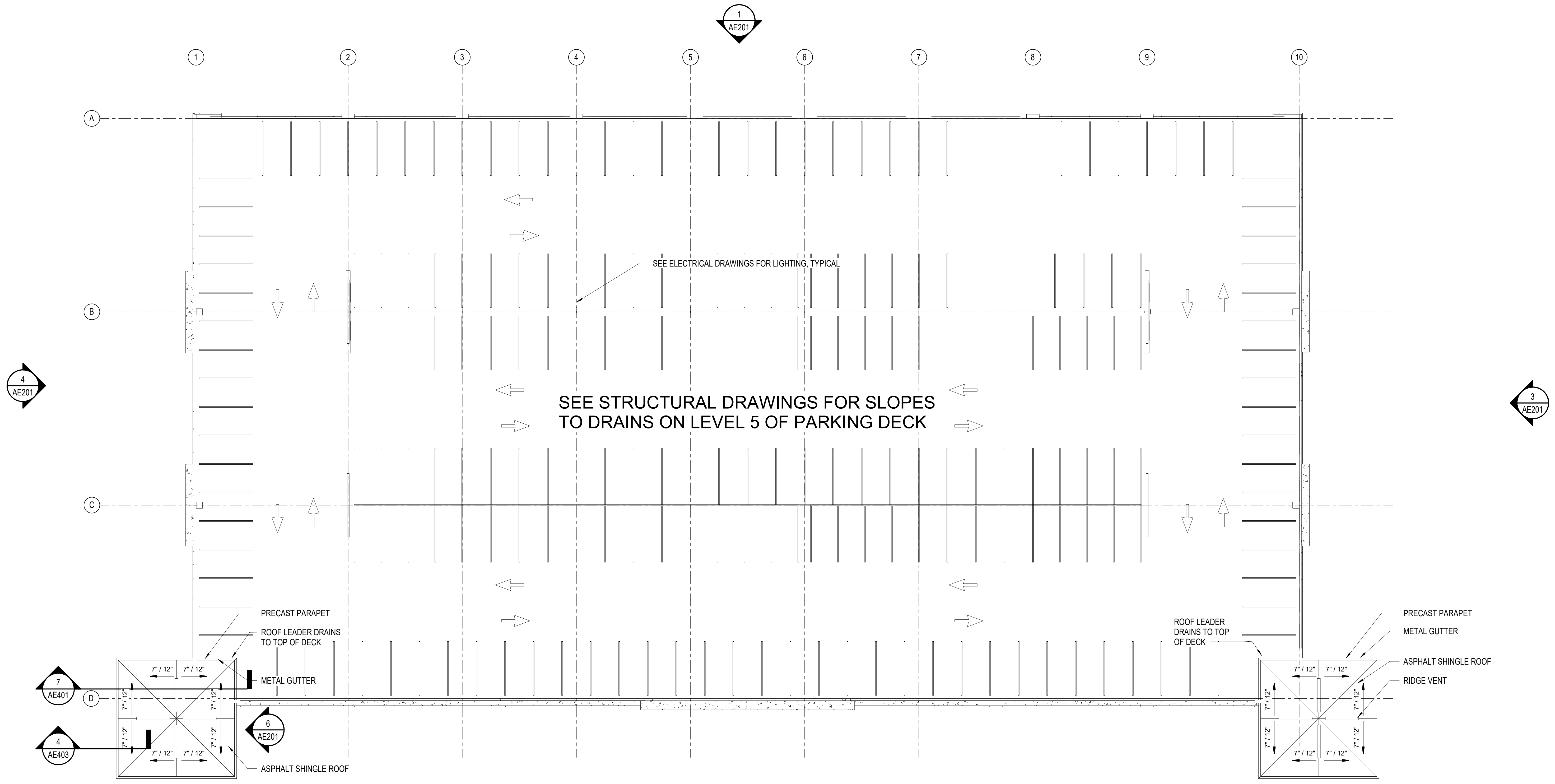
REVISIONS	



1 LEVEL FIVE PLAN
1/16" = 1'-0"

NOTE: THERE ARE NO RATED
PARTITIONS WITHIN STRUCTURE

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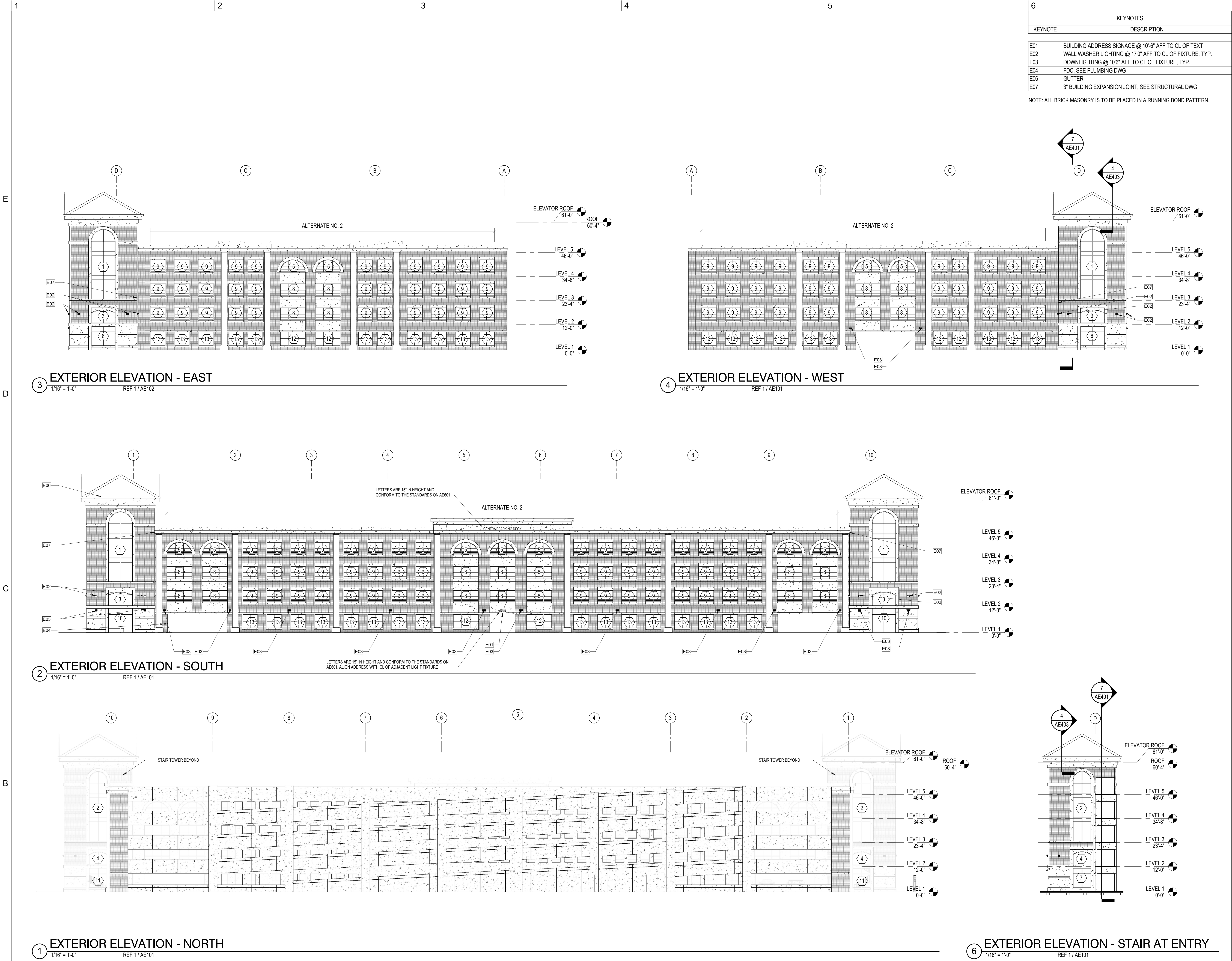


1 ROOF PLAN
1/16" = 1'-0"

REVISIONS	

KEY PLAN

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KEYNOTES	
KEYNOTE	DESCRIPTION
E01	BUILDING ADDRESS SIGNAGE @ 10'-6" AFF TO CL OF TEXT
E02	WALL WASHER LIGHTING @ 17'0" AFF TO CL OF FIXTURE, TYP.
E03	DOWNLIGHTING @ 10'6" AFF TO CL OF FIXTURE, TYP.
E04	FDC, SEE PLUMBING DWG
E06	GUTTER
E07	3" BUILDING EXPANSION JOINT, SEE STRUCTURAL DWG

NOTE: ALL BRICK MASONRY IS TO BE PLACED IN A RUNNING BOND PATTERN.



UNIVERSITY of NORTH CAROLINA WILMINGTON
601 S COLLEGE ROAD
WILMINGTON, NORTH CAROLINA 28403
PARKING DECK II AND SURFACE
PARKING (DESIGN-BUILD)
SOUTH CAMPUS - 4965 RIEGEL ROAD

SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR

Balfour Beatty Construction

DESIGNER

CLARK NEXSEN
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CLARK NEXSEN LICENSE NUMBER: C-1028



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PROFESSIONAL SEAL



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL

04/15/2019

CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET

EXTERIOR ELEVATIONS

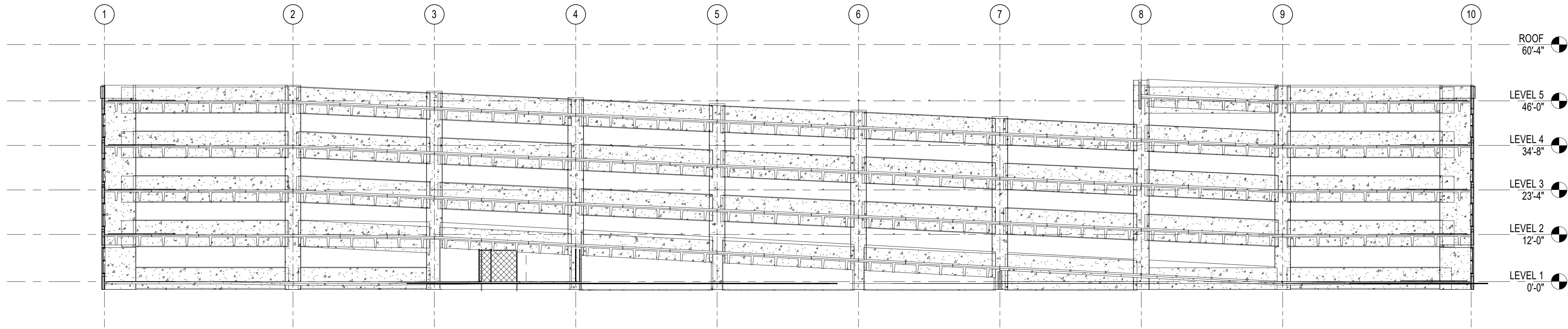
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DRAWN: Author
REVIEW: Checker

AE201

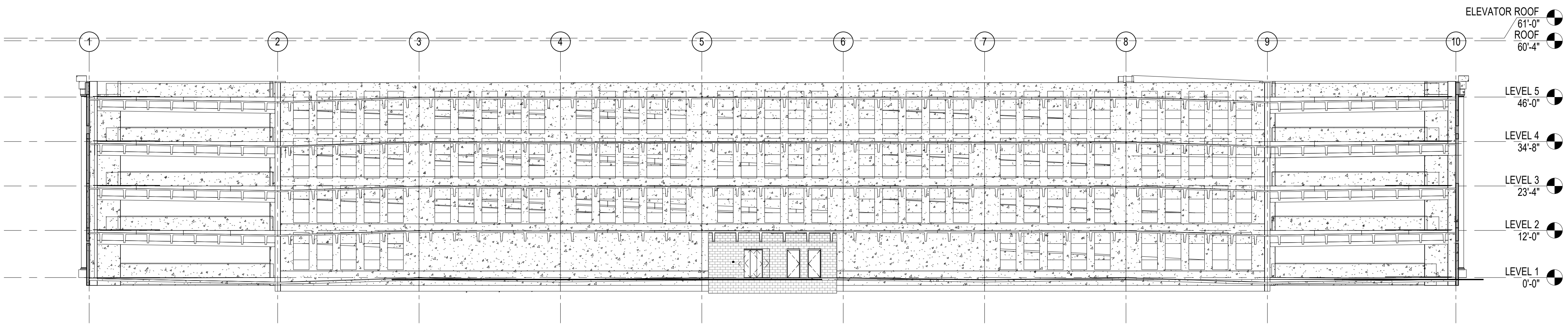
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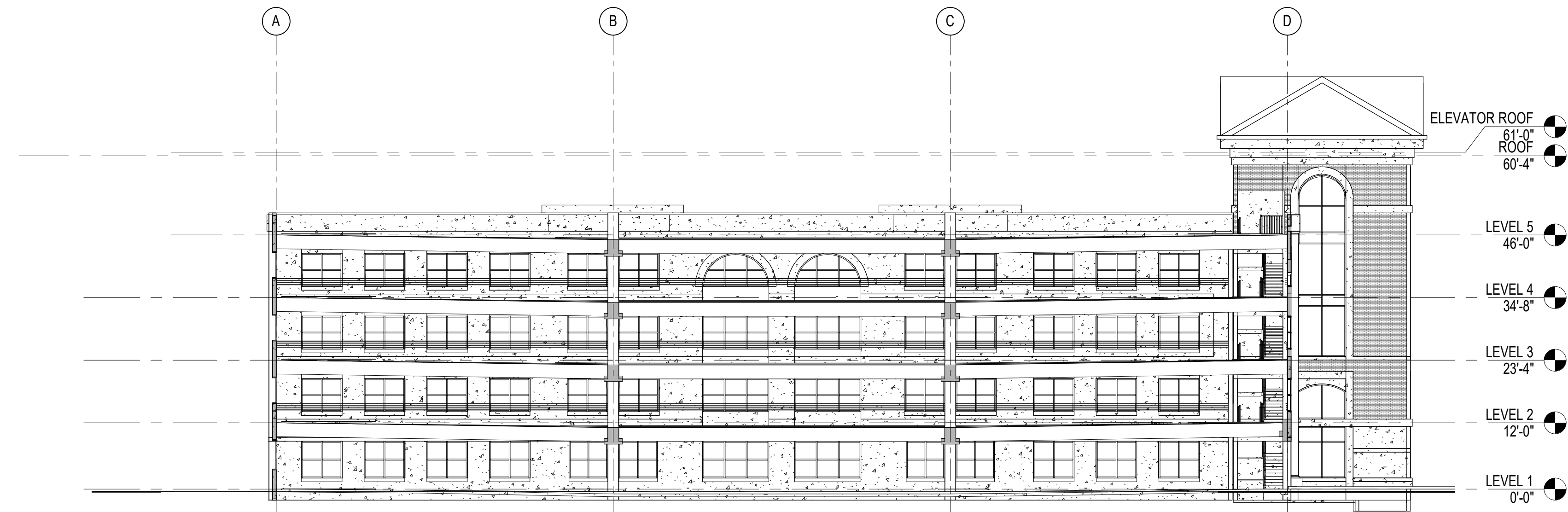
1
E
D
C
B
A



3 LONGITUDINAL BUILDING SECTION BETWEEN COL. LINES A AND B - LOOKING NORTH
1/16" = 1'-0"



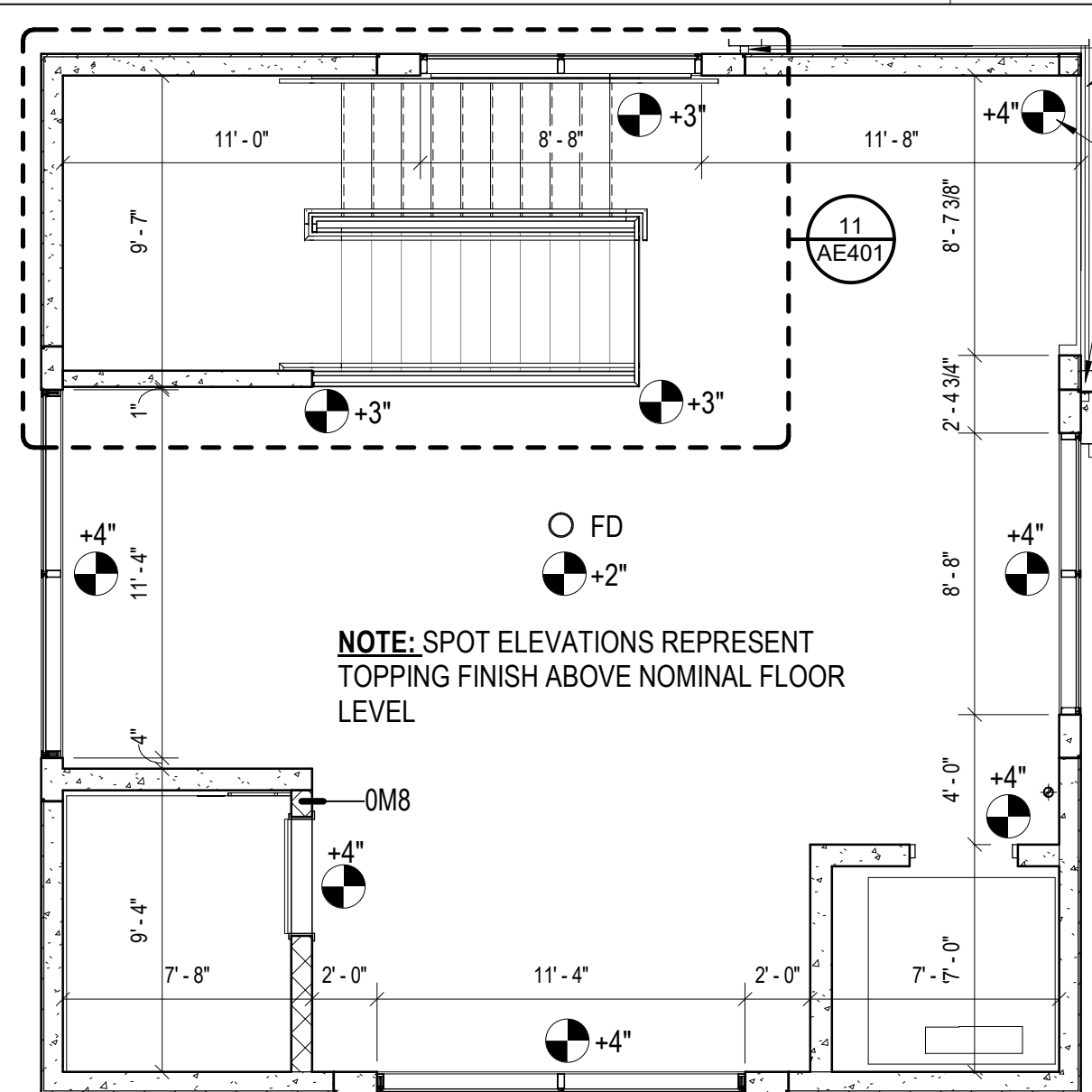
2 LONGITUDINAL BUILDING SECTION BETWEEN COL. LINE B AND C - LOOKING NORTH
1/16" = 1'-0"



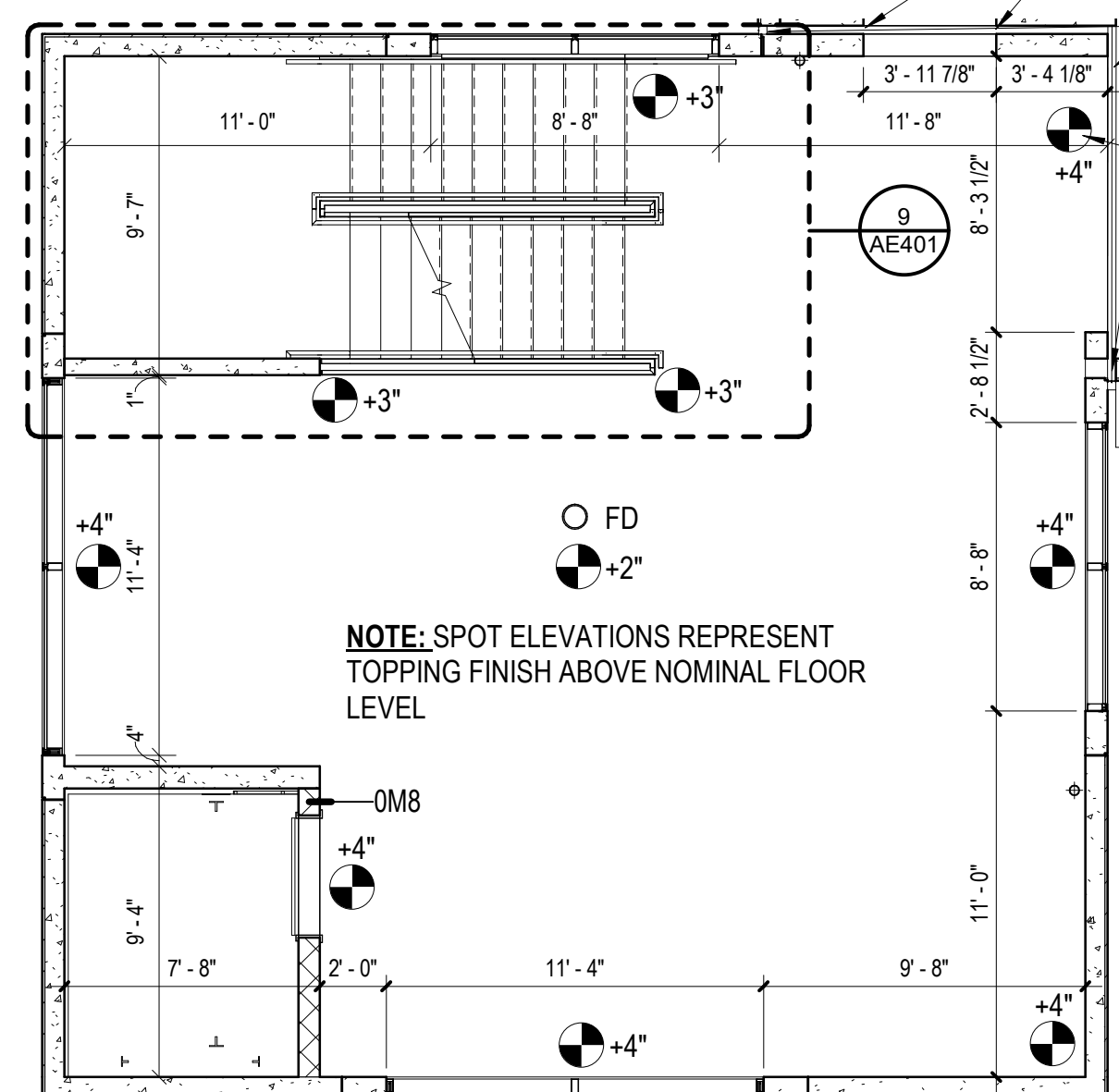
1 LATITUDINAL BUILDING SECTION BETWEEN COL. LINES 9 AND 10 - LOOKING EAST
1/16" = 1'-0"

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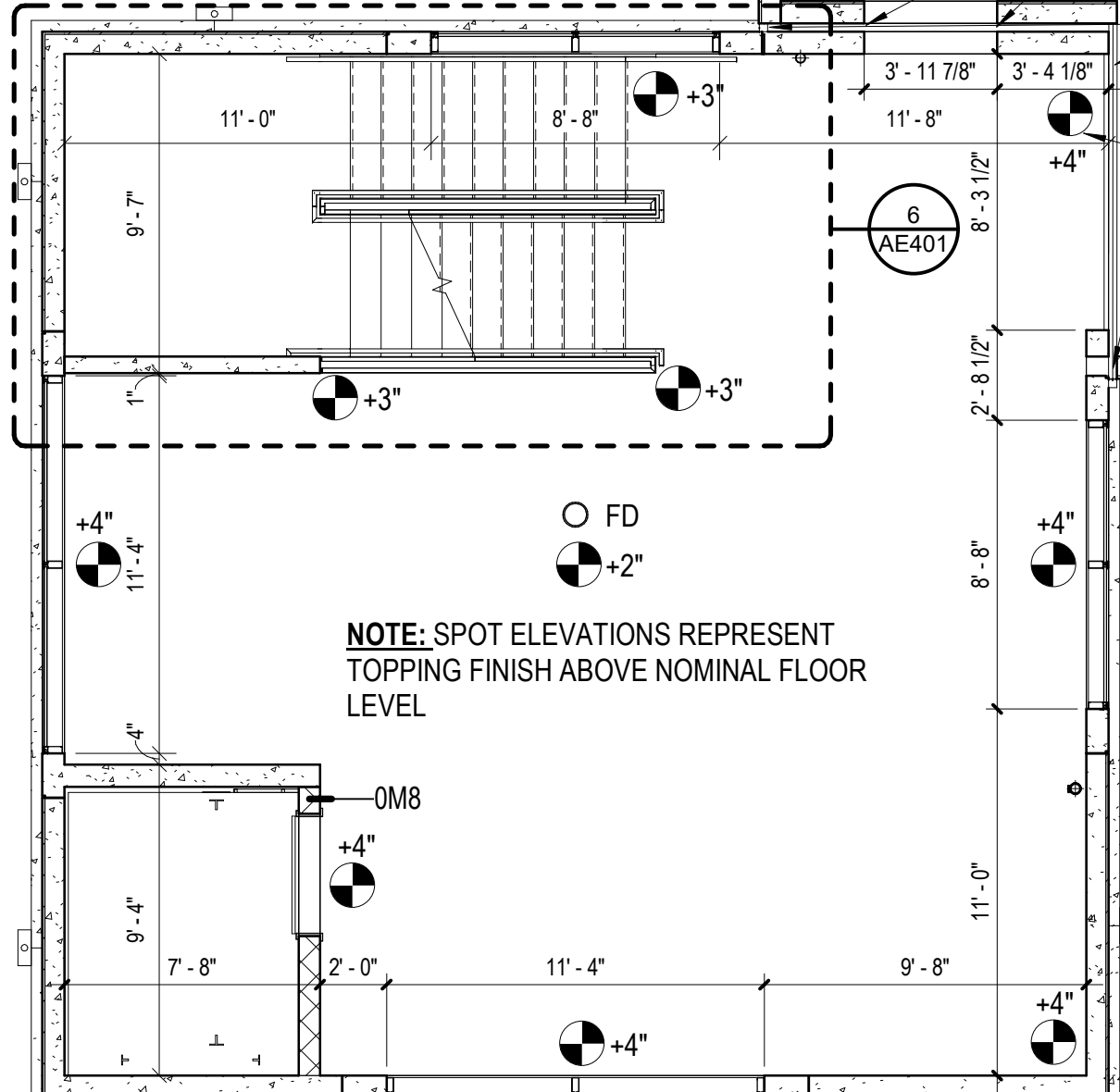
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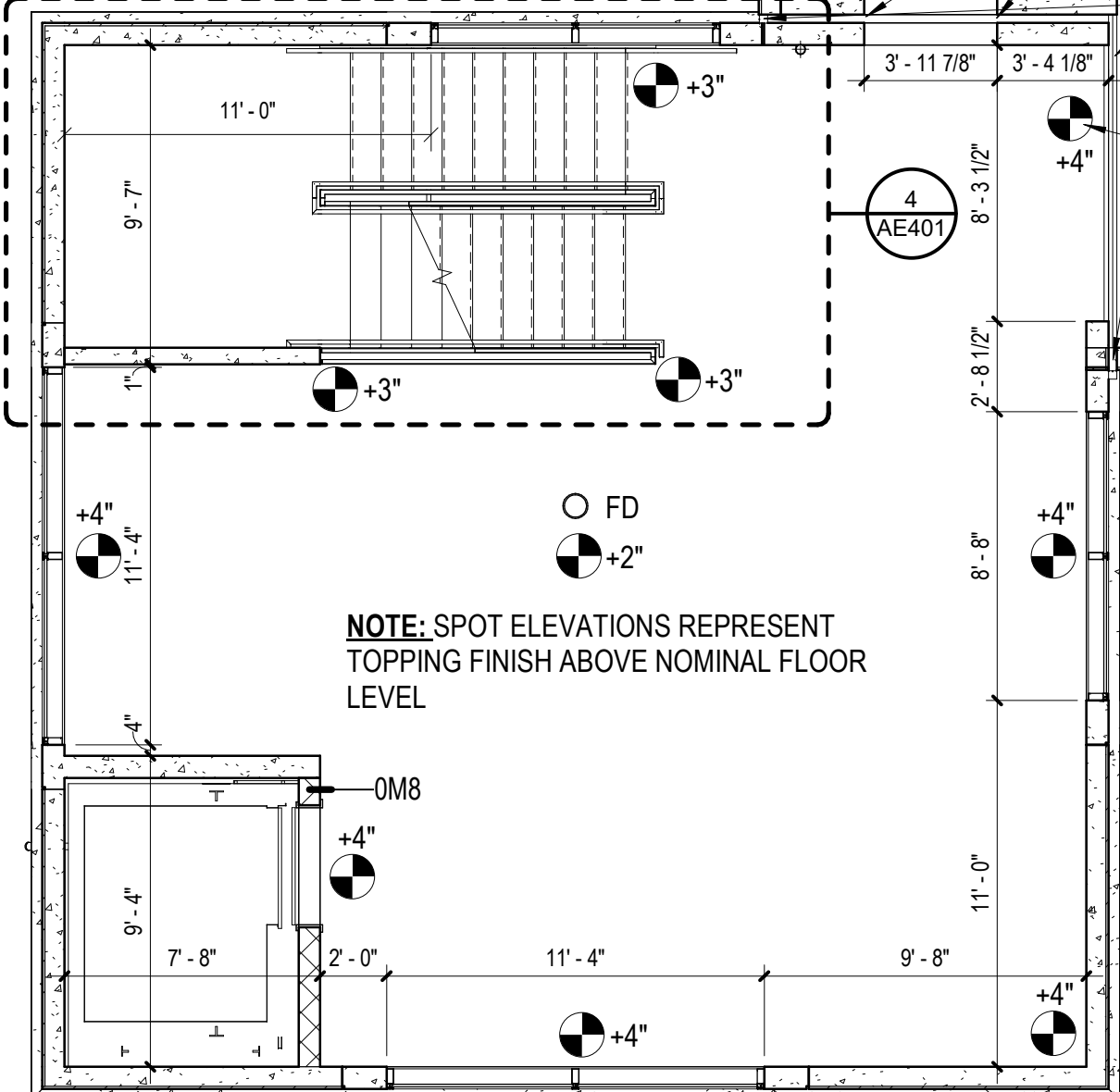
10 WEST TOWER PLAN - LEVEL 5
3/16" = 1'-0"



8 WEST TOWER PLAN - LEVEL 4
3/16" = 1'-0"

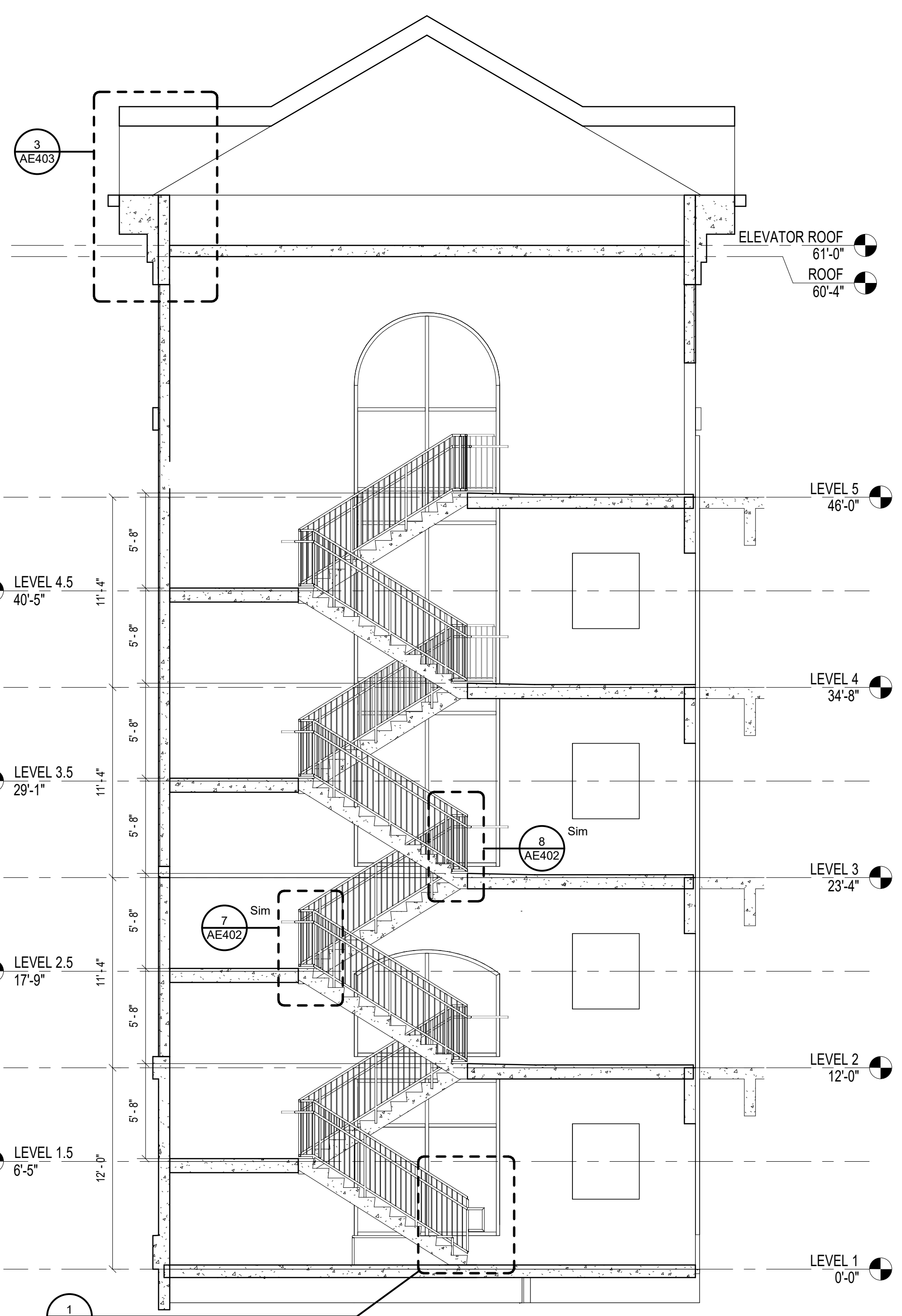


5 WEST TOWER PLAN - LEVEL 3
3/16" = 1'-0"

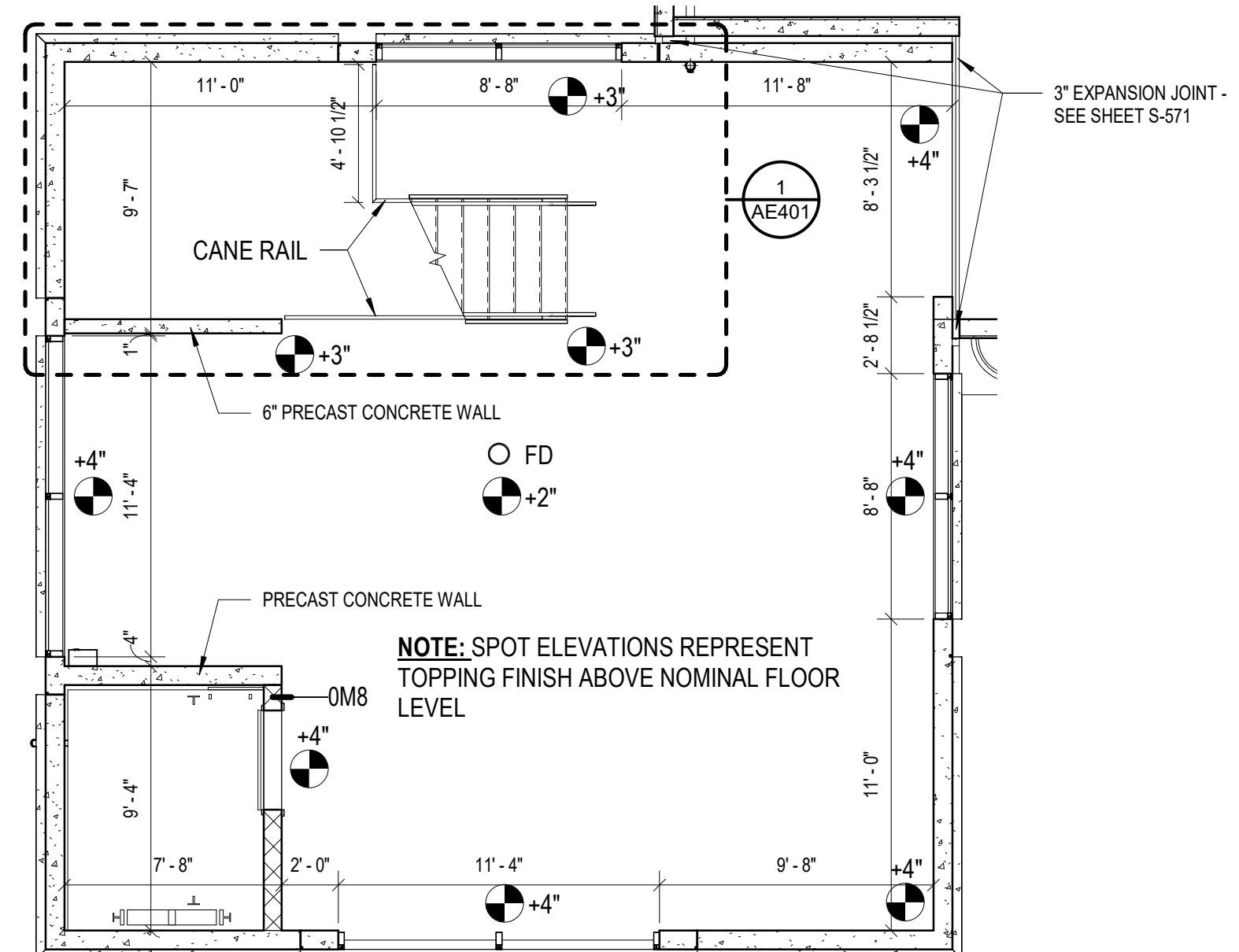


3 WEST TOWER PLAN - LEVEL 2
3/16" = 1'-0"

3" EXPANSION JOINT - SEE SHEET S-571
COORDINATE FINAL ELEVATION WITH PRECAST TEES
3" EXPANSION JOINT @ SANDWICHED OPENING - SEE G101, ALL 4 SIDES OF OPENING TO HAVE EXPANSION JOINT, TYPICAL
3" EXPANSION JOINT - SEE SHEET S-571
COORDINATE FINAL ELEVATION WITH PRECAST TEES
3" EXPANSION JOINT @ SANDWICHED OPENING - SEE G101, ALL 4 SIDES OF OPENING TO HAVE EXPANSION JOINT, TYPICAL
3" EXPANSION JOINT - SEE SHEET S-571
COORDINATE FINAL ELEVATION WITH PRECAST TEES
3" EXPANSION JOINT @ SANDWICHED OPENING - SEE G101, ALL 4 SIDES OF OPENING TO HAVE EXPANSION JOINT, TYPICAL
3" EXPANSION JOINT - SEE SHEET S-571
COORDINATE FINAL ELEVATION WITH PRECAST TEES

