



**STORM KING ART CENTER
ADMINISTRATION BUILDING**

50% CONSTRUCTION DOCUMENTS DRAWING SET
NOVEMBER 6, 2020

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

**Drawing Title
Cover Sheet**

Date	11/06/20
Scale	Not to Scale
Drawing Number	A-A-000
Sheet Size	ARCH D

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FP-A-502	Fire Protection Details	•	•	•		
FP-A-601	Fire Protection Schedules			•	•	
FP-A-701	Fire Protection Riser	•	•	•		


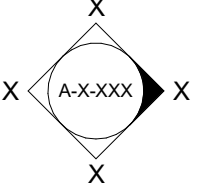
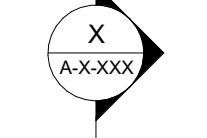
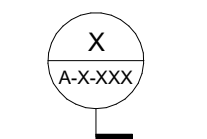
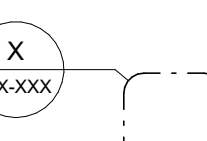
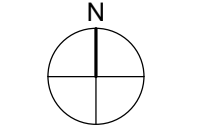

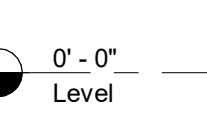

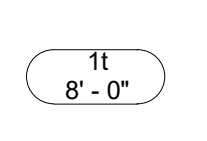
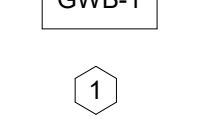
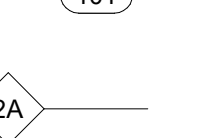
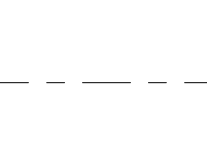






AV-A-001	Audiovisual General Notes			•	•	
AV-A-002	Audiovisual Schedules			•	•	
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IT-A-103	Telecom Plan - Roof Level			•		
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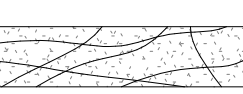
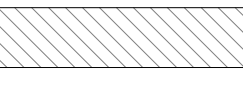


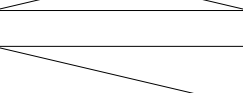
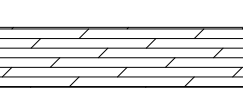

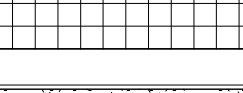
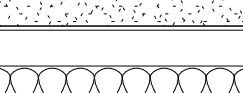
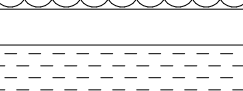


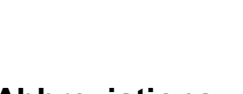
General Notes

- No work shall commence without first obtaining any required permits or approvals from applicable regulating agencies of the State of New York and Town of Cornwall.
- All work shall comply with the requirements of the State Uniform Fire Prevention and Building Code of the Codes Rules and Regulations of the State of New York and any other applicable state regulations.
- All work shall comply with the Zoning Law of the Town of Cornwall and any other applicable local regulations.
- All work relating to waste water disposal shall be approved by the Town of Cornwall, but not limited to, the following trades: general contracting, surveying, site work, concrete erection, steel fabrication and erection, general electrical, general plumbing, and mechanical equipment installation.
- All contractors and subcontractors shall carry general liability and worker's compensation insurance as required by the Town of Cornwall, the State of New York and other regulating agencies. Contractors and subcontractors shall provide certificates of insurance.
- The Contractor shall file all applications, pay for all necessary permits and secure certificates of occupancy for the Work.
- All necessary provisions for installation of primary electrical service shall be made in conjunction with and to the required specifications of the Local Gas and Electric Companies.
- All materials for construction located on site shall be segregated and neatly stored out of the path of construction operations and shall be protected from damage by all hazards including weather, ground moisture and construction activities until use.
- Unless otherwise indicated, all material furnished and incorporated into the Work shall be new, unused and of quality standard to the industry for first class work of similar nature and character. Materials shall be installed in accordance with the manufacturers' recommendations and best standard of the trades involved.
- The Contractor shall be responsible for the protection of all existing buildings and other installations that are to remain intact while performing the Work.
- Where adjacent structures are occupied or to be preserved, the Contractor shall take every precaution to safeguard the structural integrity of the walls, roofing, entrance and exit of the adjacent building and to provide, if required, temporary waterproofing and parging to protect it. The Contractor shall also take every precaution to ensure that damage, noise, dust and interruptions to adjacent structures will be kept to a minimum.
- The Contractor shall visit the site and be knowledgeable of conditions thereon, comply with Specification Sections in Division 1 and 2 for specific requirements for survey of existing site conditions and conduct of excavation and ensuing construction activities prior to proceeding with the Work.
- The Contractor shall verify accuracy of survey information and shall perform additional site surveys to ensure accurate placement of buildings on the site. See survey for geo-location information.
- All dimensions shall have preference over scale. Do not scale these drawings.
- All dimensions shall be verified in the field prior to proceeding with the Work. The Architect shall be notified of any discrepancies.
- Plan dimensions are shown to the centerline of columns and the finished face of walls unless noted otherwise. Elevation and section dimensions are shown relative to finish floor levels which are referenced to building elevation above sea level. See survey for elevation information.
- Where discrepancies exist between drawings of various disciplines, notify the Architect of these discrepancies prior to construction. Consult the Architect before proceeding with work in any area requiring clarification. In case of conflict in documents, specifications or general requirements, the most stringent is to be required.
- Details shown are intended to describe scope and profile. Where details have not been provided, the Work is intended to be similar in character to those areas detailed. Where specific dimensions, details or design intent cannot be determined, consult the Architect prior to proceeding with the Work.
- The Work in these drawings is intended to show scope of penetrations, slab and wall openings required to accommodate mechanical, electrical and plumbing trades. However, the Contractor shall coordinate all penetrations, slab and wall openings required by these trades before proceeding with the Work.
- All pipes, bus ducts, risers and other elements that penetrate floor slabs shall be installed in a manner that will preserve the fire resistive and structural integrity of the building.
- Not all Specifications Divisions are referenced on the sheet legend notes. Multiple divisions may apply to each note. Reference the specific specification for related sections.
- Each legend references that particular sheet it is on and may not correspond to other sheets.

Symbol Legend

-  Building Elevation
-  Interior Elevation
-  Building Section
-  Wall Section
-  Detail Callout
-  North Arrow
-  Room Tag
-  Elevation Marker
-  Grid Line
-  Revision Tag
-  Align
-  Finish Ceiling Height
-  Finish Type
-  Window Type
-  Door Number
-  Wall Type
-  Construction Above
-  Center Line
-  Match Line

Material Indicators

-  Earth
-  Rock Fill
-  Sand, Mortar, Plaster
-  Concrete
-  Stone
-  Brick, Masonry
-  Metal
-  Wood
-  Wood (Continuous)
-  Wood (Blocking)
-  Plywood
-  Glass
-  Tile (Dimensional)
-  Gypsum Board
-  Insulation (Batt, Blanket)
-  Insulation (Rigid)

Abbreviations

ADJ	Adjacent or Adjustable
AFF	Above Finished Floor
ALUM	Aluminum
AS REQ'D	As Required
BAT	Batten
CAB	Cabinet
CLG	Ceiling
COL	Column
CONST	Construction
DIAM	Diameter
ELEC	Electric(al)
EQ	Equal
EX	Existing
FF	Finished Floor
FH	Full Height
FM	Field Measure
FO	"Face of" or "Finish Opening"
GWB	Gypsum Wall Board
HC	Hollow Core
HDF	High-Density Fiberboard
HDWD	Hardwood
HM	Hollow Metal
LAM	Laminated
MDF	Medium-Density Fiberboard
MTL	Metal
NIC	Not in Contract
NTS	Not to Scale
OC	On Center
OPP HAND	Opposite Hand
PH	Partial Height
PL GL	Plate Glass
PL LAM	Plastic Laminate
PLY	Plywood
PNL	Panel
RO	Rough Opening
RVL	Reveal
SDL	Saddle
SIM	Similar
SS	Stainless Steel
T&B	Top & Bottom
TOH	Top of Head
TOS	Top of Sill
TYP	Typical
UC	Undercut
UNO	Unless Otherwise Noted
VGB	Vertical Grab Bar
VIF	Verify in Field
W/	With
W/O	Without
WP	Waterproof

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

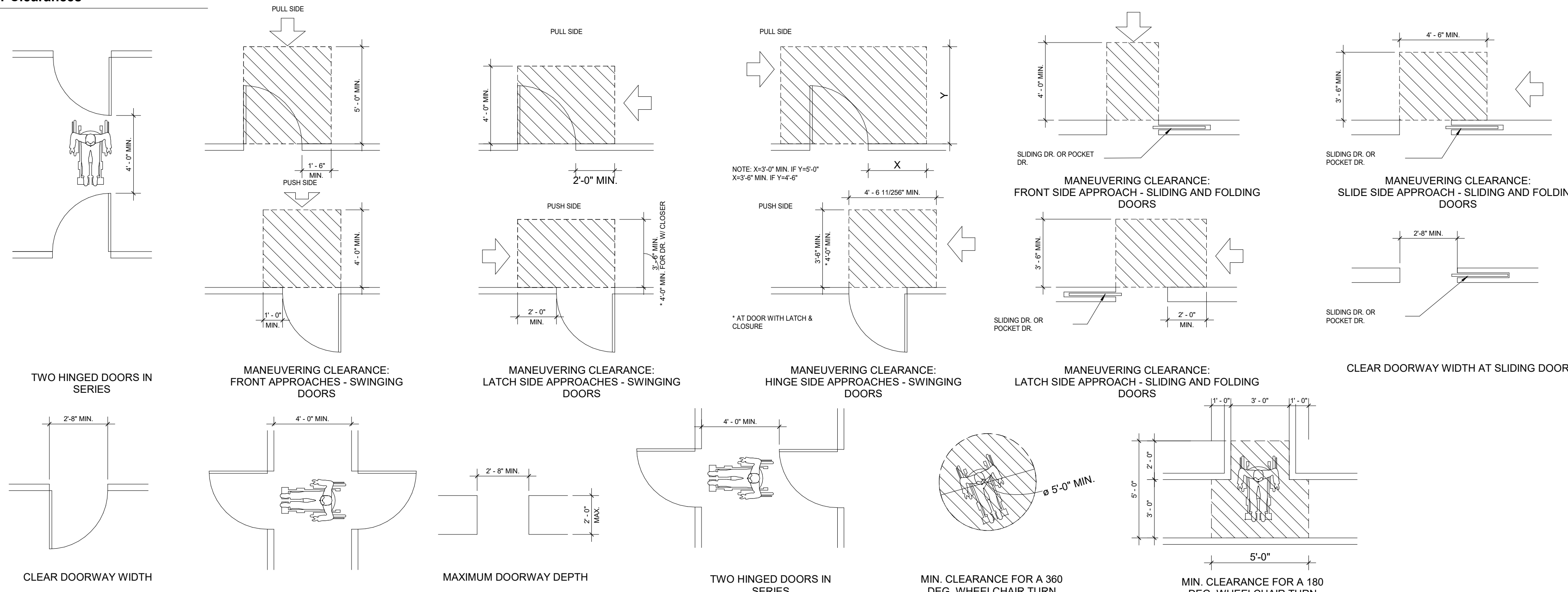
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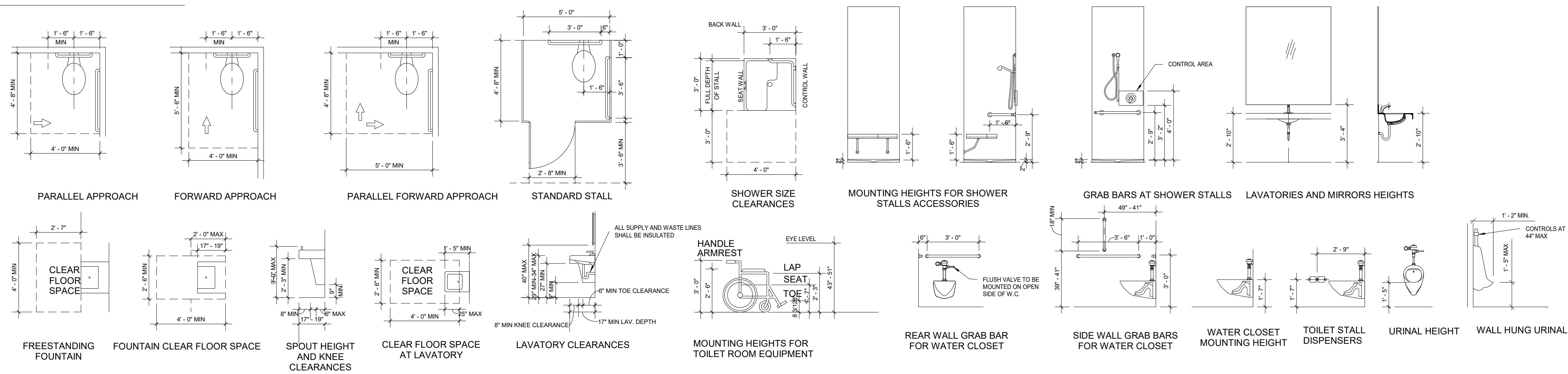
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 Abbreviations, Symbols & General Notes

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Scale	1" = 1'-0"
Drawing Number	A-A-002
Sheet Size	ARCH D

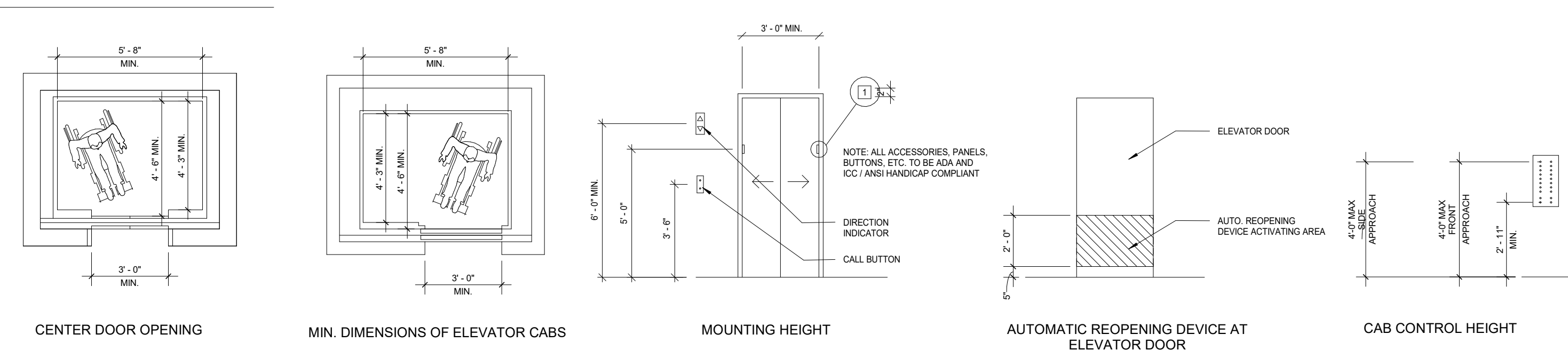
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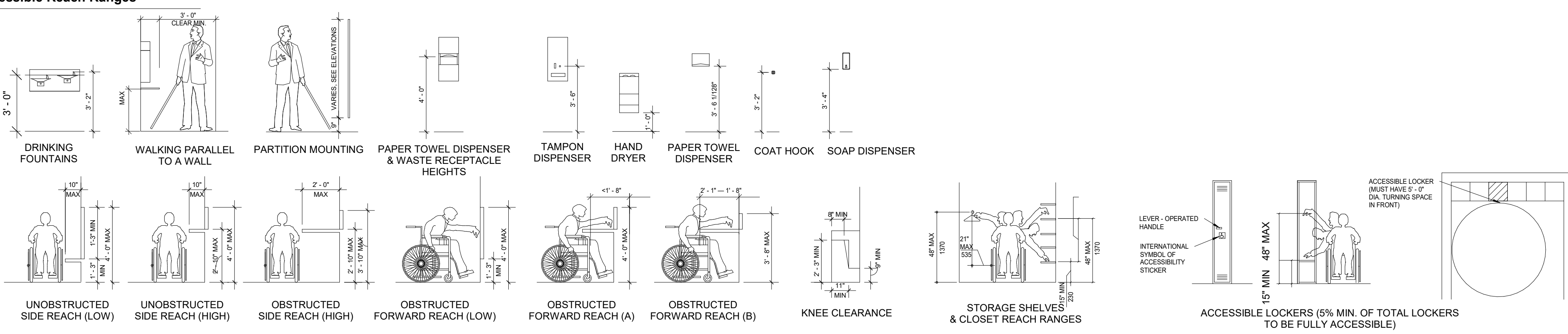
Restrooms



Elevators



Accessible Reach Ranges



Accessibility Summary

Buildings and facilities shall be designed and constructed to be accessible in accordance with the Federal 2010 ADA Standards for Accessible Design. Refer to the 2010 ADA Standards for Accessible Design using chapter reference for clarifications and exceptions.

204 Protruding Objects

Protruding objects on circulation paths shall comply with 307.

210 Stairways

Interior and exterior stairs that are part of a means of egress shall comply with 504.

211 Drinking Fountains

Where drinking fountains are provided on an exterior site, on a floor, or within a secured area they shall be provided in accordance with 211.

213.3 Plumbing Fixtures and Accessories

Plumbing fixtures and accessories provided in a toilet room or bathing room required to comply with 213.2 shall comply with 213.3

213 Toilet Facilities and Bathing Facilities

Where toilet facilities and bathing facilities are provided, they shall comply with 213.

225 Storage

Storage facilities shall comply with 225

227 Sales and Service

Where provided, check-out aisles, sales counters, service counters, food service lines, queues, and waiting lines shall comply with 227 and 904.

303 Changes in Level

Where changes in level are permitted in floor or ground surfaces, they shall comply with 303.

404 Doors, Doorways, and Gates.

Doors, doorways, and gates that are part of an accessible route shall comply with 404.

404.2.4.4 Floor or Ground Surface.

Floor or ground surface within required maneuvering clearances shall comply with 302.

405 Ramps

Ramps on accessible routes shall comply with 405. Changes in level other than the running slope and cross slope are not permitted on ramp runs

407 Elevators

Elevators shall comply with 407 and with ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1). They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic.

502 Parking Spaces

Car and van parking spaces shall comply with 502. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings

505 Handrails

Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply with 505.

703.7.2 Symbols

The international symbol of accessibility shall comply with figure 703.7.2.1.

802.1 Wheelchair Spaces

Wheelchair spaces shall comply with 802.1.

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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Drawing Title

Accessibility Summary

Date	11/06/20
Scale	Not to Scale
Drawing Number	A-A-003
Sheet Size	ARCH D

Applicable Codes & Standards

Building Code	2020 Building Code of New York State (adopted from IBC 2018 with amendments) Code of the Town of Cornwall, NY
Energy Conservation Code	2020 Energy Conservation Code of New York State (adopted from IECC 2018 with amendments)
Fire Code	2020 Fire Code of New York State (adopted from IFC 2018 with amendments)
Mechanical Code	2020 Mechanical Code of New York State (adopted from IMC 2018 with amendments)
Plumbing Code	2020 Plumbing Code of New York State (adopted from IPC 2018 with amendments)
Accessibility	2010 ADA Standards
Zoning	Zoning Resolution of the Town of Cornwall, NY

Zoning & Land Use

Section, Block, Lot	30-1-1.1, 30-1-1.4, 30-1-1.5, 30-1-4.22, 30-1-11, 30-1-13, 30-1-14, 30-1-4.2, 30-1-62, 30-1-63, 30-1-64, 30-1-8, 30-1-86, 30-1-87, 30-1-88, 34-1-108, 34-1-9.1, 34-1-9.2, 30-1-9, 34-1-6.1
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Zoning District Designation Mountain and Conservation Residence District (MCR)

Zoning Use Group Use Group C

Bulk Regulations

	Allowable	Proposed
Minimum Usable Lot Area	5 acres	539 acres
Required Lot Width	200'	>200'
Minimum Front Yard Depth	70'	80'
Required Minimum Side Yard	70'	150'
Required Total Side Yard	140'	525'
Minimum Required Road Frontage	150'	1,300'
Maximum Building Height	40' - 0"	22' - 6"
Maximum Development Coverage	15%	5%
Maximum Building Coverage Percent	4%	0.3%
Floor Area Ratio	0.08	0.0044

Key Plan



Building Classification & Code Summary

Construction Type	Type V-B		
Occupancy Classification	A-3 - Assembly (Business, Meeting Rooms >50 Occupants)		
Automatic Sprinkler System	Provided, in accordance with Section 903.3.1.1		
Emergency Alarm/Voice Communications	Provided		
Climate Zone	5A		

Chapter 5: General Building Heights and Areas

	Allowable	Proposed	Reference
Maximum Building Height (feet)	60' - 0"	22' - 6"	504.3
Maximum Building Height (stories)	2	2	504.4
Maximum Allowable Area (A _s)	45,000 SF	19,700 SF	506.2.3
Allowable Area Factor (A _f)	18,000 SF	N/A	506.2
Area Factor Increase (I)	75%	N/A	506.3.3

Chapter 6: Types of Construction

	Allowable	Proposed	Reference
Minimum Fire-Resistance Rating Req.			Table 601
Primary Structural Frame	0 hours	N/A	
Exterior Bearing Walls	0 hours	N/A	
Interior Bearing Walls	0 hours	N/A	
Exterior Non-bearing walls/partitions	0 hours	N/A	
Interior Non-bearing walls/partitions	0 hours	N/A	
Floor Construction	0 hours	N/A	
Roof Construction	0 hours	N/A	

Chapter 7: Fire and Smoke Protection Features

	Allowable	Proposed	Reference
Minimum Fire-Resistance Rating Req.			
Fire Walls	2 hours	N/A	706.4a
Fire Barriers	varies	707	713.4
Shaft Enclosures (<4 stories)	1 hour	1 hour	3005.4
Machine Room Enclosure	1 hour	N/A	1023.2
Interior Exit Stairways	0 hours	0 hours	1019.3
Exit Access Stairways	1 hour	N/A	708.3

Chapter 8: Interior Finishes

	Allowable	Proposed	Reference
Interior Wall and Ceiling Finish Req.			803.1.2
Interior Exit Stairways	B	N/A	Table 803.13b
Corridors	B	N/A	Table 803.13
Exit Access Stairway Enclosures	B	N/A	Table 803.13
Rooms and Enclosed Spaces	C	C or better	Table 803.13

Chapter 9: Fire Protection and Life Safety Systems

	Allowable	Proposed	Reference
Automatic Sprinkler System	Required	Provided	903.2.1.3.3
Portable Fire Extinguishers (Type A)			906
Min. extinguisher rating	2-A (or two 1-A)		Table 906.3(1)
Max. floor area per unit of A	3,000 SF		Table 906.3(1)
Max. floor area for extinguisher	11,250 SF		Table 906.3(1)
Max. travel distance to extinguisher	75' - 0"		Table 906.3(1)
Portable Fire Extinguishers (Type B)			906
Max. travel distance to extinguisher	30' - 0" (5-B)	N/A	Table 906.3(2)
Max. travel distance to extinguisher	50' - 0" (10-B)	N/A	Table 906.3(2)
Manual Fire Alarm Boxes	Not Required	Not Provided	907.2.2

Chapter 10: Means of Egress

	Allowable	Proposed	Reference
Maximum Common Path of Travel	75' - 0"	58' - 0"	Table 1006.2.1
Min. Number of Access to Exits per Story	2	2	106.3.2
Maximum Exit Access Travel Distance	250' - 0"	139' - 9"	Table 1017.2

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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Drawing Title
Code Summary

Date	11/06/20
Scale	Not to Scale
Drawing Number	A-A-004
Sheet Size	ARCH D

Occupancy Schedule - Administration - Ground Level

Room Name	Area	Occupancy	Building Code of New York State		
			Area Type	Floor Area / Occupant	Occupant Load
Meeting Rm Lrg	649 SF	B	Net	15	44
Storage	182 SF	S-1	Gross	300	1
Lounge	808 SF	A-2	Net	15	54
Pantry	388 SF	B	Gross	150	3
Lobby	432 SF	B	Gross	150	3
Reception	169 SF	B	Gross	150	2
Pantry	97 SF	B	Gross	150	1
ADA Restroom	63 SF	B	Gross	150	1
Restroom	160 SF	B	Gross	150	2
Custodian	57 SF	B	Gross	150	1
Toilet	50 SF	B	Gross	300	1
Toilet	48 SF	B	Gross	150	1
Mail Rm	102 SF	B	Gross	150	1
Circulation	94 SF	Circulation	Gross	100	1
Vestibule	166 SF	Circulation	Gross	100	2
Office	2301 SF	B	Gross	150	16
Future Growth	339 SF	B	Gross	150	3
Office	100 SF	B	Gross	150	1
Office	100 SF	B	Gross	150	1
Storage	120 SF	S-1	Gross	300	1
Stair	206 SF	Circulation	Gross	100	3
Restroom	87 SF	B	Gross	150	1
Shower	98 SF	B	Gross	150	1
Shower	116 SF	B	Gross	150	1
Toilet	30 SF	B	Gross	150	1
Toilet	31 SF	B	Gross	150	1
Meeting Rm Med	295 SF	B	Net	15	20
Workspace	351 SF	B	Gross	150	3
Locker Room	330 SF	B	Gross	150	3
Cloak	84 SF	S-1	Gross	300	1
Mechanical	238 SF	U	Net	300	1
Mechanical	180 SF	U	Net	300	1
Mechanical	123 SF	U	Net	300	1
Mechanical	242 SF	U	Net	300	1
Storage	126 SF	S-1	Gross	300	1
Stair	91 SF	Circulation	Gross	100	1
Circulation	325 SF	Circulation	Gross	100	4
Dining	139 SF	B	Gross	15	10
					195

Life Safety Legend

- Path of Travel
- Fire Extinguisher
- Non-Rated Wall
- 1-Hour Rated Wall
- 2-Hour Rated Wall
- 3-Hour Rated Wall
- Door Egress Tag
- Stair Egress Tag
- Area Occupancy Tag
- Travel Path ID Tag
- Fire Extinguisher (Type A) Tag
- Fire Extinguisher (Type A-B) Tag
- Fire Extinguisher (Type C) Tag
- A-2 Assembly
- A-3 Assembly
- B Business
- F-1 Moderate-Hazard Industrial
- M Mercantile
- U Utility/Miscellaneous
- S-1 Moderate-Hazard Storage
- Circulation

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Key Plan



Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

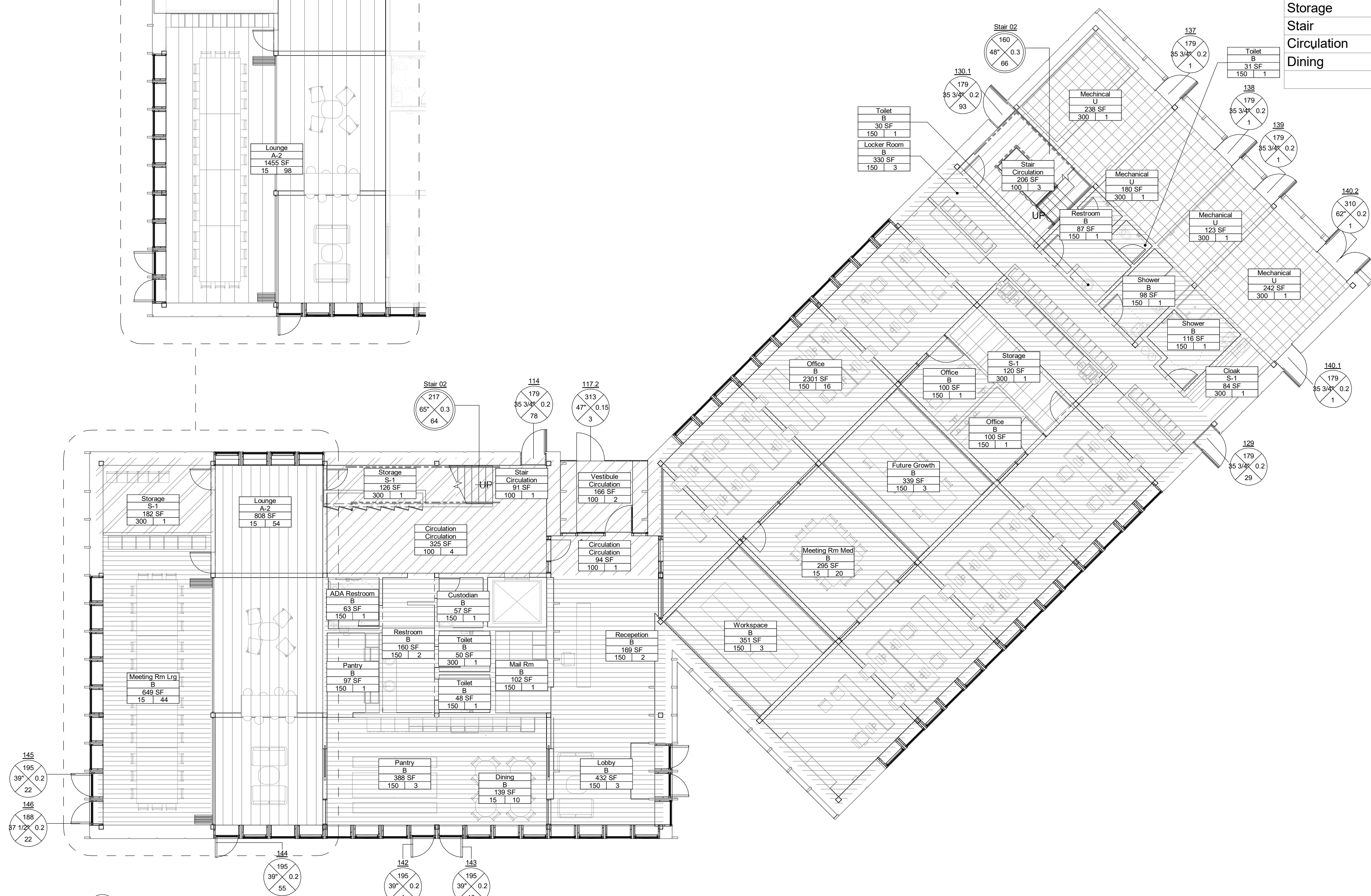
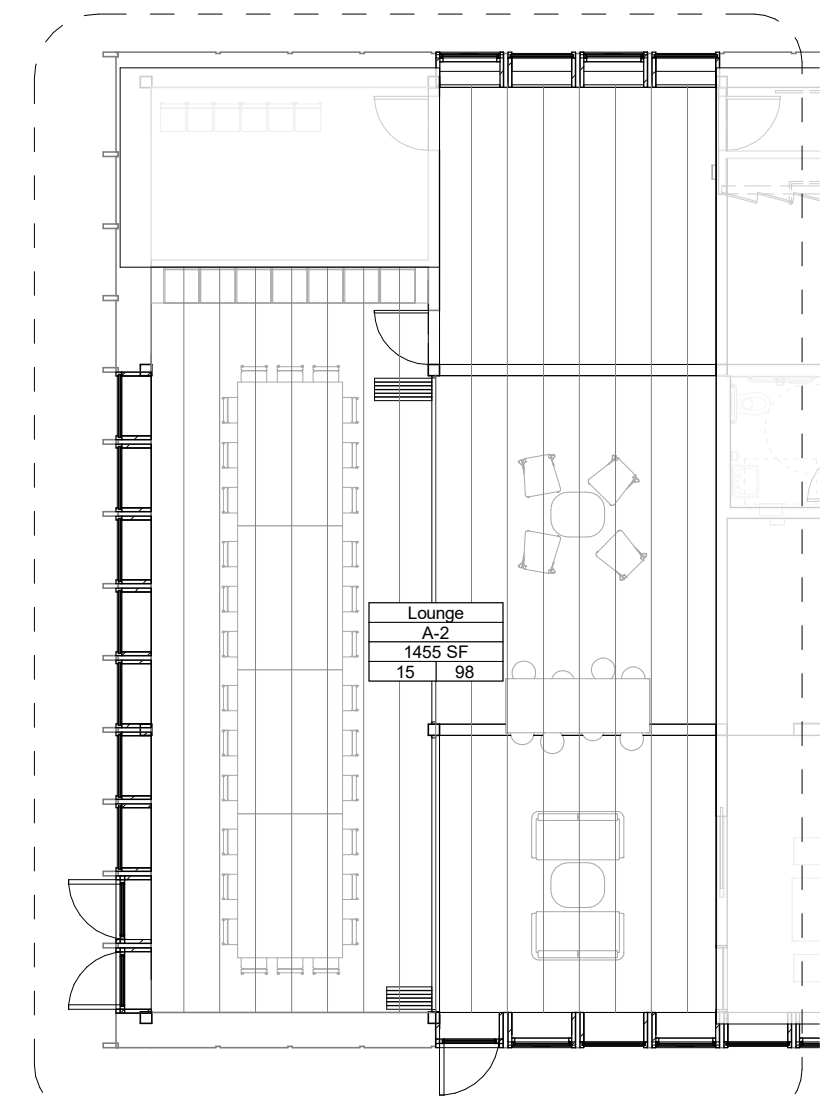
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Drawing Title
**Occupancy Load &
Exit Capacity -
Ground Level**

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-005
Sheet Size	ARCH D

Alternate Scheme (Meeting Room Doors Retracted)



1 Occupancy Plan - Ground Level
3/32" = 1'-0"

Occupancy Schedule - Administration - Second Level					
Room Name	Area	Occupancy	Building Code of New York State		
			Area Type	Floor Area / Occupant	Occupant Load
Archive	616 SF	S-1	Gross	300	3
Office	482 SF	B	Gross	150	4
Storage	239 SF	S-1	Gross	300	1
Reading Room	248 SF	B	Gross	50	5
Library	336 SF	B	Gross	150	3
Future Growth	314 SF	B	Gross	150	3
Office	2736 SF	B	Gross	150	19
Meeting Rm Med	133 SF	B	Net	15	9
Meeting rM Med	138 SF	B	Net	15	10
Office	1995 SF	B	Gross	150	14
Meeting Rm Med	296 SF	B	Net	15	20
Workspace	155 SF	B	Net	15	11
Stair 1	44 SF	Circulation	Gross	100	1
Kitchen	169 SF	B	Gross	150	2
Restroom	160 SF	B	Gross	150	2
Mechincal	57 SF	U	Net	300	1
Nursing	57 SF	B	Gross	150	1
Toilet	50 SF	B	Gross	150	1
Toilet	48 SF	B	Gross	150	1
Nursing	43 SF	B	Gross	150	1
Circulation	546 SF	Circulation	Gross	100	6
IT	118 SF	B	Gross	150	1
Storage	56 SF	S-1	Gross	300	1
Meeting Rm Exec	69 SF	B	Net	15	5
Meeting Rm Sm	70 SF	B	Net	15	5
Stair 02	71 SF	Circulation	Gross	100	1
					131

Life Safety Legend

- Path of Travel
- Fire Extinguisher
- Non-Rated Wall
- 1-Hour Rated Wall
- 2-Hour Rated Wall
- 3-Hour Rated Wall
- Door Egress Tag
- Stair Egress Tag
- Area Occupancy Tag
- TRAVEL PATH X
- Travel Path ID Tag
- FE (Type A) Tag
- FE (Type A-B) Tag
- FE (Type C) Tag
- A-2 Assembly
- A-3 Assembly
- B Business
- F-1 Moderate-Hazard Industrial
- M Mercantile
- U Utility/Miscellaneous
- S-1 Moderate-Hazard Storage
- Circulation

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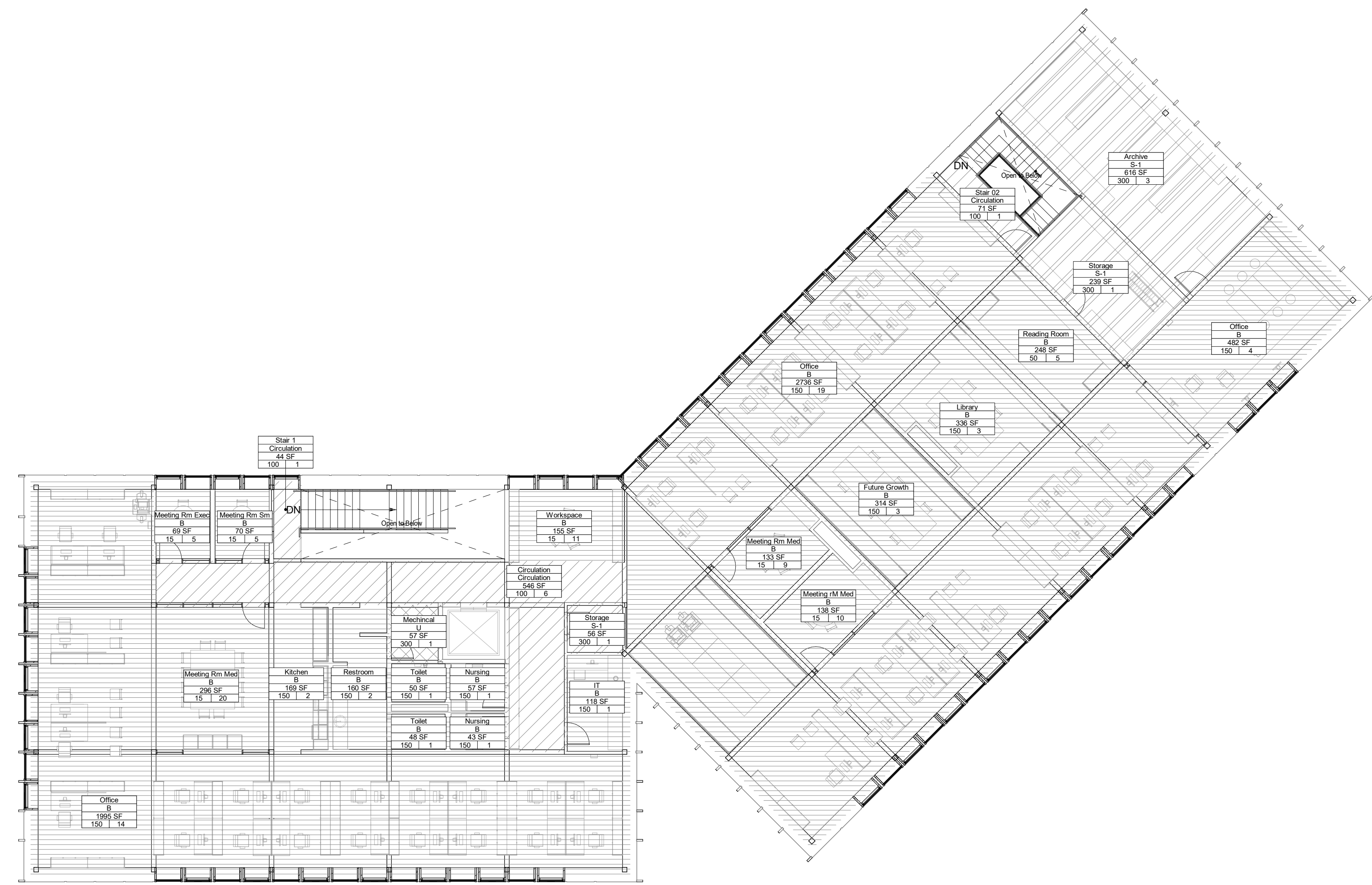
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Key Plan



1 Occupancy Plan - Second Level
3/32" = 1'-0"

Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

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Drawing Title
Occupancy Load & Exit Capacity - Second Level

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-006
Sheet Size	ARCH D

Egress Travel Paths - Ground Level

Travel Path	Travel Distance
1	46' - 9 1/2"
2	72' - 6"
3	49' - 0"
4	43' - 5 1/4"
5	60' - 4"
6	48' - 2 1/2"
7	40' - 6 1/2"
8	103' - 10 1/2"
9	78' - 7"
10	70' - 5 1/2"
11	60' - 1 1/4"
12	52' - 2"
13	15' - 2 1/4"
14	23' - 8 1/2"
15	21' - 0"
16	24' - 6"
17	28' - 4"
FE-1-1	69' - 4 1/2"
FE-1-2	68' - 8 1/4"
FE-1-3	63' - 5 1/2"
FE-1-4	58' - 4 1/4"

Egress Travel Paths - Ground Level - Alternate

Travel Path	Travel Distance
1-ALT	57' - 9"
2-ALT	61' - 5 1/2"

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Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

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Administration
Building**

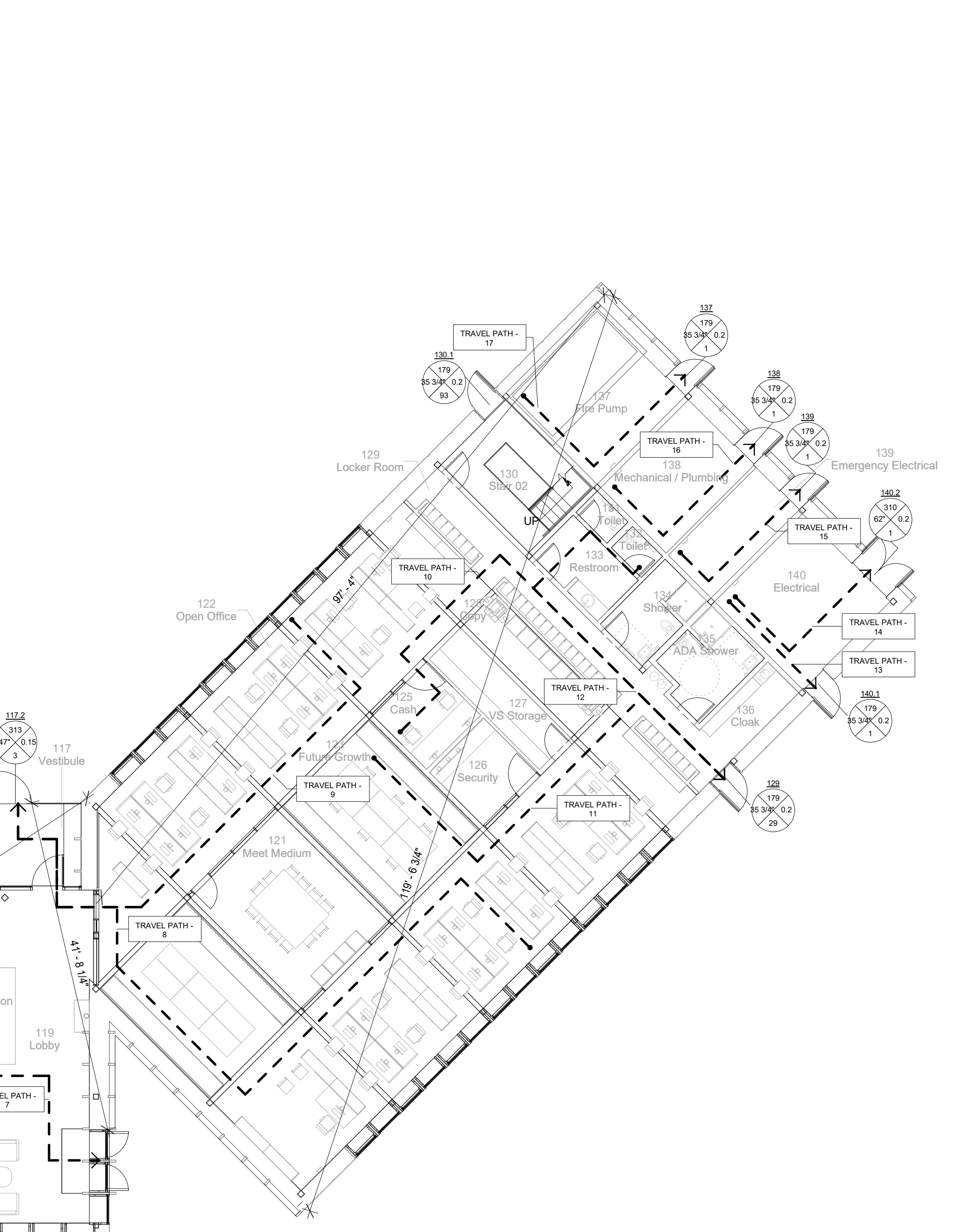
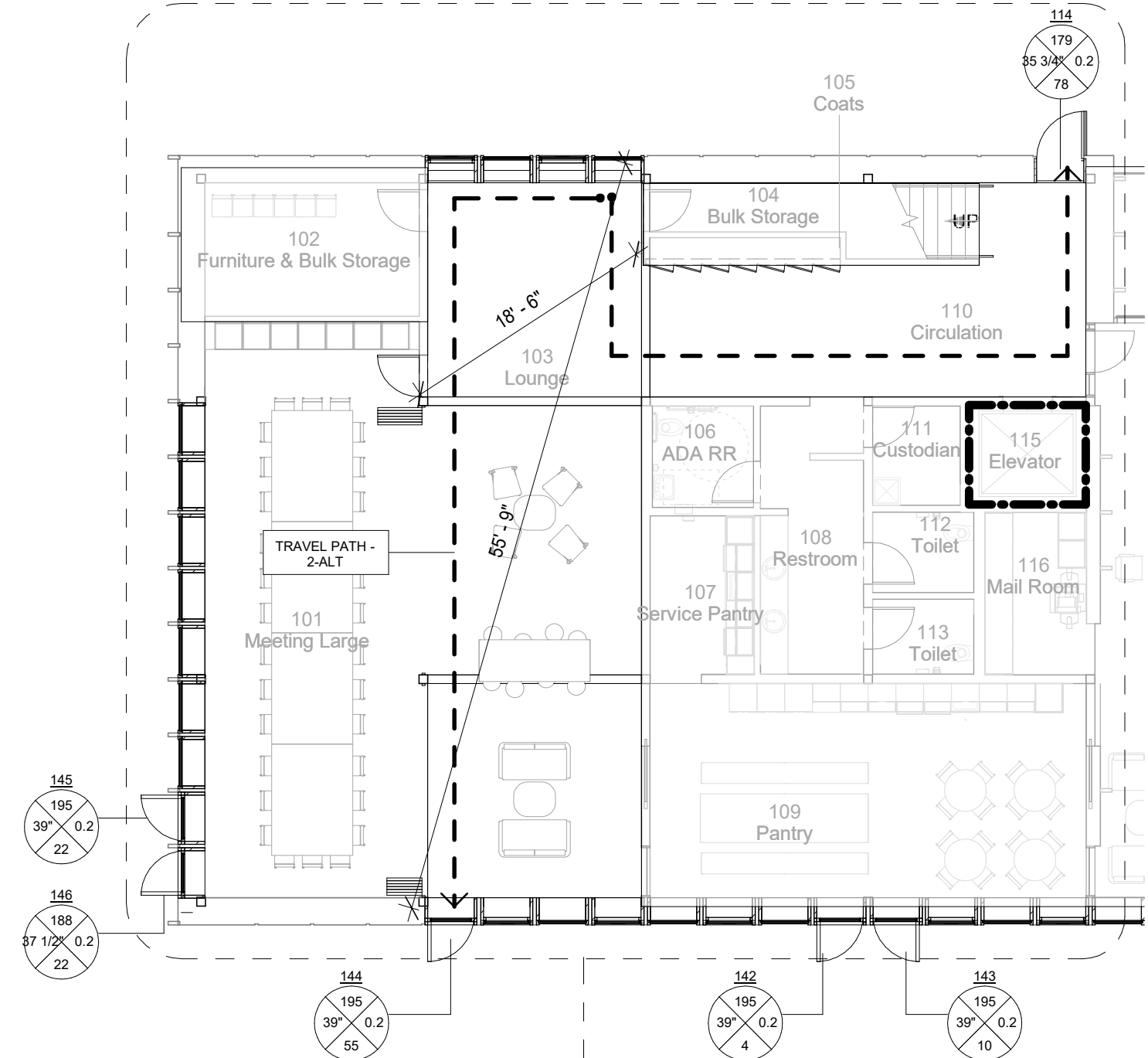
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Drawing Title
Fire Ratings & Egress
Distance - Ground
Level

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-007
Sheet Size	ARCH D

Alternate Scheme (Meeting Room Doors Retracted)



1 Egress Plan - Ground Level
3/32" = 1'-0"

Egress Travel Paths - Second Level

Travel Path	Travel Distance
18	112' - 7"
19	81' - 0"
20	125' - 0 1/2"
21	123' - 5"
22	139' - 9"
23	135' - 8"
FE-2-1	62' - 4 3/4"
FE-2-2	72' - 5 3/4"
FE-2-3	46' - 4 1/2"
FE-2-4	55' - 9 3/4"
FE-2-5	52' - 1"

Life Safety Legend

- Path of Travel
- Fire Extingisher
- Non-Rated Wall
- 1-Hour Rated Wall
- 2-Hour Rated Wall
- 3-Hour Rated Wall
- Door Egress Tag
- Stair Egress Tag
- Area Occupancy Tag
- Travel Path ID Tag
- Fire Extingisher (Type A) Tag
- Fire Extingisher (Type A-B) Tag
- Fire Extingisher (Type C) Tag
- A-2 Assembly
- A-3 Assembly
- B Business
- F-1 Moderate-Hazard Industrial
- M Mercantile
- U Utility/Miscellaneous
- S-1 Moderate-Hazard Storage
- Circulation

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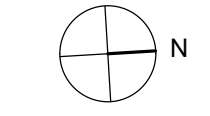
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

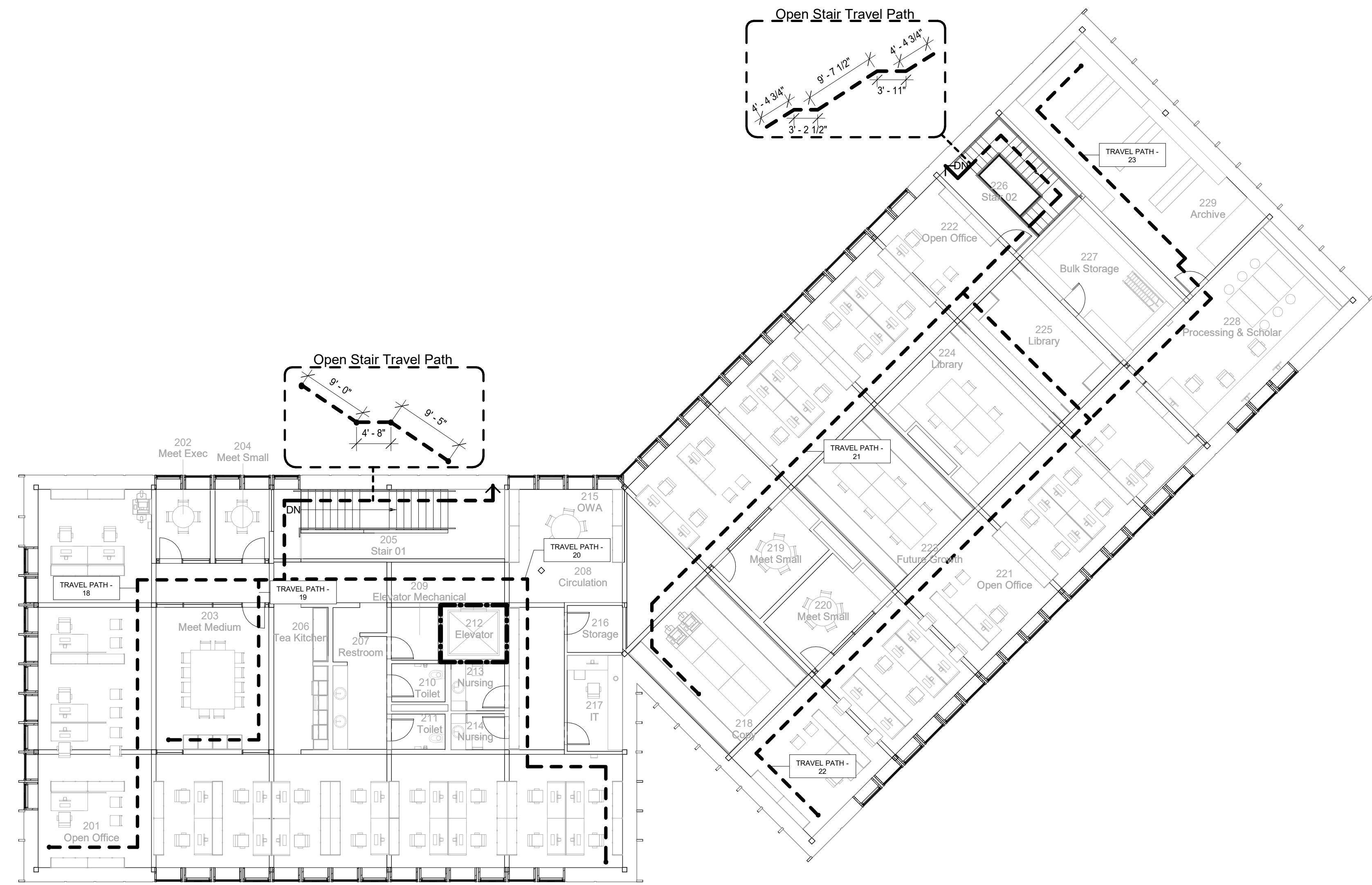
**Storm King
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 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Fire Ratings & Egress
 Distance - Second
 Level

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-008
Sheet Size	ARCH D



1 Egress Plan - Second Level
 3/32" = 1'-0"

FE Travel Paths - Ground Level	
Travel Path	Travel Distance
FE-1-1	69' - 4 1/2"
FE-1-2	68' - 8 1/4"
FE-1-3	63' - 5 1/2"
FE-1-4	58' - 4 1/4"
FE-1-5	68' - 0 1/4"

Life Safety Legend	
	Path of Travel
	Fire Extinguisher
	Non-Rated Wall
	1-Hour Rated Wall
	2-Hour Rated Wall
	3-Hour Rated Wall
	Door Egress Tag
	Stair Egress Tag
	Area Occupancy Tag
	Travel Path ID Tag
	Fire Extinguisher (Type A) Tag
	Fire Extinguisher (Type A-B) Tag
	Fire Extinguisher (Type C) Tag
	A-2 Assembly
	A-3 Assembly
	B Business
	F-1 Moderate-Hazard Industrial
	M Mercantile
	U Utility/Miscellaneous
	S-1 Moderate-Hazard Storage
	Circulation

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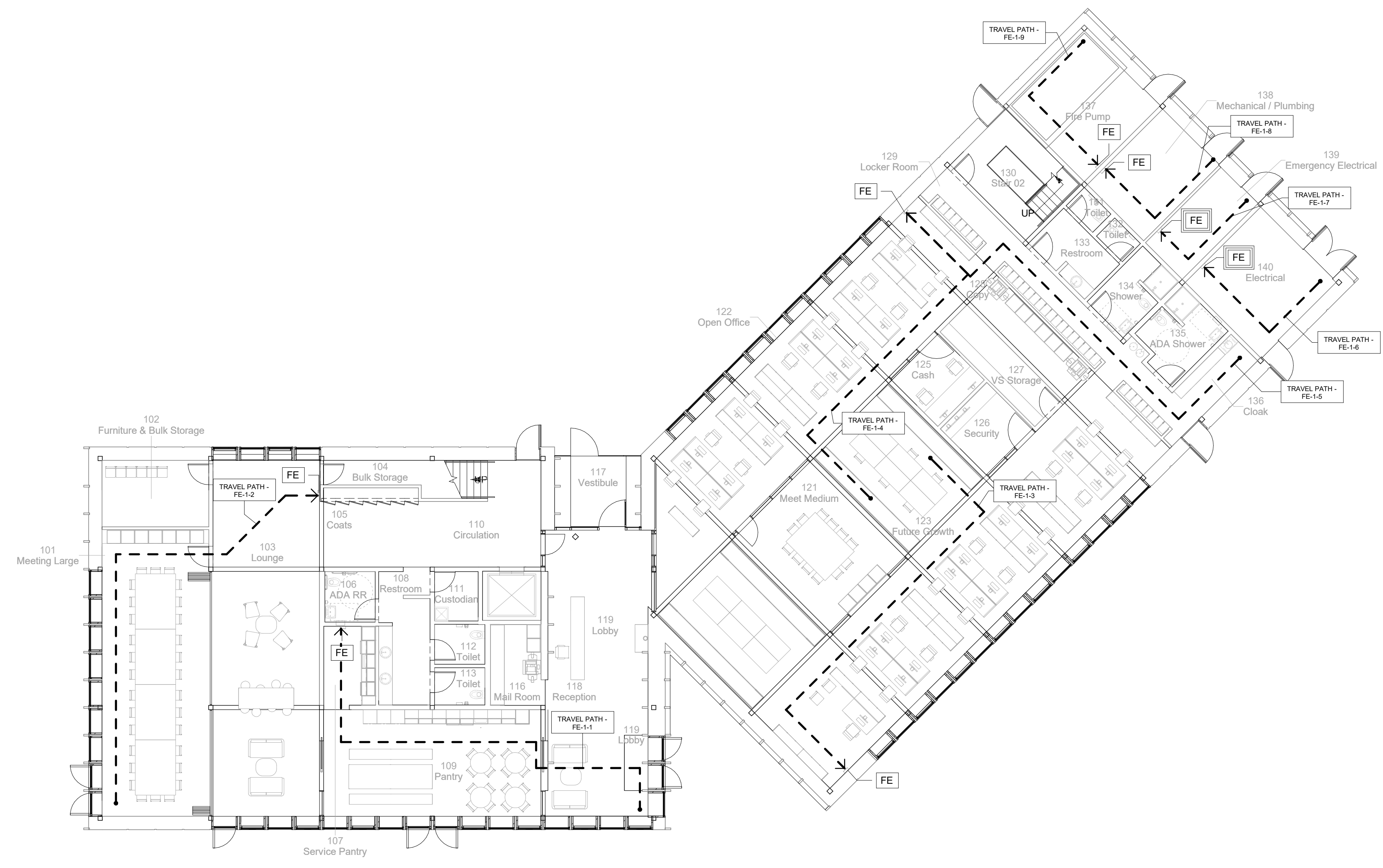
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration Building

Seal

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Drawing Title
Fire Extinguisher
Locations - Ground
Level

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-009
Sheet Size	ARCH D

1 Fire Extinguisher Plan - Ground Level
3/32" = 1'-0"

FE Travel Paths - Second Level

Travel Path	Travel Distance
FE-2-1	62' - 4 3/4"
FE-2-2	72' - 5 3/4"
FE-2-3	46' - 4 1/2"
FE-2-4	55' - 9 3/4"
FE-2-5	52' - 1"

Life Safety Legend

- Path of Travel
- Fire Extinguisher
- Non-Rated Wall
- 1-Hour Rated Wall
- 2-Hour Rated Wall
- 3-Hour Rated Wall
- Door Egress Tag
- Stair Egress Tag
- Area Occupancy Tag
- Travel Path ID Tag
- Fire Extinguisher (Type A) Tag
- Fire Extinguisher (Type A-B) Tag
- Fire Extinguisher (Type C) Tag
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- A-3 Assembly
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- Circulation

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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

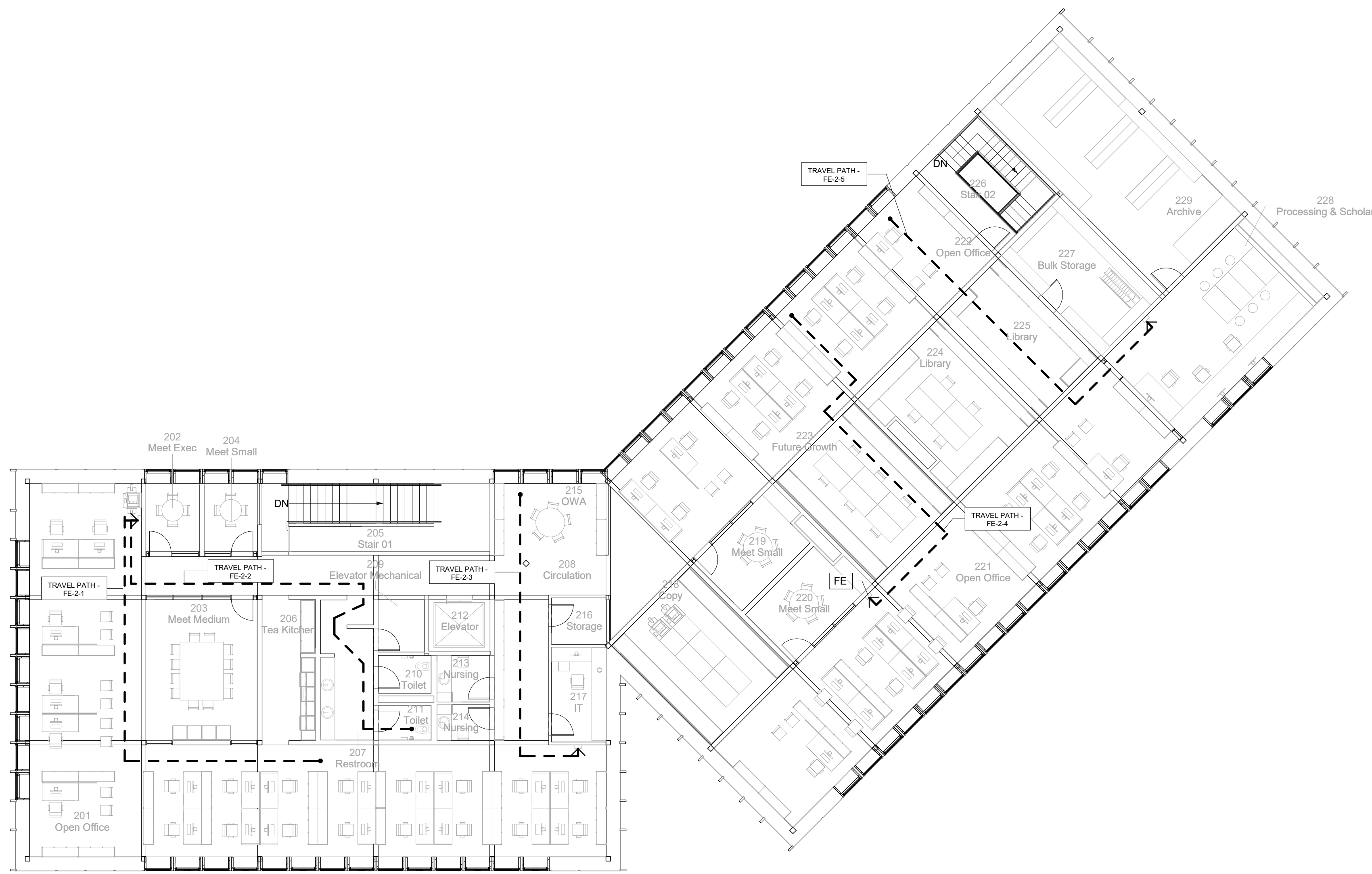
**Storm King
 Art Center
 Administration
 Building**

Seal

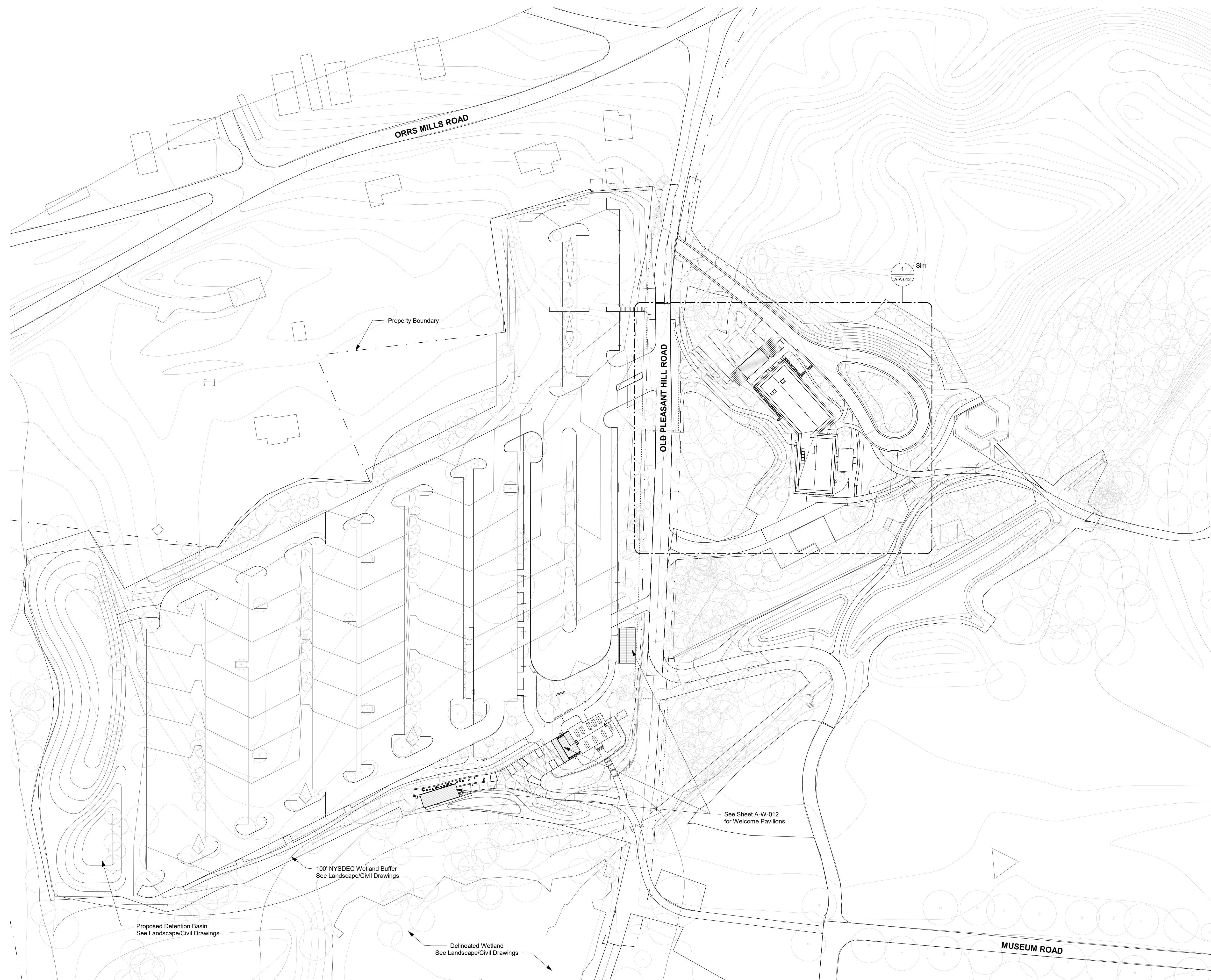
NOT FOR CONSTRUCTION

Drawing Title
 Fire Extinguisher
 Locations - Second
 Level

Date	11/06/20
Scale	3/32" = 1'-0"
Drawing Number	A-A-010
Sheet Size	ARCH D



1 Fire Extinguisher Plan - Second Level
 3/32" = 1'-0"



NOTES:
1 See Landscape drawings for site details

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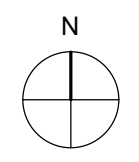
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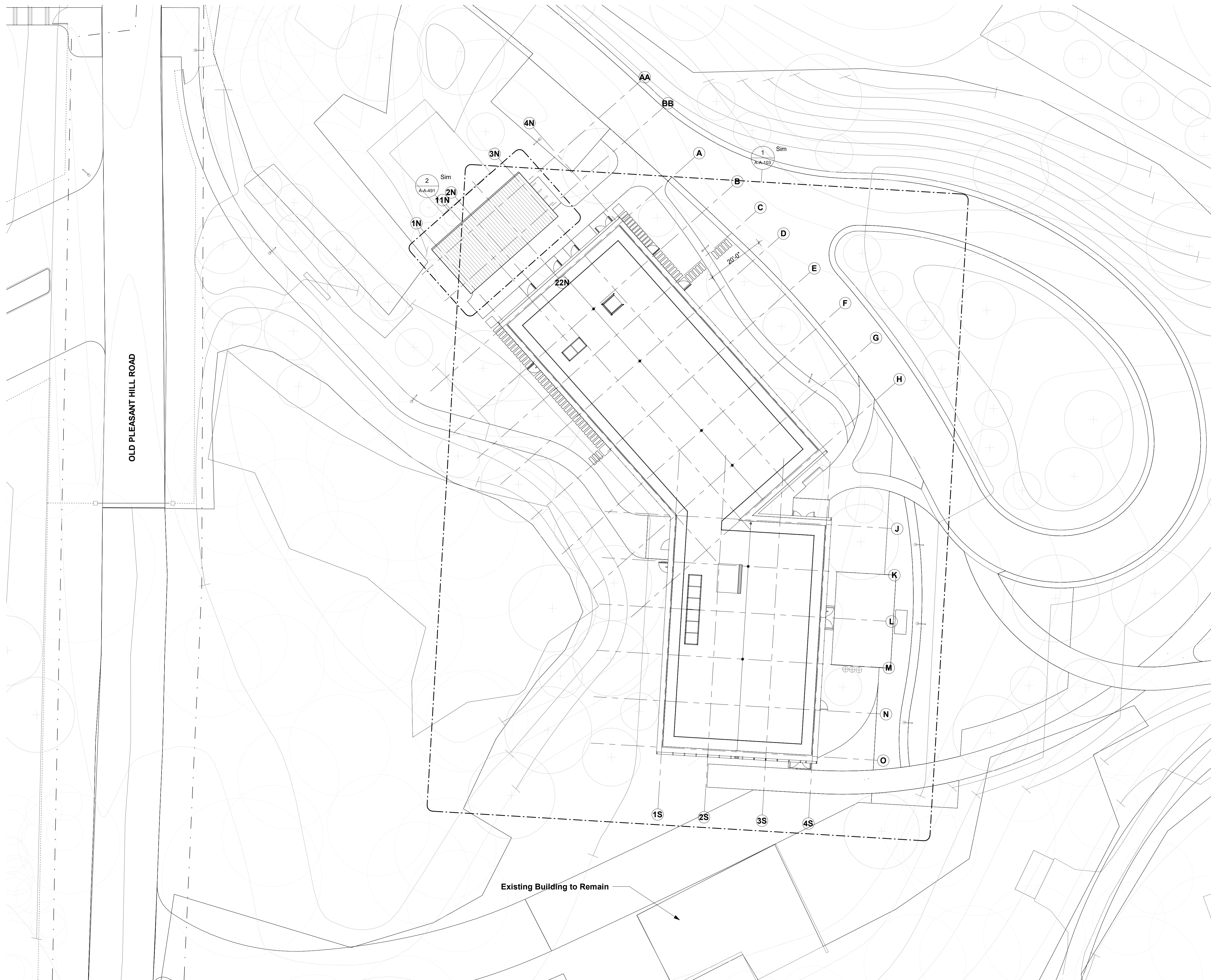
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

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Drawing Title
Site Plan - Property

Date	11/06/20
Scale	1/64" = 1'-0"
Drawing Number	A-A-011
Sheet Size	ARCH D



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Key Plan

N

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
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 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Site Plan - Building

