

CITY OF MADISON

OVERTURE CENTER GARAGE SCREENING 318 WEST MIFFLIN STREET MADISON, WI

CITY OF MADISON PROJECT NO. 9176

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TITLE SHEET

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ARCHITECTURAL

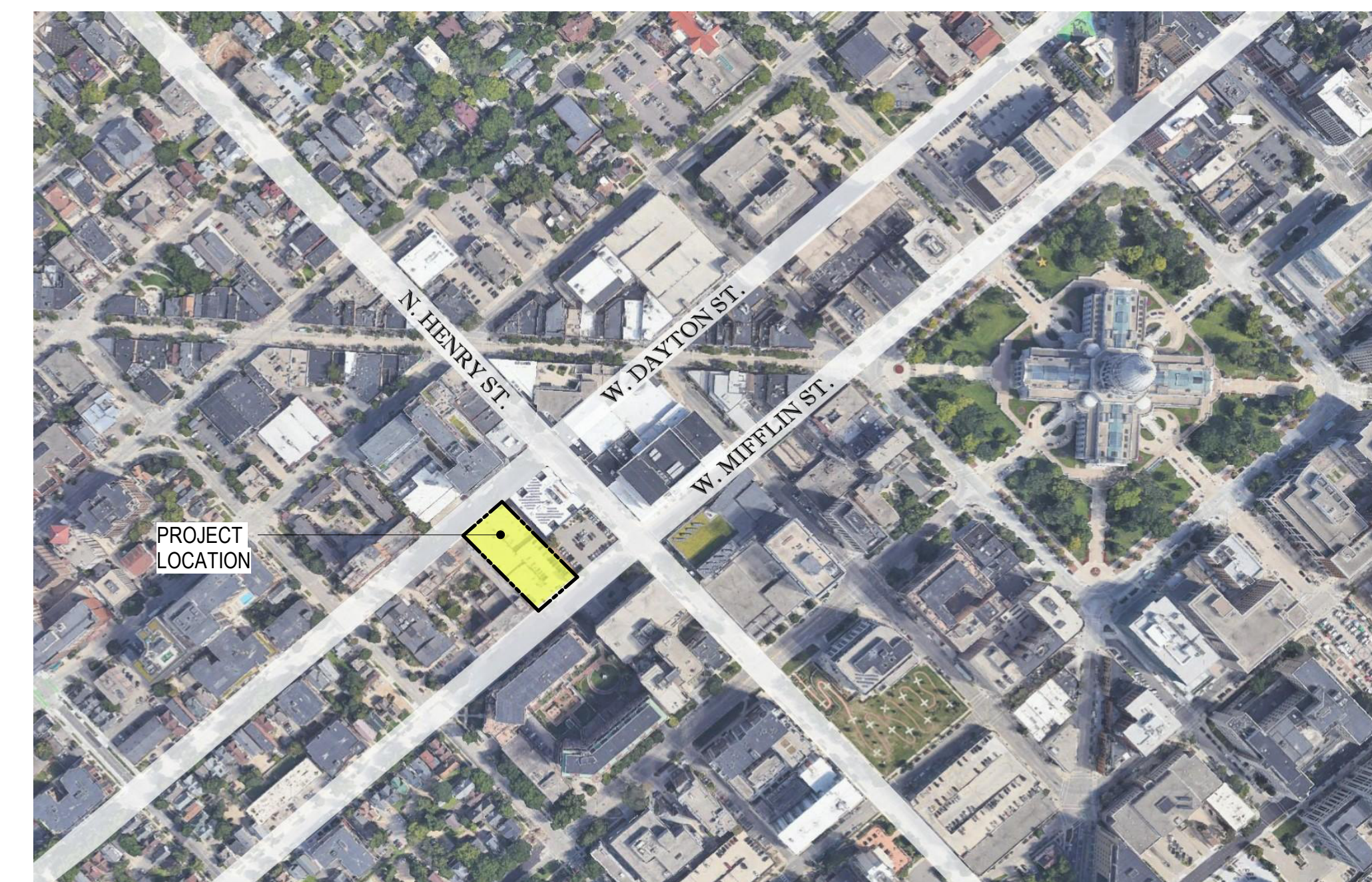
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PROJECT LOCATION

12" = 1'-0"



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PROJECT TITLE:
OVERTURE CENTER GARAGE
SCREENING

318 WEST MIFFLIN STREET
MADISON, WI

ISSUE:

100% OWNER REVIEW SET - NOT FOR CONSTRUCTION

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PROJECT NUMBER: 2019-5035.01
DATE: 03/08/2022
DRAWN BY: HAJ/EKS
CHECKED BY: CWH
APPROVED BY: DW
SCALE: AS NOTED