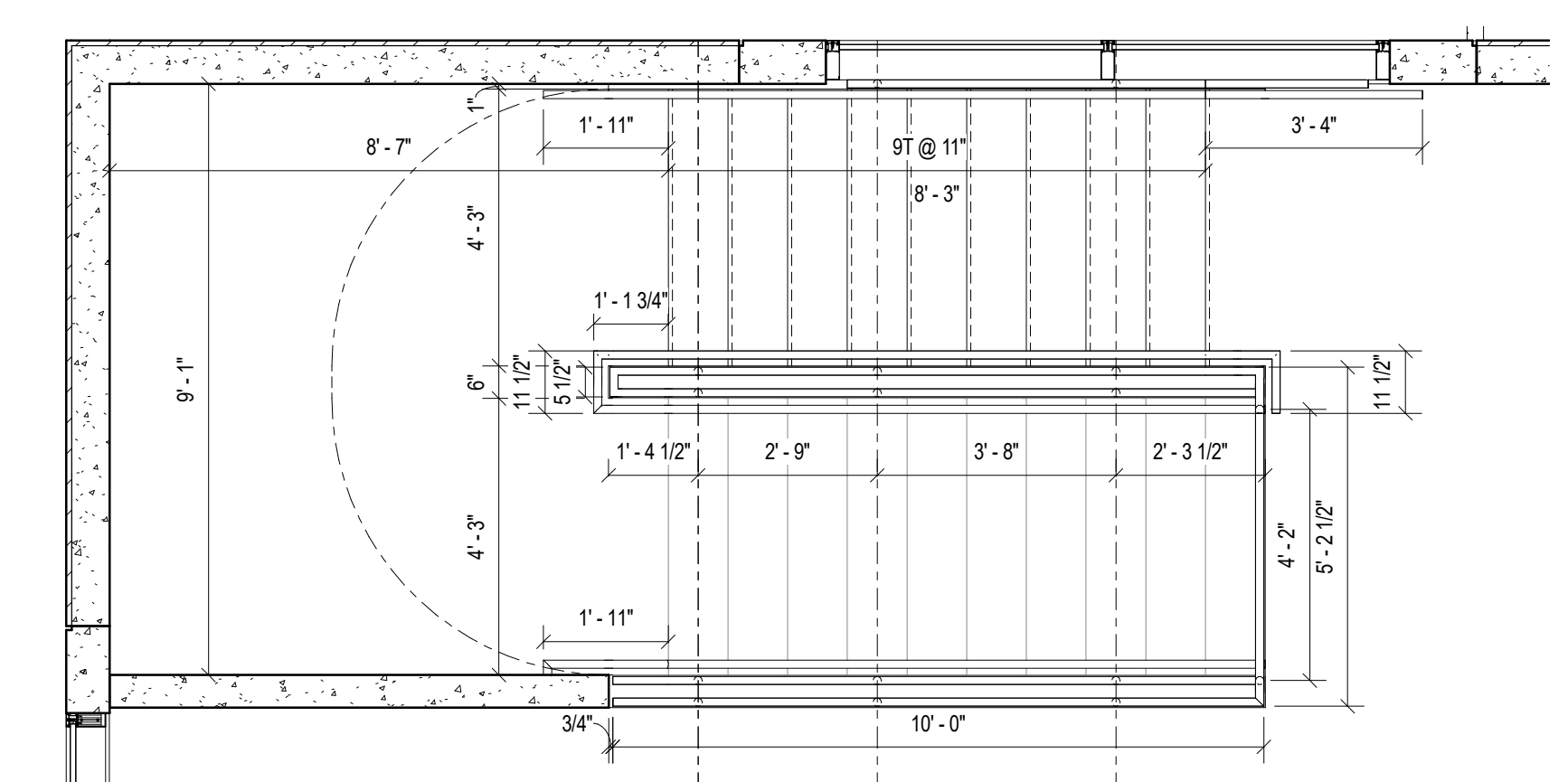


7 WEST STAIR TOWER SECTION
3/16" = 1'-0"

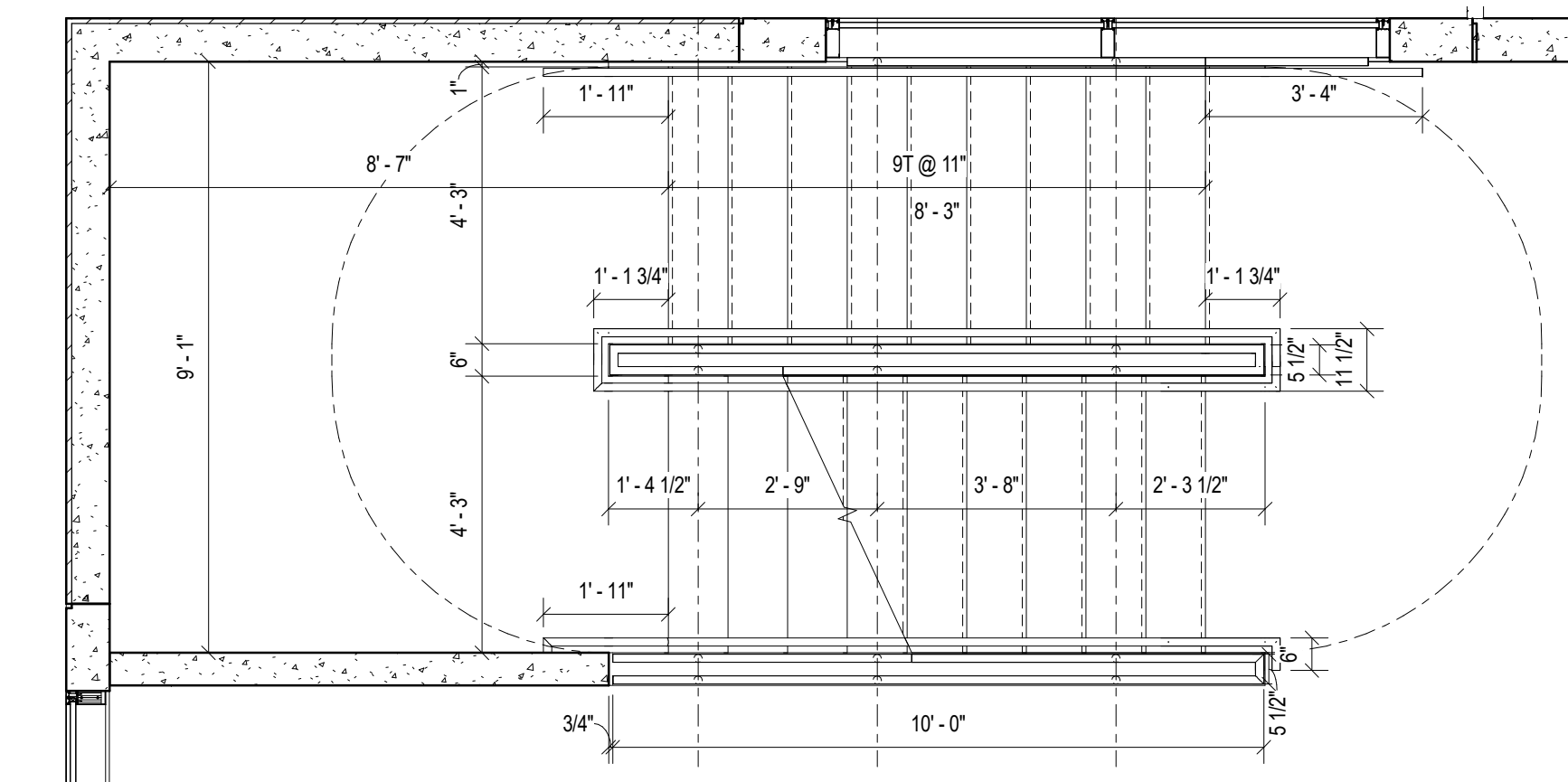


2 WEST TOWER PLAN - LEVEL 1
3/16" = 1'-0"

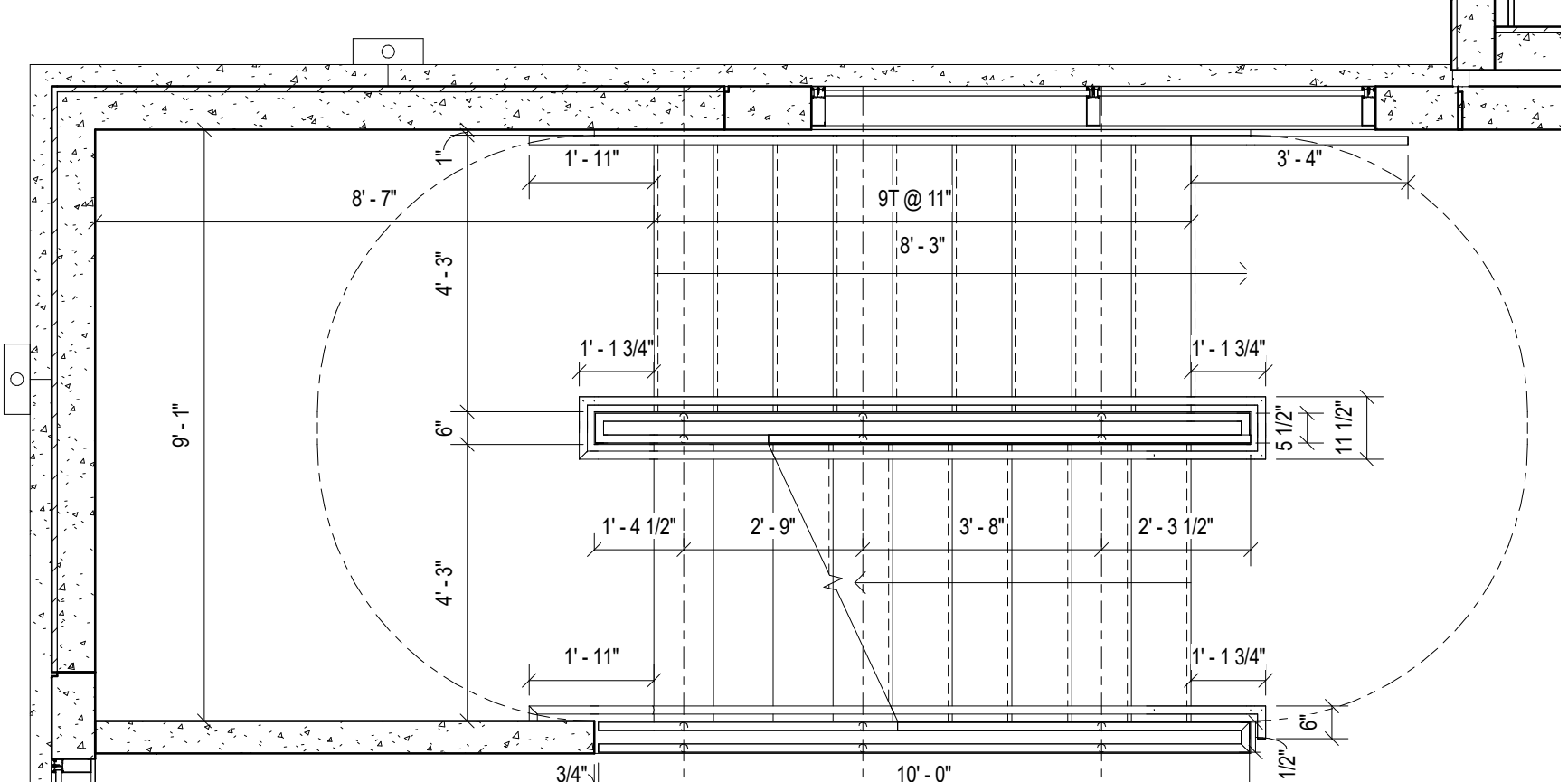
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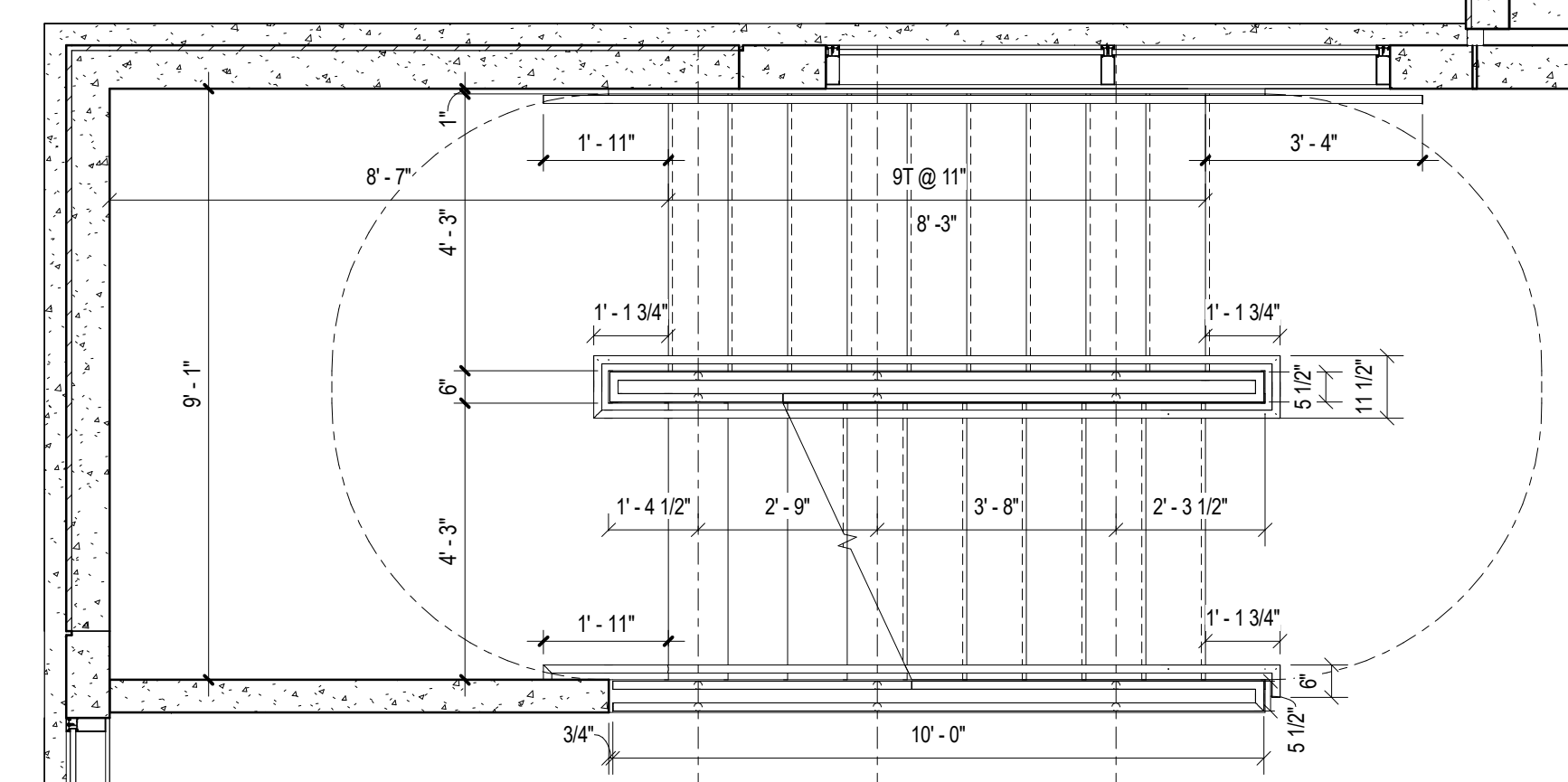
11 WEST TOWER STAIR - LEVEL 5
3/8" = 1'-0"



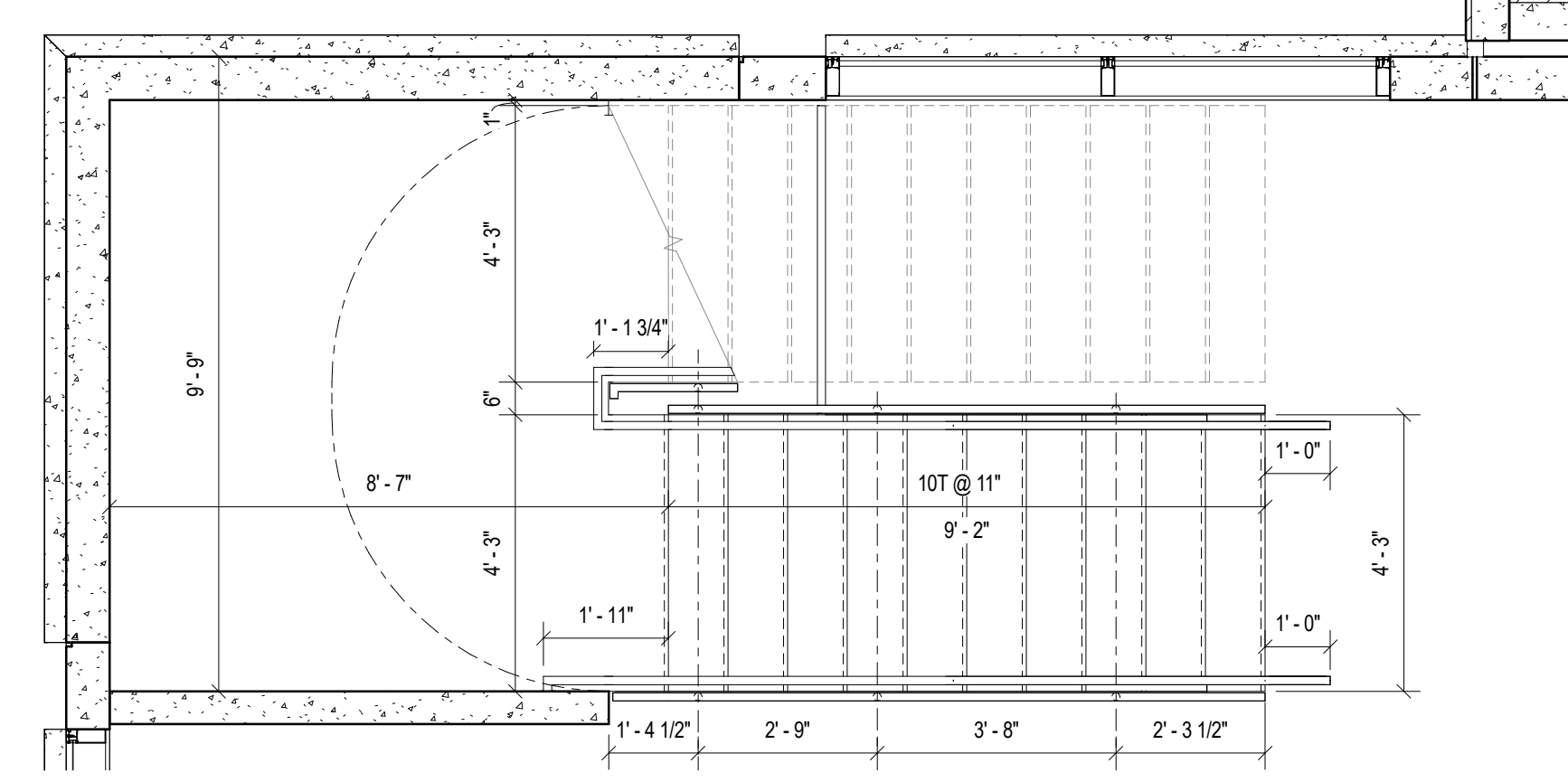
9 WEST TOWER STAIR - LEVEL 4
3/8" = 1'-0"



6 WEST TOWER STAIR - LEVEL 3
3/8" = 1'-0"



4 WEST TOWER STAIR - LEVEL 2
3/8" = 1'-0"



1 WEST TOWER STAIR - LEVEL 1
3/8" = 1'-0"

REVISIONS

4/15/2019 5:45:16 PM
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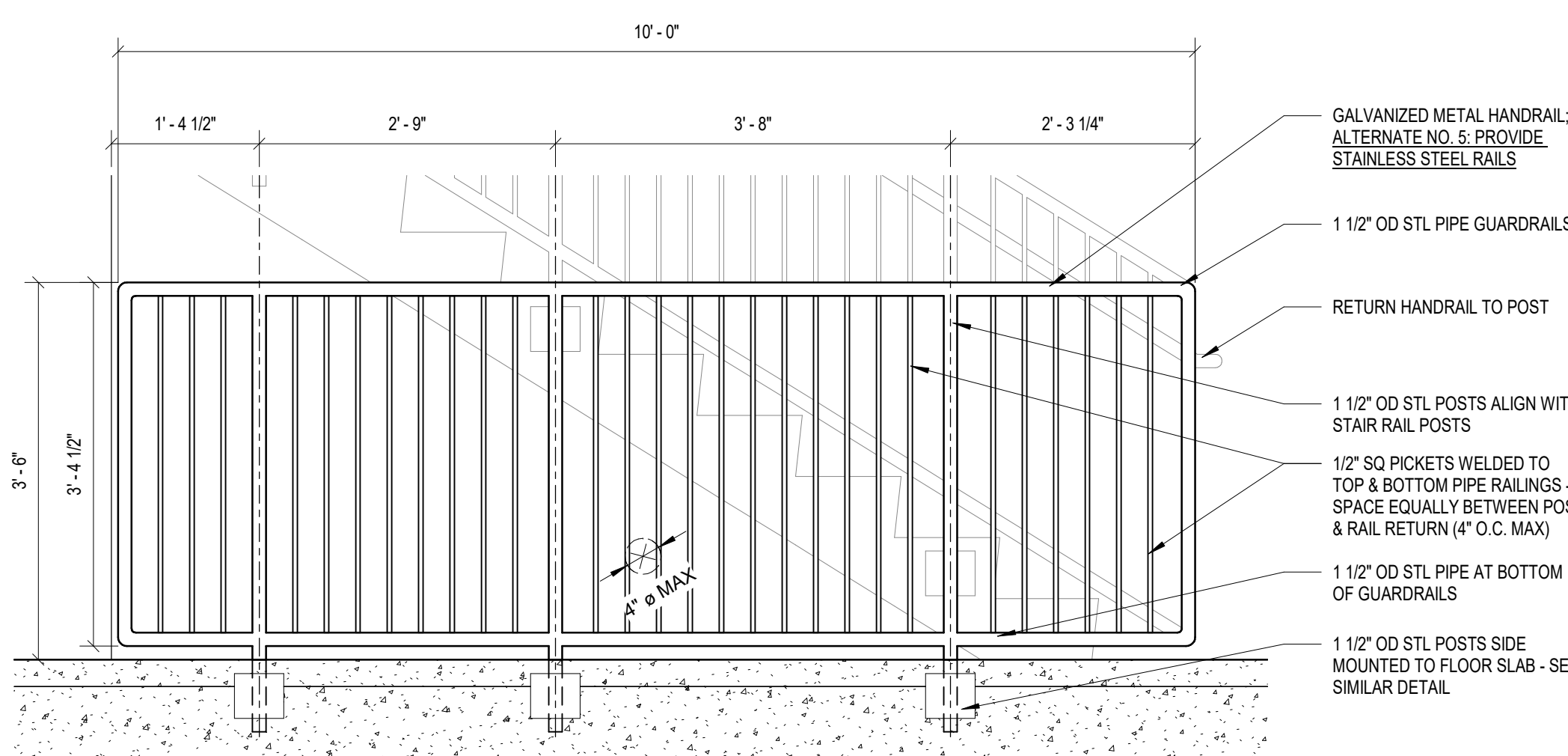
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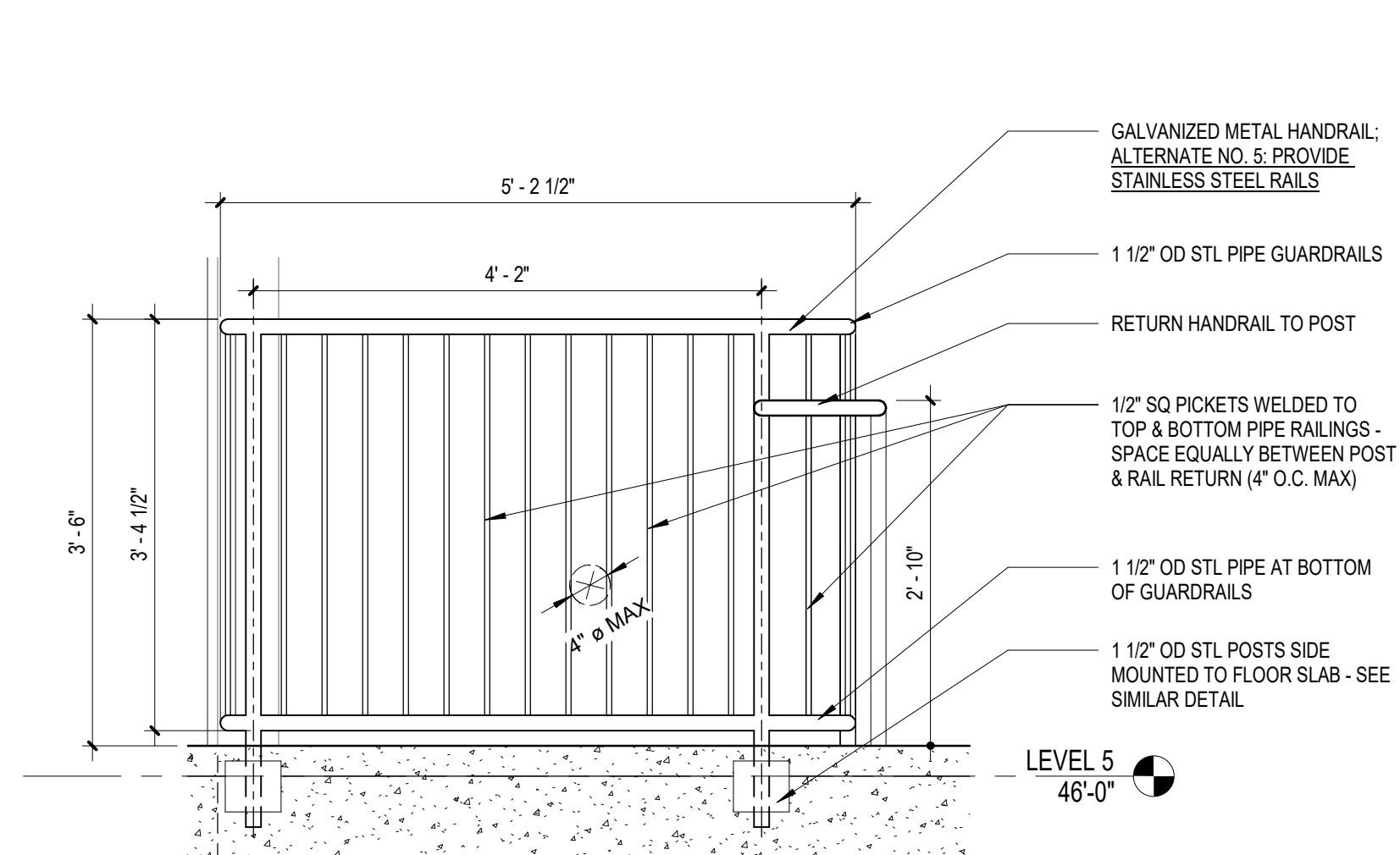
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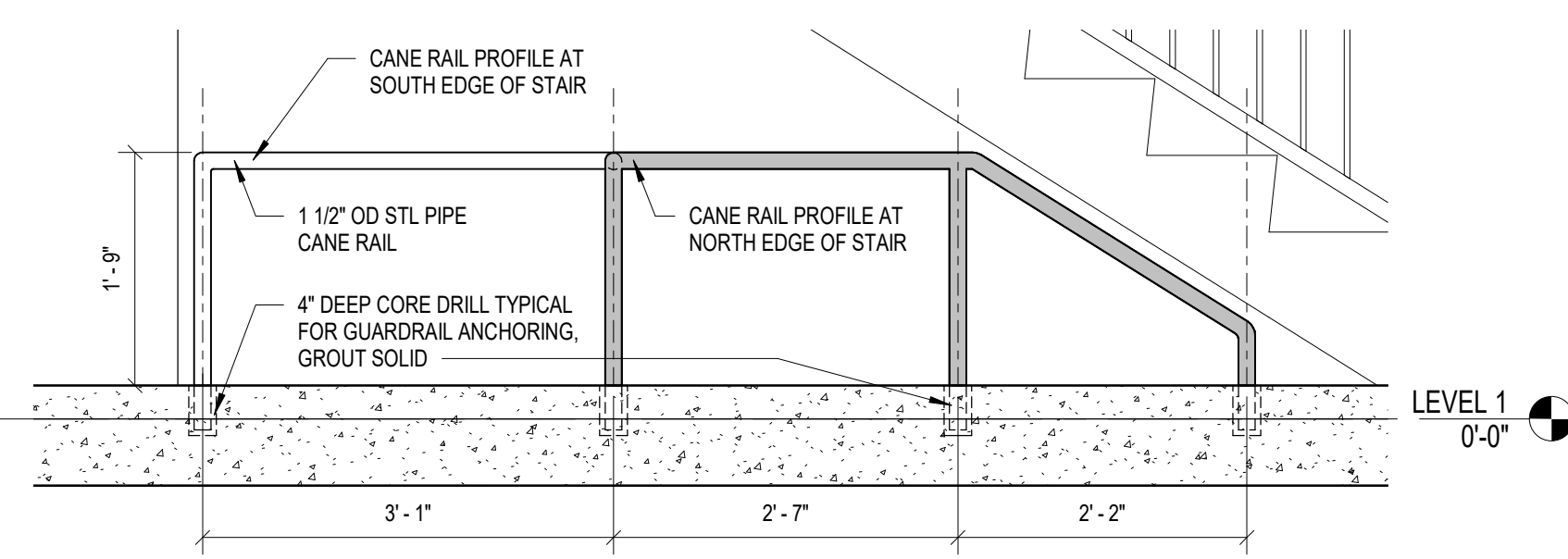
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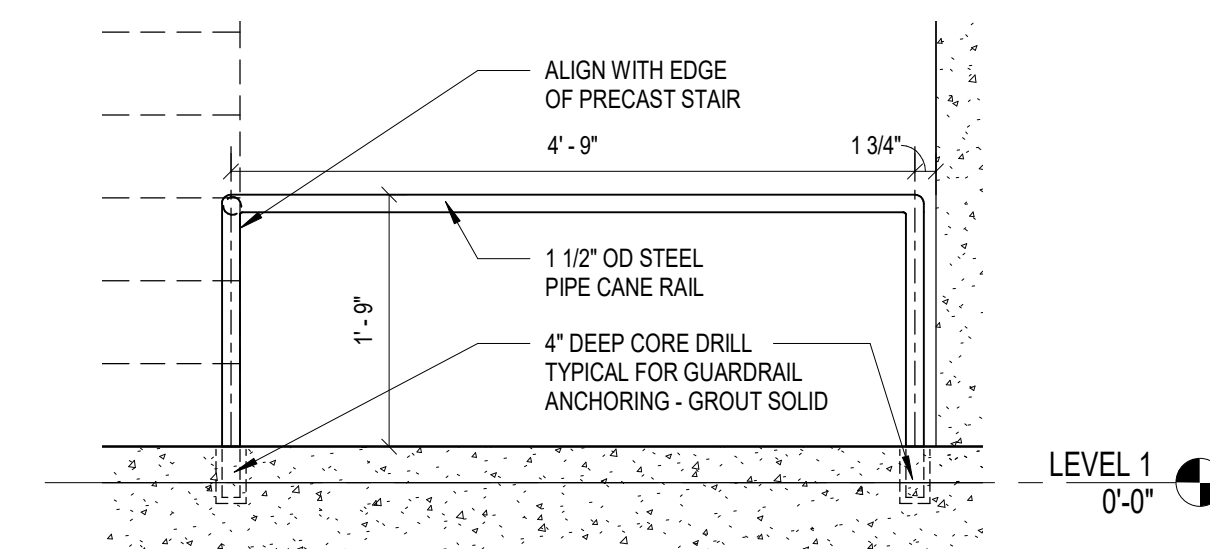
8 TYPICAL GUARDRAIL AT LANDING
3/4" = 1'-0"