Date	11/06/20
Scale	1/16" = 1'-0"
Drawing Number	A-A-012
Sheet Size	ARCH D



1 Site Plan - Setting Out
1" = 400'-0"

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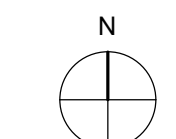
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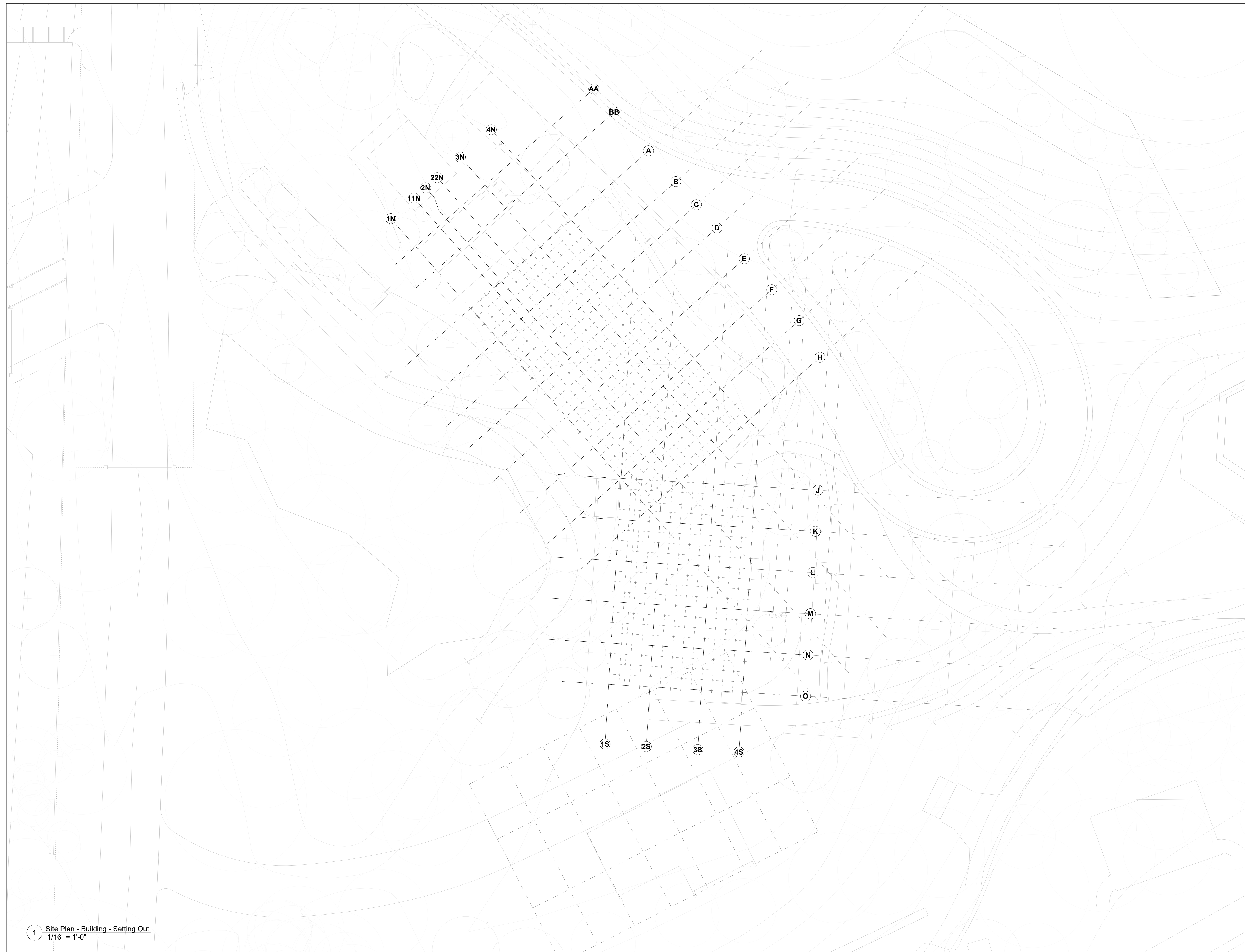
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center

Seal

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Drawing Title
Site Plan - Property - Setting Out

Date	11/06/20
Scale	1" = 400'-0"
Drawing Number	A-X-091
Sheet Size	ARCH D



1 Site Plan - Building - Setting Out
1/16" = 1'-0"

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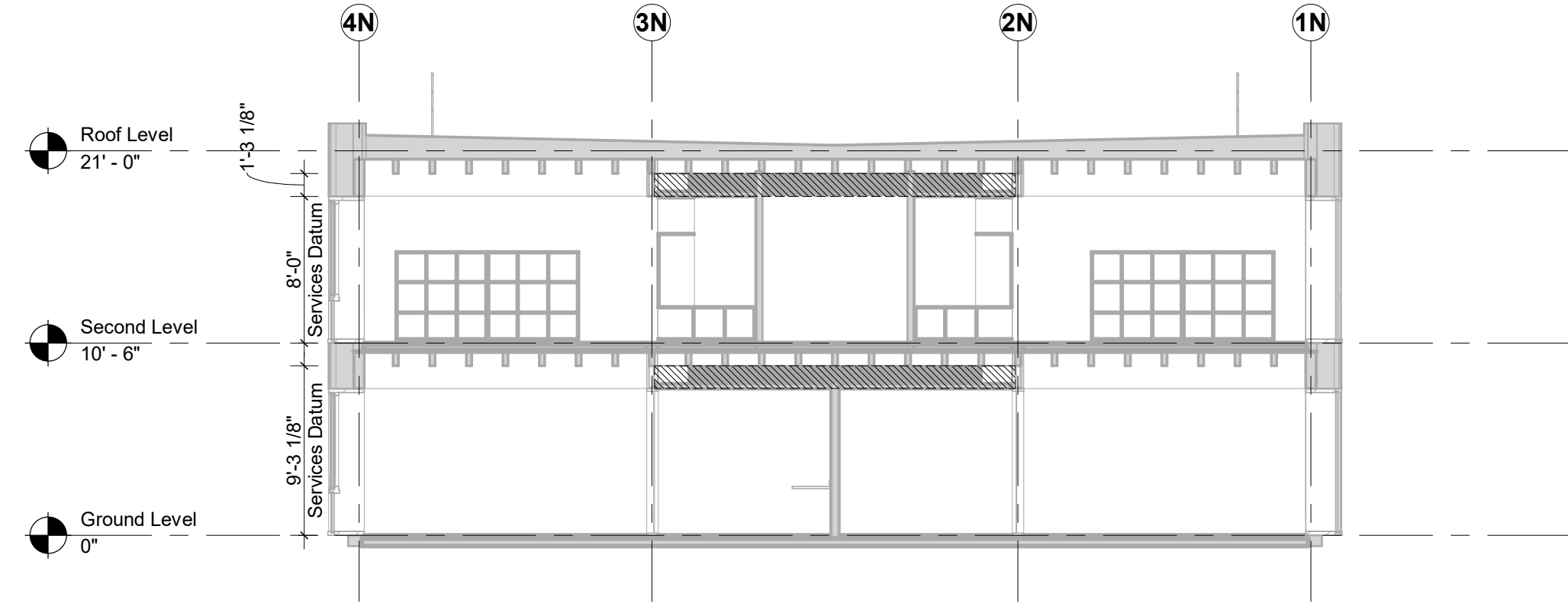
Description	Date
50% Construction Documents	11/06/20

Project
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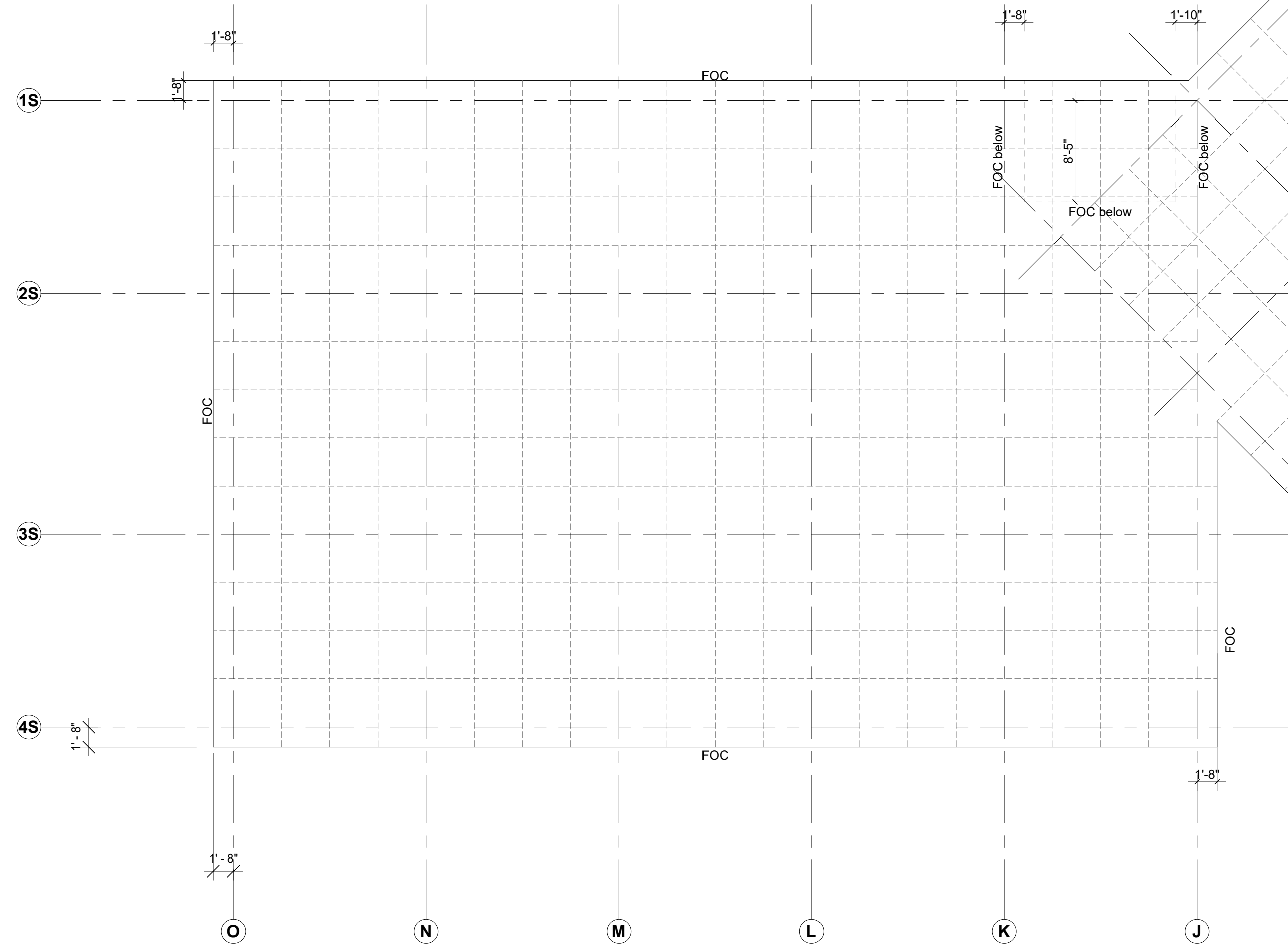
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Drawing Title
Setting Out - Site

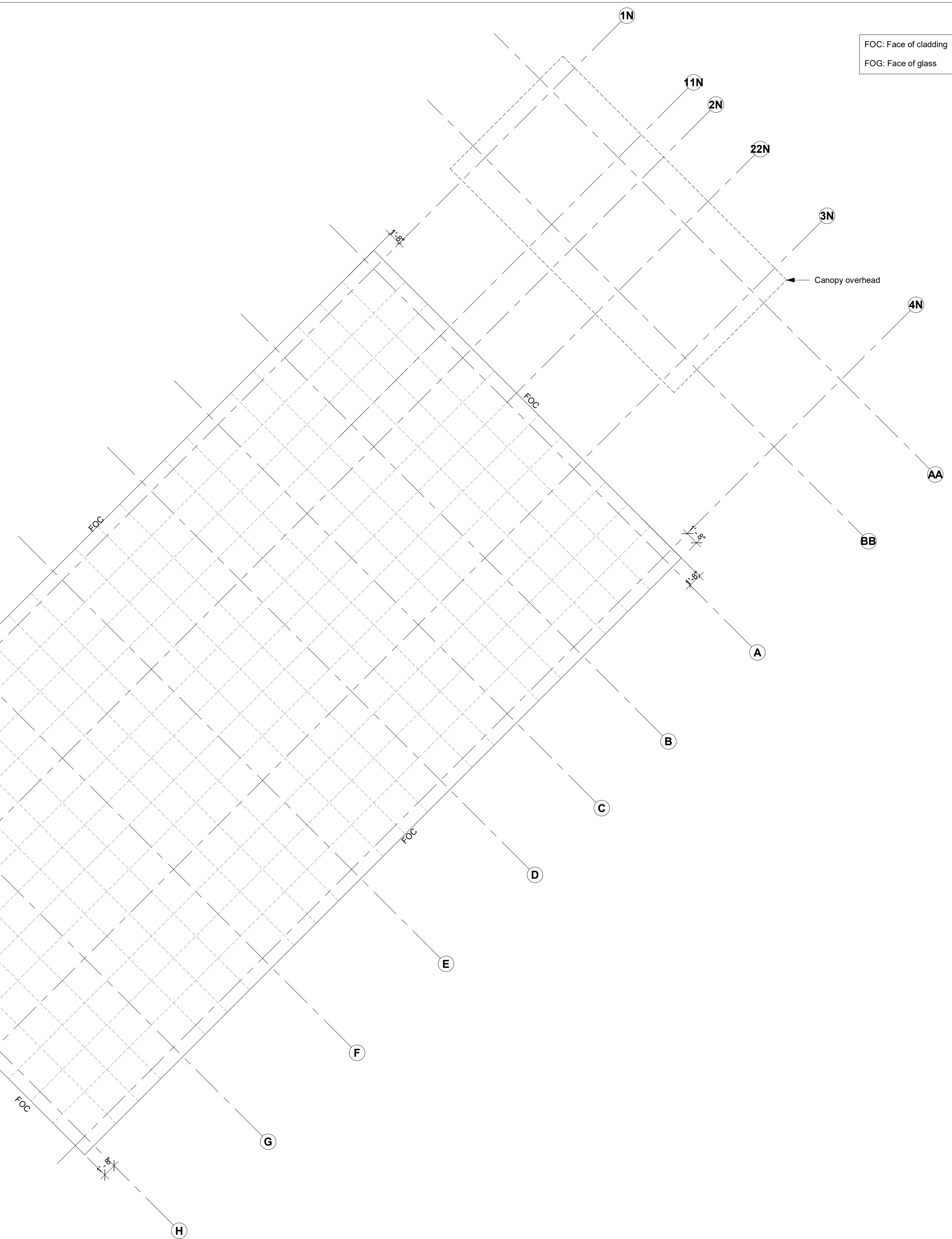
Date	11/06/20
Scale	1/16" = 1'-0"
Drawing Number	A-A-092
Sheet Size	ARCH D



2 Transverse Section B - Setting Out
1/8" = 1'-0"



1 Setting Out - Facade Grid
1/8" = 1'-0"



FOC: Face of cladding
FOG: Face of glass

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Key Plan

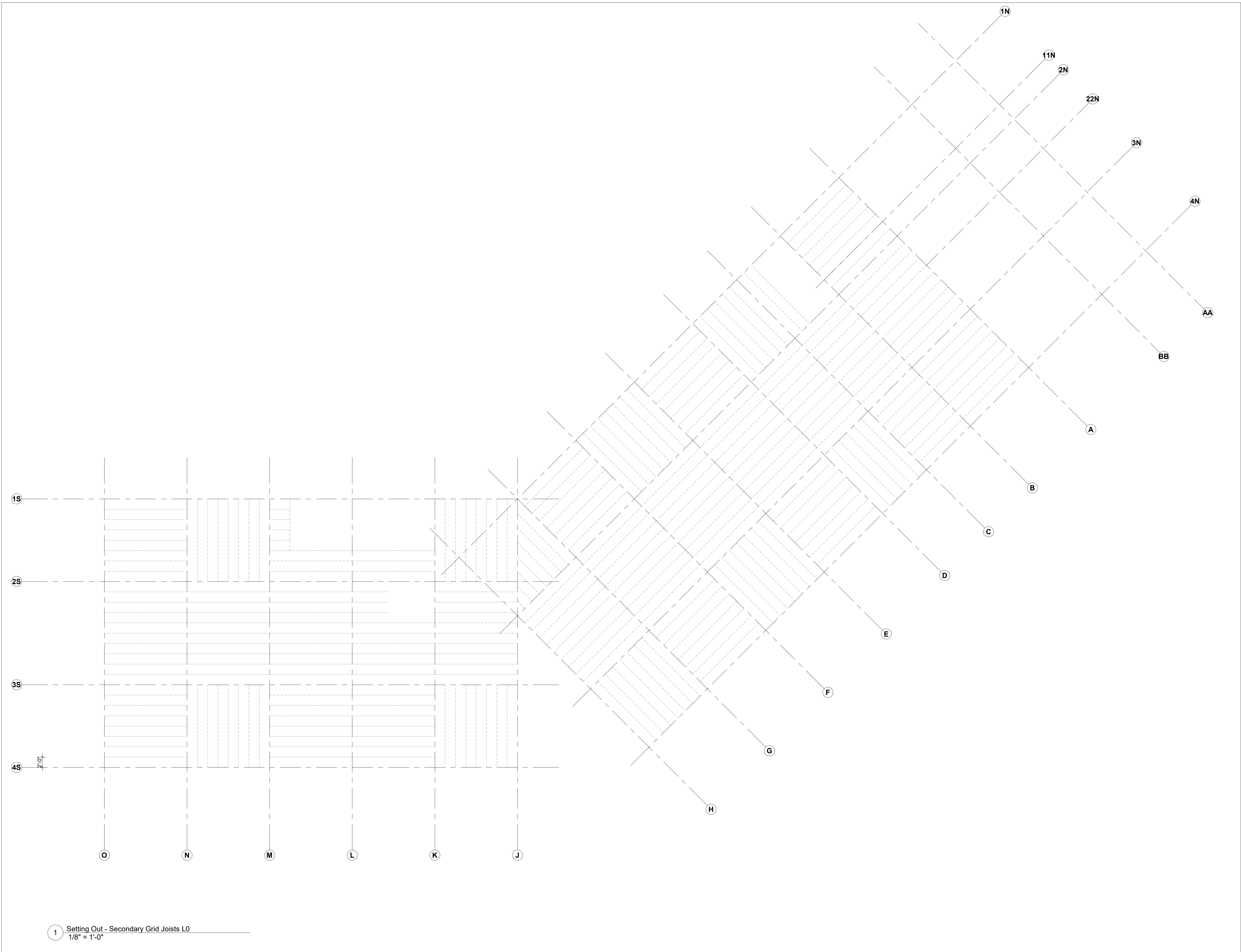
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration
Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Setting Out - Facade
& Vertical Grid

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-093
Sheet Size	ARCH D



1 Setting Out - Secondary Grid Joists L0
1/8" = 1'-0"

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

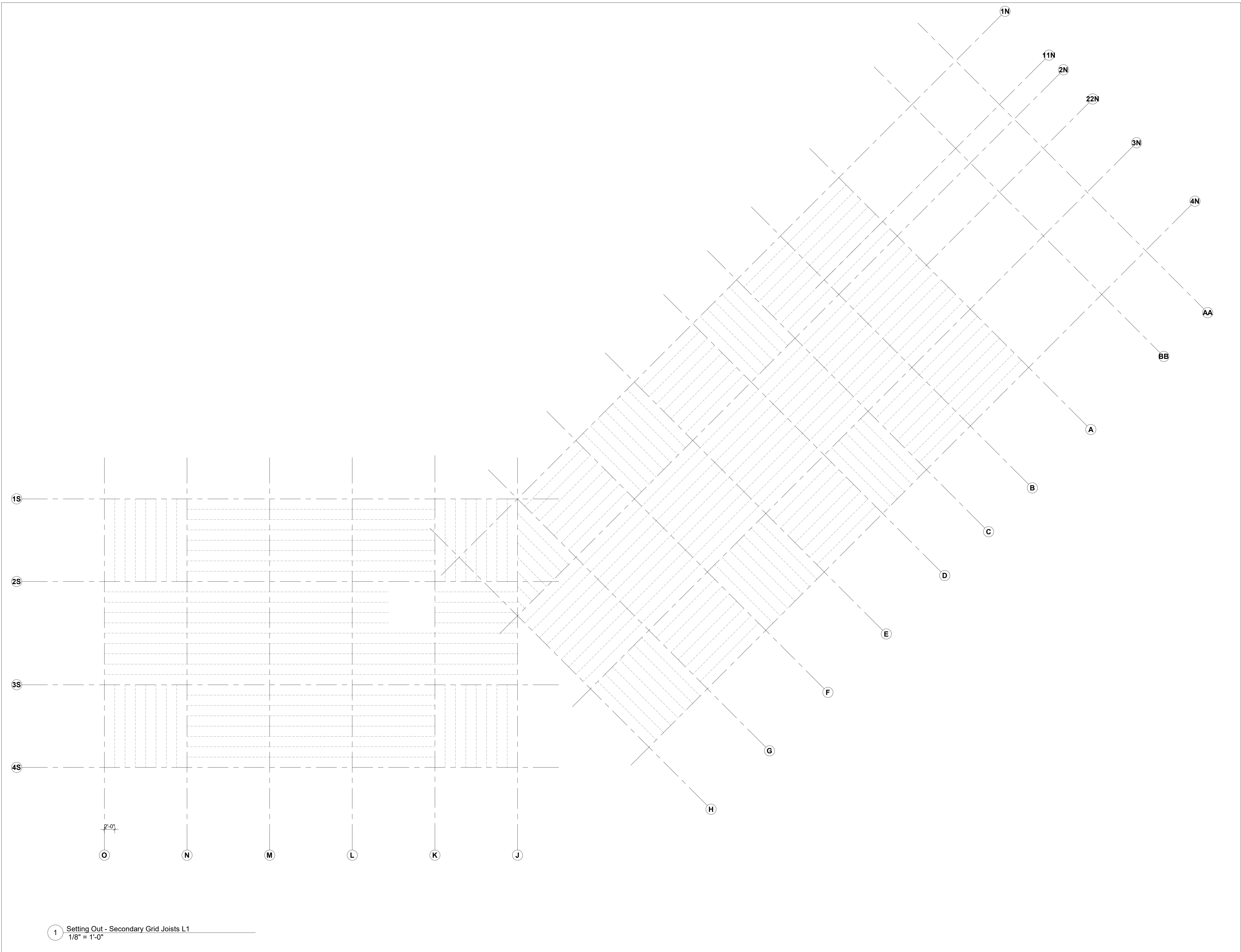
Drawing Title
Setting Out -
Secondary Grid -
Joists L1

Date 11/06/20

Scale 1/8" = 1'-0"

Drawing Number **A-A-094**

Sheet Size ARCH D



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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

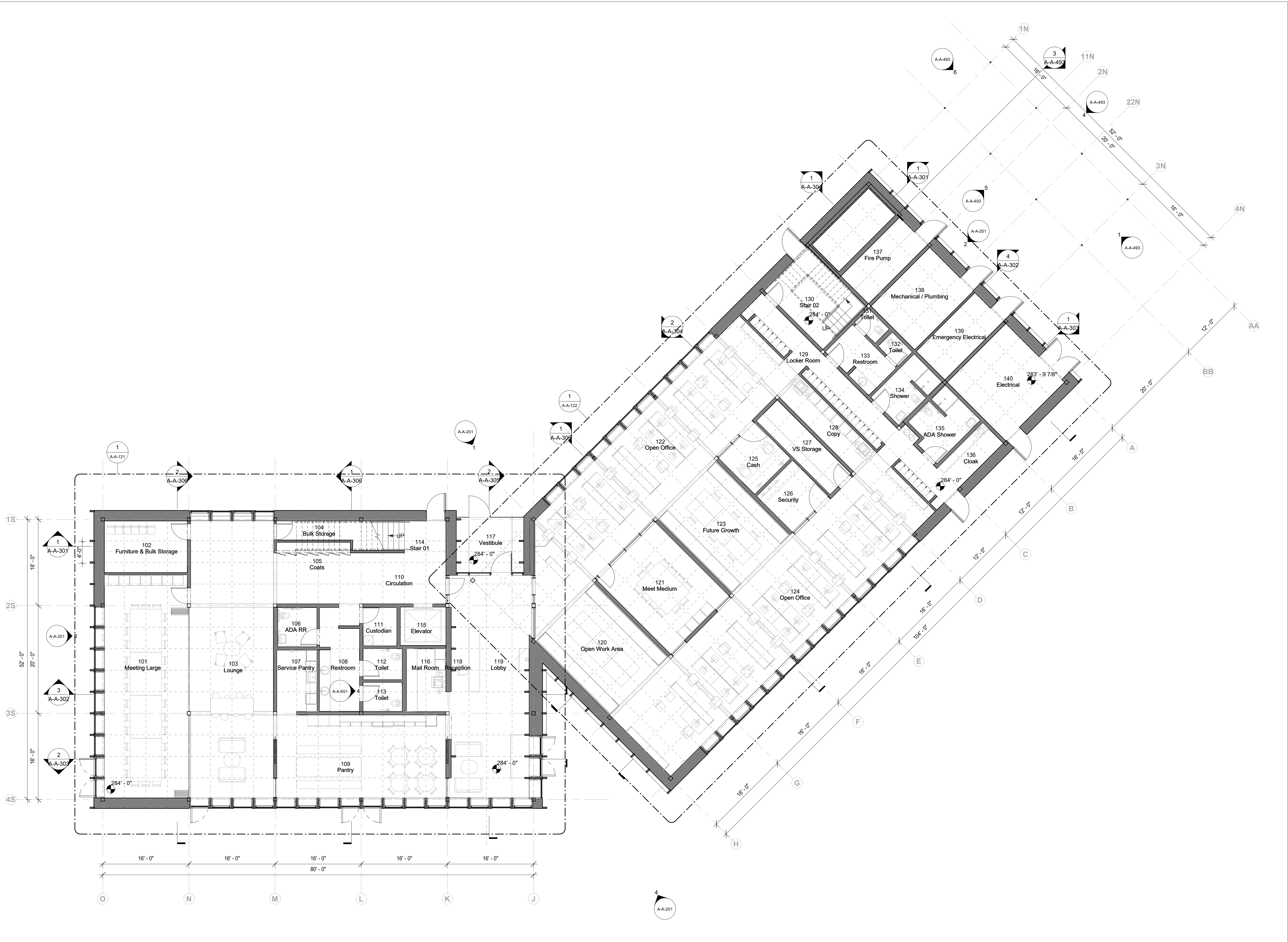
**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Setting Out -
 Secondary Grid -
 Joists L2

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-095
Sheet Size	ARCH D



1 Ground Level
1/8" = 1'-0"

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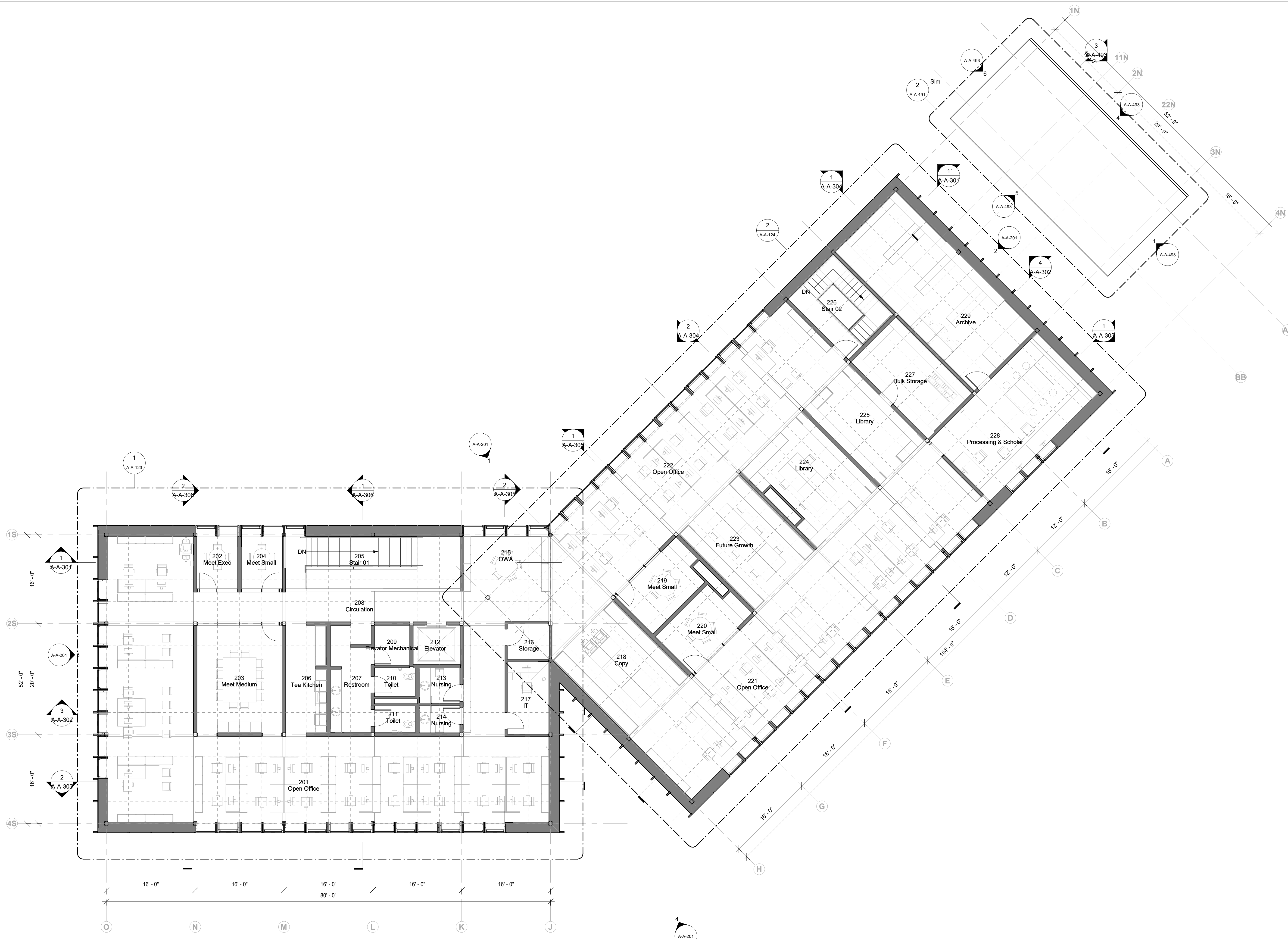
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Floor Plan - Ground
Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-101
Sheet Size	ARCH D



Owner
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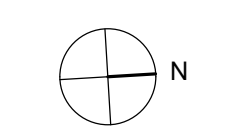
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Key Plan



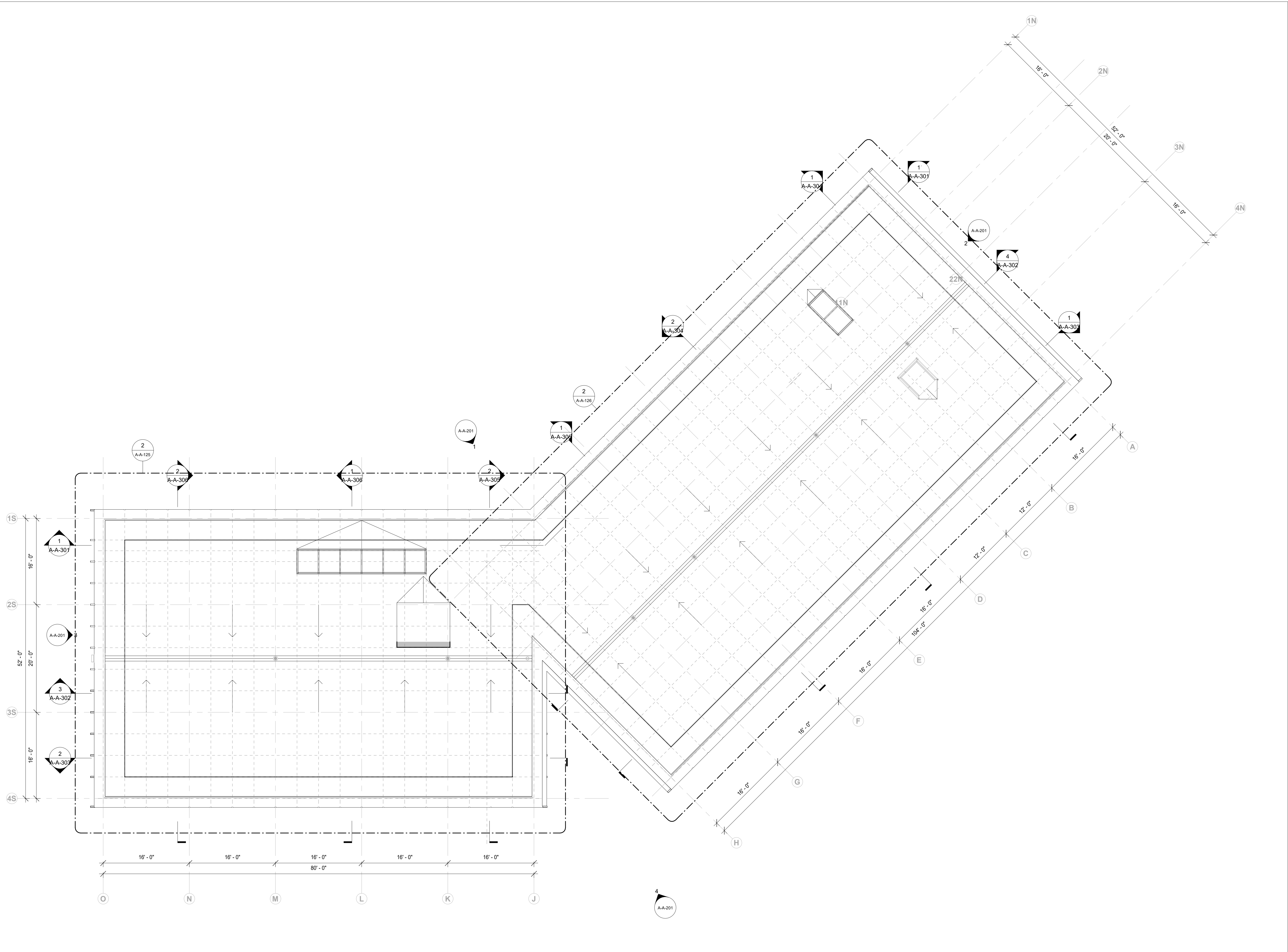
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Floor Plan - Second
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-102
Sheet Size	ARCH D



1 Roof Level
1/8" = 1'-0"

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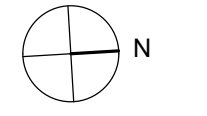
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Key Plan



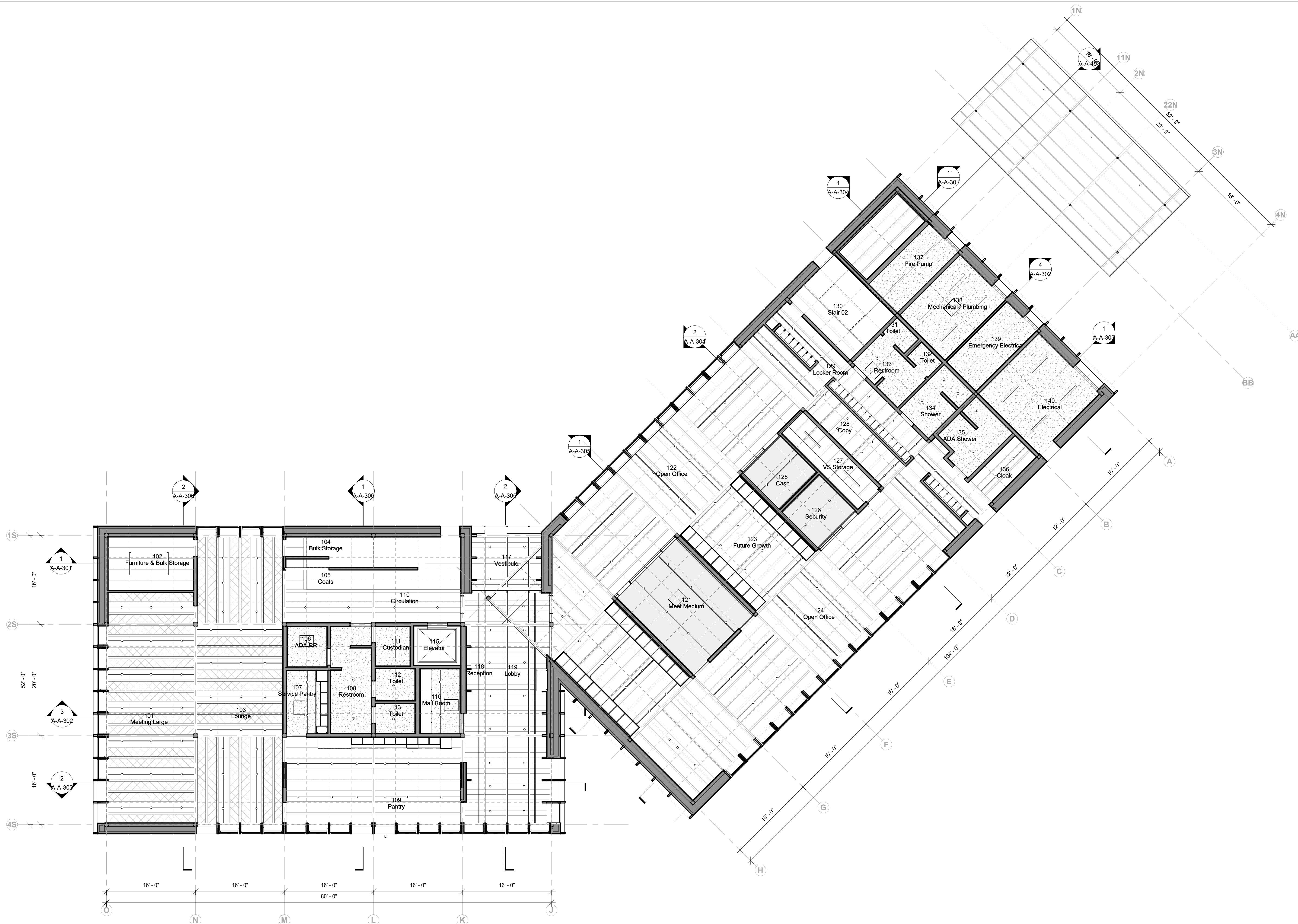
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Floor Plan - Roof
Level**

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-103
Sheet Size	ARCH D



1 Ground Level
1/8" = 1'-0"

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Key Plan



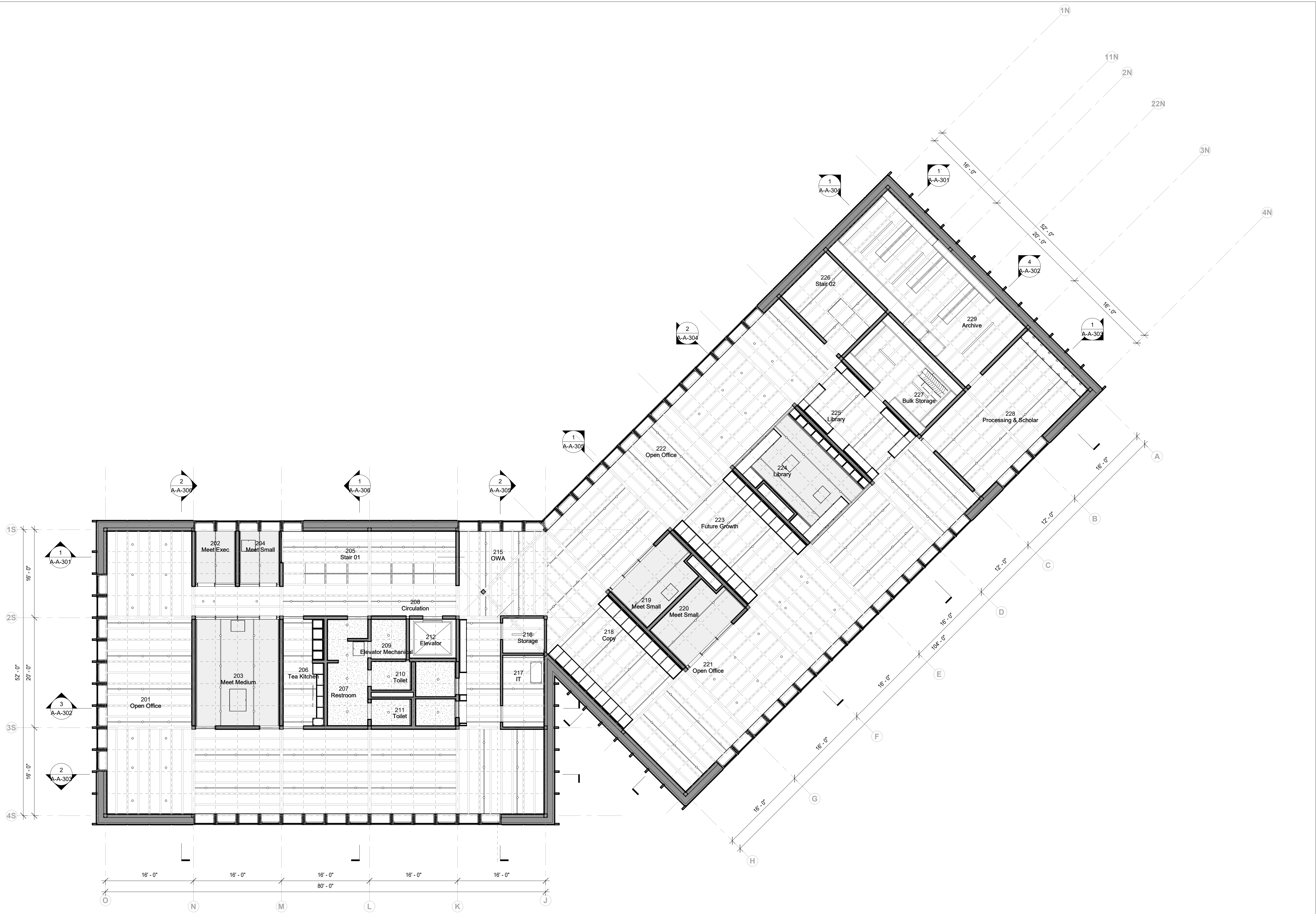
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
RCP - Ground Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-111
Sheet Size	ARCH D



1 Second Level
1/8" = 1'-0"

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Key Plan



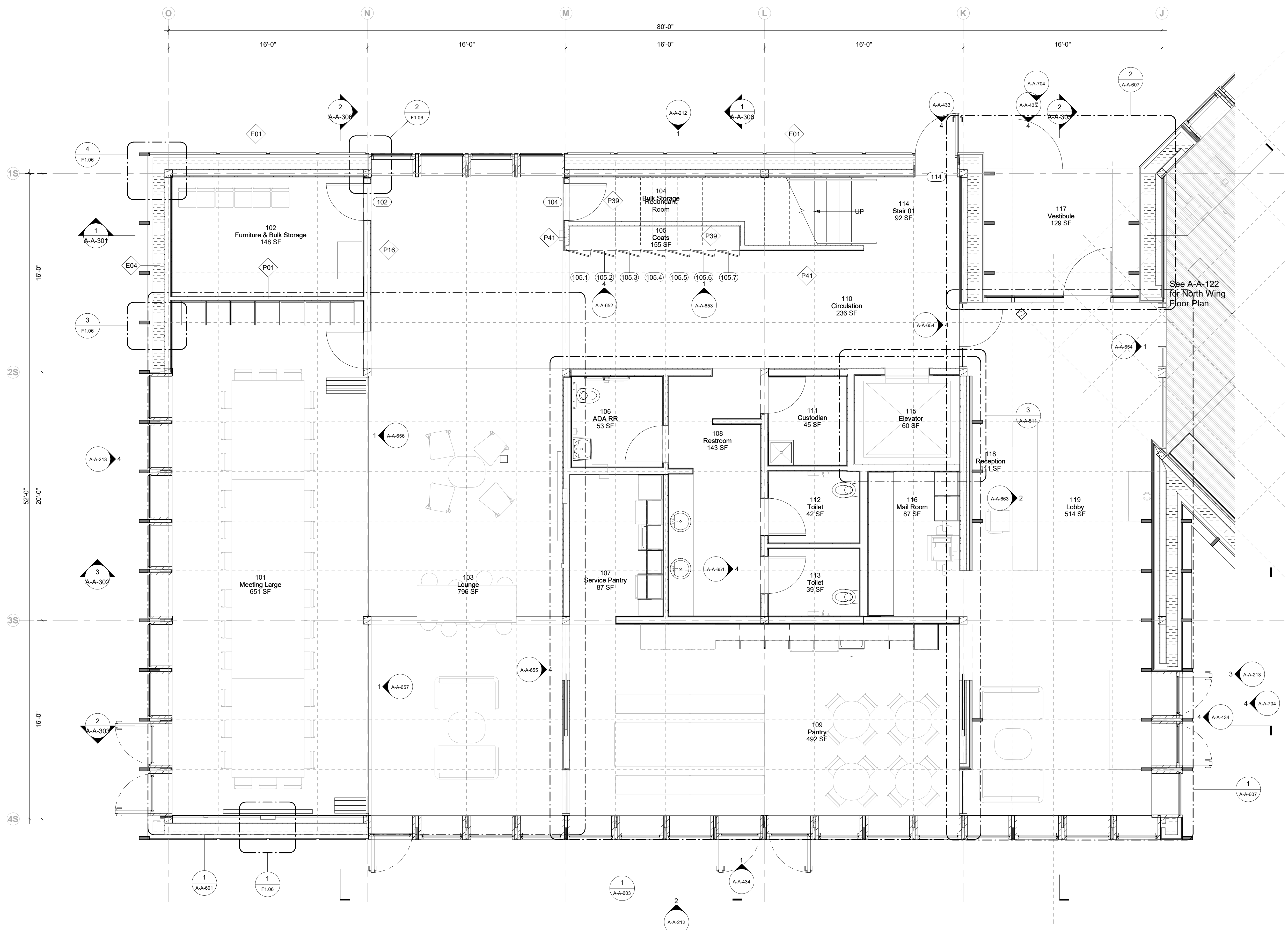
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
RCP - Second Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-112
Sheet Size	ARCH D



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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Enlarged Plan -
Ground Level**

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-121
Sheet Size	ARCH D

1 South Bar - Ground Level
1/4" = 1'-0"

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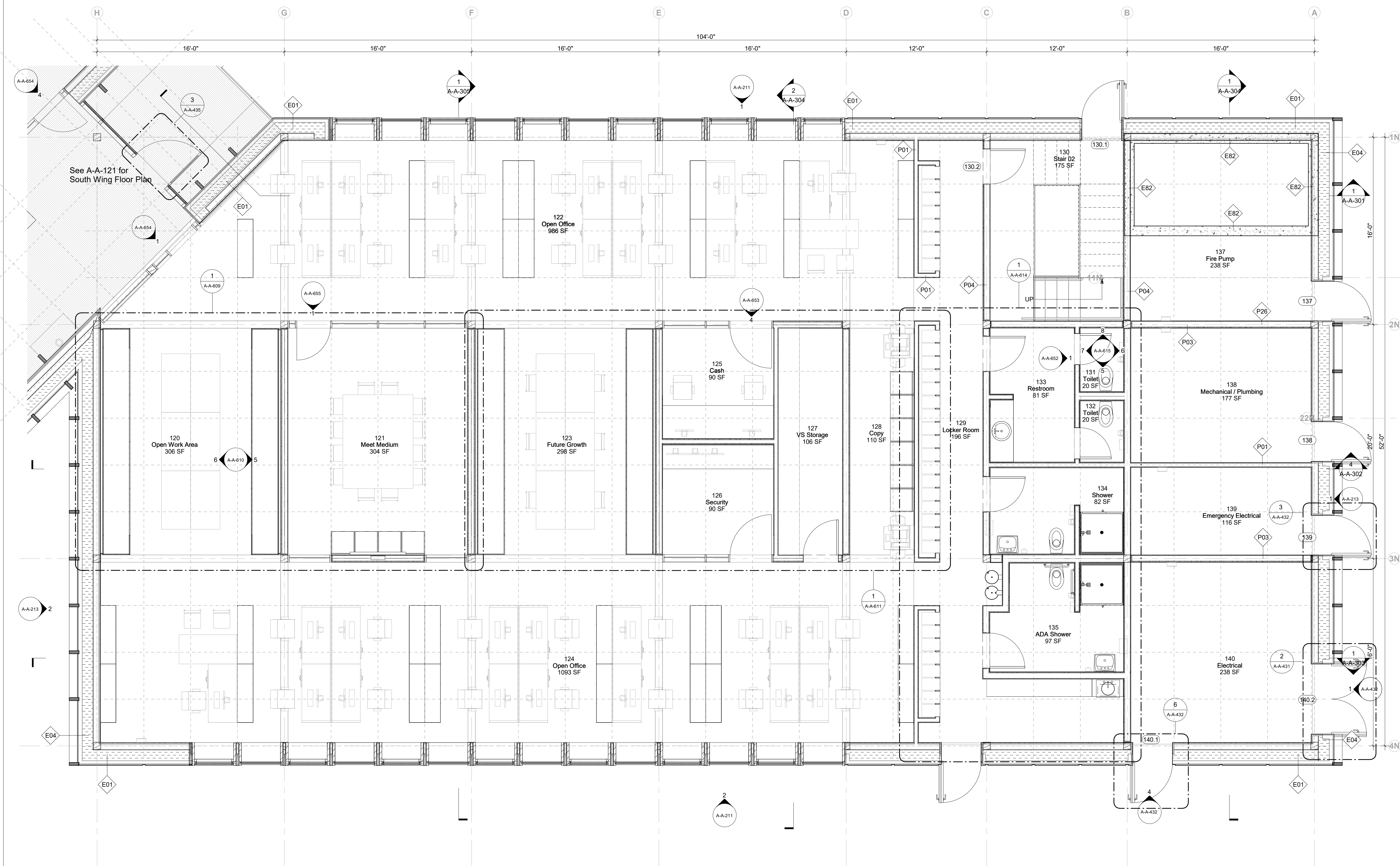
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

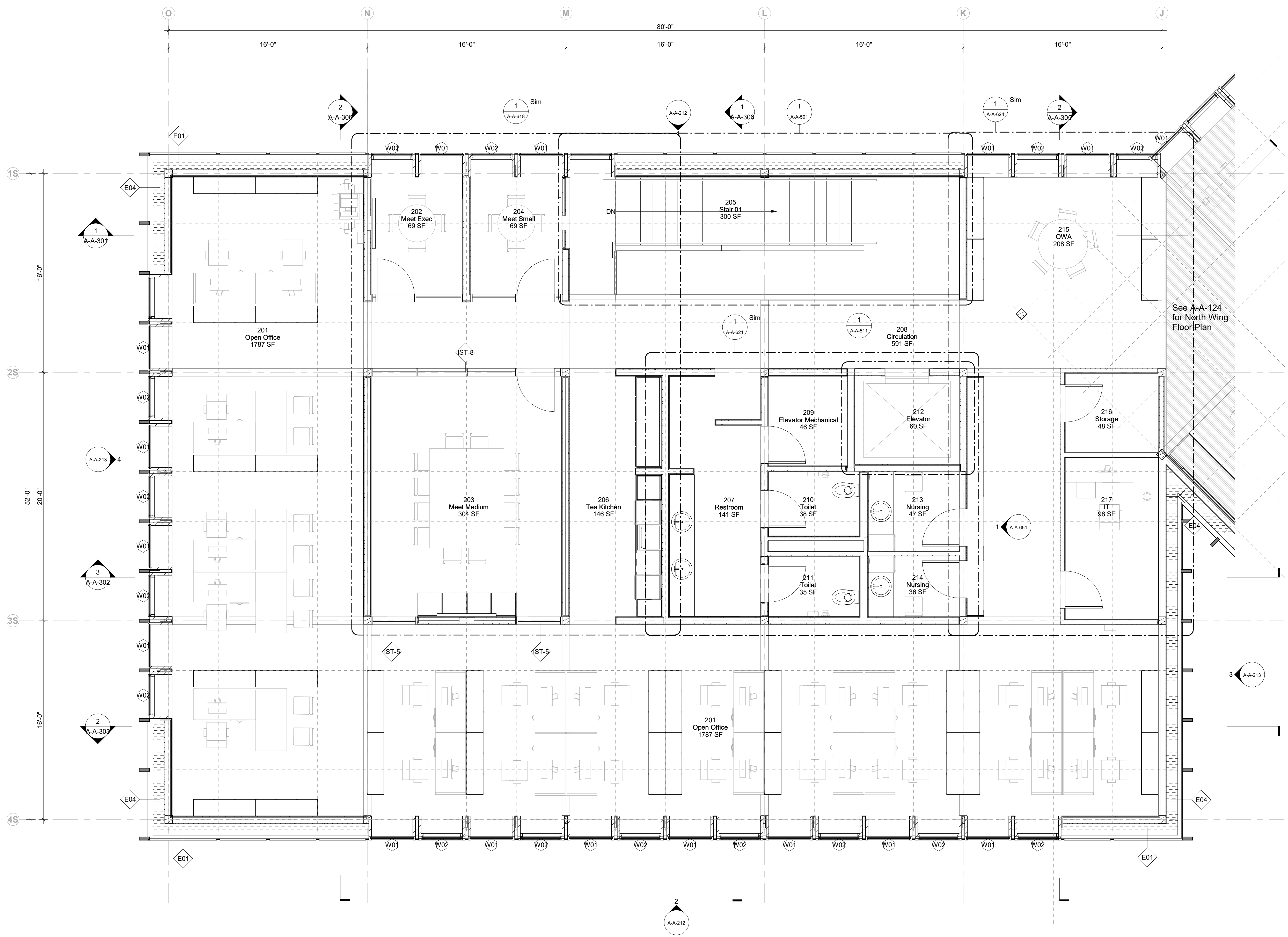
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Enlarged Plan -
 Ground Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-122
Sheet Size	ARCH D



1 North Bar - Ground Level
 1/4" = 1'-0"



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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
**Administration
 Building**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Enlarged Plan -
 Second Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-123
Sheet Size	ARCH D

1 South Bar - Second Level
 1/4" = 1'-0"

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Key Plan

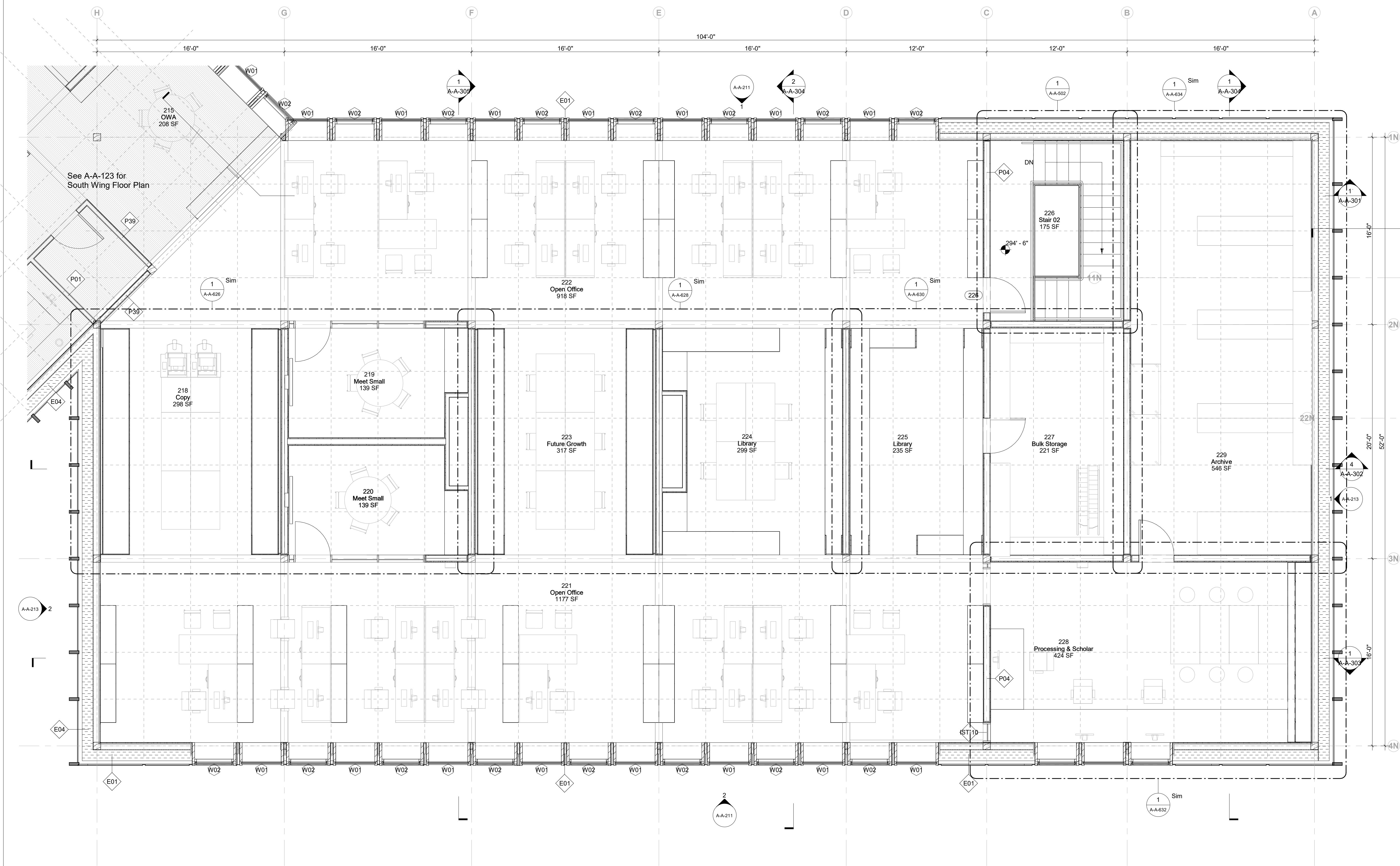
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Enlarged Plan -
 Second Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-124
Sheet Size	ARCH D



2 North Bar - Second Level
 1/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings
10-30-00	Fireplaces and Stoves
22-00-00	
22-13-16.A	Roof Drain
3	

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Key Plan

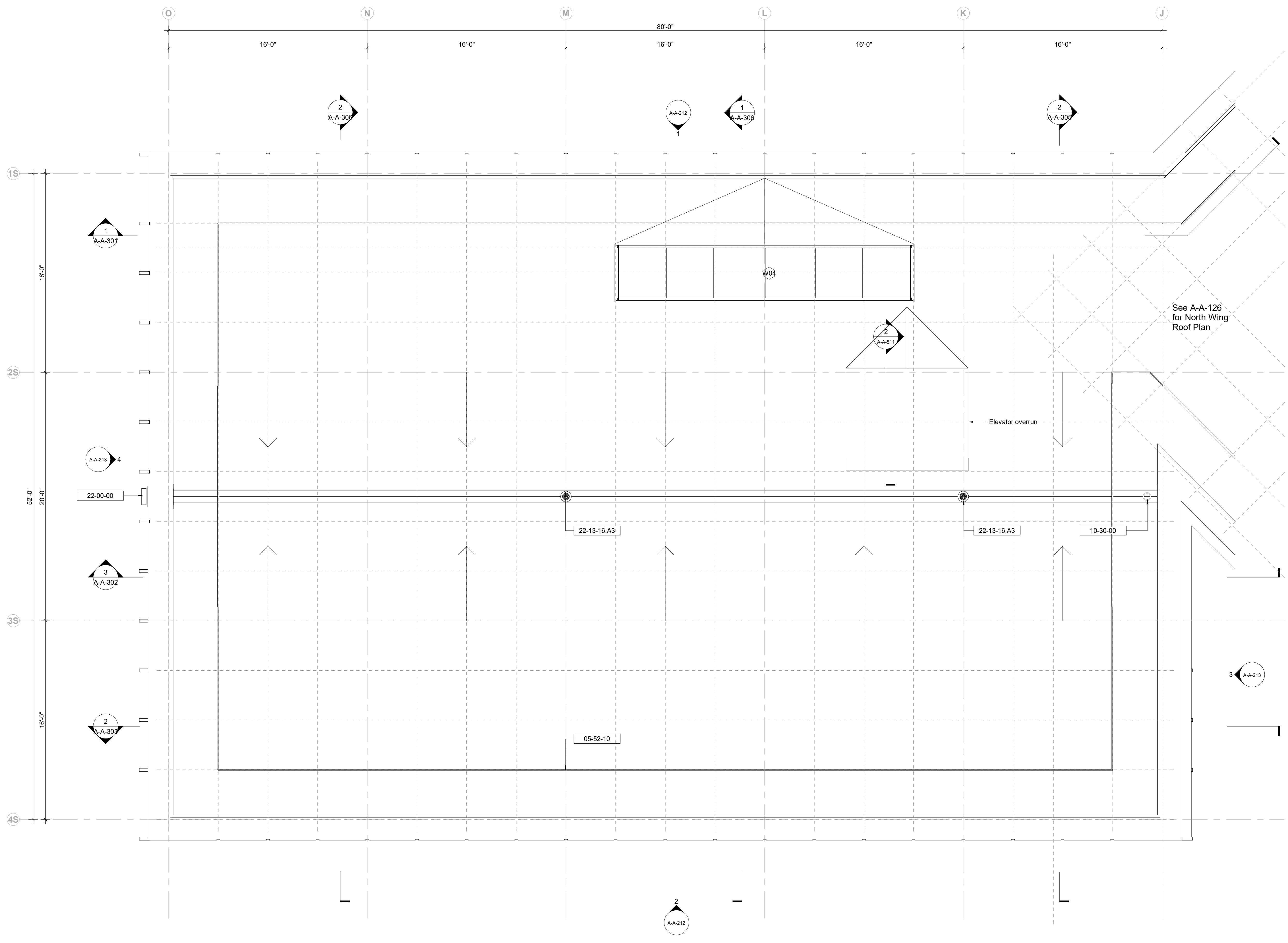
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Enlarged Plan - Roof
Level**

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-125
Sheet Size	ARCH D



2 South Bar - Roof Level
1/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings
22-13-16.A	Roof Drain
3	

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Key Plan

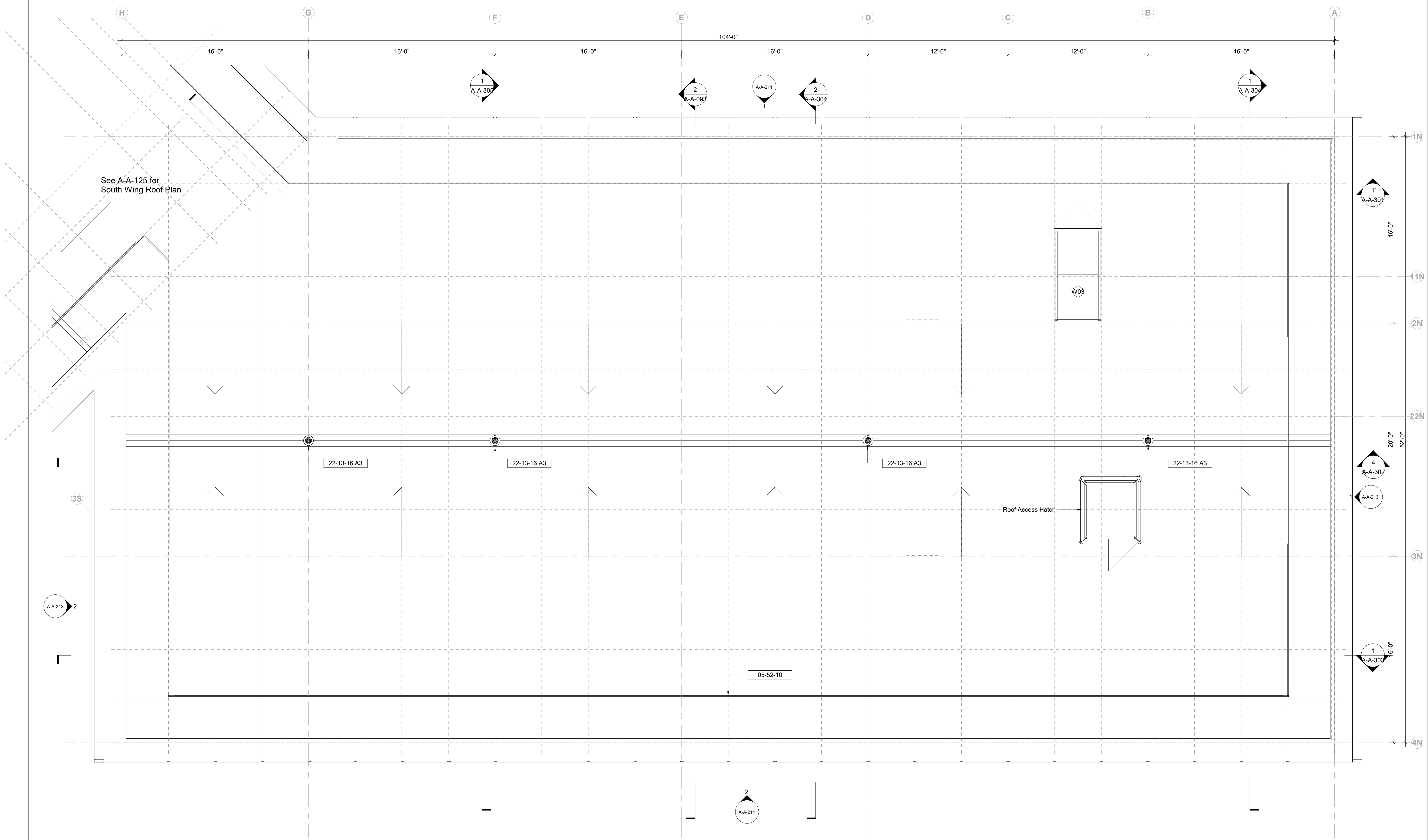
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Enlarged Plan - Roof
Level**

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-126
Sheet Size	ARCH D



2 North Bar - Roof Level
1/4" = 1'-0"

Keynote	Description
09-52-01	Access Panel in Gypsum Ceiling

Ceiling Type Legend	
	Exposed to Structure
	Gyps - Gypsum
	AGyp - Acoustic Gypsum
	APan - Acoustic Panel
	Wood - Compound Wood Ceiling

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Key Plan

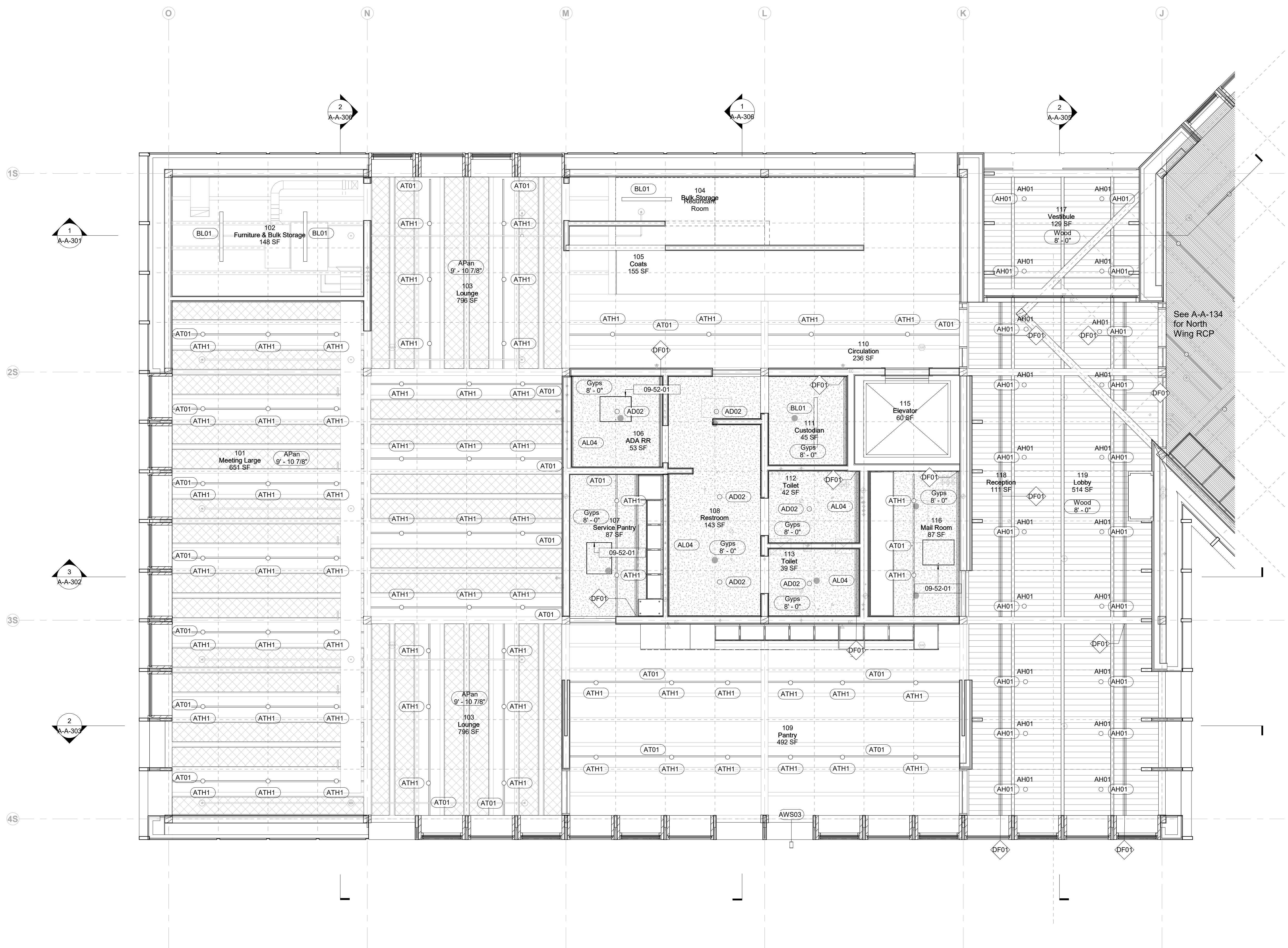
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Enlarged RCP - Ground Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-131
Sheet Size	ARCH D



1 South Bar - Ground Level
1/4" = 1'-0"

Keynote	Description
09-52-01	Access Panel in Gypsum Ceiling
09-52-02	Access Panel in Acoustic Gypsum Ceiling

Ceiling Type Legend	
	Exposed to Structure
	Gyps - Gypsum
	AGyp - Acoustic Gypsum
	APan - Acoustic Panel
	Wood - Compound Wood Ceiling

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Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