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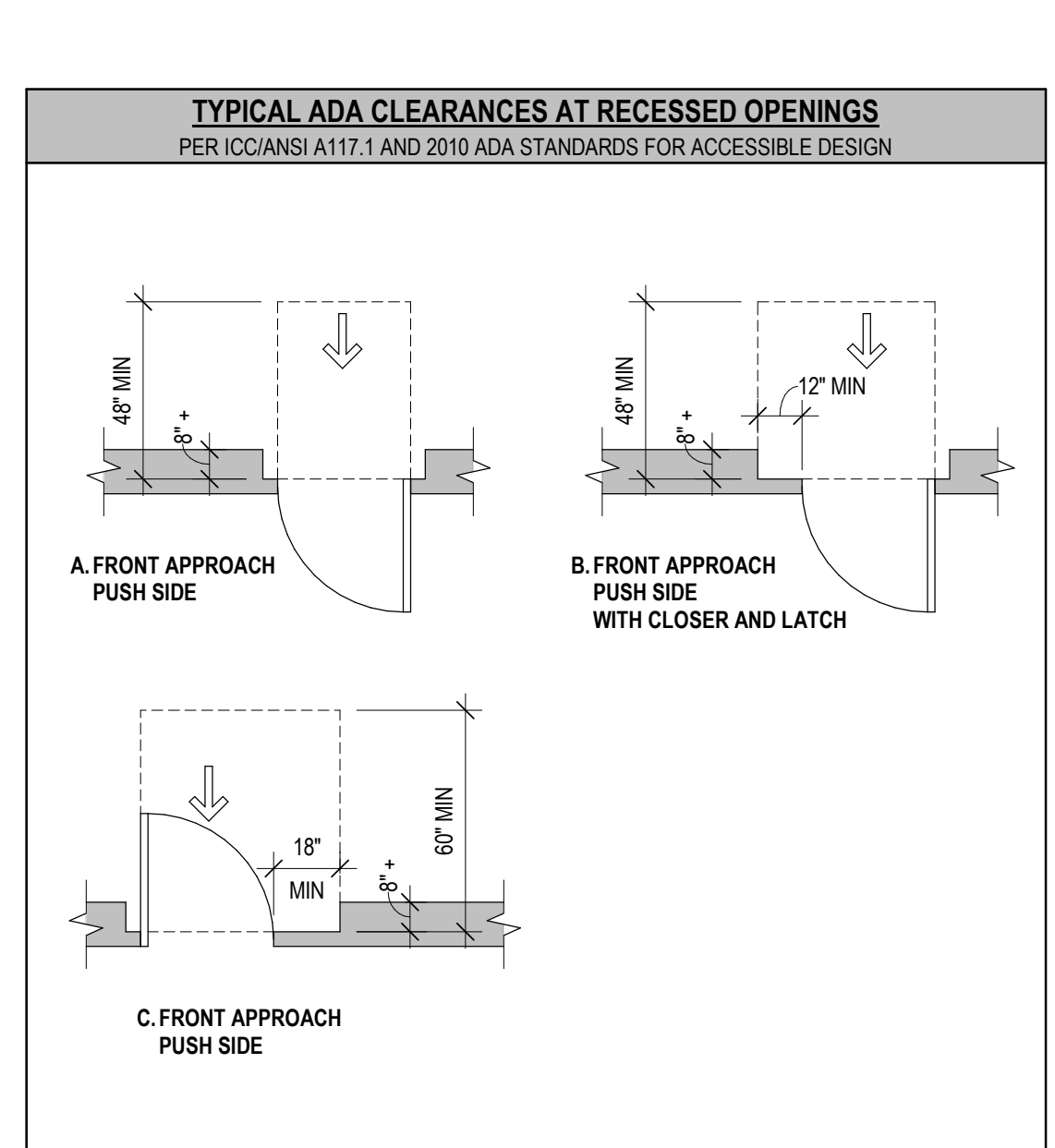
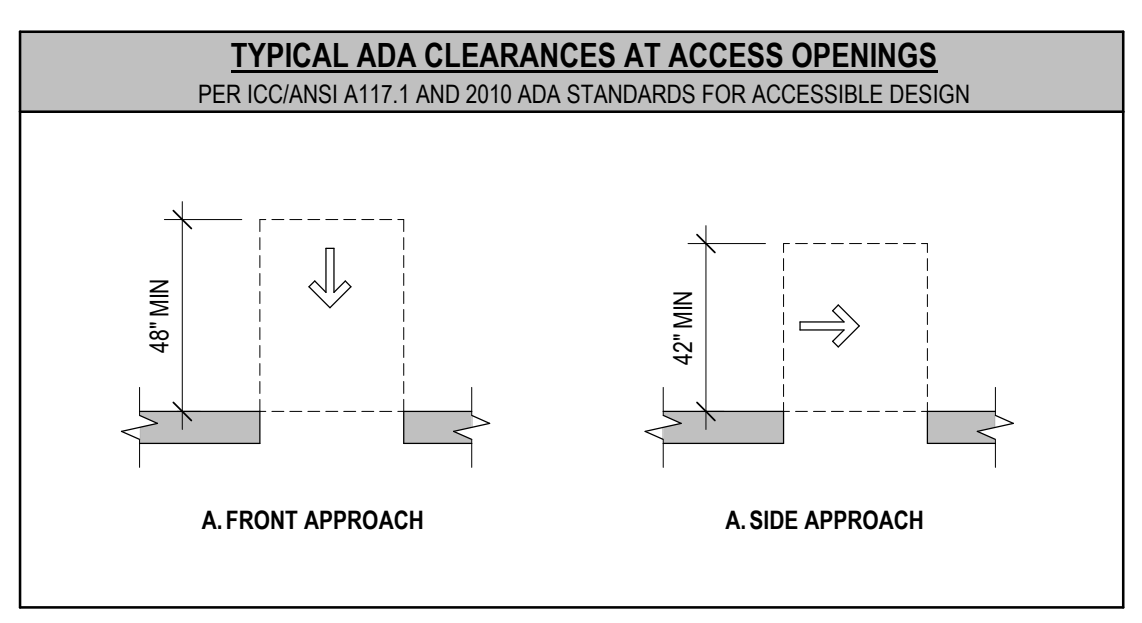
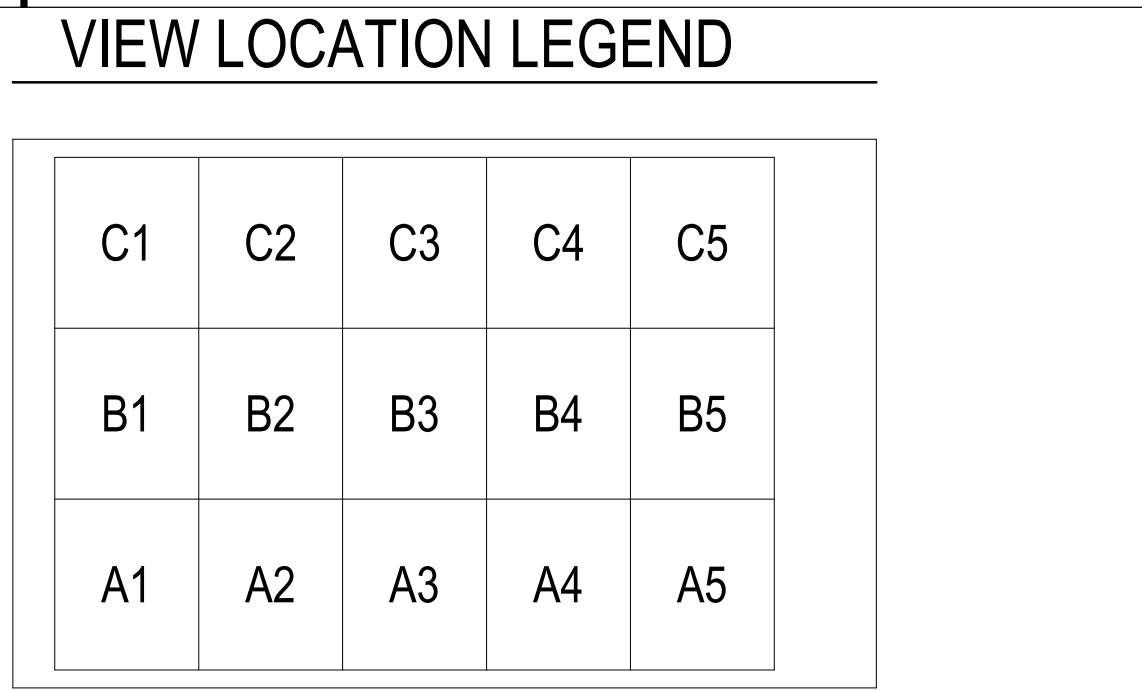
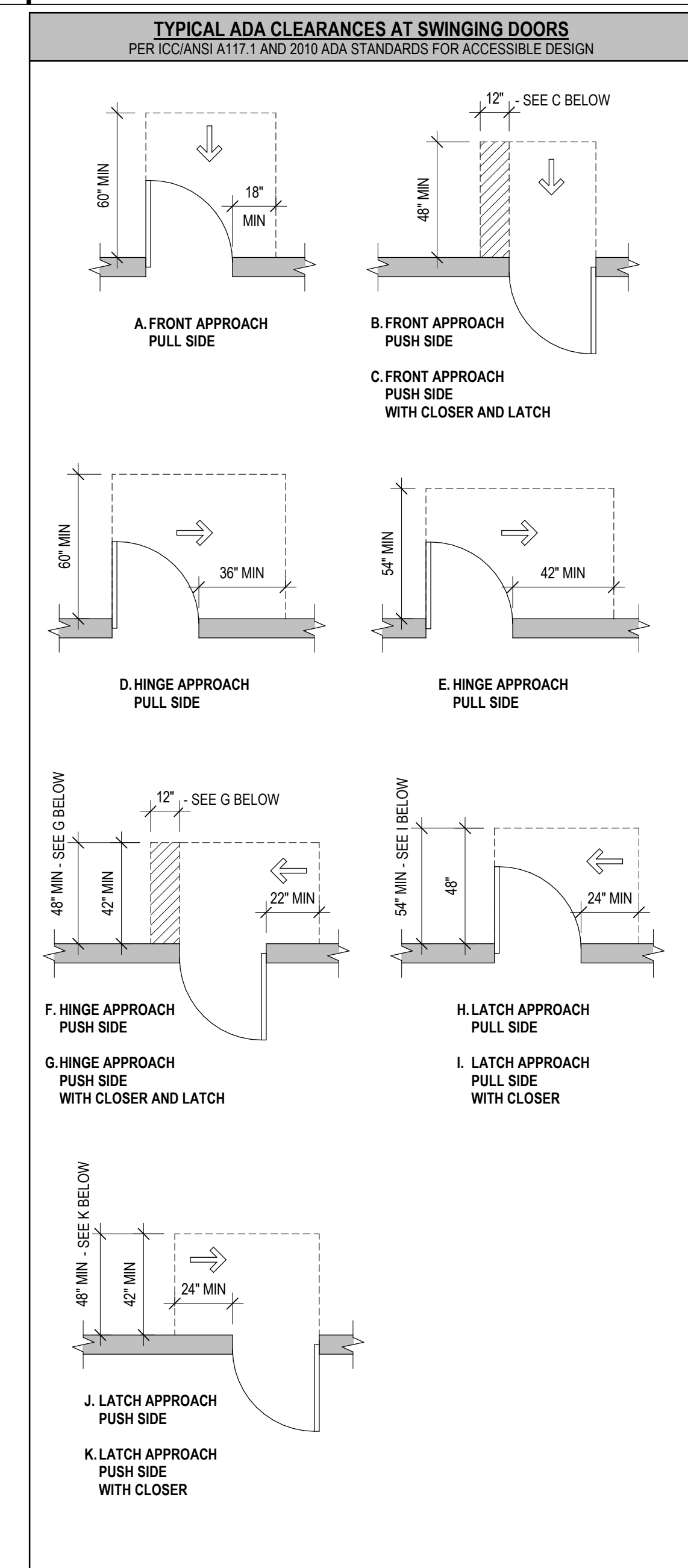
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SYMBOLS LEGEND			
LINE	MATERIAL	REFERENCE	
— BEYOND	ALUMINUM	NORTH INDICATOR	BREAK LINE
BATT INSULATION	BRICK	DETAIL VIEW INDICATOR	SPAN DIRECTION INDICATOR
--- CENTER, GRID	CONCRETE	ELEVATION VIEW INDICATOR	OPENING (FLOOR, ROOF OR WALL)
- - - - DEMOLITION	CONCRETE MASONRY BLOCK	SECTION VIEW INDICATOR	ELEVATION INDICATOR
- - - - (HALFTONE) EXISTING	EARTH	VIEW INDICATOR	KEYED NOTE INDICATOR
- - - - HIDDEN	GRAVEL	GRID INDICATOR	WALL TYPE INDICATOR
- · - · - MATCHLINE	DRY WALL GROUT	EXISTING GRID INDICATOR	REVISION CLOUD
- - - - NEW (CUT)	WOOD		REVISION INDICATOR
- - - - NEW (PROJECTION)	STEEL		
- - - - OVERHEAD			