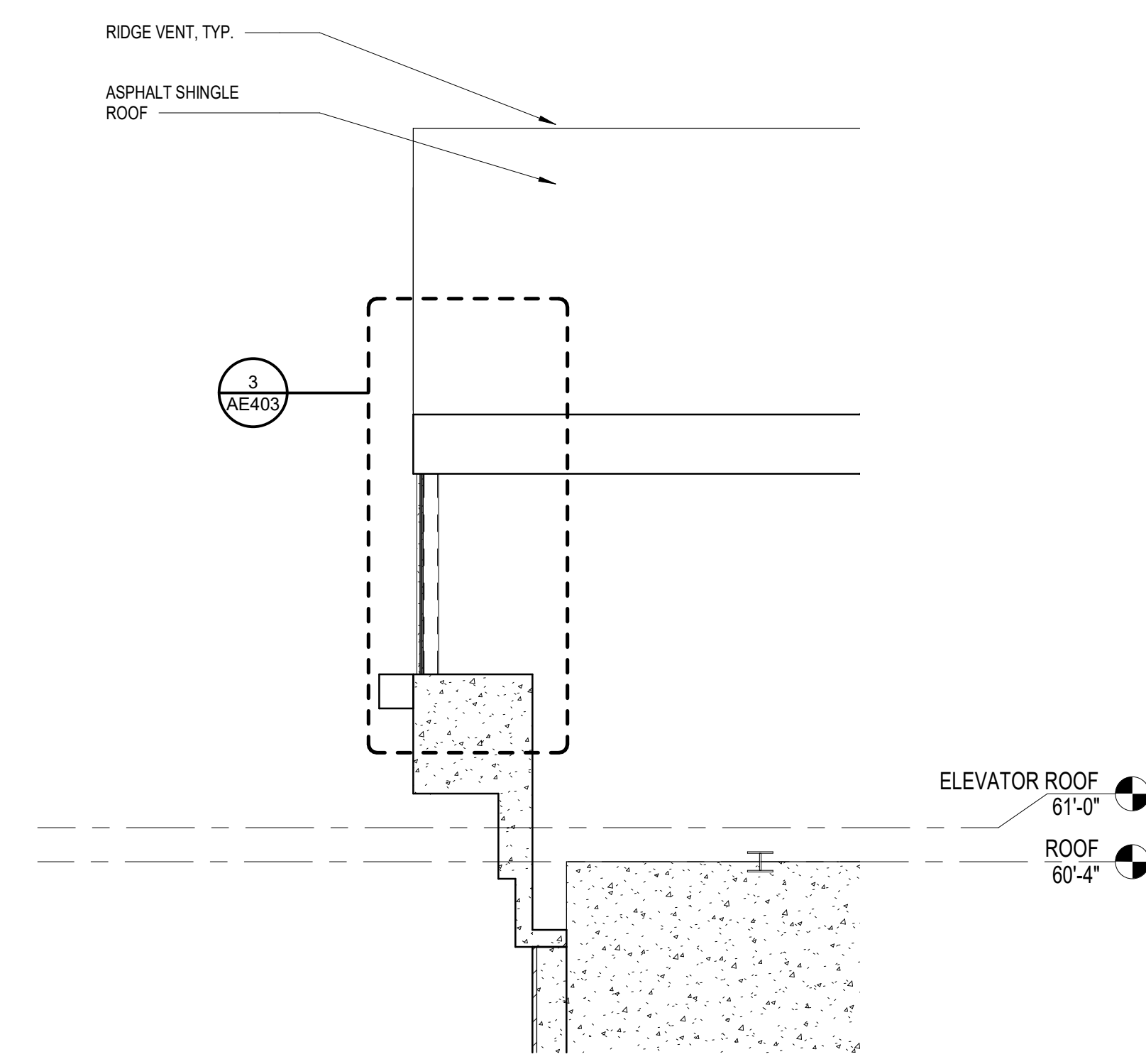
7 SHORT GUARDRAIL AT LEVEL 5
3/4" = 1'-0"



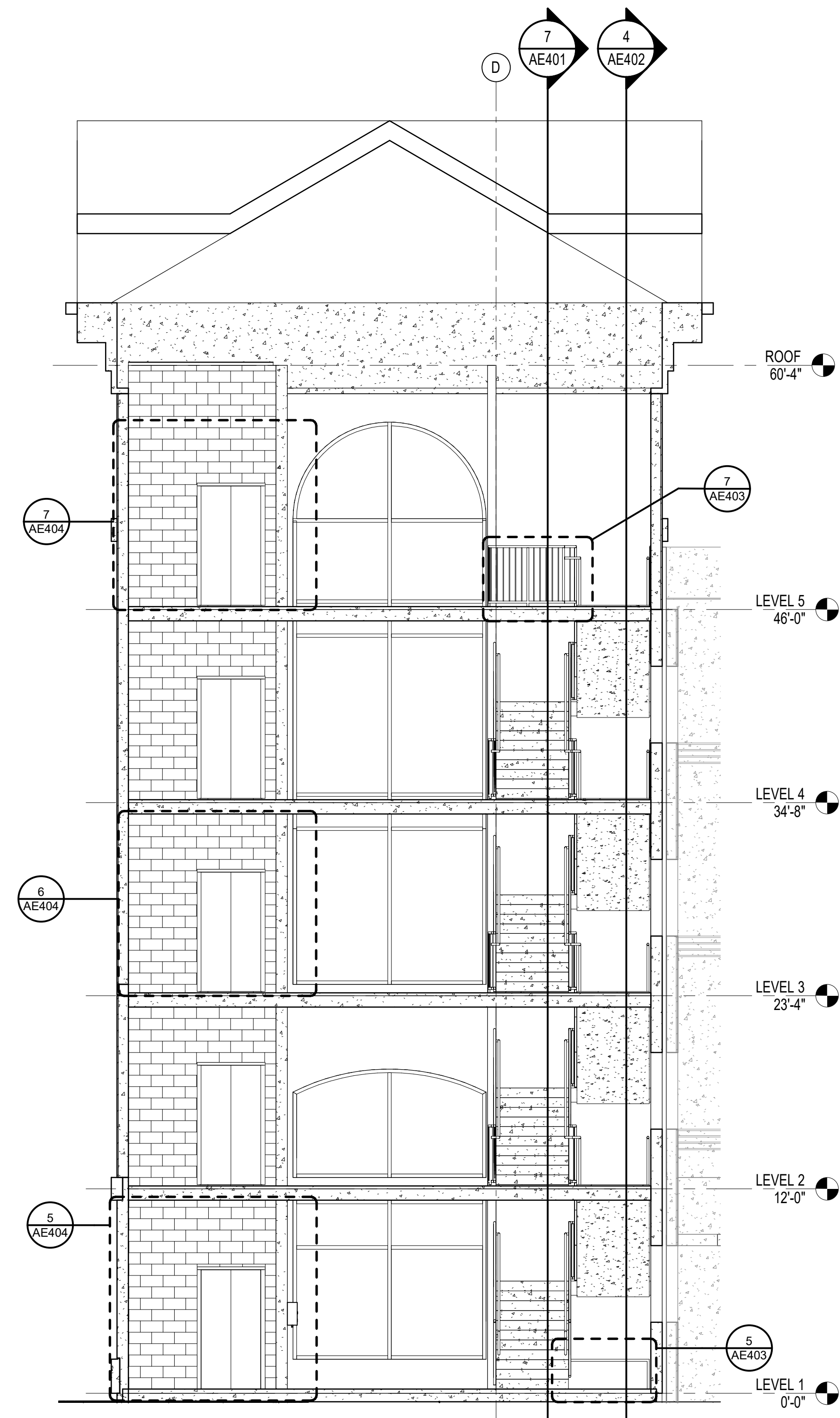
6 CANE RAIL AT STAIR
3/4" = 1'-0"



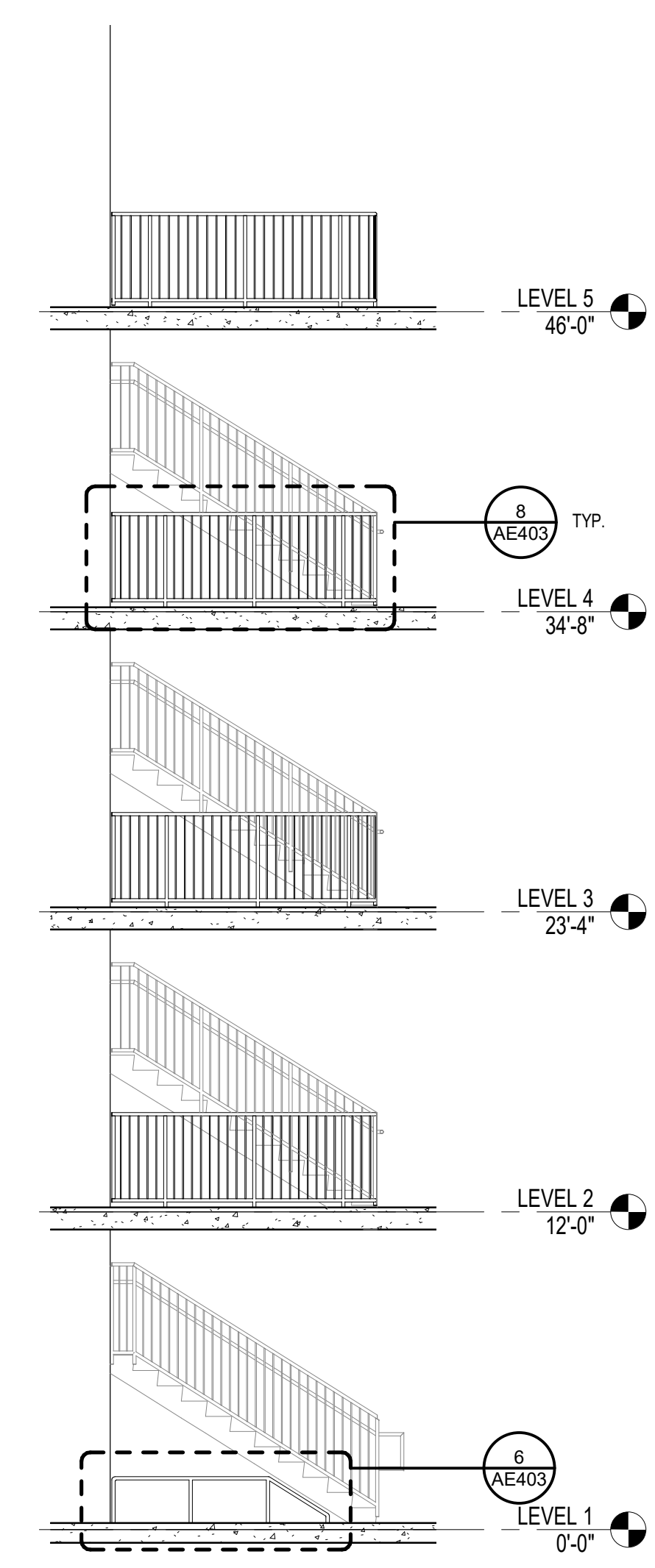
5 CANE RAIL AT PRECAST
3/4" = 1'-0"



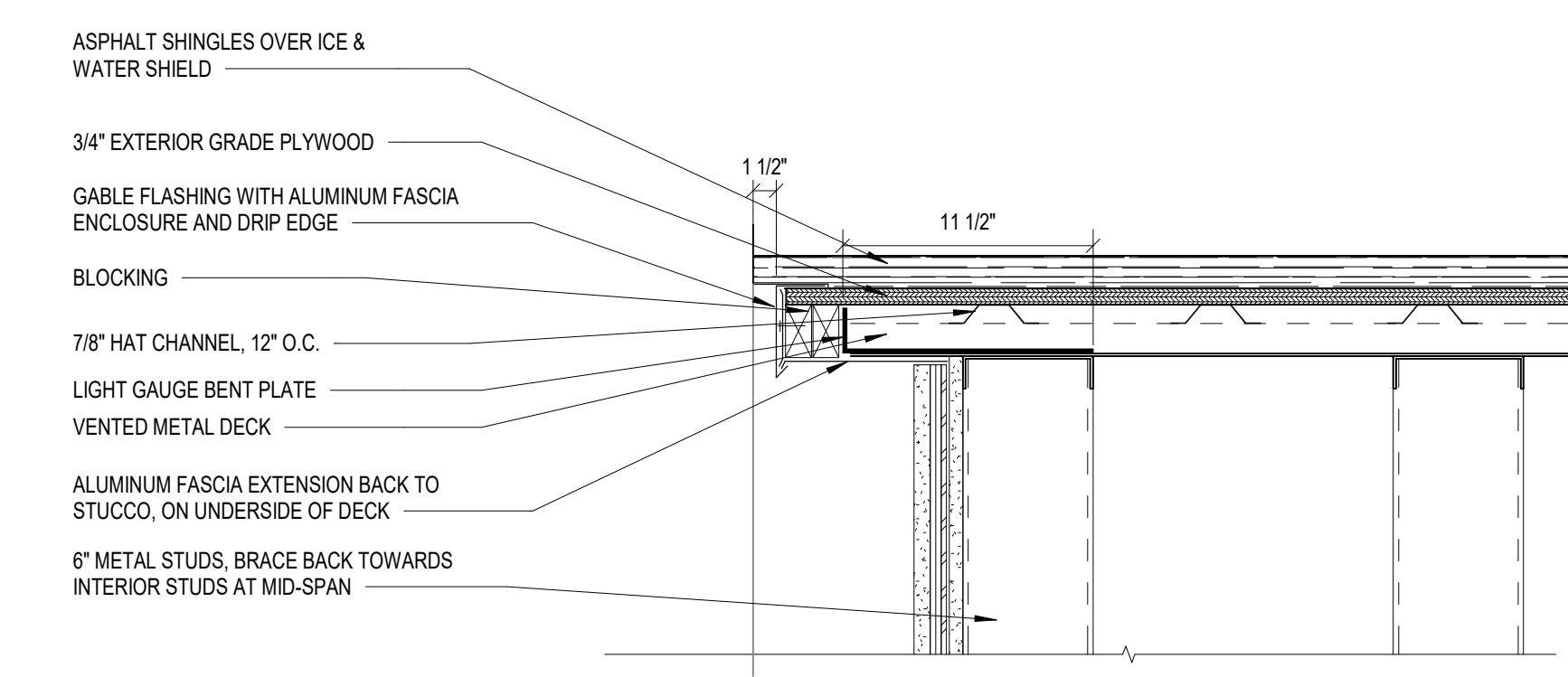
4 SECTION @ STAIR TOWER
3/8" = 1'-0" REF 1 / AE104



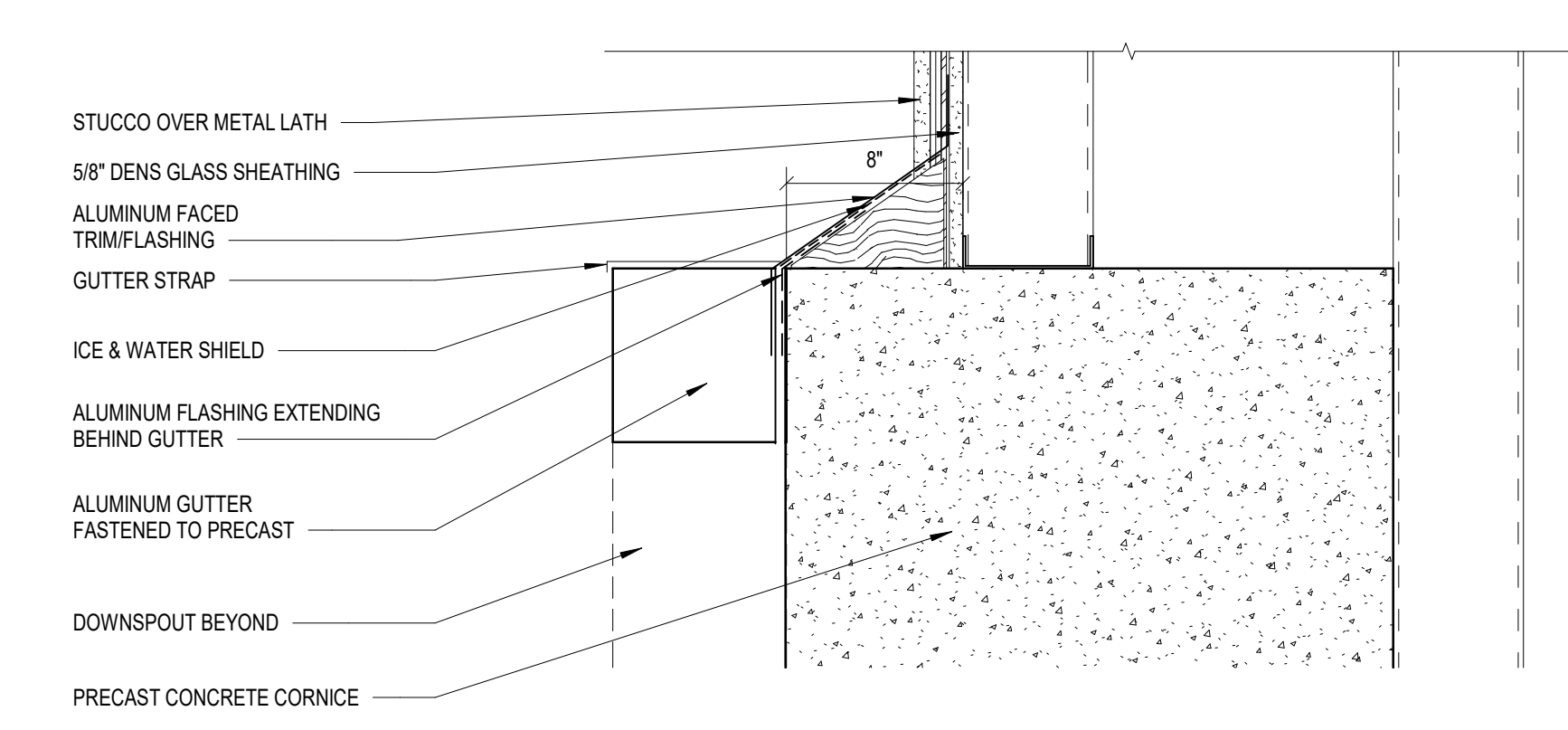
2 SECTION THROUGH STAIR TOWER 2
3/16" = 1'-0"



1 LANDING GUARDRAILS
3/16" = 1'-0"



3 SECTION DETAIL @ GABLE
1 1/2" = 1'-0" REF 7 / AE401

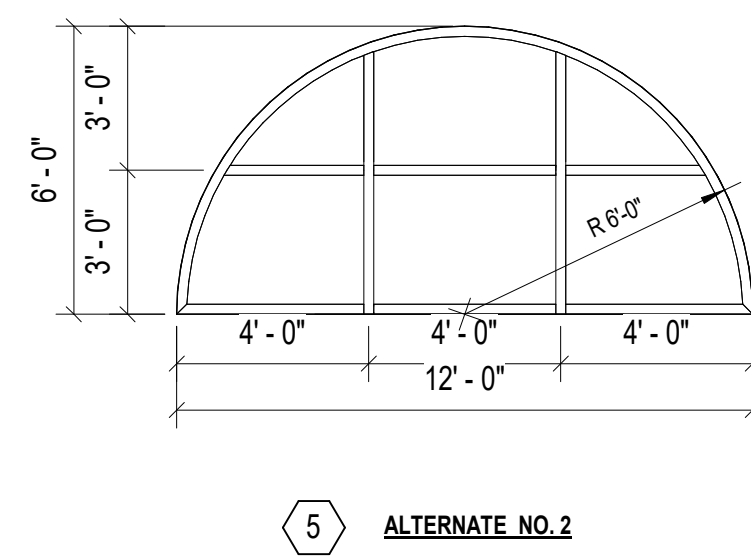
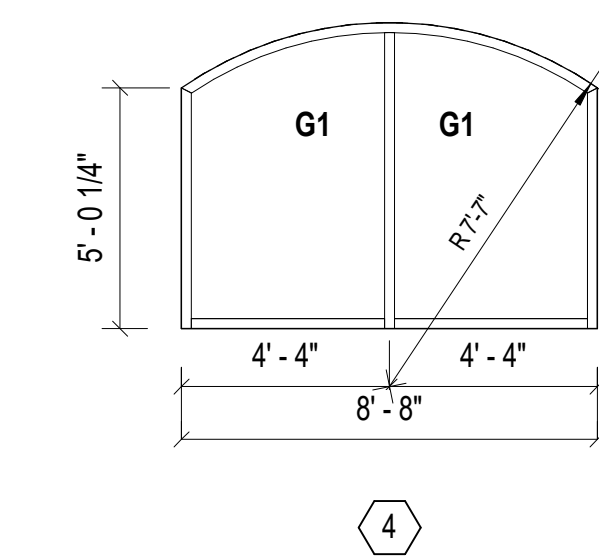
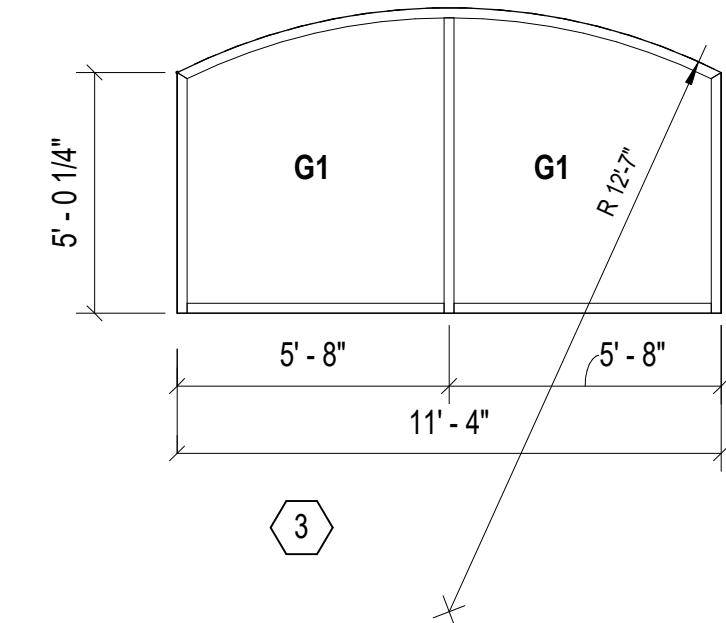
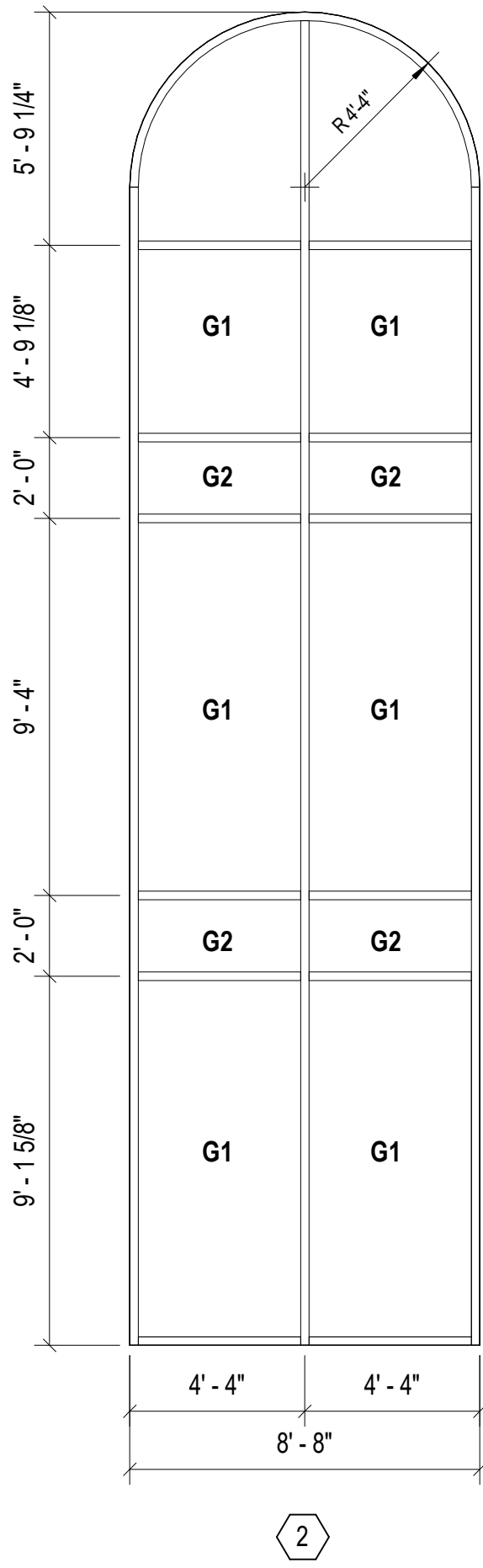
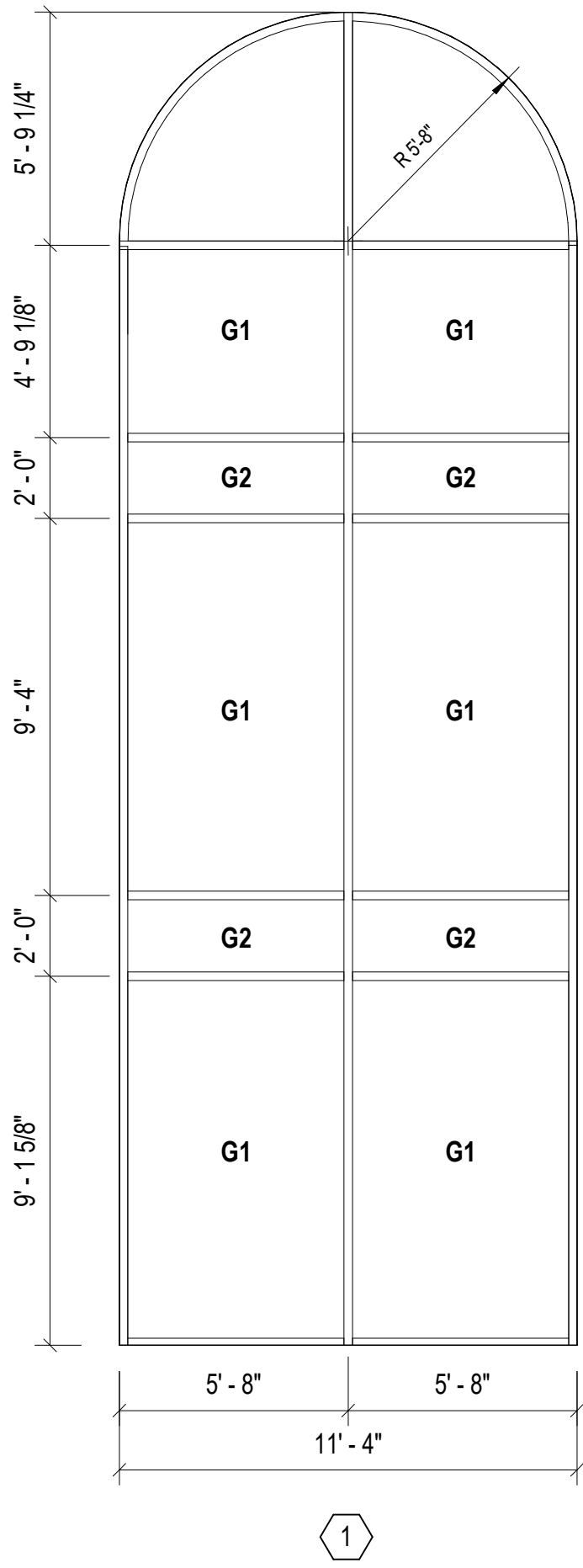


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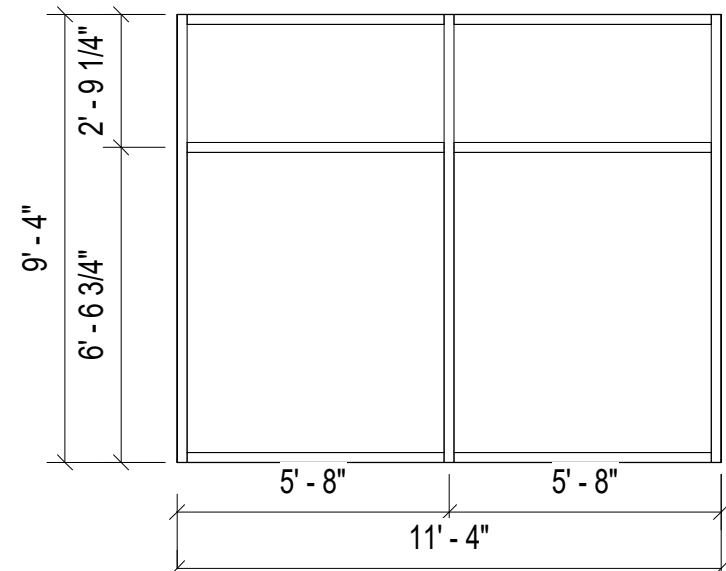


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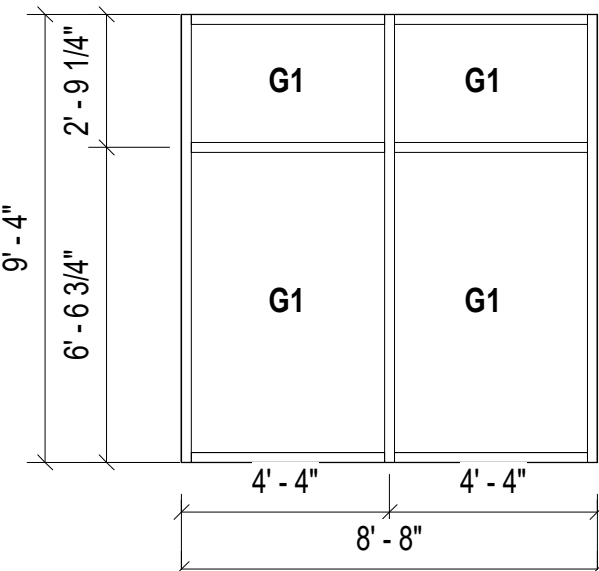
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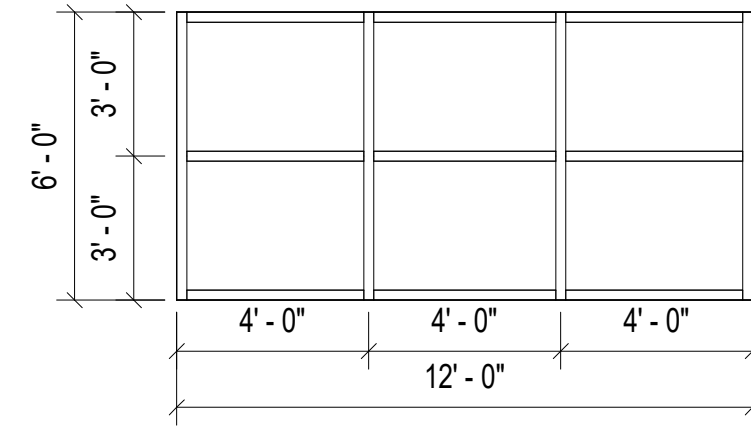
5 ALTERNATE NO. 2



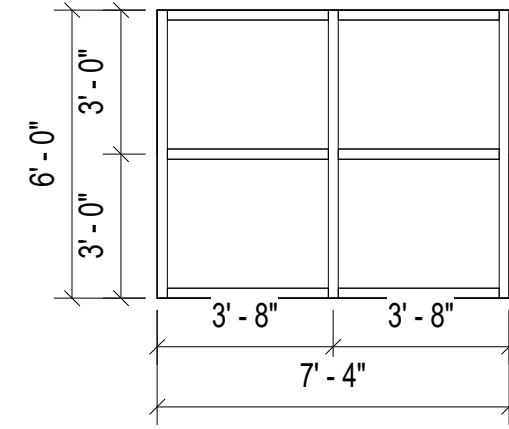
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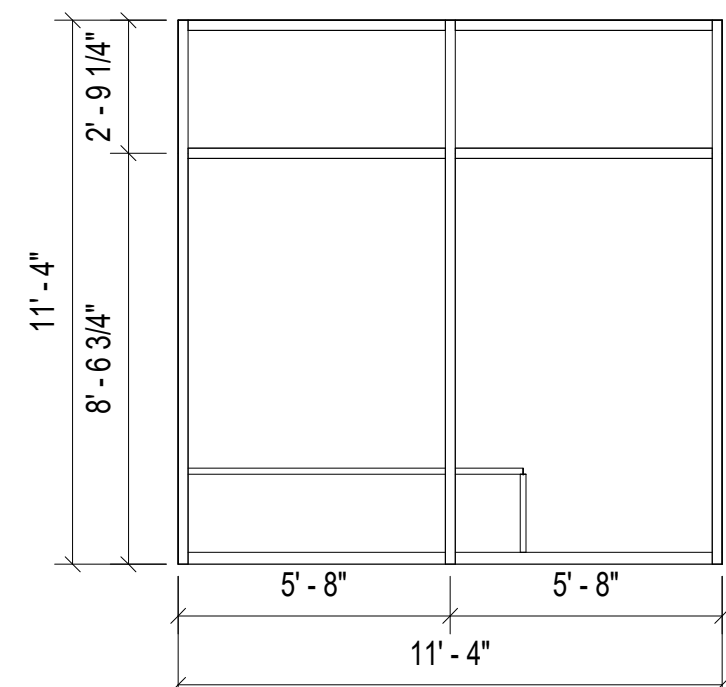
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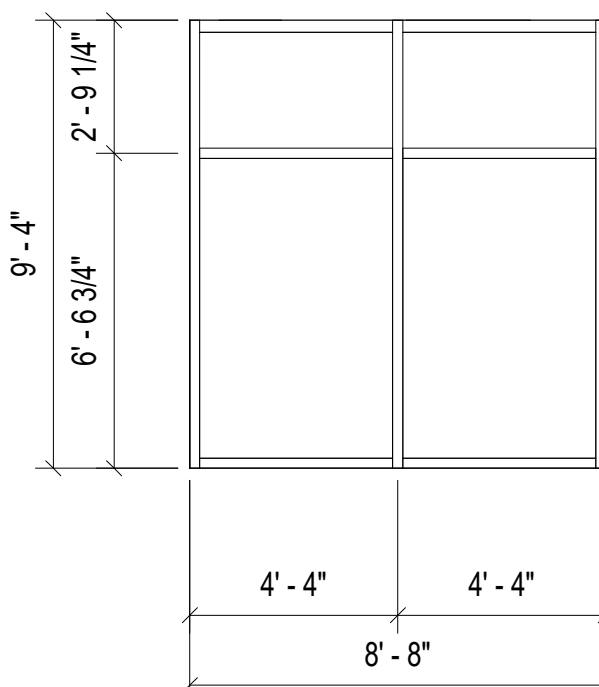
8 ALTERNATE NO. 2