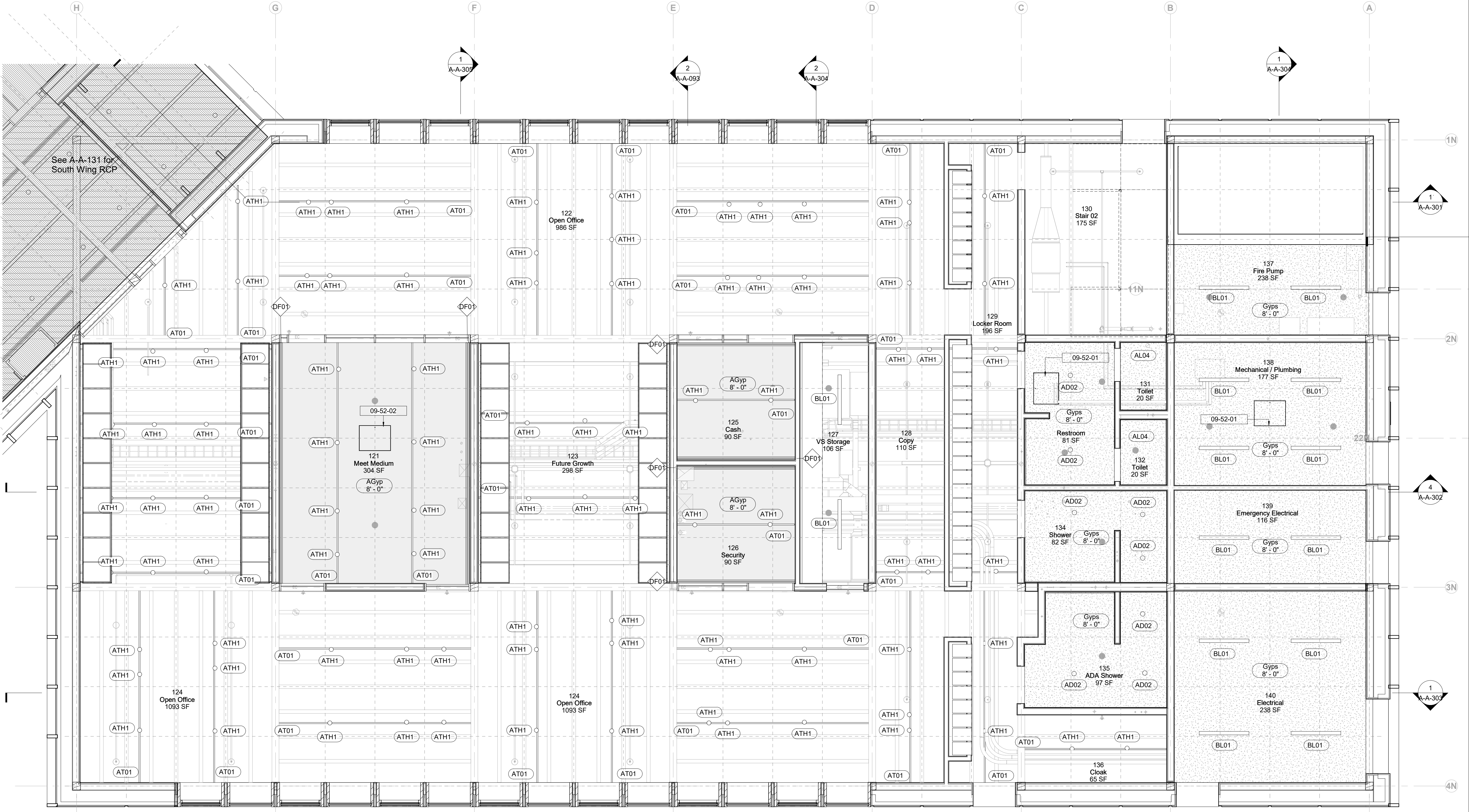
Project

**Storm King
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Seal

NOT FOR CONSTRUCTION
Drawing Title
**Enlarged RCP -
Ground Level**

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-132
Sheet Size	ARCH D



1 North Bar - Ground Level
1/4" = 1'-0"

Keynote Legend	
Keynote	Description
09-52-01	Access Panel in Gypsum Ceiling
09-52-02	Access Panel in Acoustic Gypsum Ceiling

Ceiling Type Legend	
	Exposed to Structure
	Gyp - Gypsum
	AGyp - Acoustic Gypsum
	APan - Acoustic Panel
	Wood - Compound Wood Ceiling

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Key Plan

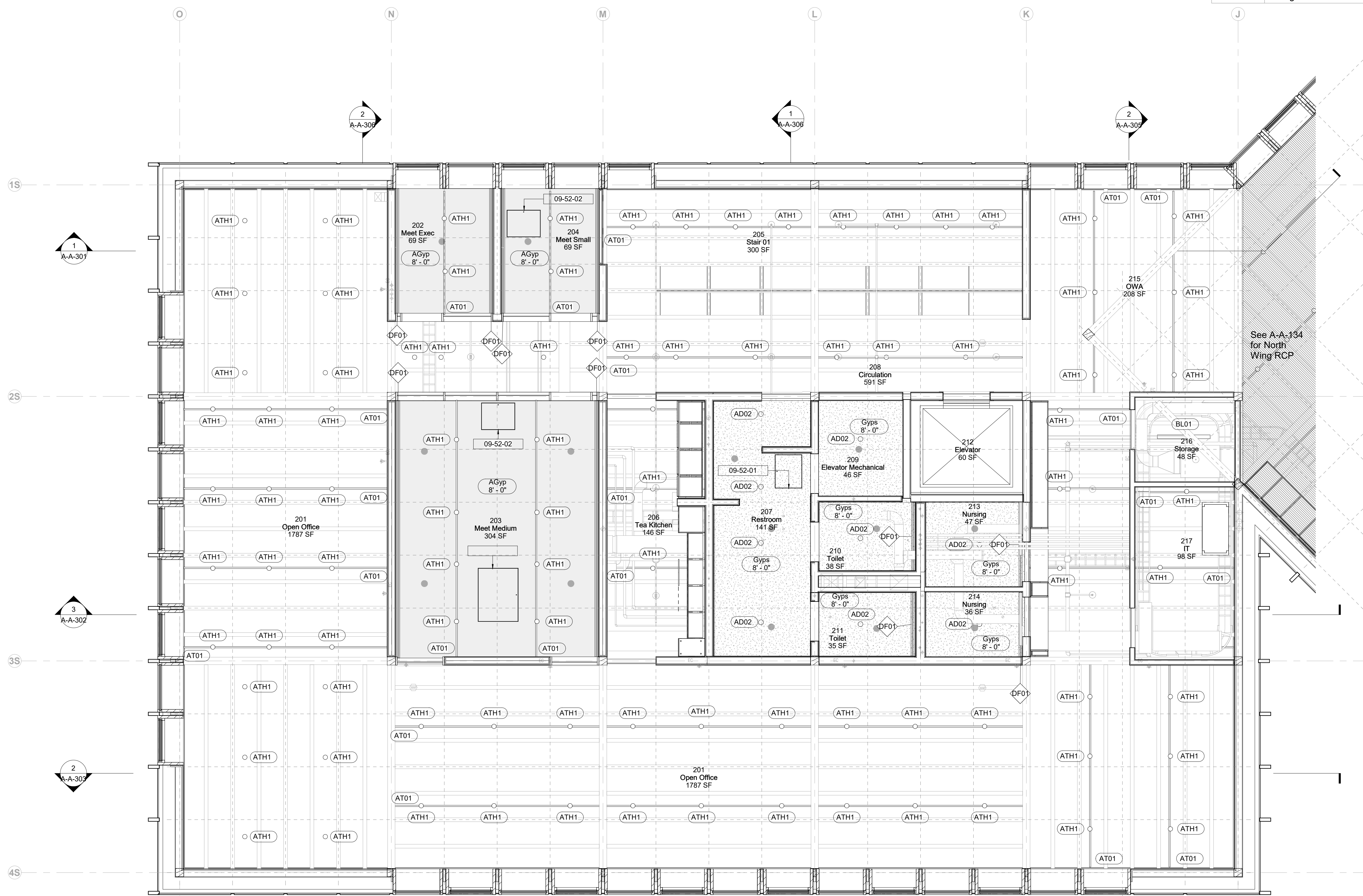
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Enlarged RCP - Second Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-133
Sheet Size	ARCH D



1 South Bar - Second Level
1/4" = 1'-0"

Keynote Legend	
Keynote	Description
09-52-02	Access Panel in Acoustic Gypsum Ceiling

Ceiling Type Legend	
	Exposed to Structure
	Gyps - Gypsum
	AGyp - Acoustic Gypsum
	APan - Acoustic Panel
	Wood - Compound Wood Ceiling

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Key Plan

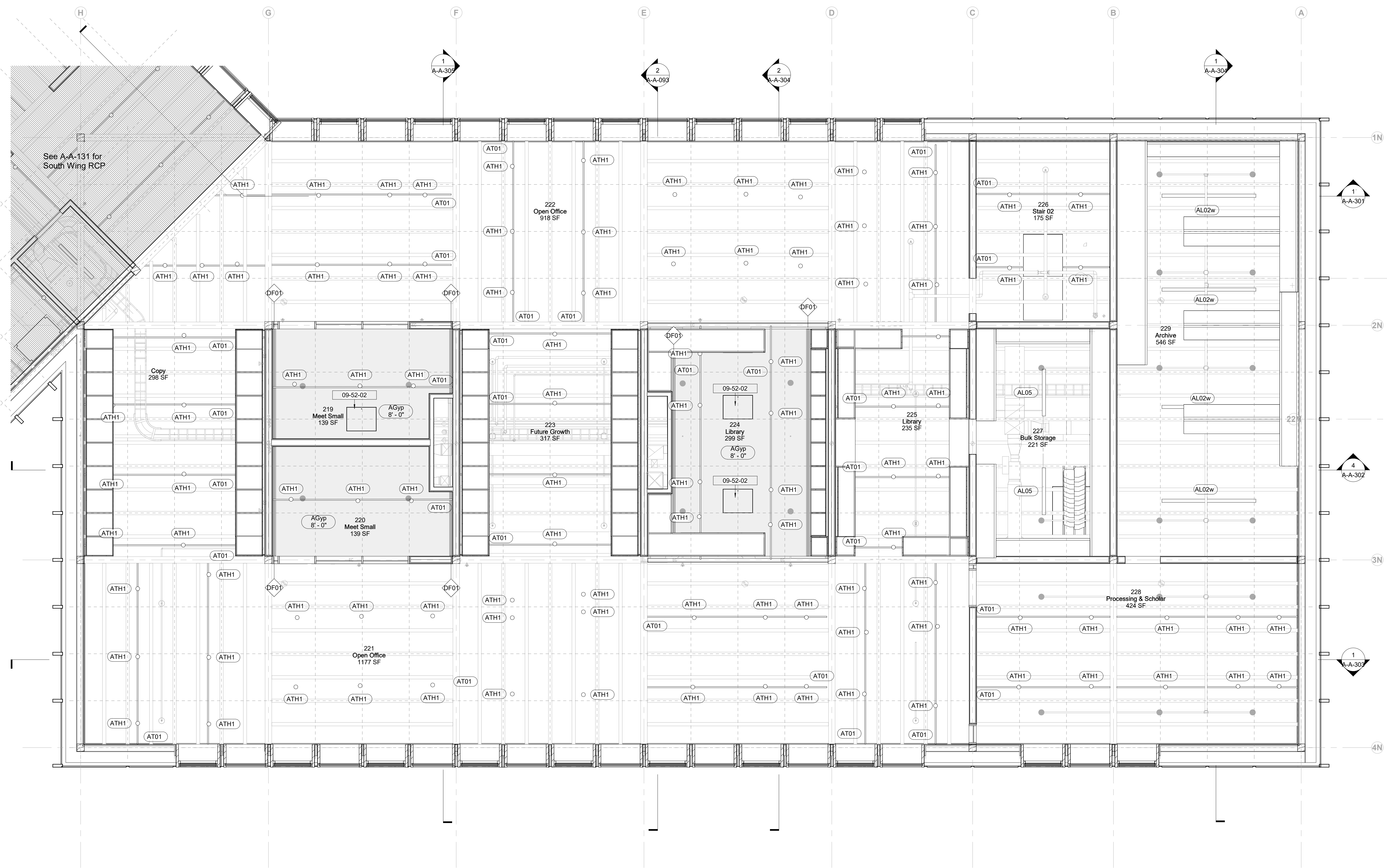
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Enlarged RCP - Second Level

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-134
Sheet Size	ARCH D



1 North Bar - Second Level
1/4" = 1'-0"

FLOOR TYPE LEGEND	
	3" WIDE OAK ENGINEERED FLOORING
	7 1/2" WIDE OAK ENGINEERED FLOORING
	2" TILE FLOORING
	POLISHED CONCRETE FLOOR
	ENTRY MATTING

Keynote Legend	
Keynote	Description

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Key Plan

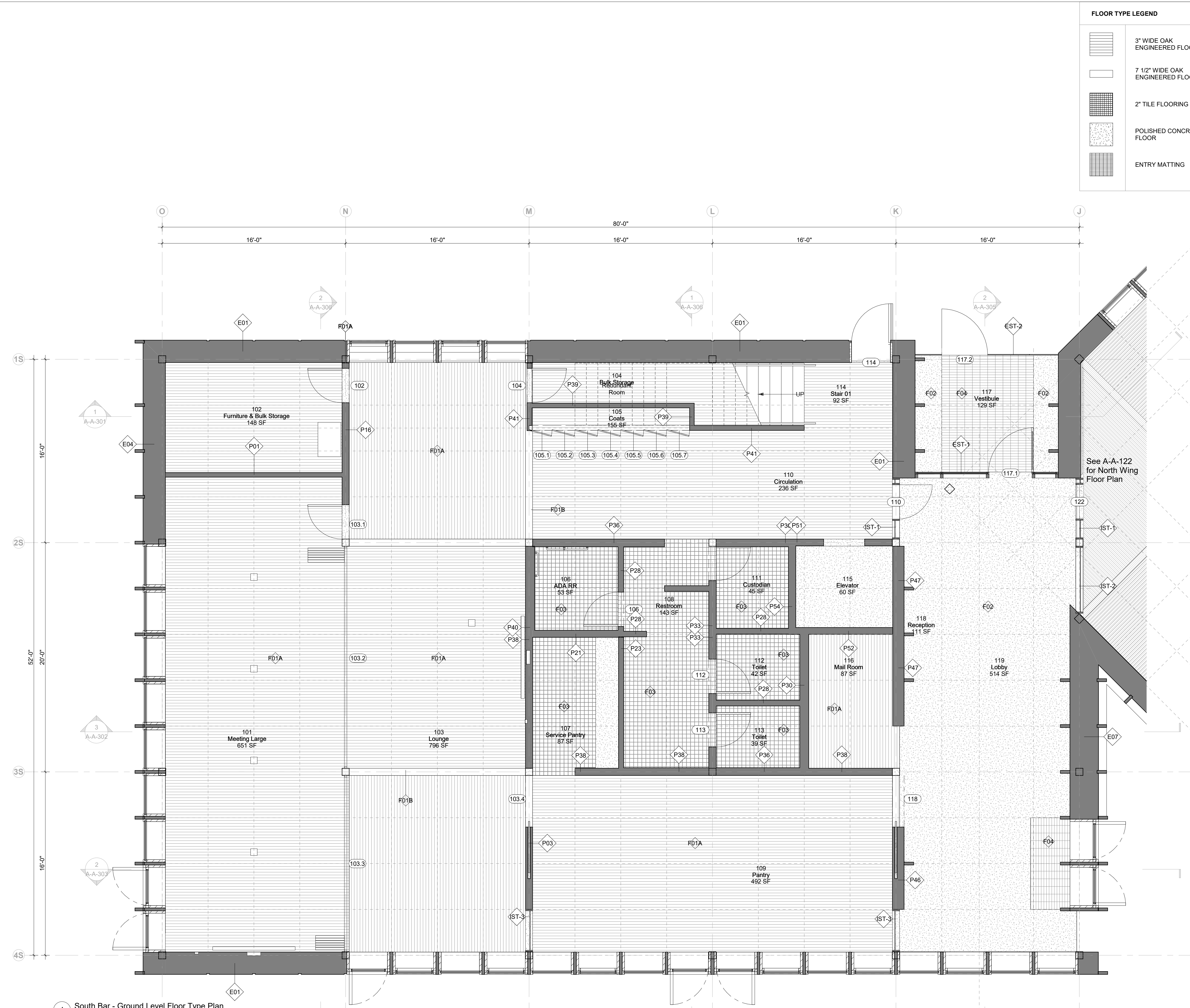
Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Finish Floor Plan -
Ground Level - South
Bar**

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-141
Sheet Size	ARCH D



1 South Bar - Ground Level Floor Type Plan
1/4" = 1'-0"

FLOOR TYPE LEGEND	
	3" WIDE OAK ENGINEERED FLOORING
	7 1/2" WIDE OAK ENGINEERED FLOORING
	2" TILE FLOORING
	POLISHED CONCRETE FLOOR
	ENTRY MATTING

Keynote Legend	
Keynote	Description
09-64-00	3/4" Hardwood Engineered Flooring

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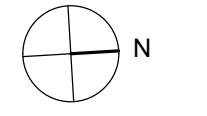
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

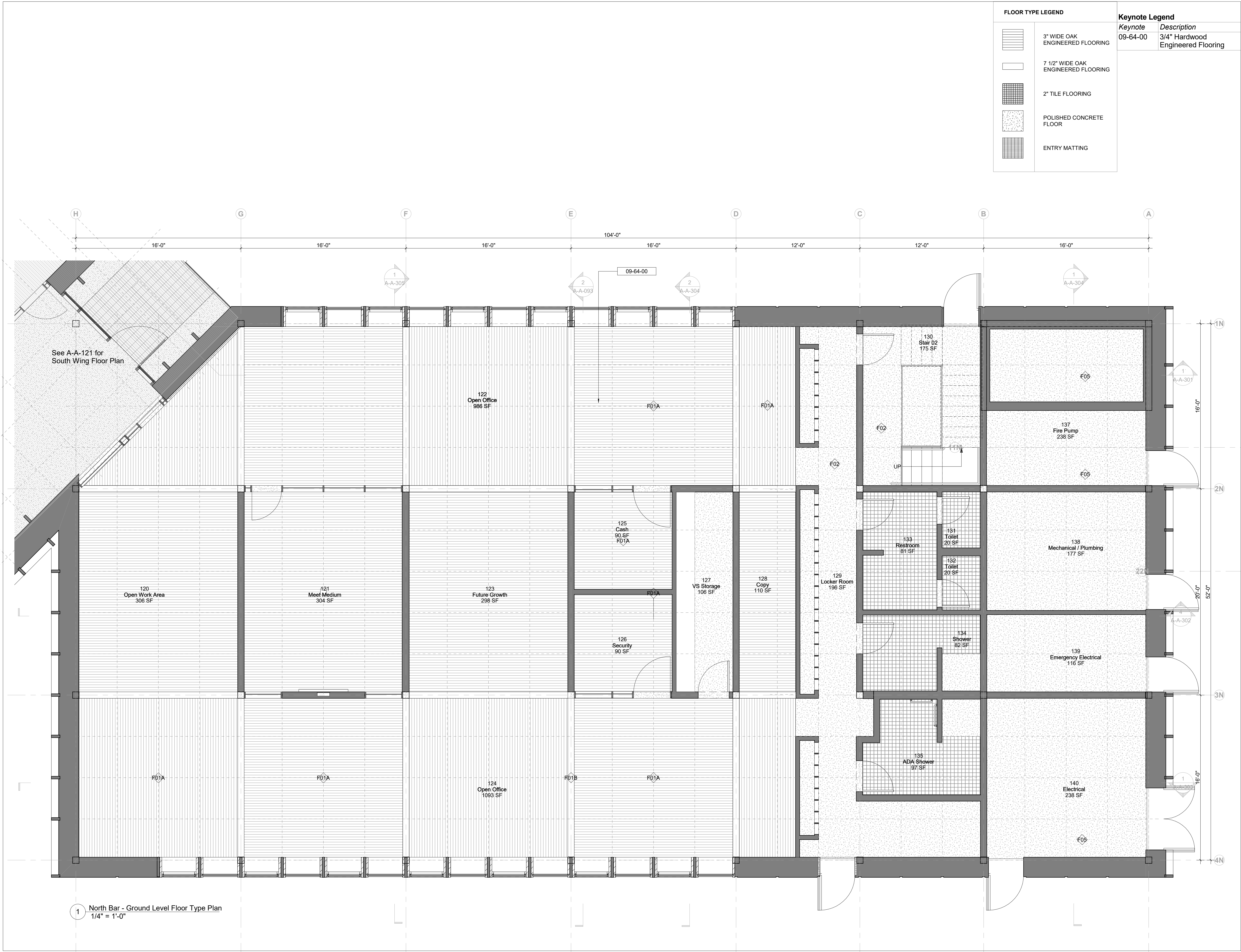
Seal

NOT FOR CONSTRUCTION

Drawing Title

Finish Floor Plan - Ground Level - North Bar

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-142
Sheet Size	ARCH D



1 North Bar - Ground Level Floor Type Plan
1/4" = 1'-0"

FLOOR TYPE LEGEND	
	3" WIDE OAK ENGINEERED FLOORING
	7 1/2" WIDE OAK ENGINEERED FLOORING
	2" TILE FLOORING
	POLISHED CONCRETE FLOOR
	ENTRY MATTING

Keynote Legend	
Keynote	Description

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Key Plan

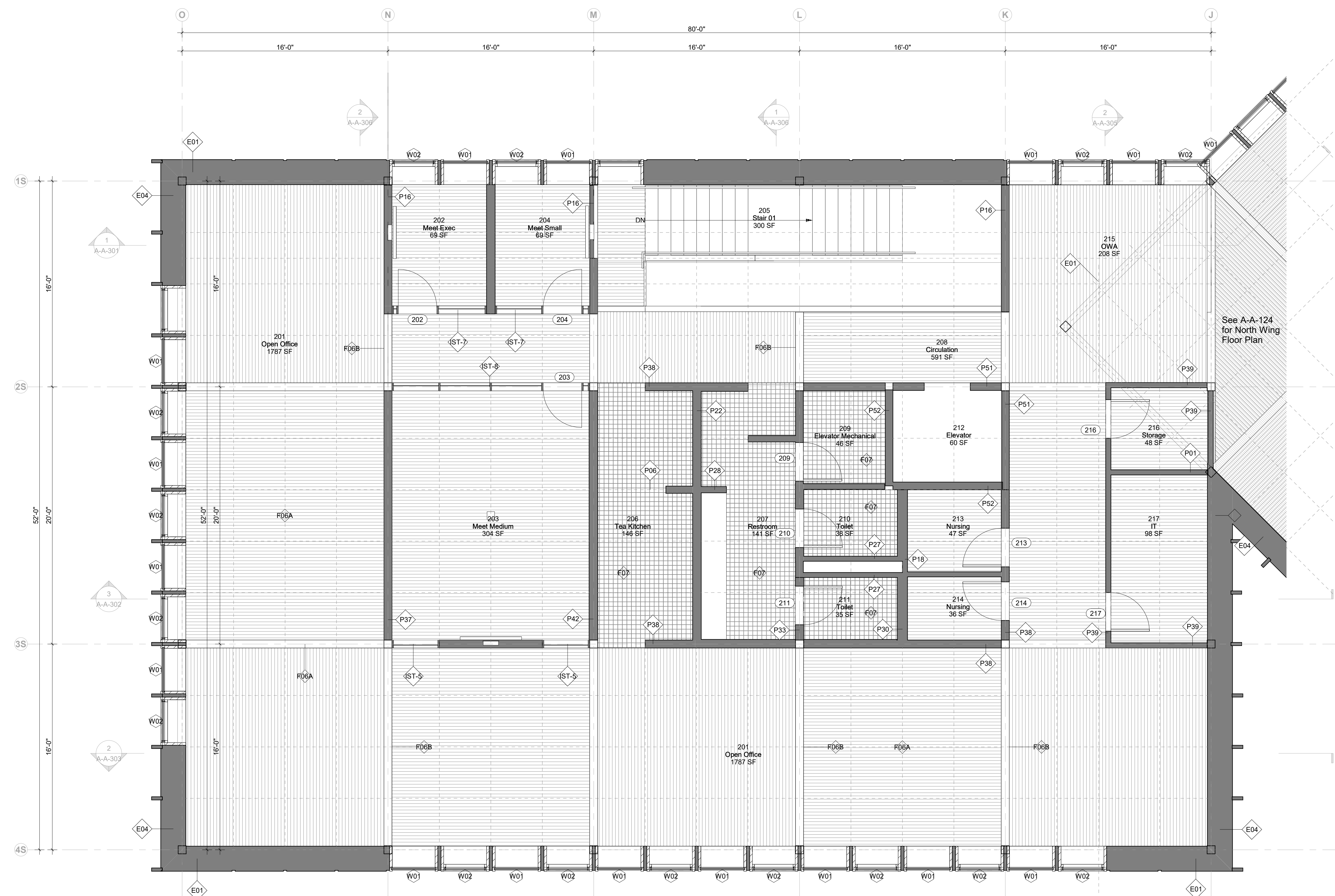
Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Finish Floor Plan - Second Level - South Bar

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-143
Sheet Size	ARCH D



1 South Bar - Second Level Floor Type Plan
1/4" = 1'-0"

FLOOR TYPE LEGEND	
	3" WIDE OAK ENGINEERED FLOORING
	7 1/2" WIDE OAK ENGINEERED FLOORING
	2" TILE FLOORING
	POLISHED CONCRETE FLOOR
	ENTRY MATTING

Keynote Legend	
Keynote	Description

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Key Plan

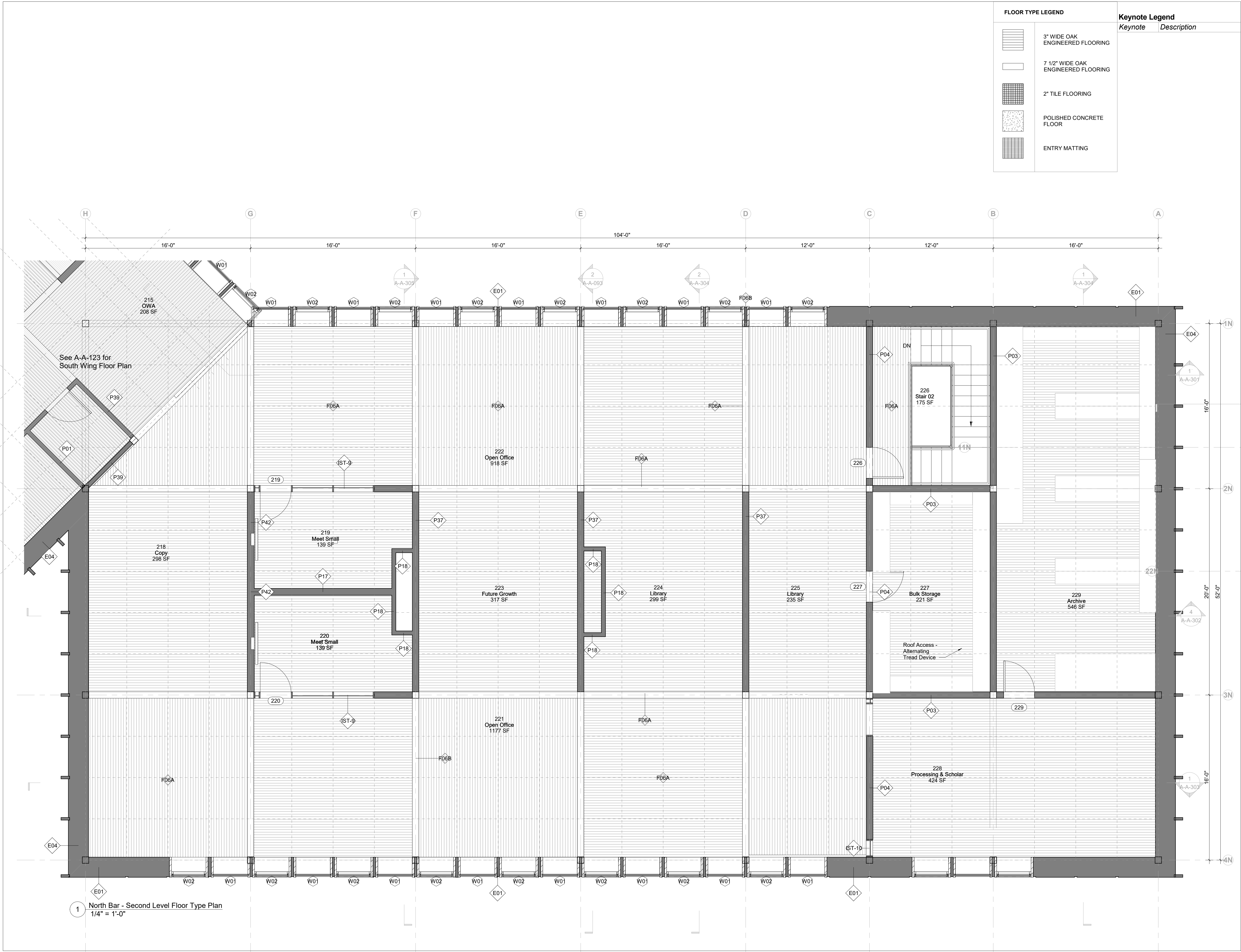
Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

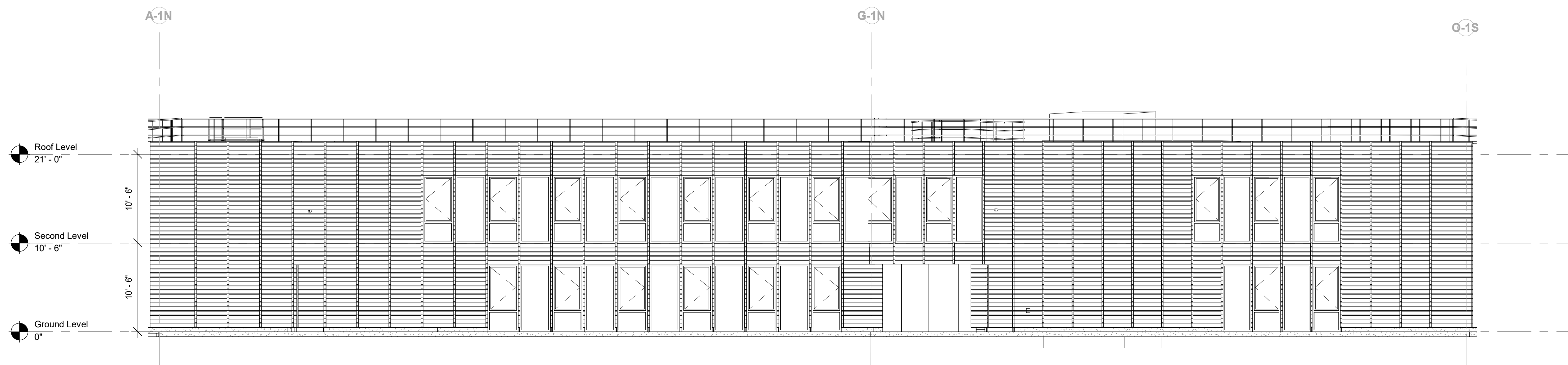
Seal

NOT FOR CONSTRUCTION
Drawing Title
Finish Floor Plan - Second Level - North Bar

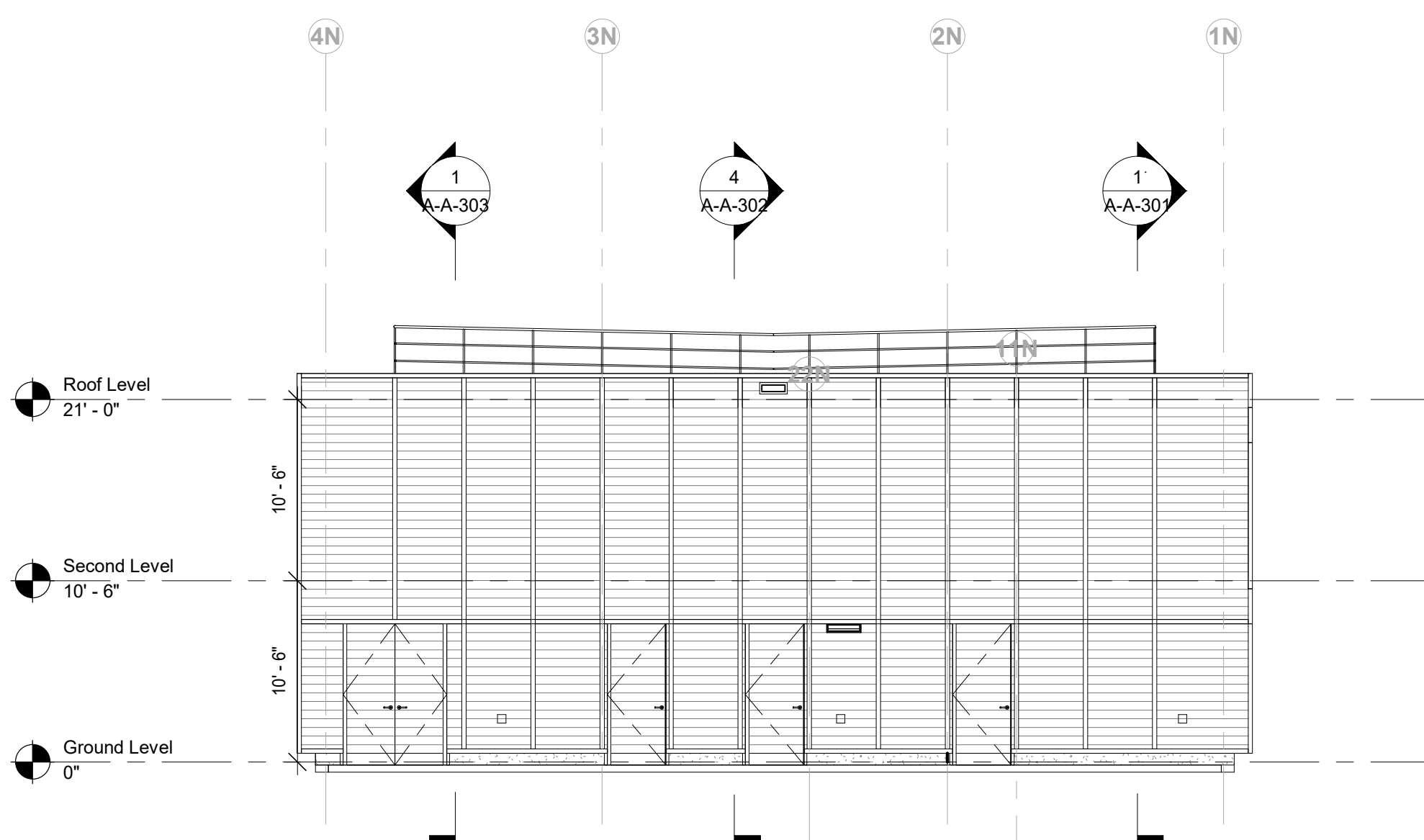
Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-144
Sheet Size	ARCH D



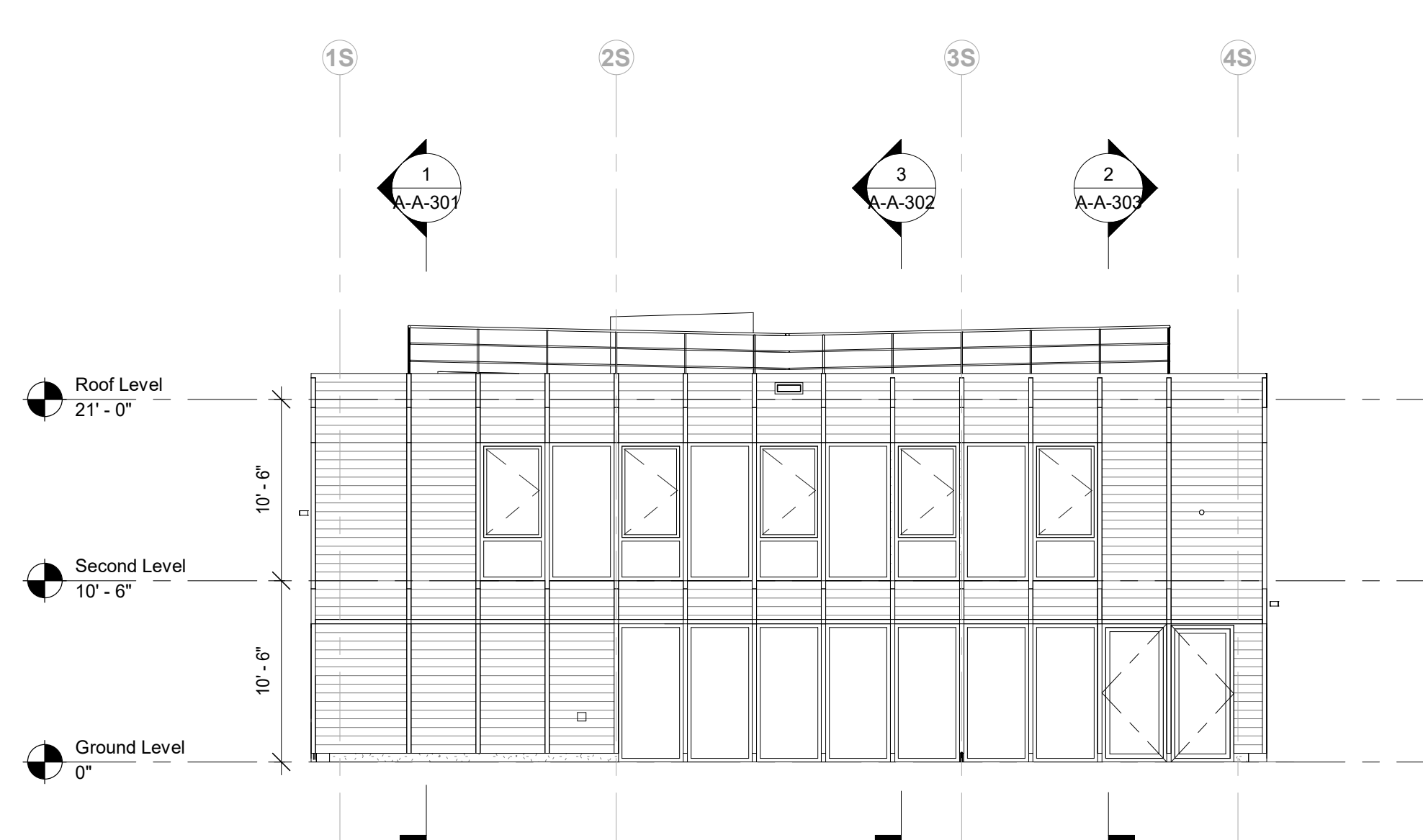
1 North Bar - Second Level Floor Type Plan
1/4" = 1'-0"



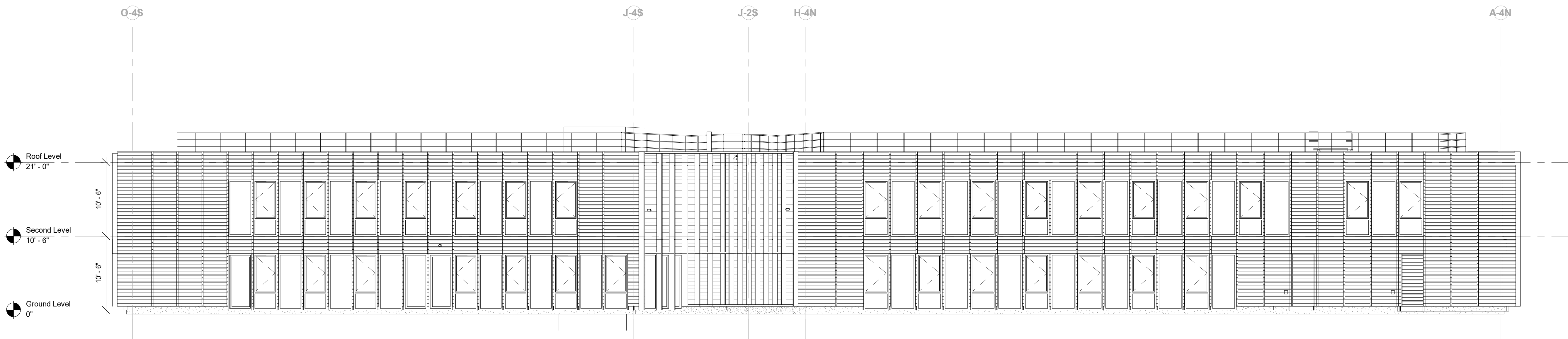
1 West Elevation
1/8" = 1'-0"



2 North Elevation
1/8" = 1'-0"



3 South Elevation
1/8" = 1'-0"



4 East Elevation
1/8" = 1'-0"

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Key Plan

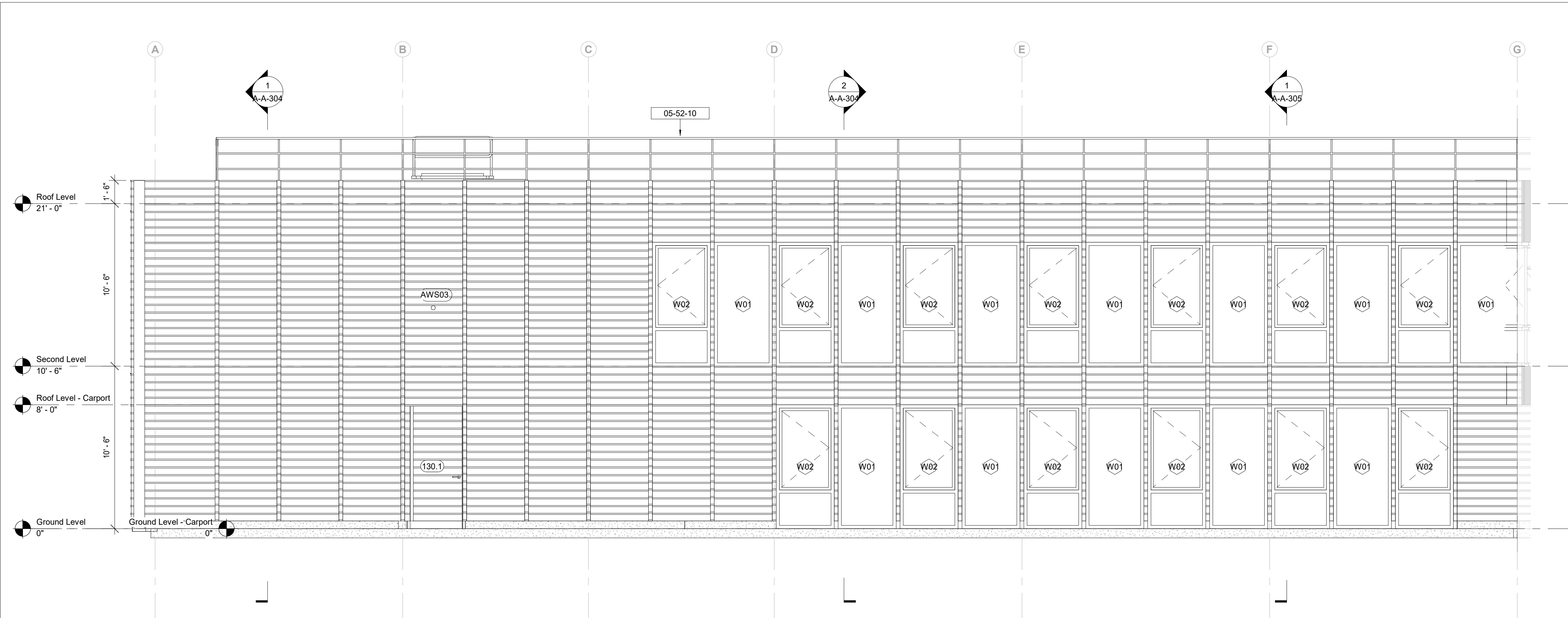
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration
Building

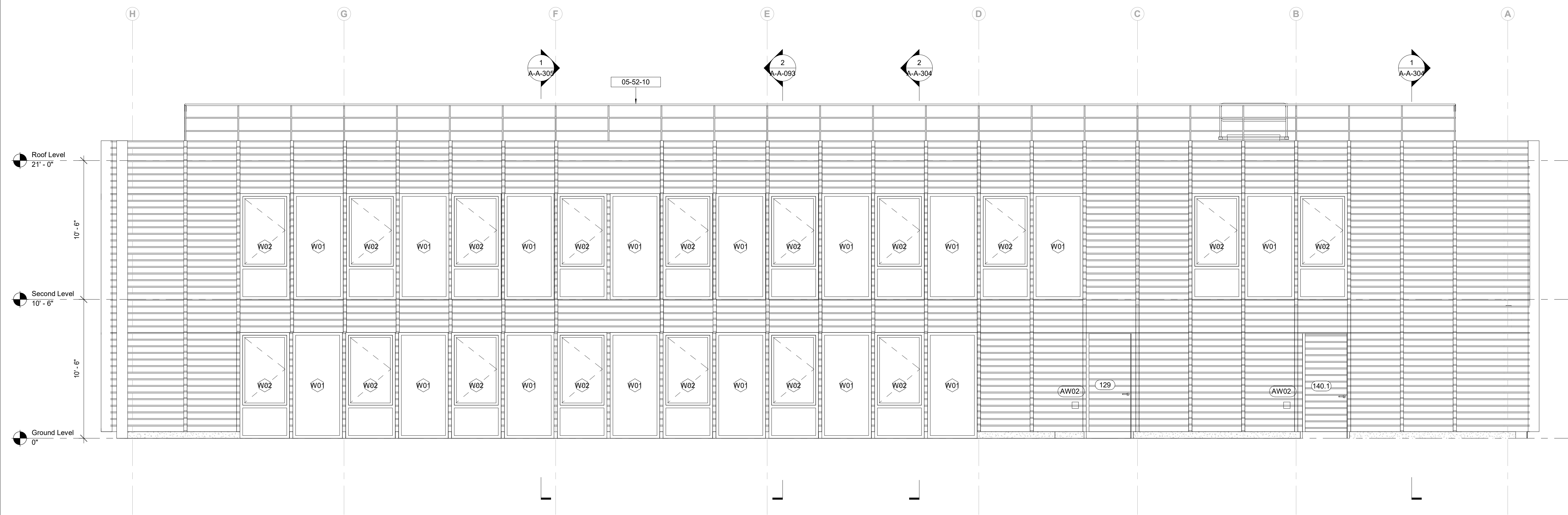
Seal

NOT FOR CONSTRUCTION
Drawing Title
Building Elevations -
Overall

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	A-A-201
Sheet Size	ARCH D



1 North Bar - West Elevation
1/4" = 1'-0"



2 North Bar - East Elevation
1/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Building Elevations -
Enlarged

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-211
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings

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Key Plan

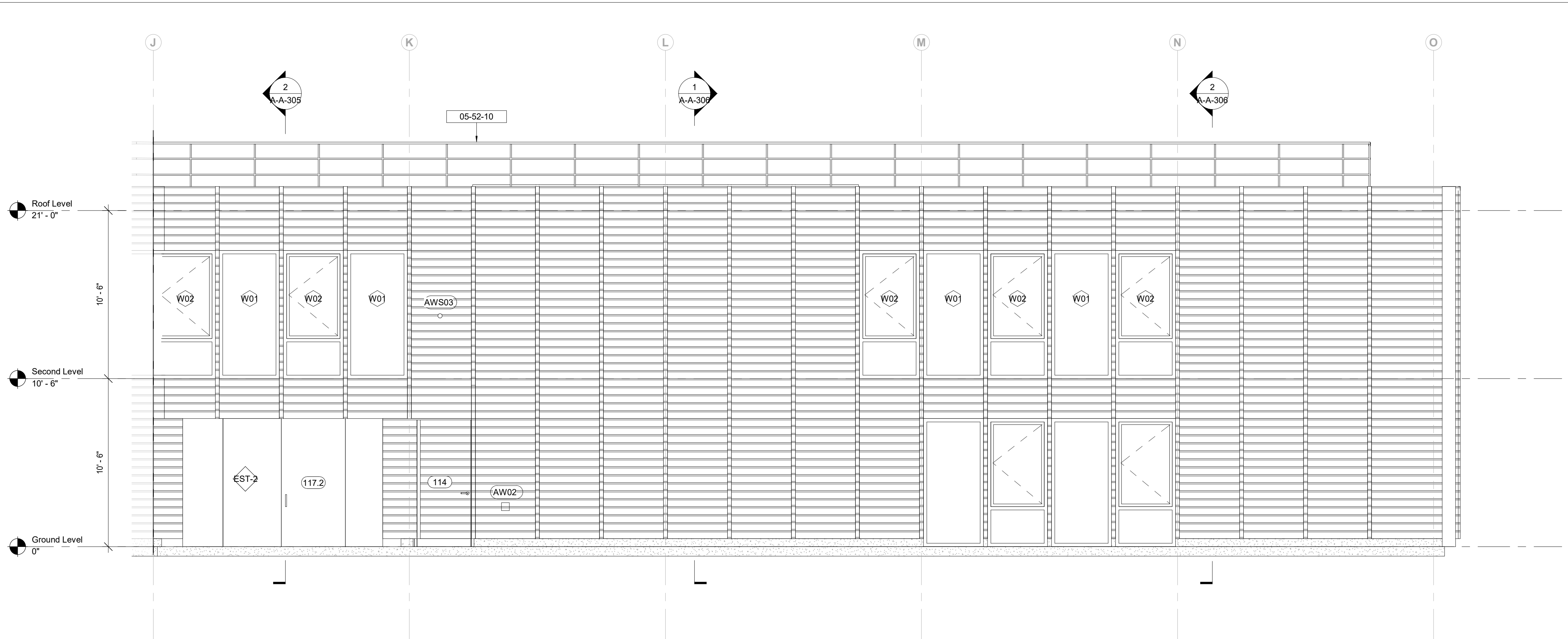
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

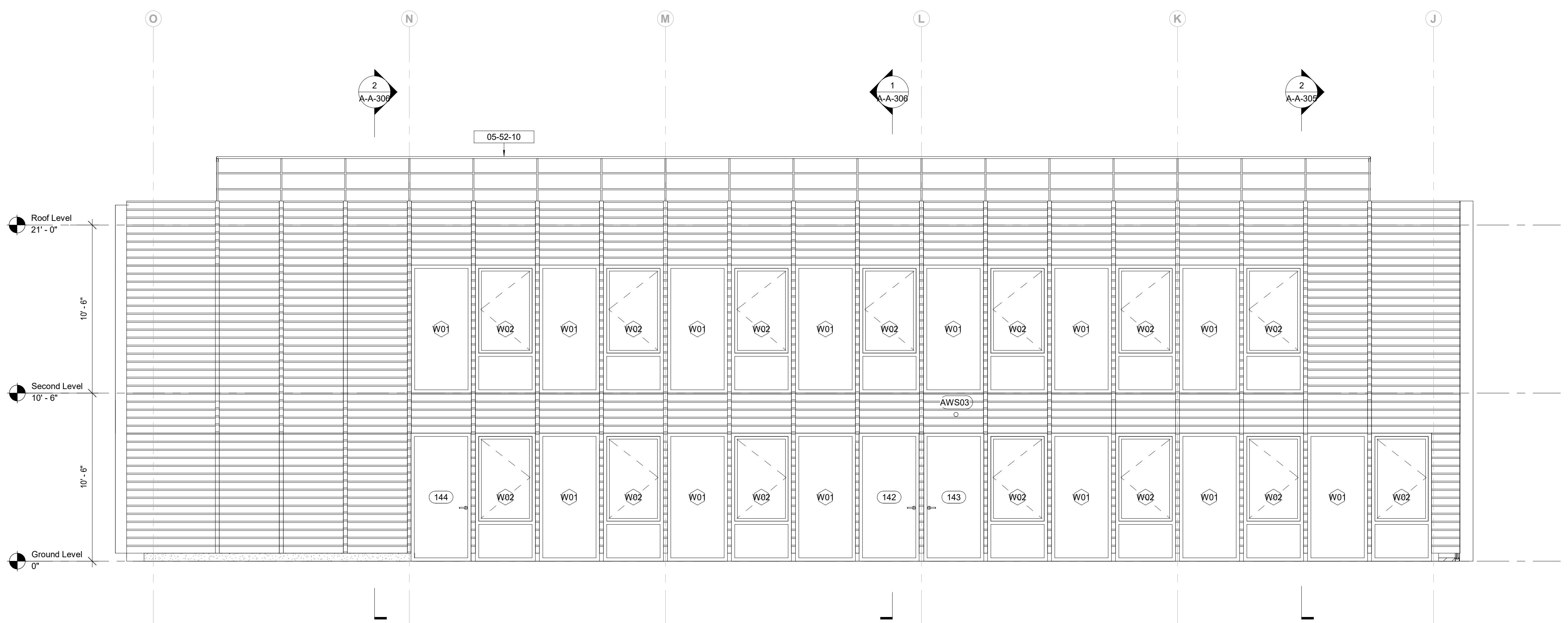
Seal

NOT FOR CONSTRUCTION
Drawing Title
Building Elevations -
Enlarged

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-212
Sheet Size	ARCH D



1 South Bar - West Elevation
1/4" = 1'-0"



2 South Bar - East Elevation
1/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings
22-00-00	

Owner
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Key Plan

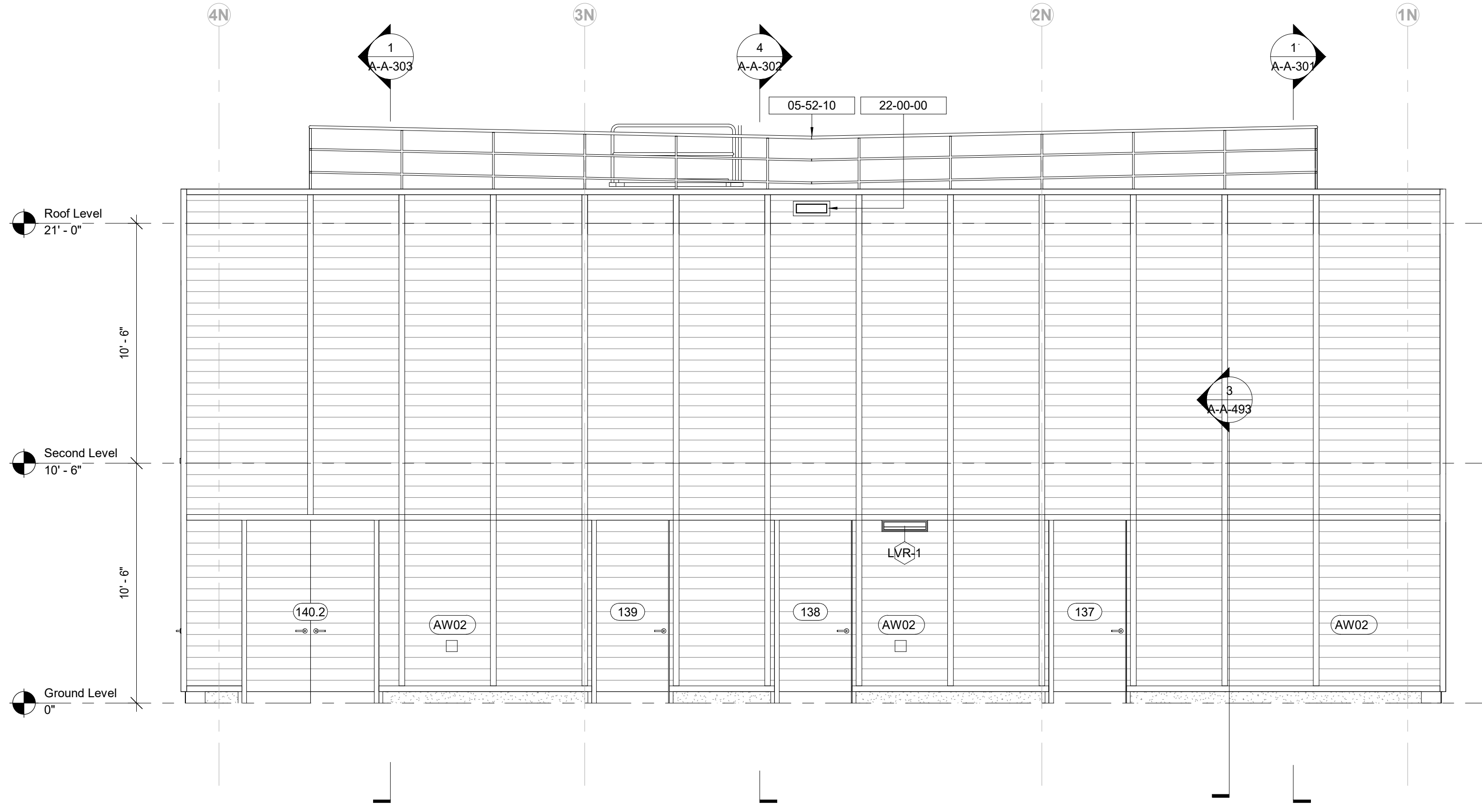
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

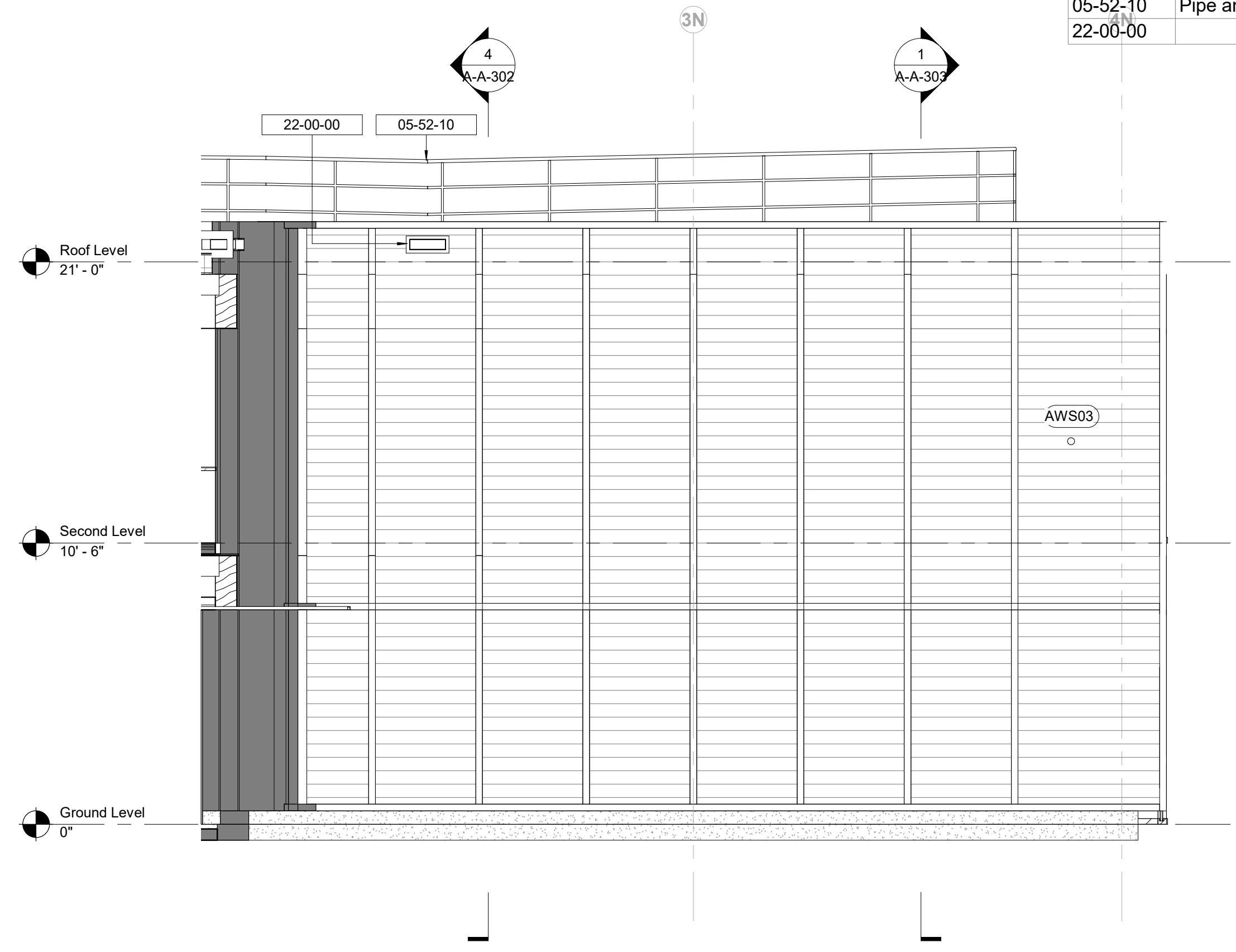
Seal

NOT FOR CONSTRUCTION
Drawing Title
Building Elevations - Enlarged

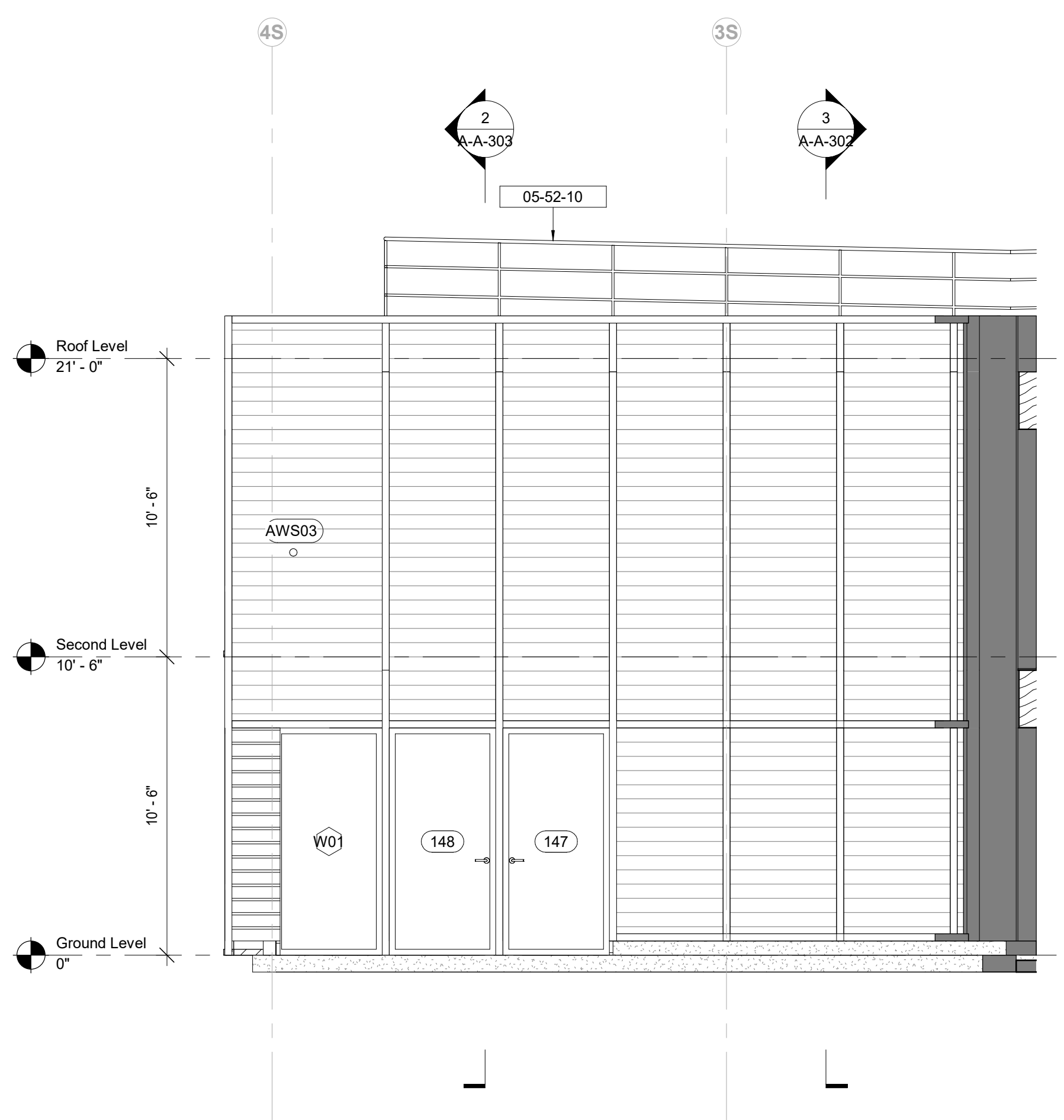
Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-213
Sheet Size	ARCH D



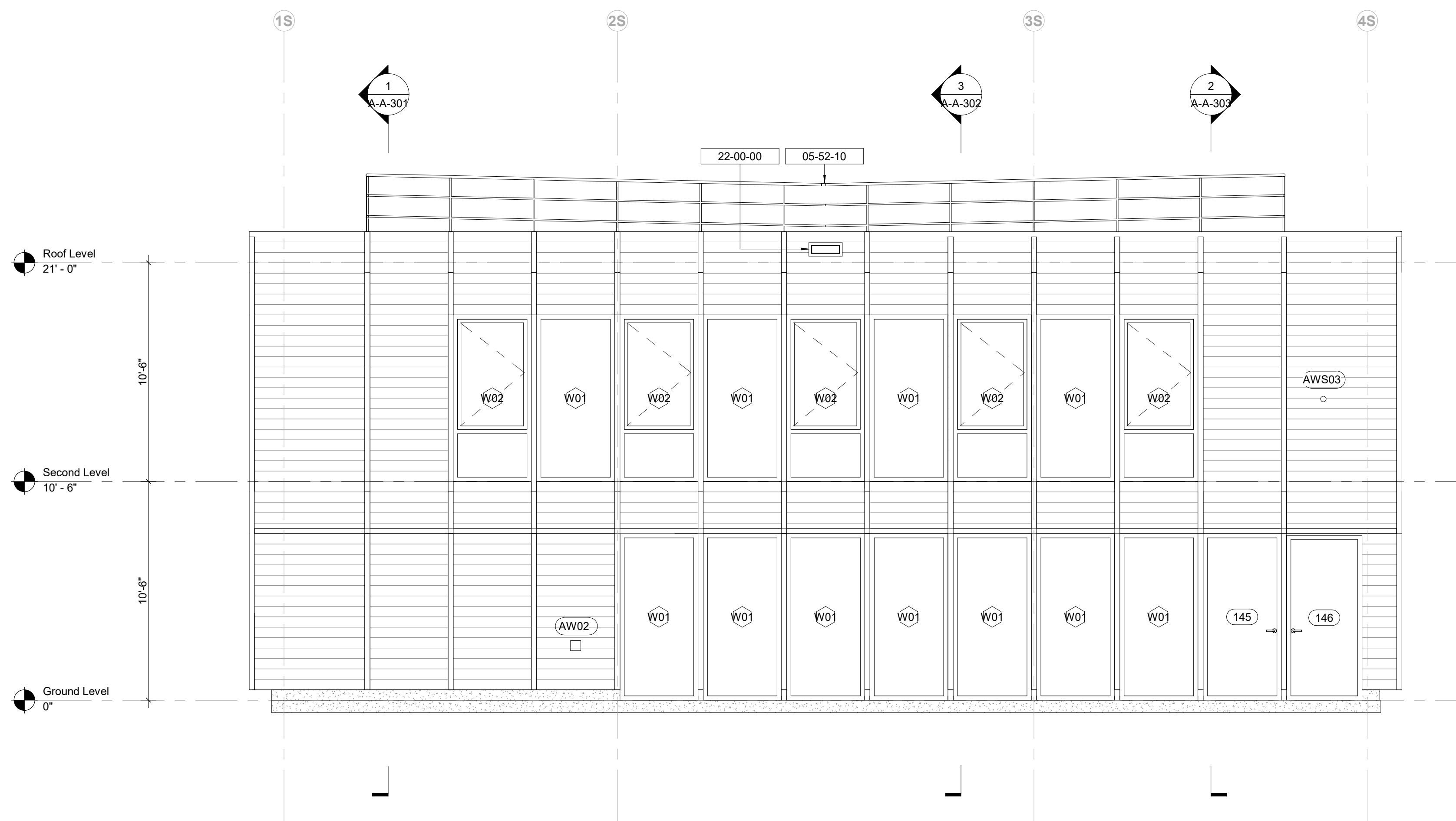
1 North Bar - North Elevation
1/4" = 1'-0"



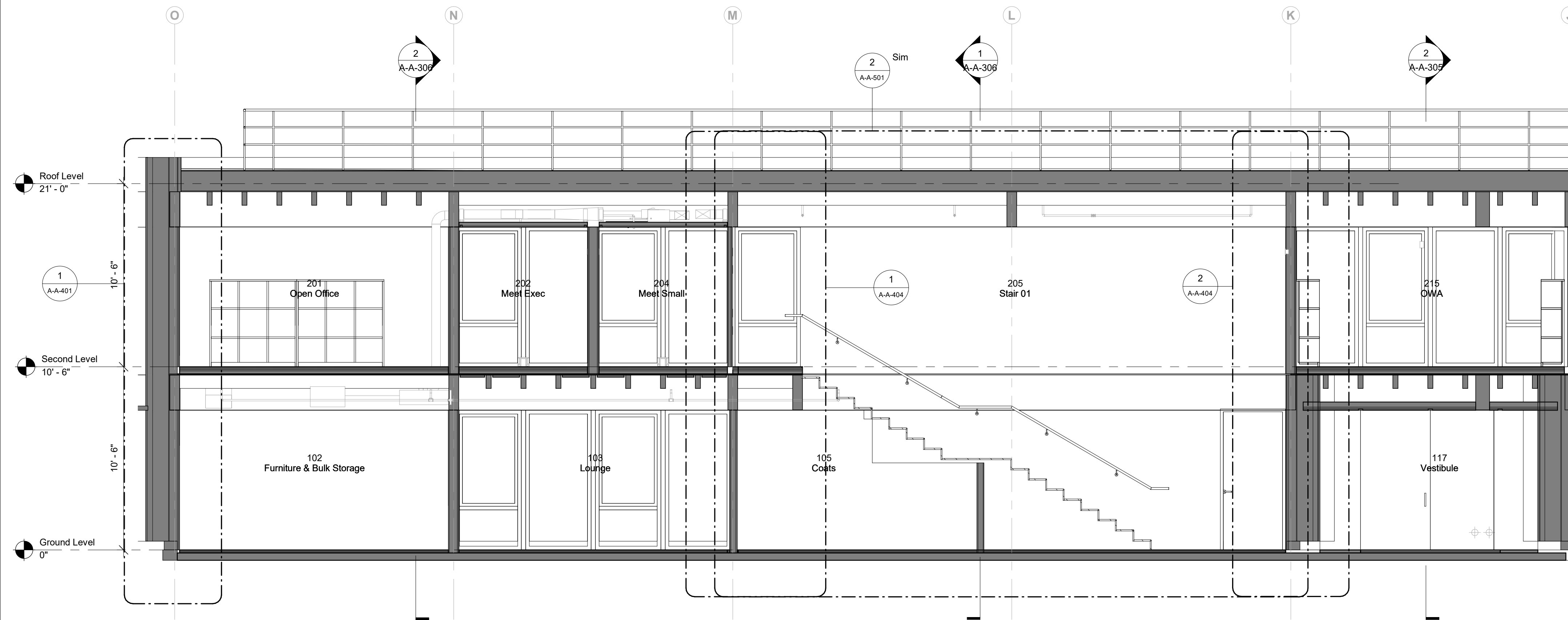
2 North Bar - South Elevation
1/4" = 1'-0"