LIST OF ABBREVIATIONS			
AC	- ACOUSTIC	HM	- HOLLOW METAL
ACT	- ACOUSTICAL TILE CEILING	MP	- METAL PANEL
AFF	- ABOVE FINISHED FLOOR	MTL	- METAL
ALUM	- ALUMINUM	NP	- NAPKIN DISPOSAL
BO	- BOTTOM OF	OC	- ON CENTER
BRG	- BEARING	PT	- PAINT
CARP	- CARPET	PF	- PREFINISHED
CMU	- CONCRETE MASONRY UNIT	RD	- ROOF DRAIN
CONC	- CONCRETE	RTU	- ROOF TOP UNIT
CJ	- CONTROL JOINT	S&V	- STAIN AND VARNISH
CO	- CLEAN OUT	SCHD	- SCHEDULE
CT	- CERAMIC TILE	SD	- SOAP DISPENSER
EPX	- EPOXY	STL	- STEEL
EQ	- EQUAL	TD	- TOWEL DISPENSER
ES	- EXPOSED STRUCTURE	TO	- TOP OF
EXIST	- EXISTING	TOE	- TOP OF EXISTING
FD	- FLOOR DRAIN	TP	- TOILET PAPER
FE	- FIRE EXTINGUISHER	V	- VARNISH
FEC	- FIRE EXTINGUISHER CABINET	VB	- VINYL BASE
FV	- FIELD VERIFY	VCT	- VINYL COMPOSITE TILE
GA	- GAUGE	VFGT	- VINYL FACED GYPSUM TILE
GB	- GYPSUM BOARD	WD	- WOOD
GL	- GLASS	WND	- WINDOW
		WR	- WASTE RECEPTACLE



GENERAL NOTES

- THE SCOPE OF THIS PROJECT IS A LEVEL 1 ALTERATION. THERE ARE NO MODIFICATIONS TO OCCUPANCY NOR LIFE SAFETY. IT IS ASSUMED THAT THE EXISTING FACILITY SATISFIED THE APPLICABLE CODE REQUIREMENTS AT THE TIME OF CONSTRUCTION. PER INTERNATIONAL BUILDING CODE, NO MODIFICATIONS OR UPGRADES TO THE REMAINING FACILITY ARE REQUIRED UNDER THE SCOPE OF THIS PROJECT.
- EXISTING BUILDING IS CAST CONCRETE STRUCTURE WITH MASONRY FACADE. CONSTRUCTION TYPE I.
- PER IBC 2015 SECTION 406.5.9 ENCLOSURE OF VERTICAL OPENINGS, A SEPARATION OF STAIRS IS NOT REQUIRED. THEREFORE, DOORS AND WINDOWS ARE NOT FIRE-RATED.

DESIGN SPECIFICATIONS

- DESIGN IS IN ACCORDANCE WITH THE STATE OF WISCONSIN AND THE 2015 INTERNATIONAL BUILDING CODE.
- STRUCTURAL STEEL PLATES, ANGLES, CHANNELS, AND OTHER ROLLED MEMBERS SHALL CONFORM TO ASTM A36, F_y = 36 KSI.
- RECTANGULAR OR SQUARE HSS MEMBERS SHALL CONFORM TO ASTM A500 GRADE C, F_y = 50 KSI
- DESIGN LOADS:
 - LATERAL LOAD PERPENDICULAR TO MESH NETTING DUE TO WIND 17 PSF ALLOWABLE
 - ADDITIONAL LIVE LOAD ON MESH NETTING DUE TO ICE 5 PSF ALLOWABLE
- ALL STRUCTURAL FRAMING AND CONNECTIONS HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING ERECTION AND CONSTRUCTION. ANY INVESTIGATION OF THE STRUCTURAL FRAMING AND CONNECTIONS FOR ADEQUACY DURING THE ERECTION AND CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND JOB SITE SAFETY.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC "STEEL CONSTRUCTION MANUAL", FIFTEENTH EDITION, AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", JUNE 15, 2016 EDITION.
- WHERE INDICATED ON DRAWINGS, STRUCTURAL AND MISCELLANEOUS STEEL WHICH SHALL REMAIN EXPOSED TO VIEW SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL, WITHOUT GAPS OR OPEN JOINTS.
- ALL WELDING SHALL COMPLY WITH AWS D1.1 USING E70XX ELECTRODES. ALL WELDING TO BE DONE BY AWS PREQUALIFIED WELDERS, CERTIFIED FOR WELDS MADE. PROVIDE CONTINUOUS MINIMUM SIZED WELDS PER AISC REQUIREMENTS, UNLESS NOTED OTHERWISE.
- THE MINIMUM SIZE OF FILLET WELDS SHALL BE AS SPECIFIED IN TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL".
- MINIMUM STRENGTH OF WELDED CONNECTIONS: UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL SHOP AND FIELD WELDS SHALL DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBER OF ELEMENT JOINED. ALL MEMBERS WITH MOMENT CONNECTIONS, NOTED ON THE DRAWINGS, SHALL BE WELDED TO DEVELOP THE FULL FLEXURAL CAPACITY OF THE MEMBER, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- HSS COLUMNS SHALL BE EQUALLY SPACED UNLESS NOTED OTHERWISE ON PLAN.
- CLEAN, PREPARE, AND SHOP PRIME EXTERIOR EXPOSED STRUCTURAL STEEL MEMBERS IN ACCORDANCE WITH SSPC STANDARDS SP-1 AND SP-6.
- WHILE THE DESIGN DOCUMENTS MAY REFERENCE OSHA, THEY ARE NOT INTENDED TO SPECIFICALLY IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND COMPLY WITH ALL APPLICABLE OSHA REQUIREMENTS.
- ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO THE WEATHER SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS OTHERWISE NOTED.