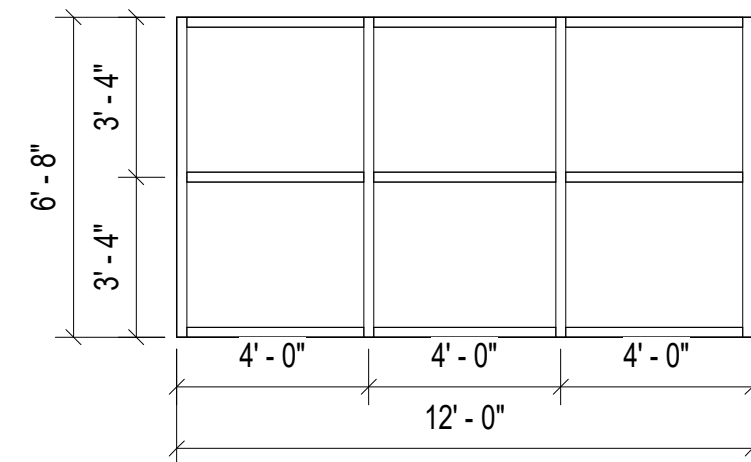
9 ALTERNATE NO. 2



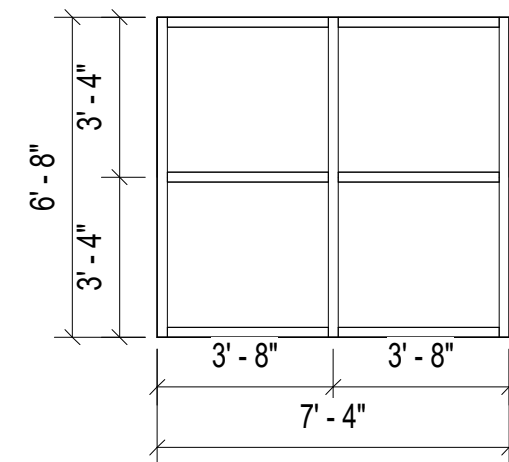
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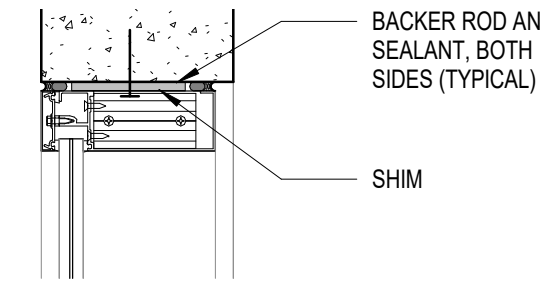


12 ALTERNATE NO. 2

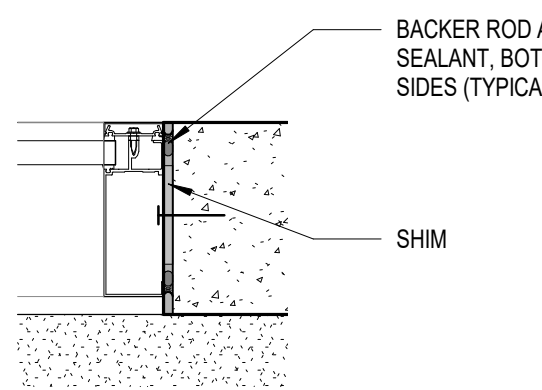


13 ALTERNATE NO. 2

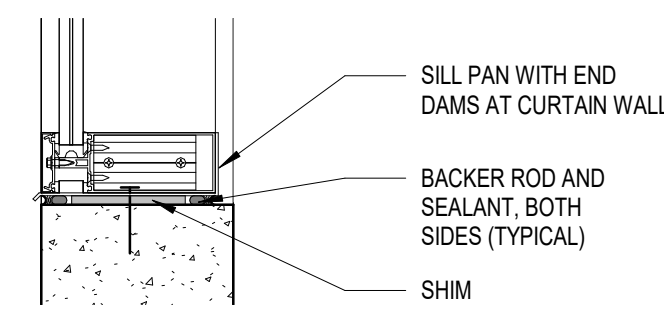
GLAZING SCHEDULE	
G1	1/2" TEMPERED GLASS, CLEAR
G2	1/2" TEMPERED GLASS, SPANDREL
CURTAINWALL DESIGN BASED ON 2-1/2" X 6" SYSTEM	



H1
1 1/2" = 1'-0"



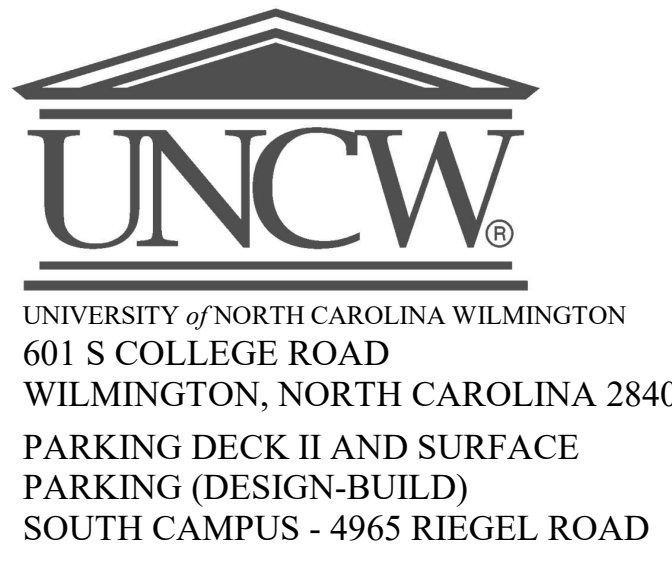
J1
1 1/2" = 1'-0"



S1
1 1/2" = 1'-0"

GENERAL CURTAINWALL NOTES:

- CONTRACTOR IS TO VISIT THE SITE AND VERIFY ALL OPENING PRIOR TO FABRICATION
- ALL CURTAINWALL IS TO BE INSTALLED USING THE MANUFACTURERS SILL PAN ASSEMBLY. INSTALLER TO PROVIDE SILL FLASHING WITH PREFORMED END DAMS SET IN CONTINUOUS BED OF SEALANT.



SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty Construction

DESIGNER

CLARK NEXSEN
1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704-377-8800

CLARK NEXSEN LICENSE NUMBER: C-1028

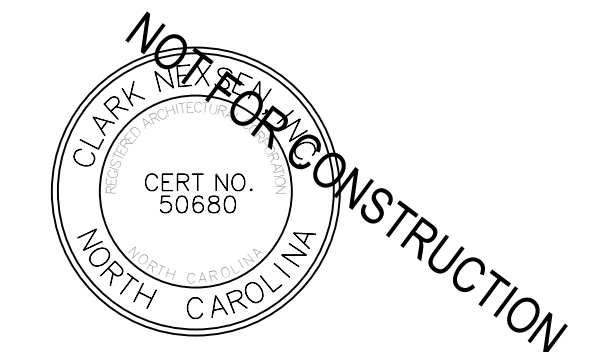


13660 Ballantyne Corporate Place
Suite 140
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CIVIL ENGINEER
243 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA
28401
910.343.1048

PROFESSIONAL SEAL



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL
04/15/2019
CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS	

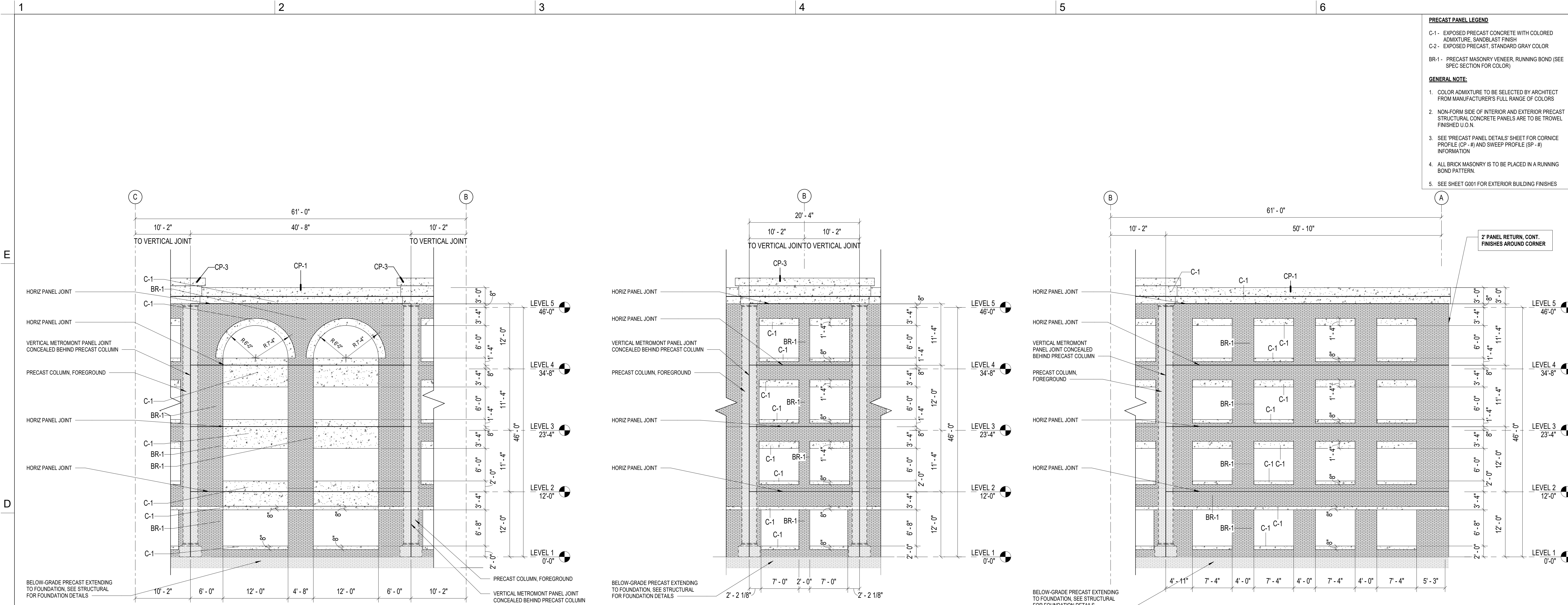
KEY PLAN

SHEET
WINDOW SCHEDULE AND DETAILS

AE602

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

NC 8112



PRECAST PANEL LEGEND

C-1 - EXPOSED PRECAST CONCRETE WITH COLORED ADMIXTURE, SANDBLAST FINISH
C-2 - EXPOSED PRECAST, STANDARD GRAY COLOR

BR-1 - PRECAST MASONRY VENEER, RUNNING BOND (SEE SPEC SECTION FOR COLOR)

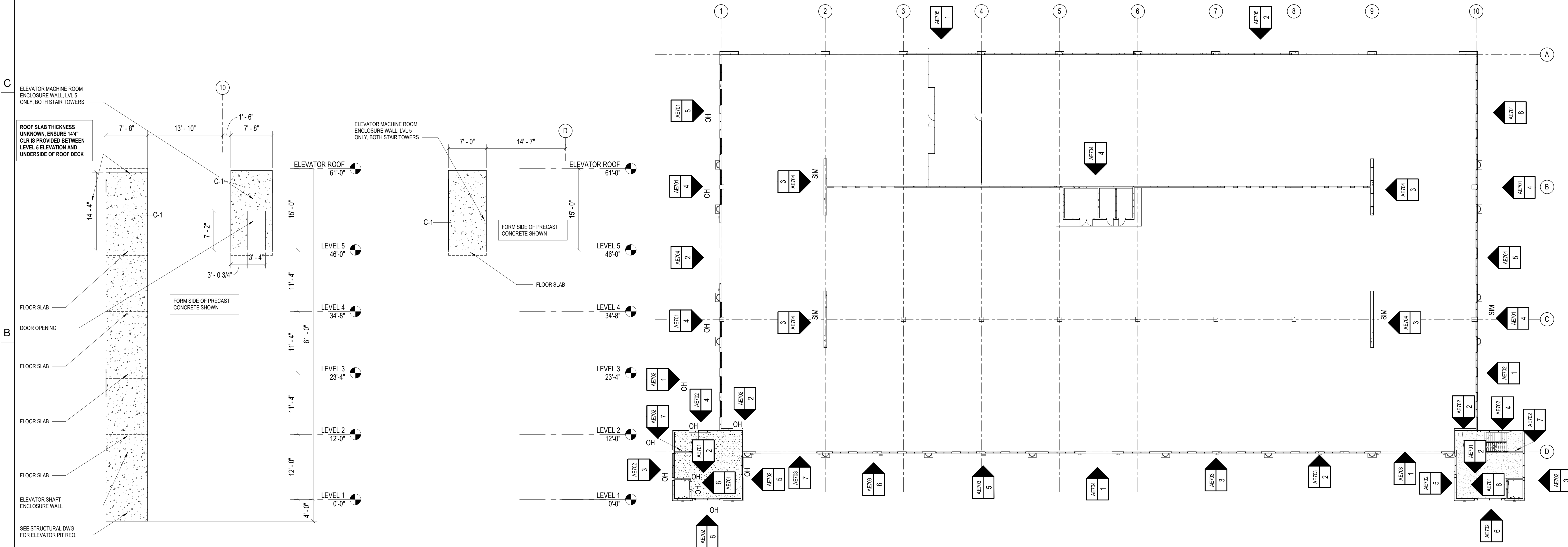
GENERAL NOTE:

- COLOR ADMIXTURE TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS
- NON-FORM SIDE OF INTERIOR AND EXTERIOR PRECAST STRUCTURAL CONCRETE PANELS ARE TO BE TROWEL FINISHED U.O.N.
- SEE PRECAST PANEL DETAILS' SHEET FOR CORNICE PROFILE (CP - #) AND SWEEP PROFILE (SP - #) INFORMATION
- ALL BRICK MASONRY IS TO BE PLACED IN A RUNNING BOND PATTERN
- SEE SHEET G001 FOR EXTERIOR BUILDING FINISHES

5 PRECAST ELEVATION - EAST 1/8" = 1'-0" REF 1 / AE701

4 PRECAST ELEVATION - EAST 1/8" = 1'-0" REF 1 / AE701

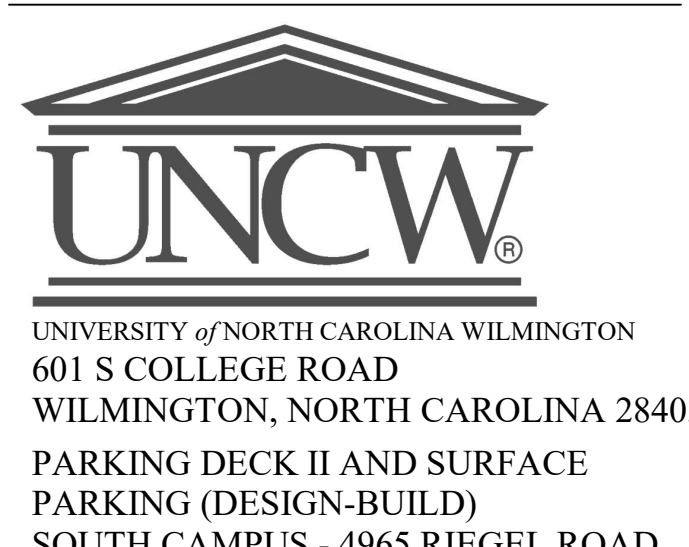
8 PRECAST ELEVATION - EAST 1/8" = 1'-0" REF 1 / AE701



2 PRECAST ELEVATION - INTERIOR 1/8" = 1'-0" REF 1 / AE701

6 PRECAST ELEVATION - ELEVATOR MR 1/8" = 1'-0" REF 1 / AE701

1 LEVEL ONE FLOOR PLAN Copy 1 1" = 20'-0"



SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty Construction

DESIGNER

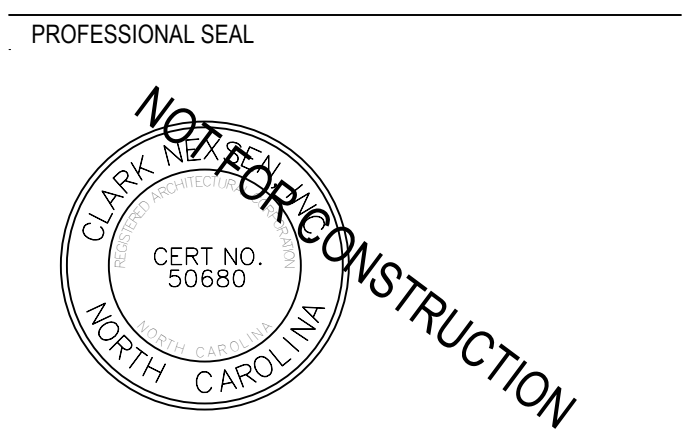
CLARK NEXSEN
1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704-377-8800
CLARK NEXSEN LICENSE NUMBER: C-1028



13860 Ballantyne Corporate Place
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Charlotte, NC 28277
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NC License No. F-0518



CIVIL ENGINEER
243 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA
28401
910.343.1048



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL
04/15/2019
CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET
PRECAST PANEL ELEVATIONS

AE701

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

CN 8112

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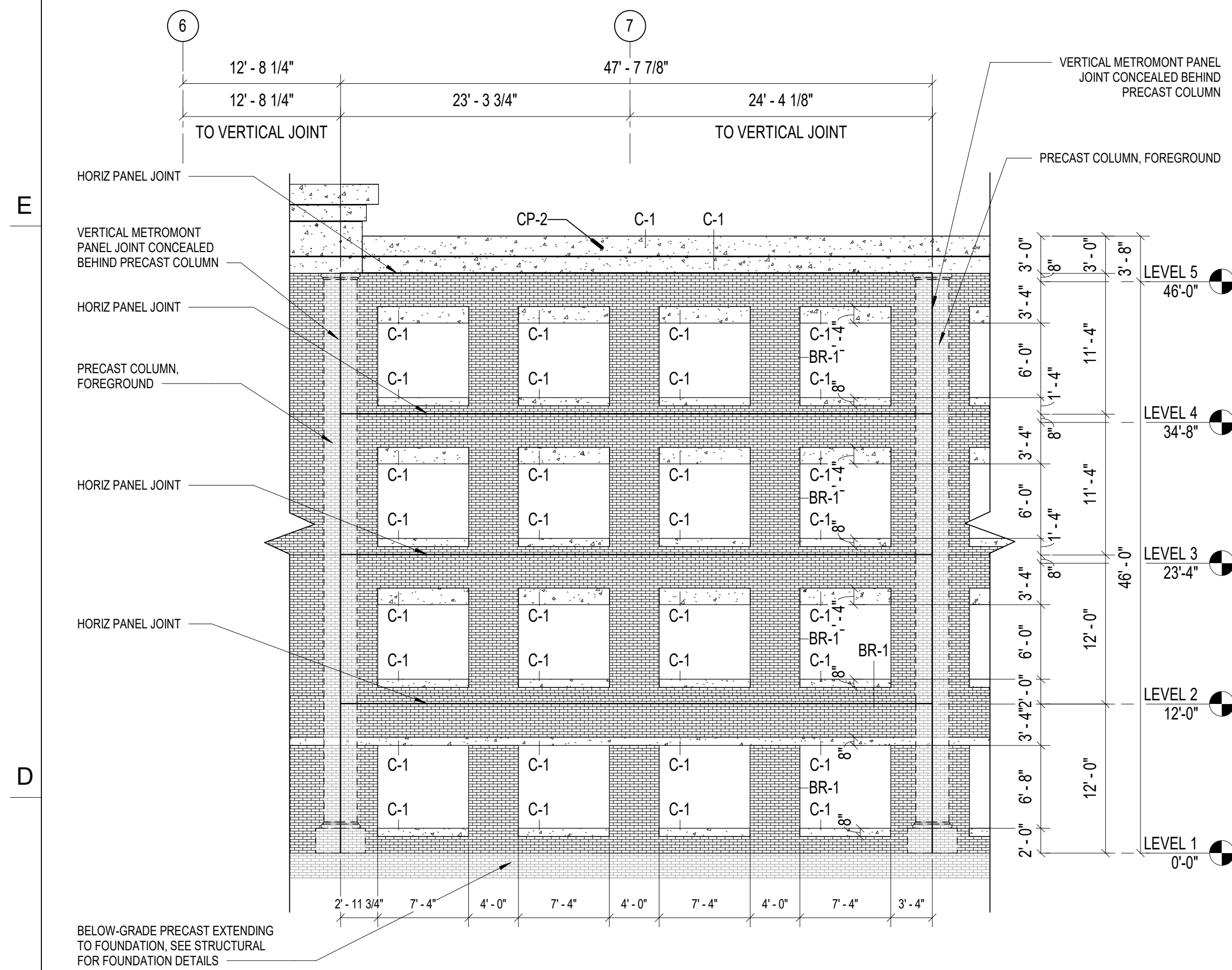
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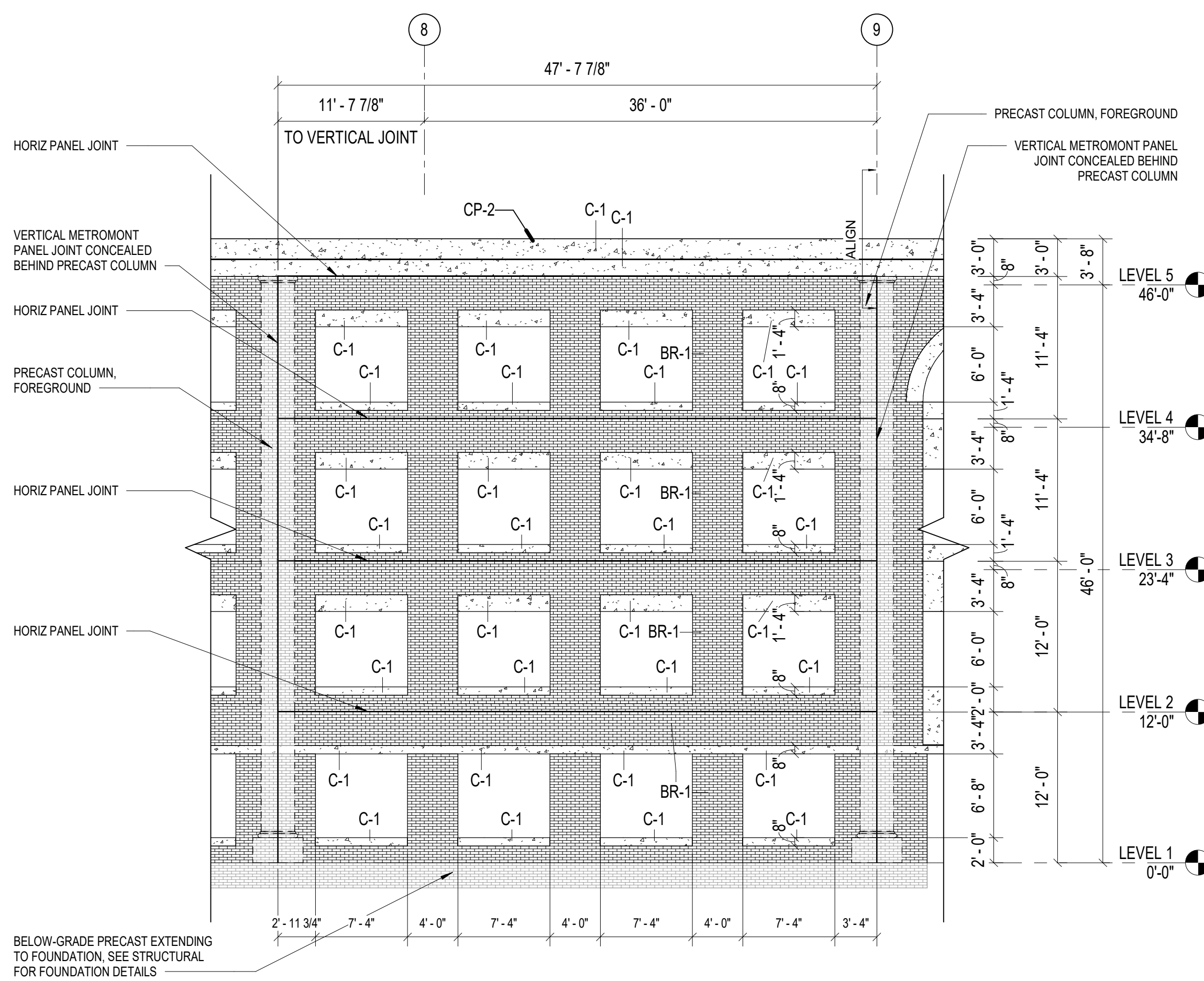
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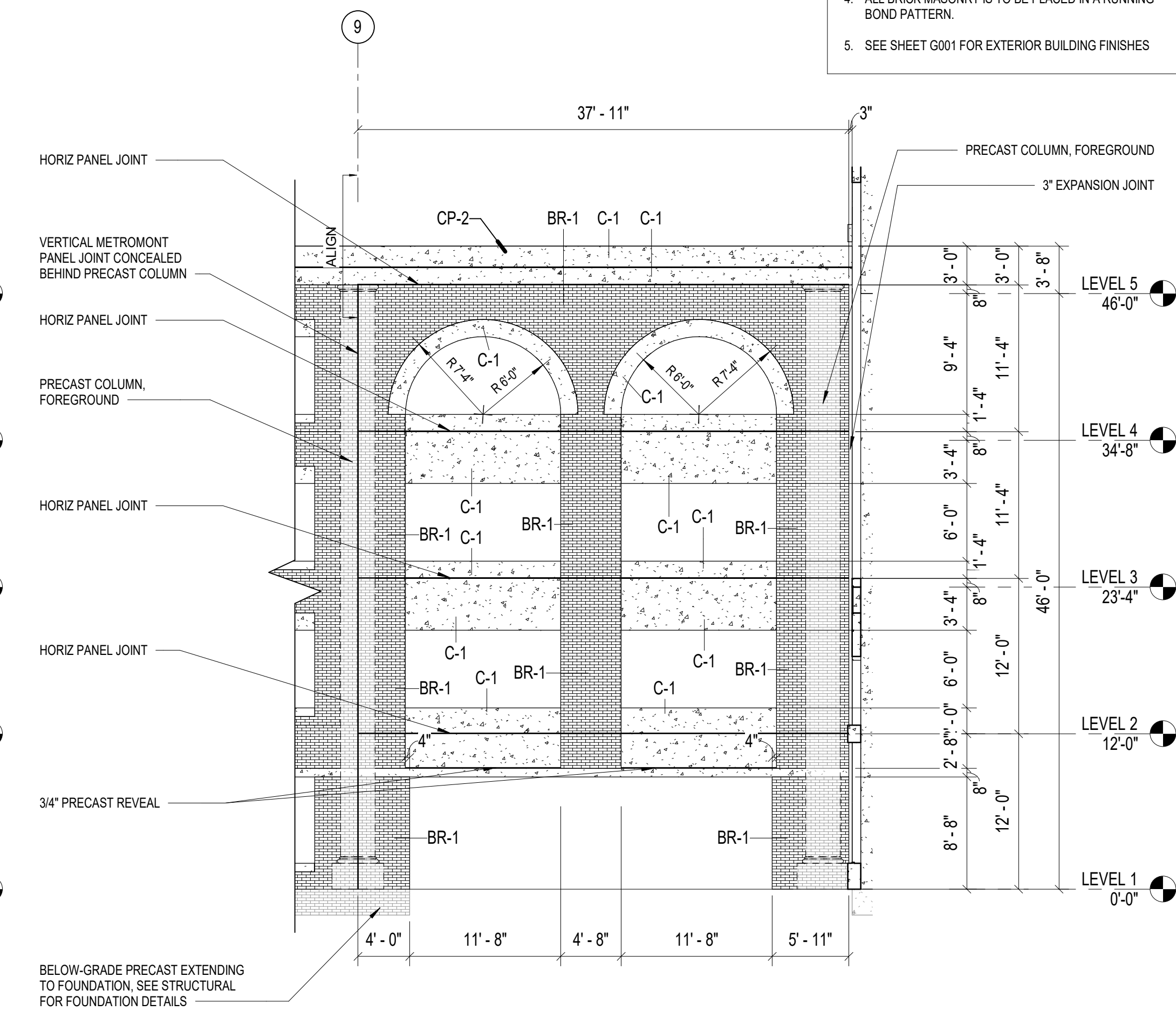
3 PRECAST ELEVATION - SOUTH - GRID 6 & 7

1/8" = 1'-0" REF 1 / AE701



2 PRECAST ELEVATION - SOUTH - GRID 8 & 9

1/8" = 1'-0" REF 1 / AE701



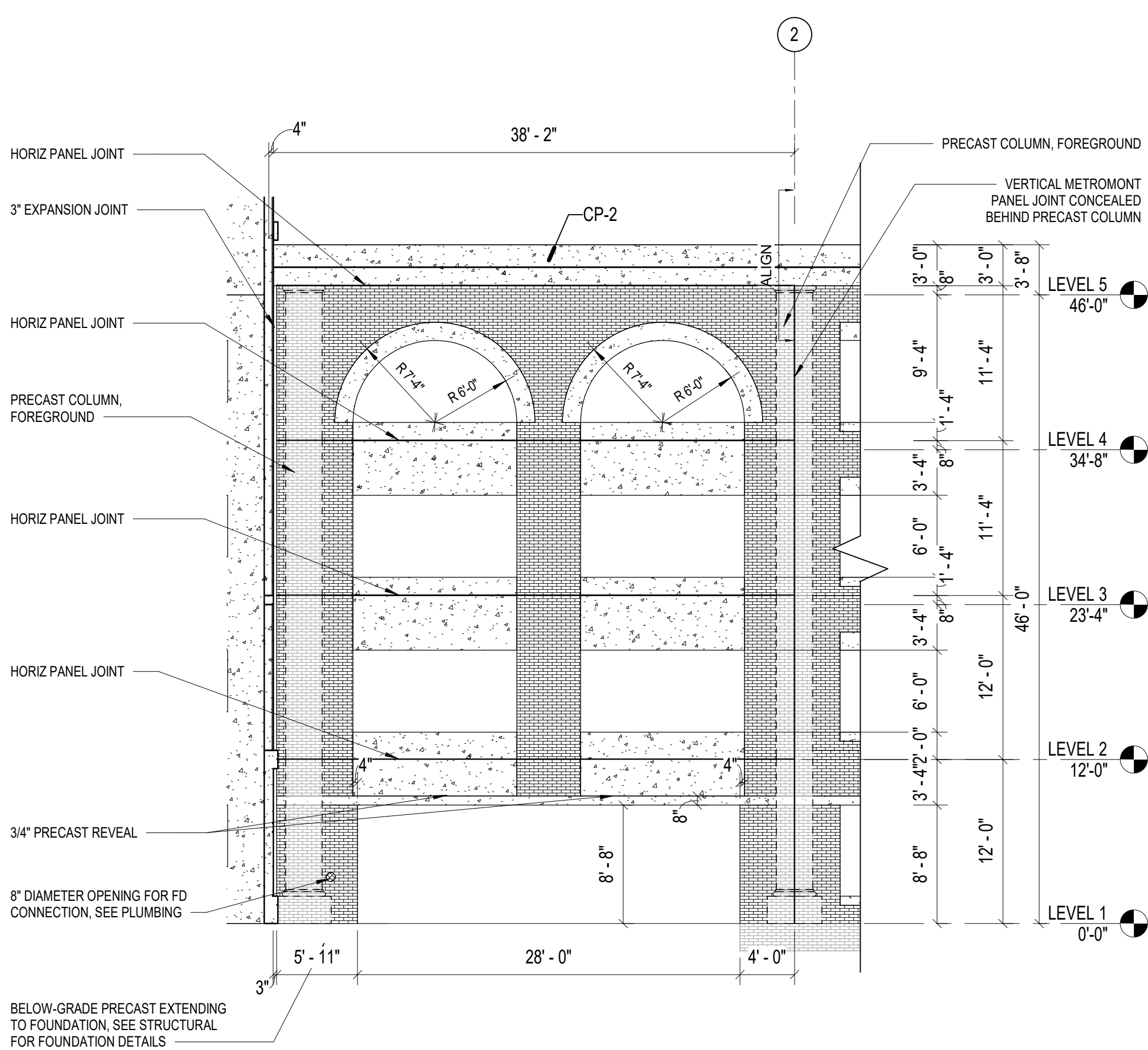
1 PRECAST ELEVATION - SOUTH - GRID 9

1/8" = 1'-0" REF 1 / AE701

C

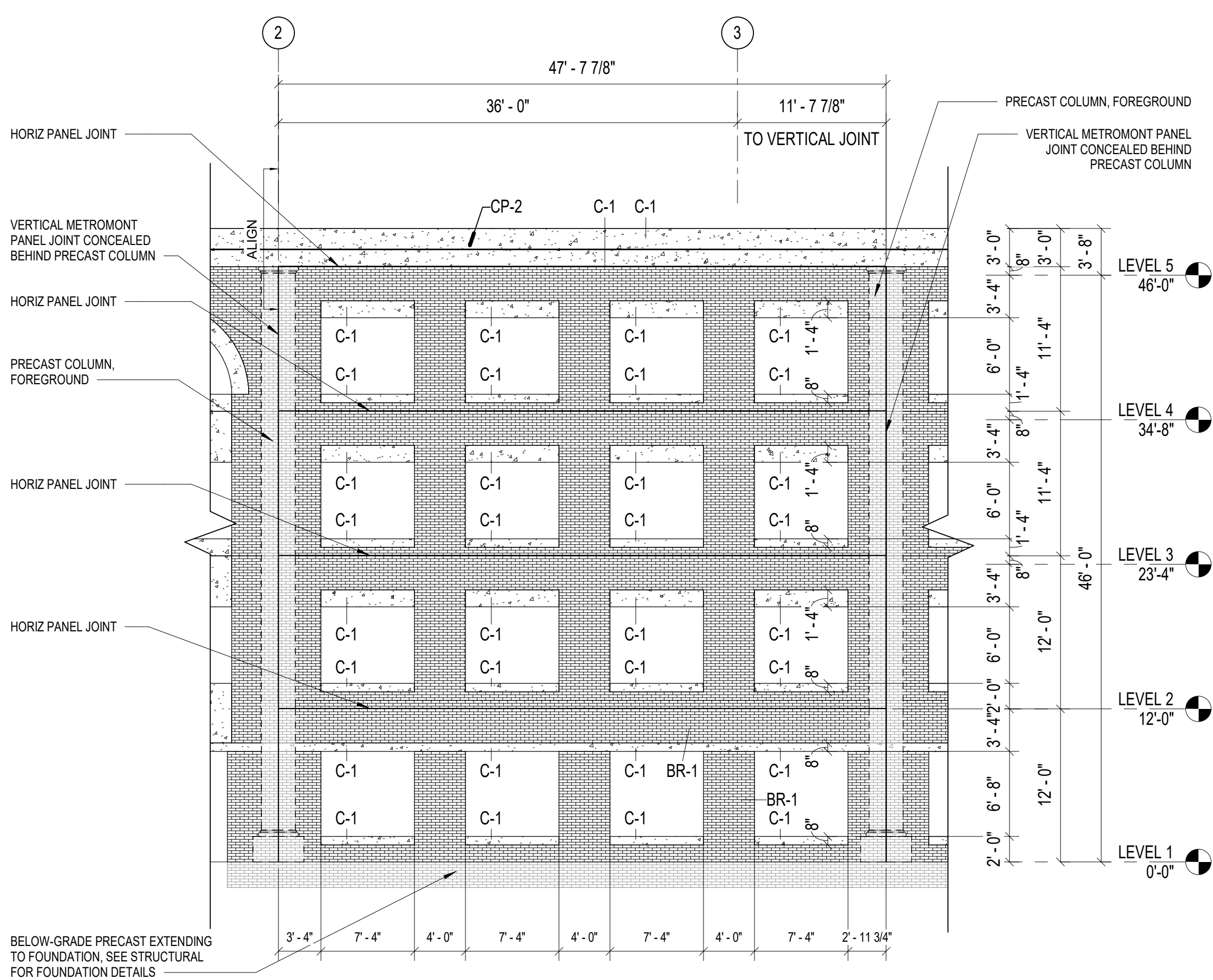
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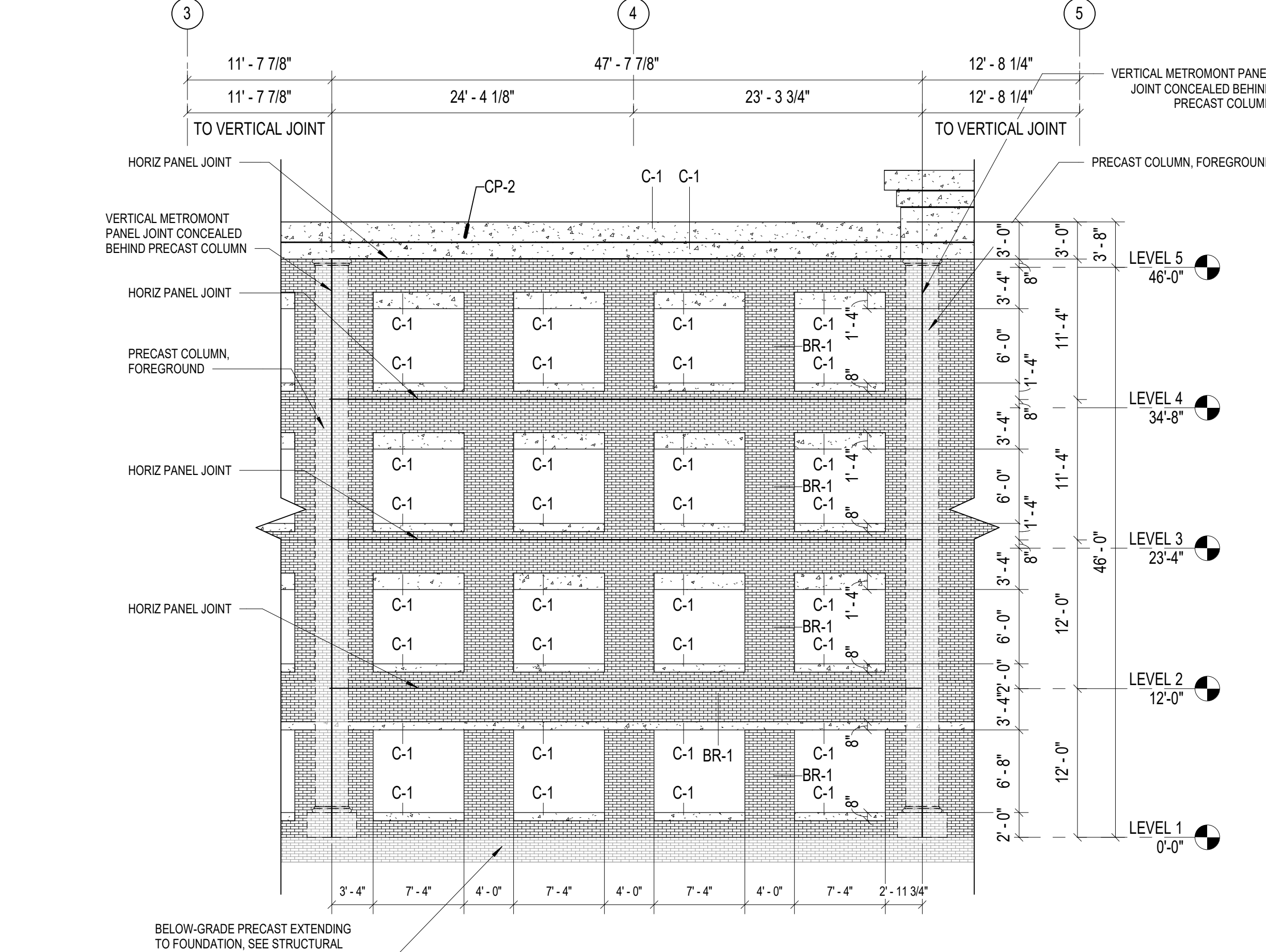
7 PRECAST ELEVATION - SOUTH - GRID 2