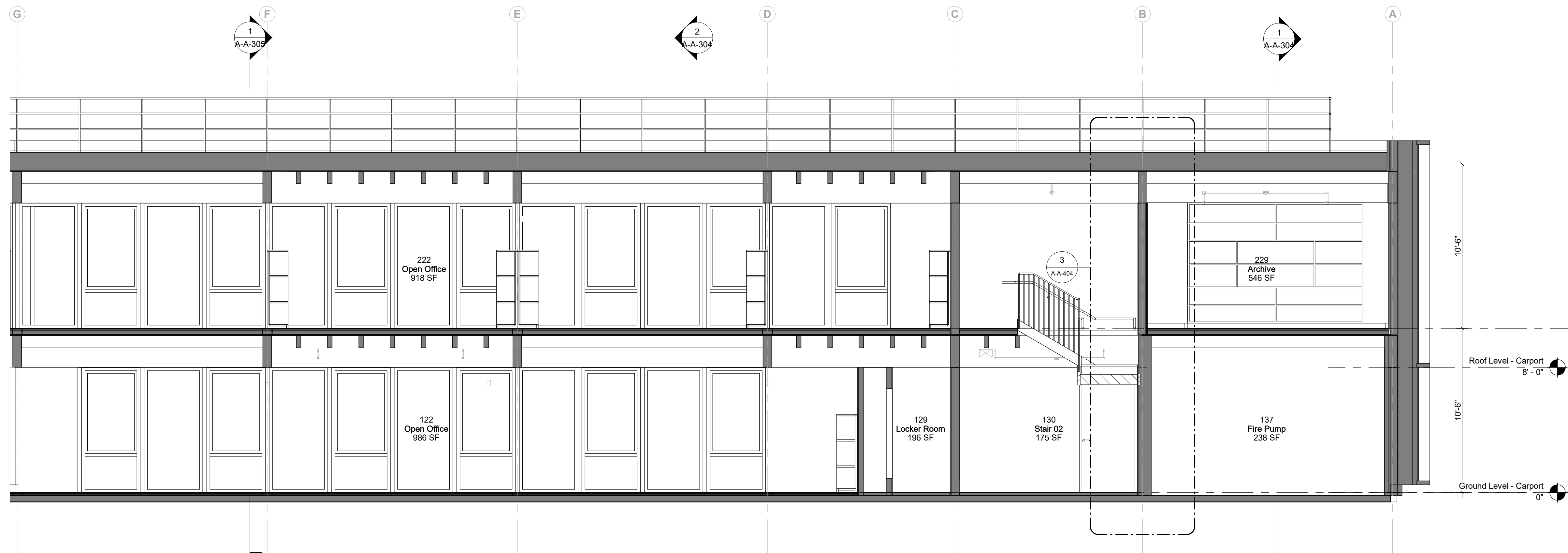
3 South Bar - North Elevation
1/4" = 1'-0"



4 South Bar - South Elevation
1/4" = 1'-0"



1 Longitudinal Section A
1/4" = 1'-0"



1 Longitudinal Section A (cont.)
1/4" = 1'-0"

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Building Sections

Date 11/06/20

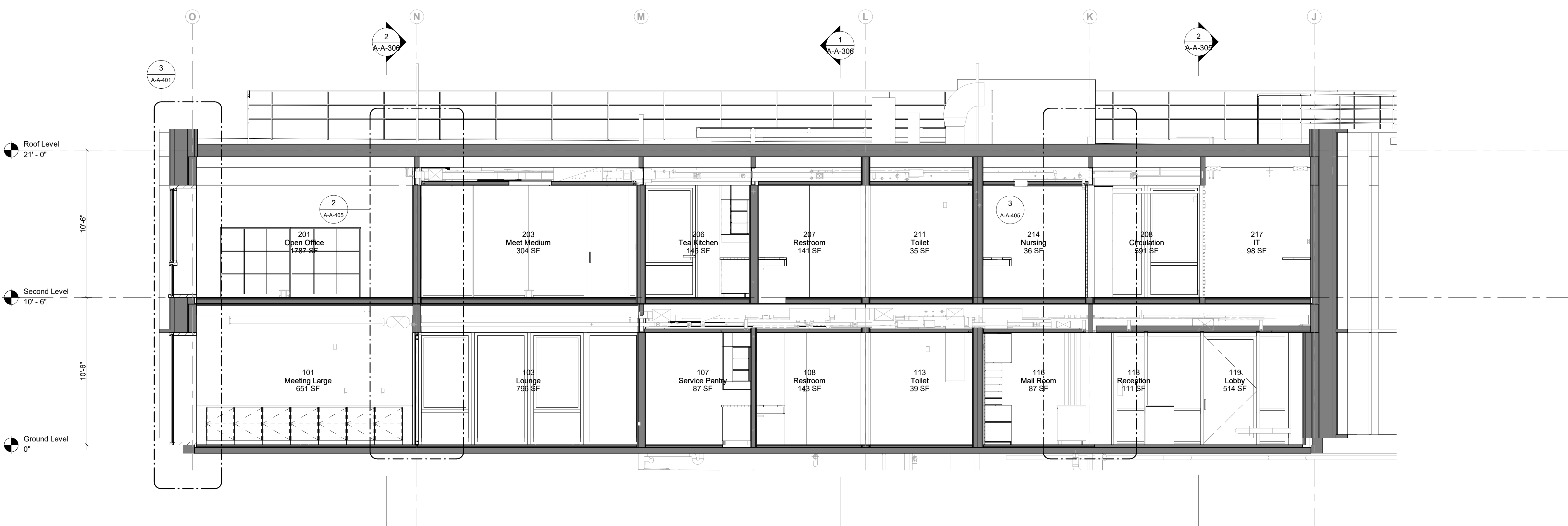
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Drawing Number **A-A-301**

Sheet Size ARCH D



4 Longitudinal Section B - North Bar
1/4" = 1'-0"



3 Longitudinal Section B - South Bar
1/4" = 1'-0"

Owner
Storm King Art Center
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Key Plan

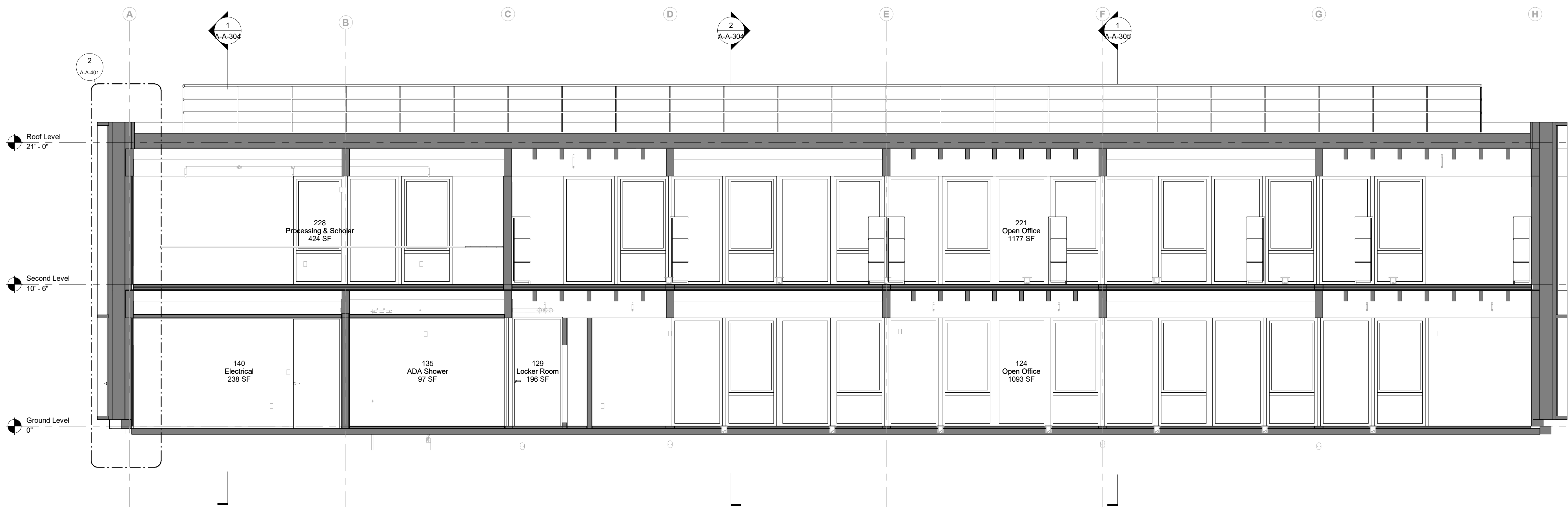
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

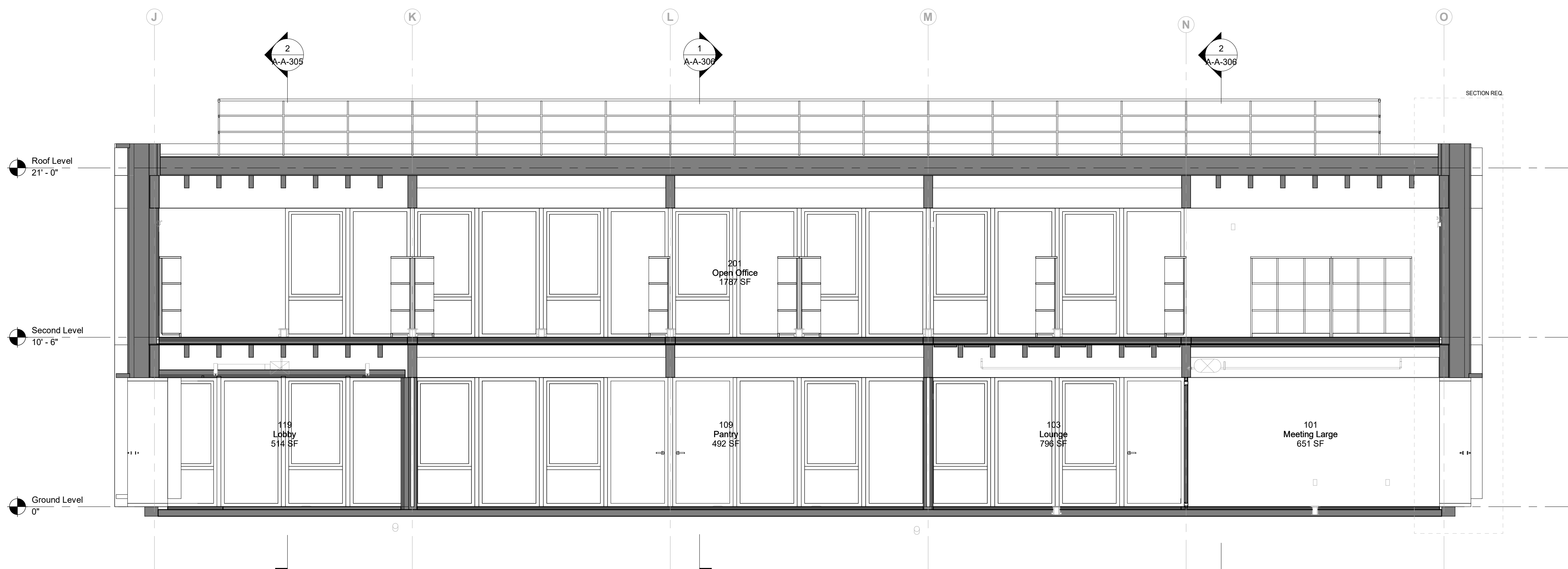
Seal

NOT FOR CONSTRUCTION
Drawing Title
Building Sections

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-302
Sheet Size	ARCH D



1 Longitudinal Section C - North Bar
1/4" = 1'-0"



2 Longitudinal Section C - South Bar
1/4" = 1'-0"

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Key Plan

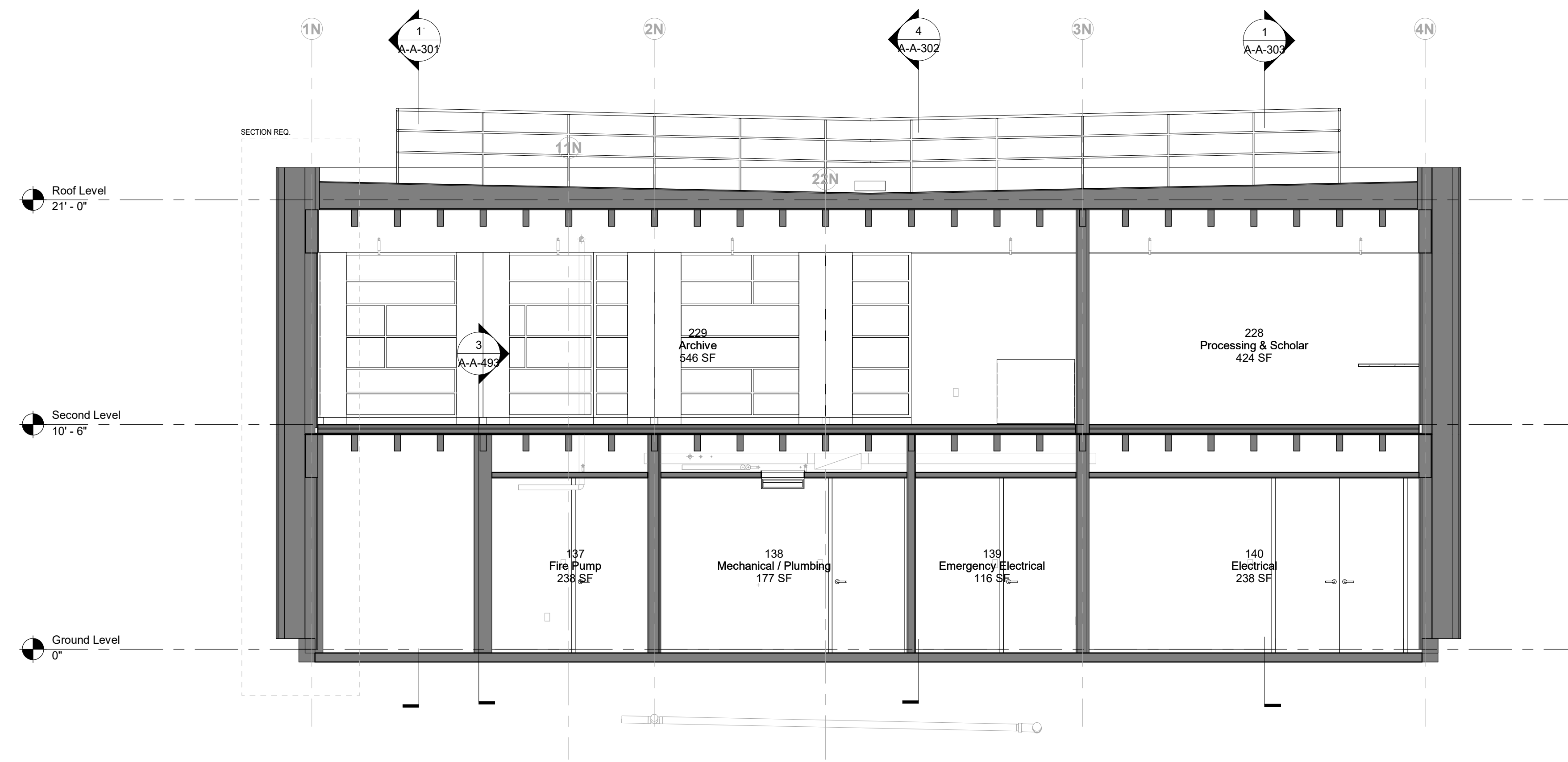
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

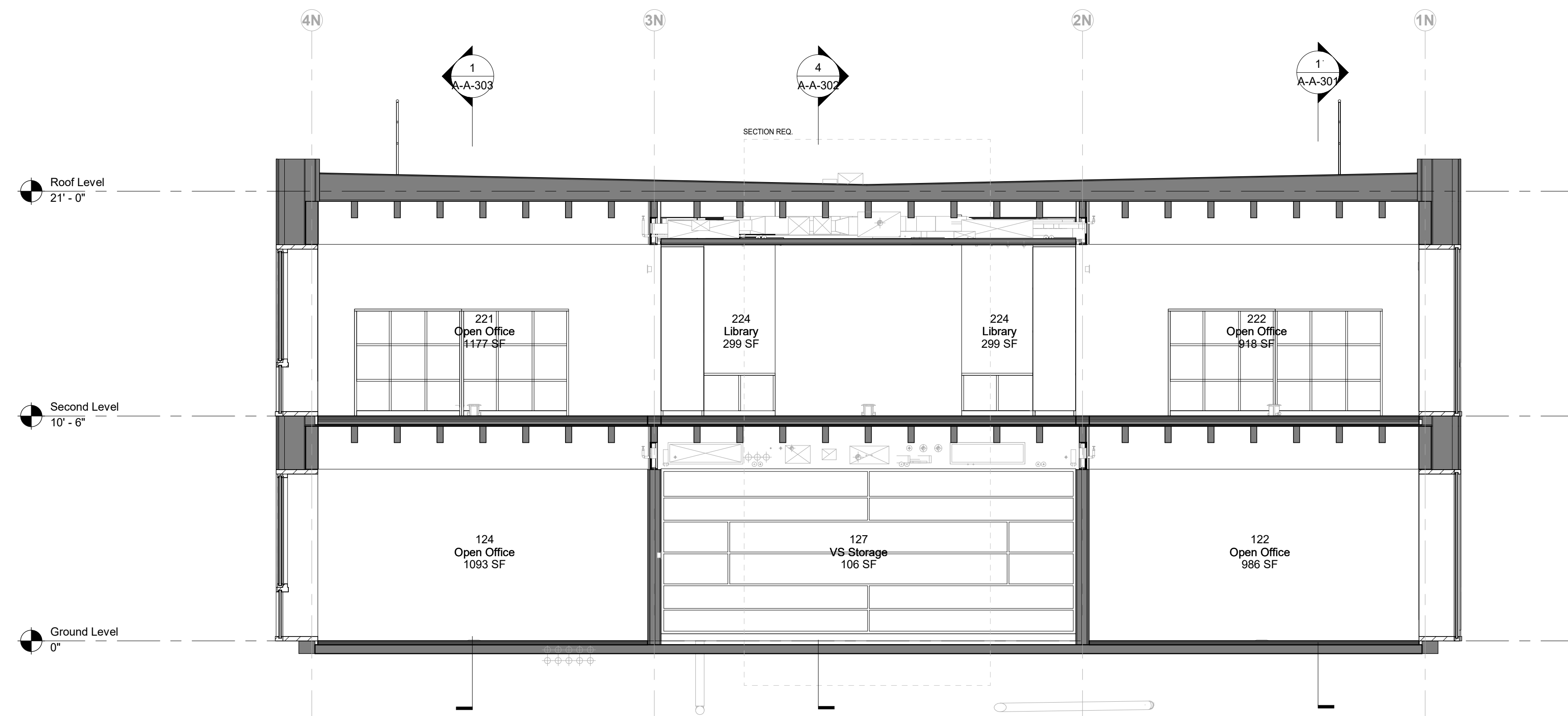
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NOT FOR CONSTRUCTION
Drawing Title
Building Sections

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-303
Sheet Size	ARCH D



1 Transverse Section A
1/4" = 1'-0"



2 Transverse Section B
1/4" = 1'-0"

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

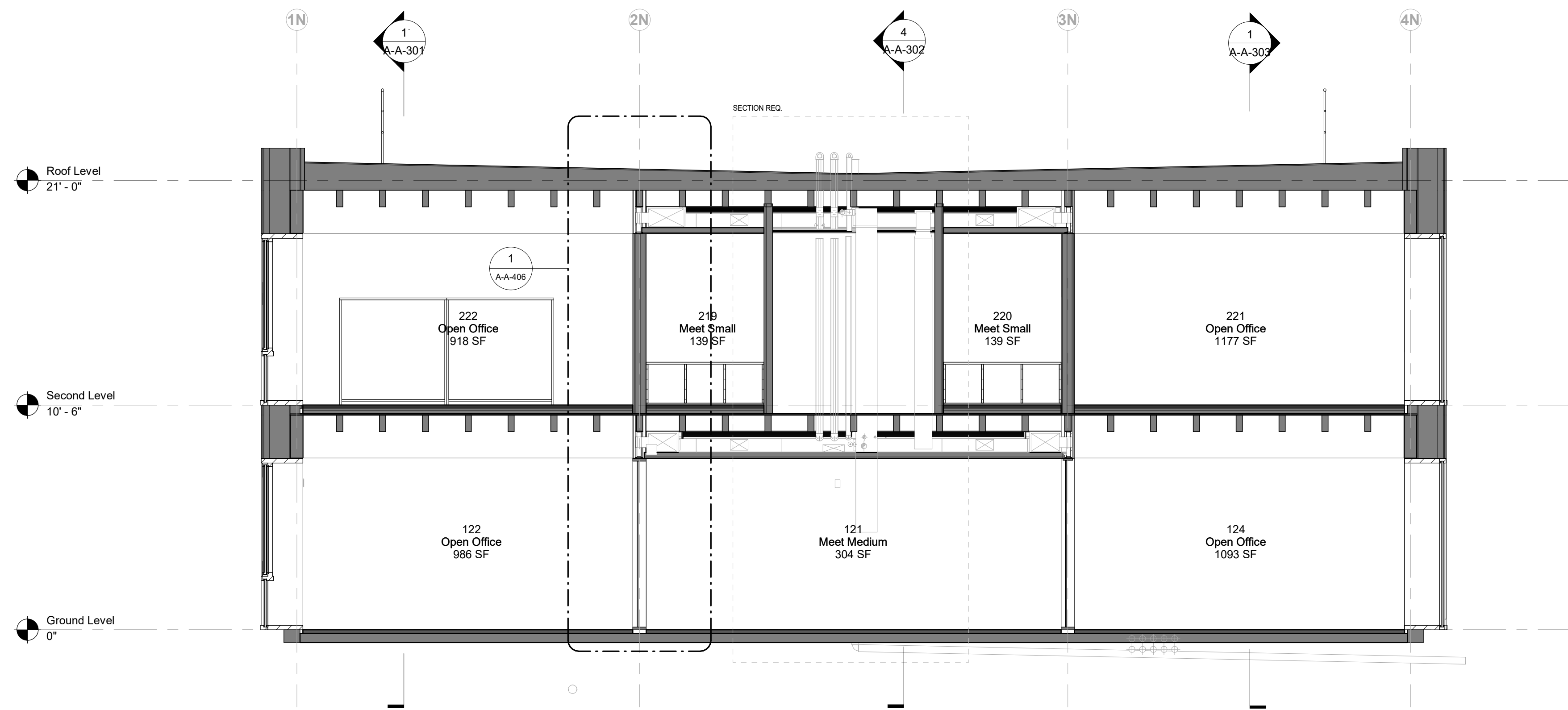
**Storm King
Art Center
Administration
Building**

Seal

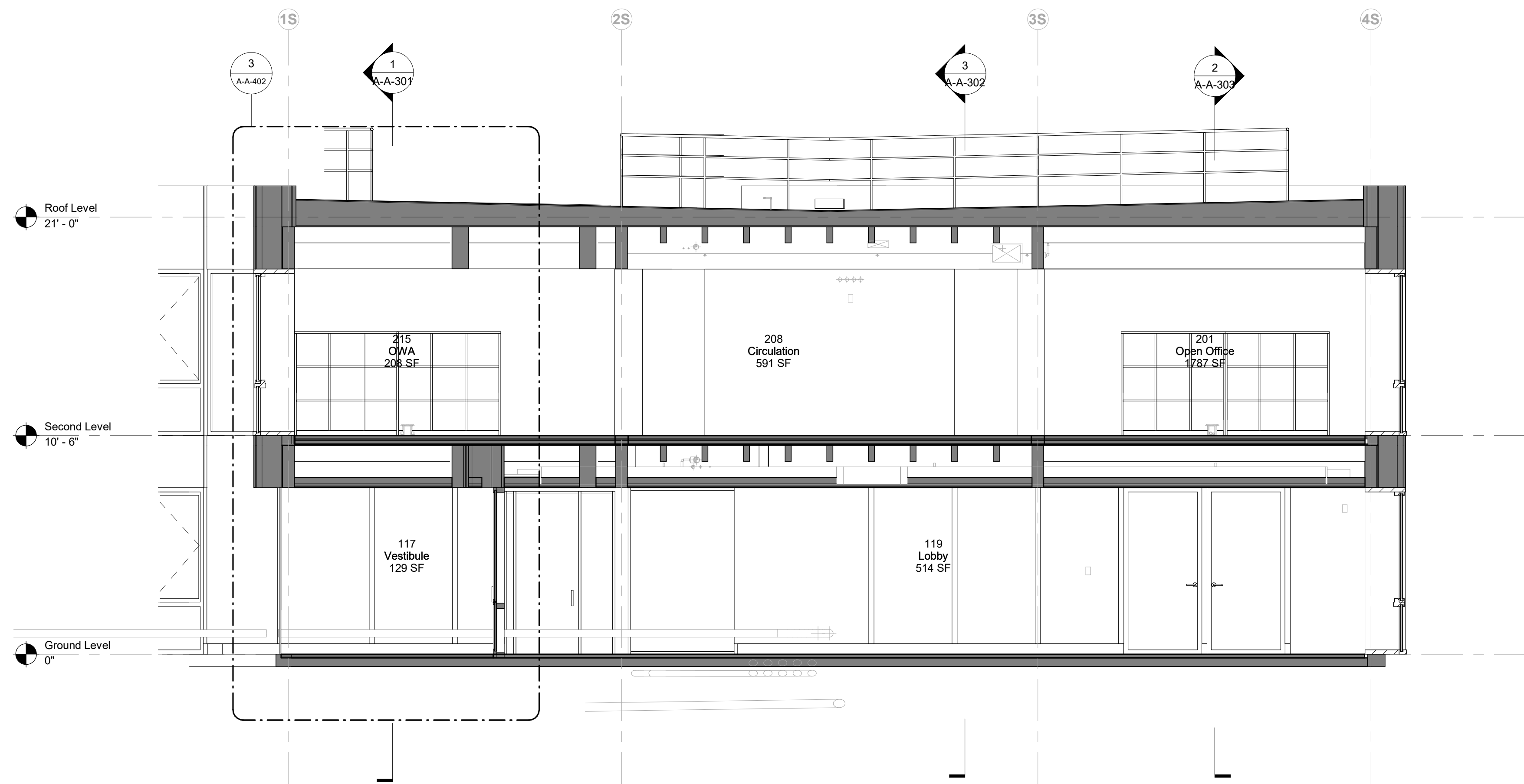
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Drawing Title
Building Sections

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-304
Sheet Size	ARCH D



1 Transverse Section C
1/4" = 1'-0"



2 Transverse Section D
1/4" = 1'-0"

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

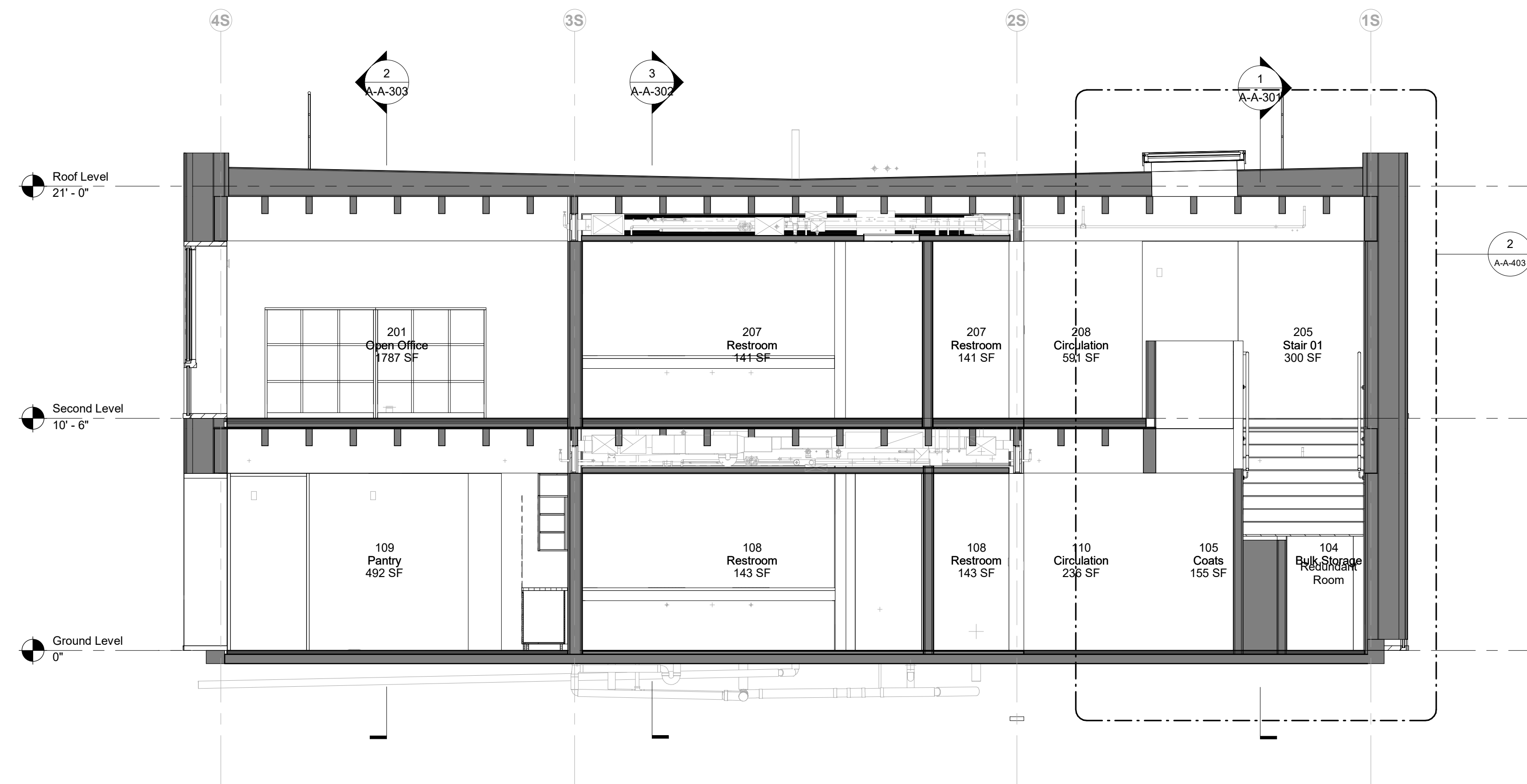
NOT FOR CONSTRUCTION

Drawing Title
Building Sections

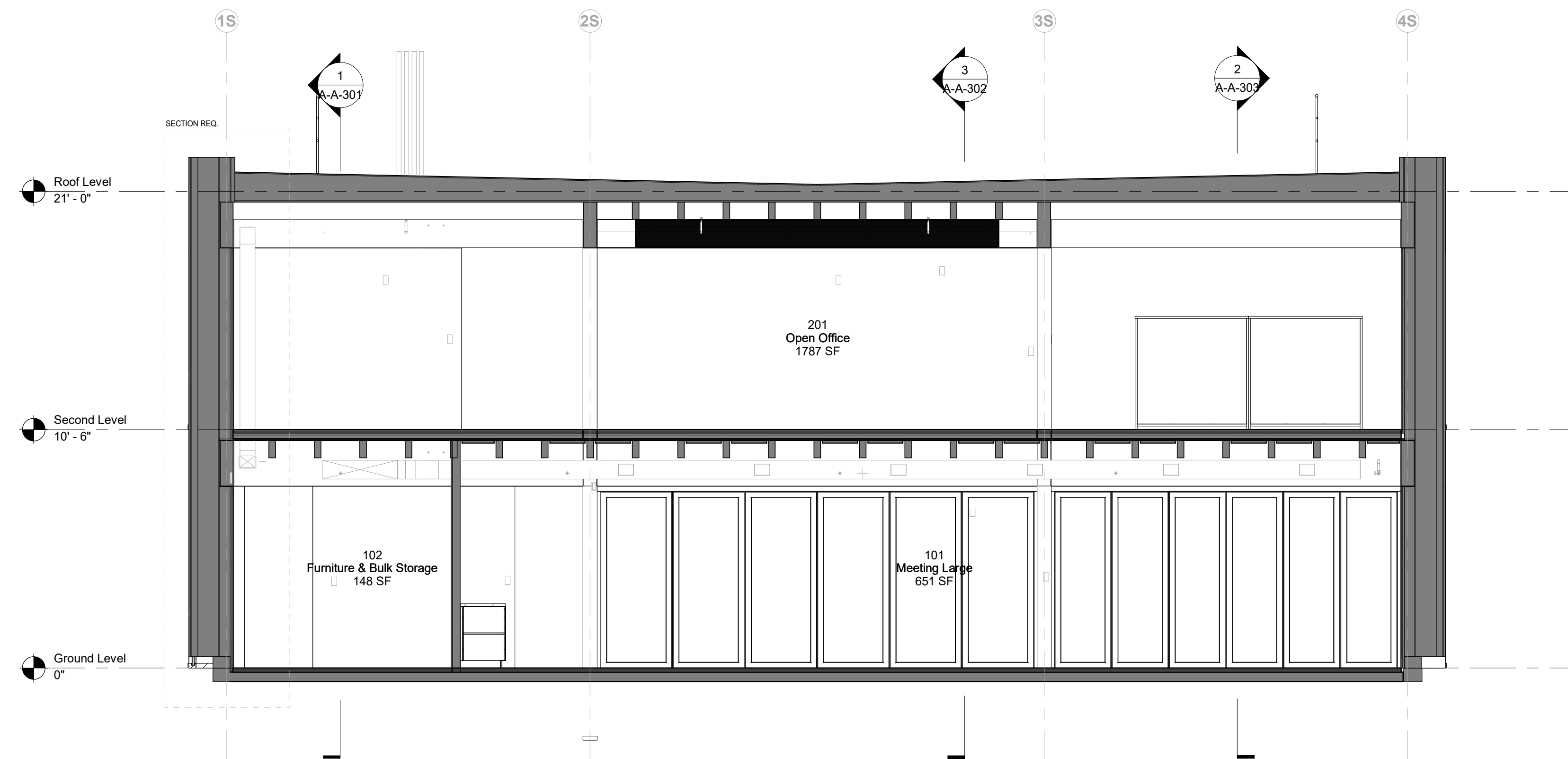
Date 11/06/20
Scale 1/4" = 1'-0"

Drawing Number **A-A-305**

Sheet Size ARCH D



1 Transverse Section E
1/4" = 1'-0"



2 Transverse Section F
1/4" = 1'-0"

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Key Plan

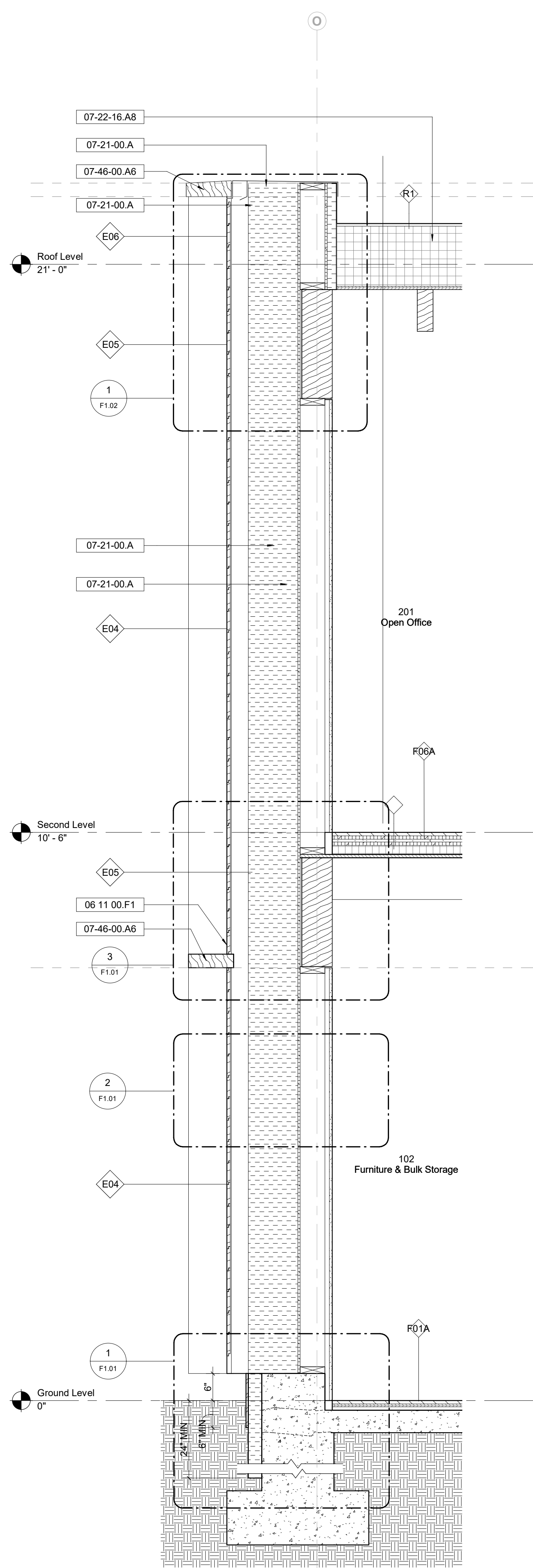
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

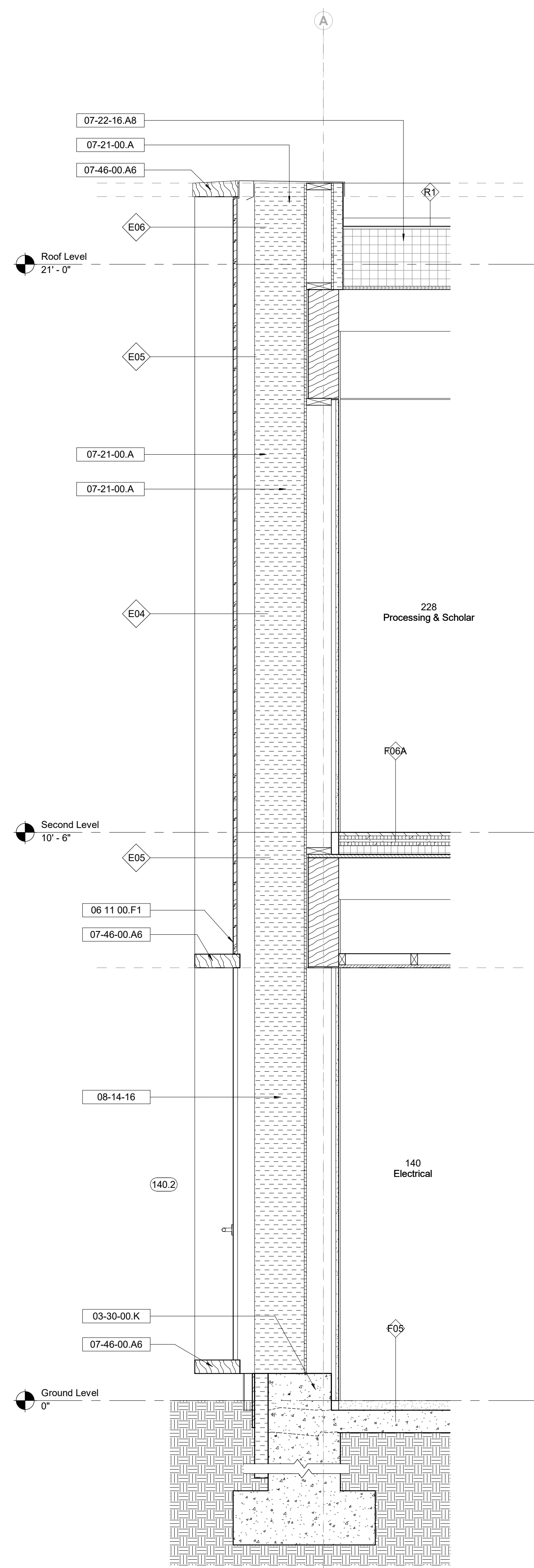
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NOT FOR CONSTRUCTION
Drawing Title
Building Sections

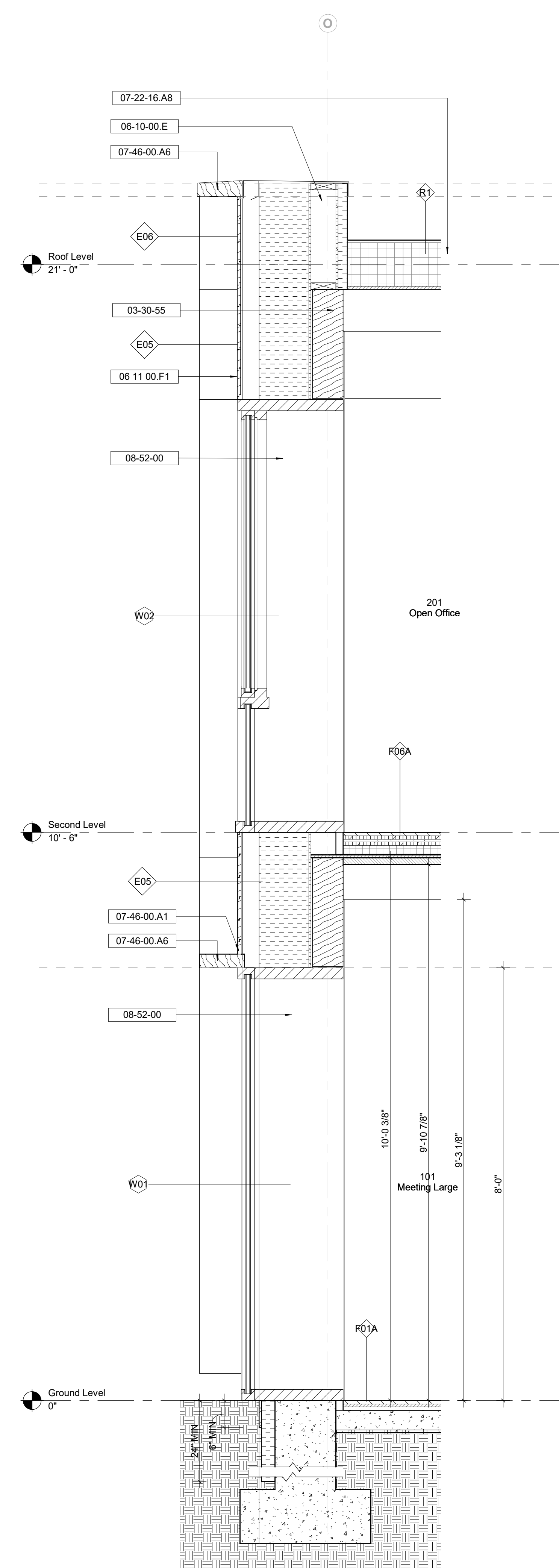
Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-306
Sheet Size	ARCH D



1 Wall Section A
3/4" = 1'-0"



2 Wall Section B
3/4" = 1'-0"



3 Wall Section C
3/4" = 1'-0"

Keynote Legend	
Keynote	Description
03-30-00.K	Concrete Curb
03-30-55	Cast-In-Place Concrete (Site)
06-11-00.F1	
06-10-00.E	Wood Blocking
07-21-00.A	Mineral Wool Insulation
07-22-16.A8	8" Rigid Insulation, min., tapered to drain.
07-46-00.A1	Abodo 'Pearl' Board - 4x1" Nominal
07-46-00.A6	Abodo 'Pearl' Fin - 10x3" Actual
08-14-16	Flush Wood Doors
08-52-00	Wood Windows

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Key Plan

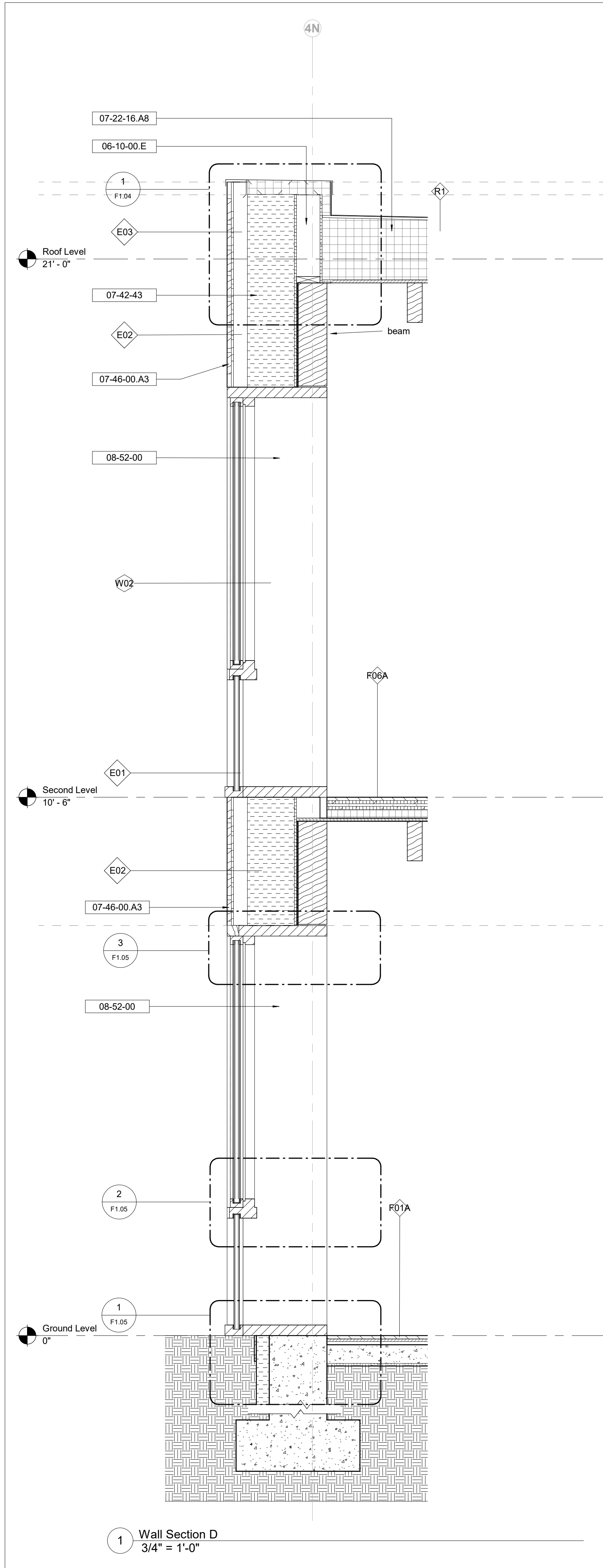
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

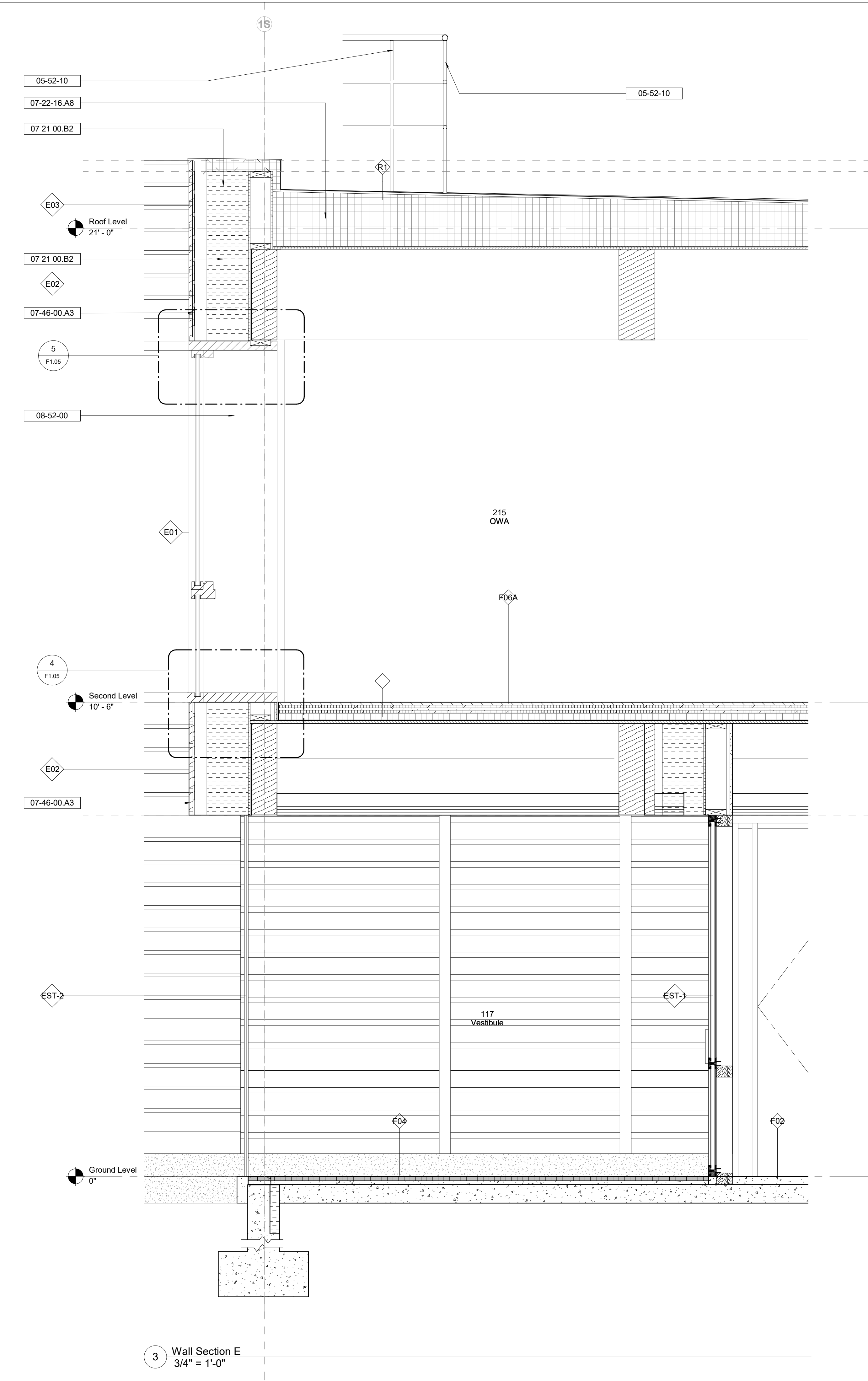
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NOT FOR CONSTRUCTION
Drawing Title
Wall Sections

Date	11/06/20
Scale	3/4" = 1'-0"
Drawing Number	A-A-401
Sheet Size	ARCH D



1 Wall Section D
3/4" = 1'-0"



3 Wall Section E
3/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings
06-10-00.E	Wood Blocking
07 21 00.B2	
07-22-16.A 8	8" Rigid Insulation, min., tapered to drain.
07-42-43	Composite Wall Panels
07-46-00.A 3	Abodo 'Pearl' Board - 6x1" Nominal
08-52-00	Wood Windows

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Key Plan

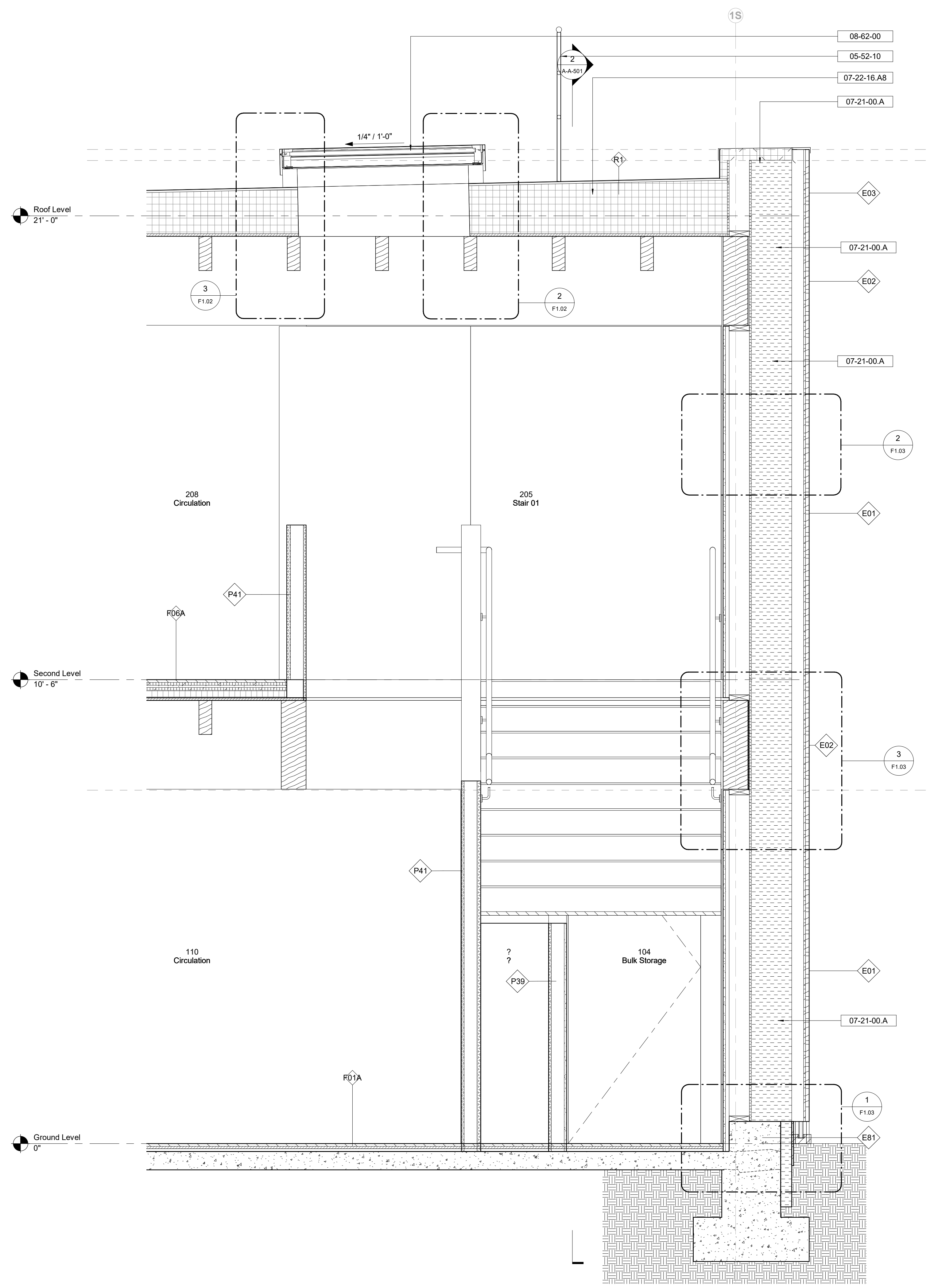
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Wall Sections

Date	11/06/20
Scale	3/4" = 1'-0"
Drawing Number	A-A-402
Sheet Size	ARCH D



2 Wall Section G
3/4" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-10	Pipe and Tube Railings
07-21-00.A	Mineral Wool Insulation
07-22-16.A	8" Rigid Insulation, min., tapered to drain.
08-62-00	Unit Skylights

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Wall Sections

Date	11/06/20
Scale	3/4" = 1'-0"
Drawing Number	A-A-403
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description
07-22-16.A.8	8" Rigid Insulation, min., tapered to drain.
08-52-00	Wood Windows

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Key Plan

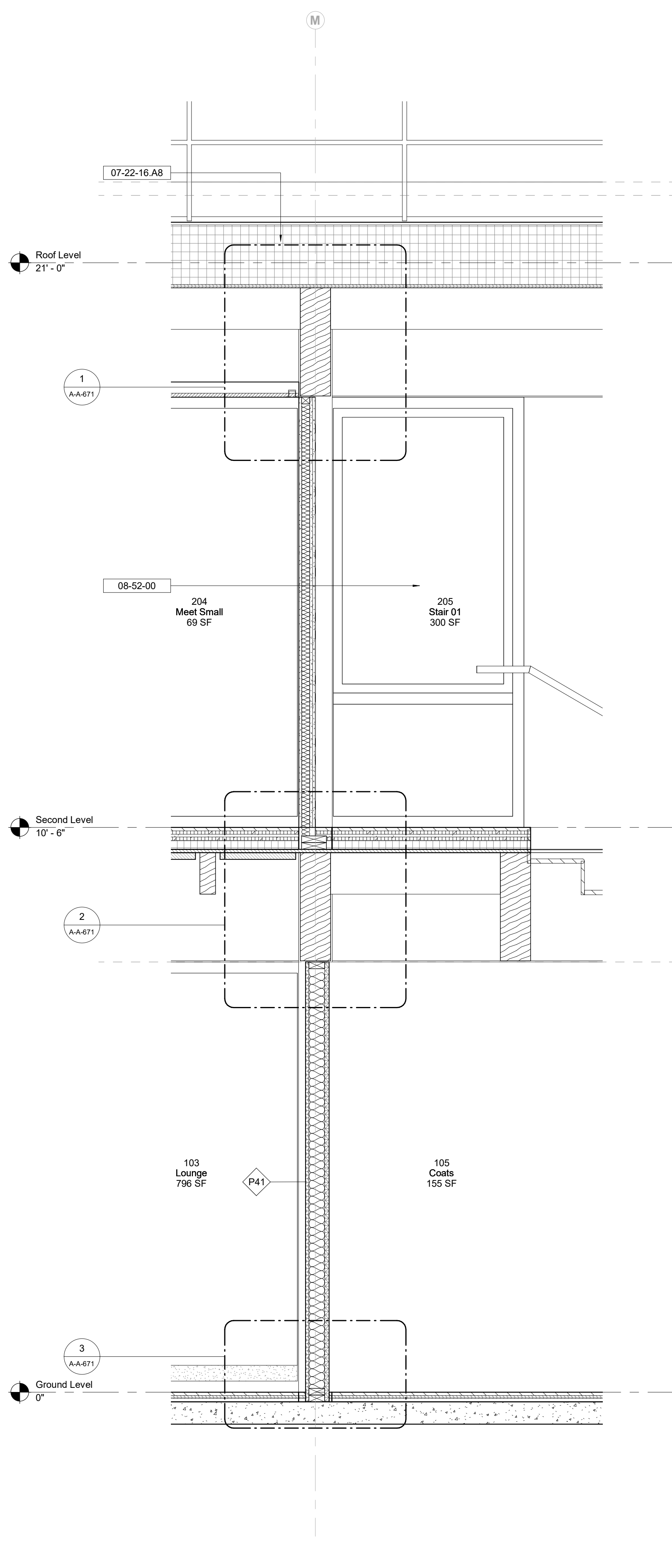
N	
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration
Building

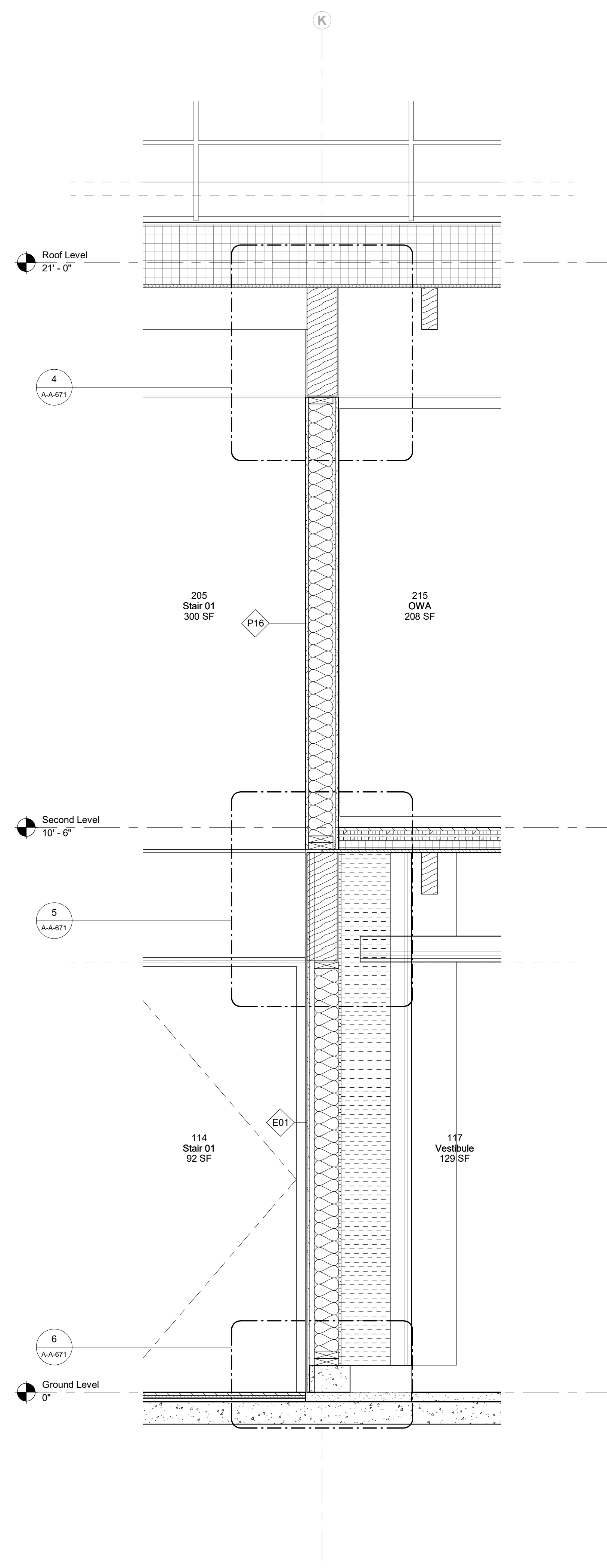
Seal

NOT FOR CONSTRUCTION
Drawing Title
Wall Sections -
Interior

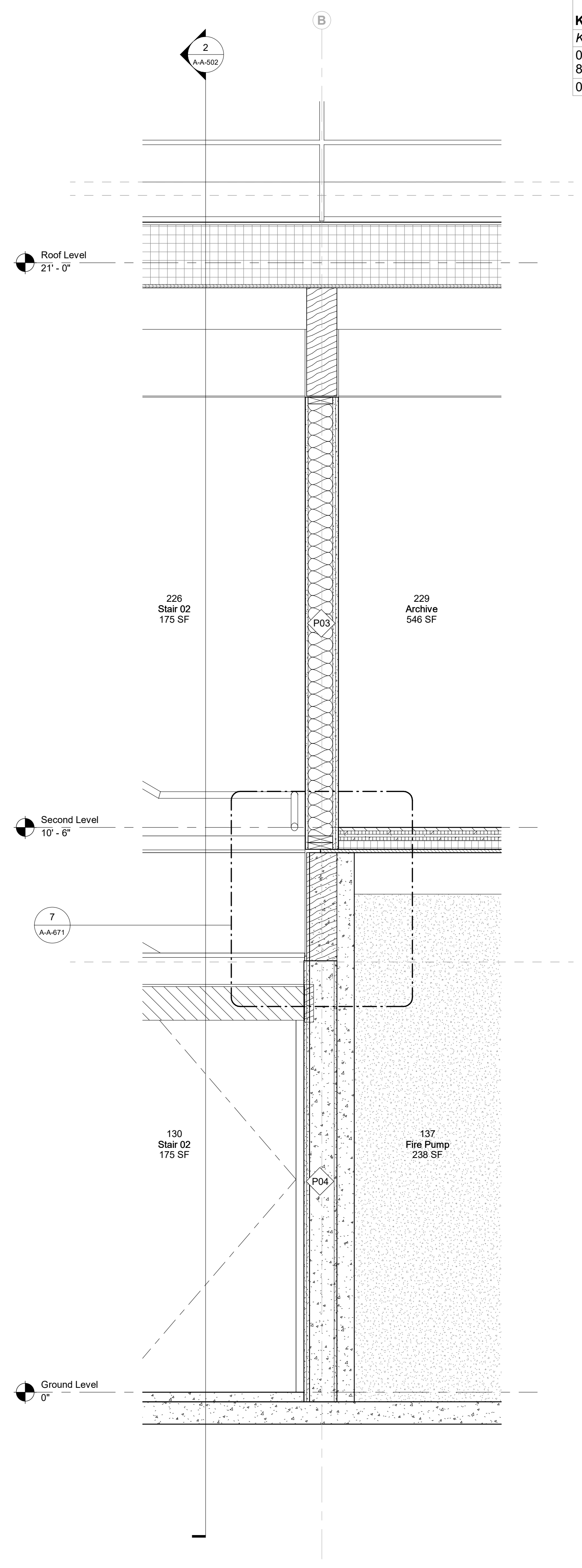
Date	11/06/20
Scale	3/4" = 1'-0"
Drawing Number	A-A-404
Sheet Size	ARCH D



1 Interior Wall Section A
3/4" = 1'-0"



2 Interior Wall Section B
3/4" = 1'-0"



3 Interior Wall Section C
3/4" = 1'-0"

Keynote Legend	
Keynote	Description

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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

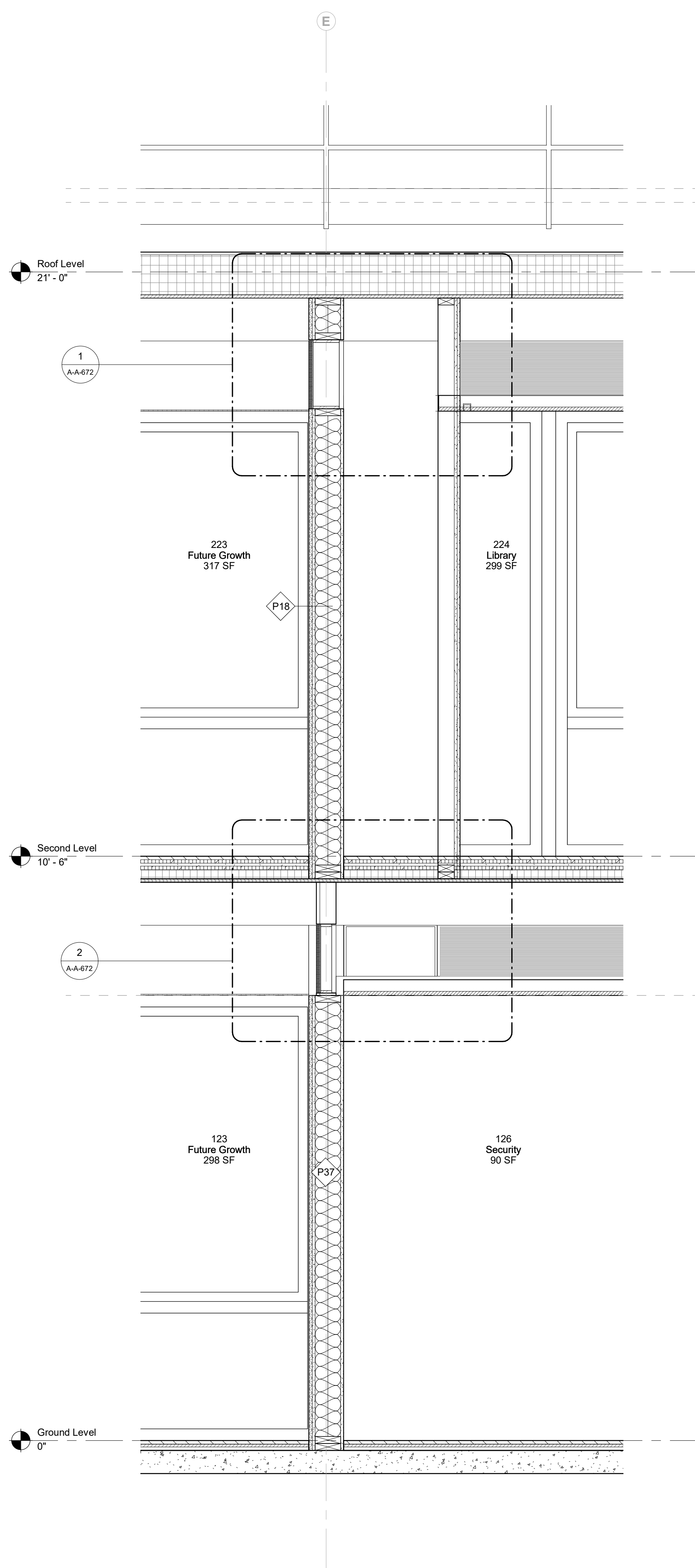
Drawing Title
 Wall Sections -
 Interior

Date 11/06/20

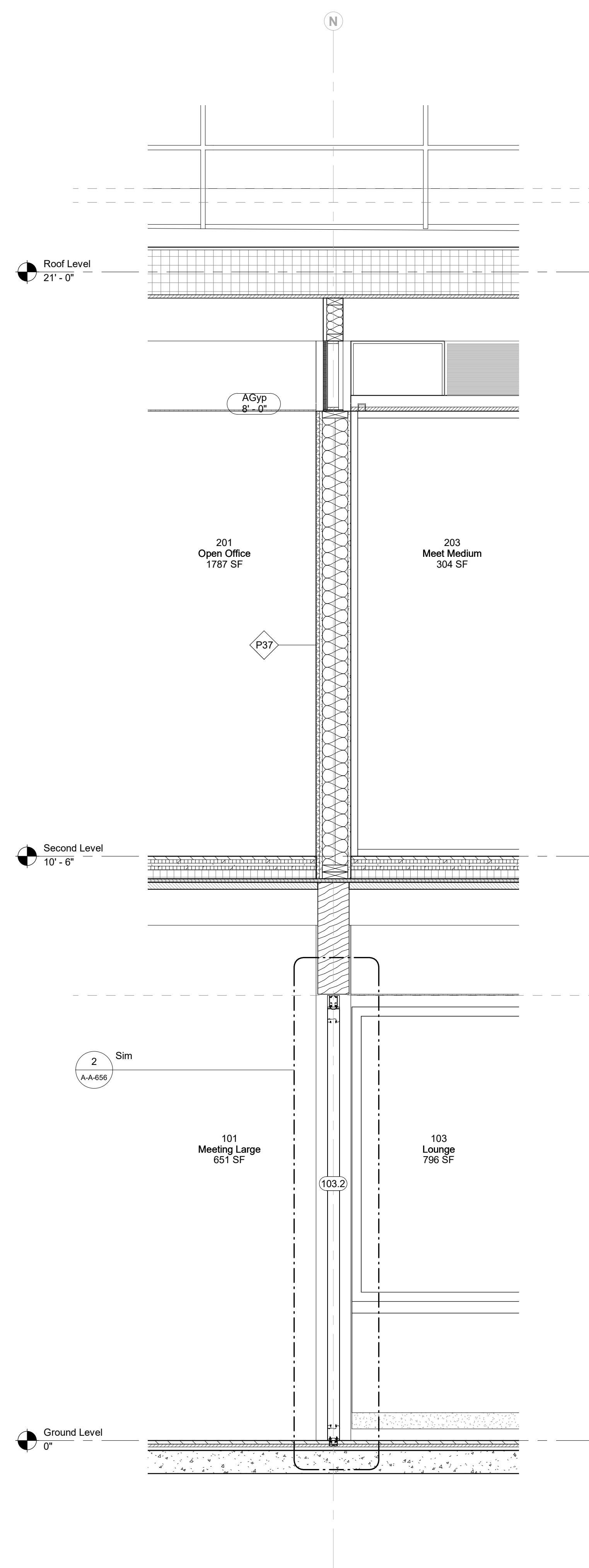
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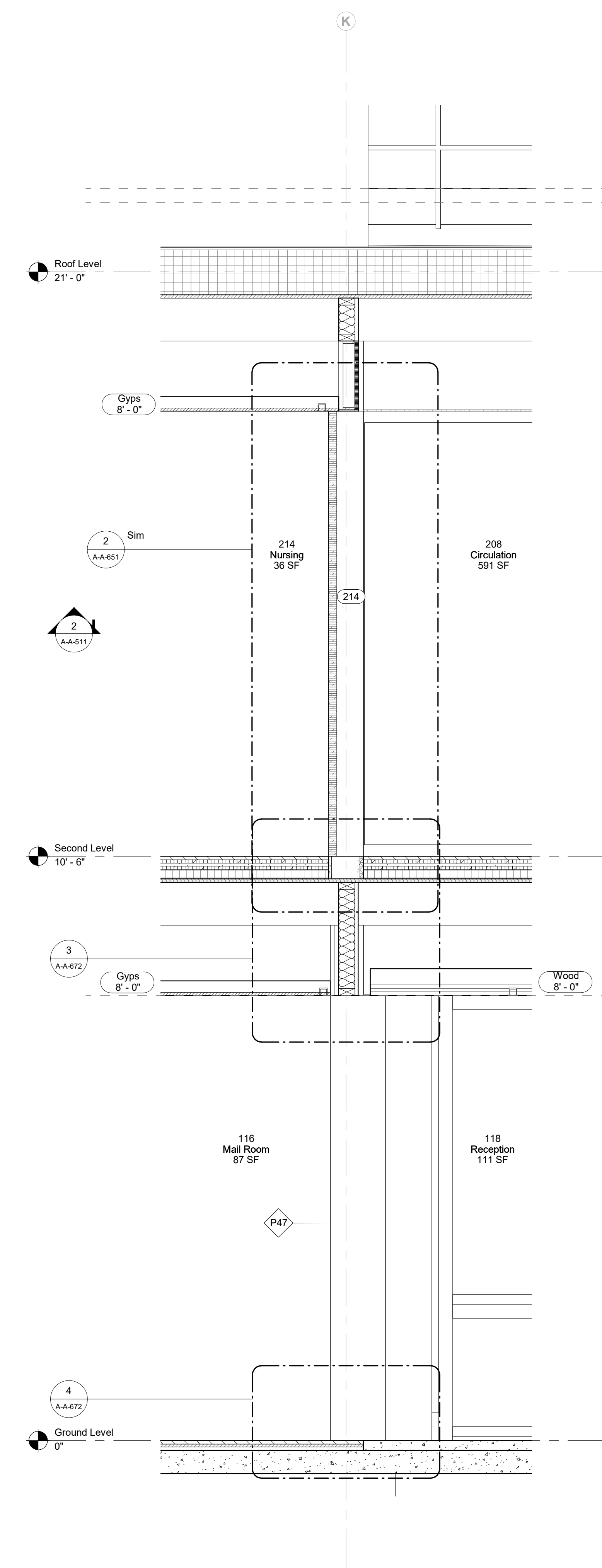
Sheet Size ARCH D