MISCELLANEOUS

- DIMENSIONS OF EXISTING CONSTRUCTION OR CONSTRUCTION IN PROGRESS SHALL BE VERIFIED AND COORDINATED PRIOR TO FABRICATION OF STRUCTURAL COMPONENTS.
- ADHESIVE ANCHORS SHALL BE HILTI HIT-HY 200.
- ANCHORS SHALL BE HAS-E-55 THREADED RODS, ASTM F1554 GR. 55
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE FOLLOWING ITEMS PRIOR TO FABRICATION: STEEL FRAMING.
- MESH NETTING SHALL BE BLACK ANODIZED WIRE



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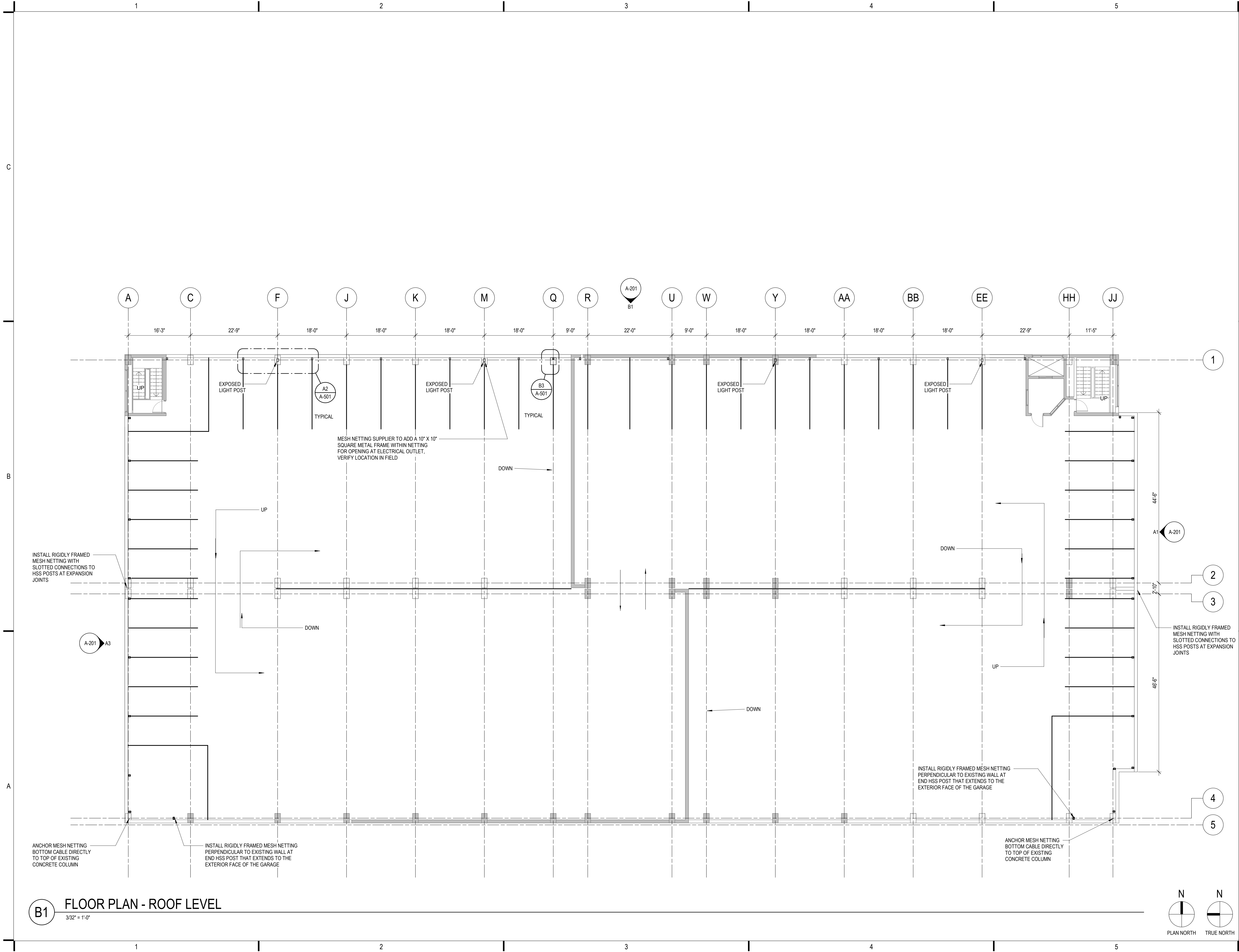
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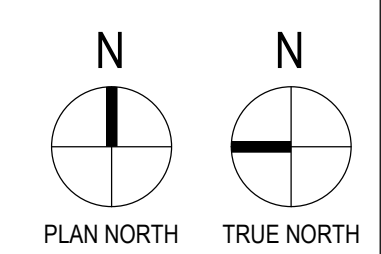
FLOOR PLANS

SHEET NUMBER:

A-101



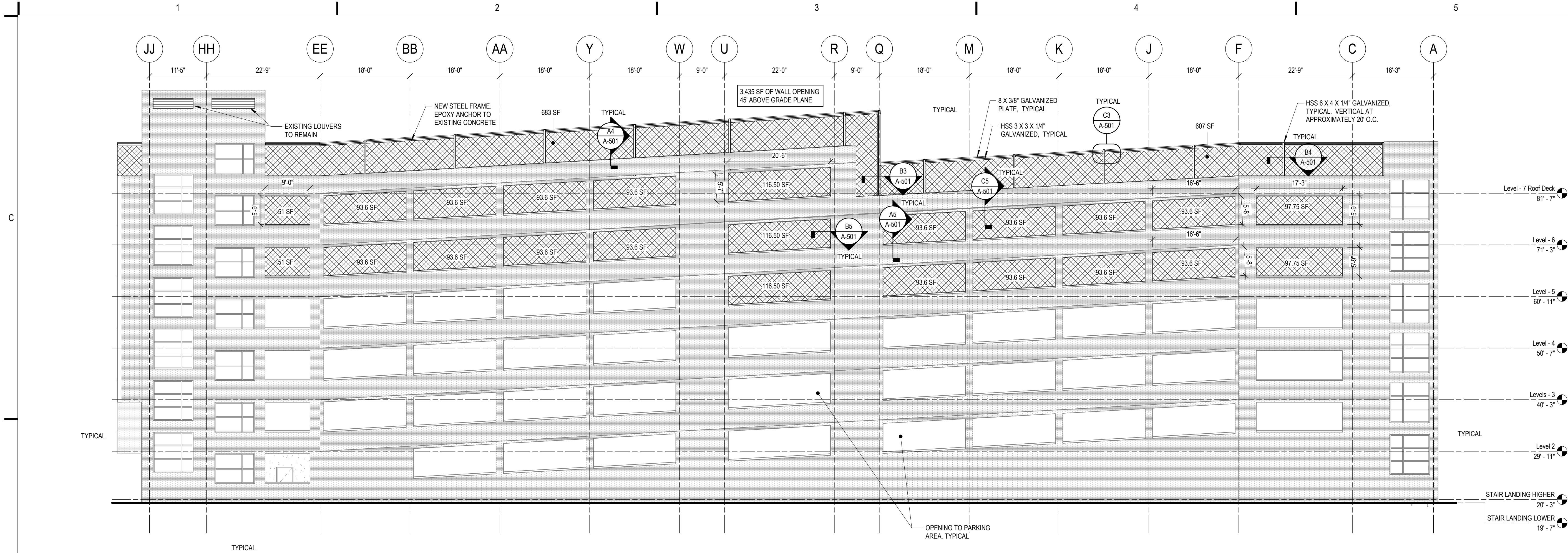
B1 FLOOR PLAN - ROOF LEVEL
3/32" = 1'-0"