1/8" = 1'-0" REF 1 / AE701



6 PRECAST ELEVATION - SOUTH - GRID 2 & 3

1/8" = 1'-0" REF 1 / AE701



5 PRECAST ELEVATION - SOUTH - GRID 3 & 5

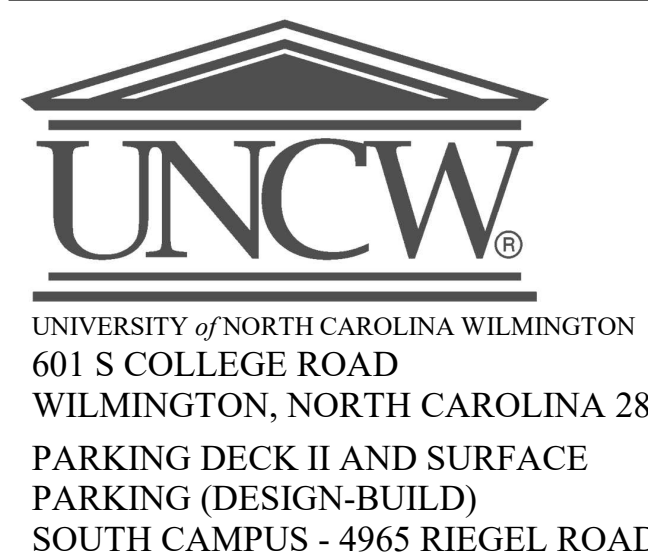
1/8" = 1'-0" REF 1 / AE701

PRECAST PANEL LEGEND

- C-1 - EXPOSED PRECAST CONCRETE WITH COLORED ADMIXTURE, SANDBLAST FINISH
C-2 - EXPOSED PRECAST, STANDARD GRAY COLOR
BR-1 - PRECAST MASONRY VENEER, RUNNING BOND (SEE SPEC SECTION FOR COLOR)

GENERAL NOTE:

- COLOR ADMIXTURE TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS
- NON-FORM SIDE OF INTERIOR AND EXTERIOR PRECAST STRUCTURAL CONCRETE PANELS ARE TO BE TROWEL FINISHED U.O.N.
- SEE PRECAST PANEL DETAILS SHEET FOR CORNICE PROFILE (CP - #) AND SWEEP PROFILE (SP - #)
- ALL BRICK MASONRY IS TO BE PLACED IN A RUNNING BOND PATTERN
- SEE SHEET 0001 FOR EXTERIOR BUILDING FINISHES



SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty Construction

DESIGNER

CLARK NEXSEN
1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704.377.8800

CLARK NEXSEN LICENSE NUMBER: C-1028

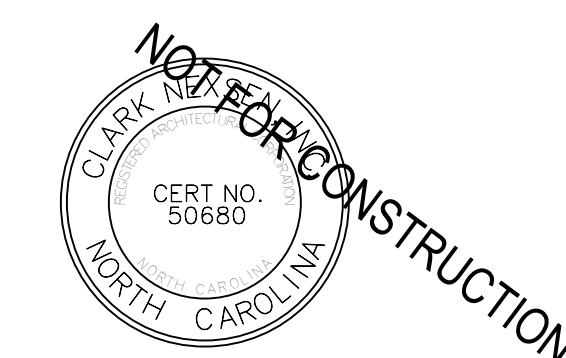


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NC License No. F-0518



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910.343.1048

PROFESSIONAL SEAL



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL

04/15/2019

CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

NO.	DESCRIPTION	DATE

KEY PLAN

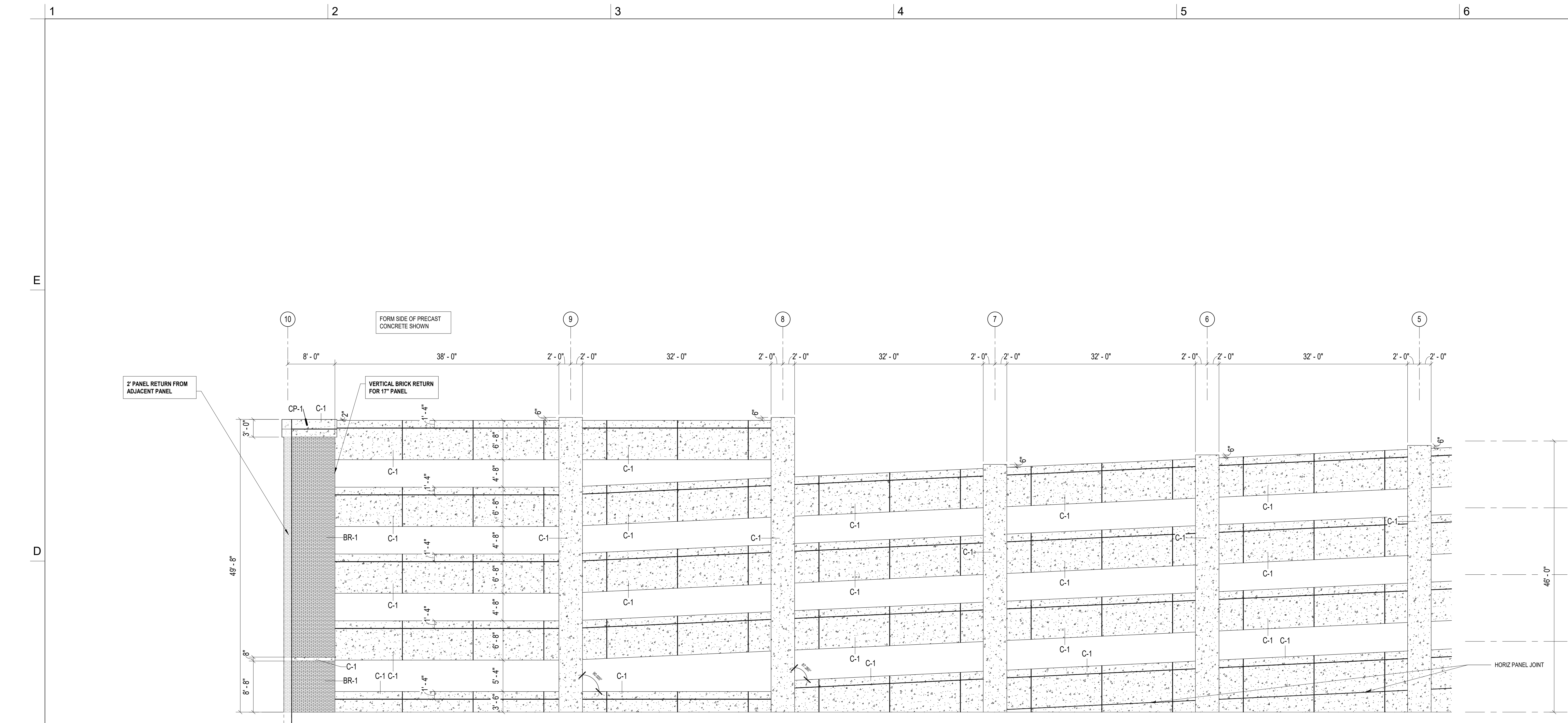
SHEET

PRECAST PANEL ELEVATIONS

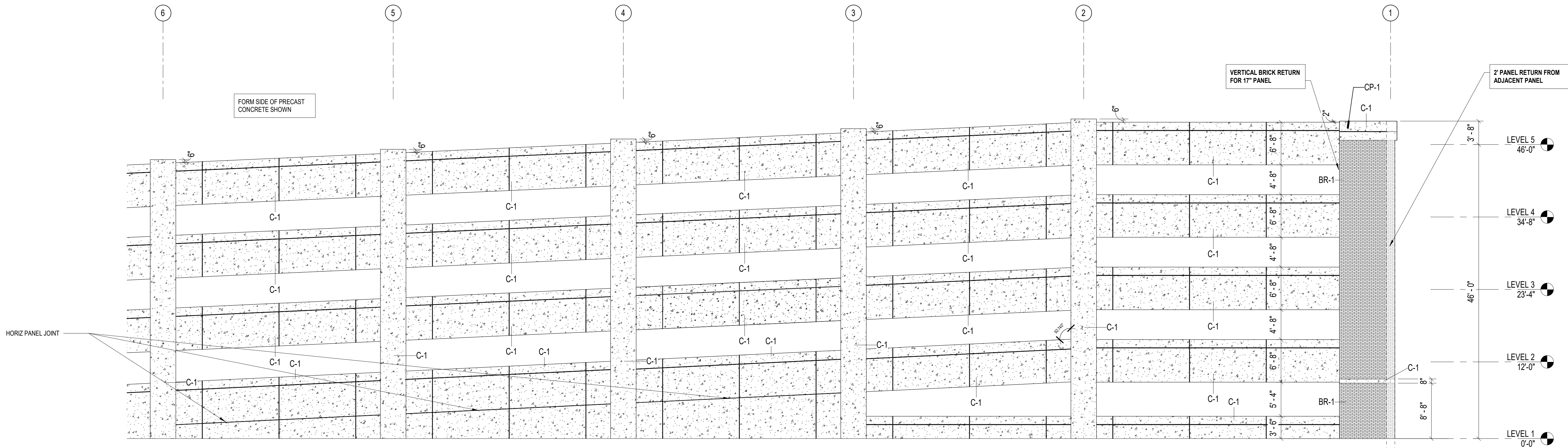
AE703

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

CN 8112



2 PRECAST ELEVATION - NORTH - GRID 10 & 5
1/8" = 1'-0" REF 1/1 AE701



1 PRECAST ELEVATION - NORTH - GRID 6 & 1
1/8" = 1'-0" REF 1/1 AE701

- PRECAST PANEL LEGEND**
- C-1 - EXPOSED PRECAST CONCRETE WITH COLORED ADMIXTURE, SANDBLAST FINISH
 - C-2 - EXPOSED PRECAST, STANDARD GRAY COLOR
 - BR-1 - PRECAST MASONRY VENEER, RUNNING BOND (SEE SPEC SECTION FOR COLOR)
- GENERAL NOTE:**
- COLOR ADMIXTURE TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS
 - NON-FORM SIDE OF INTERIOR AND EXTERIOR PRECAST STRUCTURAL CONCRETE PANELS ARE TO BE TROWEL FINISHED U.O.N.
 - SEE PRECAST PANEL DETAILS' SHEET FOR CORNICE PROFILE (CP - #) AND SWEEP PROFILE (SP - #) INFORMATION
 - ALL BRICK MASONRY IS TO BE PLACED IN A RUNNING BOND PATTERN
 - SEE SHEET Q001 FOR EXTERIOR BUILDING FINISHES

UNCW
UNIVERSITY of NORTH CAROLINA WILMINGTON
601 S COLLEGE ROAD
WILMINGTON, NORTH CAROLINA 28403
PARKING DECK II AND SURFACE
PARKING (DESIGN-BUILD)
SOUTH CAMPUS - 4965 RIEGEL ROAD

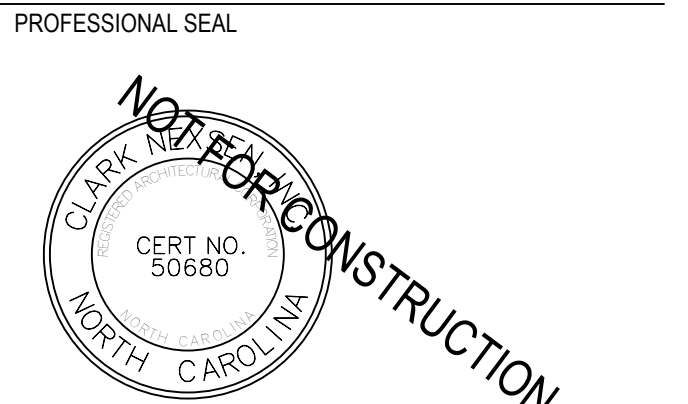
SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty Construction

DESIGNER
CLARK NEXSEN
1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704-377-8800
CLARK NEXSEN LICENSE NUMBER: C-1028

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WILMINGTON, NORTH CAROLINA
28401
910.343.1048



NC CORPORATE ENGINEERING LICENSE #C-1028
SUBMITTAL
04/15/2019
CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET
PRECAST PANEL ELEVATIONS

AE705

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

CN 8112

4/15/2019 5:48:00 PM
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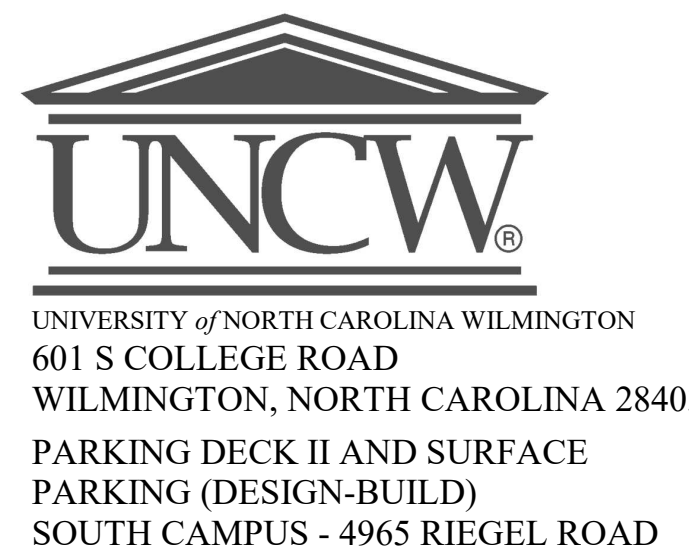
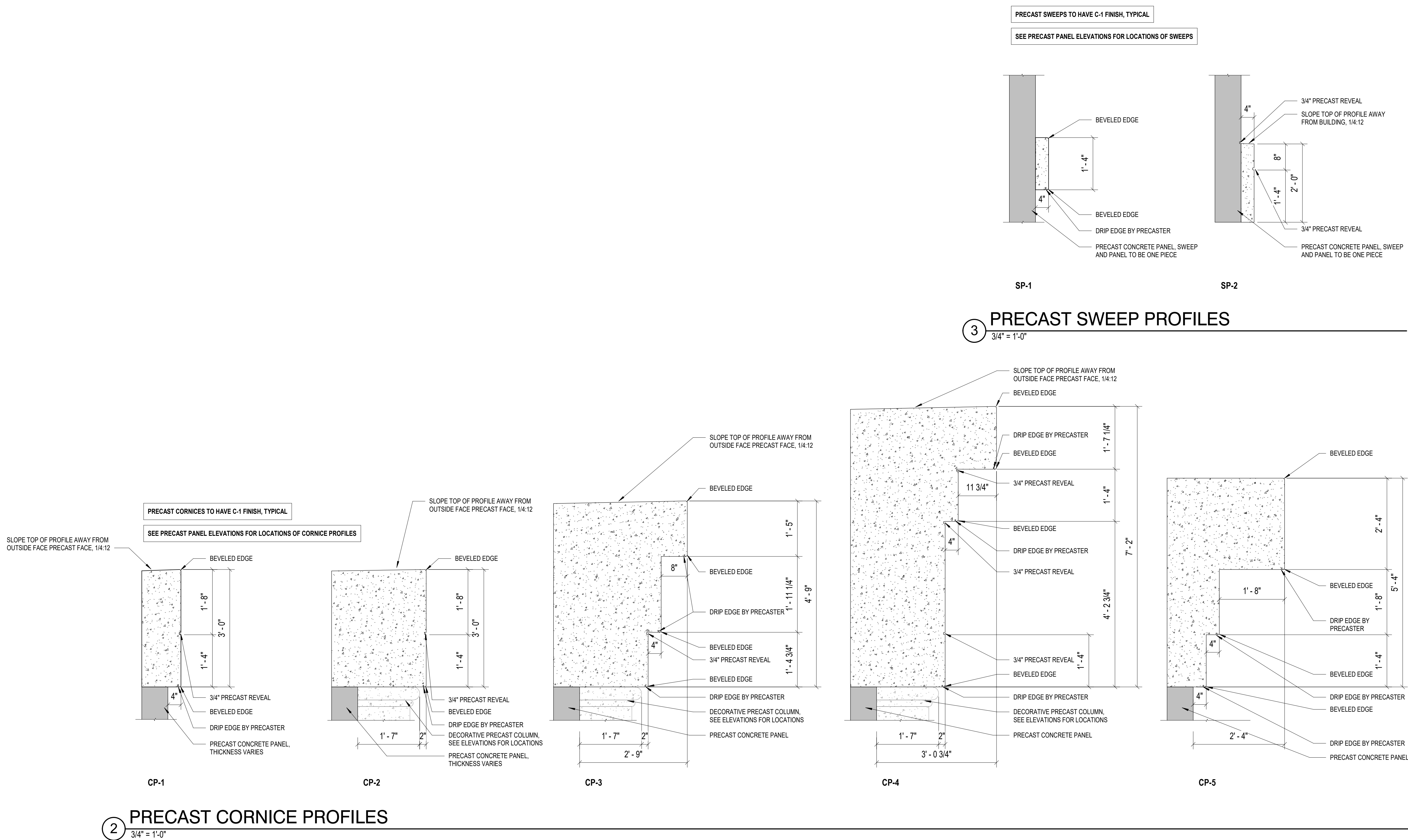
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SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty Construction

DESIGNER

CLARK NEXSEN
1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704-377-8800

CLARK NEXSEN LICENSE NUMBER: C-1028

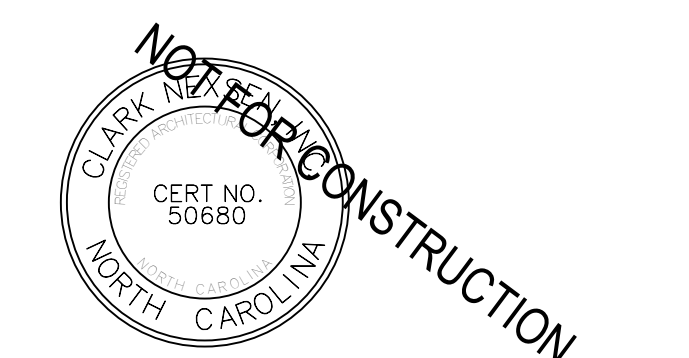


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28401
910.343.1048

PROFESSIONAL SEAL



NC CORPORATE ENGINEERING LICENSE #C-1028

SUBMITTAL
04/15/2019
CONSTRUCTION DOCUMENT SUBMITTAL 01

REVISIONS

KEY PLAN

SHEET
PRECAST PANEL DETAILS

AE710

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

CN 8112

4/15/2019 5:34:22 PM
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1
E
D
C
B
A

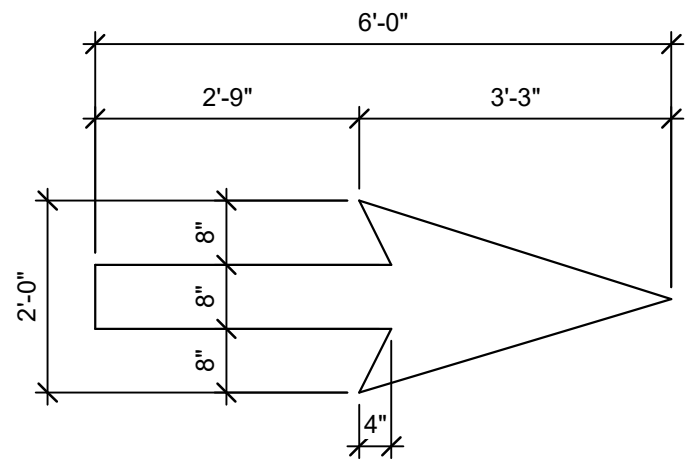
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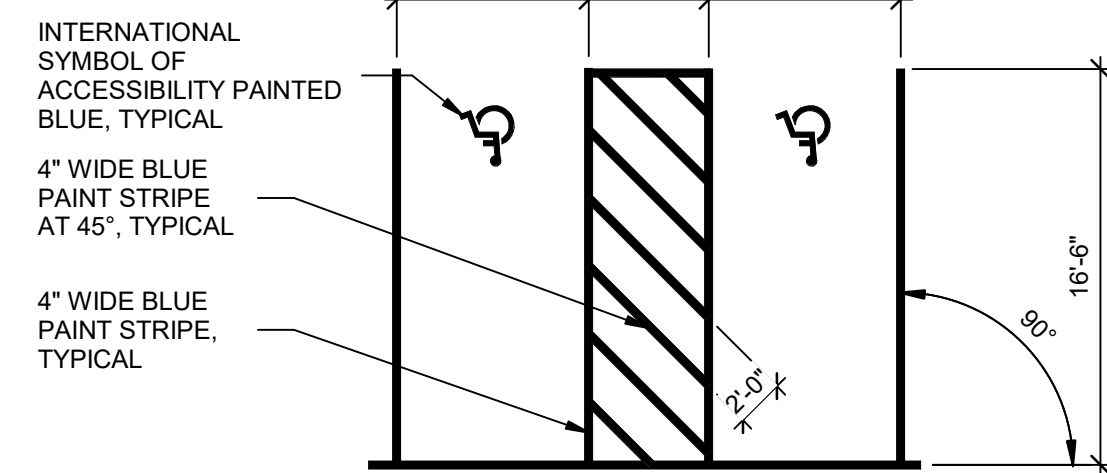
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NOTE: PAINT ARROWS SOLID YELLOW, UNLESS NOTED OTHERWISE.

4 TYPICAL ARROW DETAIL

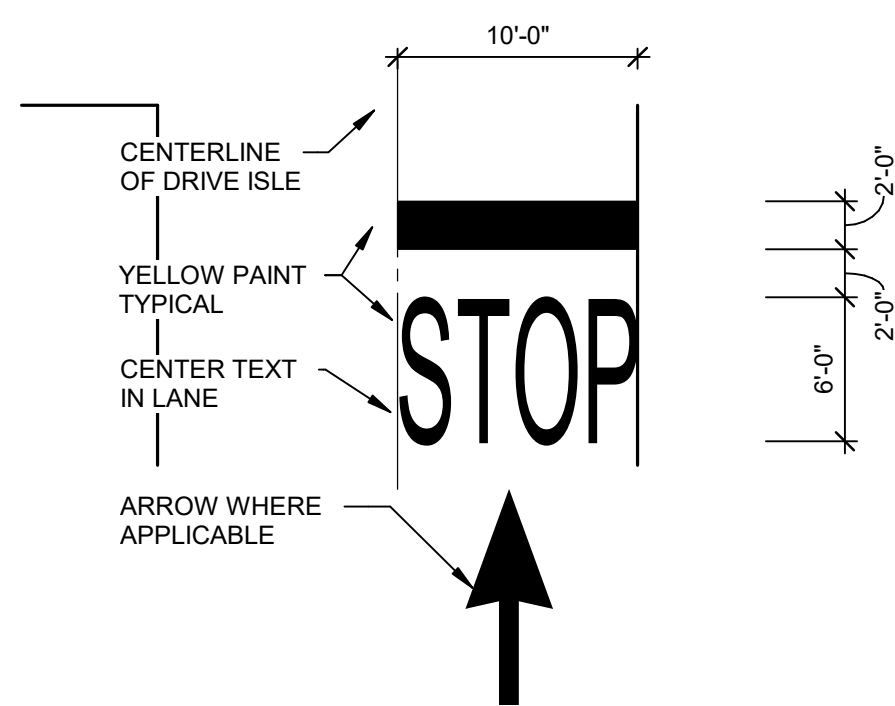
1/2" = 1'-0"



3 90° STRIPING DETAIL

1/8" = 1'-0"

A-PARKING SCHEDULE - OVERALL				
TIER	STANDARD	ACCESSIBLE CAR	ACCESSIBLE VAN	TOTAL
LEVEL 1	0	0	0	0
LEVEL 2	144	5	4	153
LEVEL 3	206	4	0	210
LEVEL 4	206	4	0	210
LEVEL 5	203	0	0	203
	965	17	4	986



2 STOP LINE

1/8" = 1'-0"

LEVEL 5

90'-0"

LEVEL 4

78'-8"

LEVEL 3

67'-4"

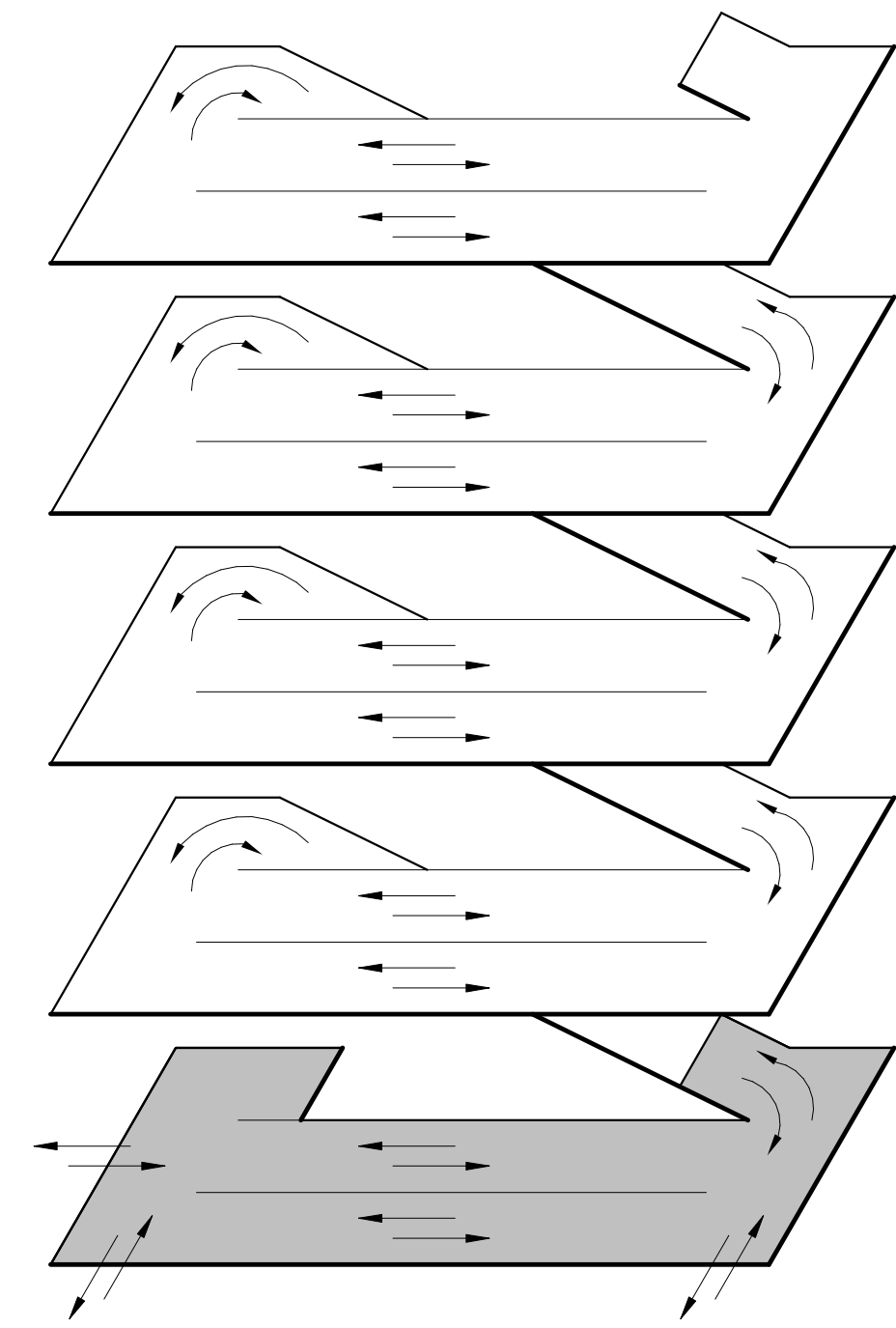
LEVEL 2

56'-0"

LEVEL 1

44'-0"

ISOMETRIC



SHEET NOTES

- FOR TYPICAL STRIPING DETAILS AND FLOOR ARROWS SEE THIS SHEET AND SHEET AG102.
- ALL DIMENSIONS FOR STRIPING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL, UNO.
- FOR FLOOR ELEVATIONS SEE "S-100" SERIES DRAWINGS.
- FOR ENLARGED STAIR / ELEVATOR PLANS & ELEVATIONS SEE "S-400 & A-400" SERIES DRAWINGS.
- FOR BUILDING ELEVATIONS SEE "A-200" SERIES DRAWINGS.
- REFER TO ARCHITECTURAL SHEET AE601 FOR ADDITIONAL SIGNAGE.

GENERAL PARKING STRIPING COLORS:

- WHITE
 - A. PARKING SPACE STRIPE
- YELLOW
 - A. NON-PARKING DIAGONAL CROSS HATCHING
 - B. DIRECTIONAL ARROWS
 - C. STOP BAR
 - D. DRIVE AISLE LINE AT SHEAR WALLS
 - E. CURBS
- BLUE
 - A. ADA SPACE STRIPES AND ACCESS AISLES
- RED
 - A. STANDPIPE ACCESS AISLES.