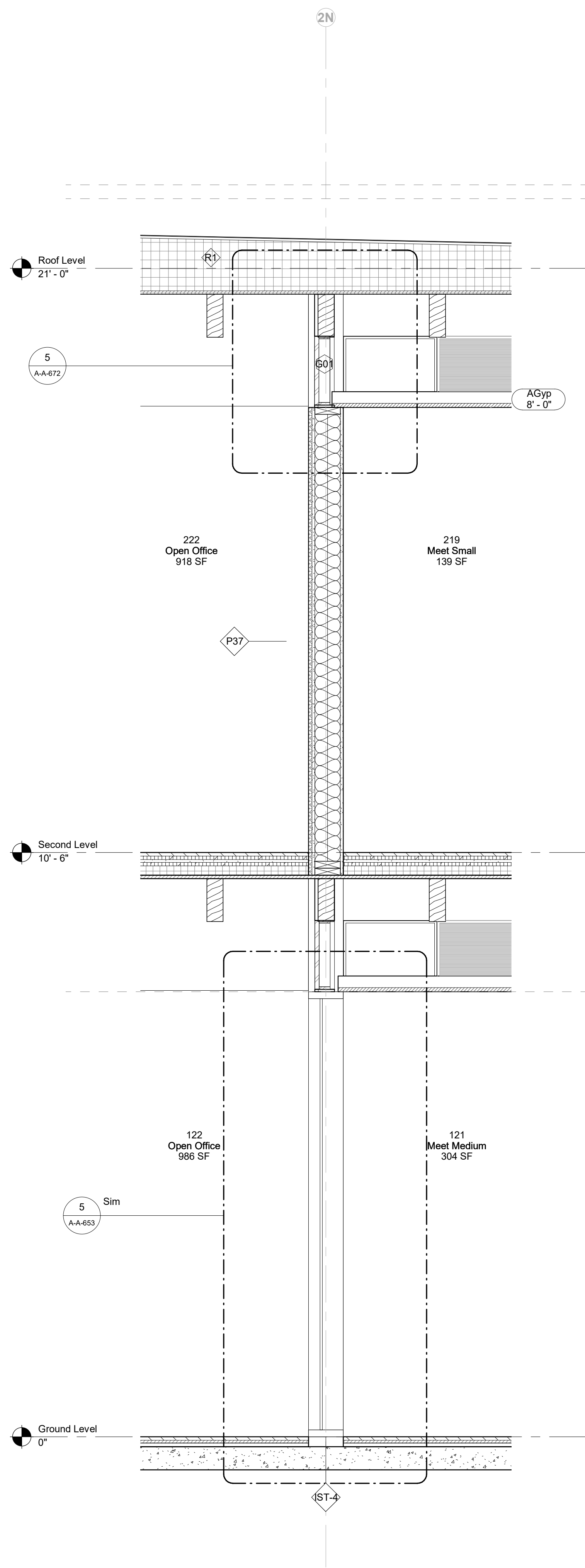
1 Interior Wall Section D
 3/4" = 1'-0"



2 Interior Wall Section E
 3/4" = 1'-0"



3 Interior Wall Section F
 3/4" = 1'-0"



1 Interior Wall Section G
3/4" = 1'-0"

- Owner**
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- AV & Acoustics**
LSTN Consultants
76 Beaver Street, 2nd Floor
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+1 (347) 788-0810
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Front Inc.
100 E. Broadway Street, #501
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+1 (212) 242-2220

Key Plan

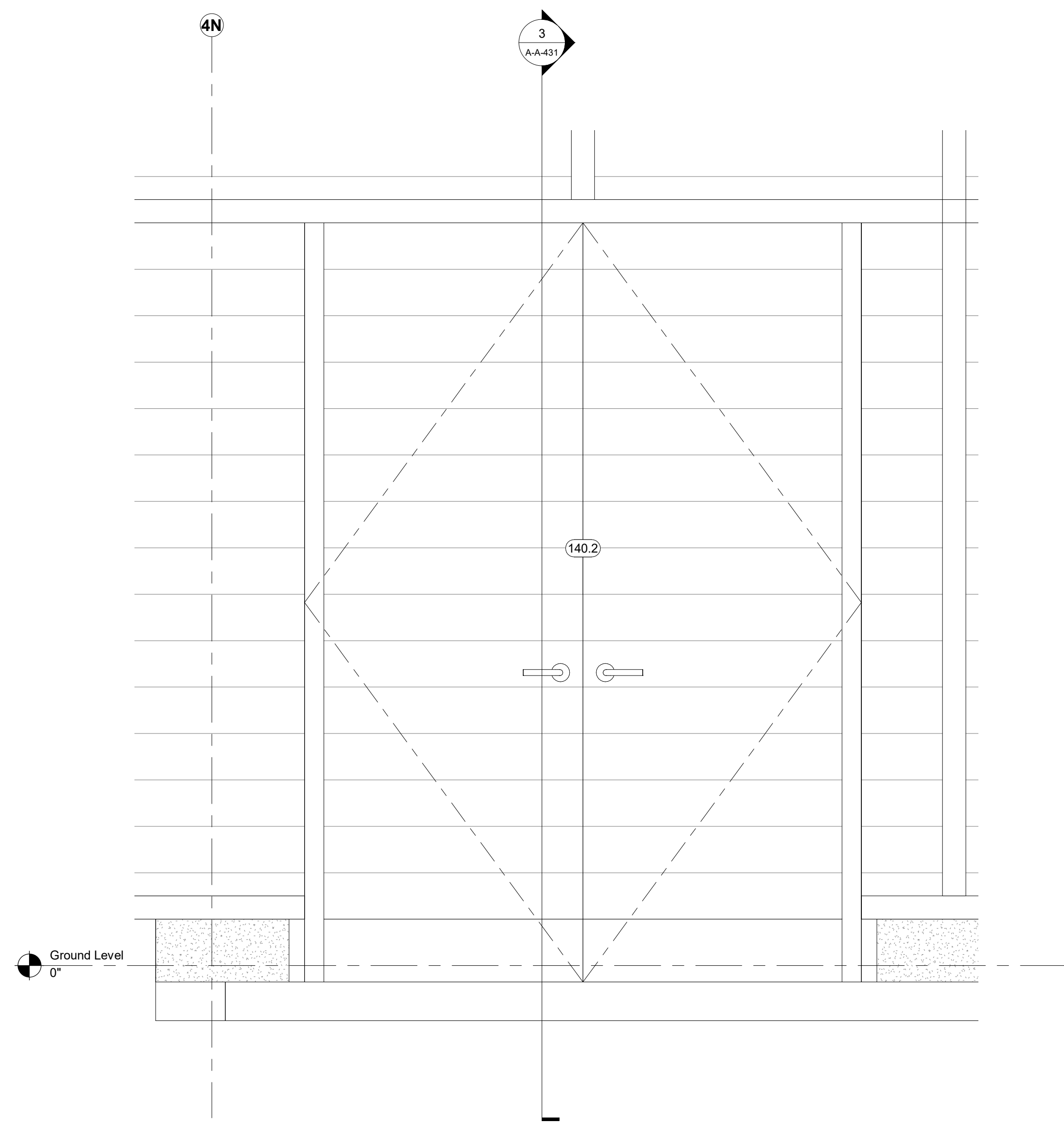
Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

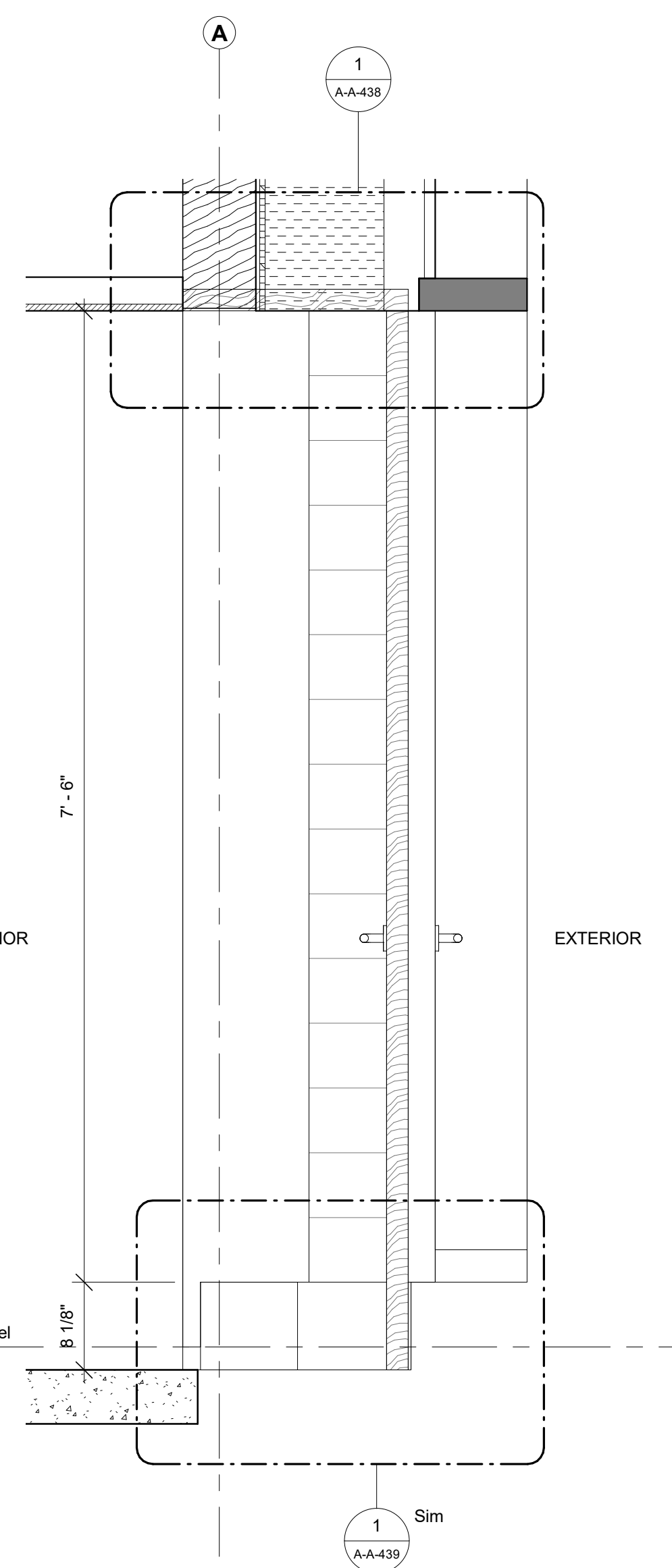
Seal

NOT FOR CONSTRUCTION
Drawing Title
**Wall Sections -
Interior**

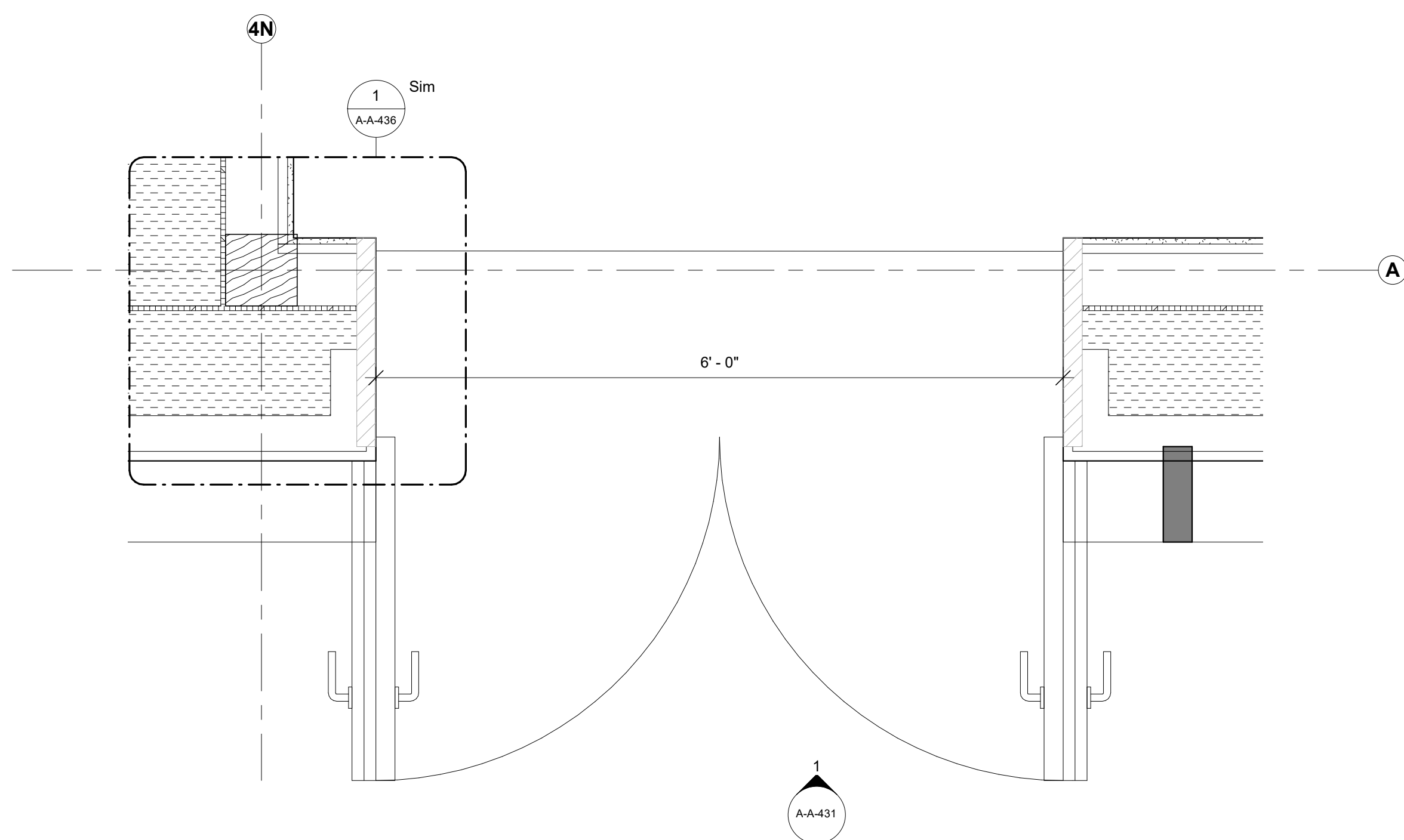
Date	11/06/20
Scale	3/4" = 1'-0"
Drawing Number	A-A-406
Sheet Size	ARCH D



1 Door Elevation - A1
1" = 1'-0"



3 Door Section - A1
1" = 1'-0"



2 Door - A1
1" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

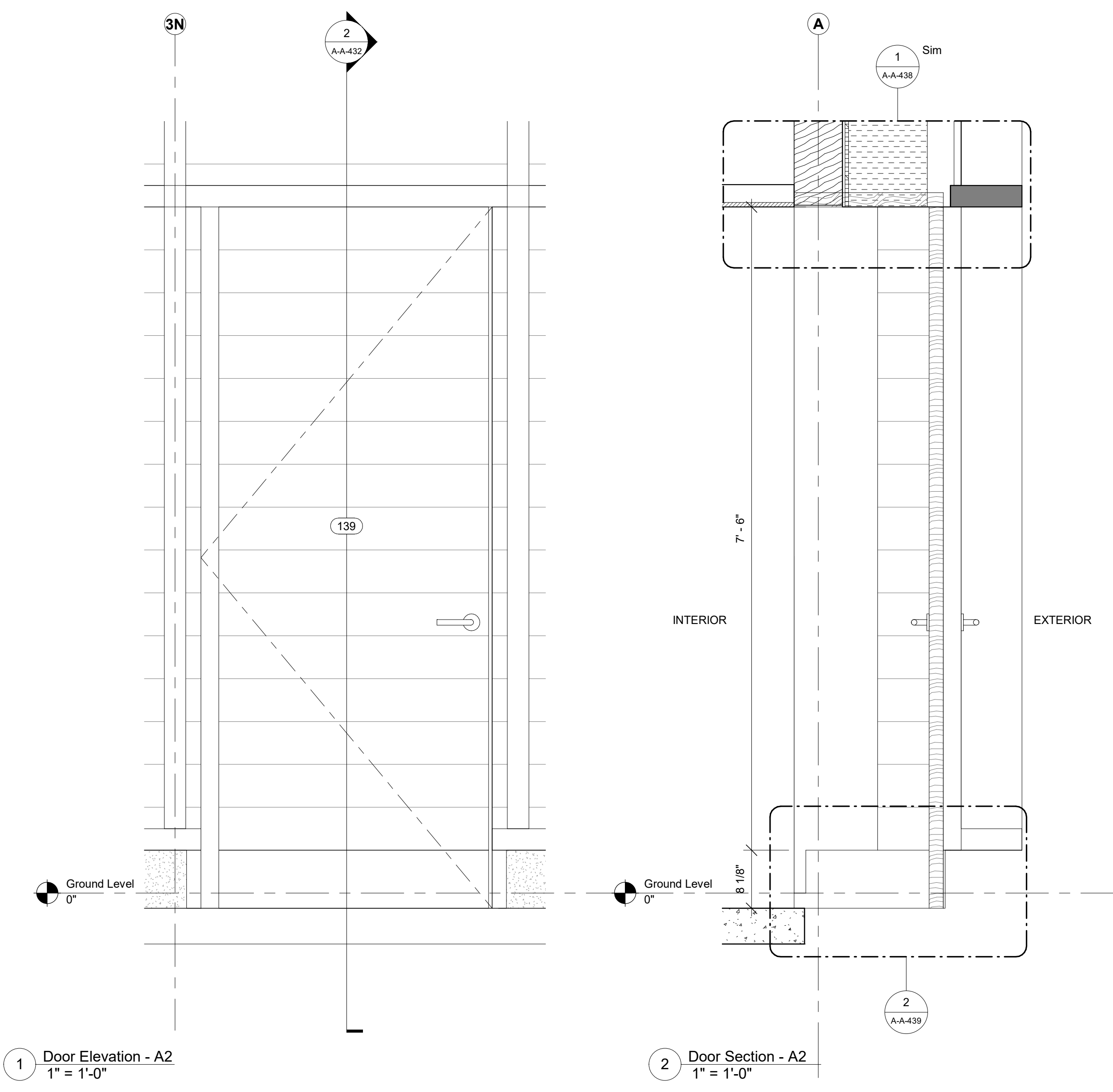
Seal

NOT FOR CONSTRUCTION

Drawing Title
Door Details

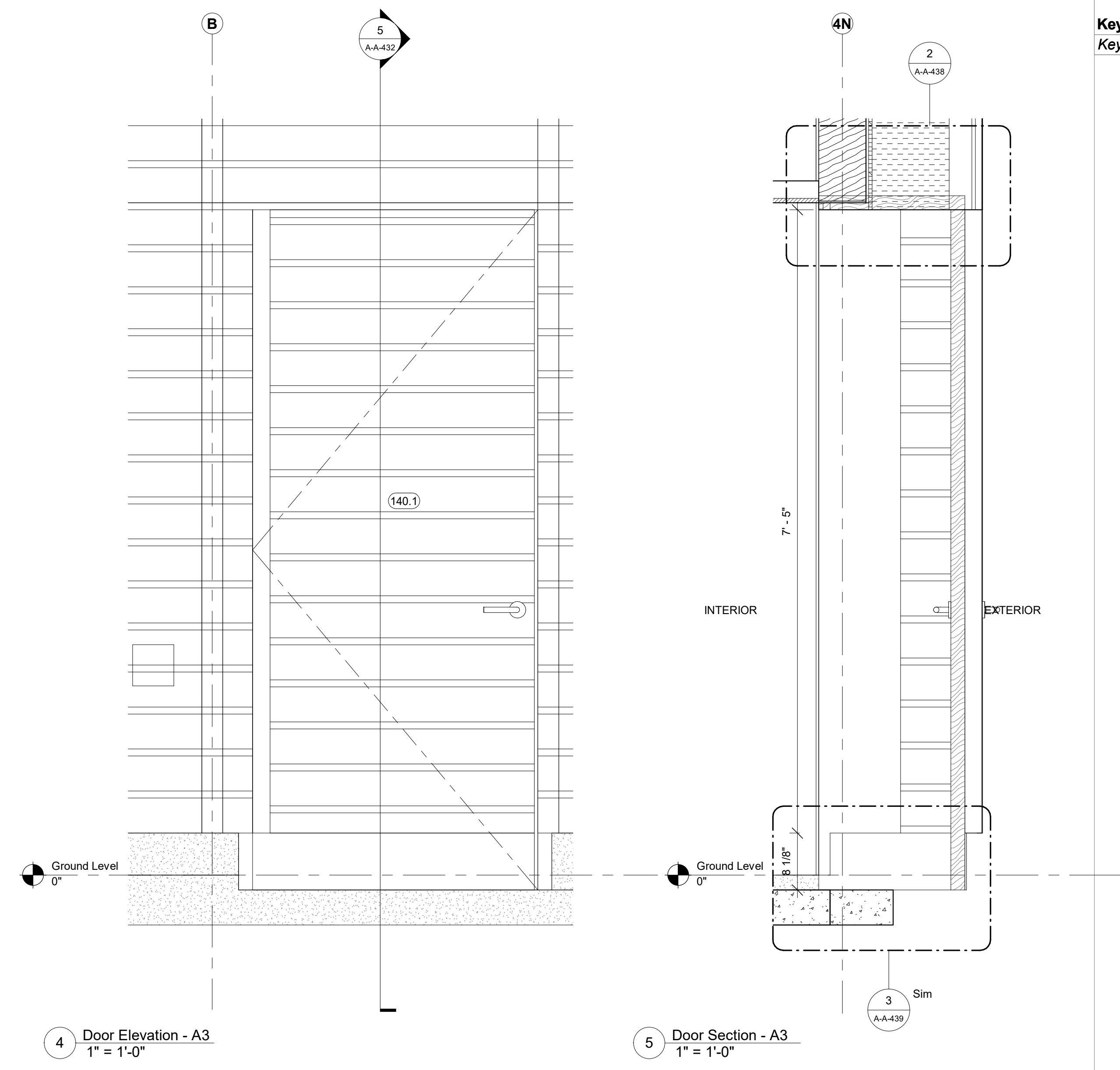
NOTE:
BESPOKE EXTERNAL DOOR WITH
OVERCLADDING TO MATCH FACADE

Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-431
Sheet Size	ARCH D



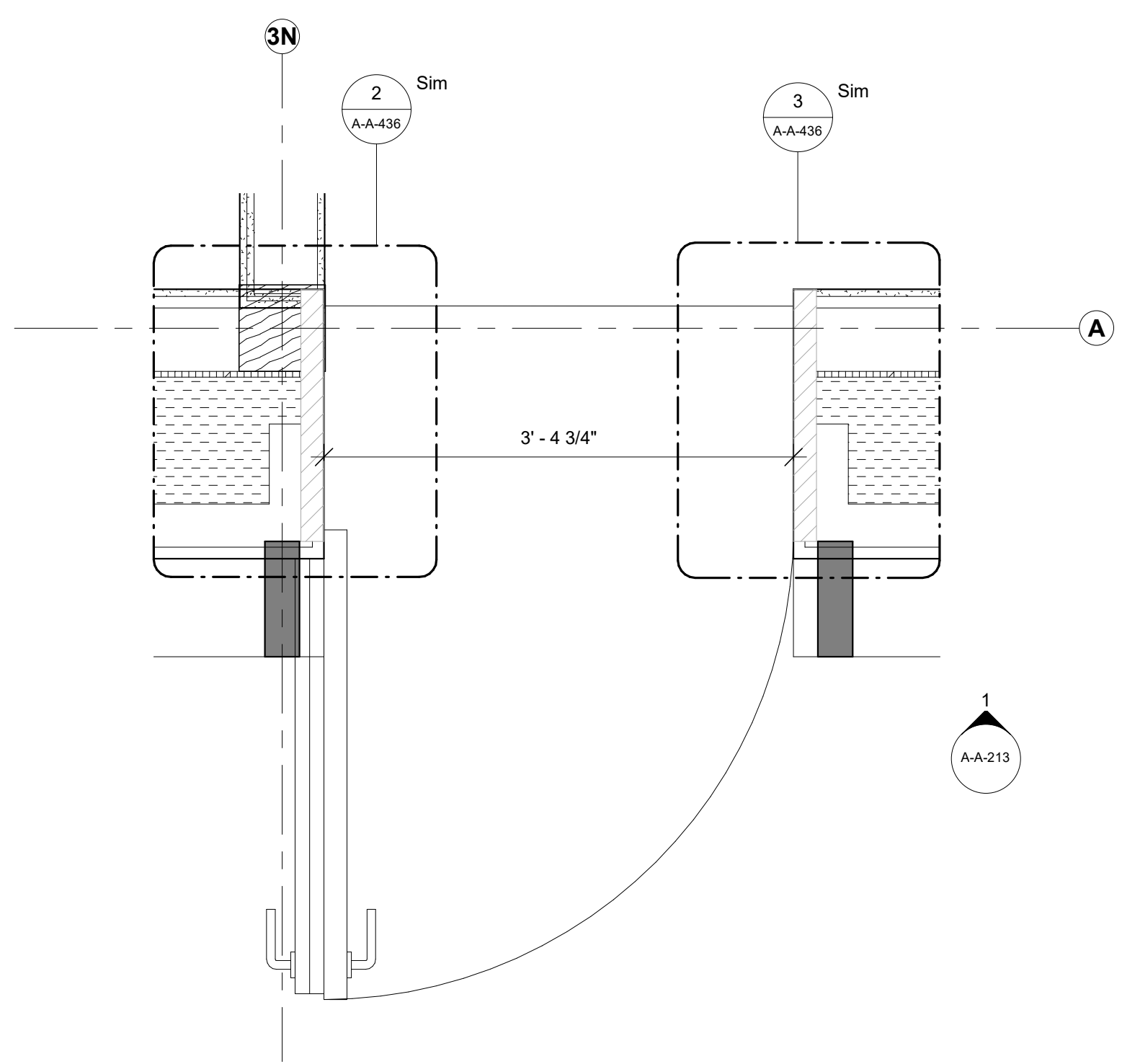
1 Door Elevation - A2
1" = 1'-0"

2 Door Section - A2
1" = 1'-0"

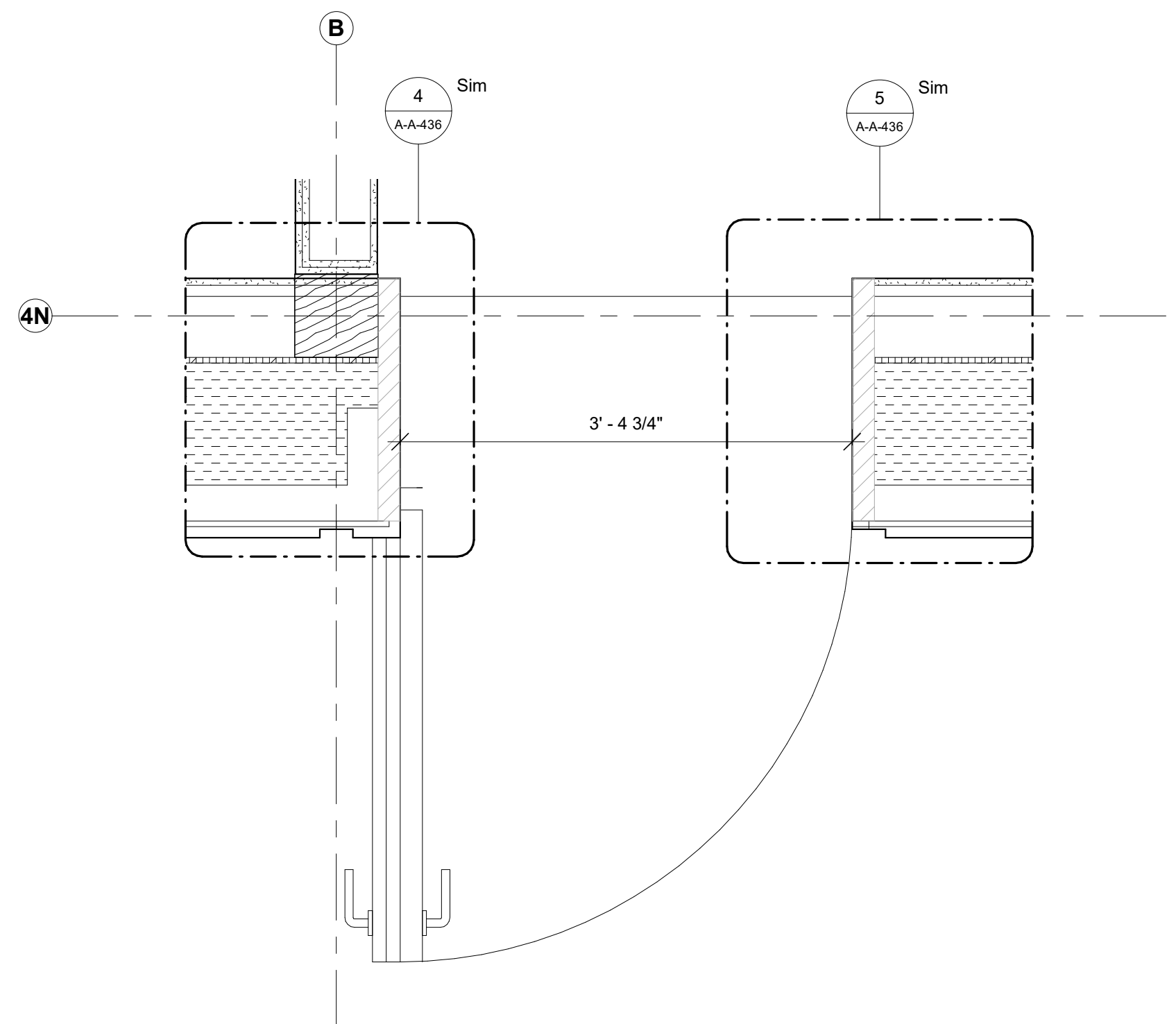


4 Door Elevation - A3
1" = 1'-0"

5 Door Section - A3
1" = 1'-0"



3 Door - A2
1" = 1'-0"



6 Door - A3
1" = 1'-0"

Keynote Legend

Keynote	Description
1	Owner
2	Design Architect
3	Executive Architect
4	Landscape Architect
5	Structural & Lighting
6	MEPF & IT
7	Civil
8	AV & Acoustics
9	Facade

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Key Plan

Description	Date
50% Construction Documents	11/06/20

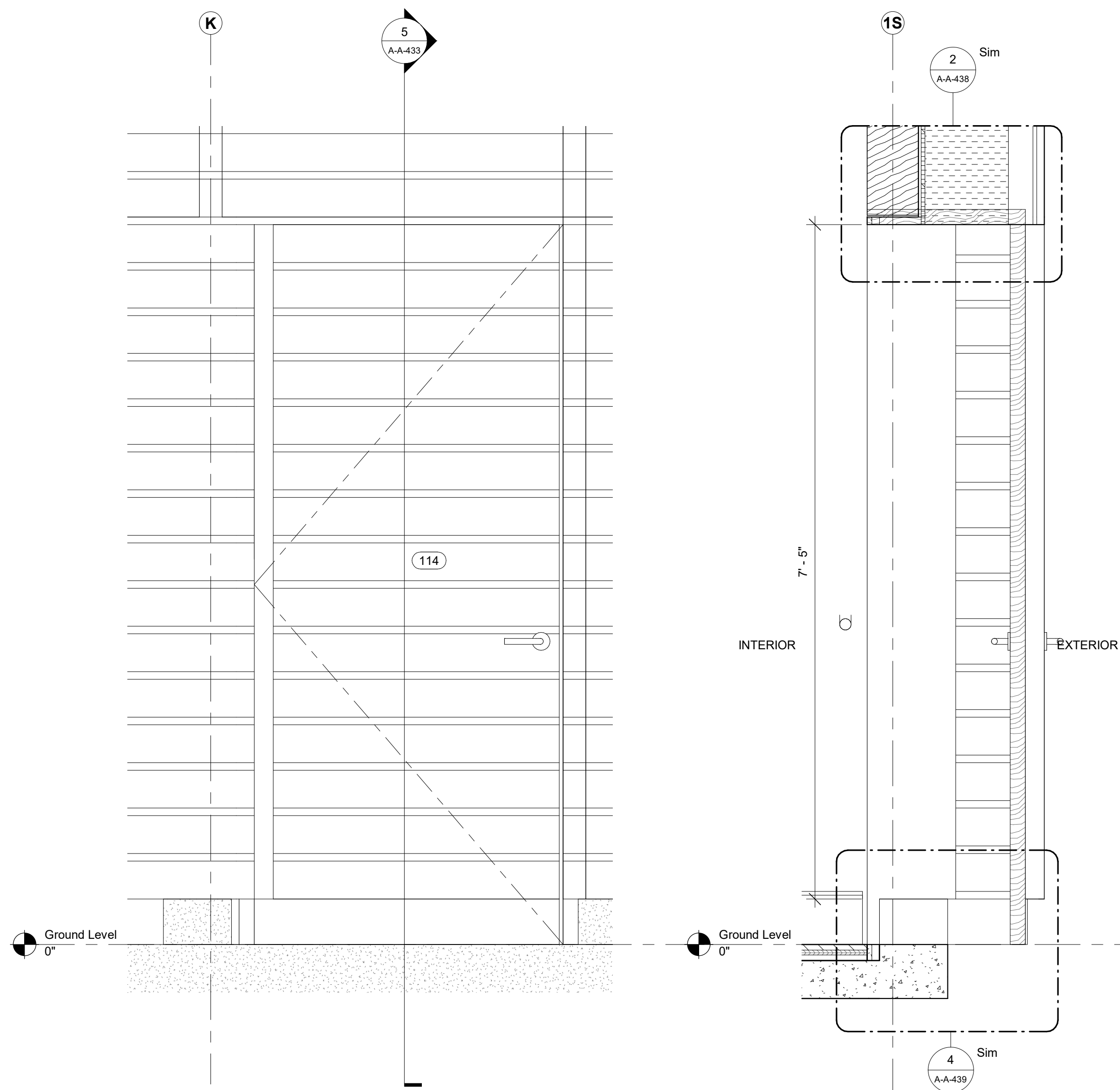
Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Door Details

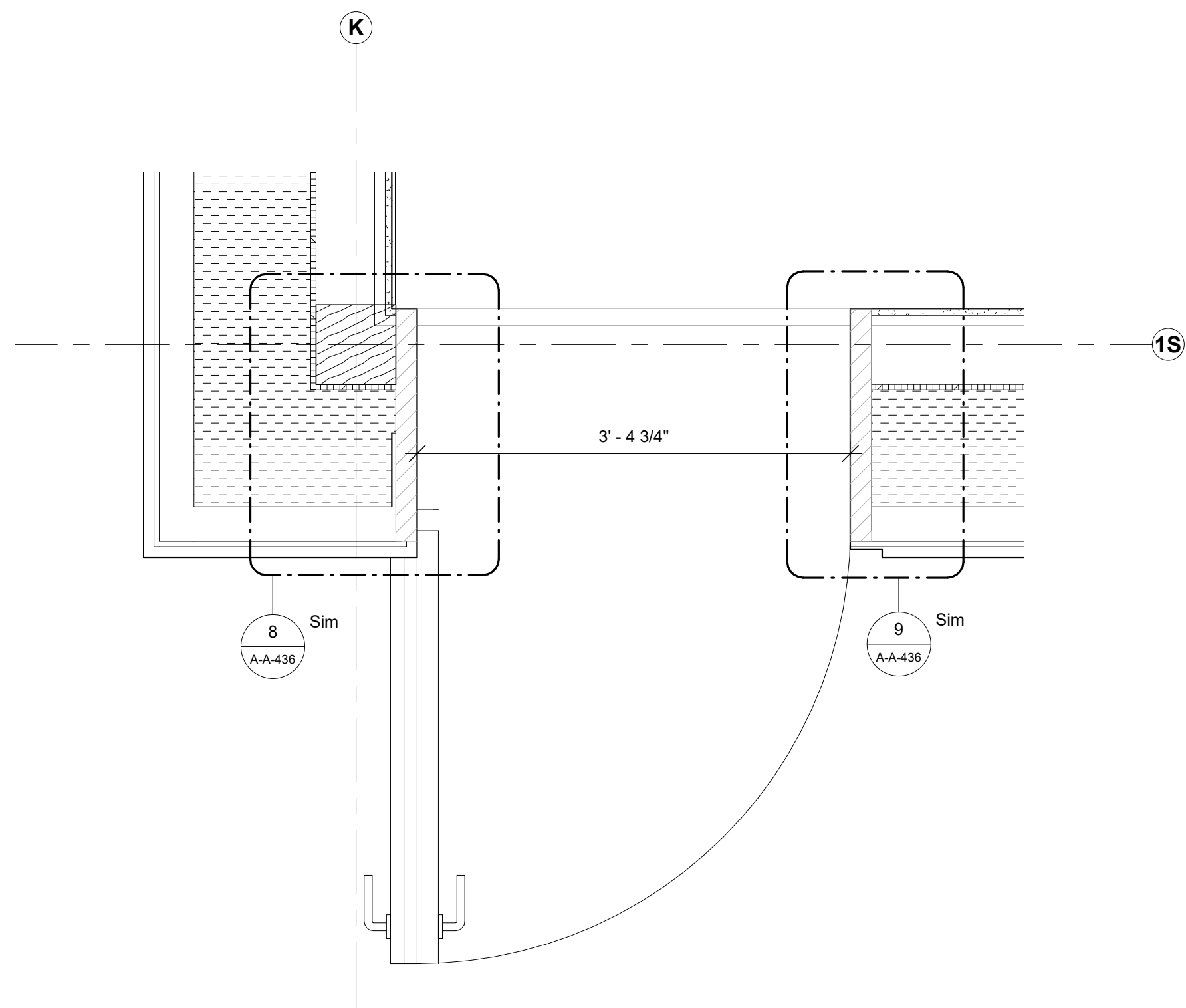
Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-432
Sheet Size	ARCH D

NOTE:
BESPOKE EXTERNAL DOORS WITH
OVERCLADDING TO MATCH FACADE



4 Door Elevation - A4
1" = 1'-0"

5 Door Section - A4
1" = 1'-0"



6 Door - A4
1" = 1'-0"

Keynote Legend

Keynote	Description
---------	-------------

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Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Door Details

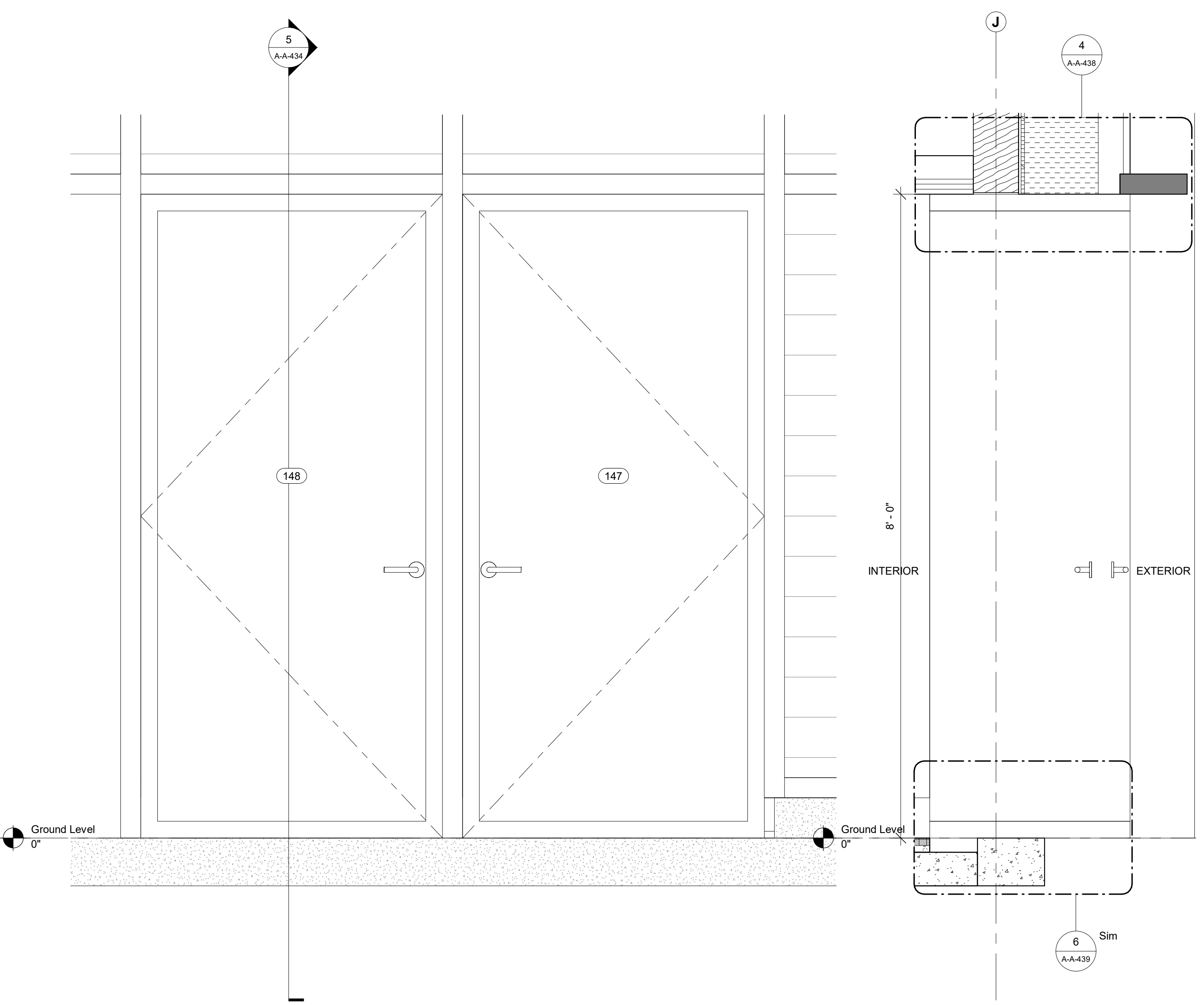
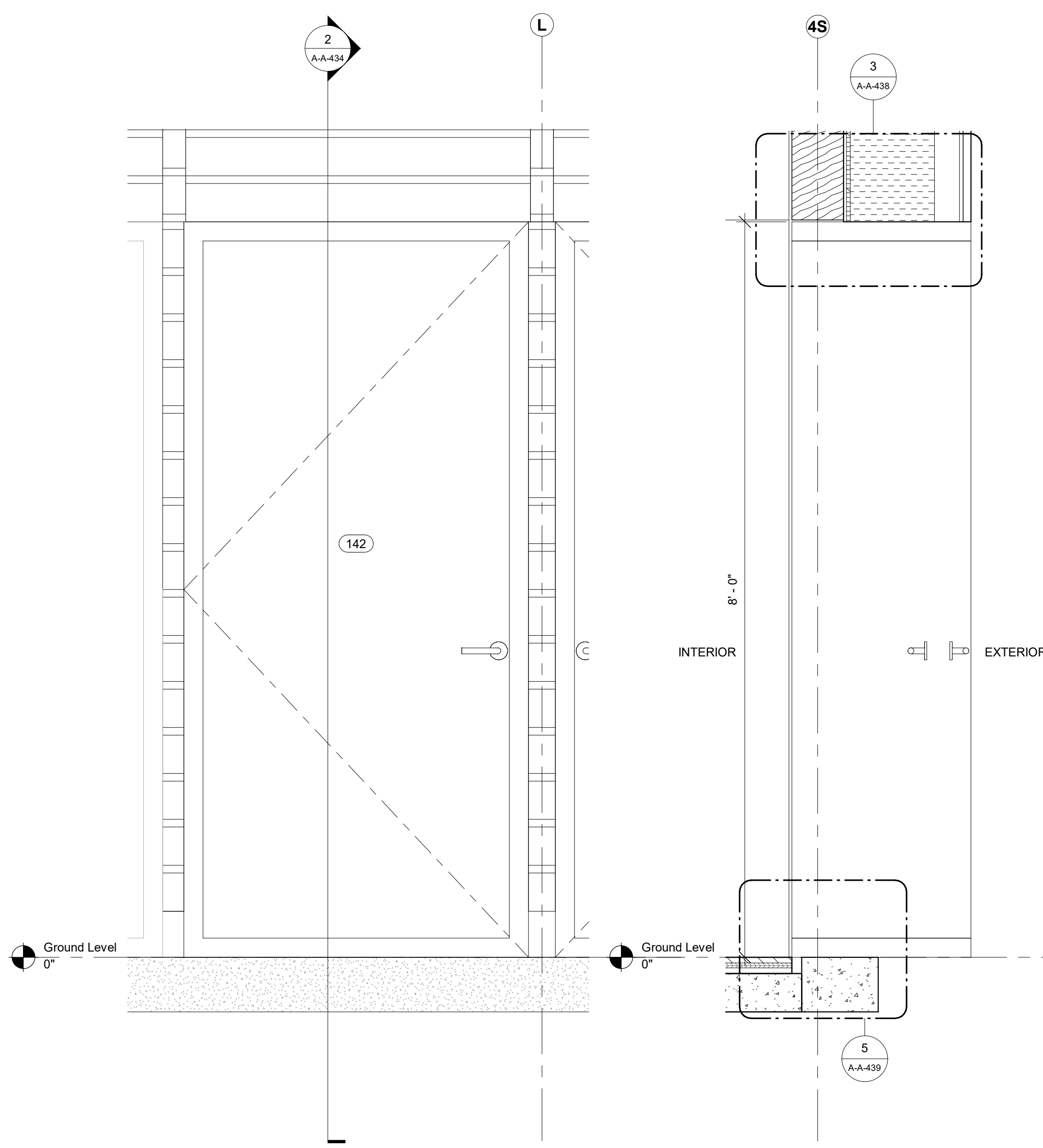
NOTE:
BESPOKE EXTERNAL DOOR WITH
OVERCLADDING TO MATCH FACADE

Date 11/06/20

Scale 1" = 1'-0"

Drawing Number **A-A-433**

Sheet Size ARCH D



Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
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Key Plan

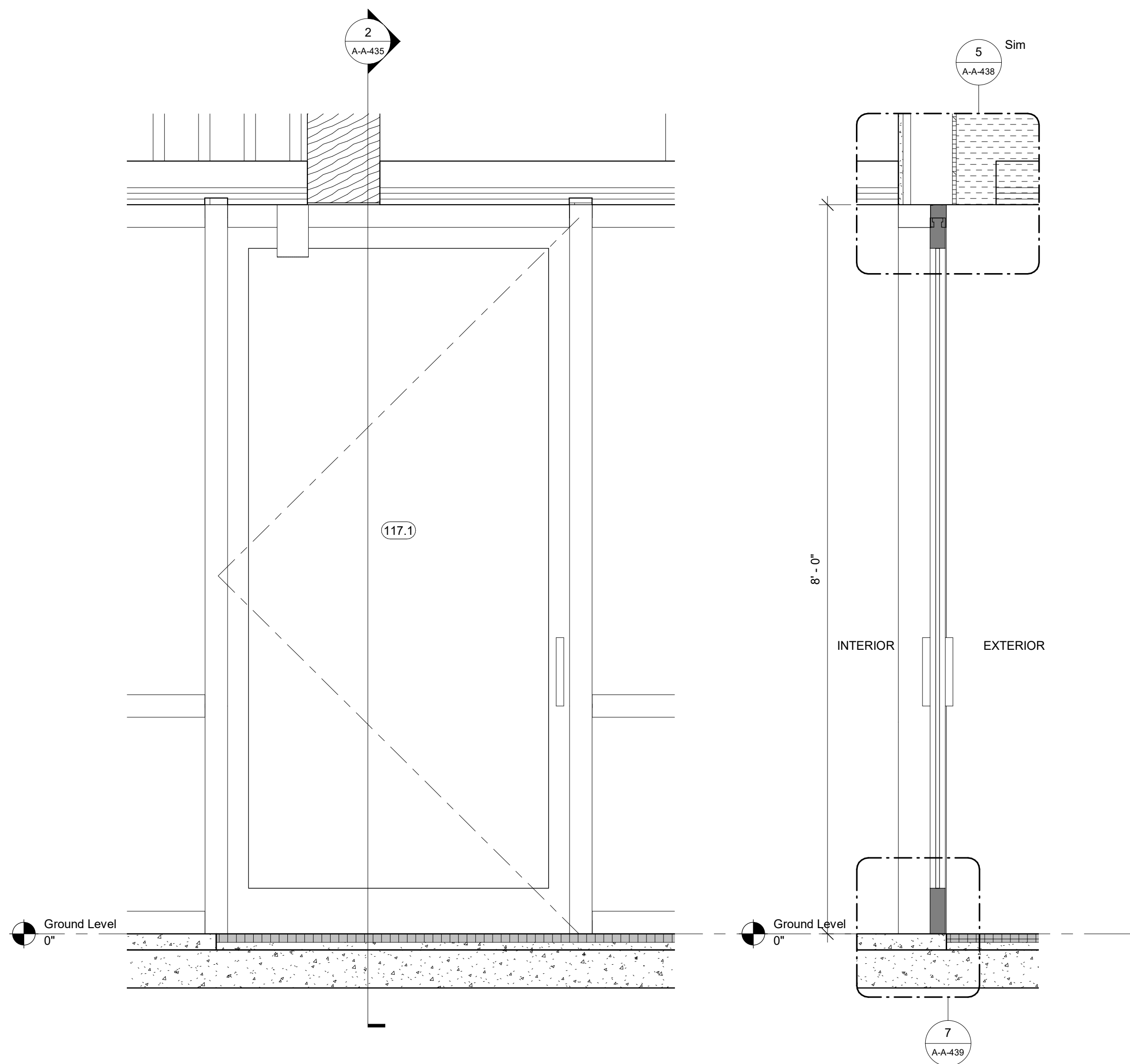
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

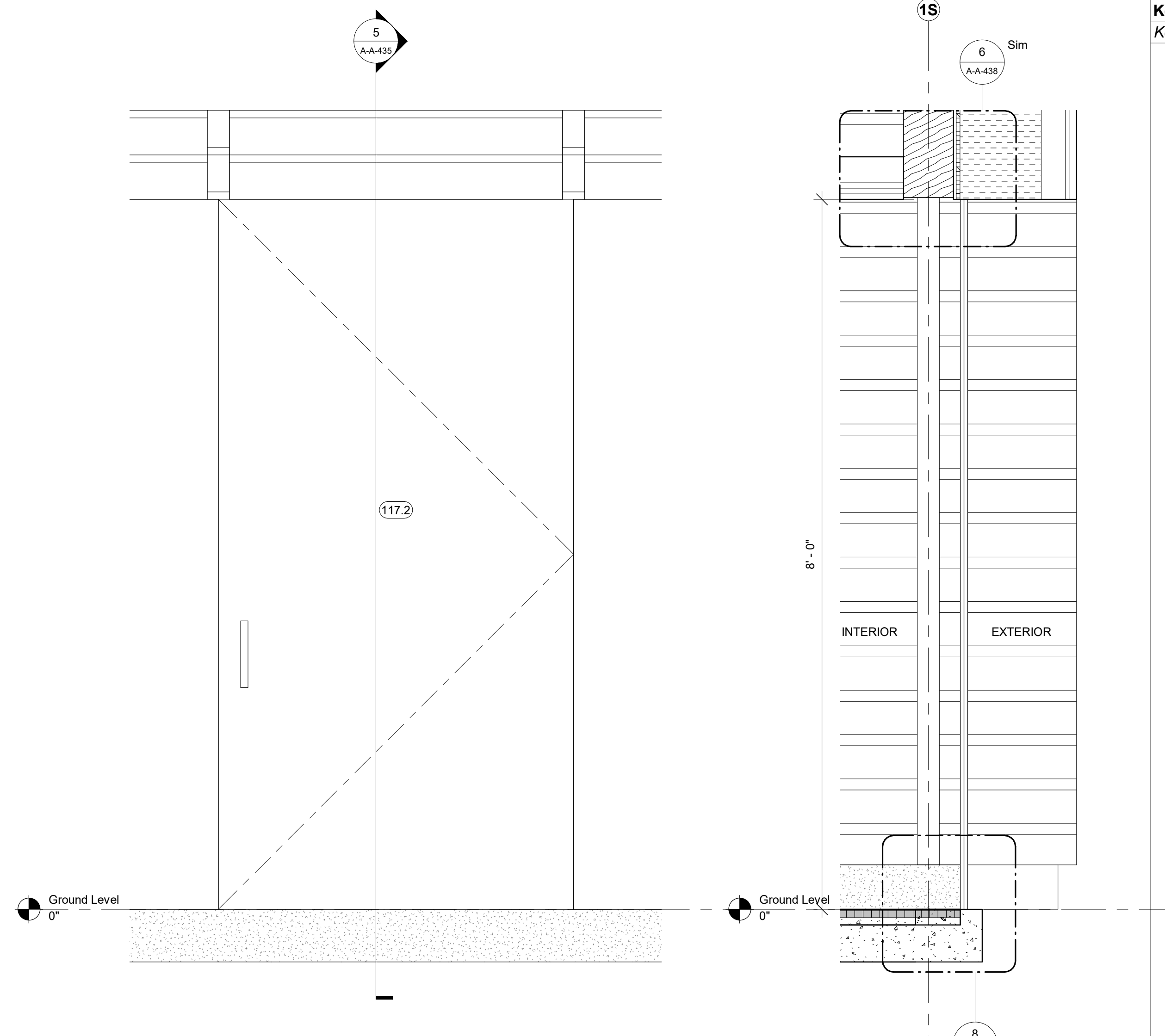
NOT FOR CONSTRUCTION
Drawing Title
Door Details

Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-434
Sheet Size	ARCH D



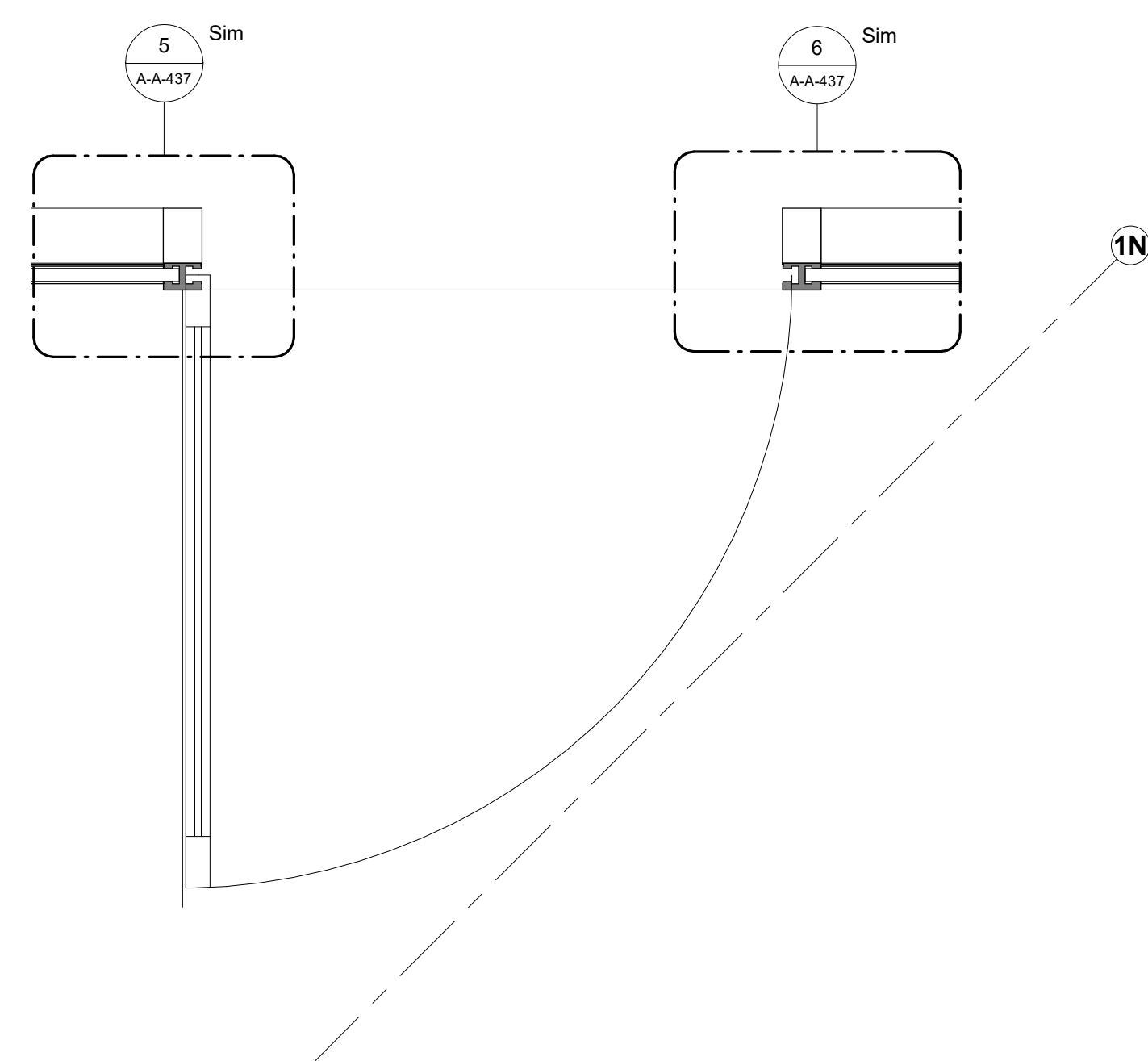
1 Door Elevation - C04
1" = 1'-0"

2 Door Section - C04
1" = 1'-0"

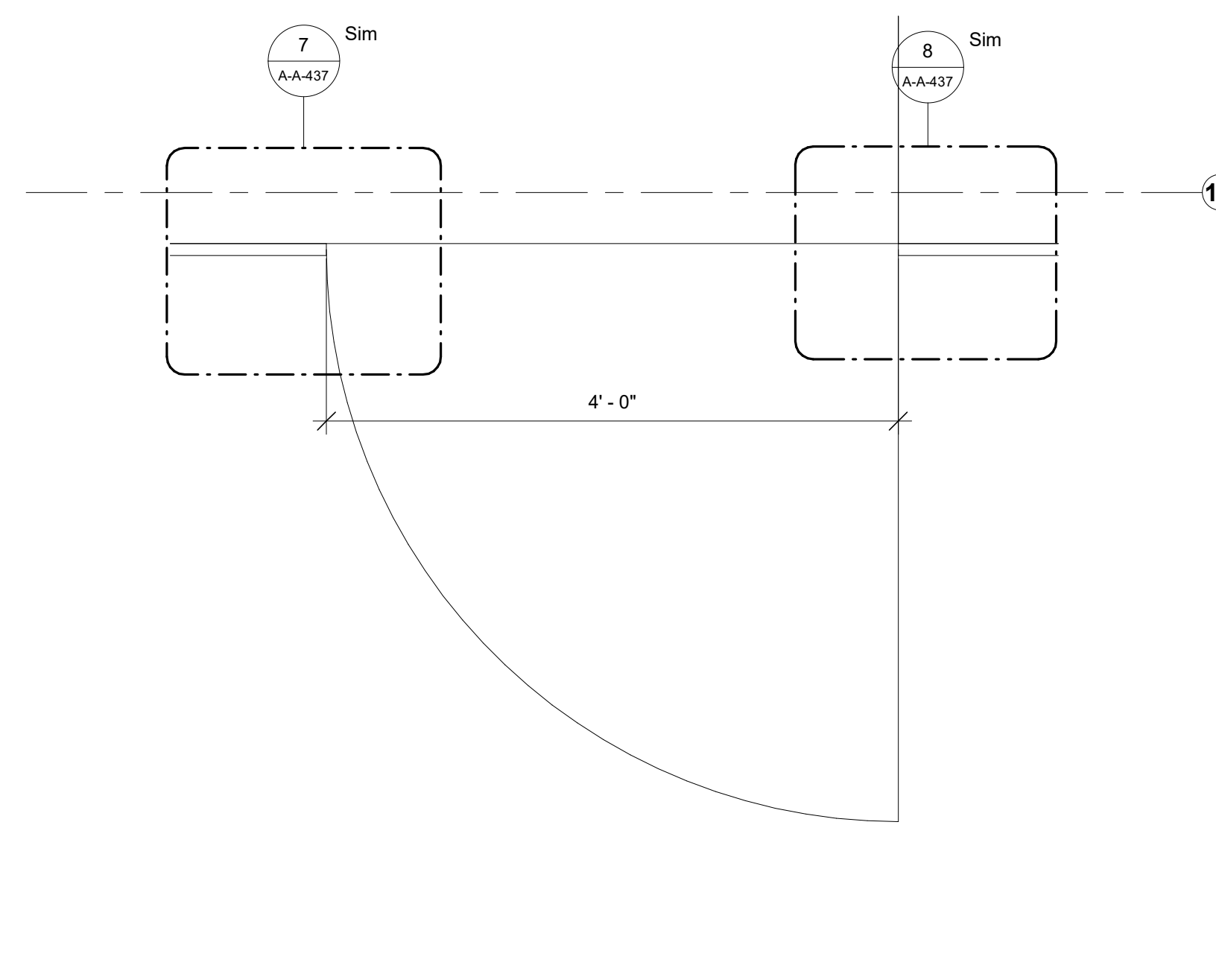


4 Door Elevation - D01
1" = 1'-0"

5 Door Section - D01
1" = 1'-0"



3 Door - C04
1" = 1'-0"



6 Door - D01
1" = 1'-0"

Keynote Legend

Keynote	Description
---------	-------------

Owner
Storm King Art Center
1 Museum Road
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Facade
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100 E. Broadway Street, #501
New York, NY, US 1002
+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

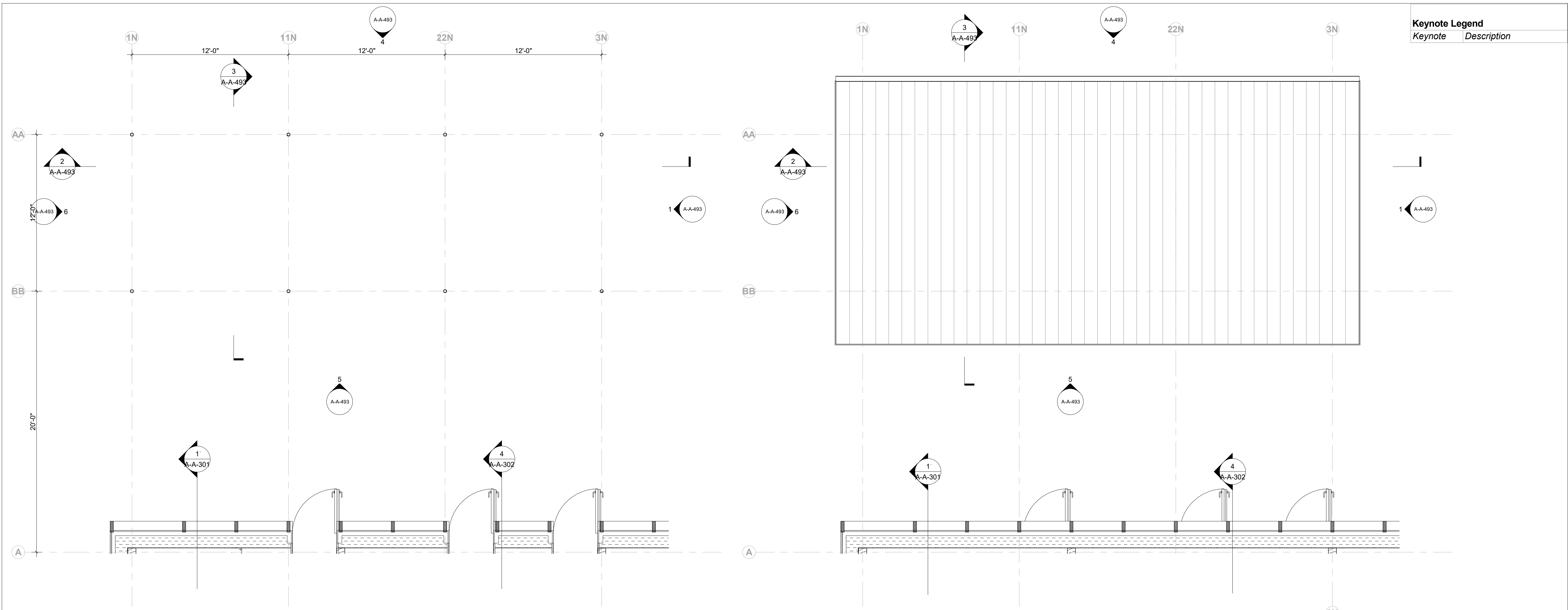
Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Door Details

Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-435
Sheet Size	ARCH D



Keynote Legend	
Keynote	Description

1 Ground Level - Carport
1/4" = 1'-0"

2 Roof Level - Carport
1/4" = 1'-0"

- Owner**
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
+1 (845) 534-3115
- Design Architect**
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14-16 Lord Edward Street
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- Executive Architect**
WXY Architecture + Urban Design
224 Centre Street, 5th Floor
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- Landscape Architect**
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+44 020 7284 8950
- Reed Hilderbrand LLC**
33 Whitney Avenue, 3rd Floor
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+1 (617) 923-2422
- Structural & Lighting**
ARUP
77 Water Street
New York, NY, US 10005
+1 (212) 896-3000
- MEPF & IT**
BuroHappold
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+1 (212) 616-0228
- Civil**
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+1 (347) 788-0810
- Facade**
Front Inc.
100 E. Broadway Street, #501
New York, NY, US 1002
+1 (212) 242-2220
- Key Plan**

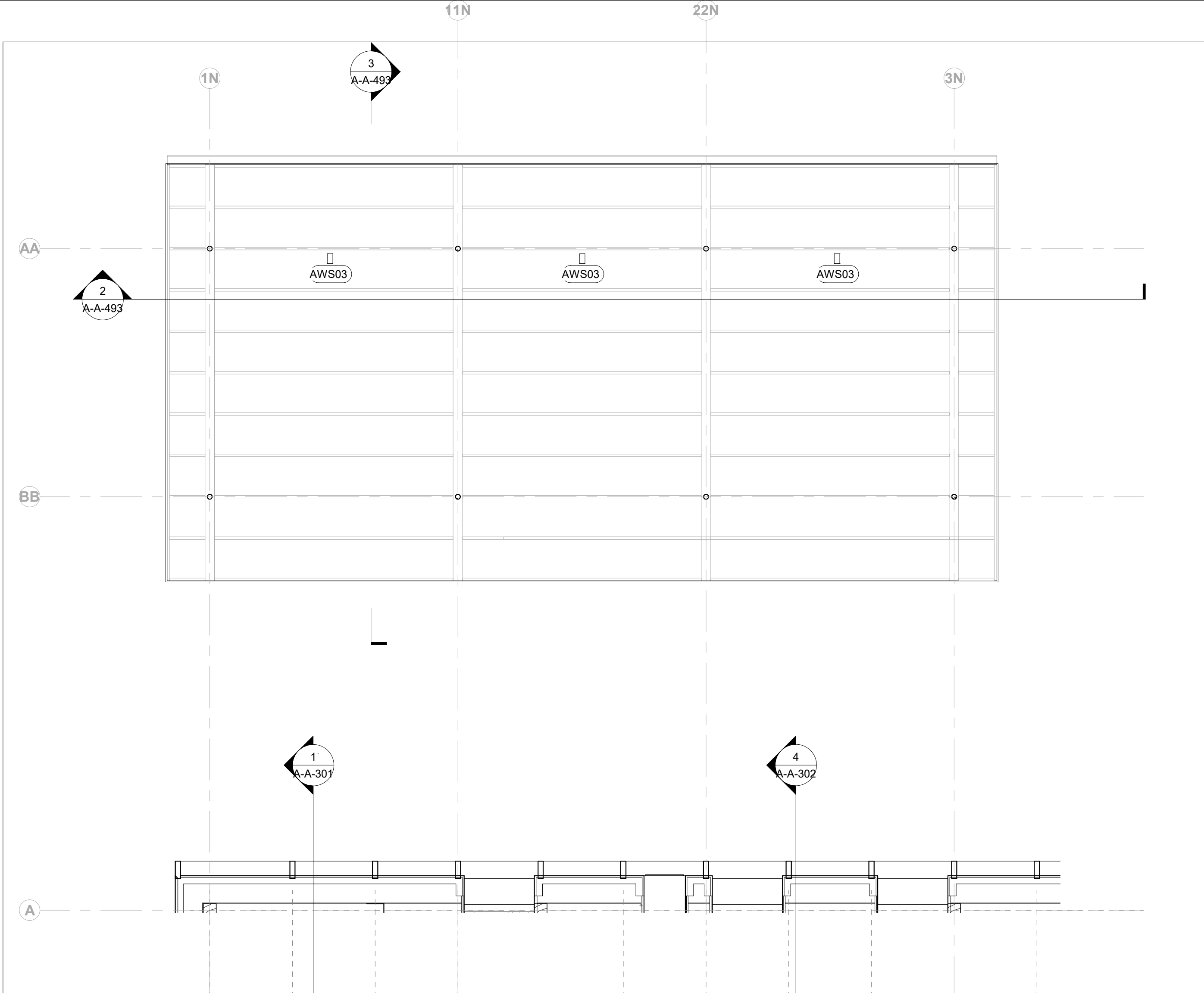
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Carport - Plans

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-491
Sheet Size	ARCH D



1 Ground Level - Carport
1/4" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
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Facade
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Carport - RCP

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-492
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description

Owner
 Storm King Art Center
 1 Museum Road
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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