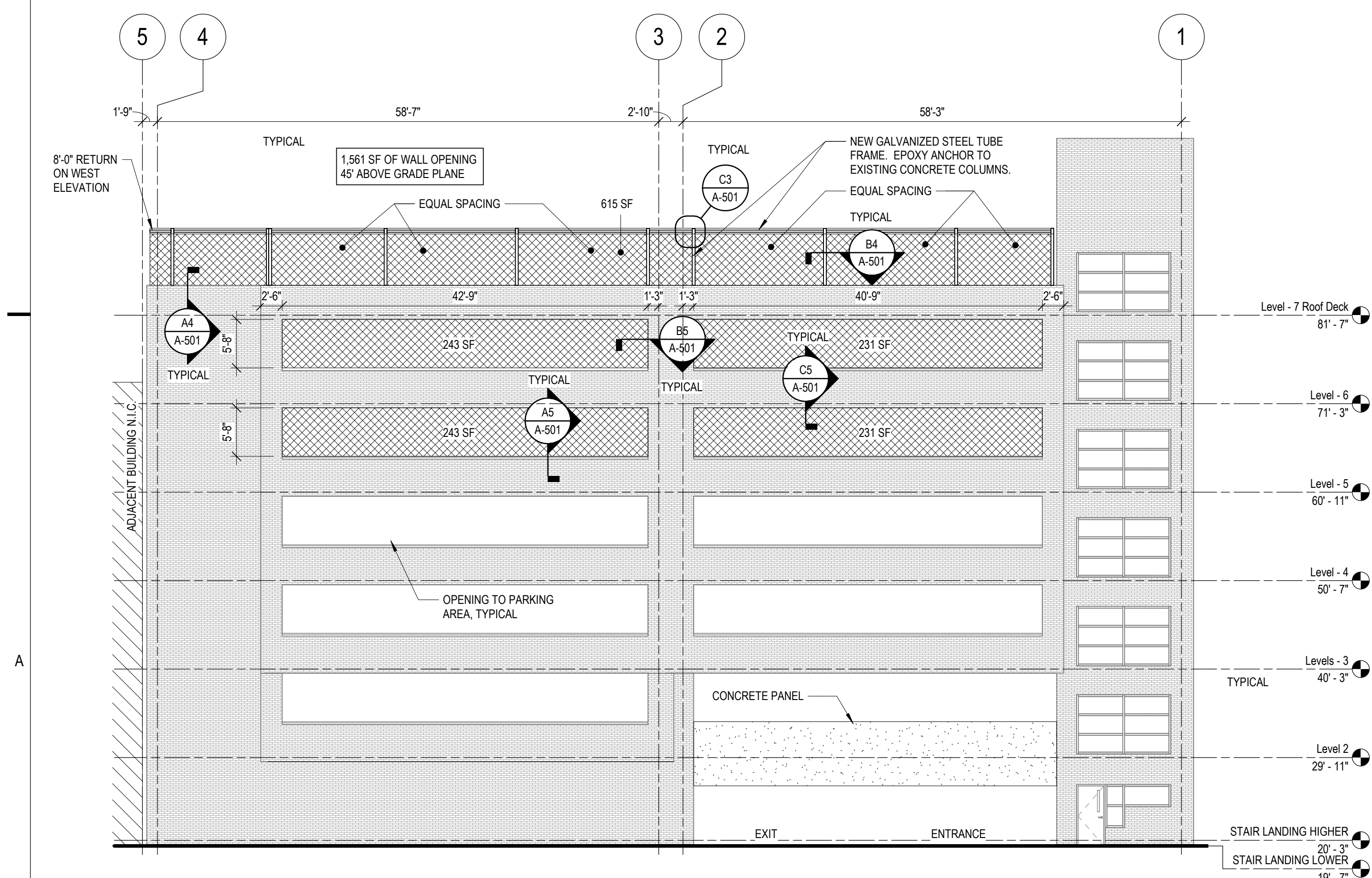
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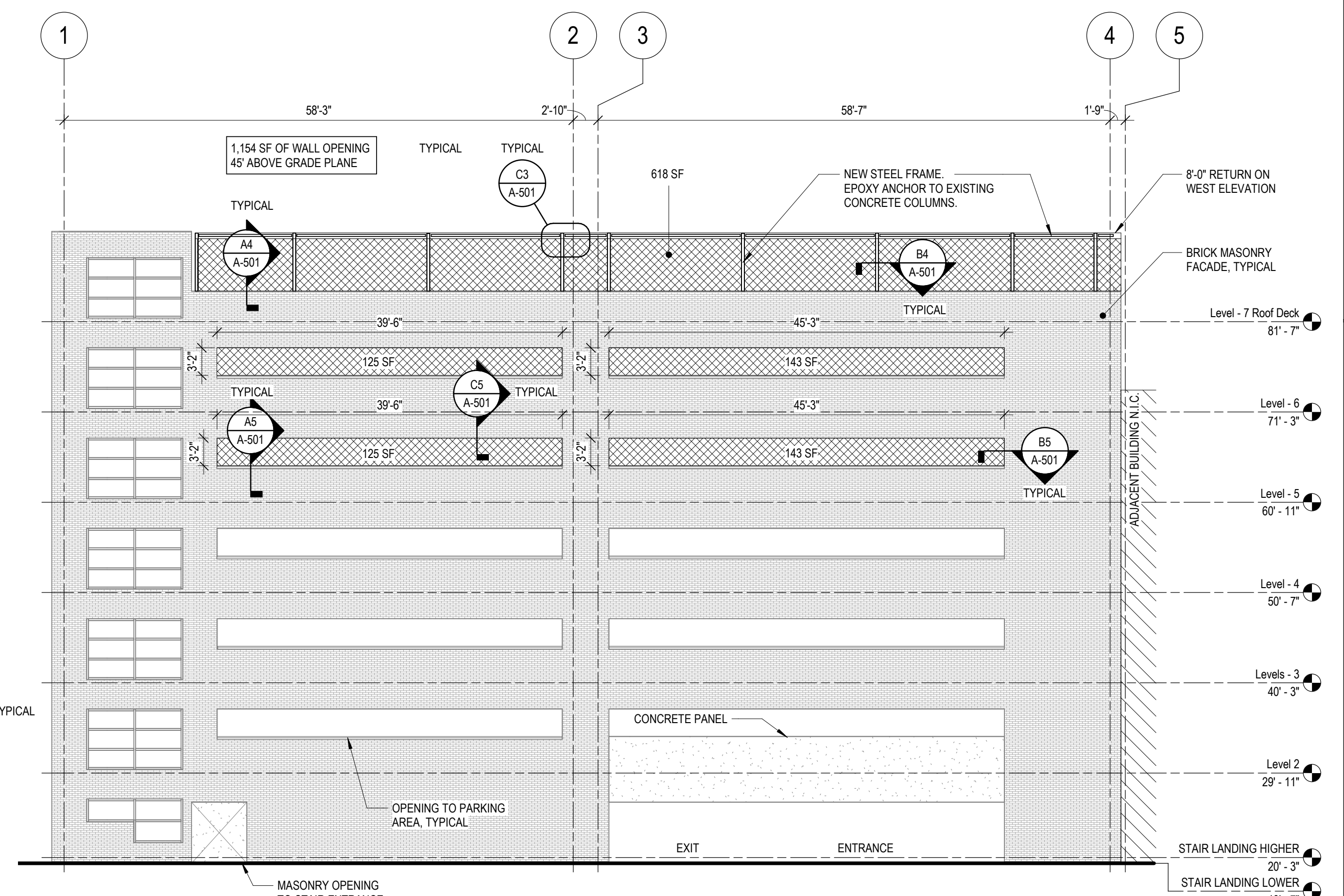
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B1 EAST ELEVATION
3/32" = 1'-0"