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PARKING DECK II AND SURFACE
PARKING (DESIGN-BUILD)
SOUTH CAMPUS - 4965 RIEGEL ROAD

SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty
Construction

DESIGNER

CLARK NEXSEN

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704-377-8800

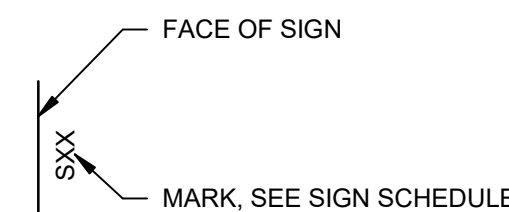
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28401
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NOTE:
FOR SIGN SCHEDULE, NOTES, AND
MOUNTING DETAILS, SEE AG500
SERIES SHEETS

SIGN KEY

PROFESSIONAL SEAL



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04/15/2019

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SUBMITTAL 01

REVISIONS

NO.	DESCRIPTION	DATE

KEY PLAN

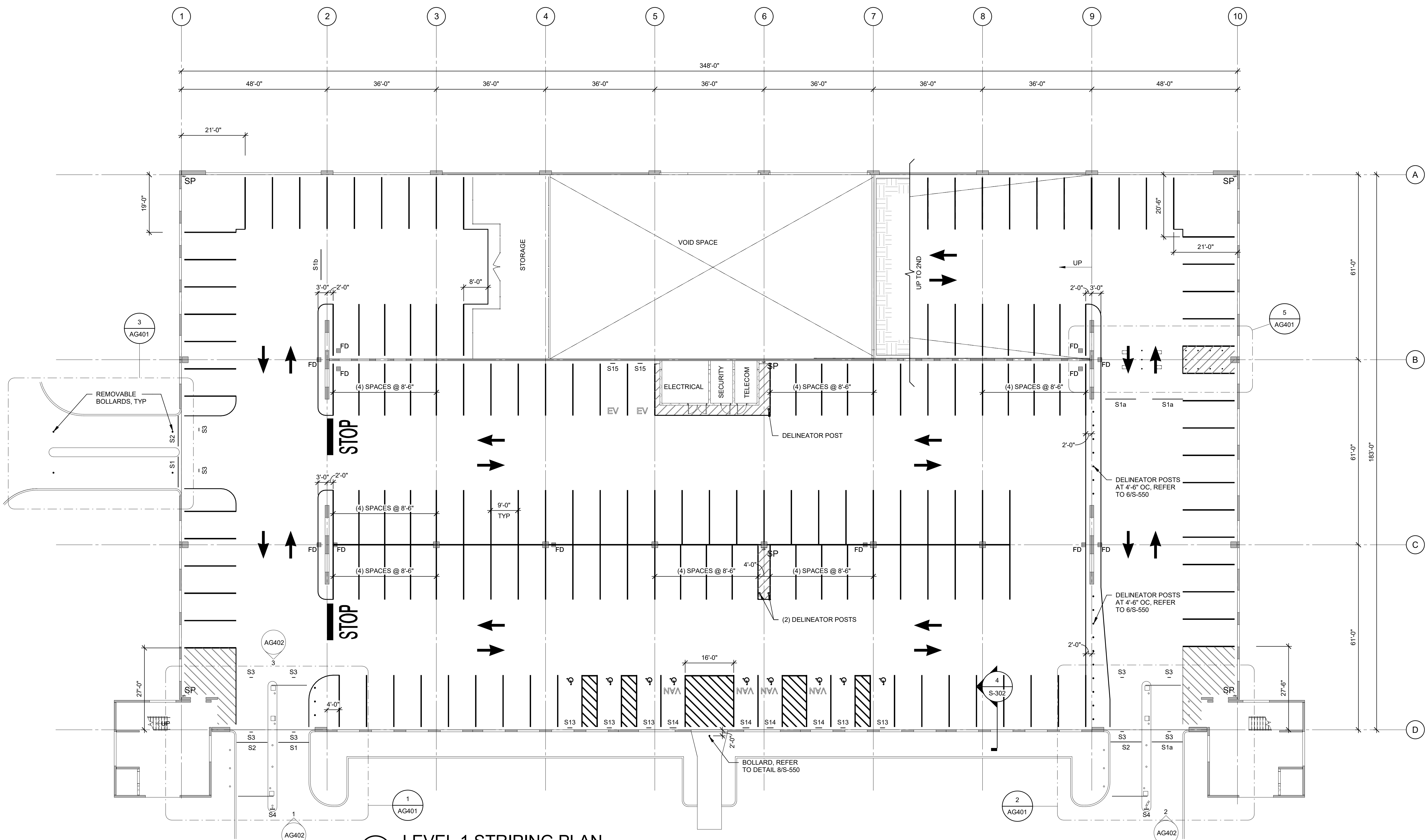
SHEET

LEVEL 1 STRIPING PLAN

AG101

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

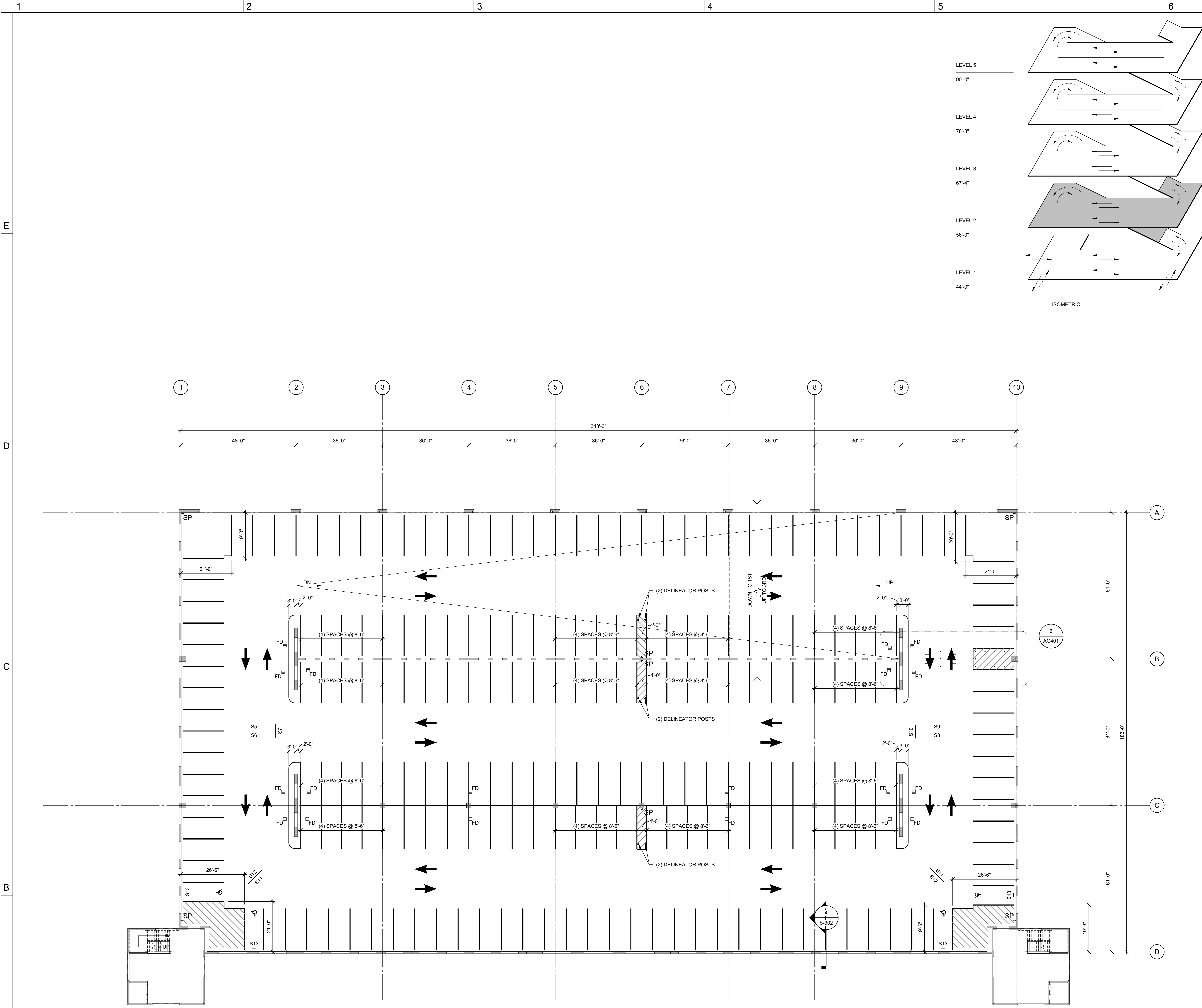
ON PROJECT
NUMBER



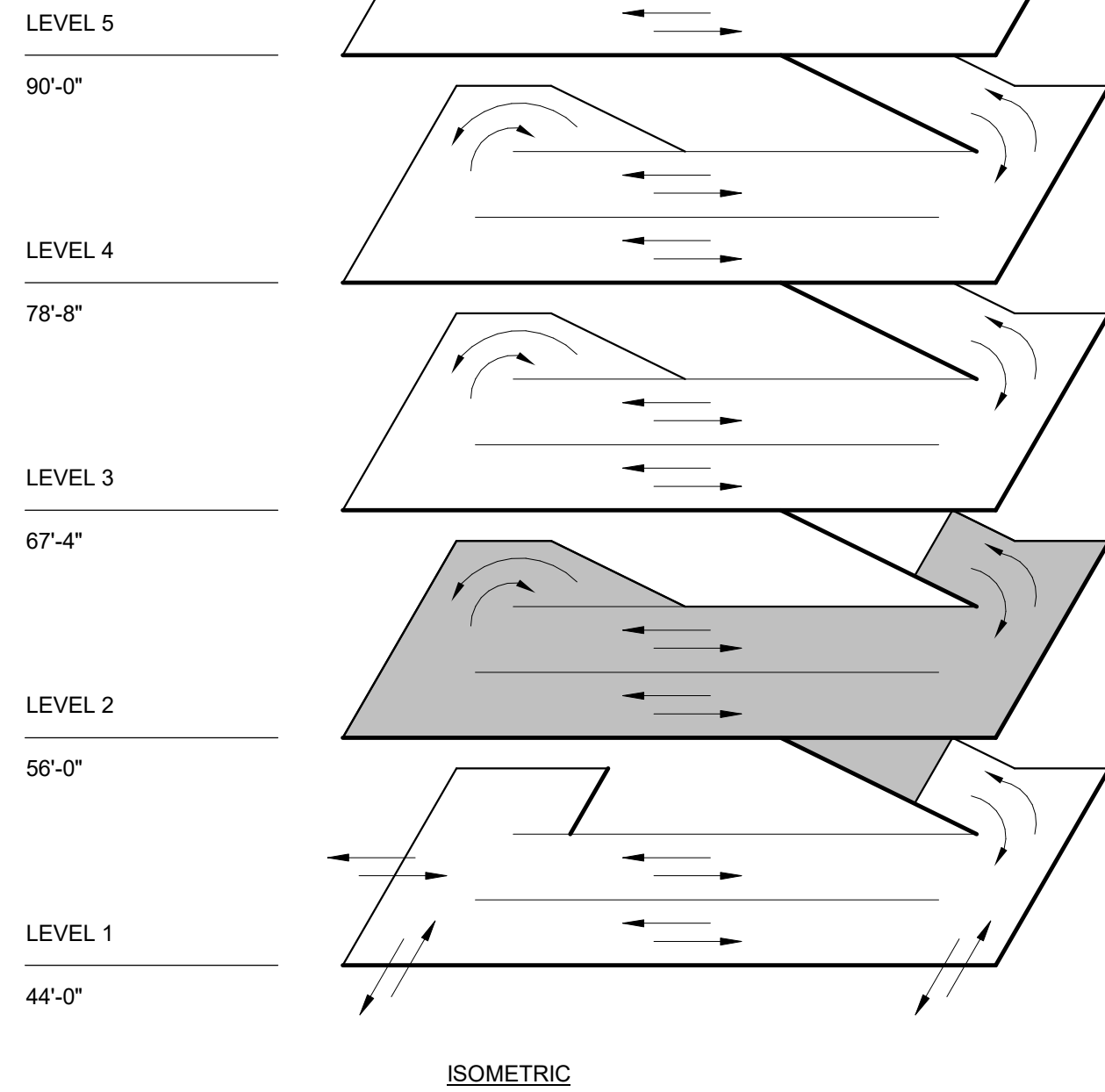
1 LEVEL 1 STRIPING PLAN

1/16" = 1'-0"

4/15/2019 5:34:24 PM
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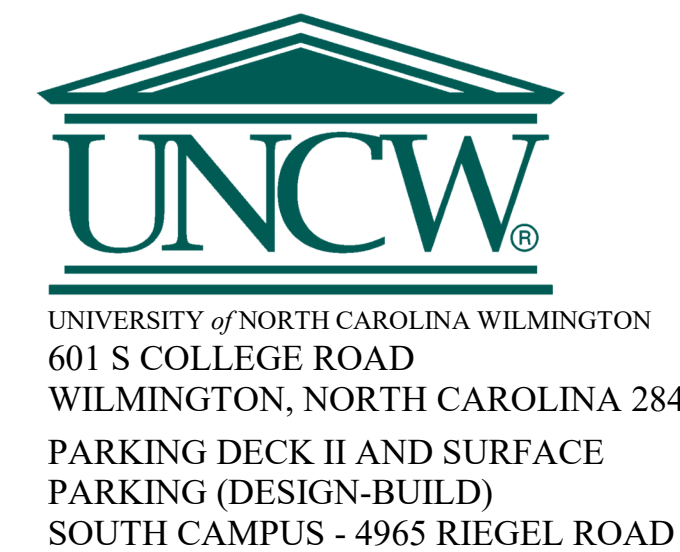


1 LEVEL 2 STRIPING PLAN
1/16" = 1'-0"



SHEET NOTES

1. REFER TO SHEET AG101 FOR GENERAL NOTES.



SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty
Construction

DESIGNER

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CLARK NEXSEN LICENSE NUMBER: C-1028



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04/15/2019

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KEY PLAN

SHEET

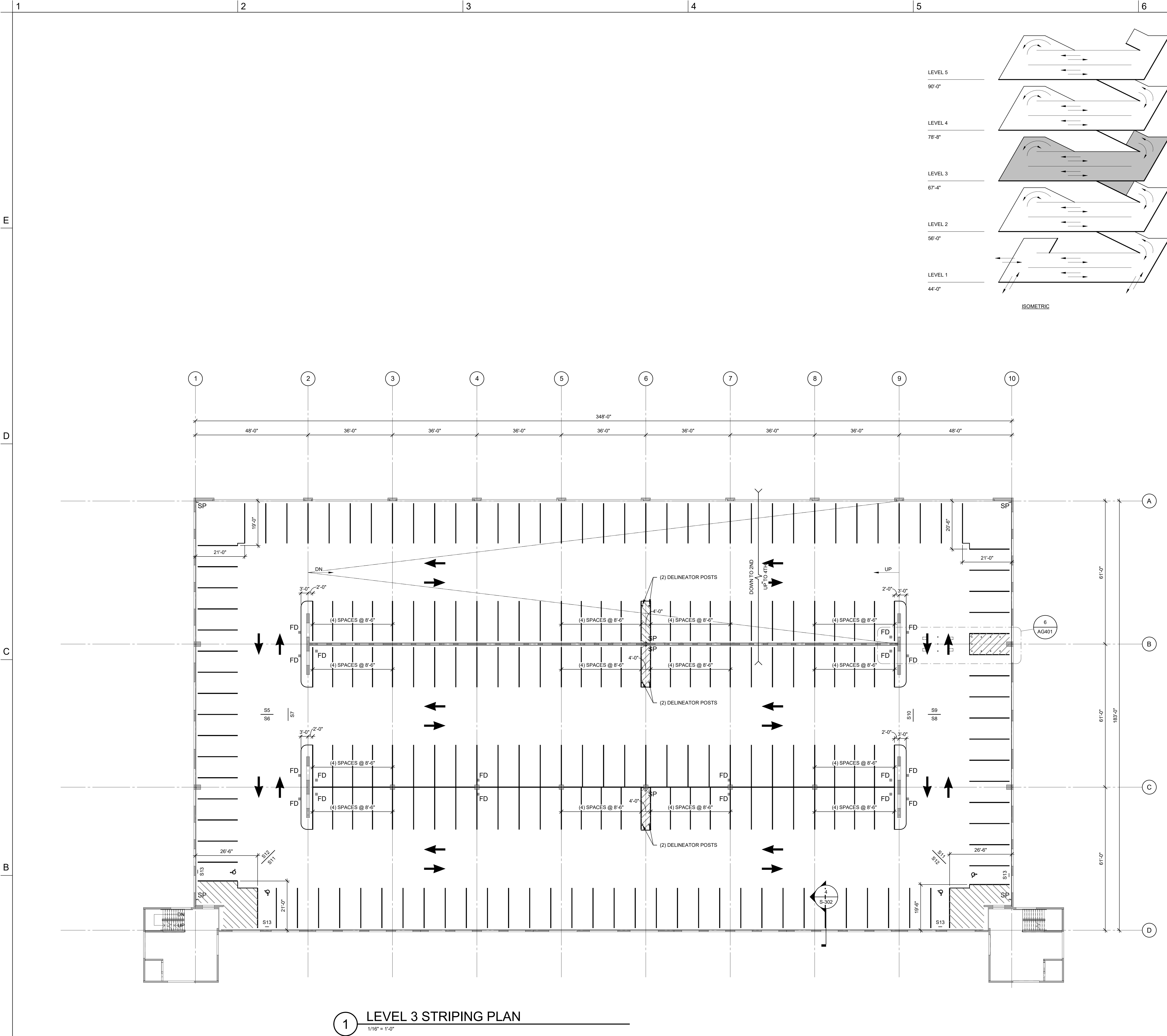
LEVEL 2 STRIPING PLAN

AG102

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

ON PROJECT
NUMBER

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1 LEVEL 3 STRIPING PLAN
1/16" = 1'-0"

SHEET NOTES

1. REFER TO SHEET AG101 FOR GENERAL NOTES.

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SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
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DESIGNER

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SUBMITTAL 01

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KEY PLAN

SHEET

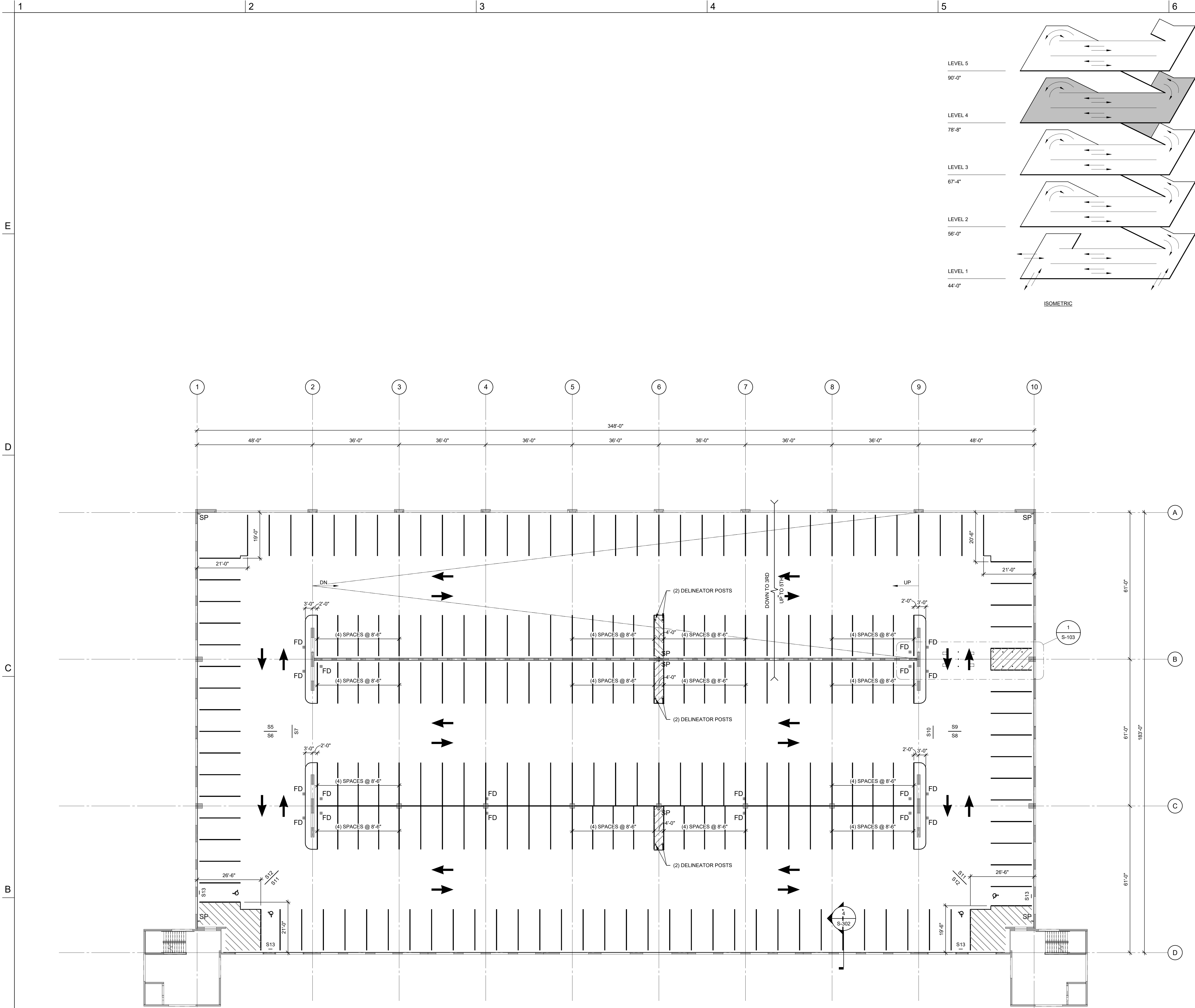
LEVEL 3 STRIPING PLAN

AG103

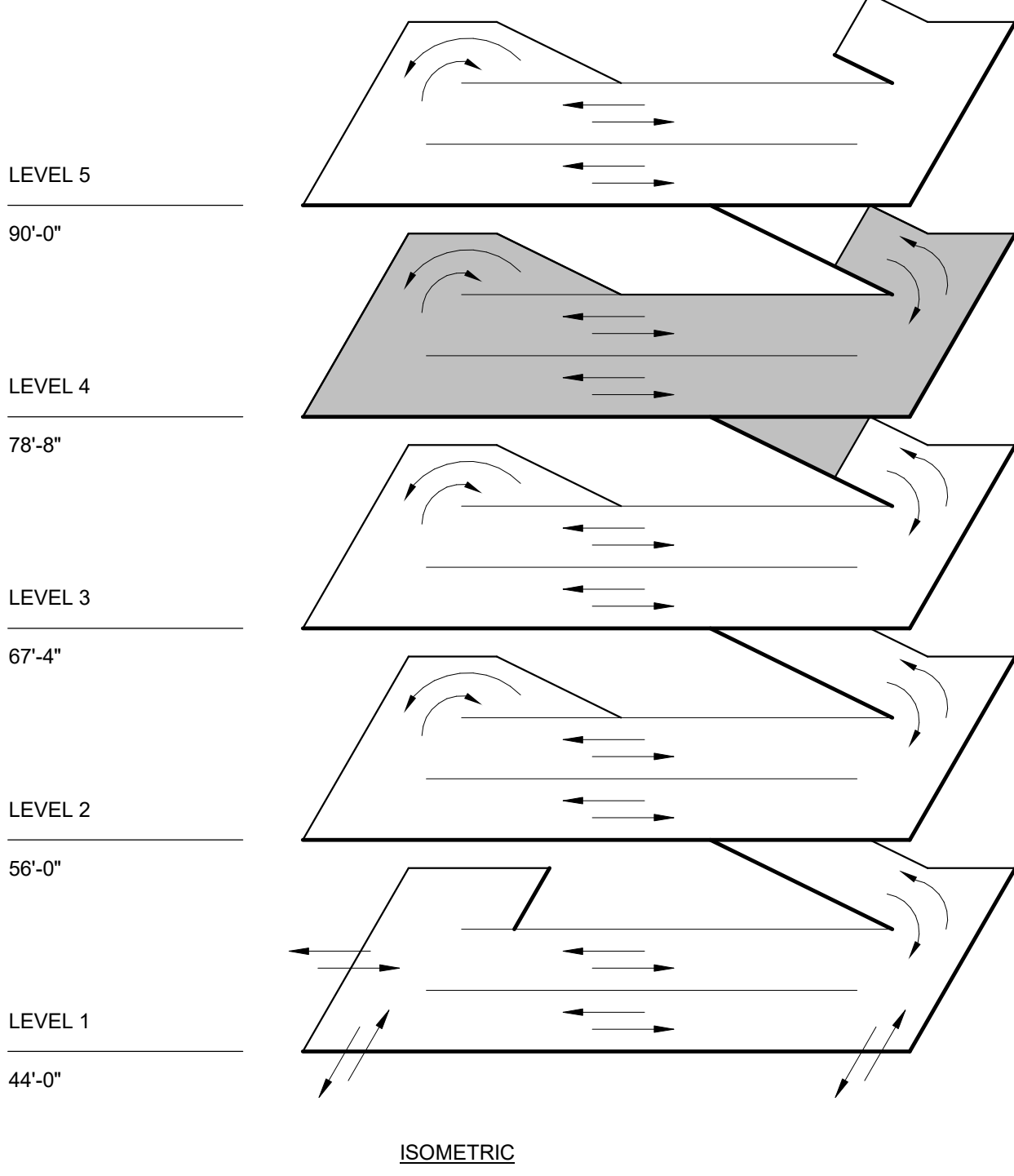
DESIGN: Designer
DRAWN: Author
REVIEW: Checker

ON PROJECT
NUMBER

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1 LEVEL 4 STRIPING PLAN
1/16" = 1'-0"



SHEET NOTES

1. REFER TO SHEET AG101 FOR GENERAL NOTES.



SCO ID NUMBER: 18-19226-01A
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KEY PLAN

SHEET

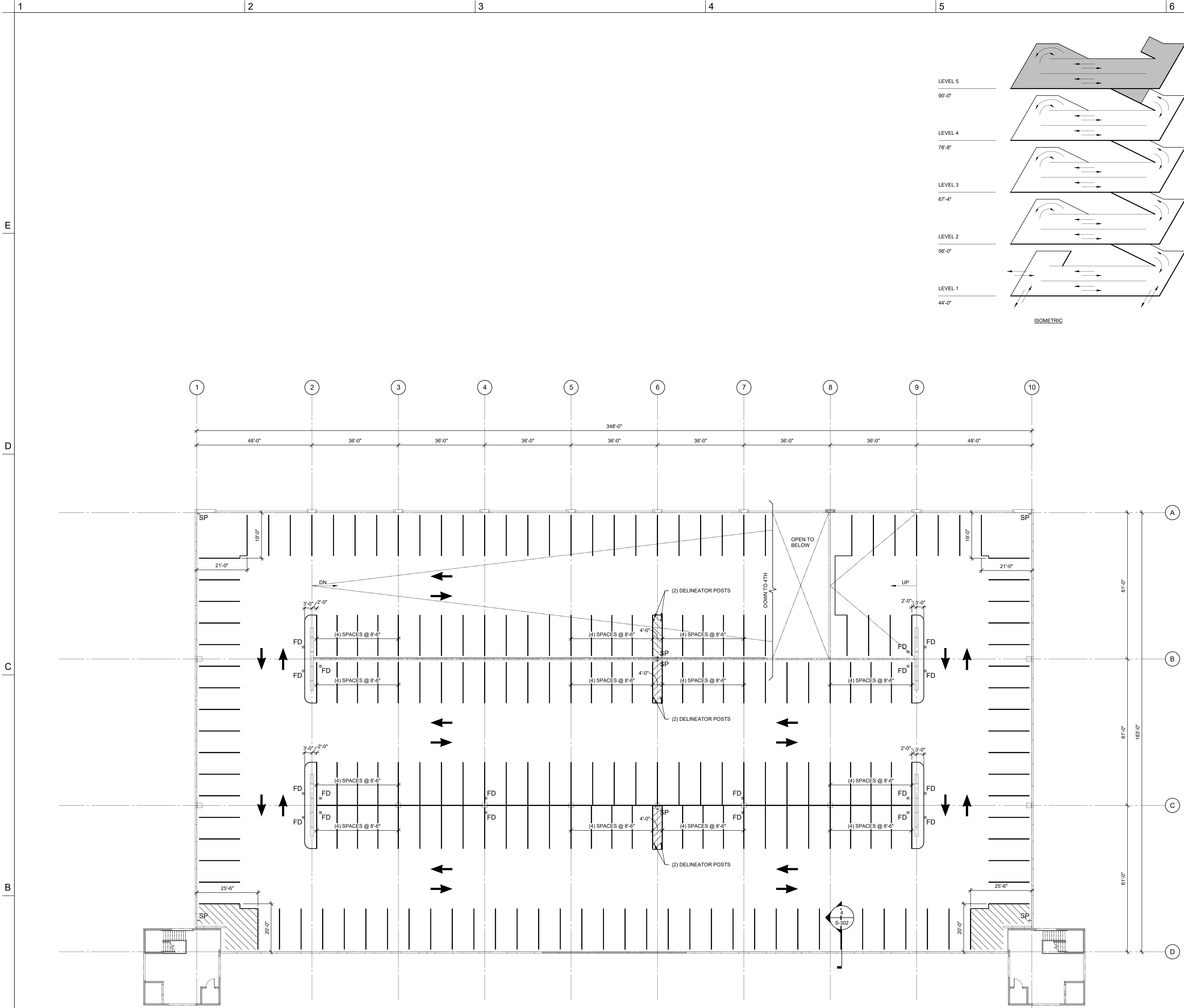
LEVEL 4 STRIPING PLAN

AG104

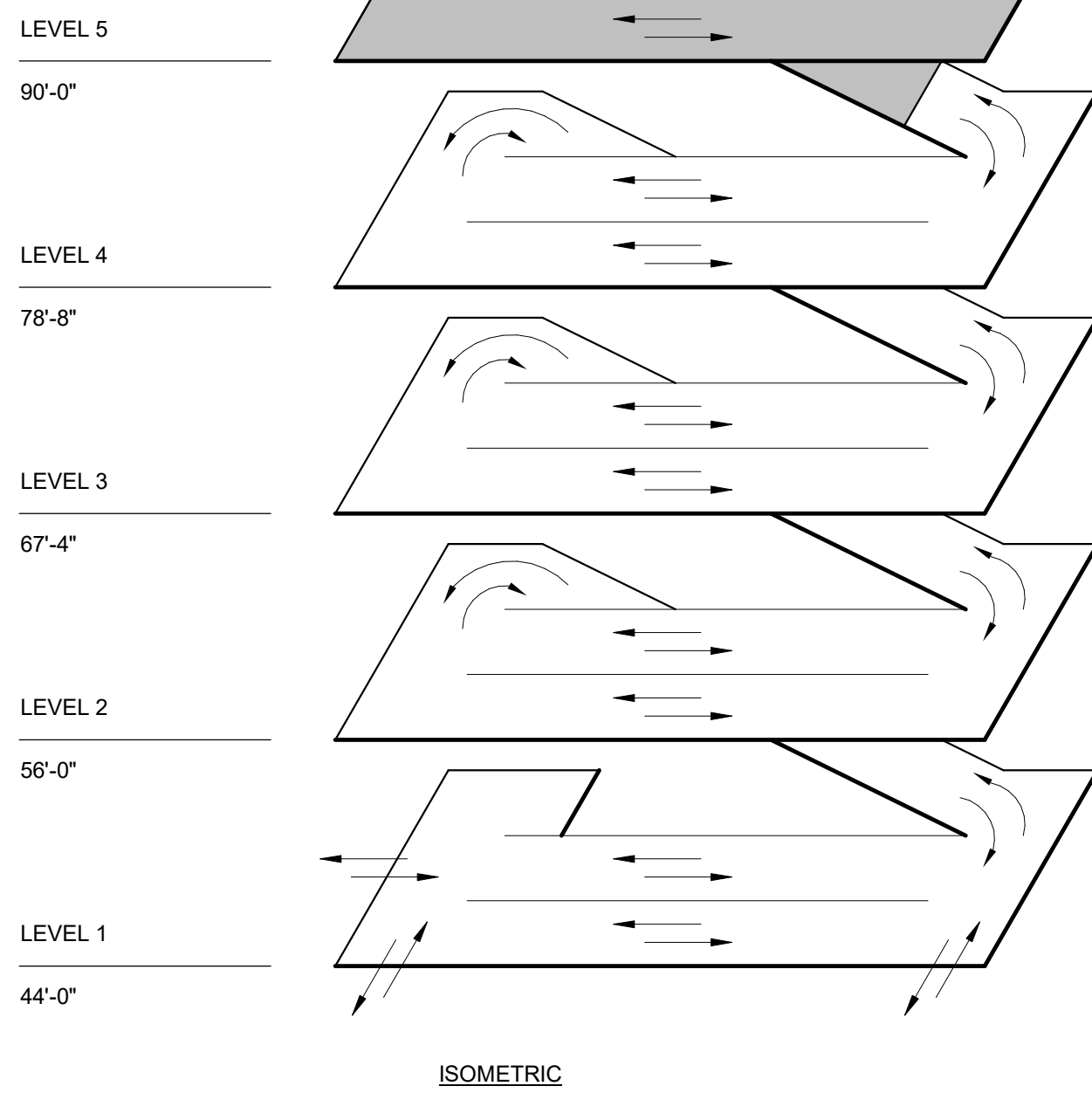
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DRAWN: Author
REVIEW: Checker

ON PROJECT
NUMBER

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1 LEVEL 5 STRIPING PLAN
1/16" = 1'-0"



SHEET NOTES

1. REFER TO SHEET AG101 FOR GENERAL NOTES.

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SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
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DESIGNER
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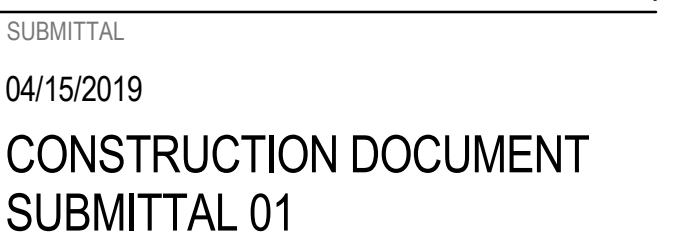
REVISIONS	

KEY PLAN

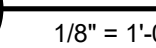
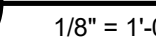
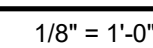
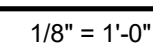
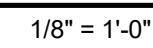
SHEET
LEVEL 5 STRIPING PLAN

AG105

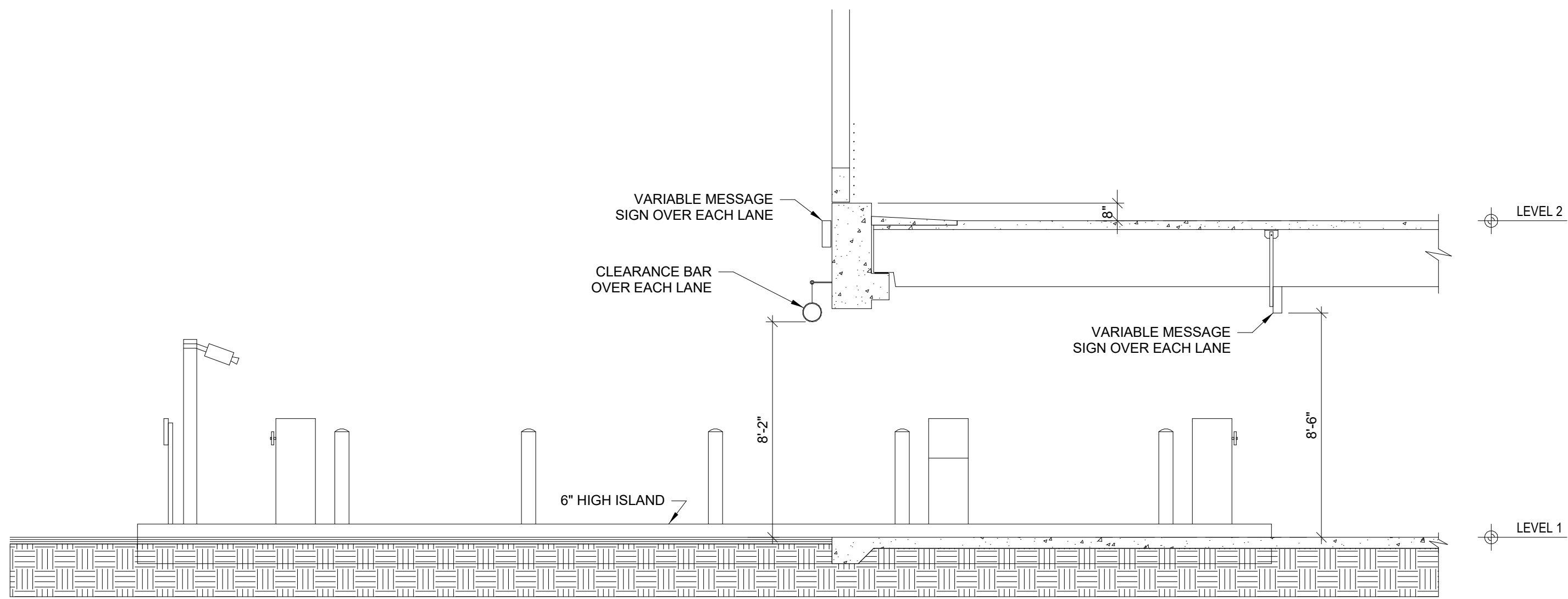
DESIGN: Designer
DRAWN: Author
REVIEW: Checker
ON PROJECT
NUMBER