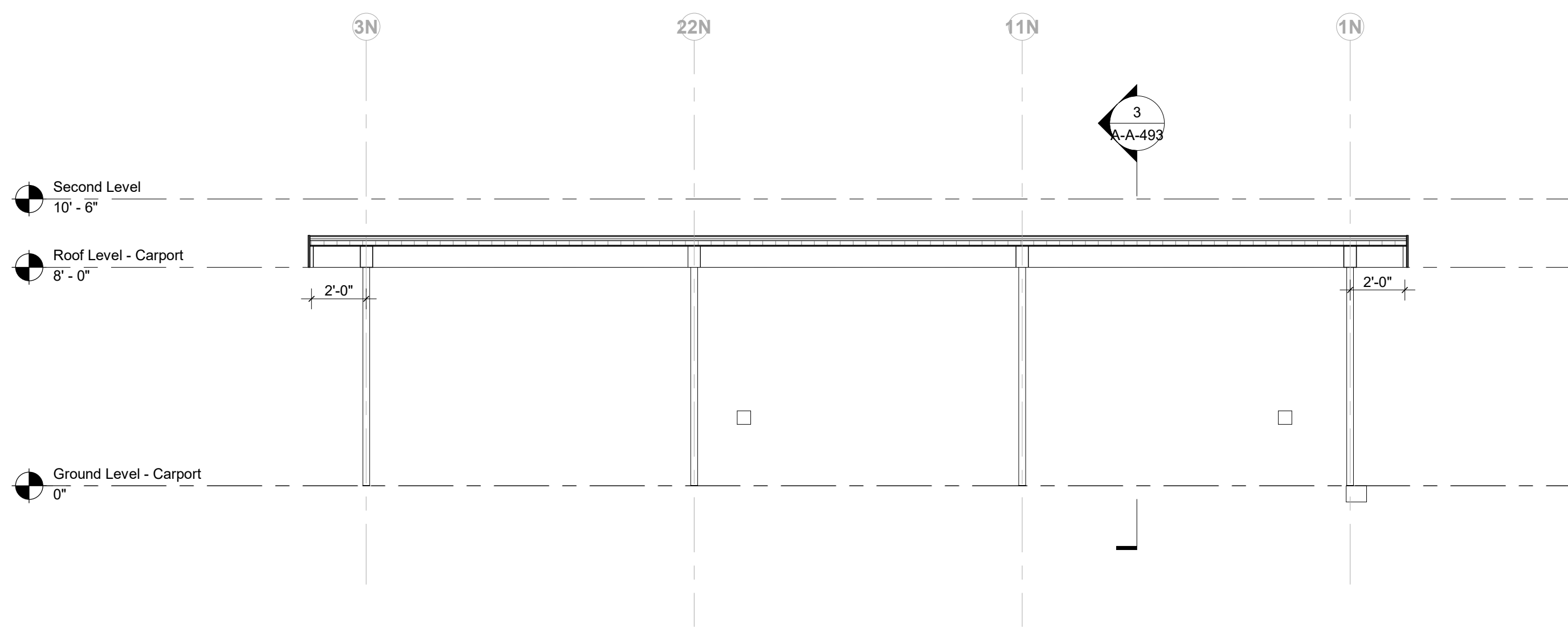
Storm King Art Center Administration Building

Seal

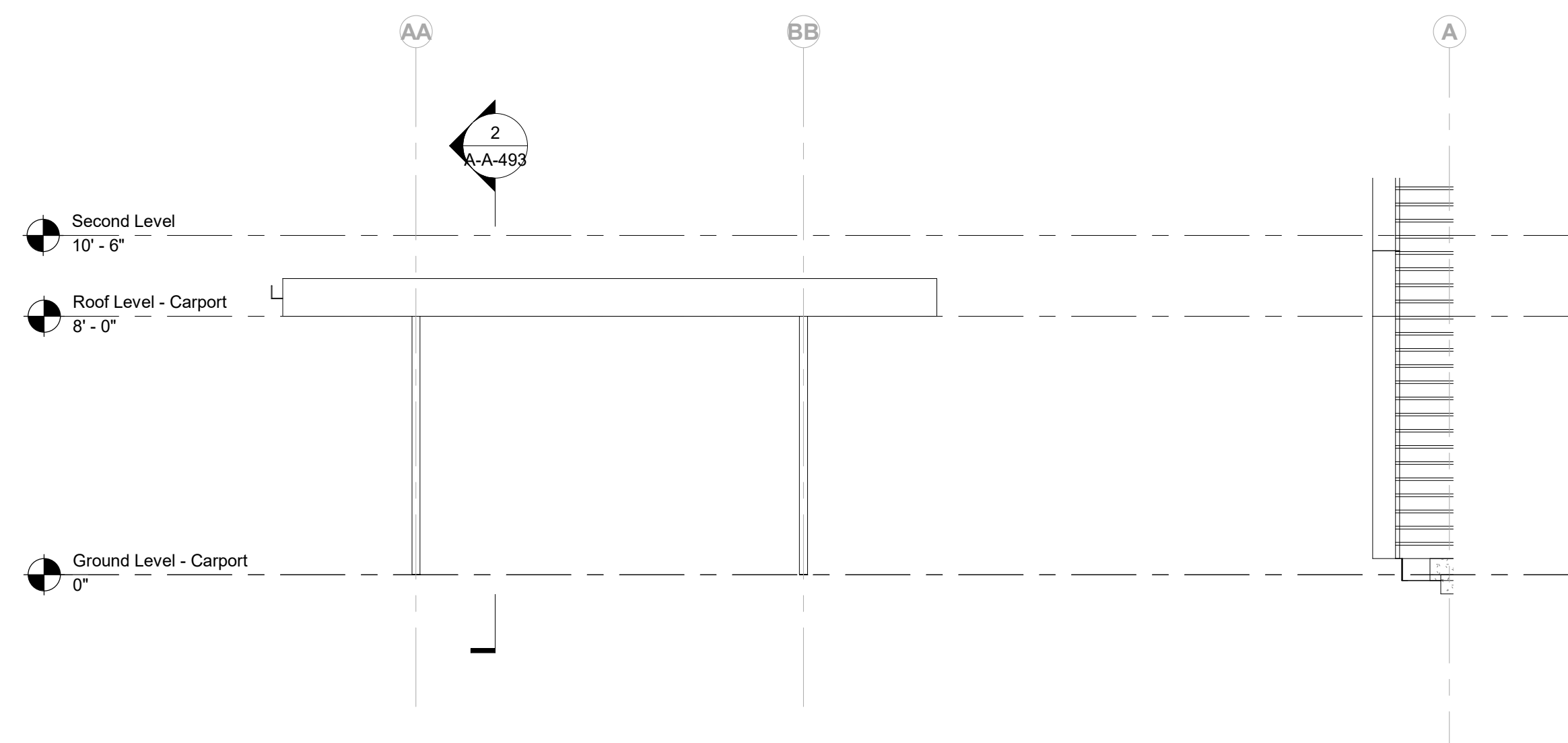
NOT FOR CONSTRUCTION

Drawing Title
 Carport - Elevations
 & Sections

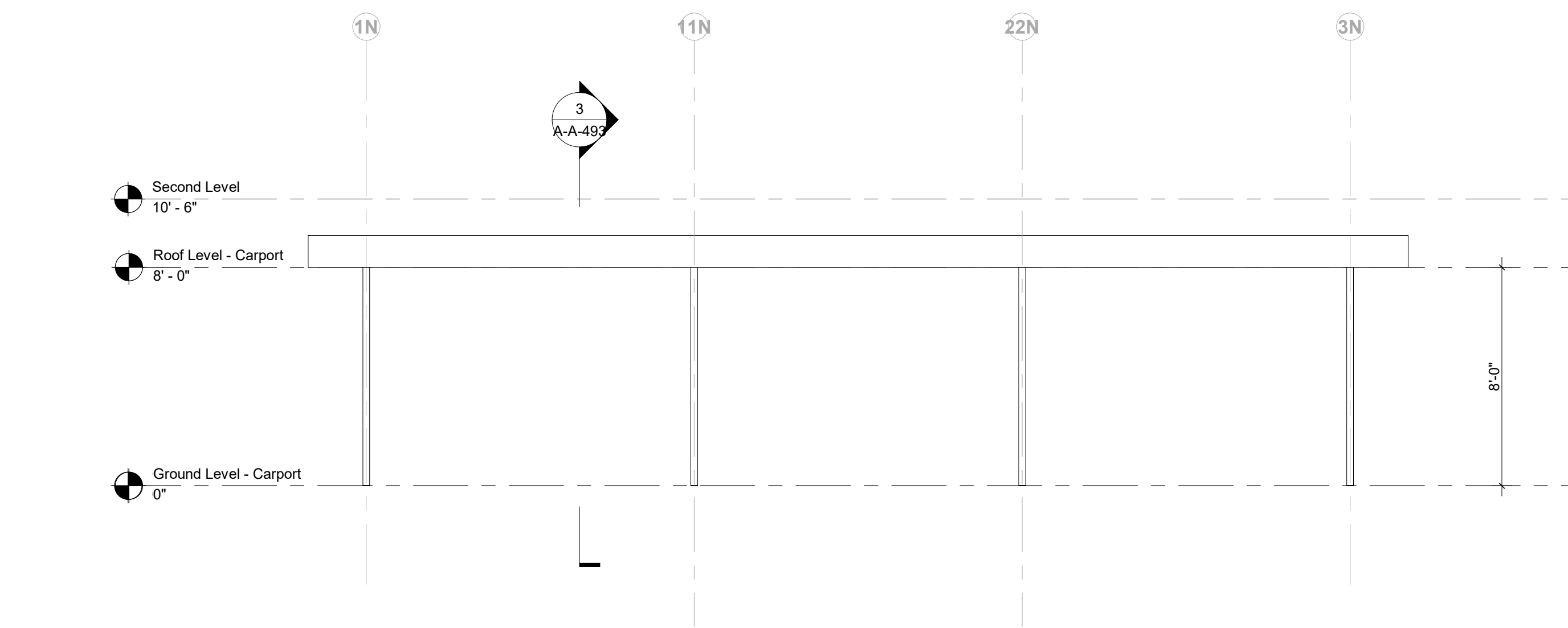
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Sheet Size	ARCH D



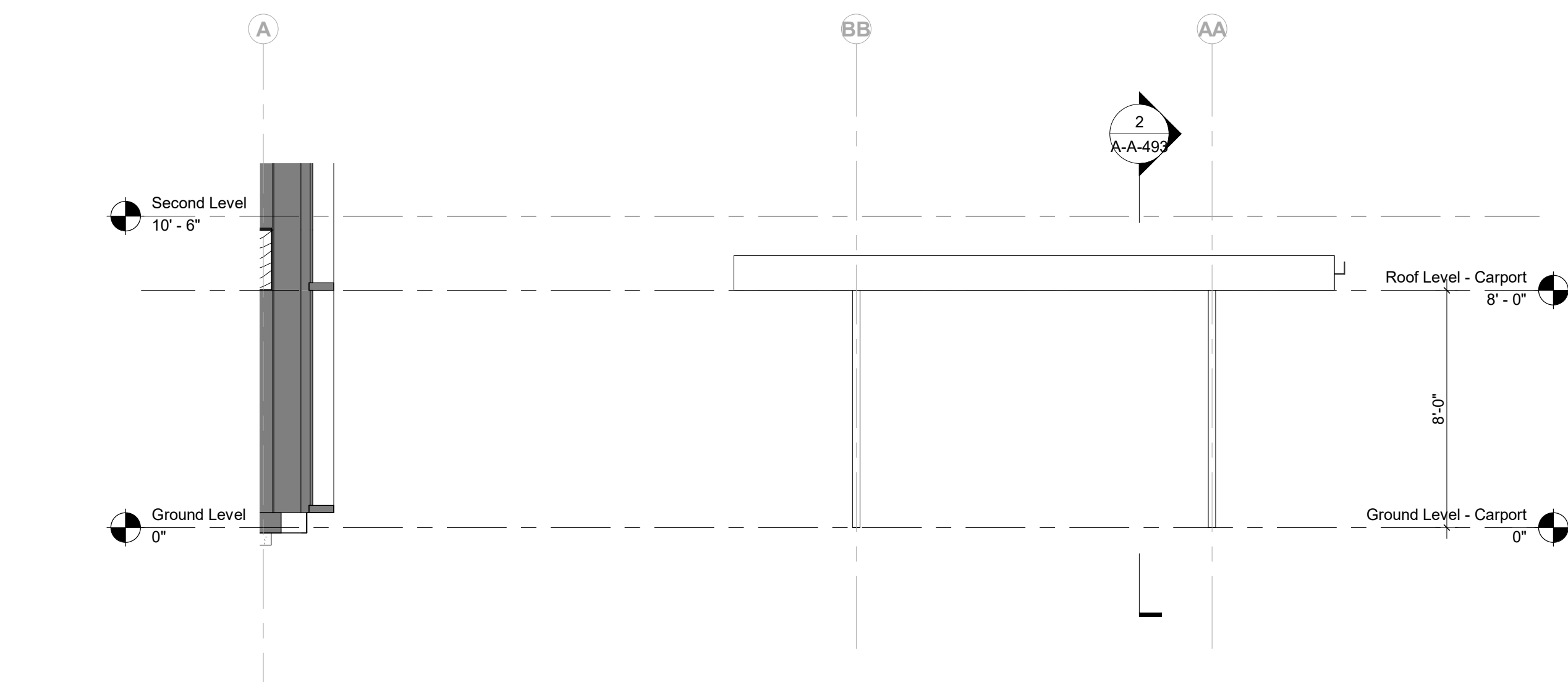
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 1/4" = 1'-0"



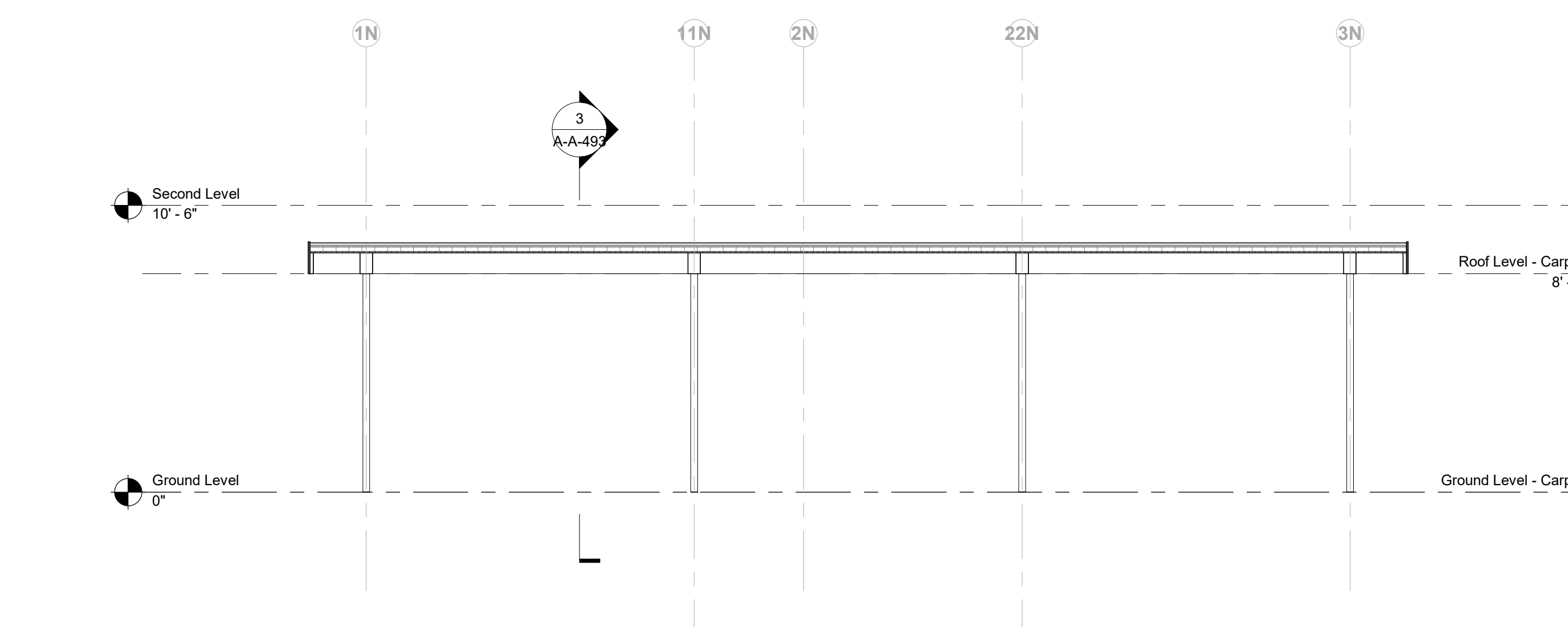
6 Carport - West Elevation
 1/4" = 1'-0"



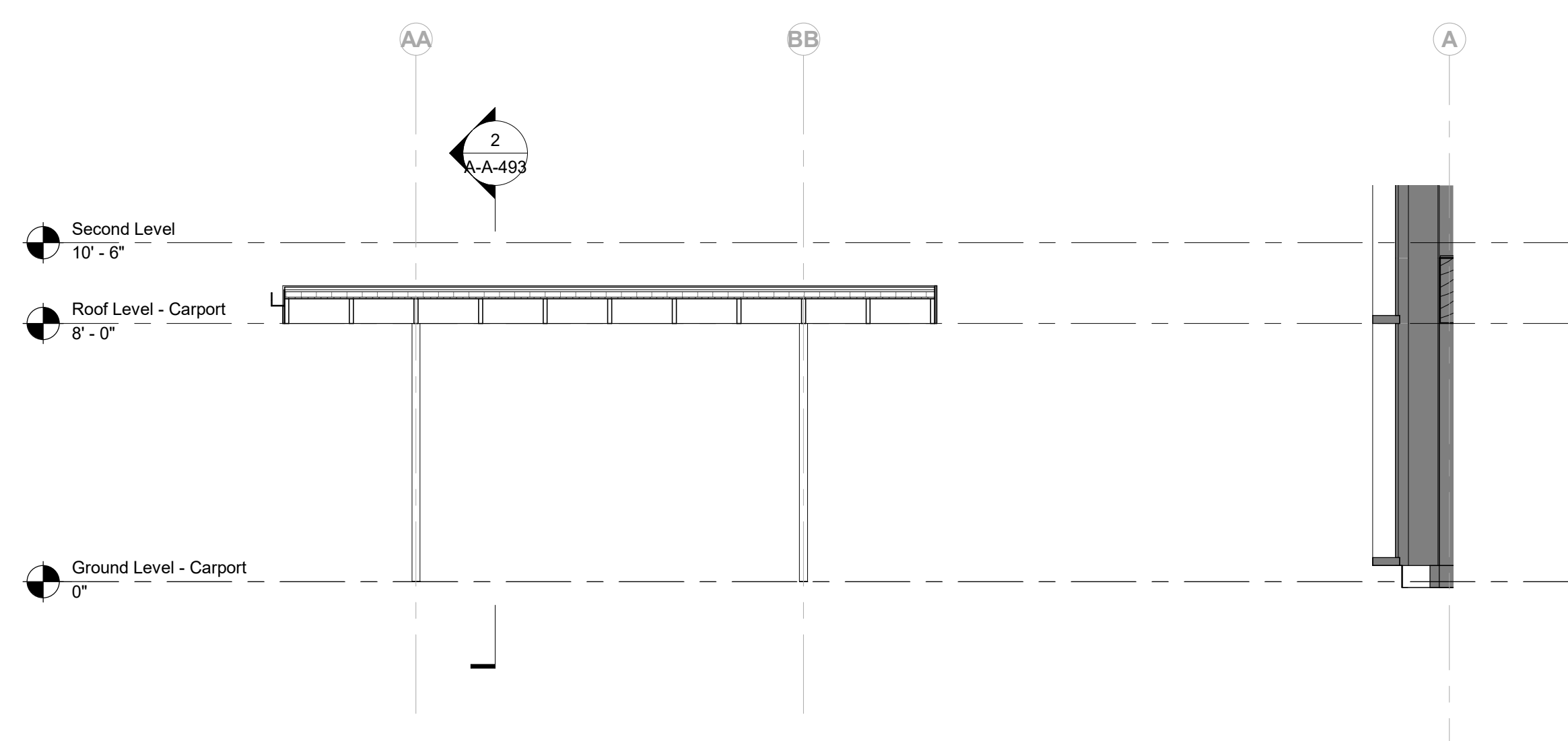
5 Carport - South Elevation
 1/4" = 1'-0"



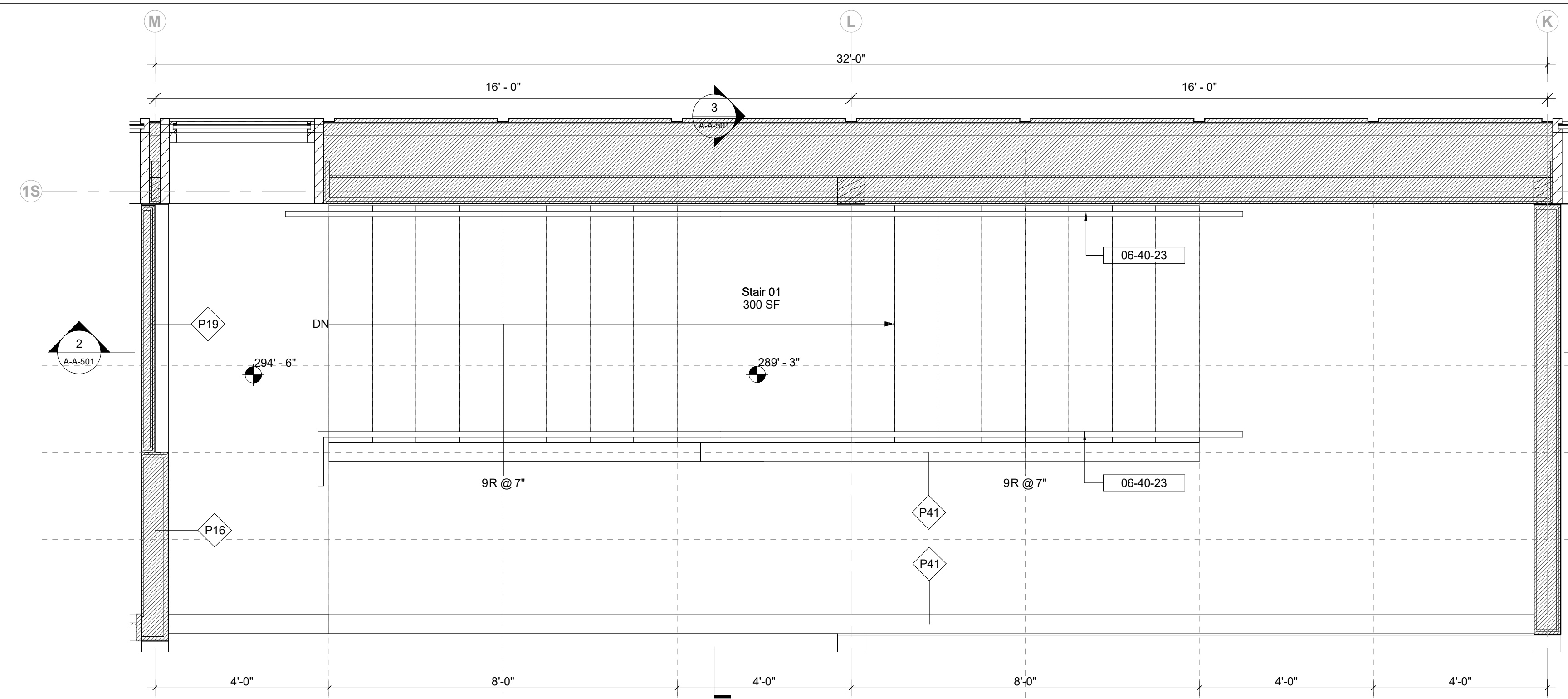
1 Carport - East Elevation
 1/4" = 1'-0"



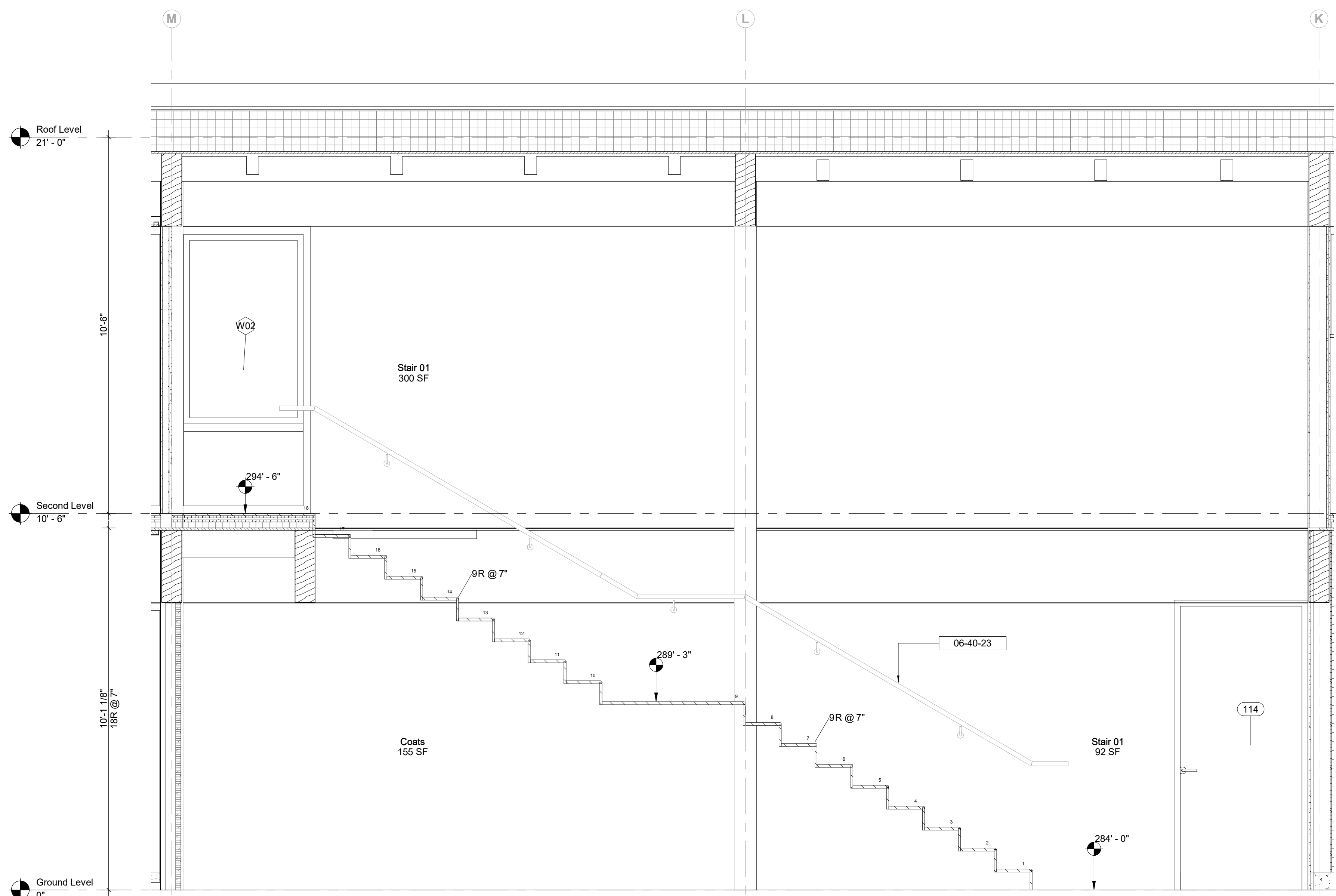
2 Carport - Longitudinal Section A
 1/4" = 1'-0"



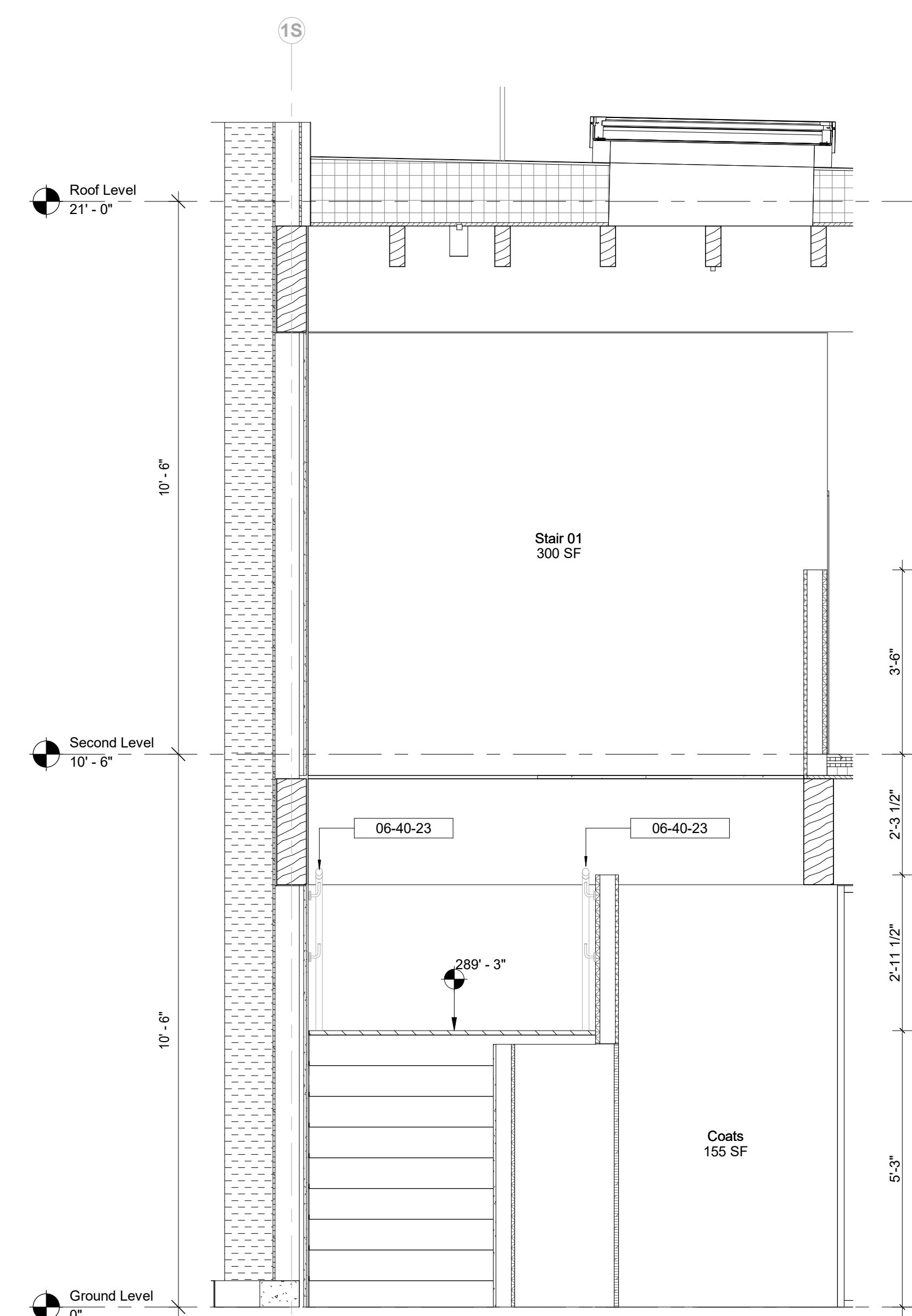
3 Carport - Transverse Section A
 1/4" = 1'-0"



1 Stair 01 - Plan
1/2" = 1'-0"



2 Stair 01 - Section A
1/2" = 1'-0"



3 Stair 01 - Section B
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
06-40-23	Architectural Woodwork

NOTE:
 BESPOKE INTERNAL OAK WOOD STAIRCASE WITH WOOD SUBSTRUCTURE.
 OAK WOOD TREADS AND INTEGRAL RISERS TO MATCH OAK WOOD FLOORING.
 NOSING: INSET ANTI-SLIP METAL NOSING.
 HANDRAIL: 1 1/2" DIAMETER OAK WOOD HANDRAIL FIXED TO SS WALL MOUNTED BRACKETS W/ CONCEALED FIXINGS.
 WOOD SUBSTRUCTURE TO SPAN FROM WALL TO WALL AS PER STRUCTURAL ENGINEERS DRAWINGS.

Owner
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Key Plan

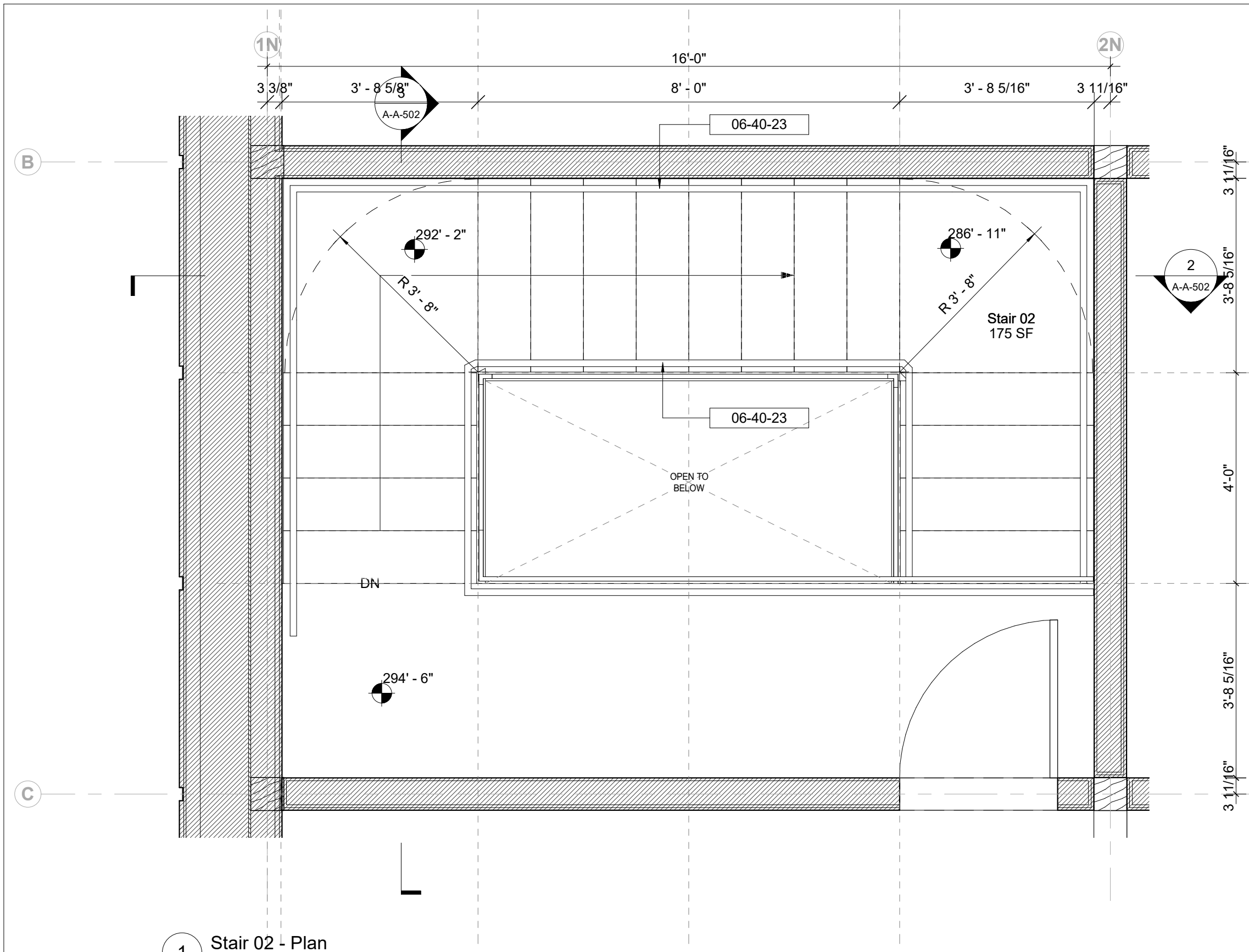
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

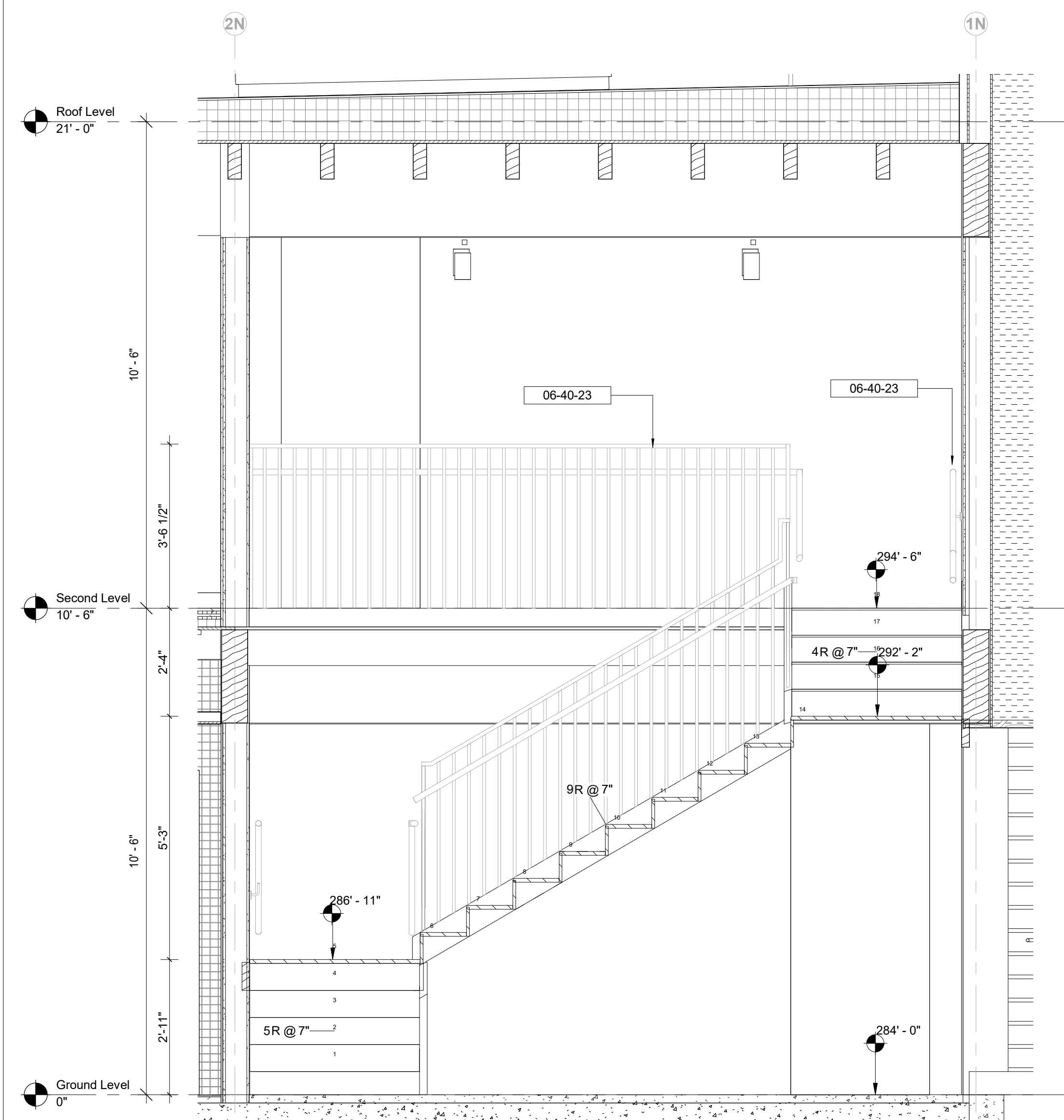
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Stair Details - Stair 01

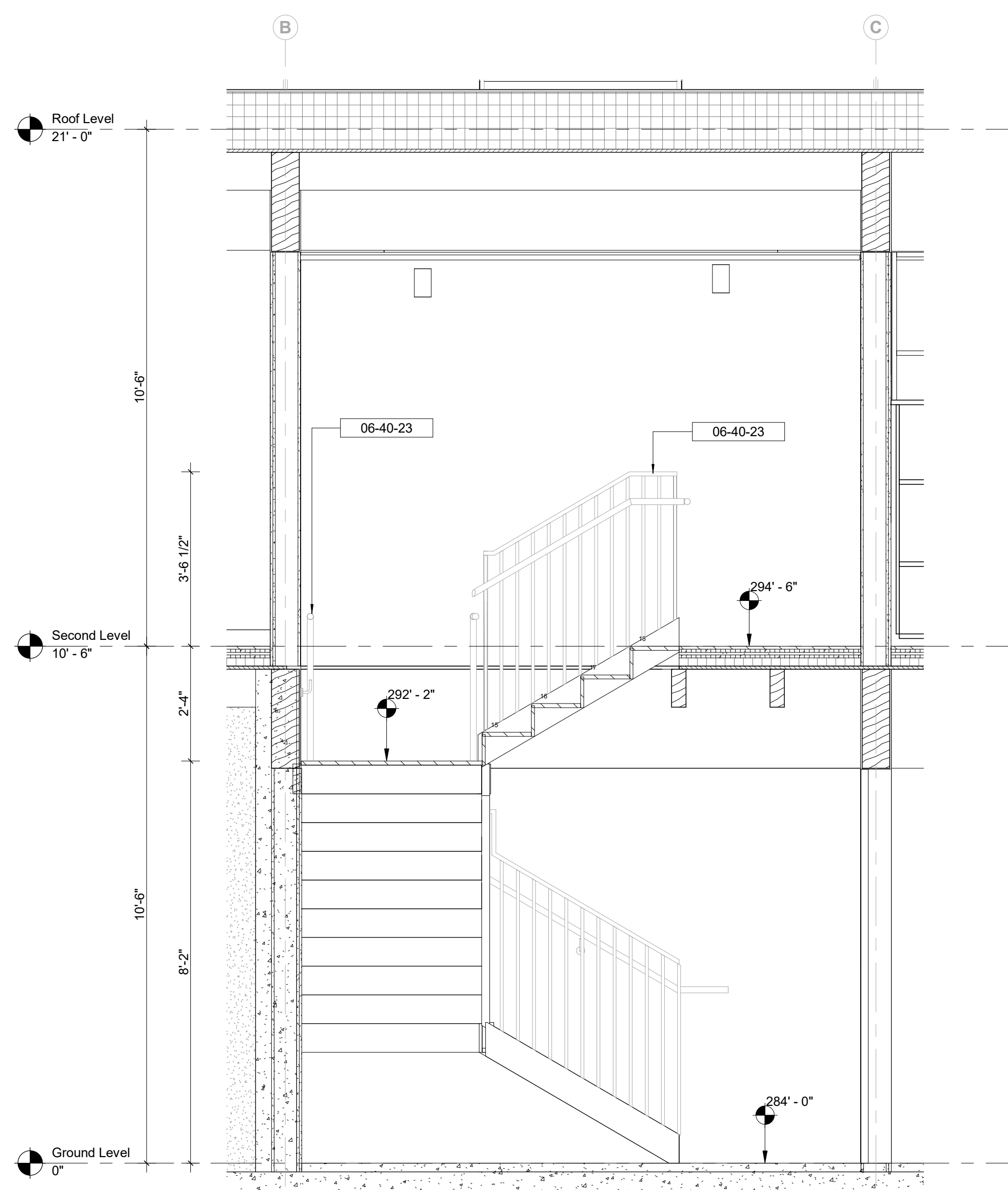
Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-501
Sheet Size	ARCH D



1 Stair 02 - Plan
1/2" = 1'-0"



2 Stair 02 - Section A
1/2" = 1'-0"



3 Stair 02 - Section B
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
06-40-23	Architectural Woodwork

NOTE:
 BESPOKE INTERNAL OAK WOOD STAIRCASE WITH WOOD SUBSTRUCTURE.
 OAK WOOD TREADS AND INTEGRAL RISERS TO MATCH OAK WOOD FLOORING.
 NOSING: INSET ANTI-SLIP METAL NOSING.
 HANDRAIL: 1 1/2" DIAMETER OAK WOOD HANDRAIL FIXED TO SS WALL/BALUSTRADE MOUNTED BRACKETS W/ CONCEALED FIXINGS.
 WOOD SUBSTRUCTURE TO SPAN FROM WALL TO STRINGER AS PER STRUCTURAL ENGINEERS DRAWINGS.
 BALUSTRADE COMPRISING OF OAK WOOD UPRIGHTS & TOP RAIL FIXED TO OAK WOOD STRINGER.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Stair Details - Stair 02

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-502
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

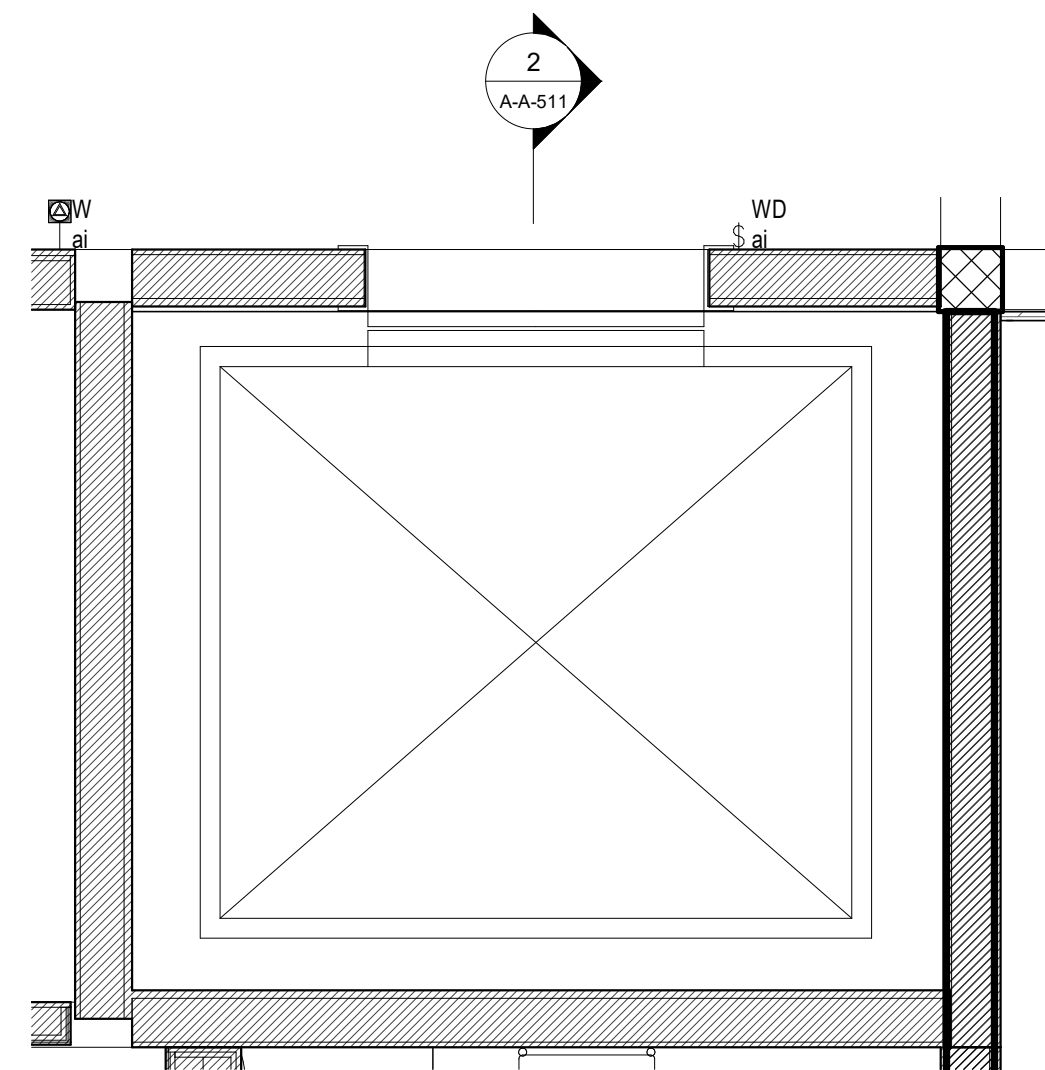
Storm King Art Center Administration Building

Seal

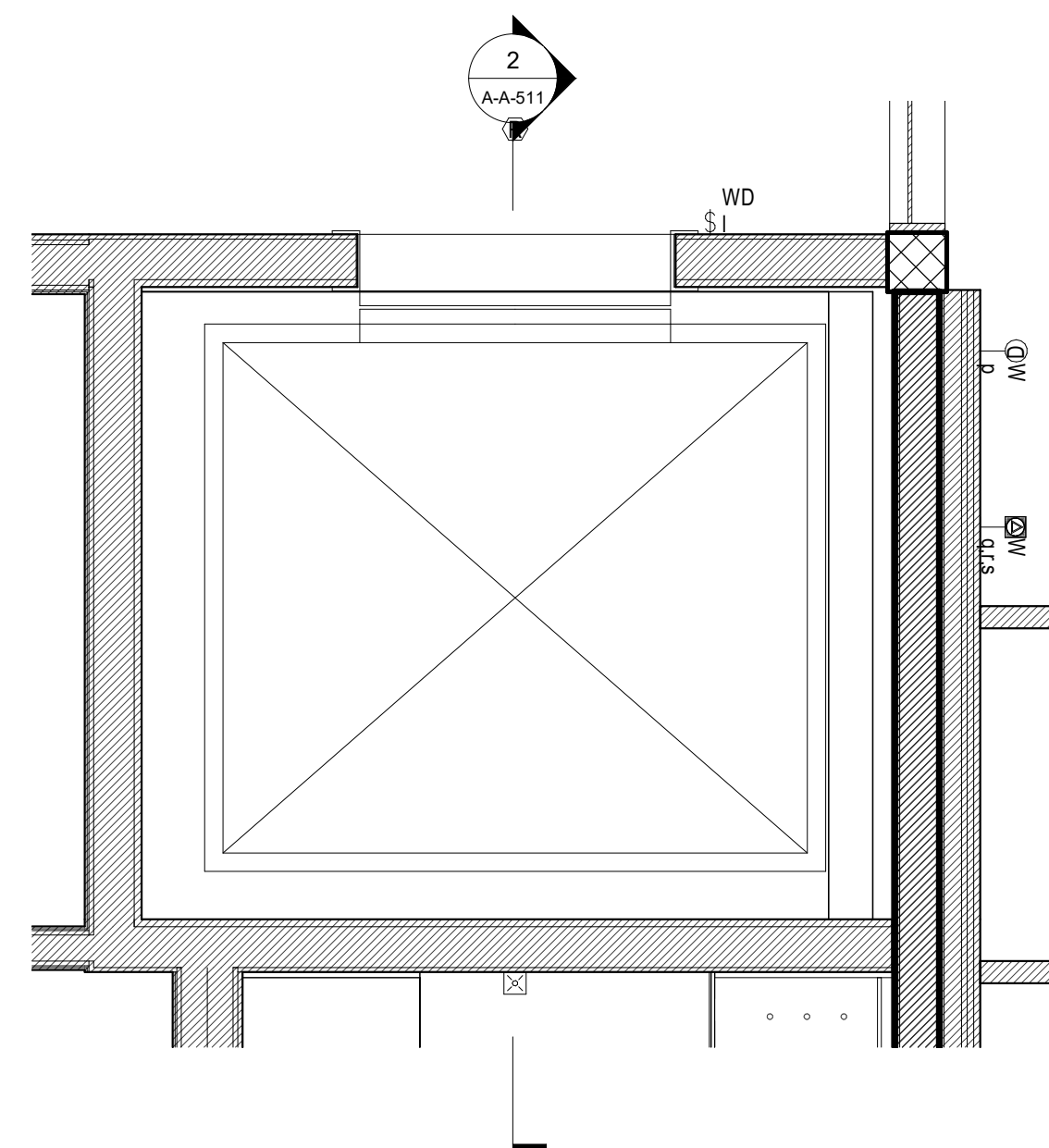
NOT FOR CONSTRUCTION

Drawing Title
 Elevator Details

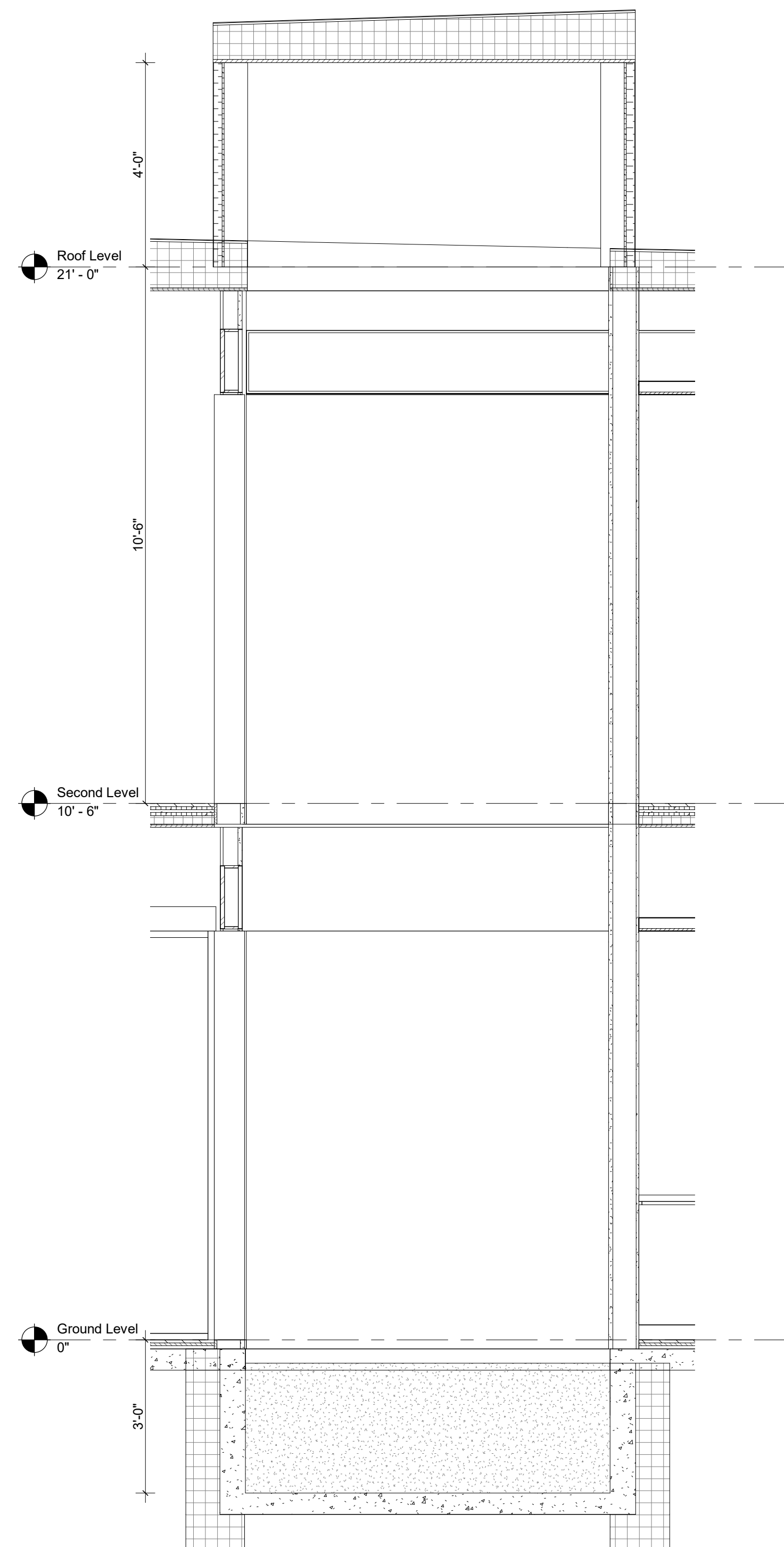
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Scale	1/2" = 1'-0"
Drawing Number	A-A-511
Sheet Size	ARCH D



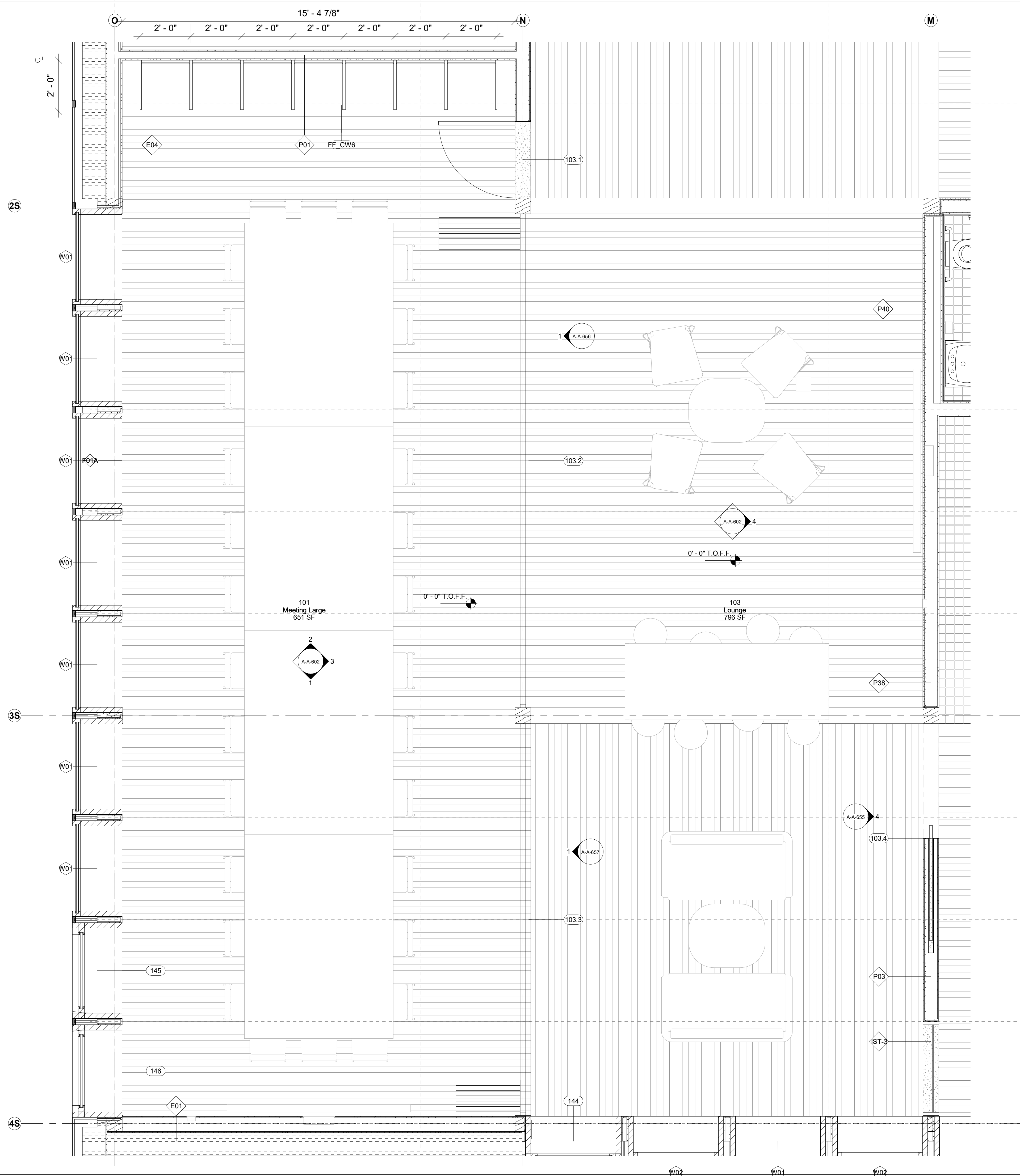
1 Elevator Plan - Second Level
 1/2" = 1'-0"



3 Elevator Plan - Ground Level
 1/2" = 1'-0"



2 Elevator - Section A
 1/2" = 1'-0"



1 101 - Meeting Large
1/2" = 1'-0"

Keynote Legend

Keynote	Description
E04	Window
P01	Door
FF_CW6	Furniture
103.1	Room
103.2	Room
103.3	Room
103.4	Room
P40	Door
P38	Door
P03	Door
IST-3	Structural
144	Room
145	Room
146	Room
E01	Window
AA-601	Section
AA-602	Section
AA-656	Section
AA-657	Section
AA-658	Section

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Key Plan

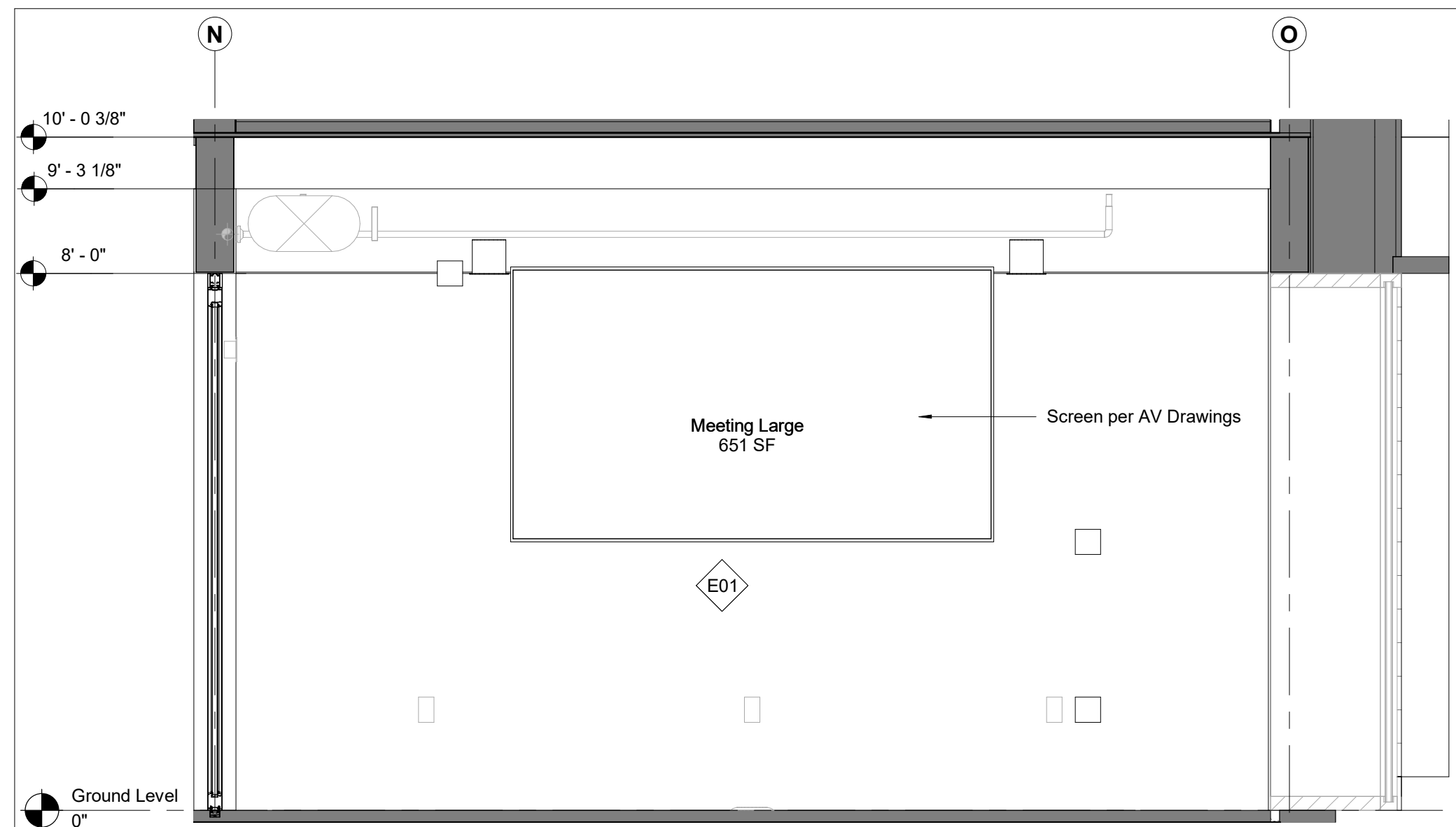
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

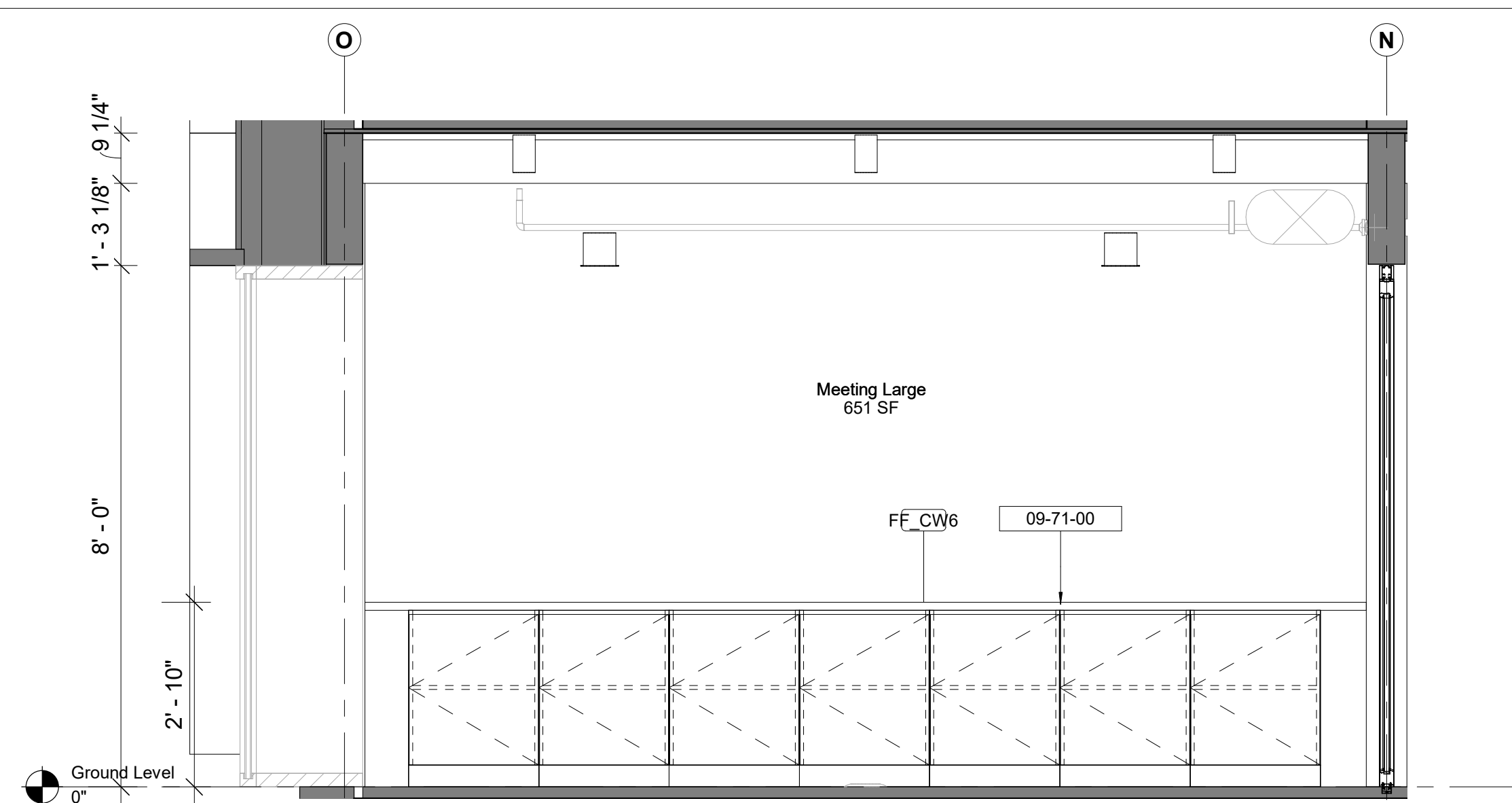
Seal

NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 101,
103

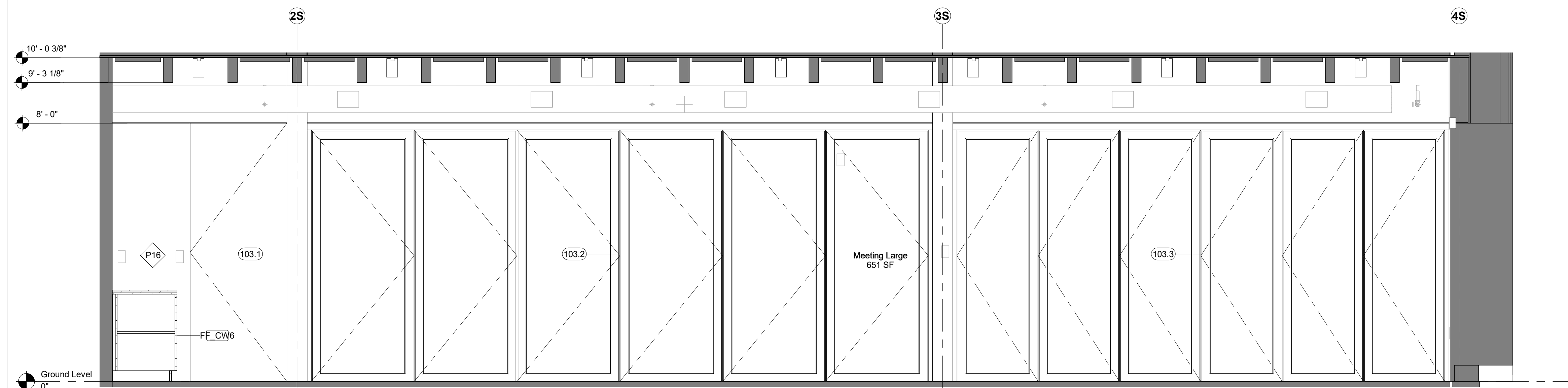
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Scale	1/2" = 1'-0"
Drawing Number	A-A-601
Sheet Size	ARCH D



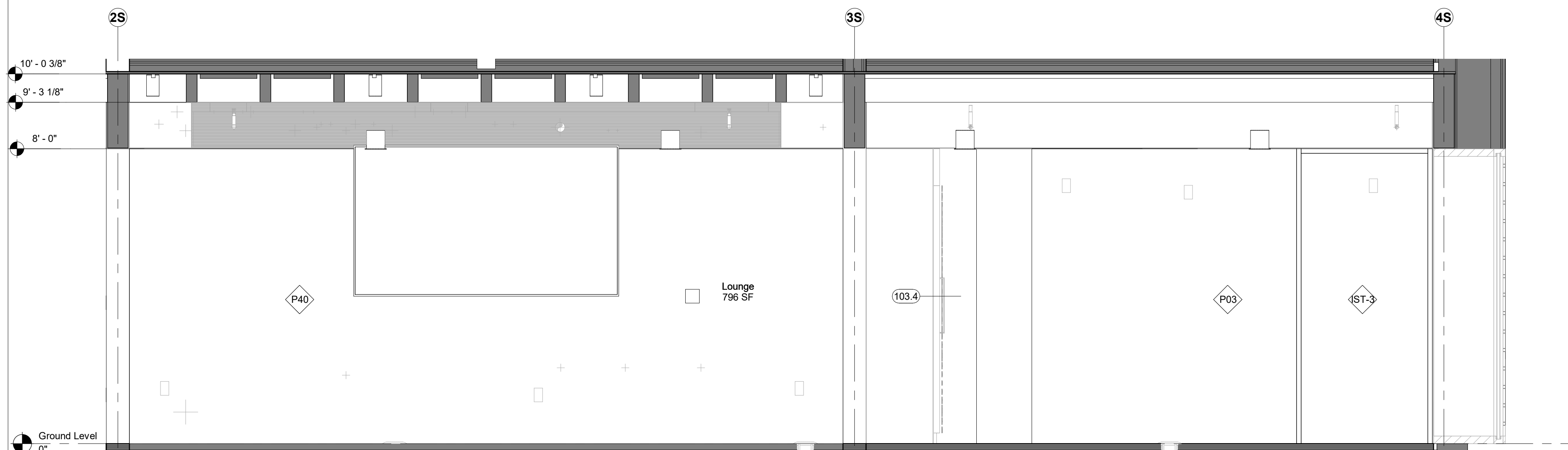
1 - 101 - Meeting Large - East Elevation
1/2" = 1'-0"



2 - 101 - Meeting Large - West Elevation
1/2" = 1'-0"



3 - 101 - Meeting Large - North Elevation
1/2" = 1'-0"



4 - 103 - Lounge - North Elevation
1/2" = 1'-0"