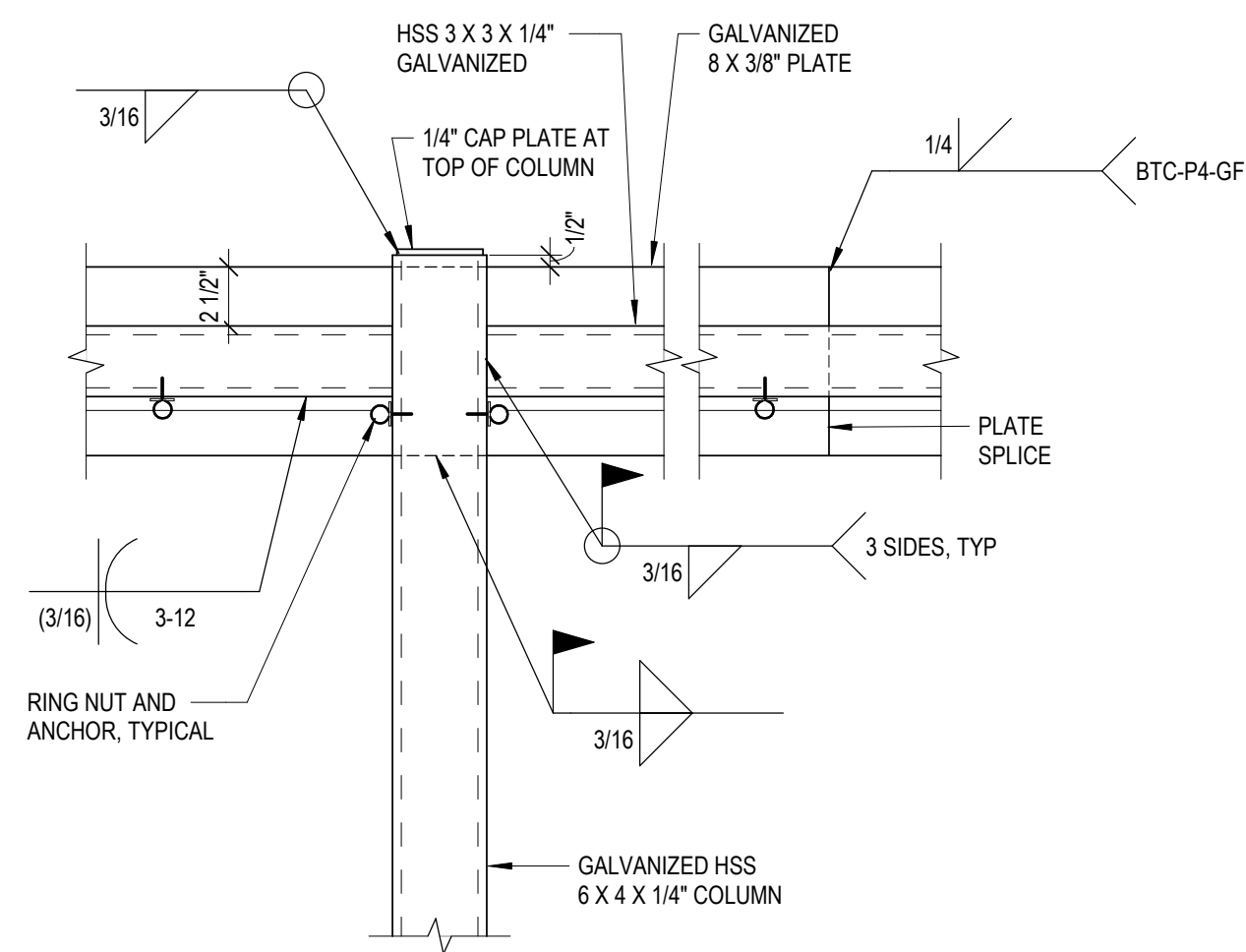
A1 SOUTH ELEVATION
3/32" = 1'-0"



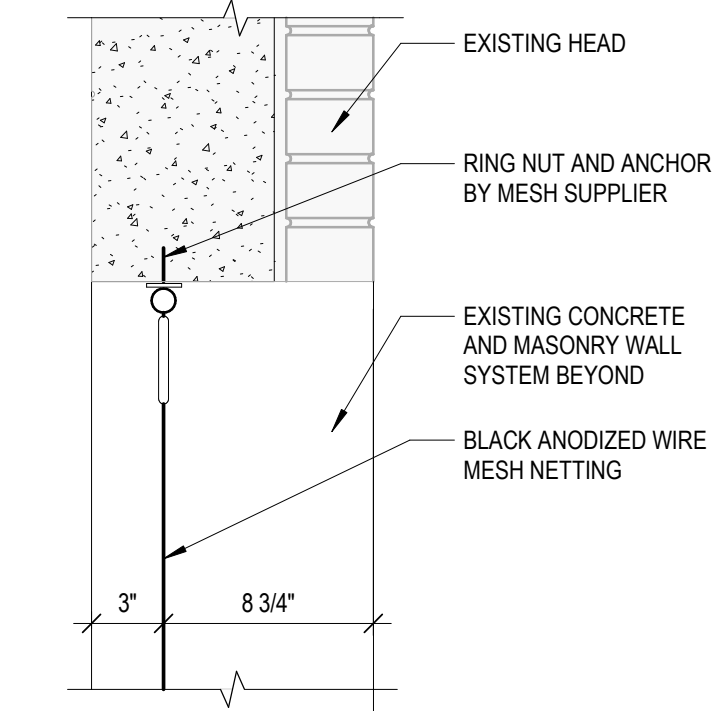
A3 NORTH ELEVATION
3/32" = 1'-0"