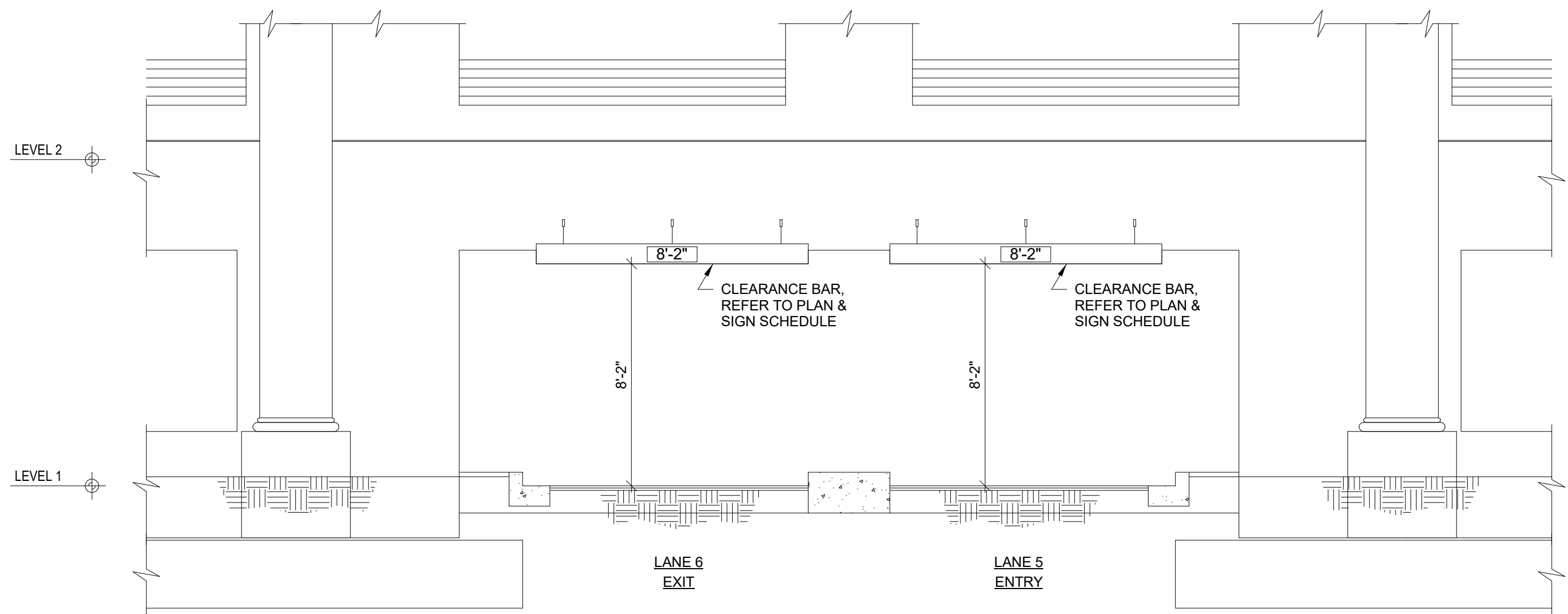
KEY PLAN


$$1/2'' = 1'-0''$$


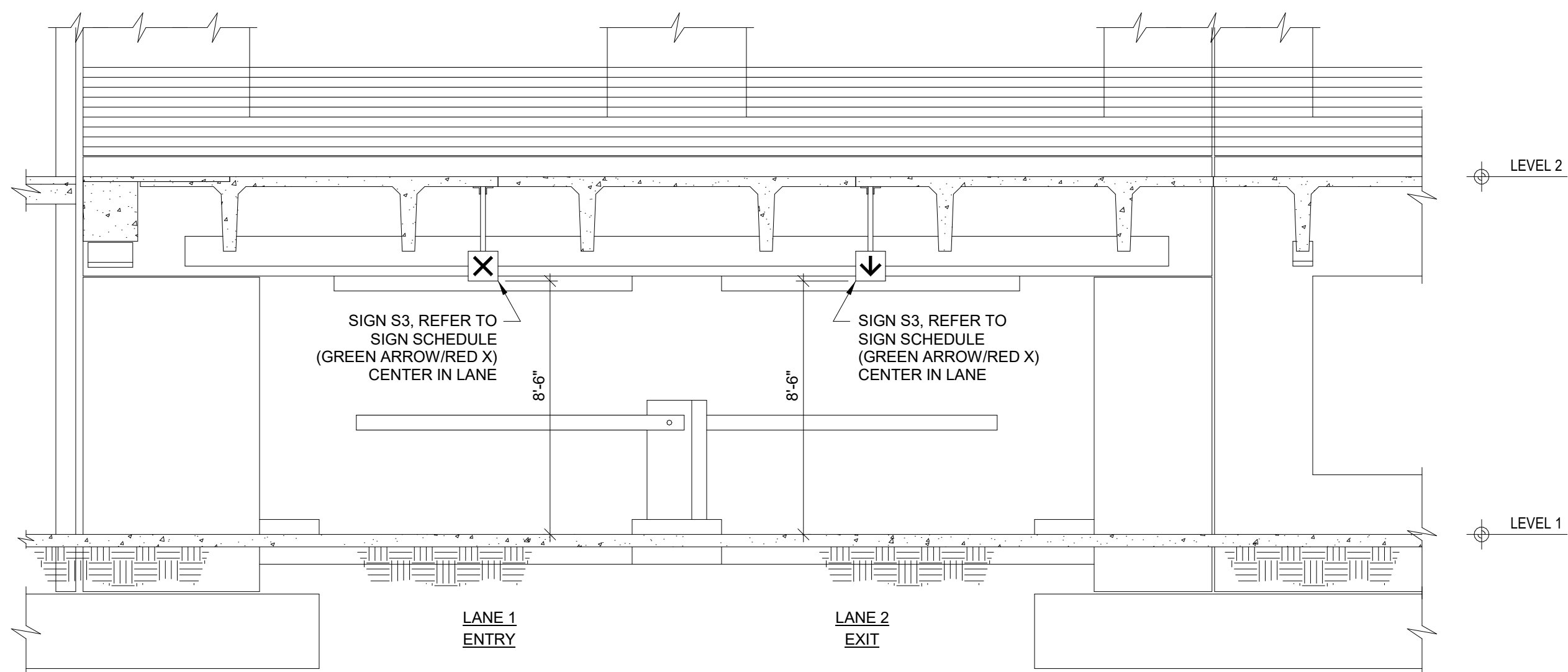
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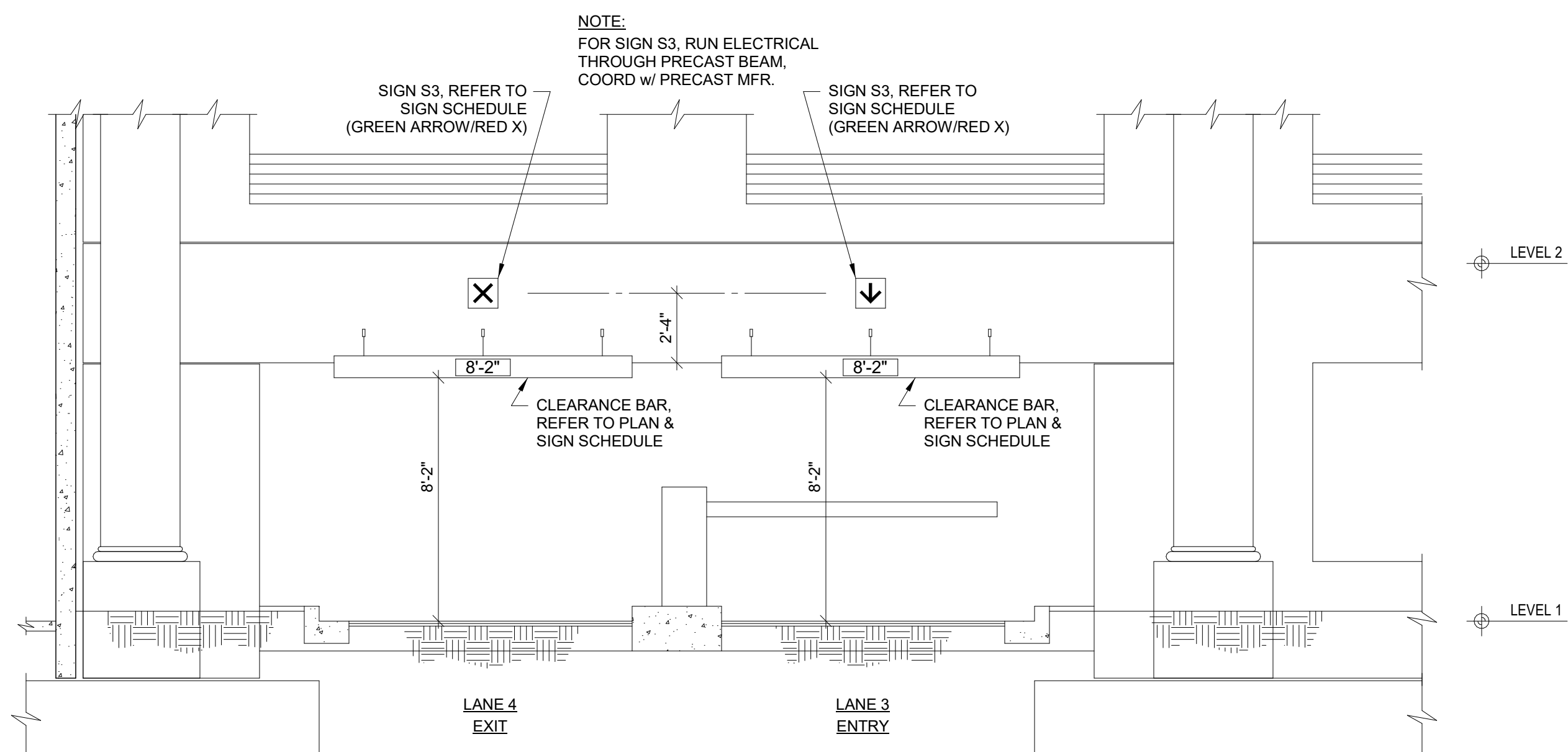
7 SECTION
1/4" = 1'-0"



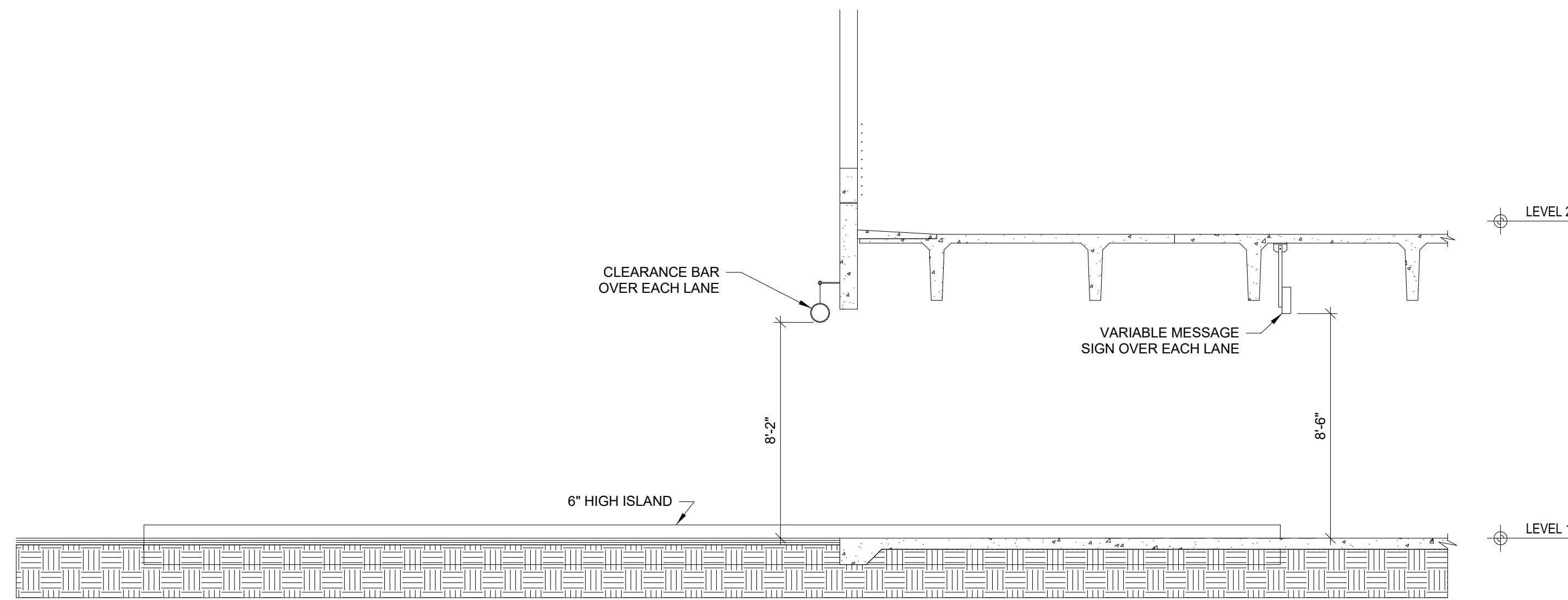
5 ELEVATION
1/4" = 1'-0"



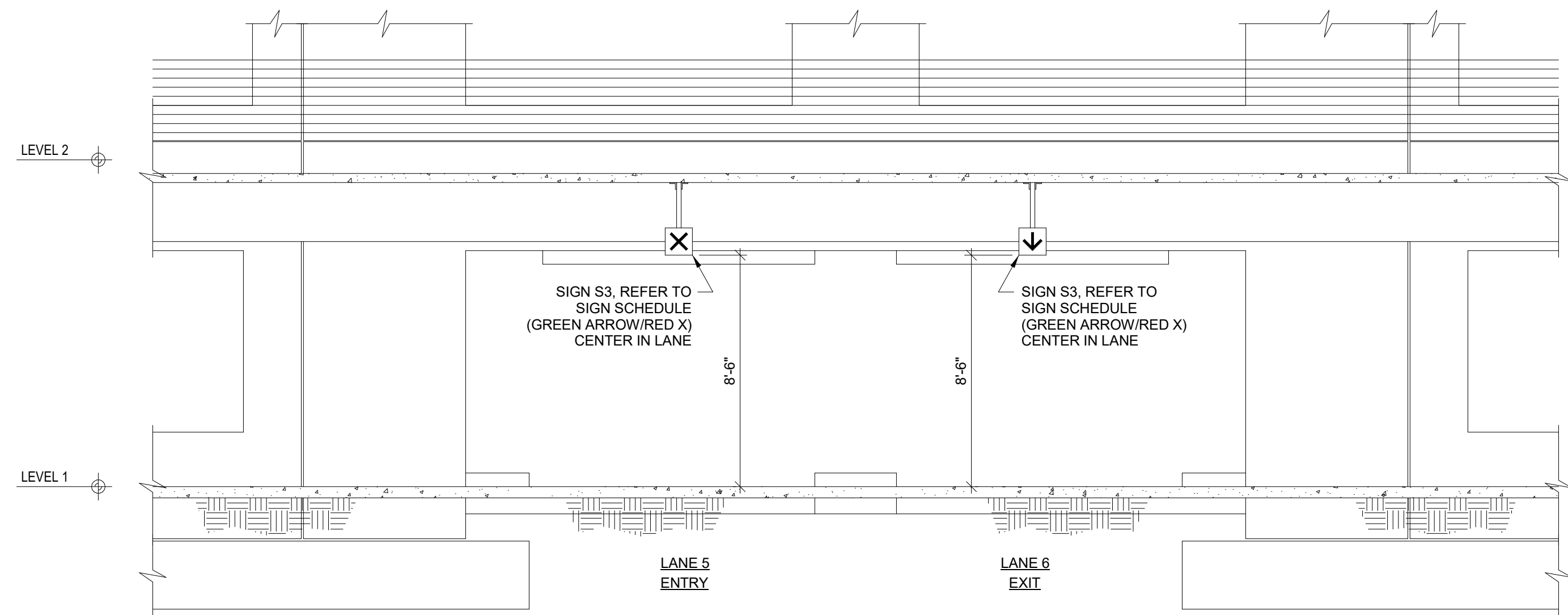
3 ELEVATION
1/4" = 1'-0"



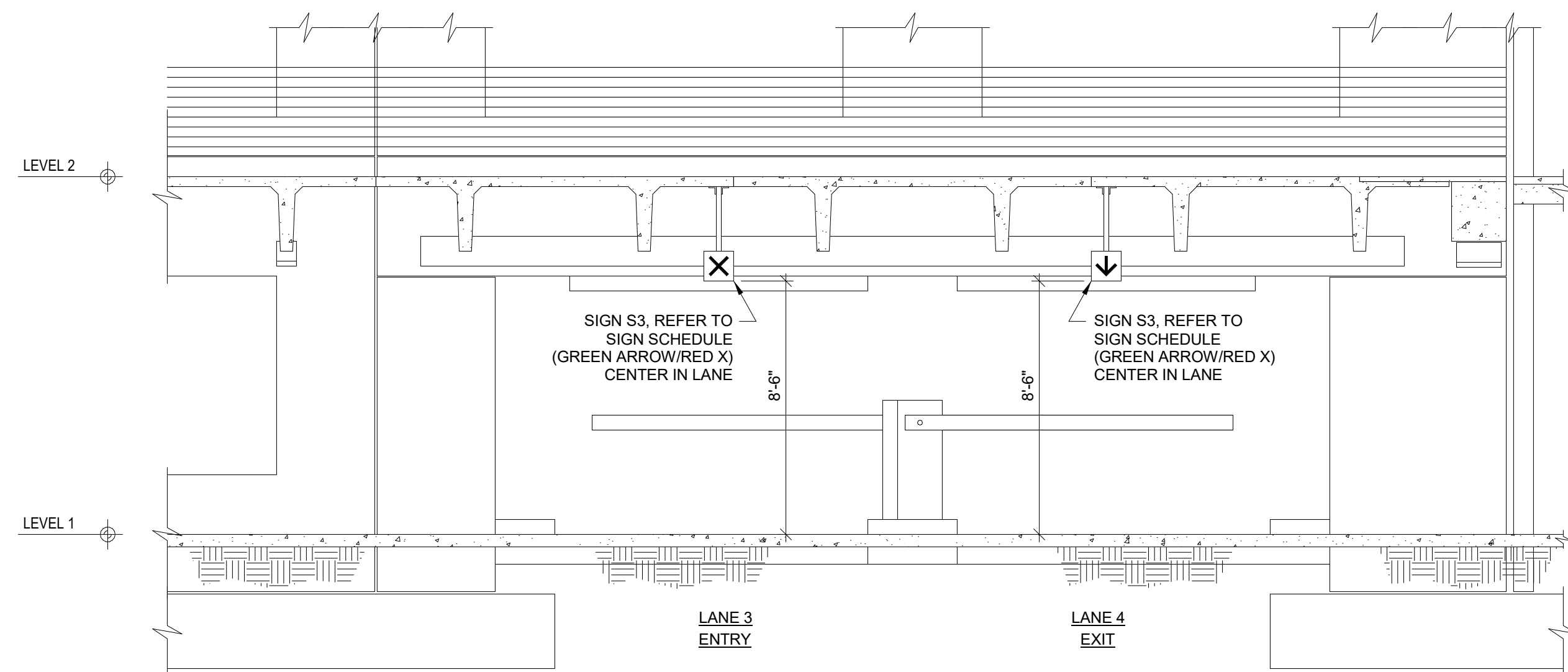
1 ELEVATION
1/4" = 1'-0"



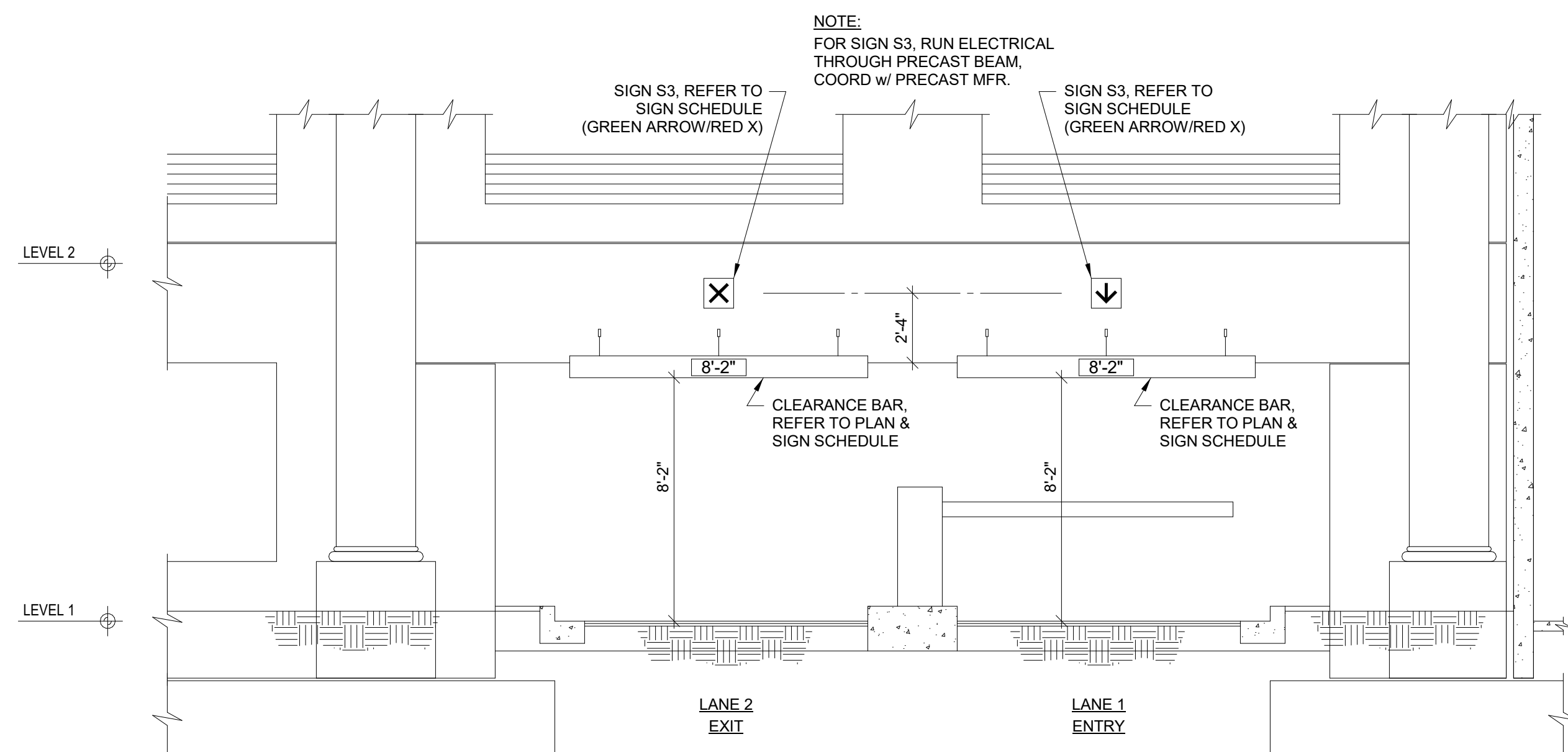
8 SECTION
1/4" = 1'-0"



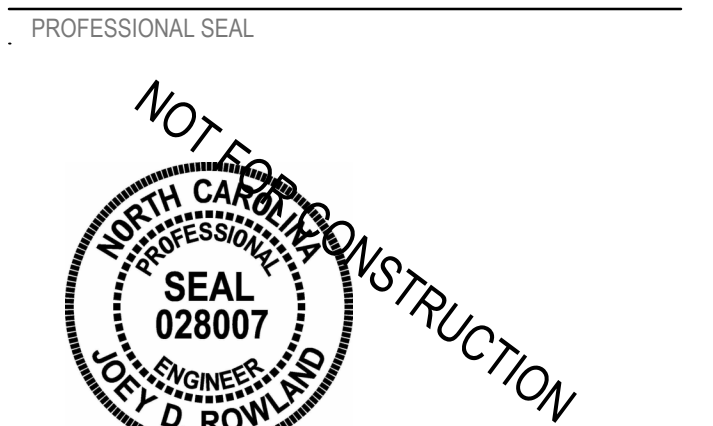
6 ELEVATION
1/4" = 1'-0"



4 ELEVATION
1/4" = 1'-0"



2 ELEVATION
1/4" = 1'-0"



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KEY PLAN

SHEET
ELEVATIONS

AG402

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

ON PROJECT
NUMBER

SIGN GENERAL NOTES:

1. HANGING SIGN SIGN HEIGHT TO BE 2" ABOVE BOTTOM OF BEAMS ON EACH LEVEL. LINES NOTED OTHERWISE.
2. SIGN CONTRACTOR SHALL REVIEW SIGN LOCATIONS PRIOR TO INSTALLATION WITH ENGINEER TO COORDINATE LIGHTING SYSTEM.
3. SIGN SHALL BE REMOVED AND PLUMBED IN PLACE IF NOTED OTHERWISE.
4. WHERE (2) TWO SIGNS ARE MOUNTED BACK TO BACK, SMALLEST SIGN SHALL BE USED TO MATCH LARGE SIGN DIMENSIONS.
5. MAXIMUM SLOP INSET EMBEDMENT LENGTH 1'-11", UNLESS NOTED OTHERWISE.
6. DO NOT SCALE DRAWINGS.
7. BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO STRUCTURE SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION.
8. SEE ARCHITECTURAL GRAPHICS PLANS FOR SIGN LOCATIONS.
9. ILLUMINATION SHALL BE PROVIDED TO MATCH EQUIVALENT.
10. ALL FONTS TO BE HELVETICA, OR APPROVED ALIKE.

SIGN TYPE LEGEND

V	- VEHICULAR (RETROREFLECTIVE TEXT)
R	- REGULATORY (RETROREFLECTIVE)
PVC	- PVC CLEARANCE PIPE
PS	- PEDESTRIAN SUPERGRAPHICS
PP	- PEDESTRIAN PANEL
A	- ADA BRAILLE



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SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty
Construction

DESIGNER

CLARK NEXSEN

1523 ELIZABETH AVENUE, SUITE 300
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704-377-8800

CLARK NEXSEN LICENSE NUMBER: C-1028



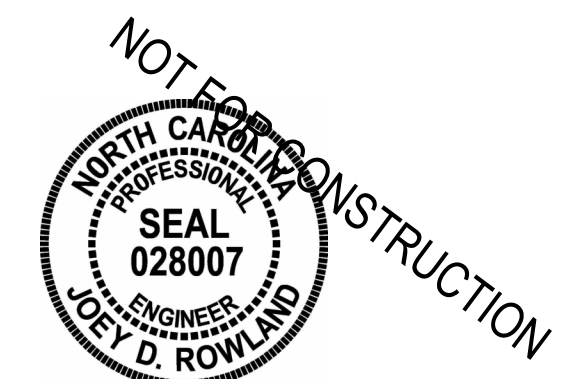
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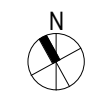
04/15/2019

CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

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KEY PLAN



SHEET

SIGN & PACS NOTES

AG601

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

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NUMBER

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1

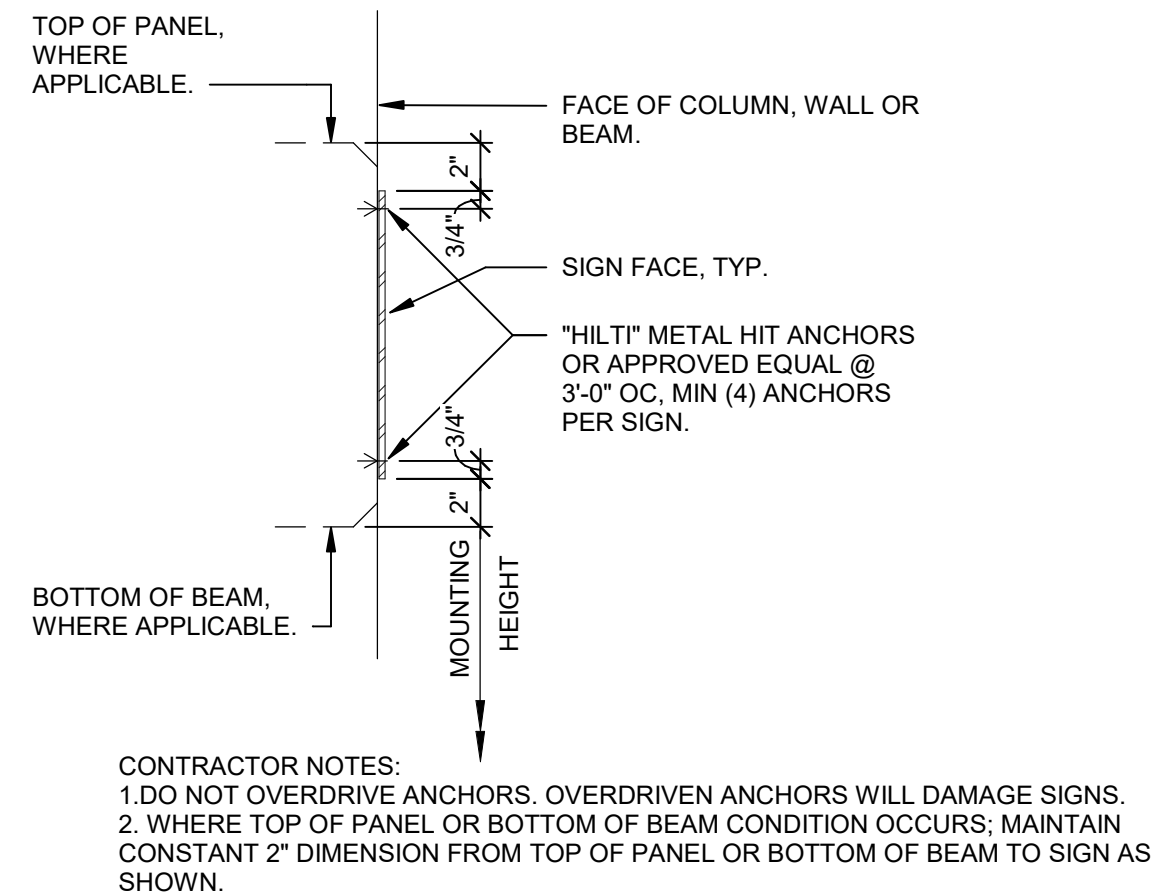
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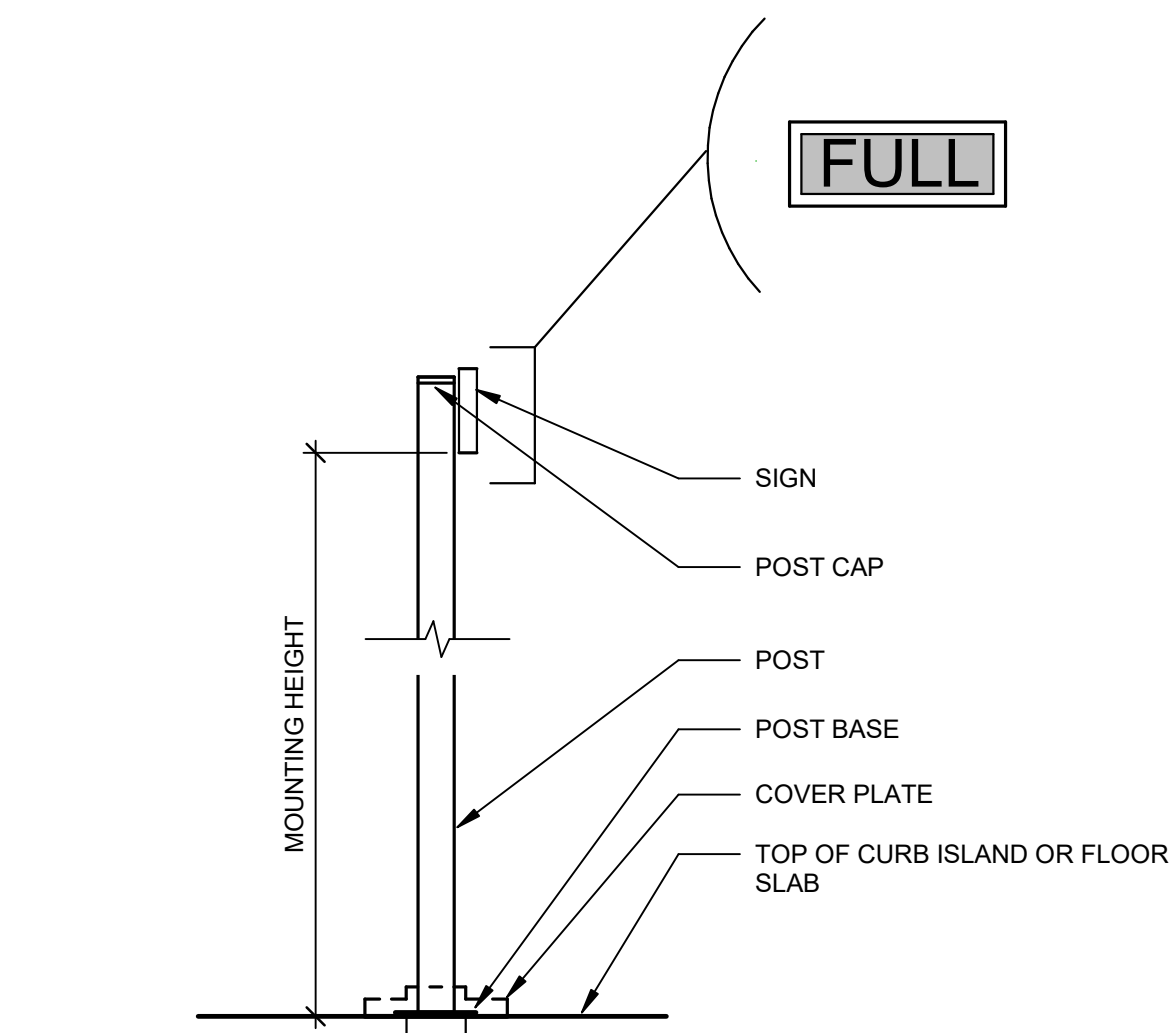
5

6



9 SIGN MOUNTING DETAIL

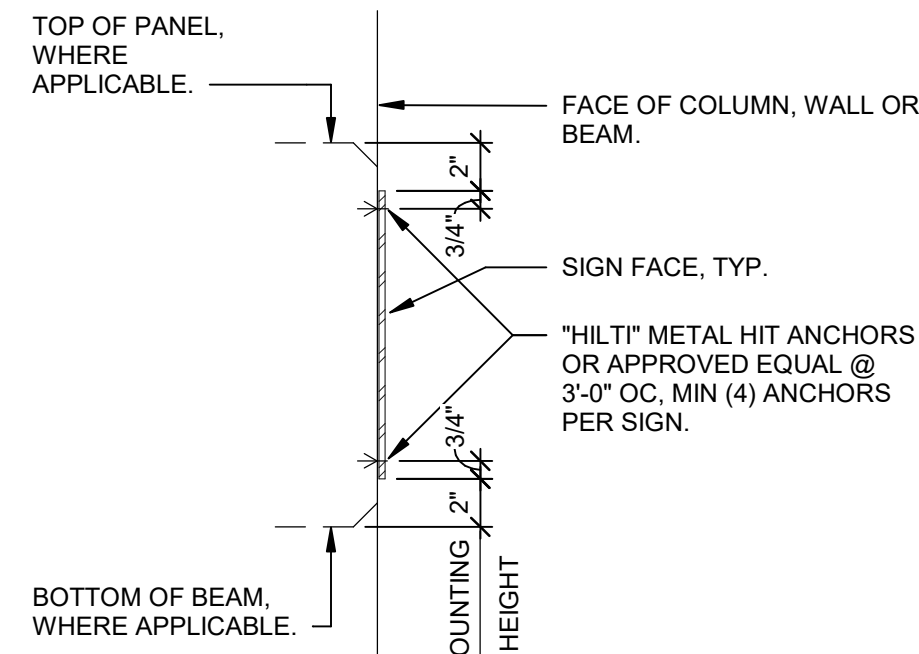
1 1/2" = 1'-0"



- NOTES:
1. POST, MOUNTING HARDWARE AND ANCHORS TO BE BY SIGN MANUFACTURER
2. POST TO BE SHIMMED TO VERTICAL. SIGN BOX, HOOD, POST, AND ALL EXPOSED HARDWARE TO BE PAINTED TO MATCH PARKING EQUIPMENT.
3. SIGN CONTRACTOR TO COORDINATE INSTALLATION WITH PARKING EQUIPMENT CONTRACTOR.