Keynote Legend

Keynote	Description
09-71-00	Custom White Oak Veneer Ply

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

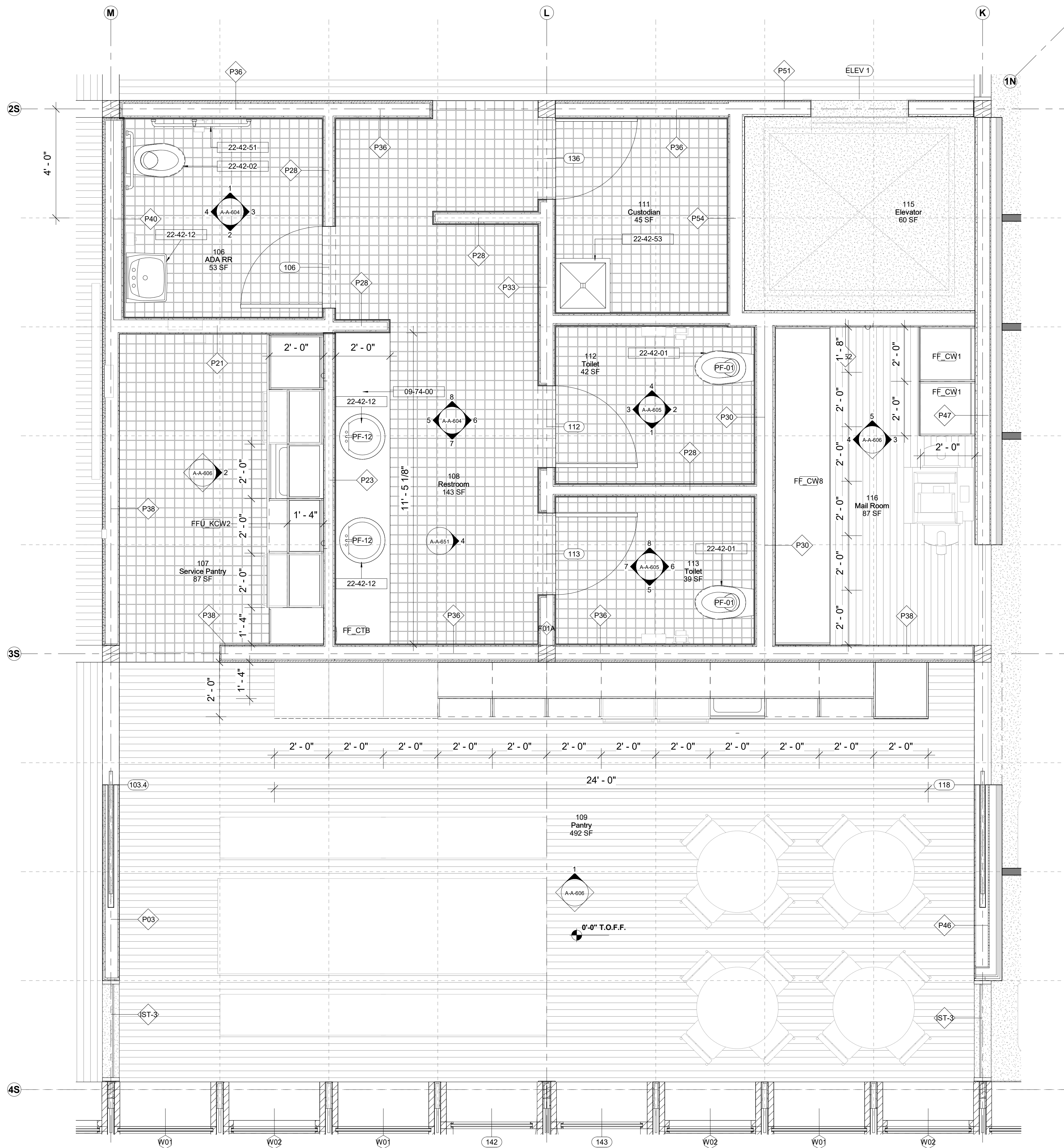
Drawing Title
**Interior Elevations -
101, 103**

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

Date	11/06/20
Scale	1/2" = 1'-0"

Drawing Number	A-A-602
Sheet Size	ARCH D



1 106, 107, 108, 109, 111, 112, 113, 116
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
09-74-00	Solid Surface
22-42-01	WC Toilet
22-42-02	ADA Toilet
22-42-12	ADA WHB
22-42-51	ADA Grab Rails
22-42-53	Mop Sink

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

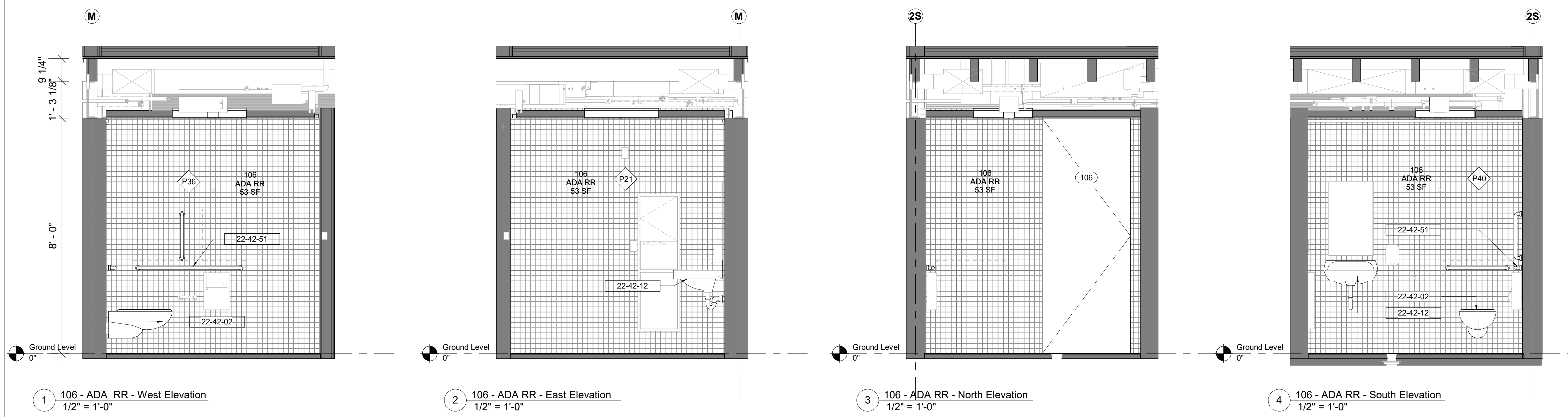
NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 106,
107, 108, 109, 111,
112, 113, 116

Date	11/06/20
Scale	As indicated
Drawing Number	A-A-603
Sheet Size	ARCH D

GENERAL NOTE RESTROOM APPLIANCES:
ALL WALL MOUNTED APPLIANCES ARE TO BE INSET FLUSH TO FACE OF WALL

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE

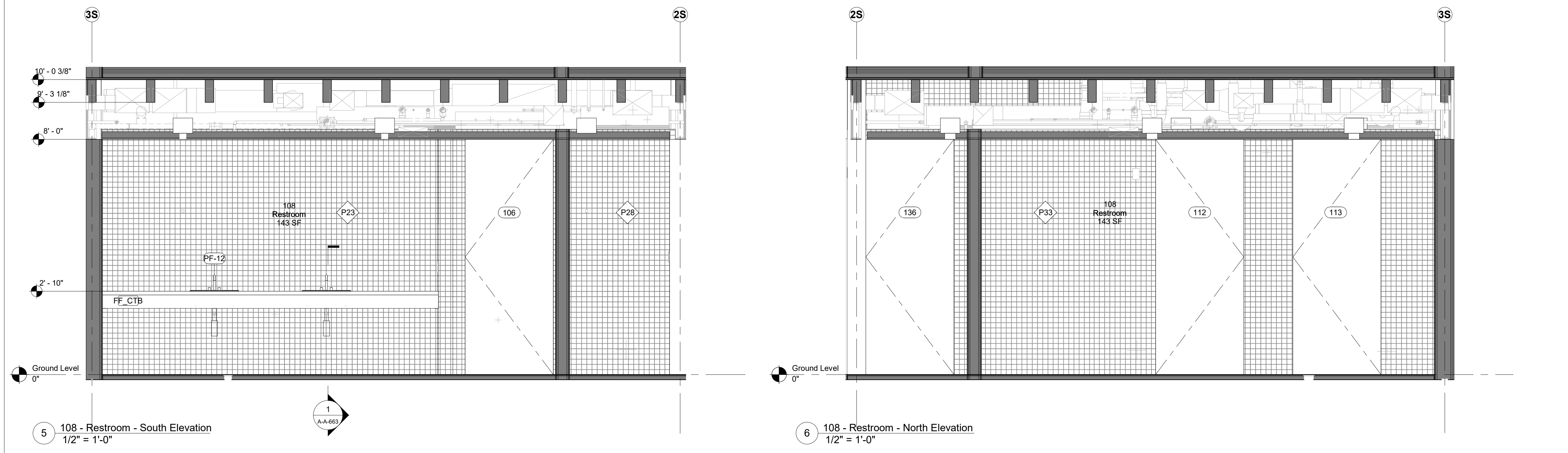


1 106 - ADA RR - West Elevation
1/2" = 1'-0"

2 106 - ADA RR - East Elevation
1/2" = 1'-0"

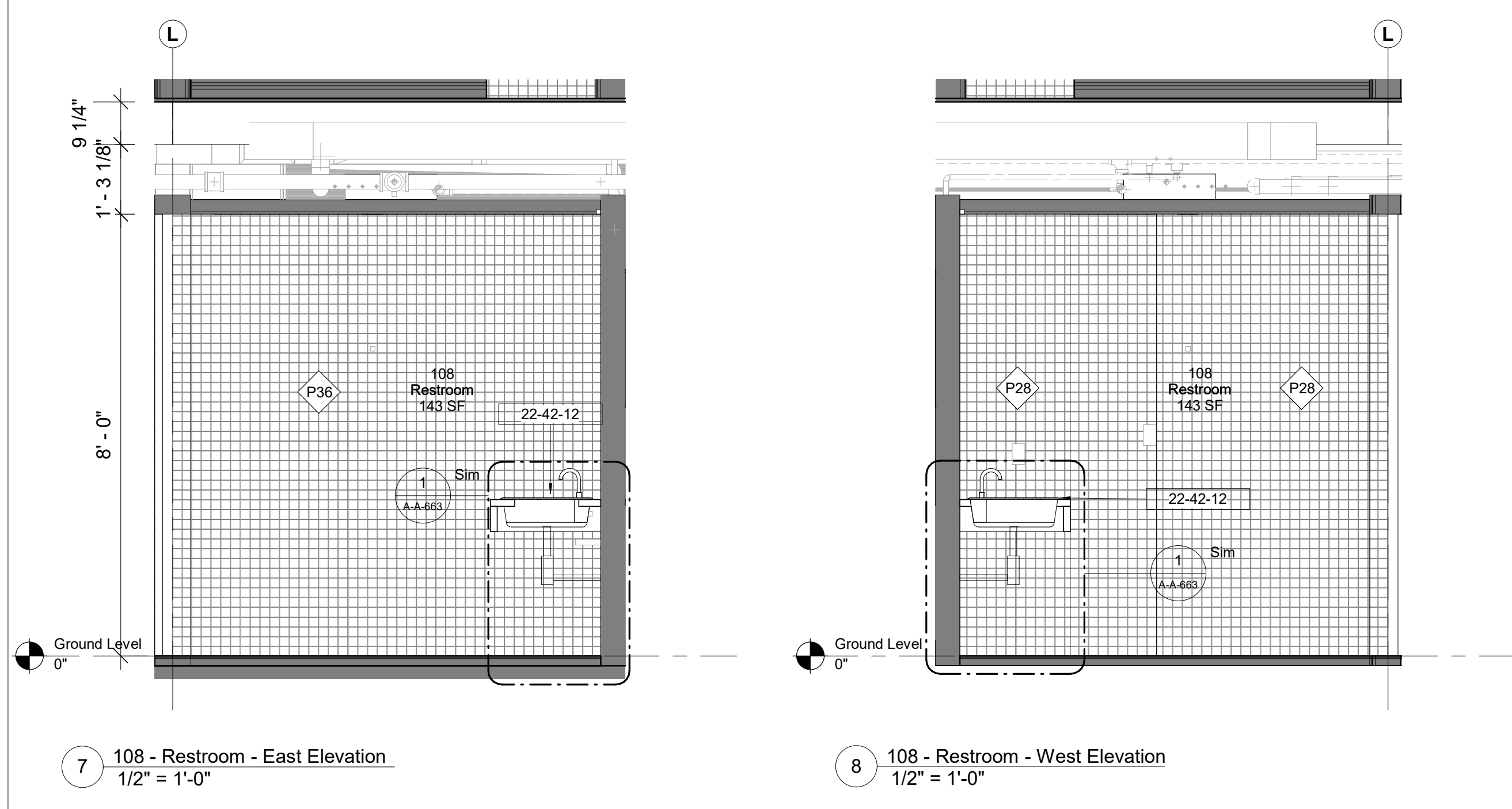
3 106 - ADA RR - North Elevation
1/2" = 1'-0"

4 106 - ADA RR - South Elevation
1/2" = 1'-0"



5 108 - Restroom - South Elevation
1/2" = 1'-0"

6 108 - Restroom - North Elevation
1/2" = 1'-0"



7 108 - Restroom - East Elevation
1/2" = 1'-0"

8 108 - Restroom - West Elevation
1/2" = 1'-0"

Restroom Walls : 2" x 2" Tile
Ceilings : Painted Gypsum Board
Countertops:

Keynote Legend

Keynote	Description
22-42-02	ADA Toilet
22-42-12	ADA WHB
22-42-51	ADA Grab Rails

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Key Plan

Description	Date
50% Construction Documents	11/06/20

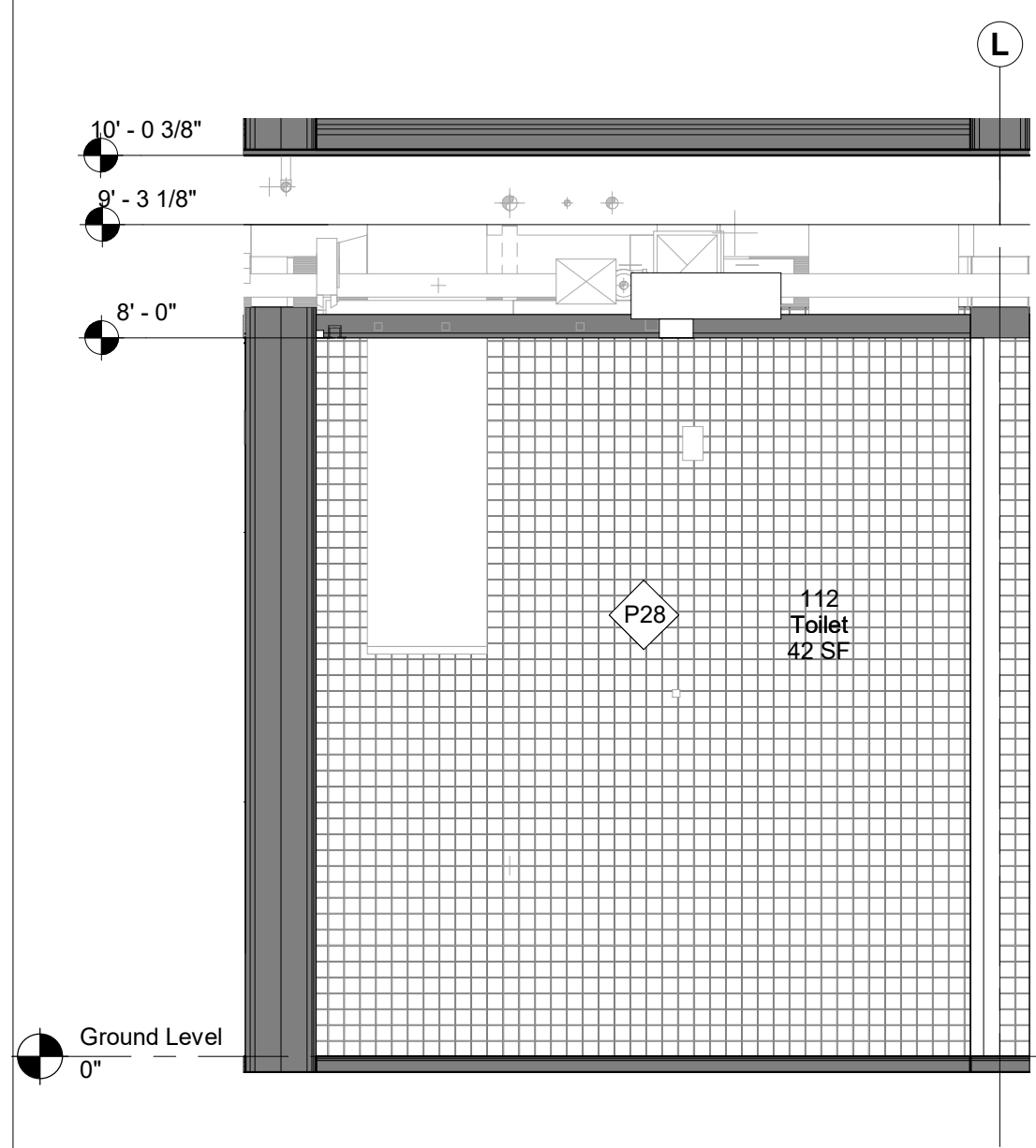
Project
Storm King
Art Center
**Administration
Building**

Seal

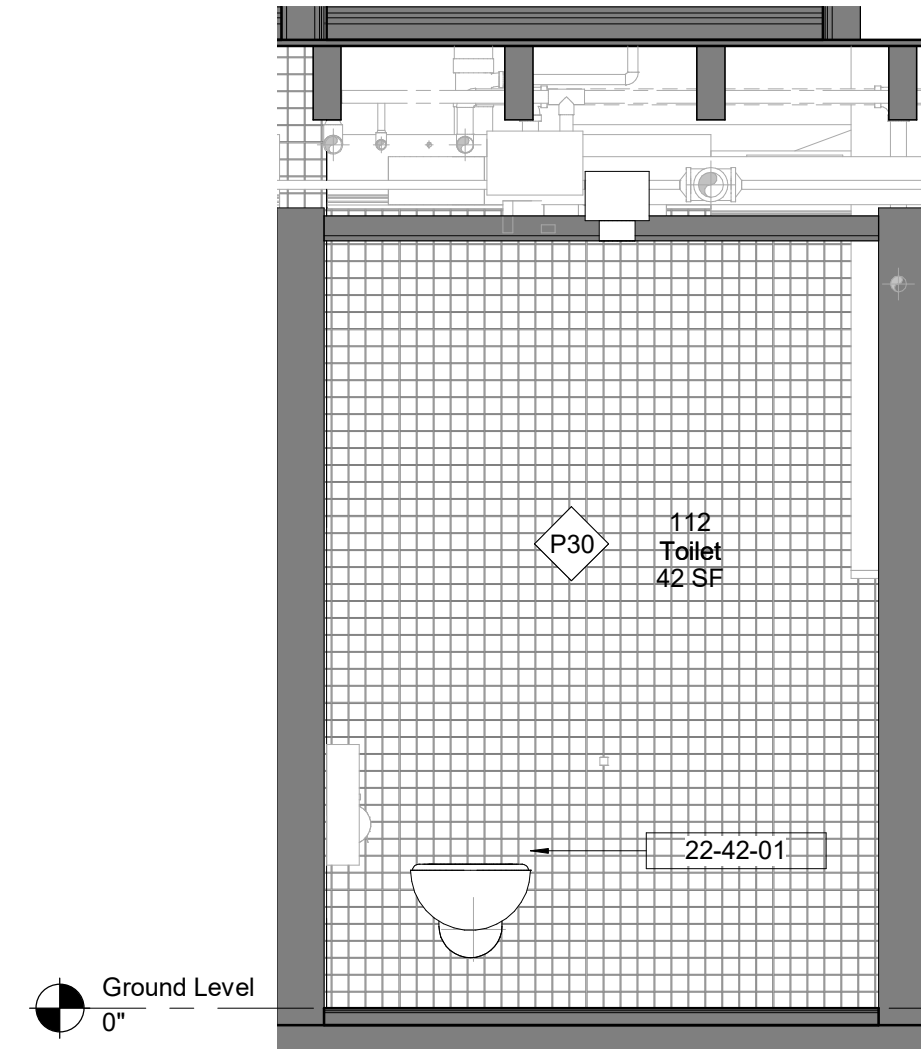
NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
106, 108

**GENERAL NOTE RESTROOM
APPLIANCES:**
ALL WALL MOUNTED APPLIANCES
ARE TO BE INSET FLUSH TO FACE
OF WALL

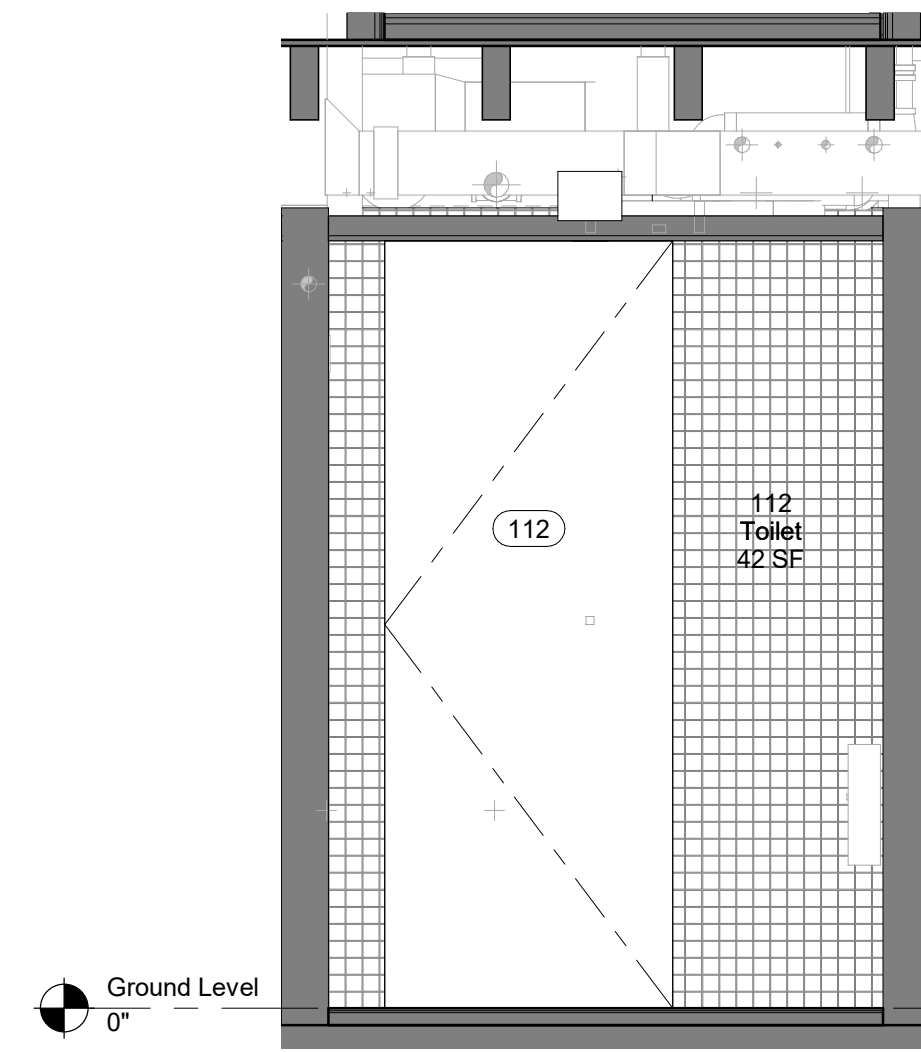
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-604
Sheet Size	ARCH D



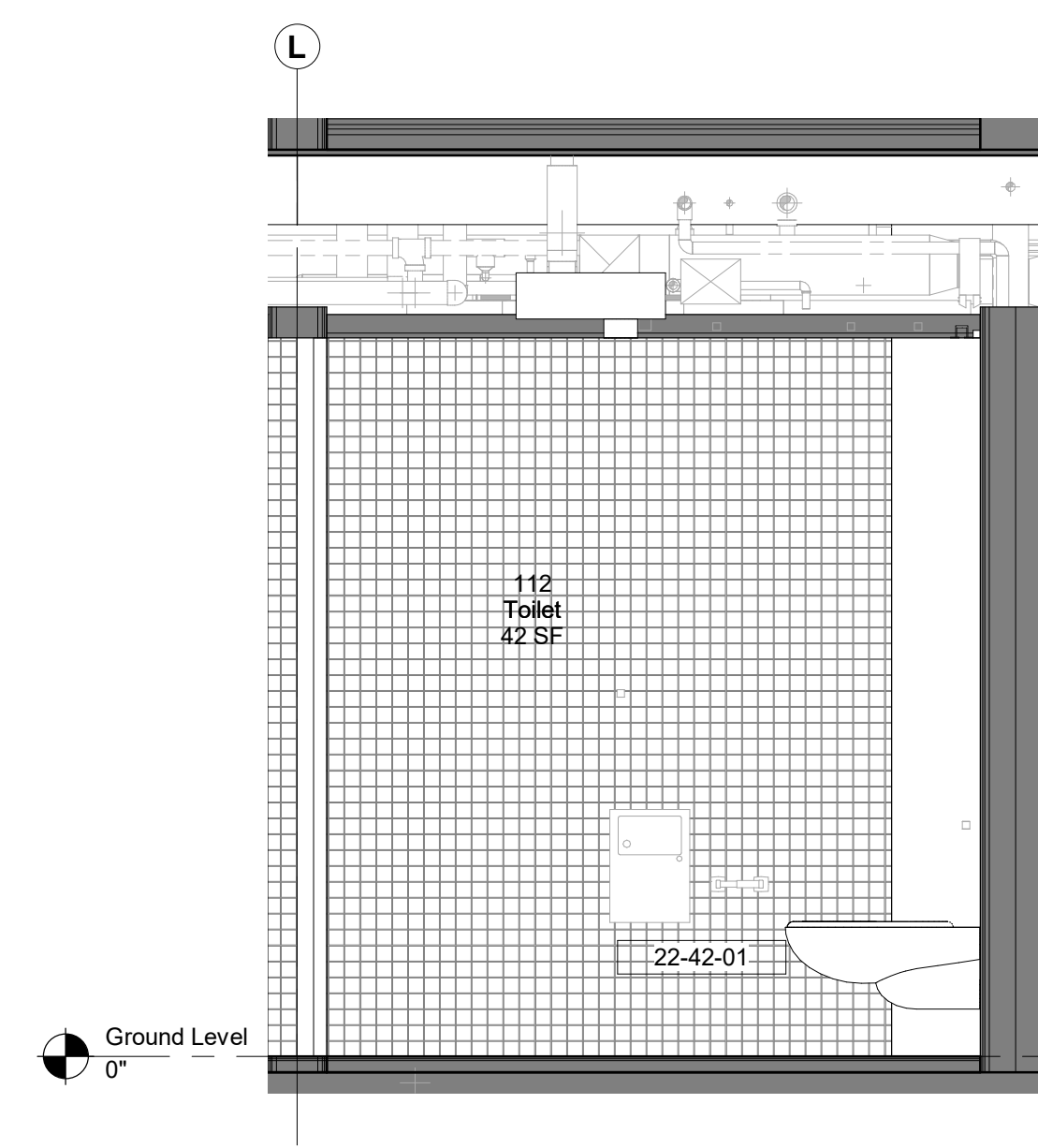
1 112 - Toilet - East Elevation
1/2" = 1'-0"



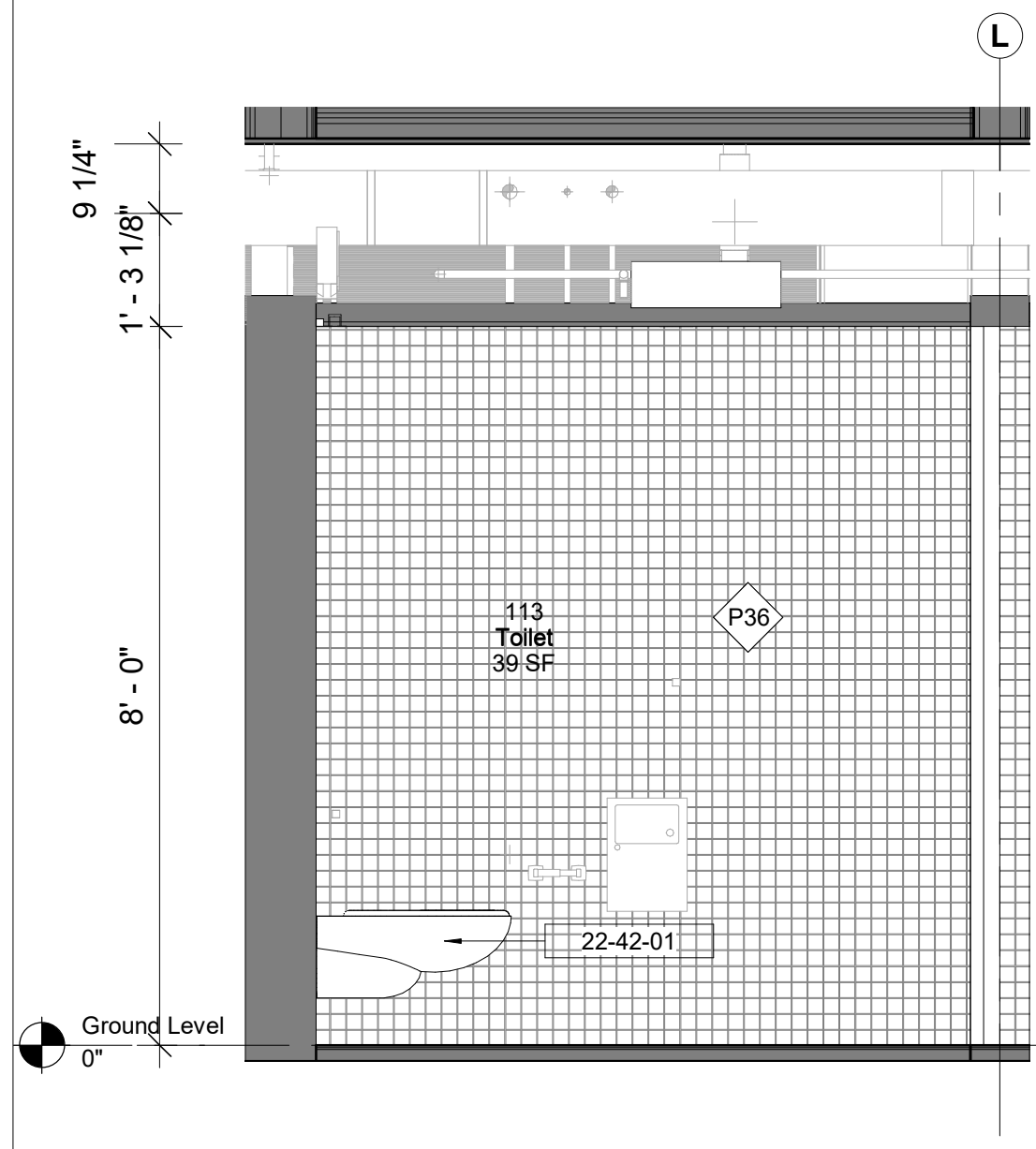
2 112 - Toilet - North Elevation
1/2" = 1'-0"



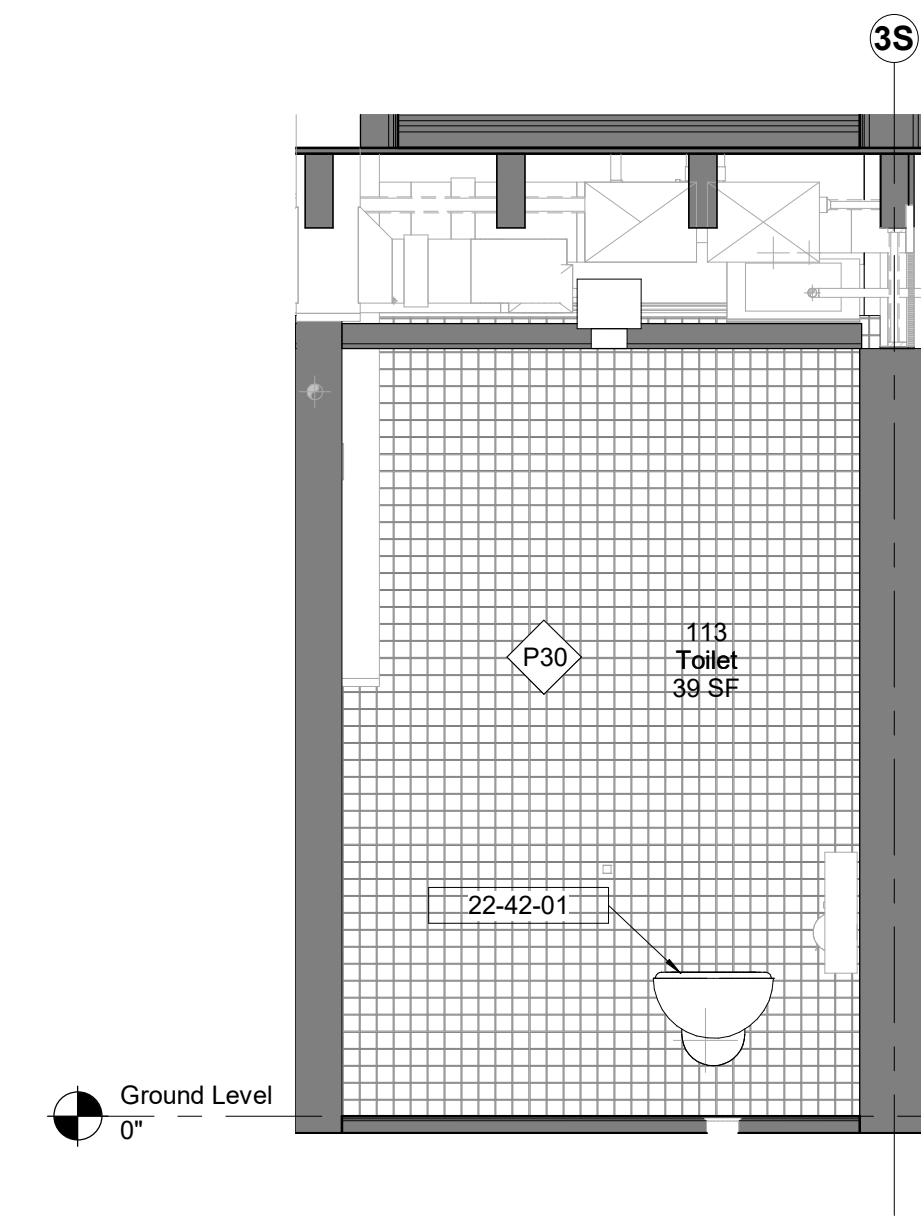
3 112 - Toilet - South Elevation
1/2" = 1'-0"



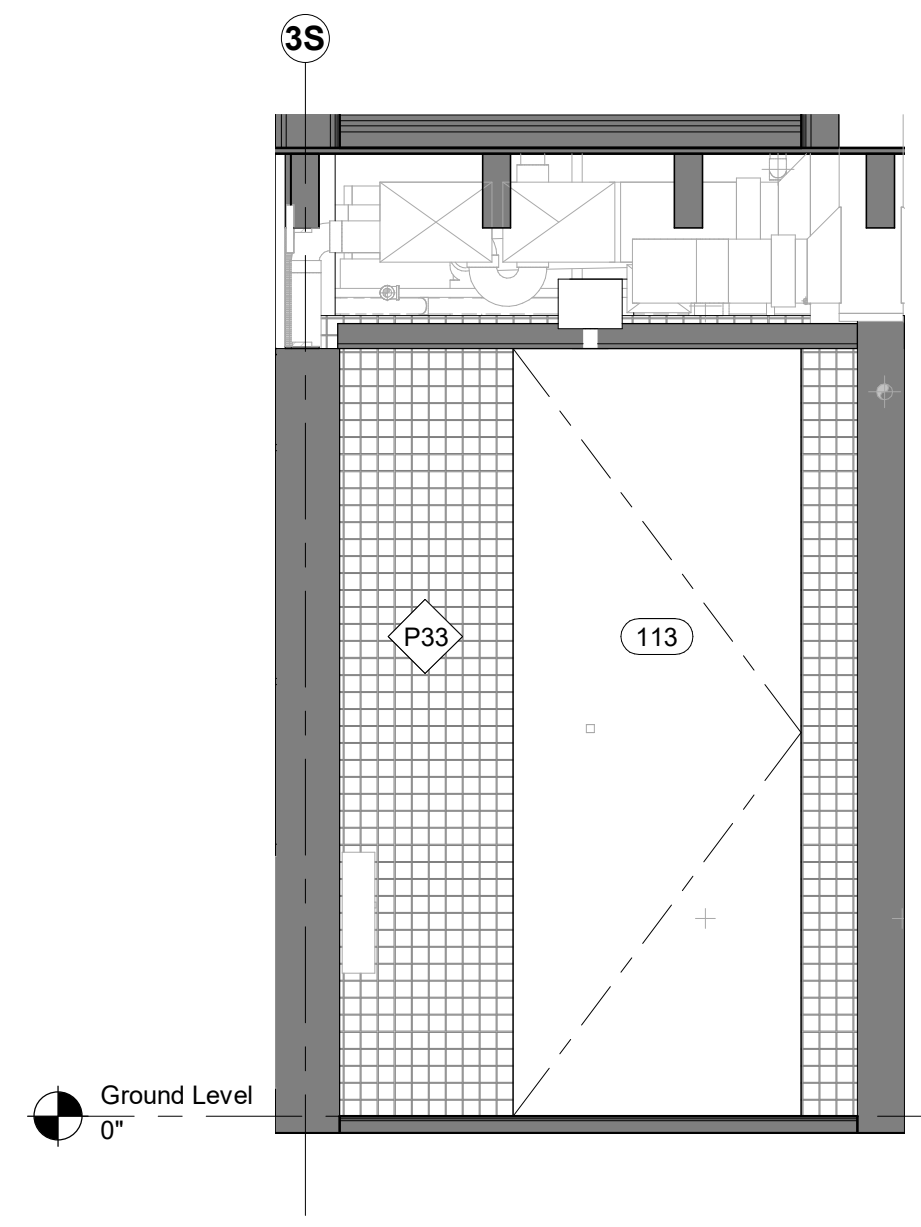
4 112 - Toilet - West Elevation
1/2" = 1'-0"



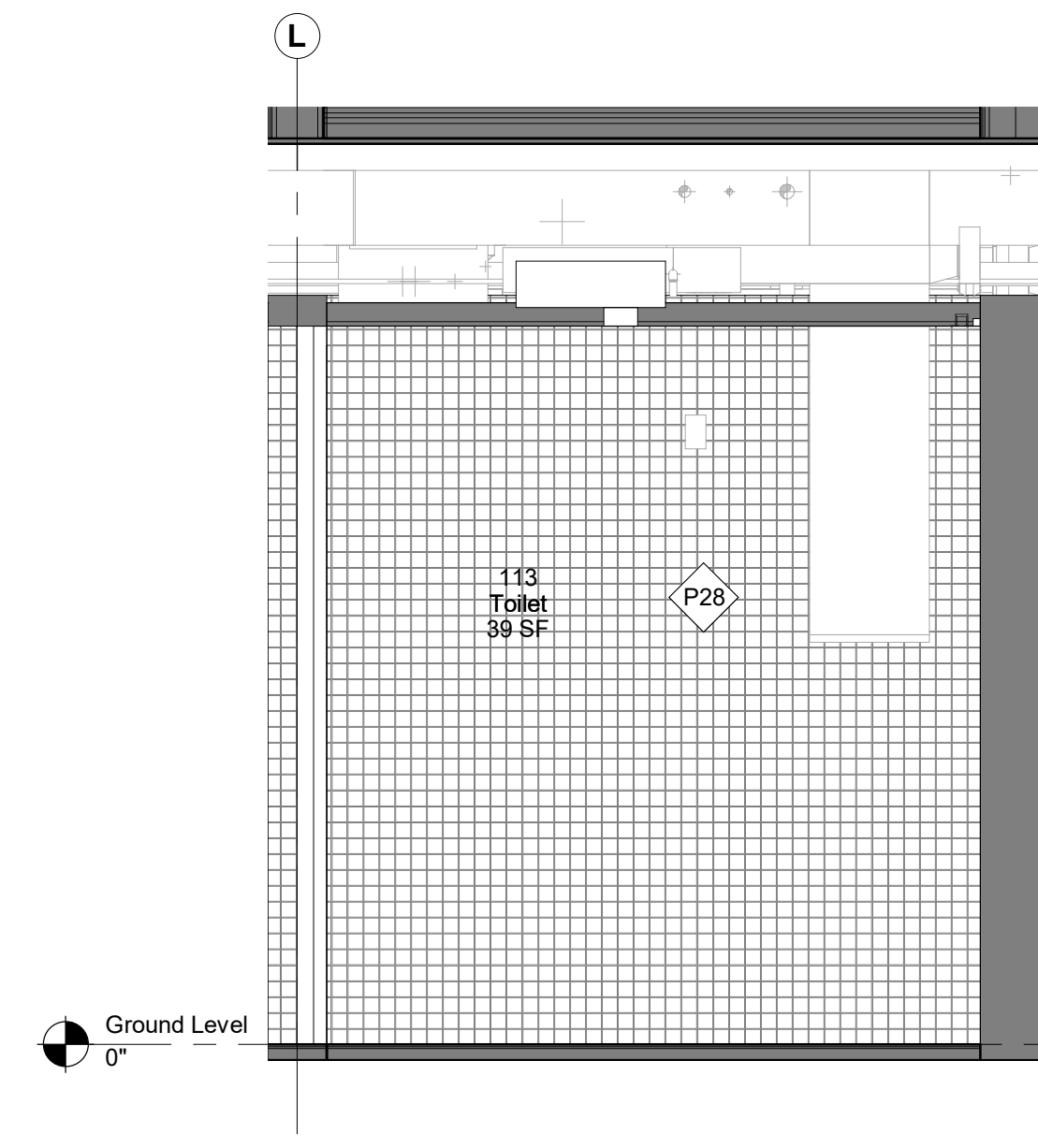
5 113 - Toilet - East Elevation
1/2" = 1'-0"



6 113 - Toilet - North Elevation
1/2" = 1'-0"



7 113 - Toilet - South Elevation
1/2" = 1'-0"



8 113 - Toilet - West Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
22-42-01	WC Toilet

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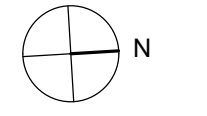
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Key Plan



Description	Date
50% Construction Documents	11/06/20

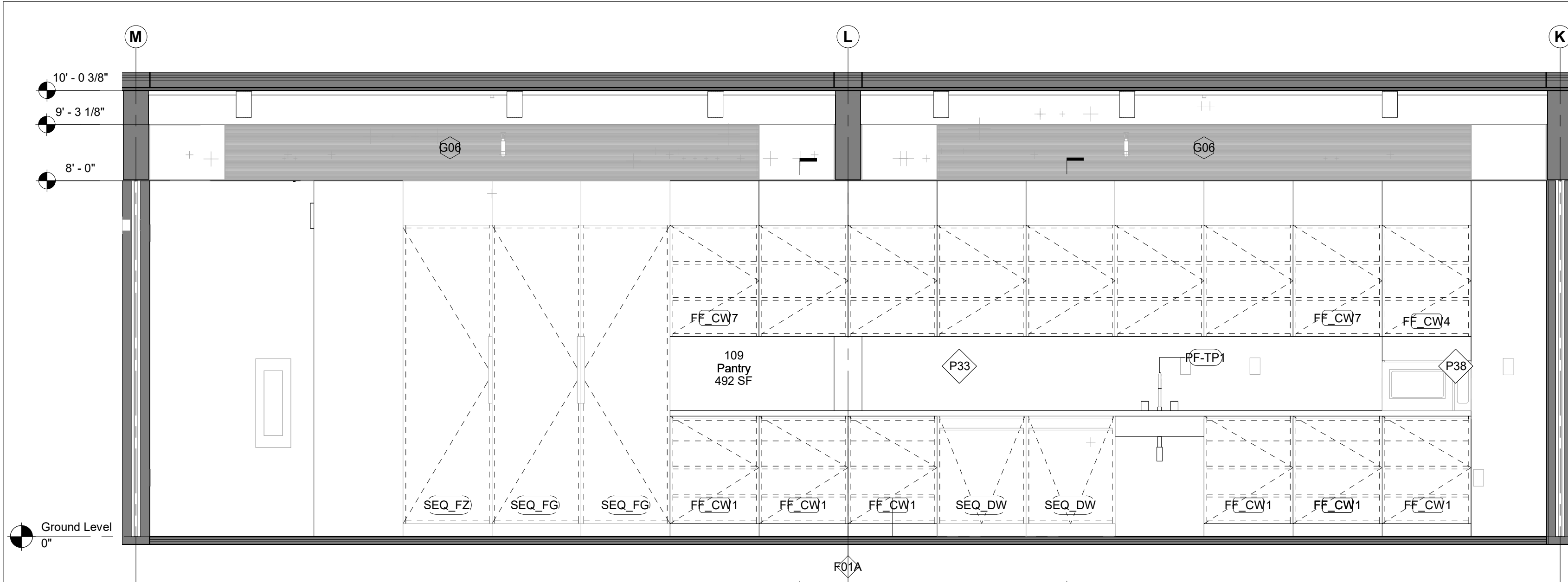
Project
**Storm King
Art Center
Administration
Building**

Seal

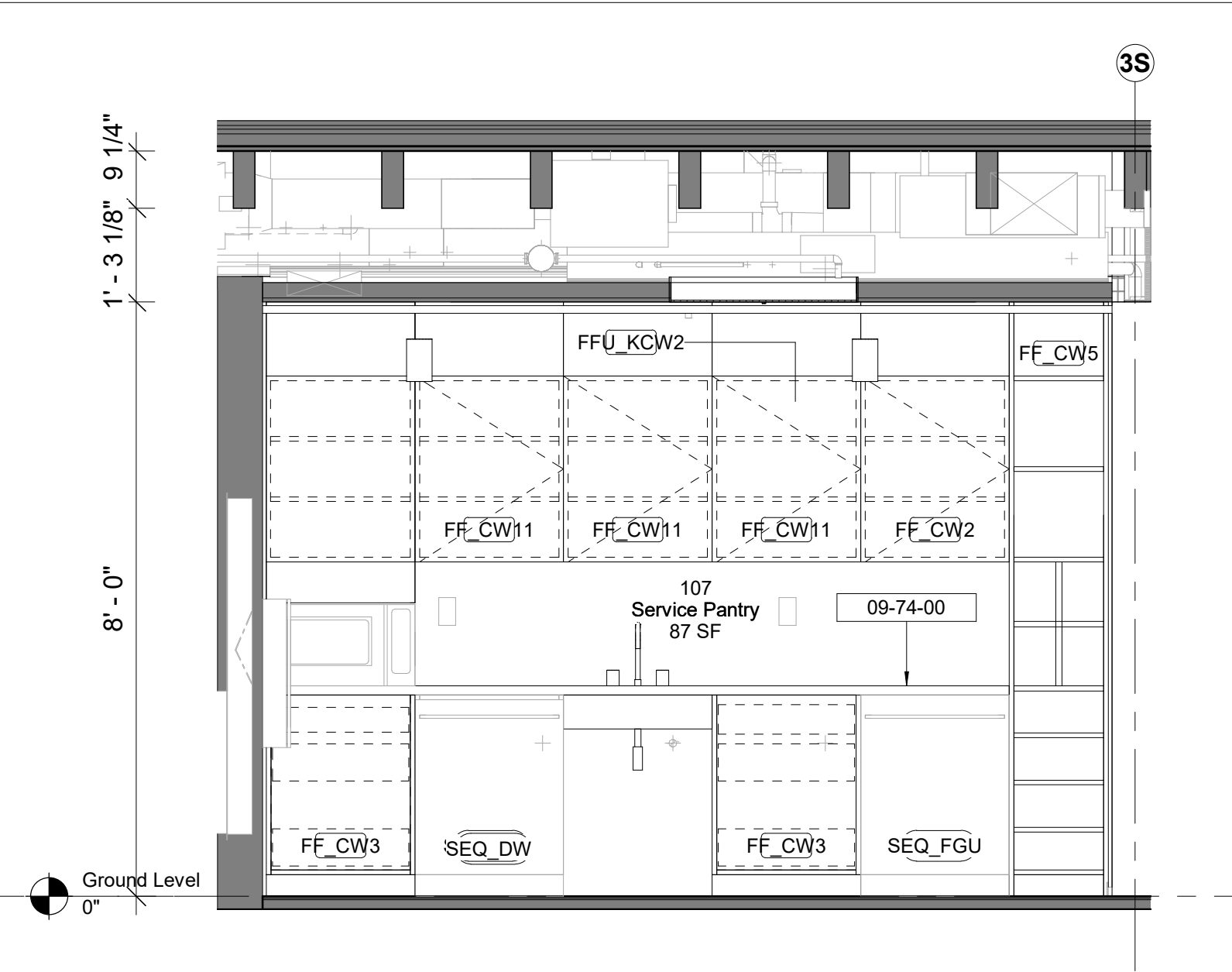
NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
112, 113**

**GENERAL NOTE RESTROOM
APPLIANCES:**
ALL WALL MOUNTED APPLIANCES
ARE TO BE INSET FLUSH TO FACE
OF WALL

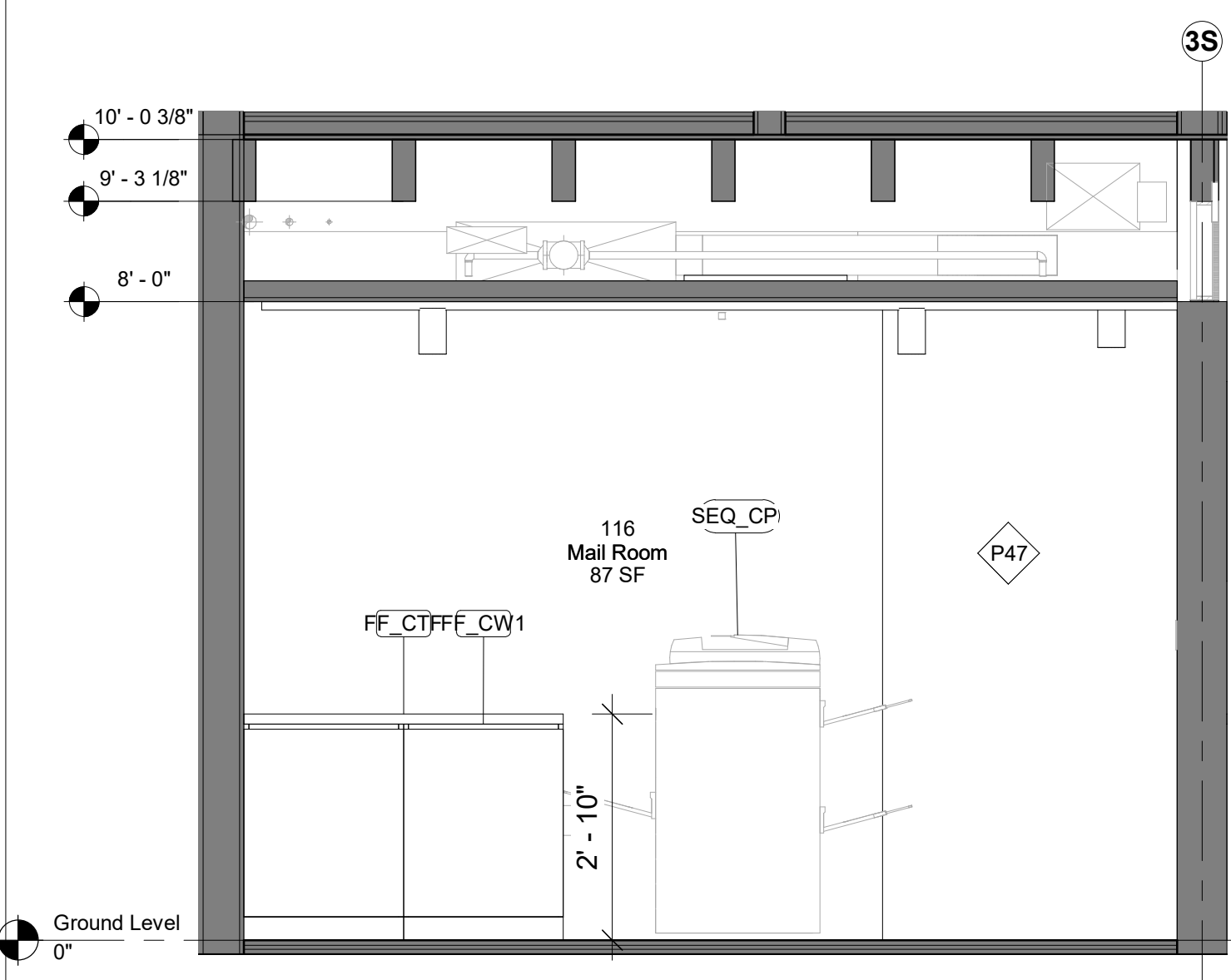
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-605
Sheet Size	ARCH D



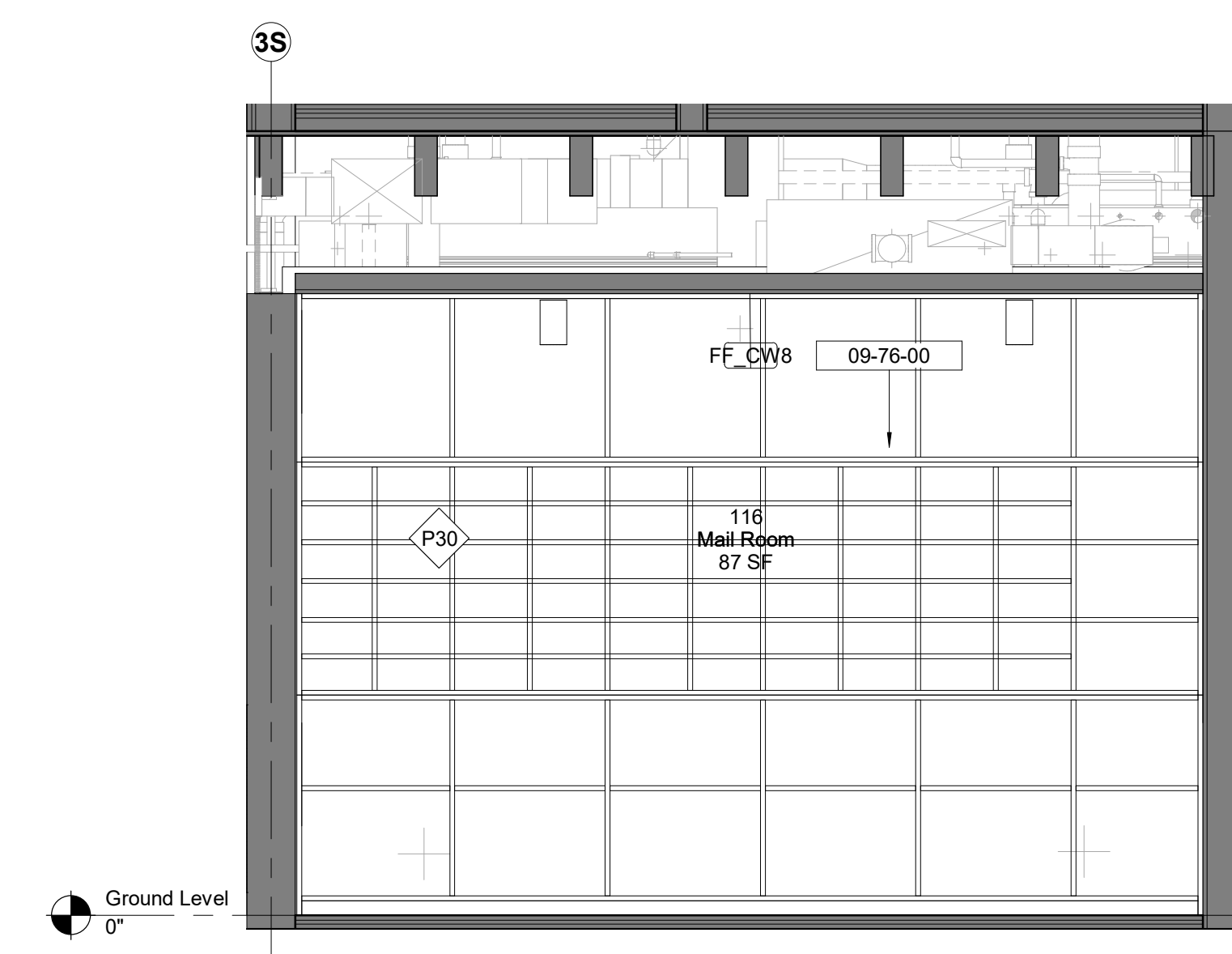
1 109 - Pantry - West Elevation
1/2" = 1'-0"



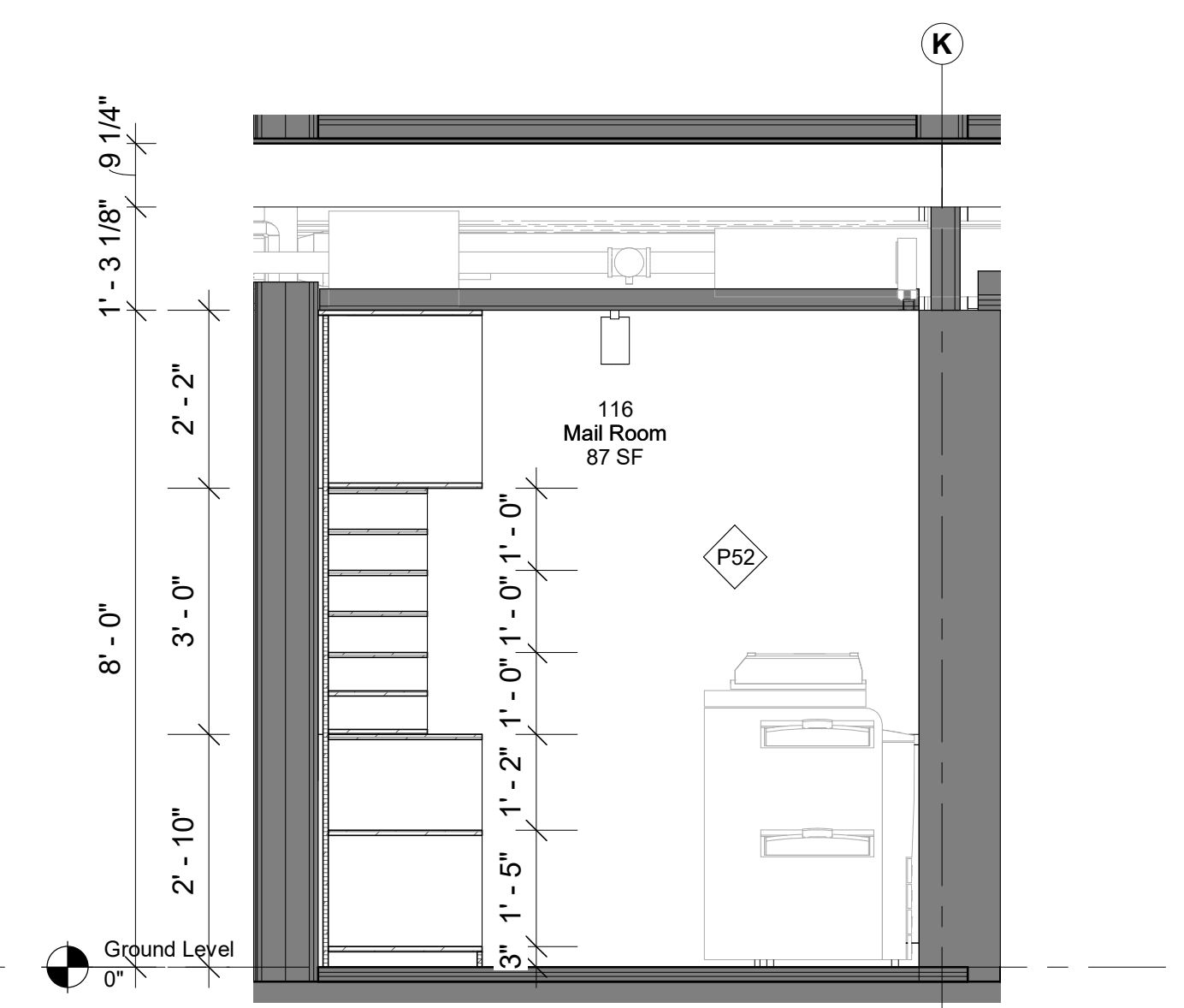
2 107 - Service Pantry - North Elevation
1/2" = 1'-0"



3 116 - Mail Room - North Elevation
1/2" = 1'-0"



4 116 - Mail Room - South Elevation
1/2" = 1'-0"



5 116 - Mail Room - West Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
09-74-00	Solid Surface
09-76-00	White Oak Veneered Casework

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Key Plan

Description 50% Construction Documents Date 11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
107, 109, 116**

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-606
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

Keynote Legend	
Keynote	Description
10-30-00	Fireplaces and Stoves

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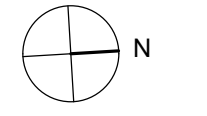
MEPF & IT
 BuroHappold
 100 Broadway #23
 New York, NY, US 10005
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Civil
 VHB
 100 Great Oaks Blvd., Suite 118
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 +1 (212) 242-2220

Key Plan



Description	Date
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
**Administration
 Building**

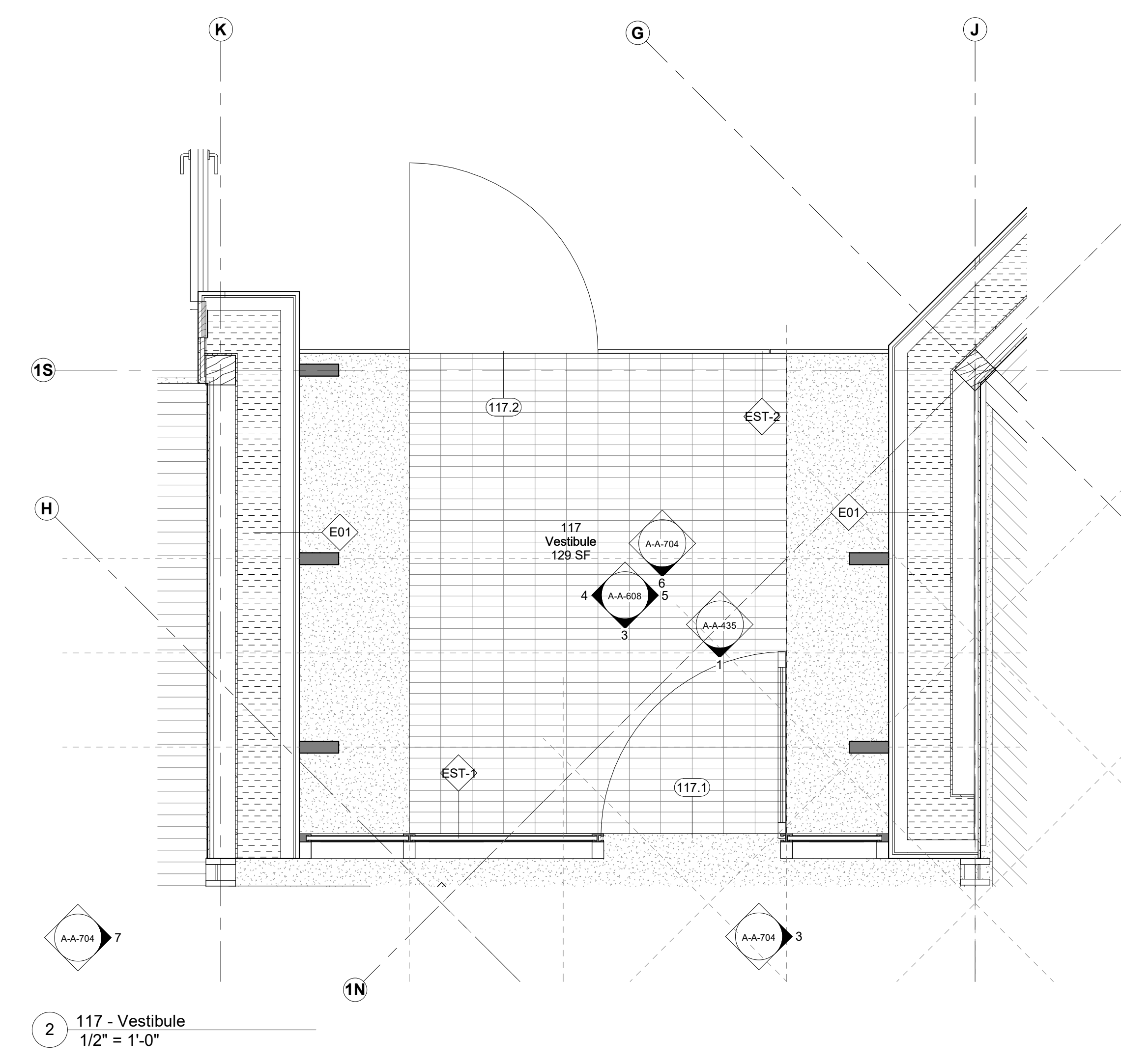
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Room Plans - 117,
 118, 119

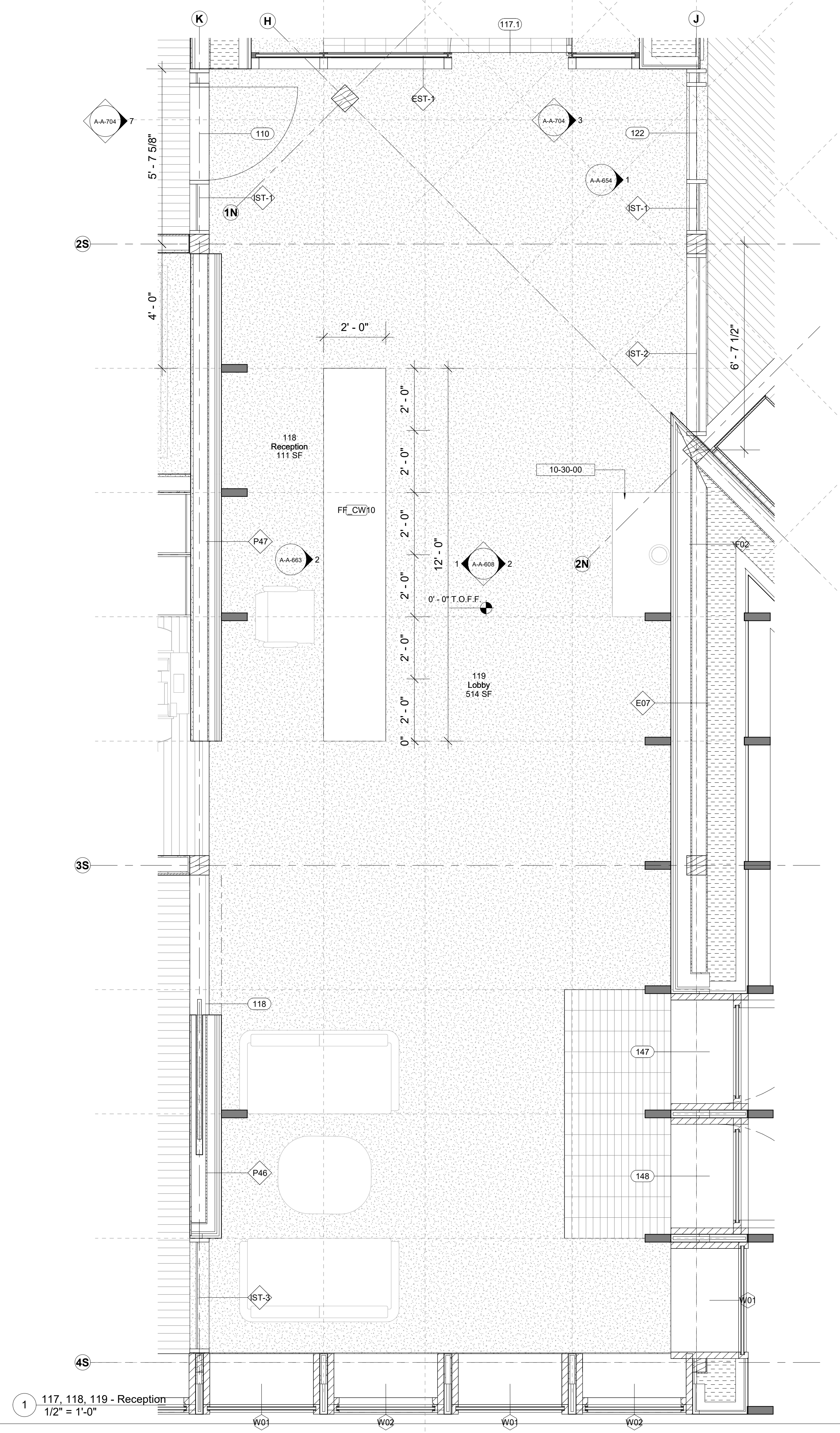
Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-607
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
 FOR STANDARD MILLWORK DETAILS
 PLEASE REFER TO SHEETS A-A-661 |
 A-A-662