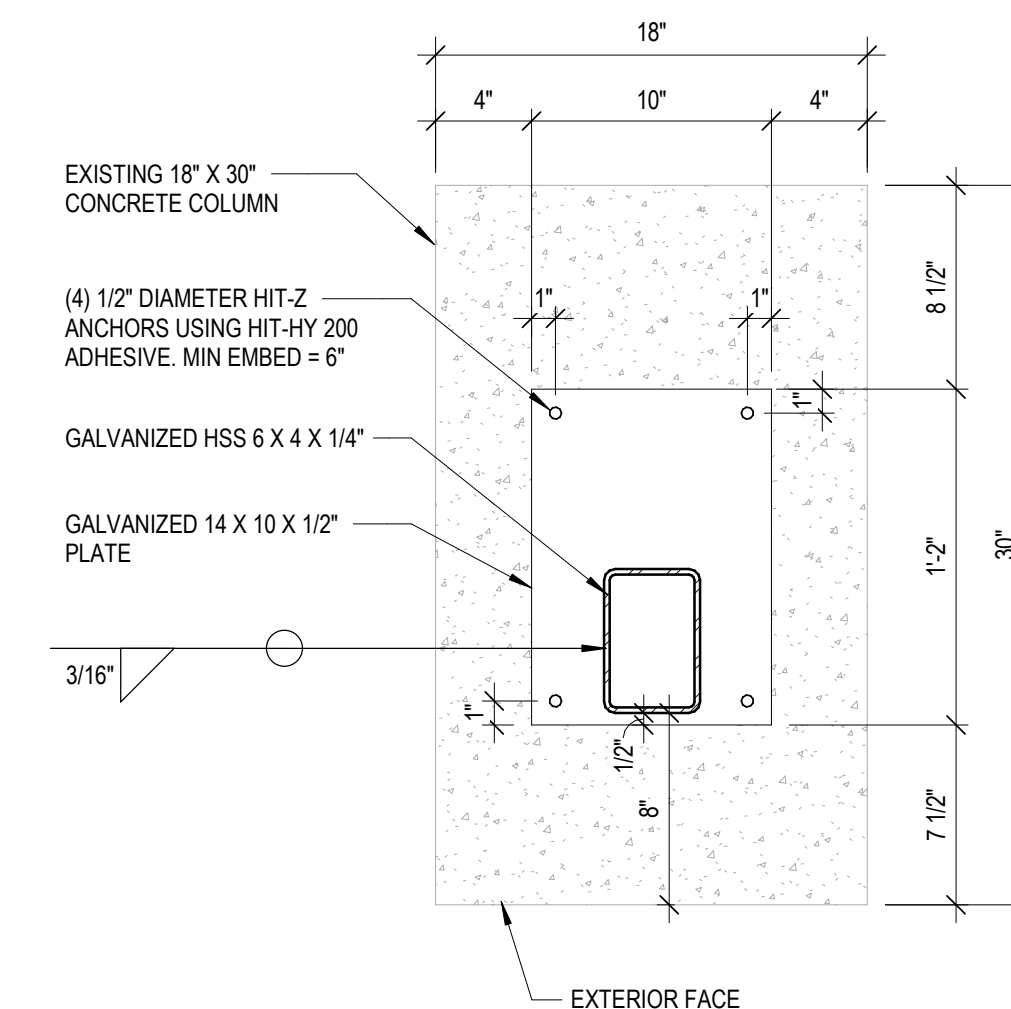
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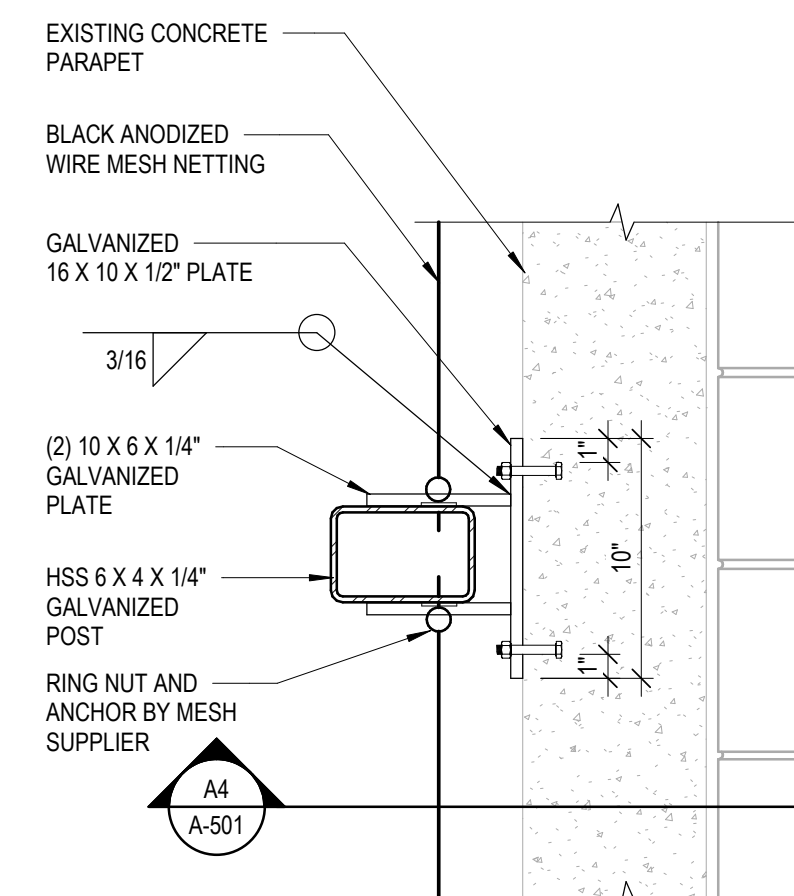
C3 HSS COLUMN /
BEAM FRAME CONNECTION
1 1/2" = 1'-0"



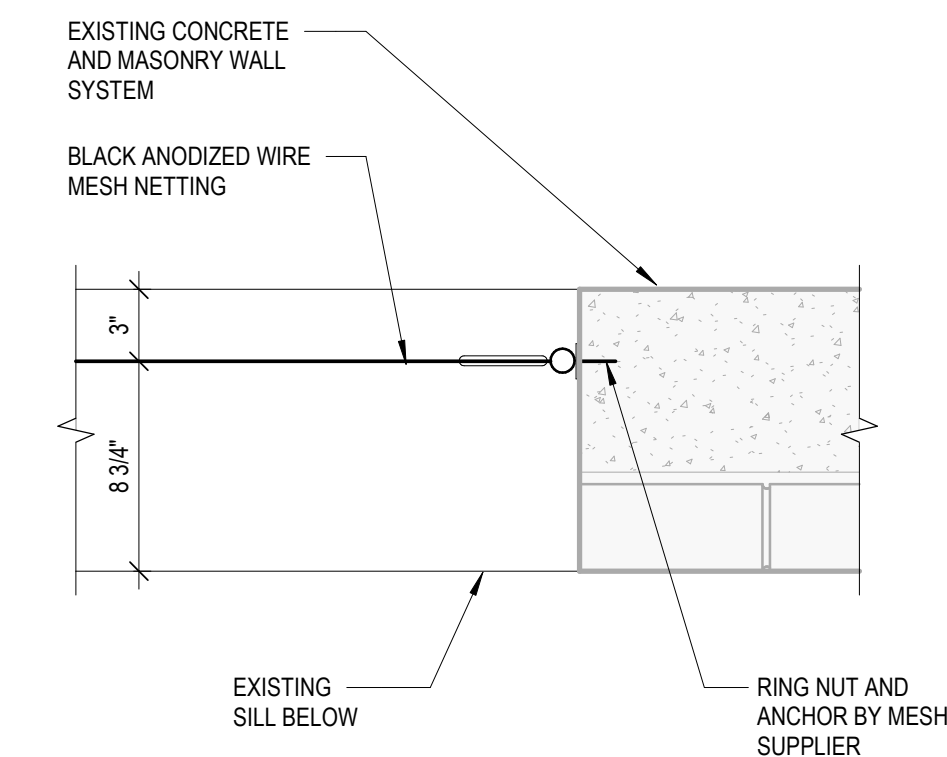
C5 HEAD DETAIL AT OPENING
1 1/2" = 1'-0"