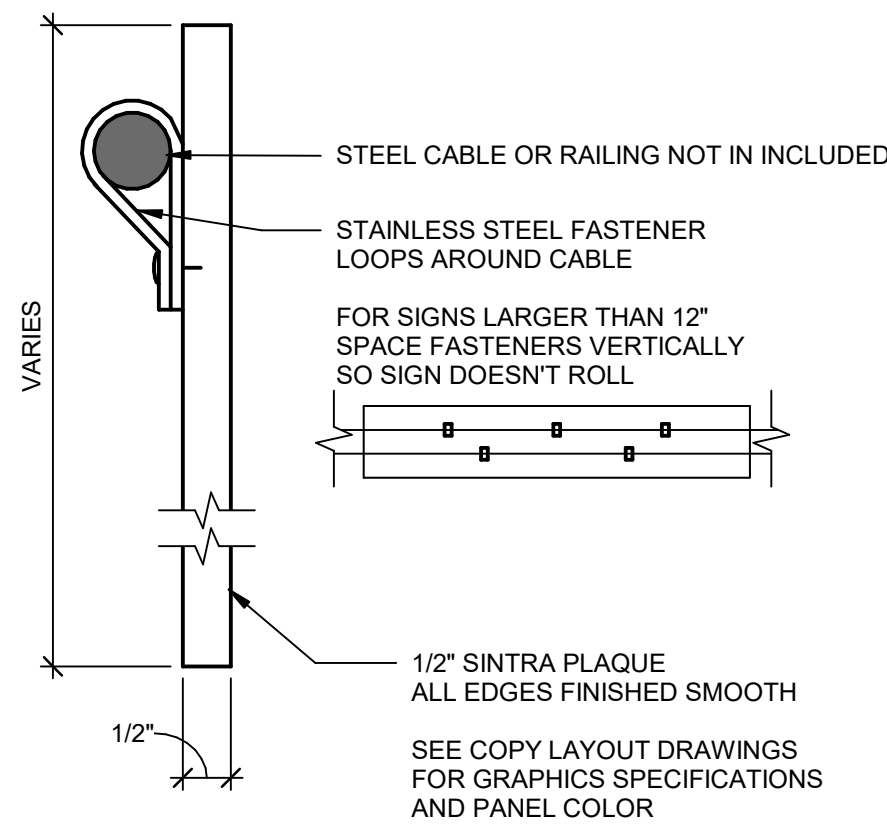
8 SIGN MOUNTING DETAIL

3/4" = 1'-0"



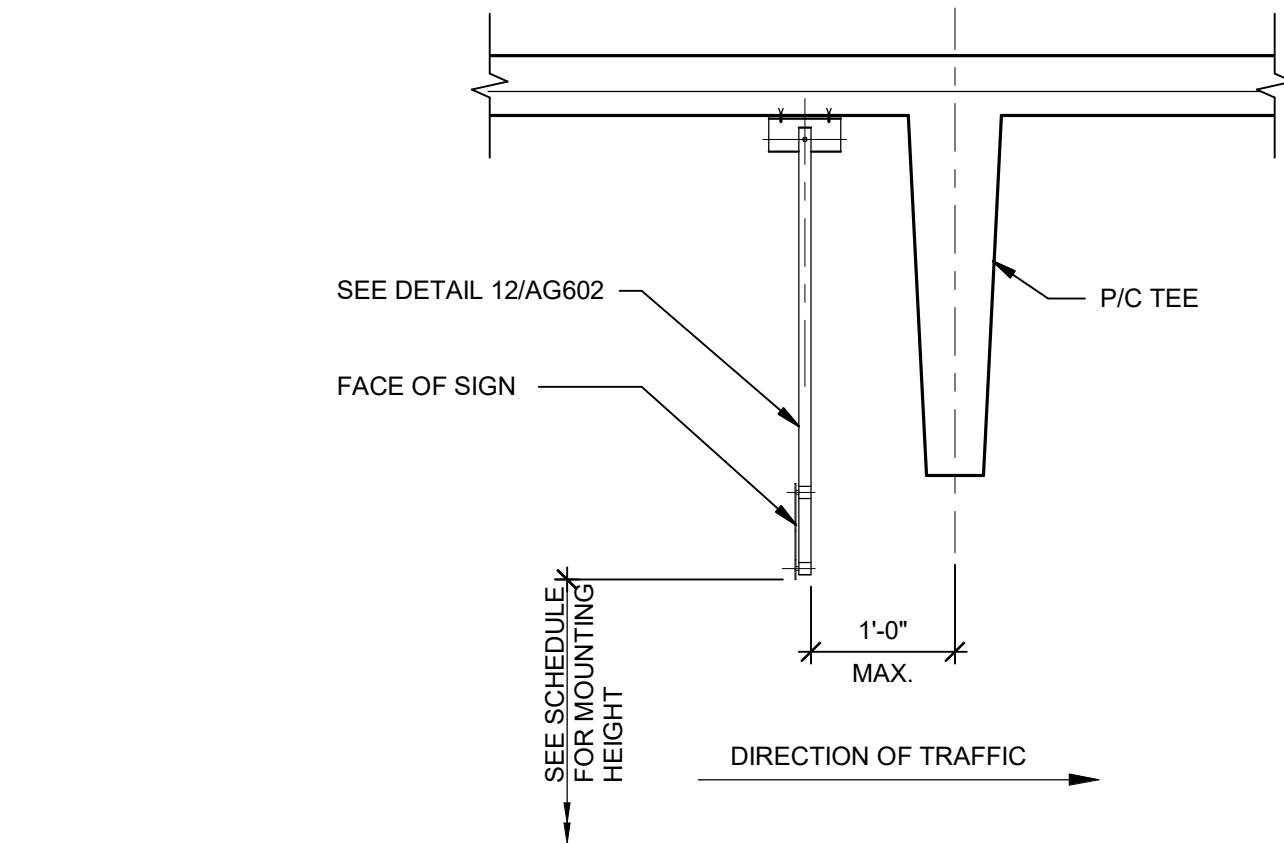
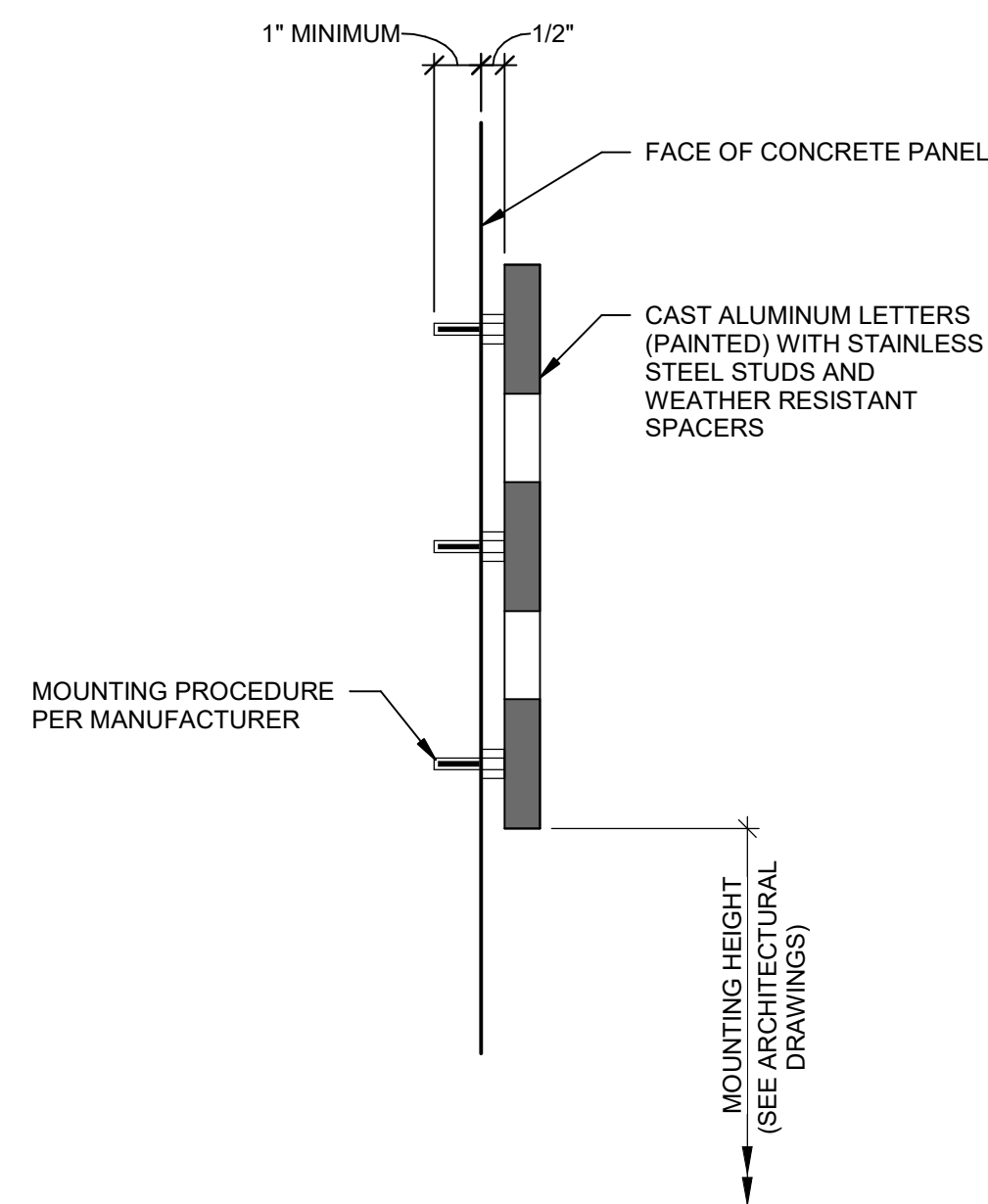
10 SIGN MOUNTING DETAIL

6" = 1'-0"



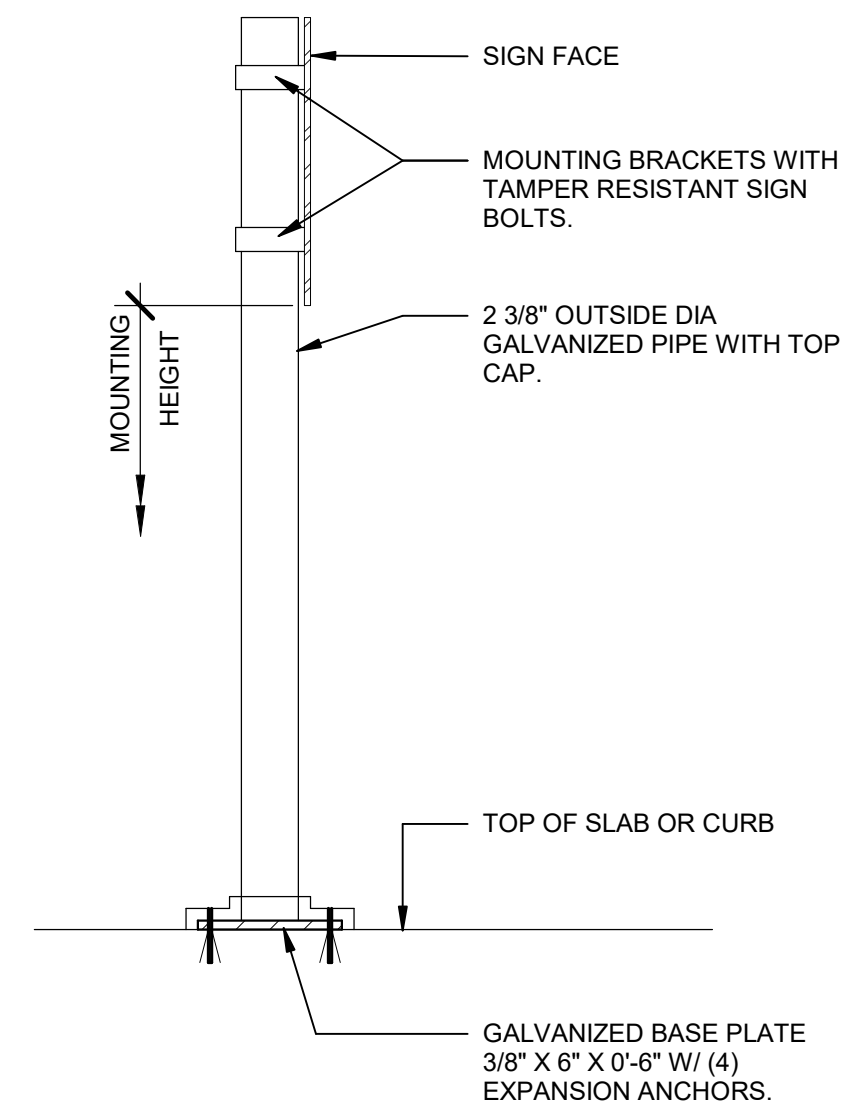
11 SIGN MOUNTING DETAIL

3" = 1'-0"



5 SIGN MOUNTING DETAIL

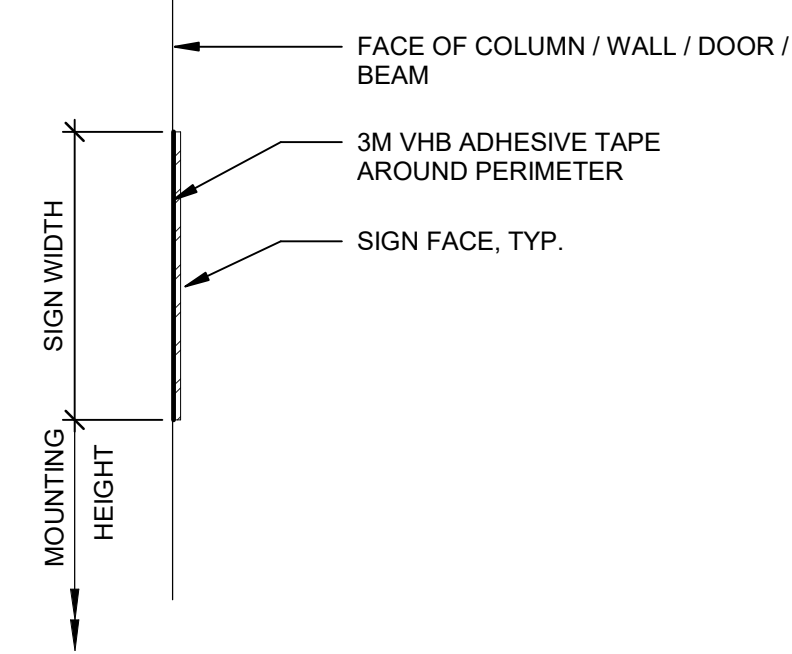
3/4" = 1'-0"



- NOTES:
1. SIGN POST TO BE SHIMMED TO VERTICAL.

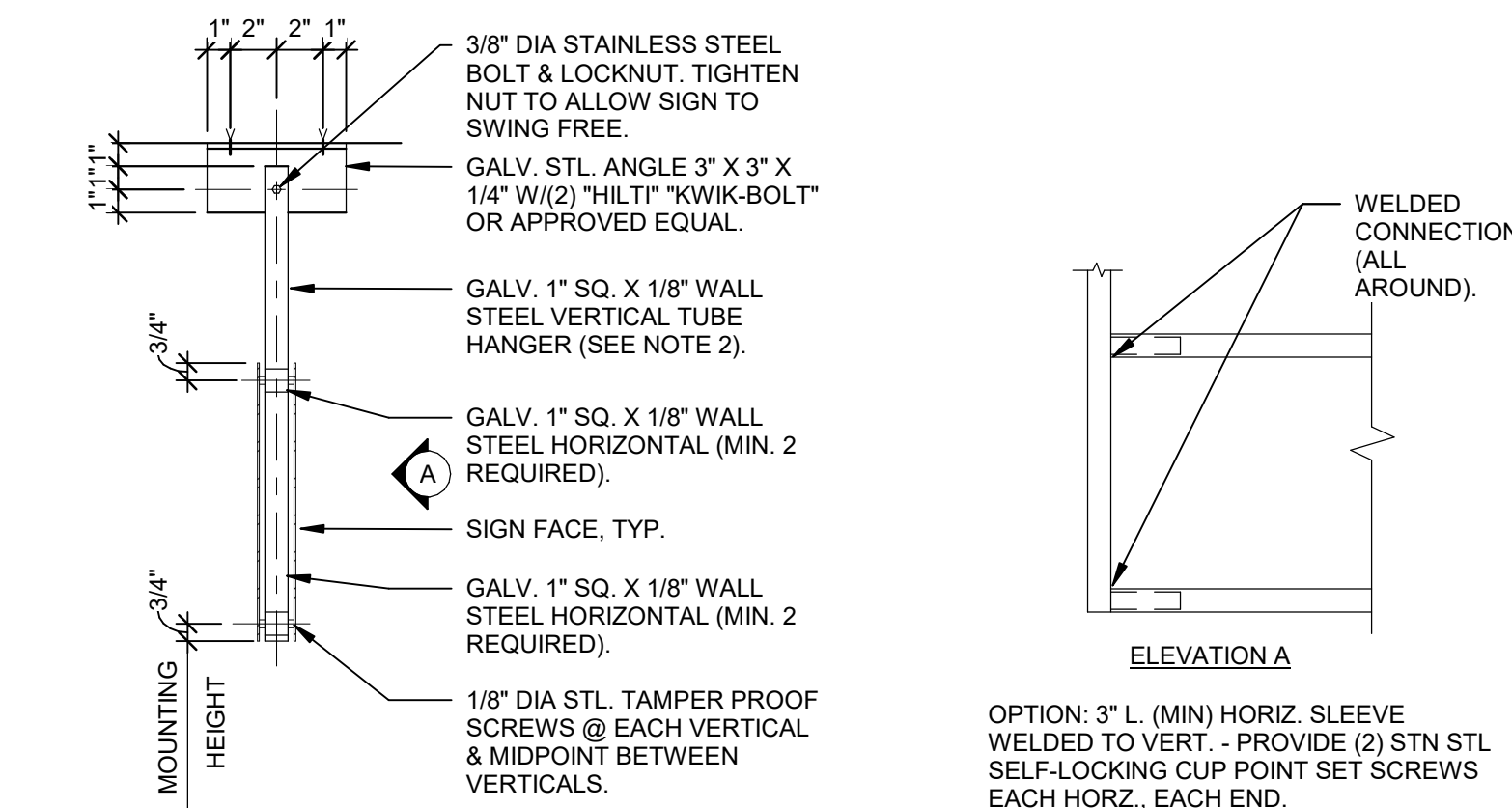
4 SIGN MOUNTING DETAIL

1 1/2" = 1'-0"



7 SIGN MOUNTING DETAIL

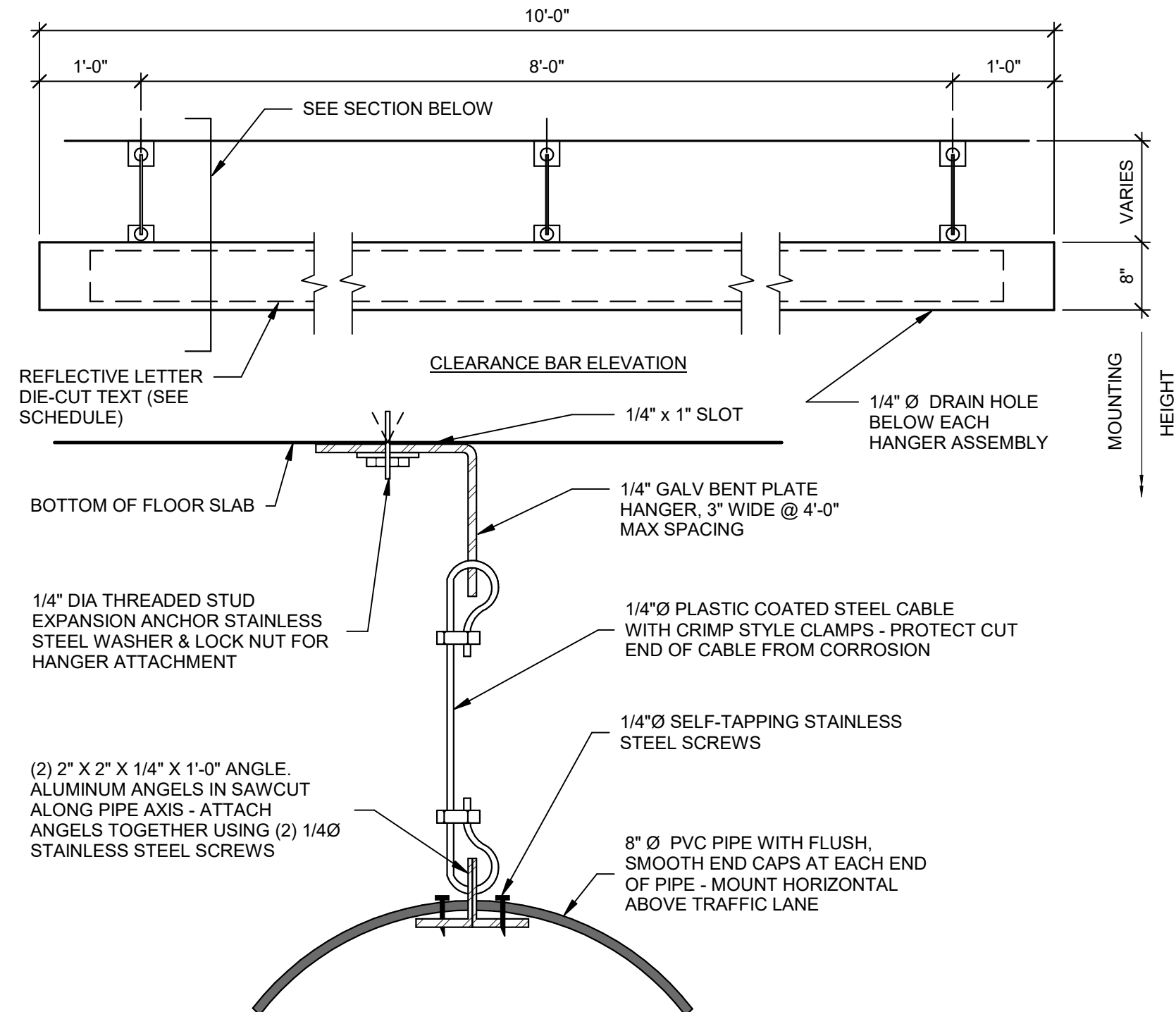
1 1/2" = 1'-0"



- NOTES:
1. HANGER SPACING 3'-0" OC MAX. - MIN. (2) HANGERS PER SIGN.
2. OPTIONAL HANGER CONNECTION - 3/8" STAINLESS STEEL CLEVIS PIN W/ HAIRPIN COTTER.
3. MAX SIGN CANTILEVER 1'-0".

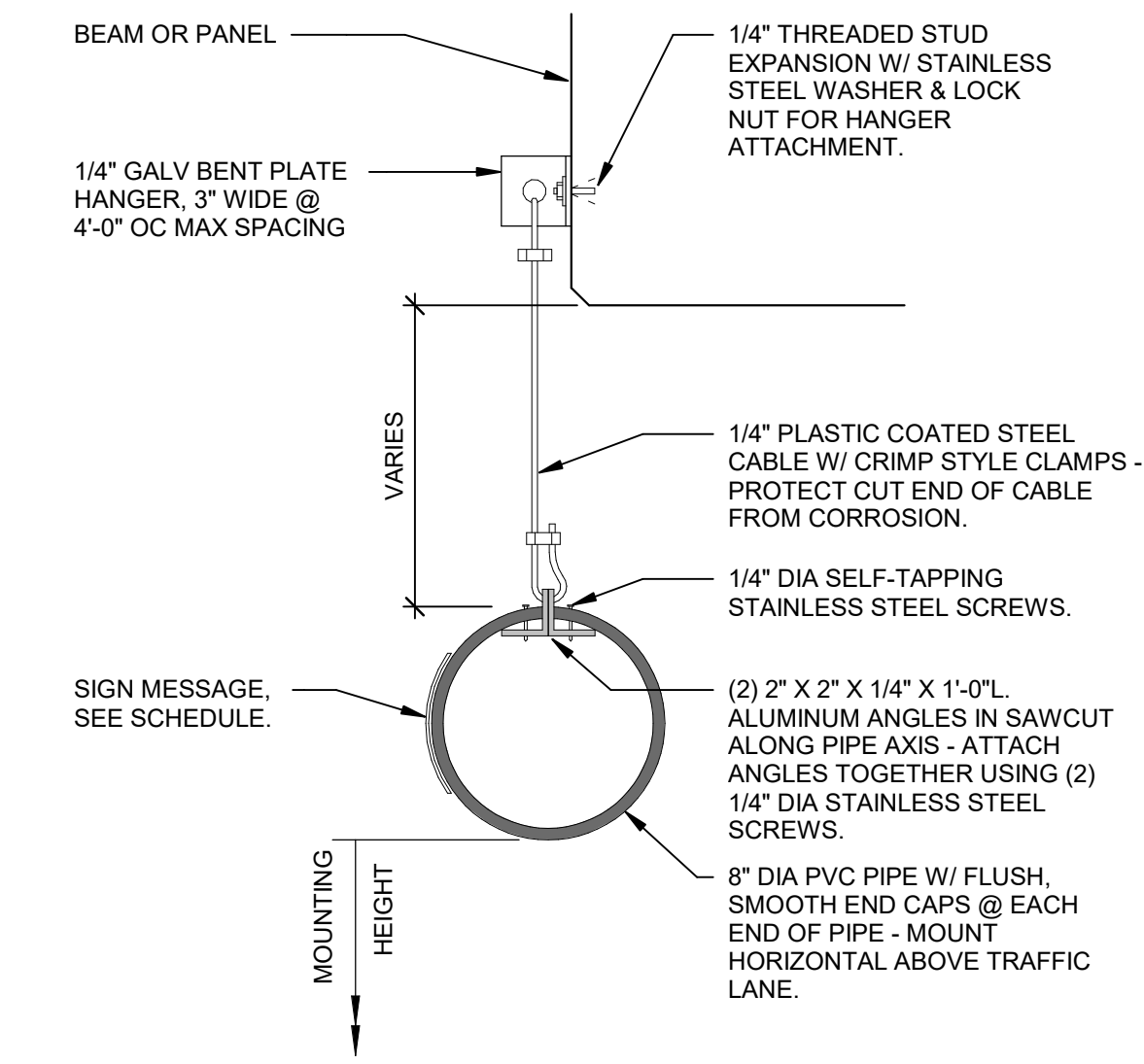
6 SIGN MOUNTING DETAIL

1 1/2" = 1'-0"



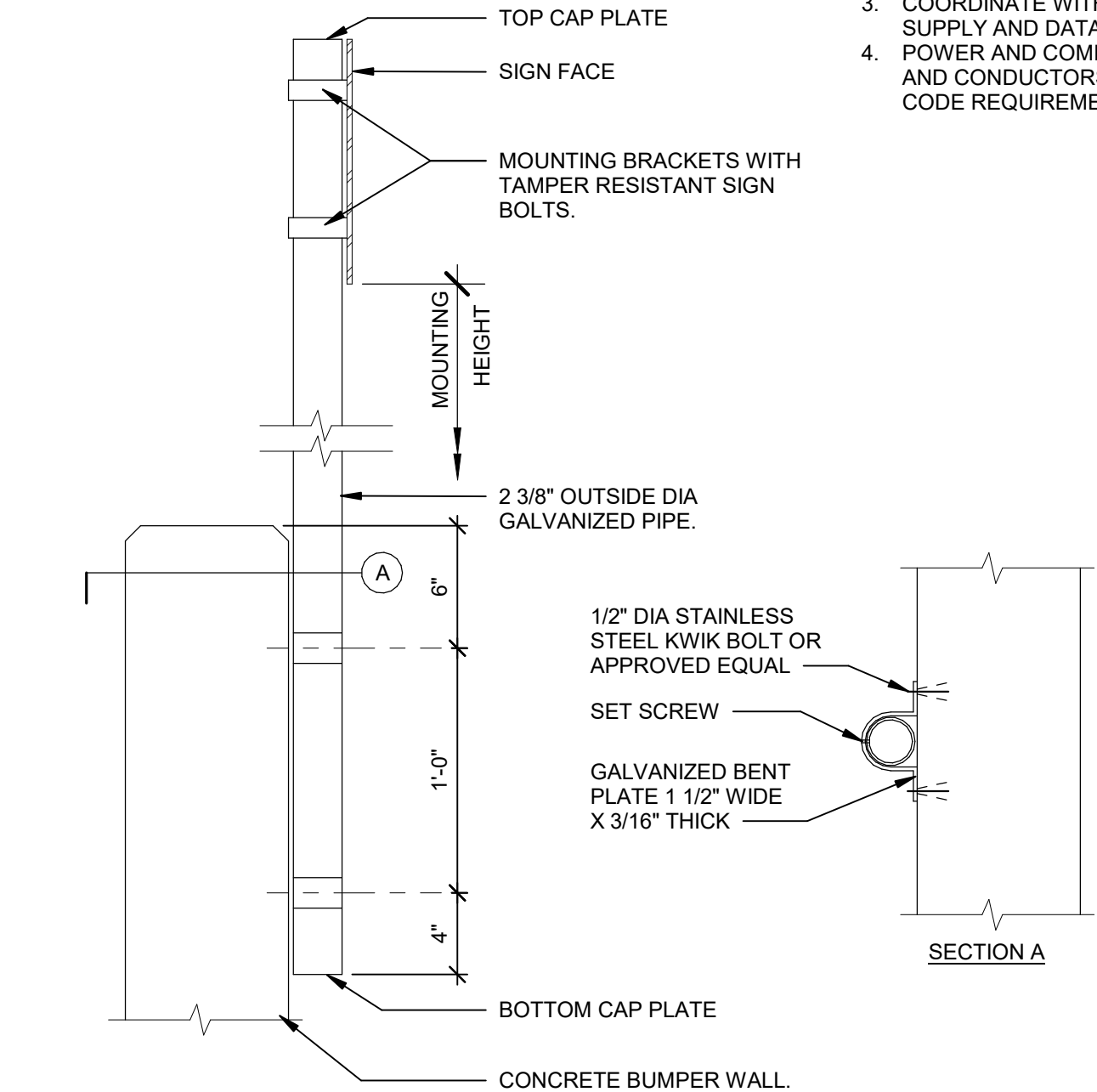
1 SIGN MOUNTING DETAIL

3/4" = 1'-0"



2 SIGN MOUNTING DETAIL

1 1/2" = 1'-0"



- NOTES:
1. SIGN POST TO BE VERTICAL.
2. LOCATE REINFORCEMENT PRIOR TO INSTALLATION OF BENT PLATE BRACKETS.

3 SIGN MOUNTING DETAIL

1 1/2" = 1'-0"

PACS GENERAL NOTES:
1. DRAWINGS ARE SCHEMATIC. PACS CONTRACTOR TO COORDINATE FINAL CONDUIT QUANTITIES, SIZES, LOCATION OF CONDUIT STUB UPS, PROTECTIVE BOLLARDS, AND EQUIPMENT MOUNTING LOCATIONS.

PACS ELECTRICAL NOTES:
1. ALL EXPOSED CONDUIT TO BE RIGID HOT DIPPED GALVANIZED.
2. SEE EQUIPMENT LEGEND FOR POWER REQUIREMENTS.
3. COORDINATE WITH CIVIL AND ELECTRICAL DRAWINGS FOR POWER SUPPLY AND DATA LINE INTERFACES.
4. POWER AND COMMUNICATIONS SHALL BE LESS THAN 3% CONDUITS AND CONDUCTORS SHALL BE SIZED PER THE NATIONAL ELECTRICAL CODE REQUIREMENTS. CONSULT ELECTRICAL ENGINEER FOR DETAILS.



UNIVERSITY of NORTH CAROLINA WILMINGTON
601 S COLLEGE ROAD
WILMINGTON, NORTH CAROLINA 28403
PARKING DECK II AND SURFACE
PARKING (DESIGN-BUILD)
SOUTH CAMPUS - 4965 RIEGEL ROAD

SCO ID NUMBER: 18-19226-01A
CODE: 41828
ITEM: 301

CONTRACTOR
Balfour Beatty
Construction

DESIGNER



CLARK NEXSEN

1523 ELIZABETH AVENUE, SUITE 300
CHARLOTTE, NORTH CAROLINA 28204
704-377-8800

CLARK NEXSEN LICENSE NUMBER: C-1028

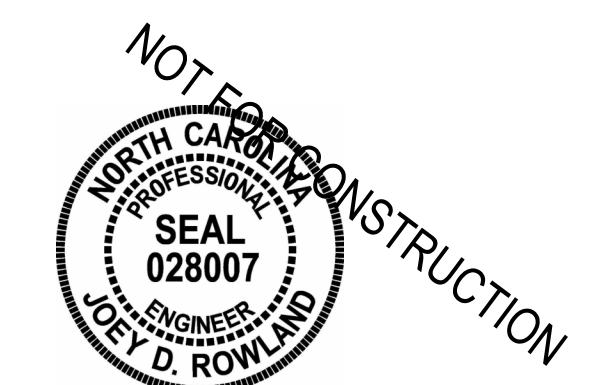


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PROFESSIONAL SEAL



SUBMITTAL

04/15/2019

CONSTRUCTION DOCUMENT
SUBMITTAL 01

REVISIONS

NO.	DESCRIPTION	DATE

KEY PLAN

SHEET

SIGNS & MOUNTING DETAILS

AG602

DESIGN: Designer
DRAWN: Author
REVIEW: Checker

ON PROJECT
NUMBER