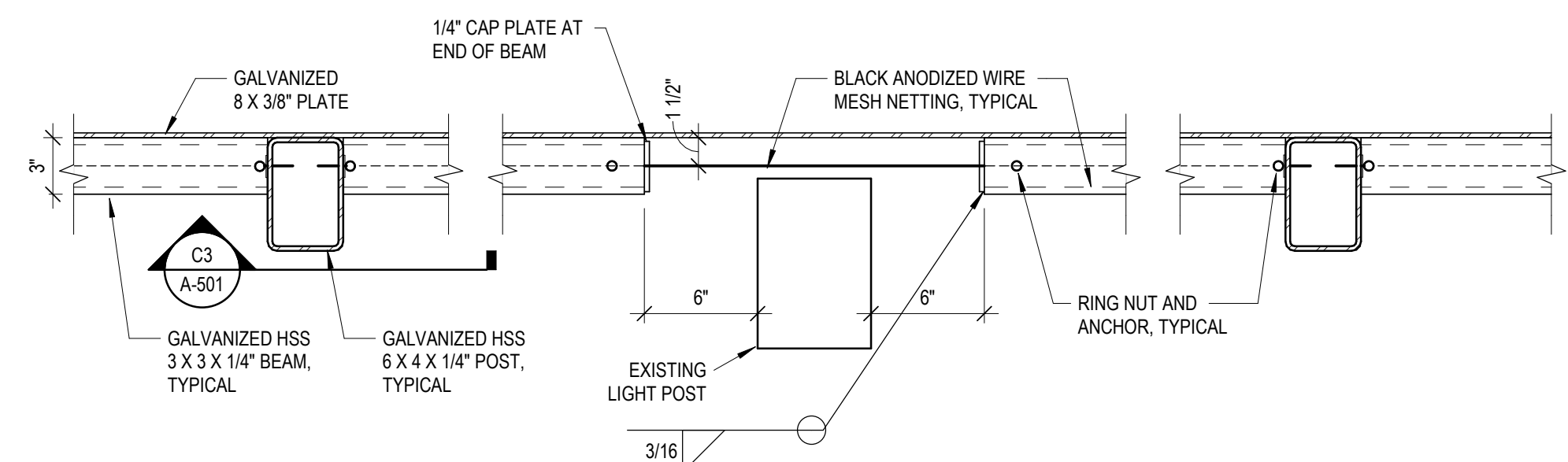
B3 HSS POST ANCHORAGE AT
CONCRETE COLUMN LOCATION
1 1/2" = 1'-0"



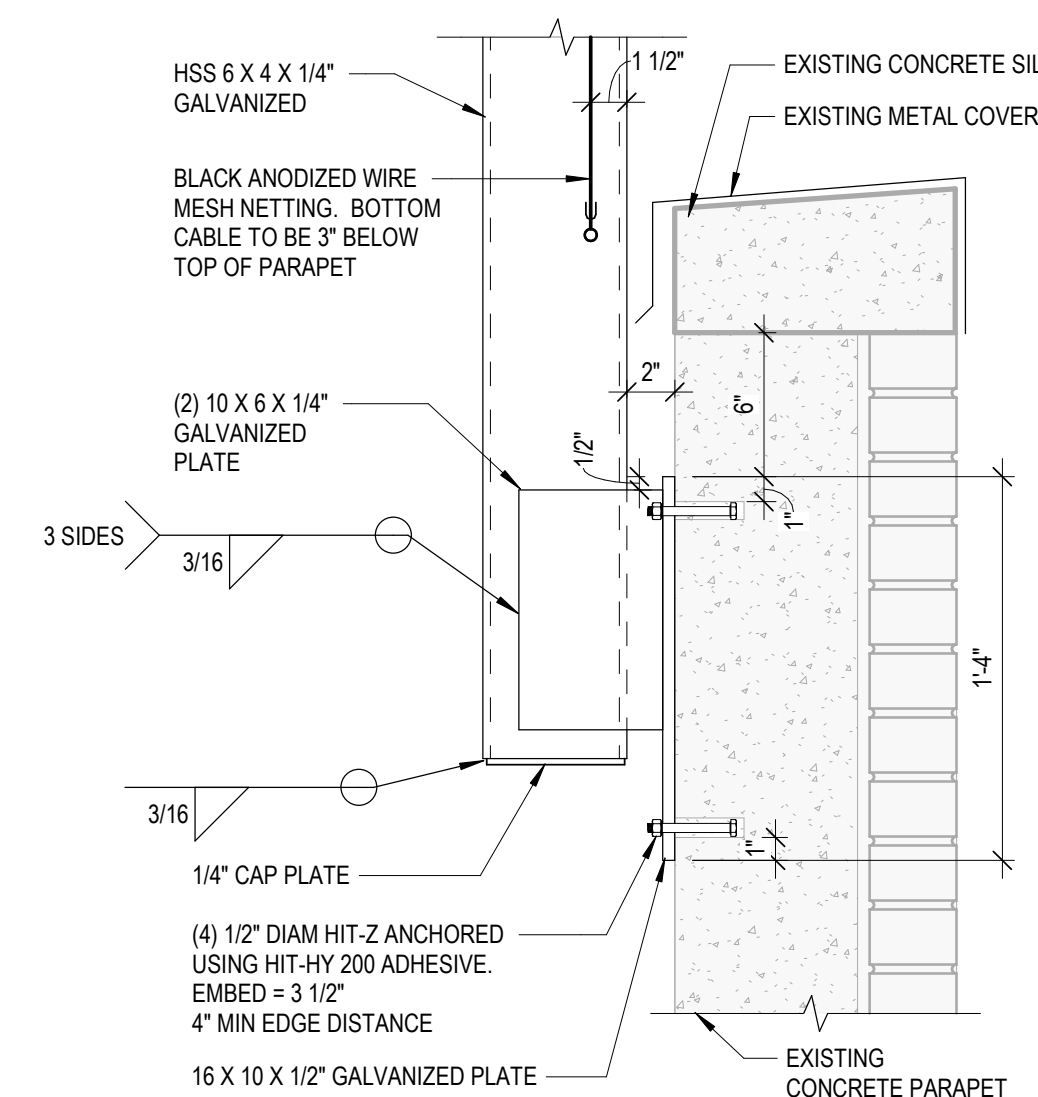
B4 HSS POST
ANCHORAGE PLAN VIEW
1 1/2" = 1'-0"



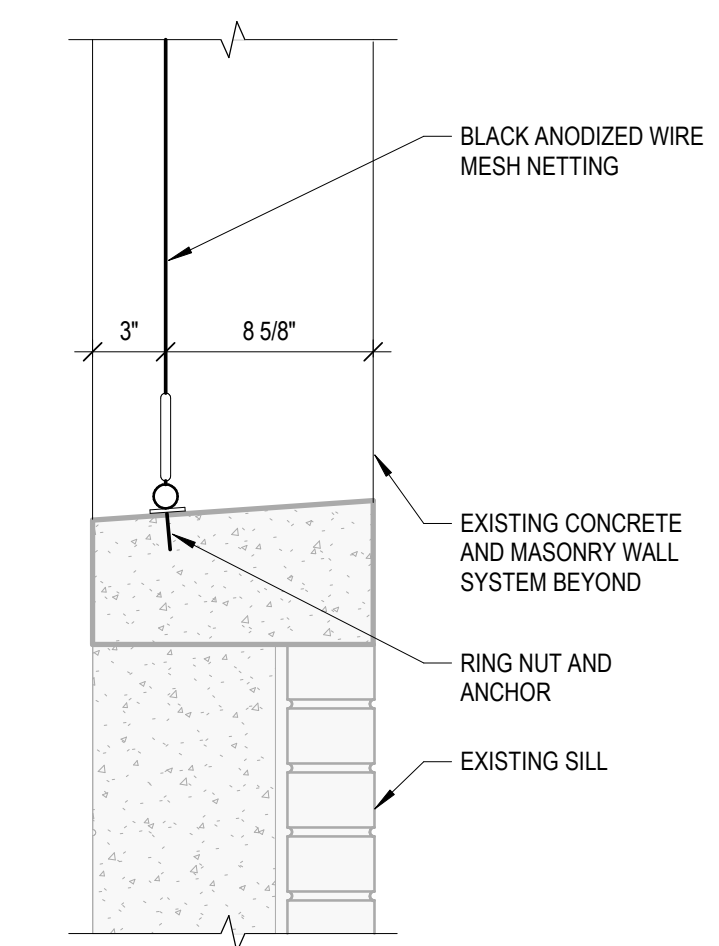
B5 PLAN DETAIL AT OPENING
1 1/2" = 1'-0"



A2 EXISTING LIGHT POST BYPASS PLAN DETAIL
1 1/2" = 1'-0"



A4 HSS POST
ANCHORAGE AT PARAPET WALL
1 1/2" = 1'-0"



A5 SILL DETAIL AT OPENING
1 1/2" = 1'-0"