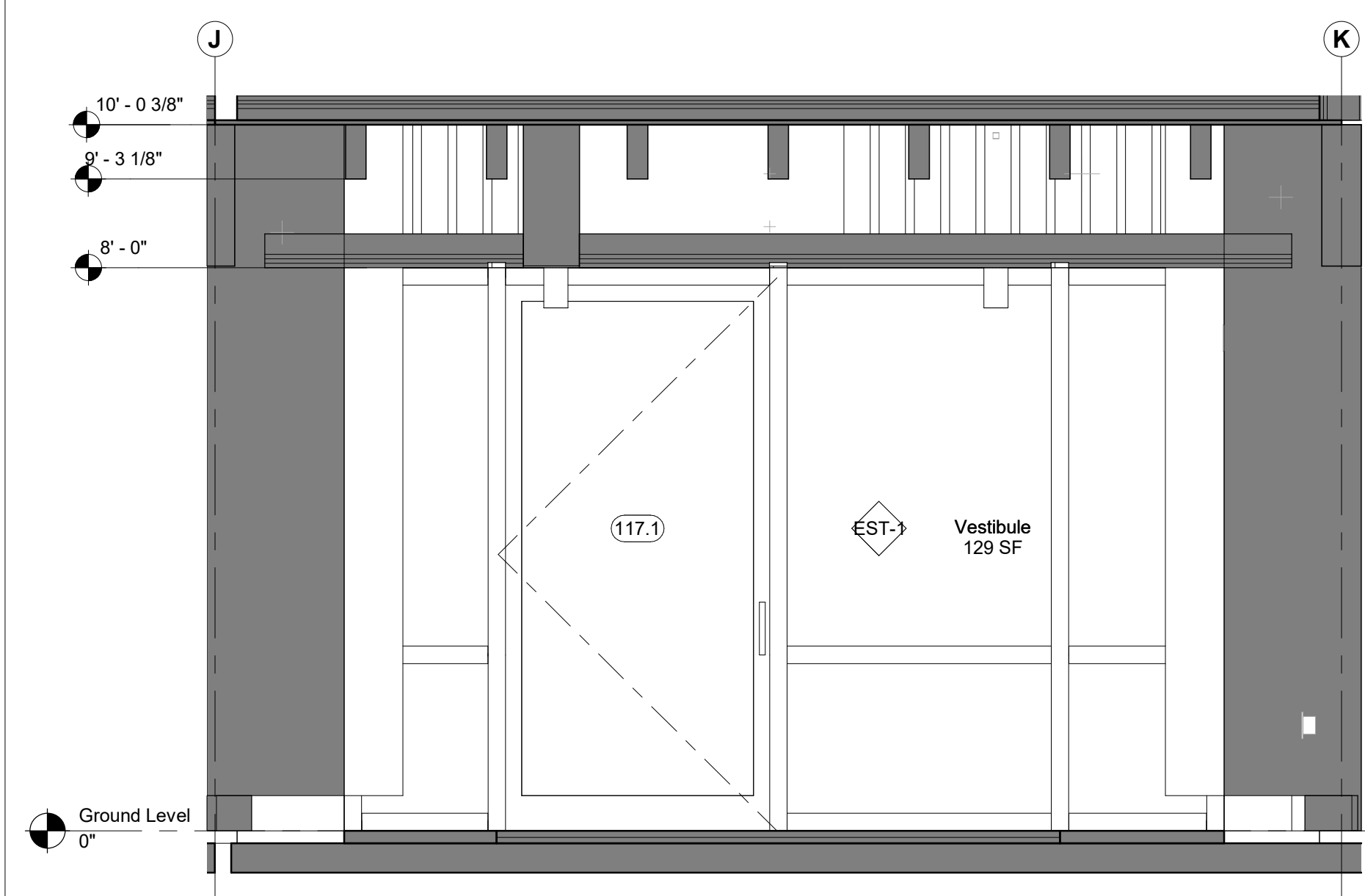
STANDARD METAL SHELVING IN ALL
 ARCHIVE | BULK STORAGE | VS
 STORAGE



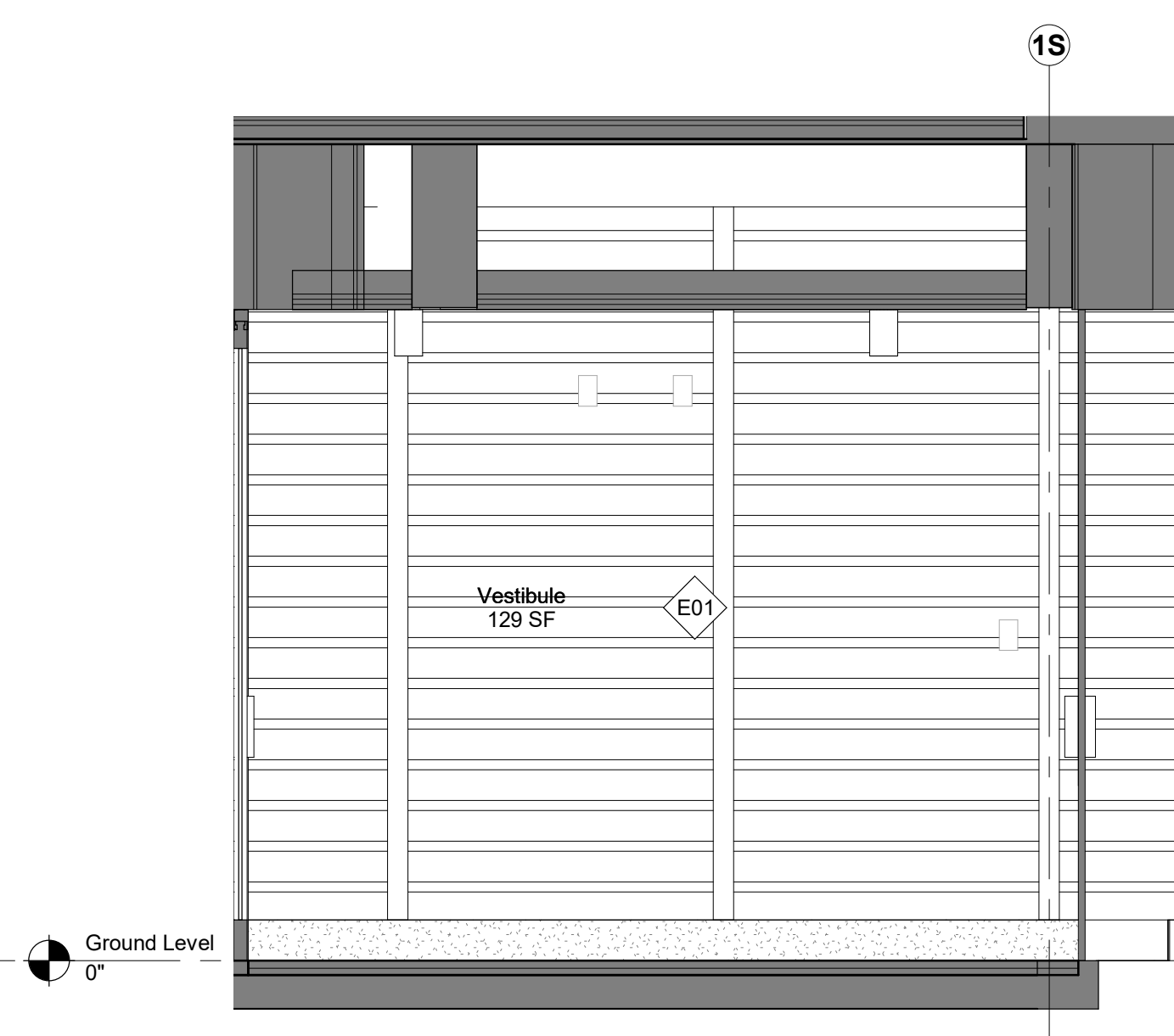
2 117 - Vestibule
 1/2" = 1'-0"



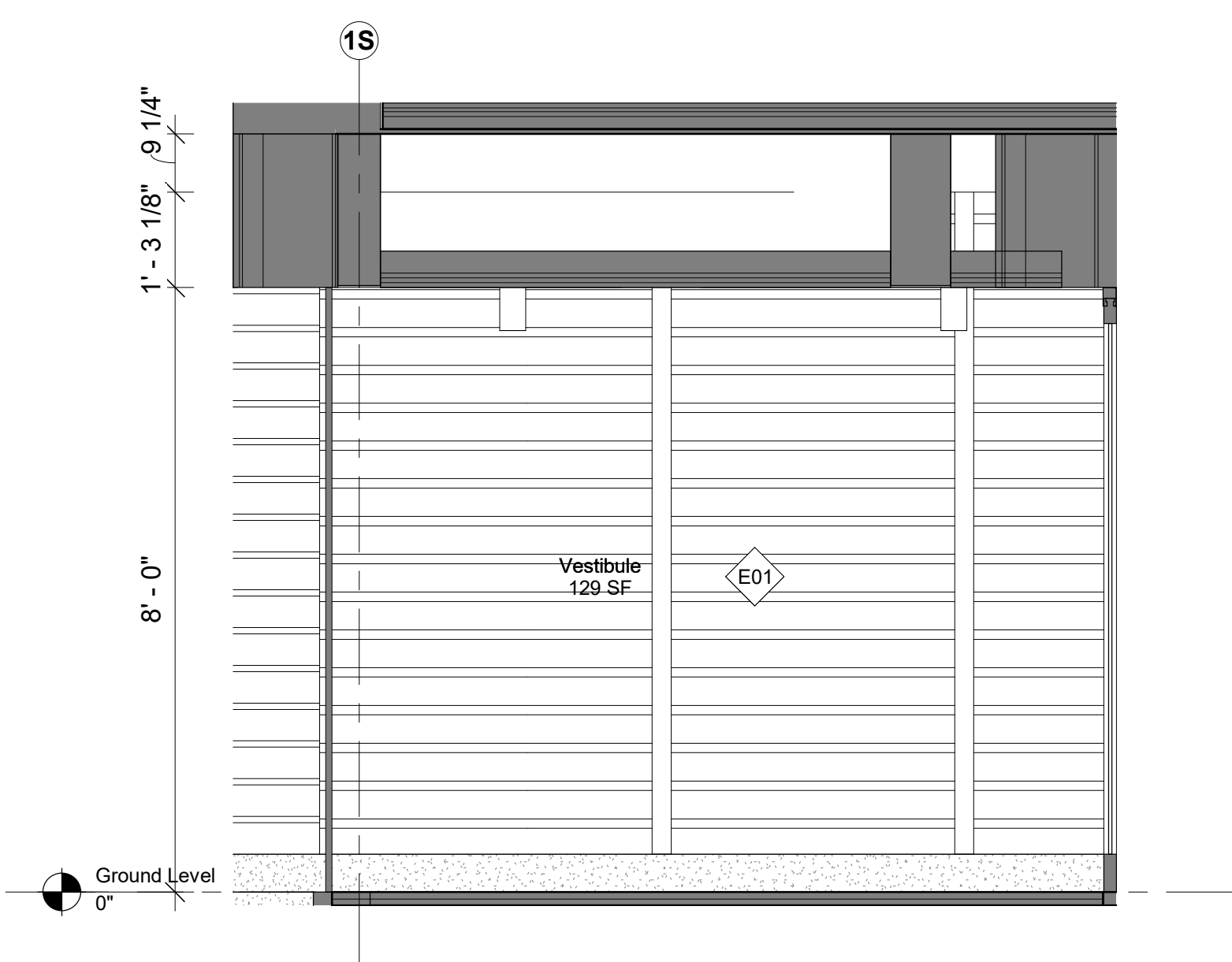
1 117, 118, 119 - Reception
 1/2" = 1'-0"



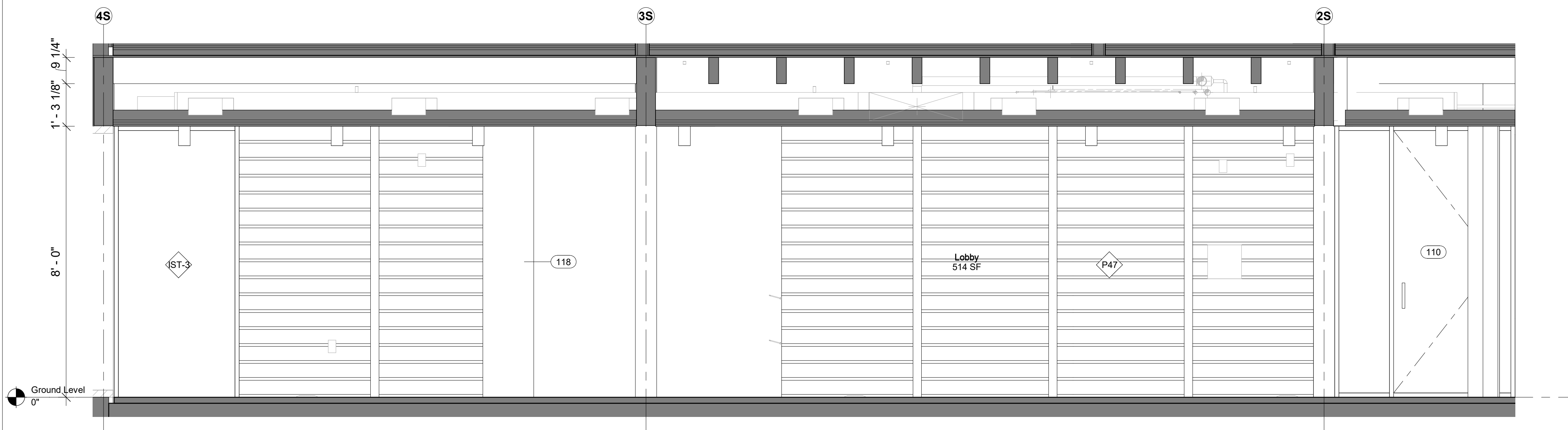
3 117 - Vestibule - East Elevation
1/2" = 1'-0"



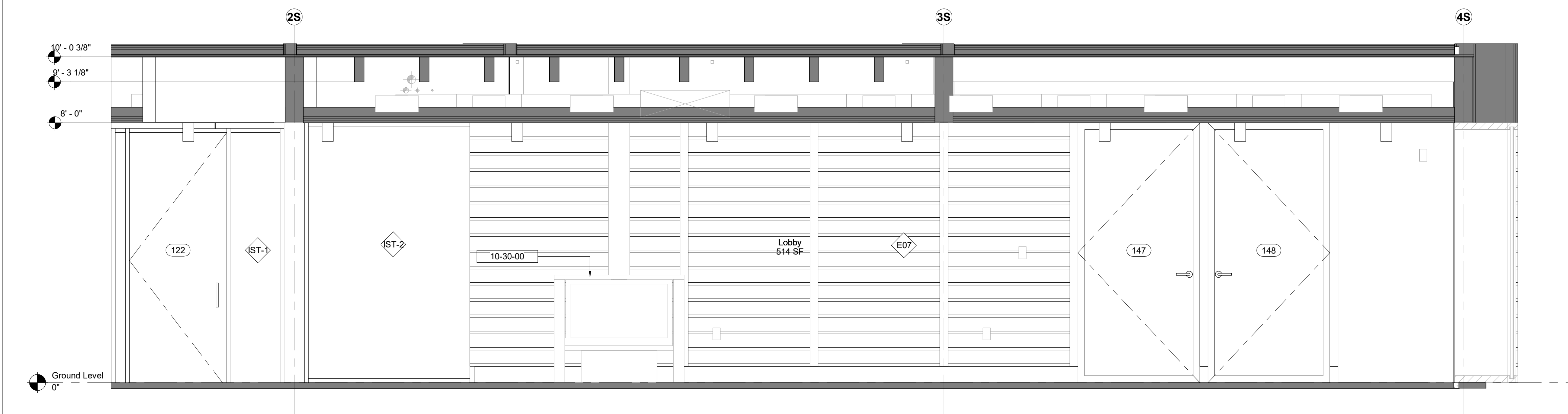
4 117 - Vestibule - South Elevation
1/2" = 1'-0"



5 117 - Vestibule - North Elevation
1/2" = 1'-0"



1 118 - Reception - South Elevation
1/2" = 1'-0"



2 118 - Reception - North Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
10-30-00	Fireplaces and Stoves

Owner
Storm King Art Center
1 Museum Road
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Key Plan

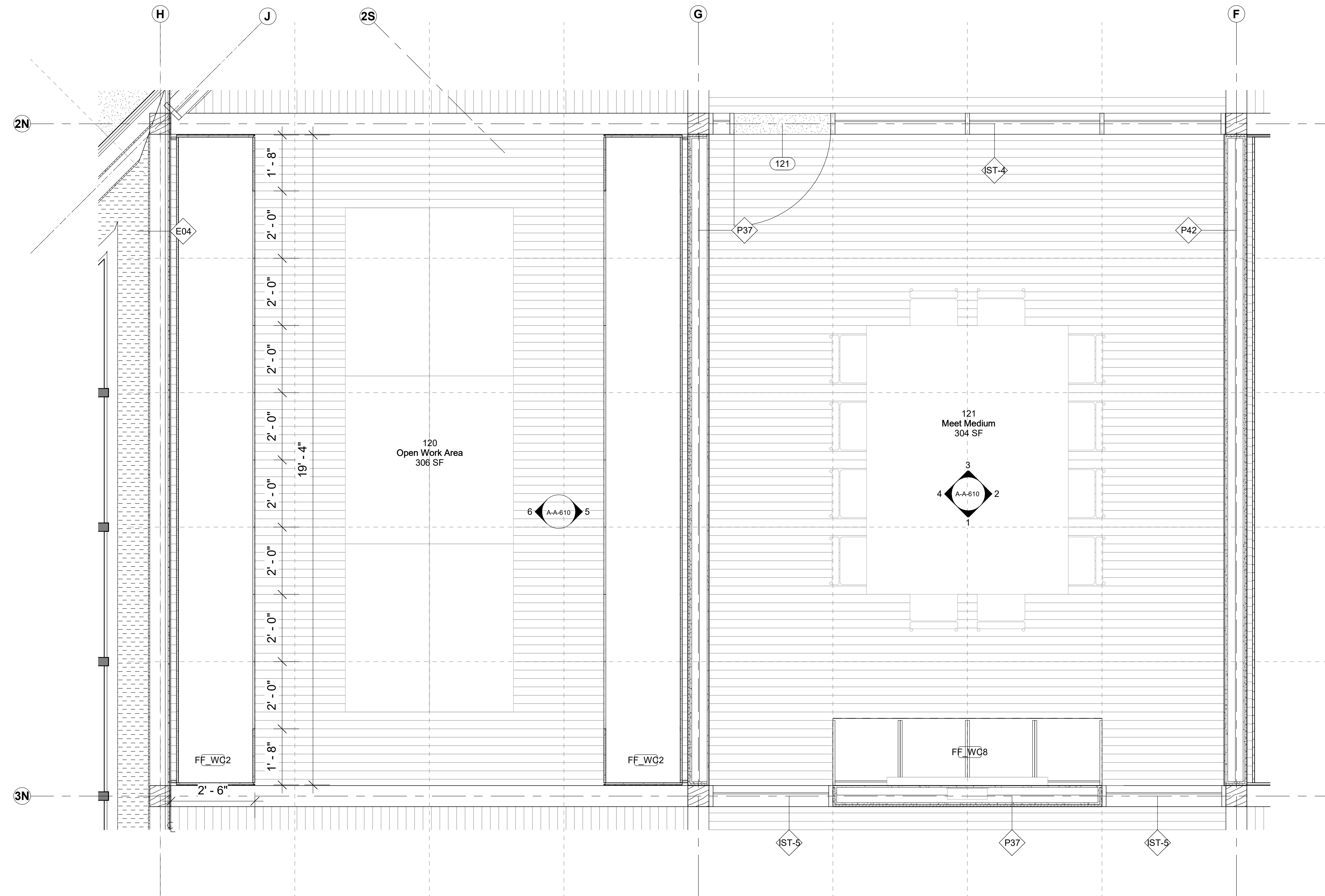
Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations - 117, 118, 119

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-608
Sheet Size	ARCH D



1 120, 121 - Meet Medium
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Room Plans - 120,
121

GENERAL NOTE MILLWORK:

FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

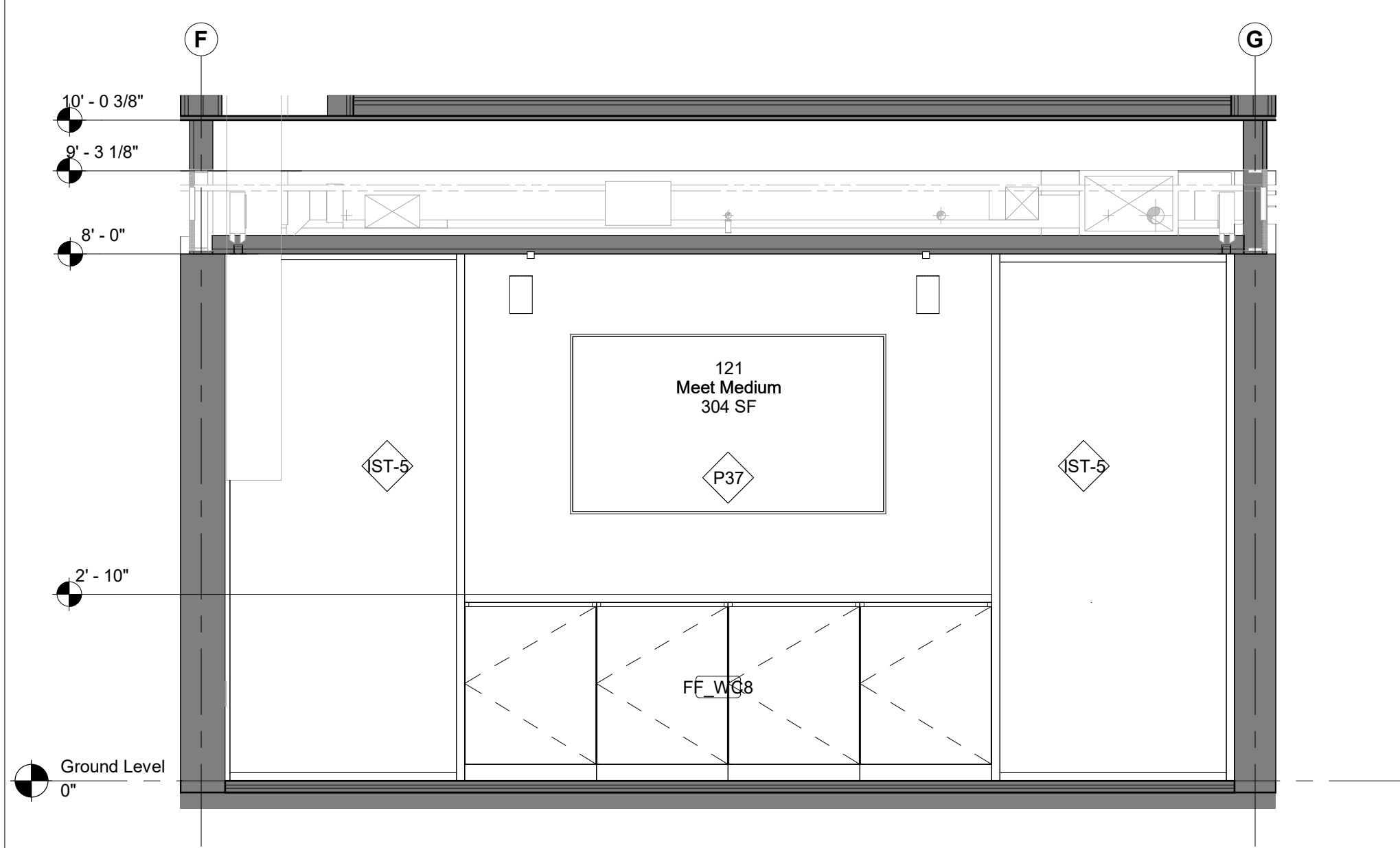
STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

Date 11/06/20

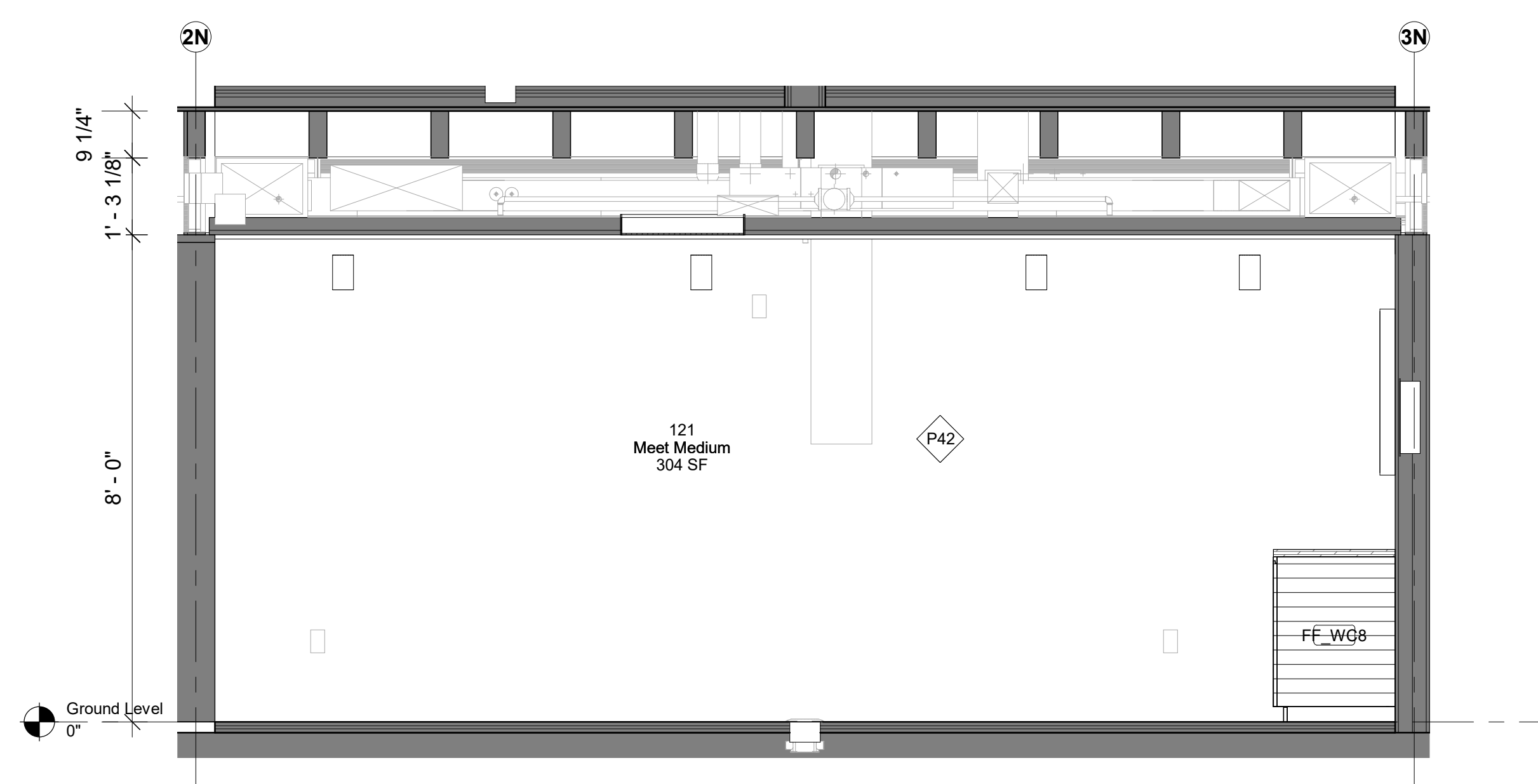
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Drawing Number **A-A-609**

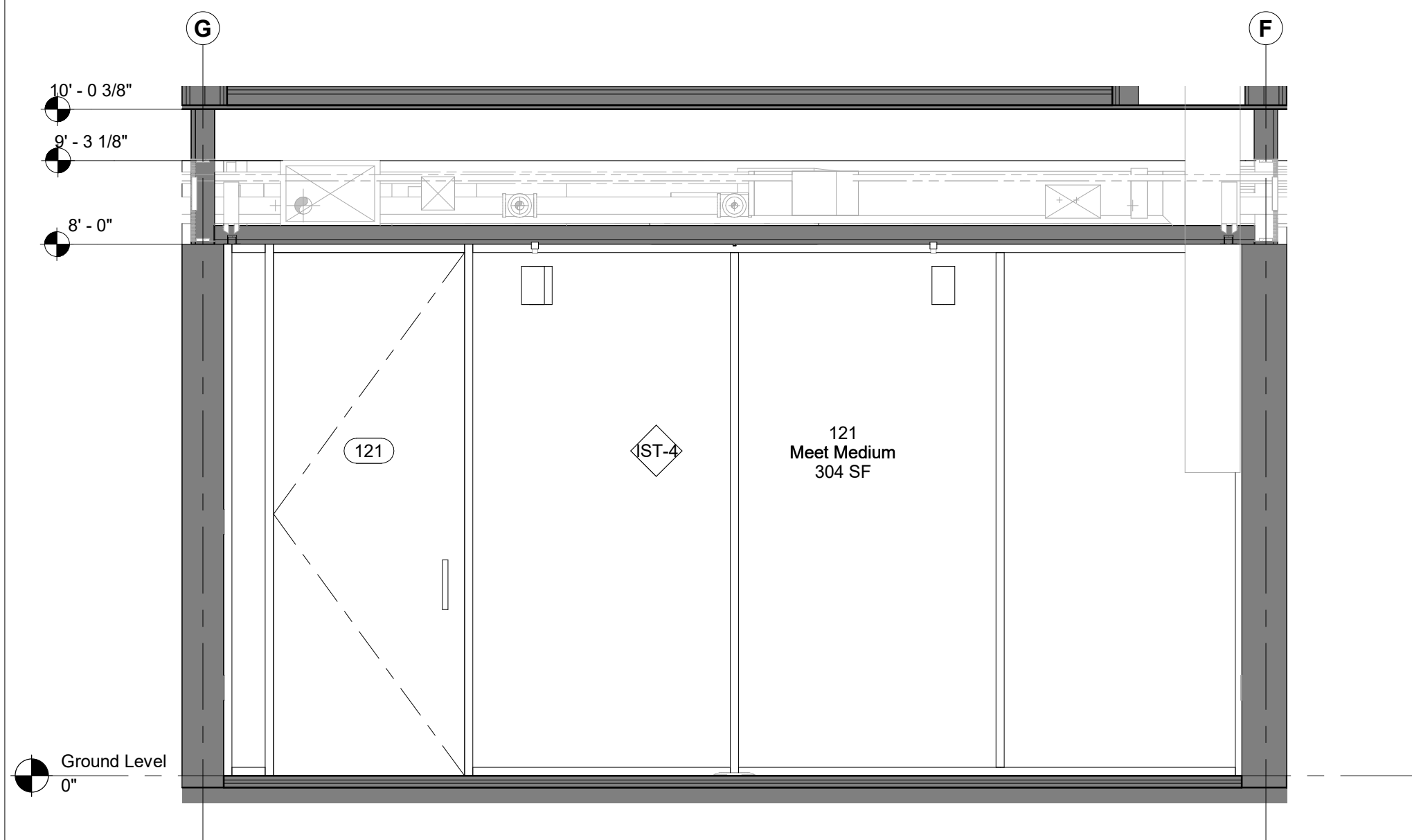
Sheet Size ARCH D



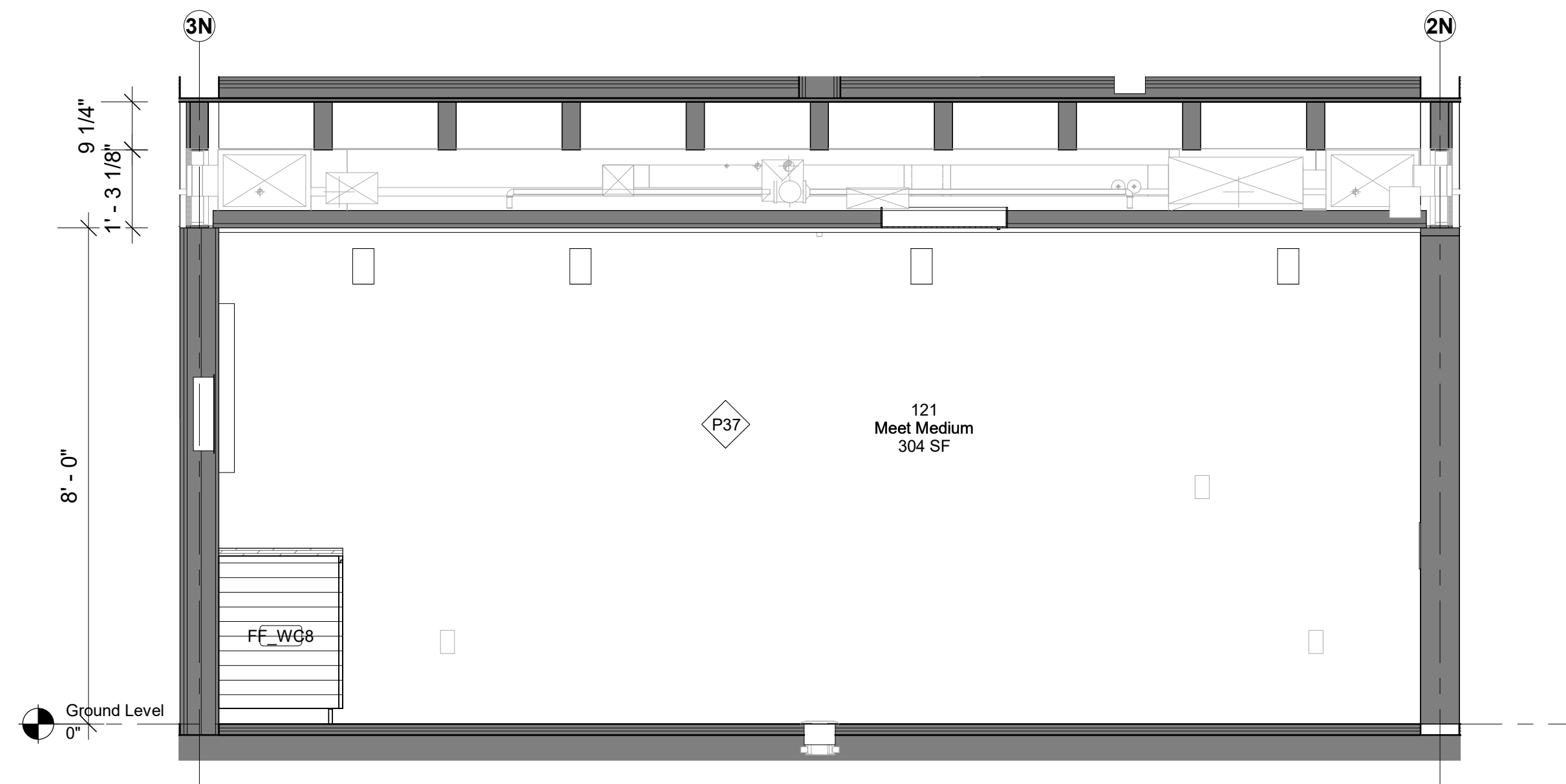
1 121 - Meet Medium - East Elevation
1/2" = 1'-0"



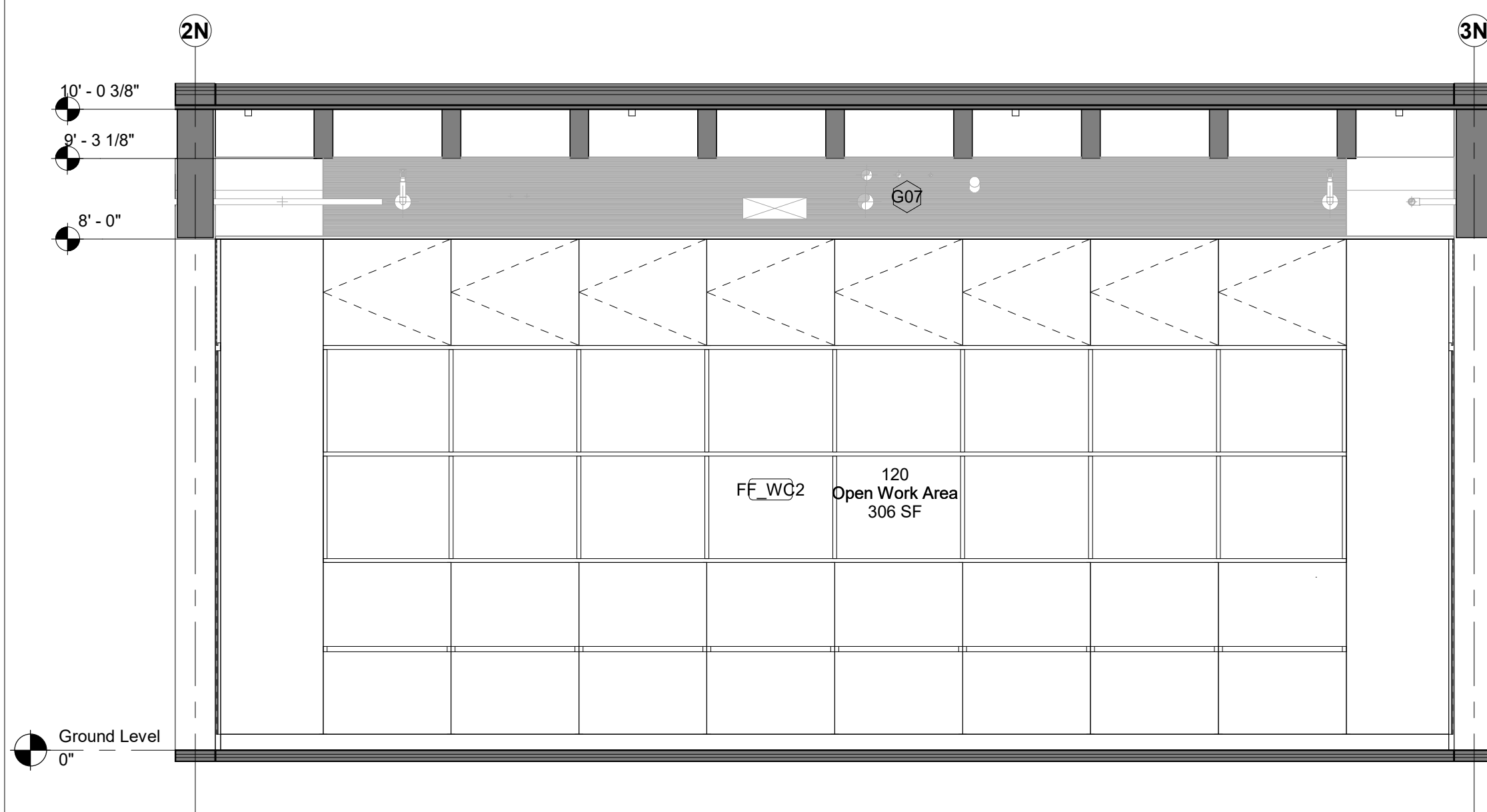
2 121 - Meet Medium - North Elevation
1/2" = 1'-0"



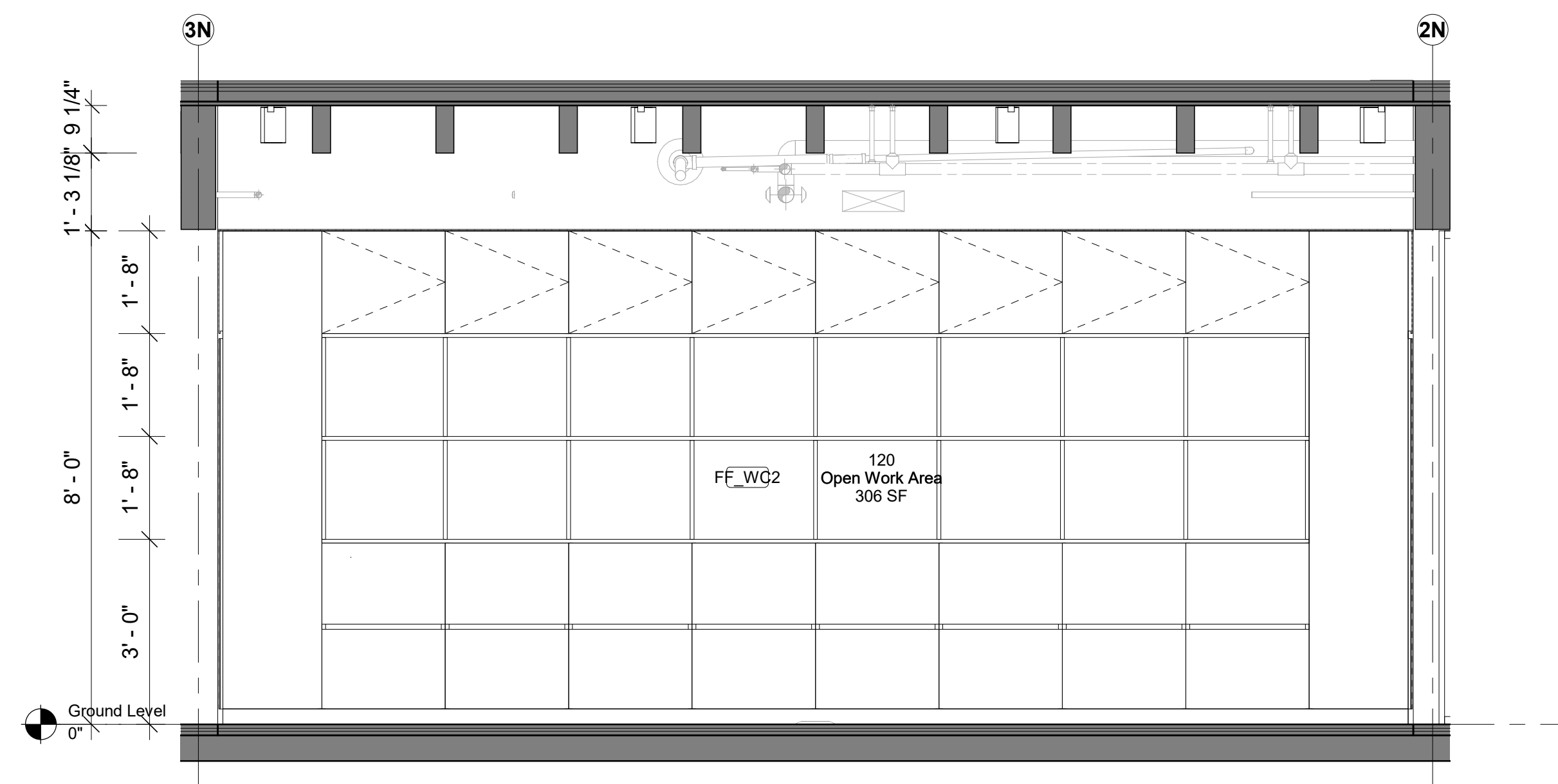
3 121 - Meet Medium - West Elevation
1/2" = 1'-0"



4 121 - Meet Medium - South Elevation
1/2" = 1'-0"



5 120 - Open Work Area - North Elevation
1/2" = 1'-0"



6 120 - Open Work Area - South Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

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Storm King Art Center
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

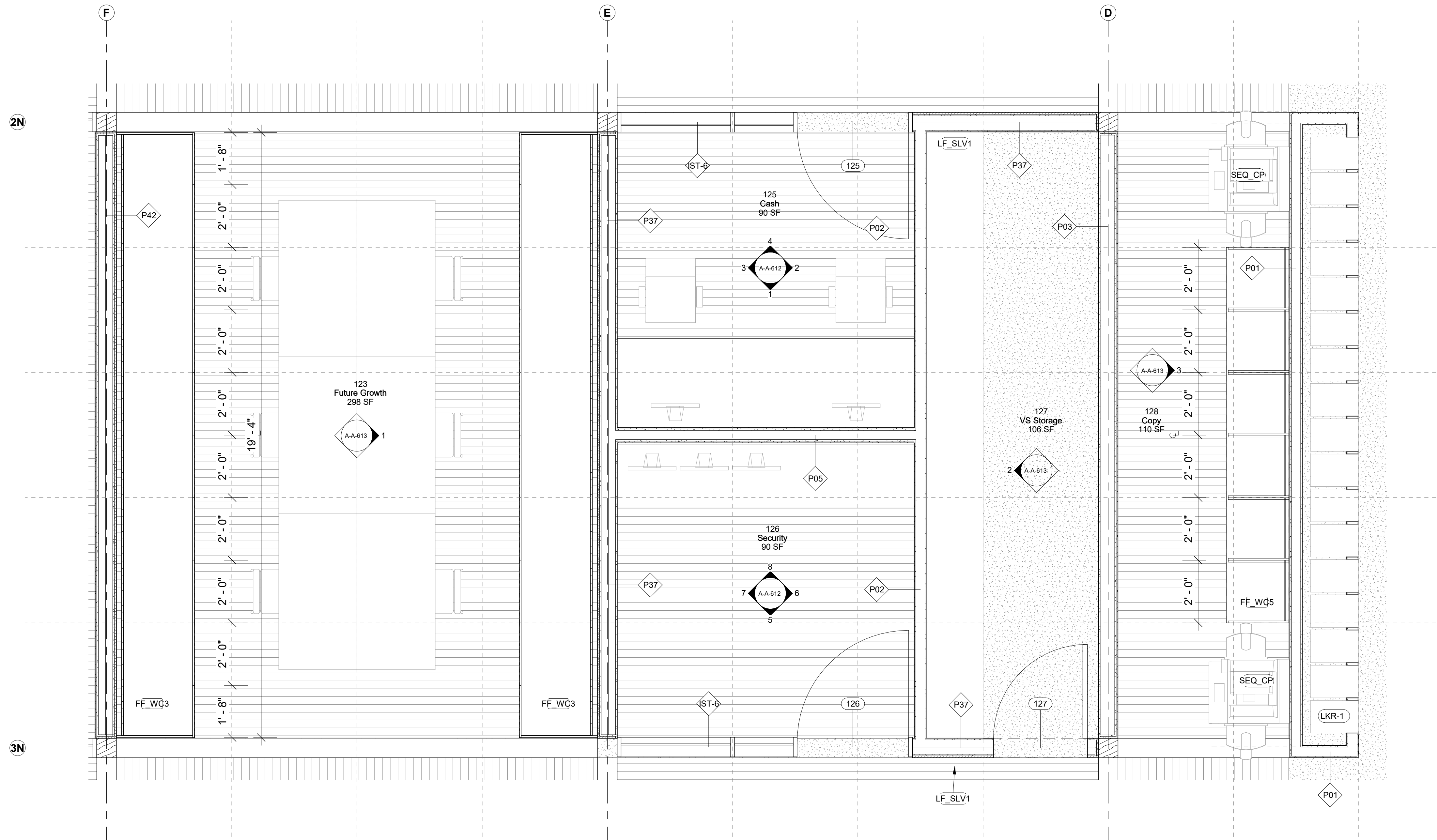
Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
120, 121**

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-610
Sheet Size	ARCH D



1 123, 125, 126, 127, 128 - Future Growth
1/2" = 1'-0"

Keynote Legend

Keynote	Description
---------	-------------

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

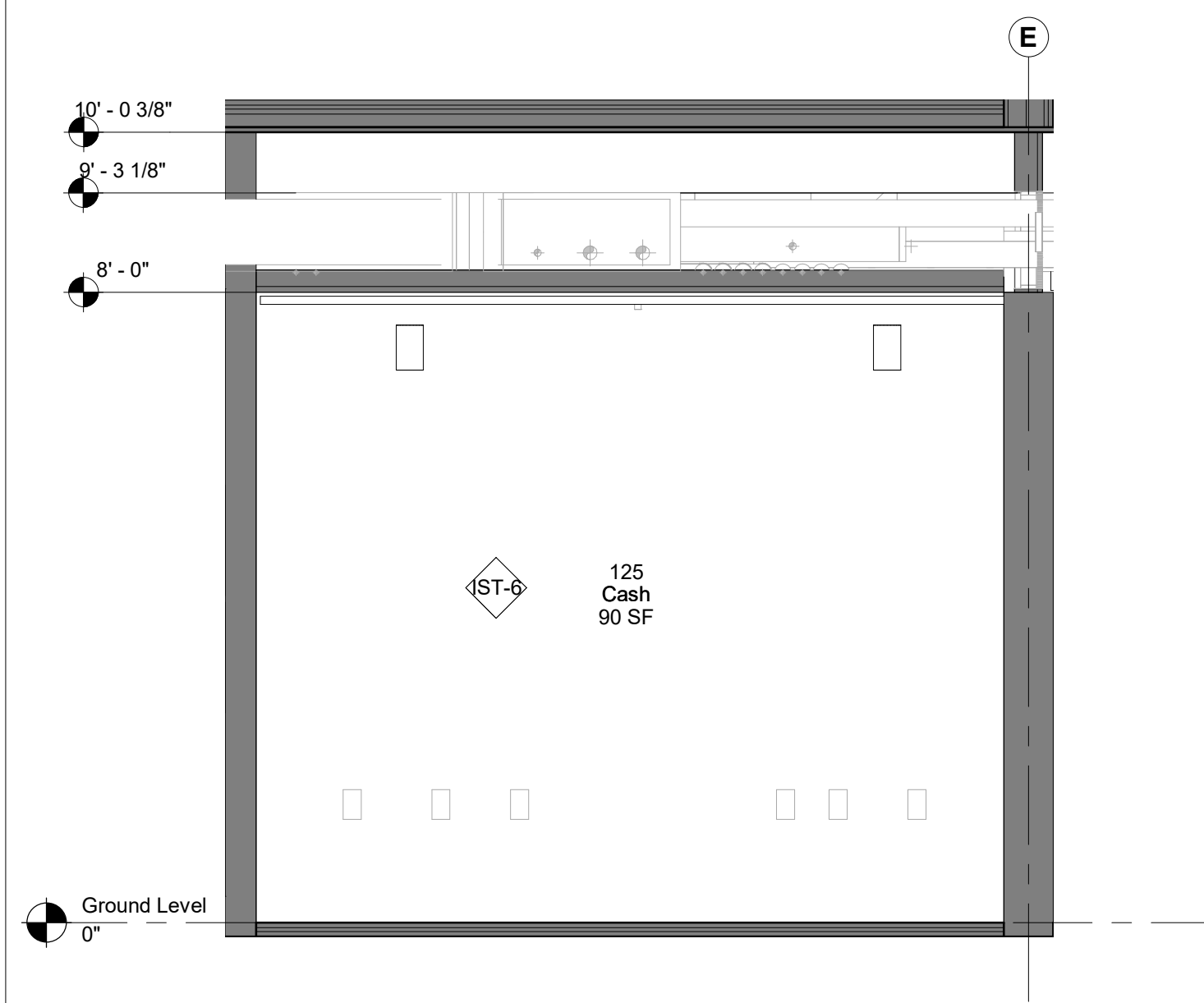
Seal

NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 123,
125, 126, 127, 128

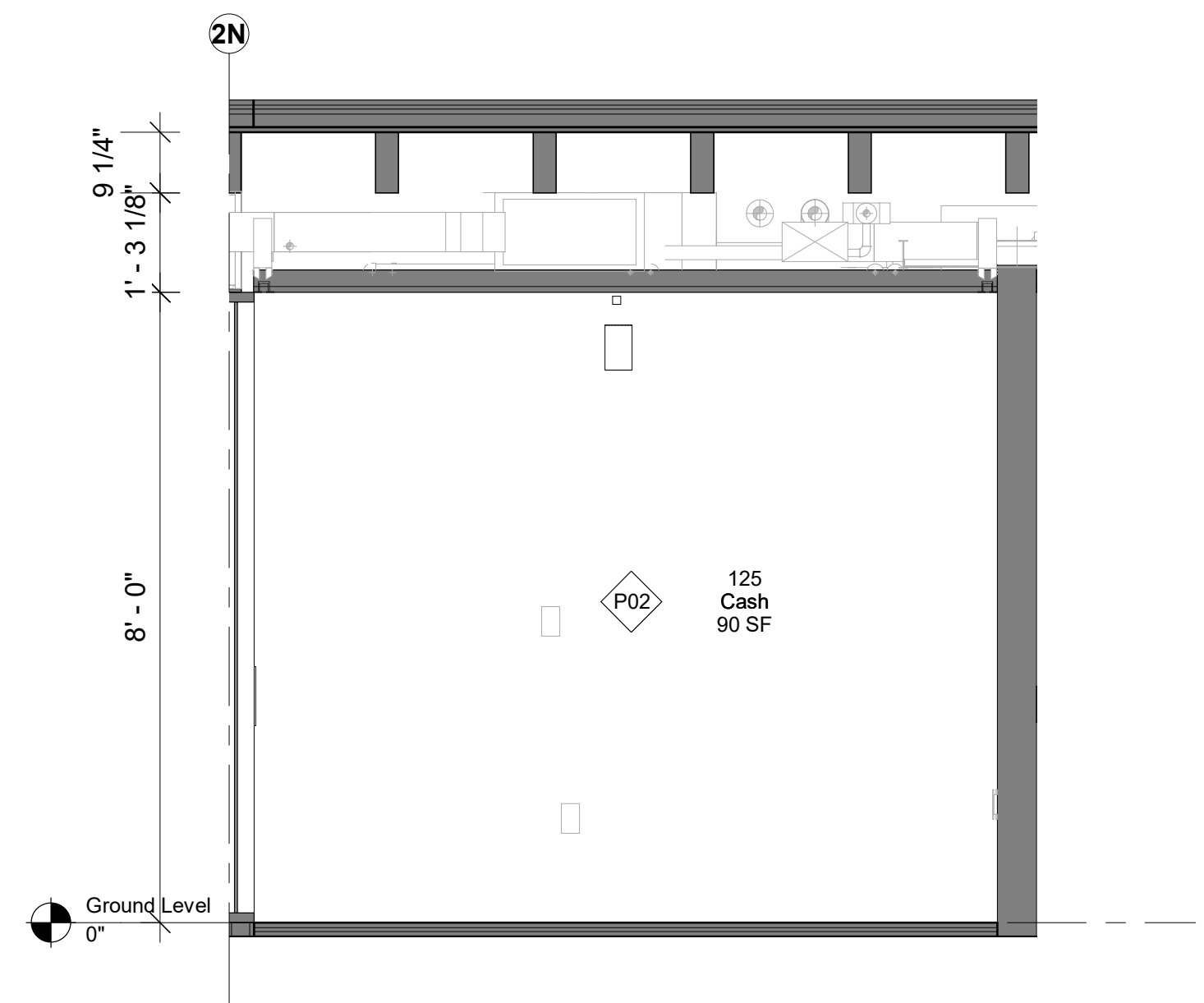
GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

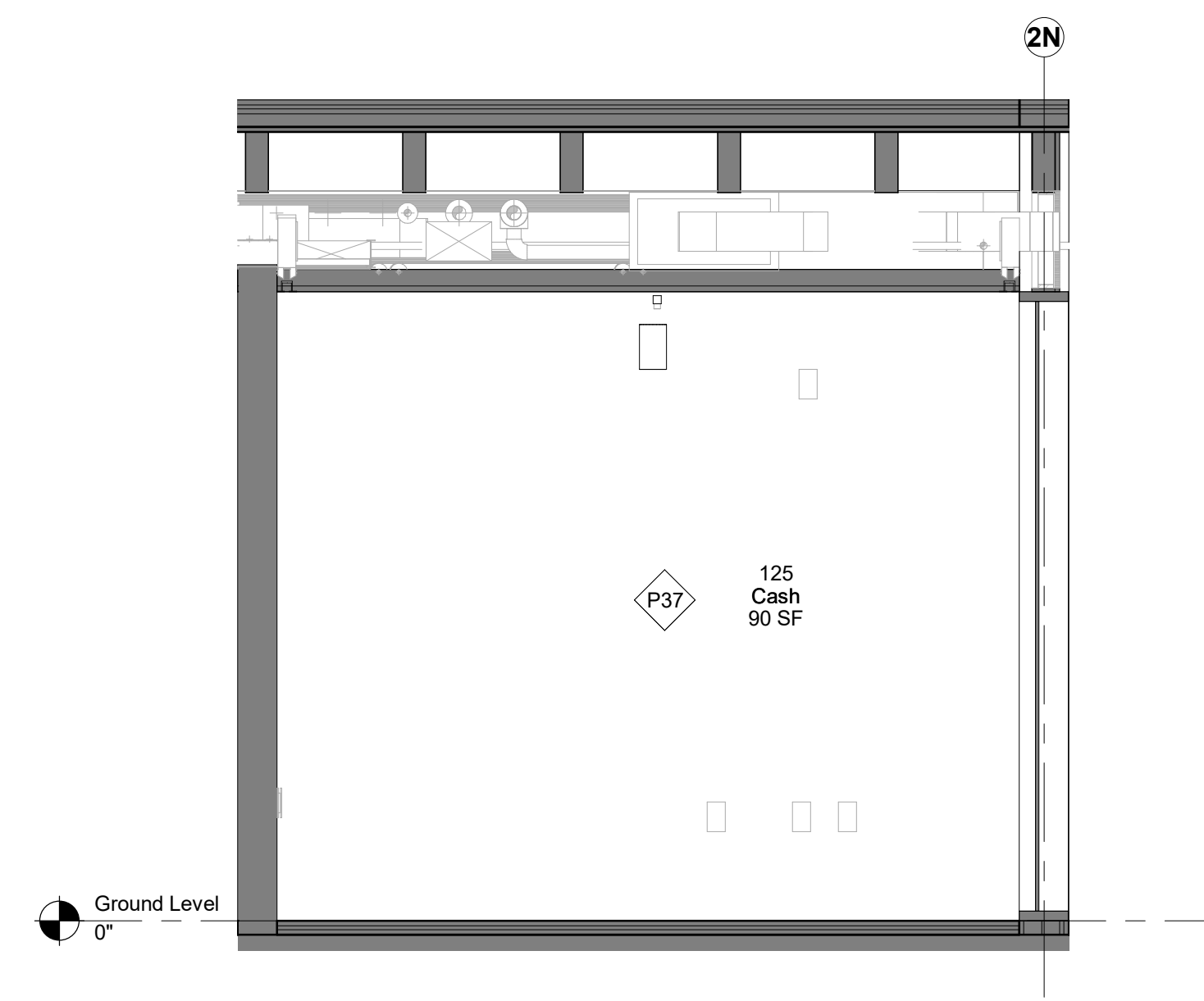
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Scale	1/2" = 1'-0"
Drawing Number	A-A-611
Sheet Size	ARCH D



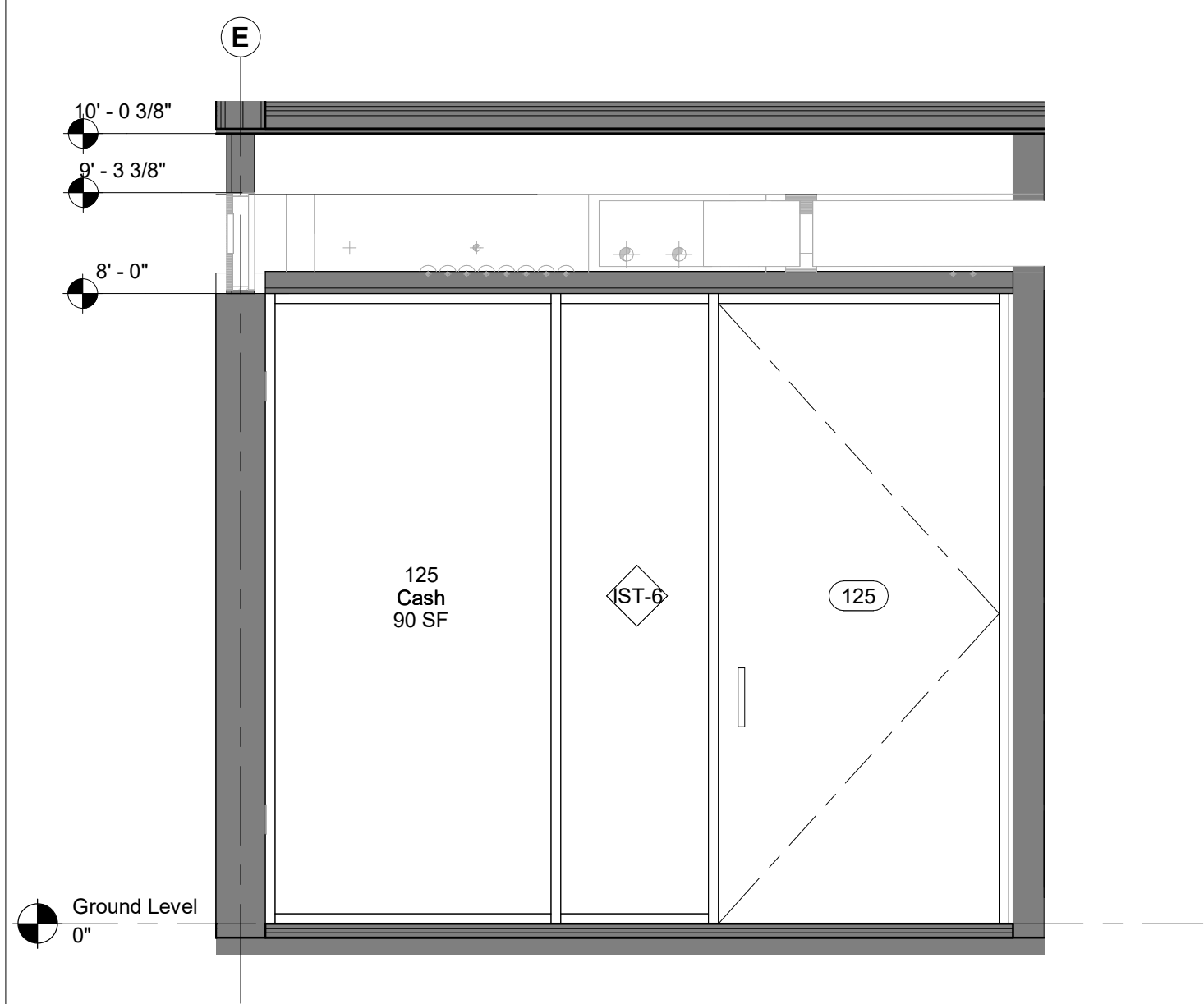
1 125 - Cash - East Elevation
1/2" = 1'-0"



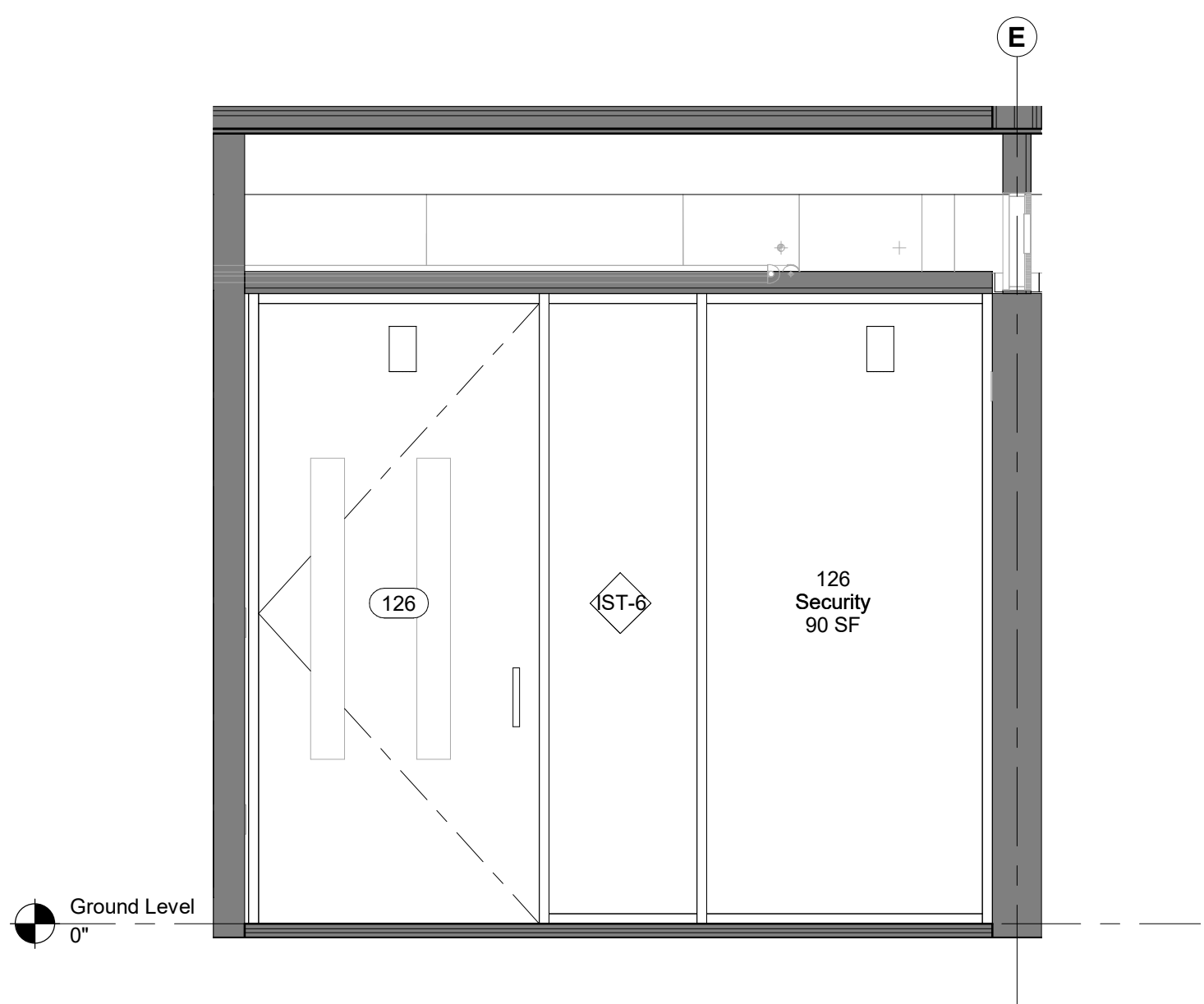
2 125 - Cash - North Elevation
1/2" = 1'-0"



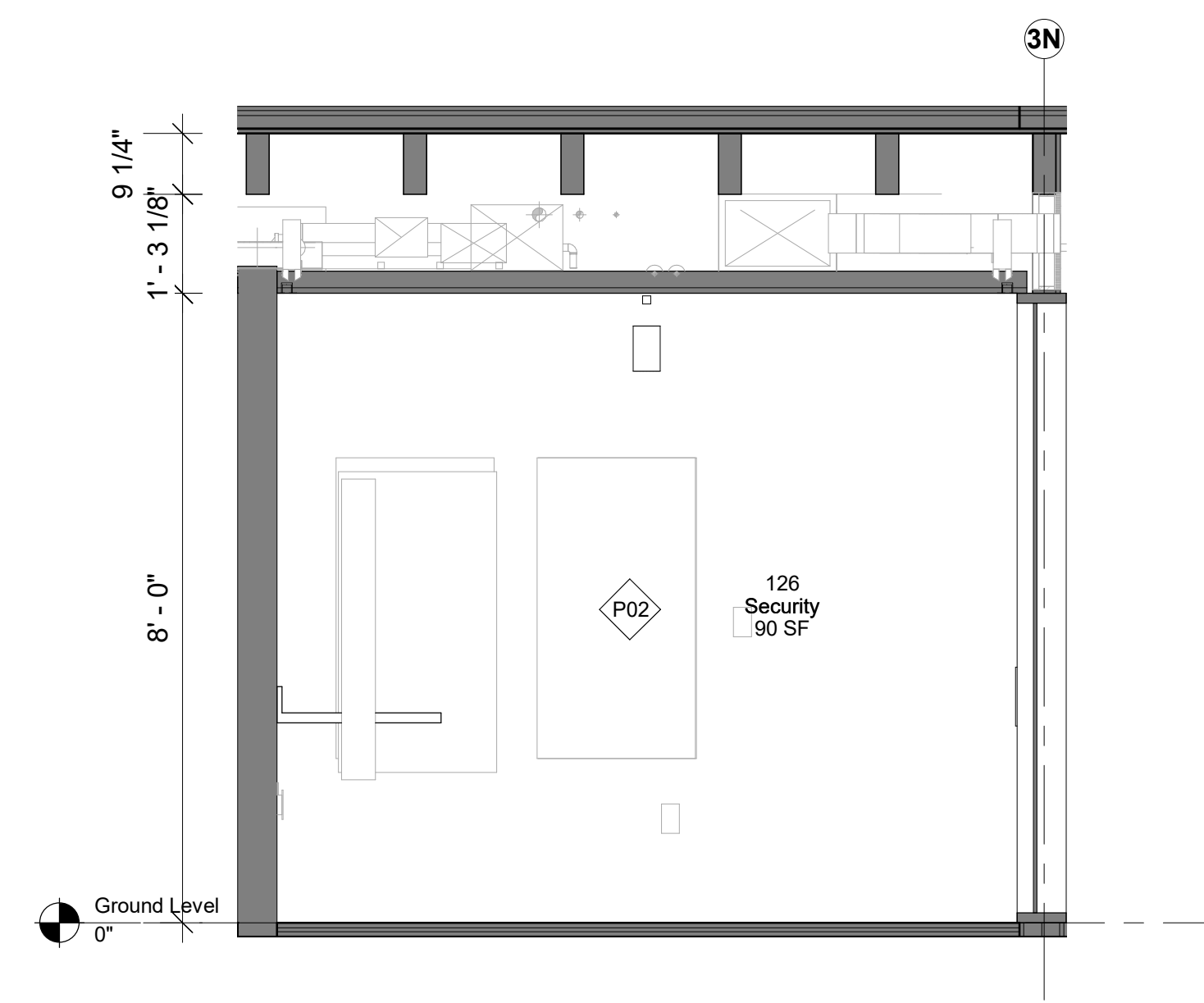
3 125 - Cash - South Elevation
1/2" = 1'-0"



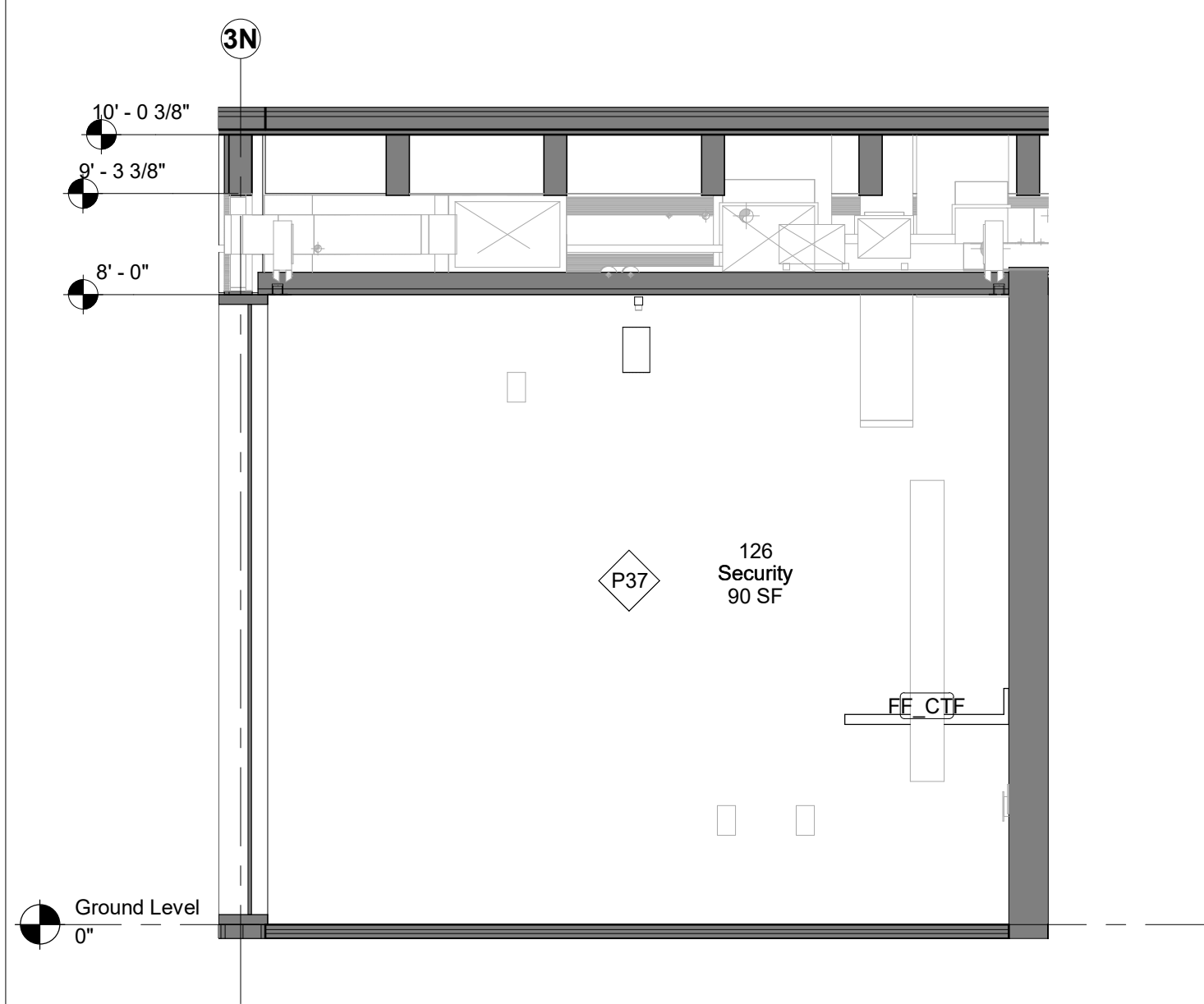
4 125 - Cash - West Elevation
1/2" = 1'-0"



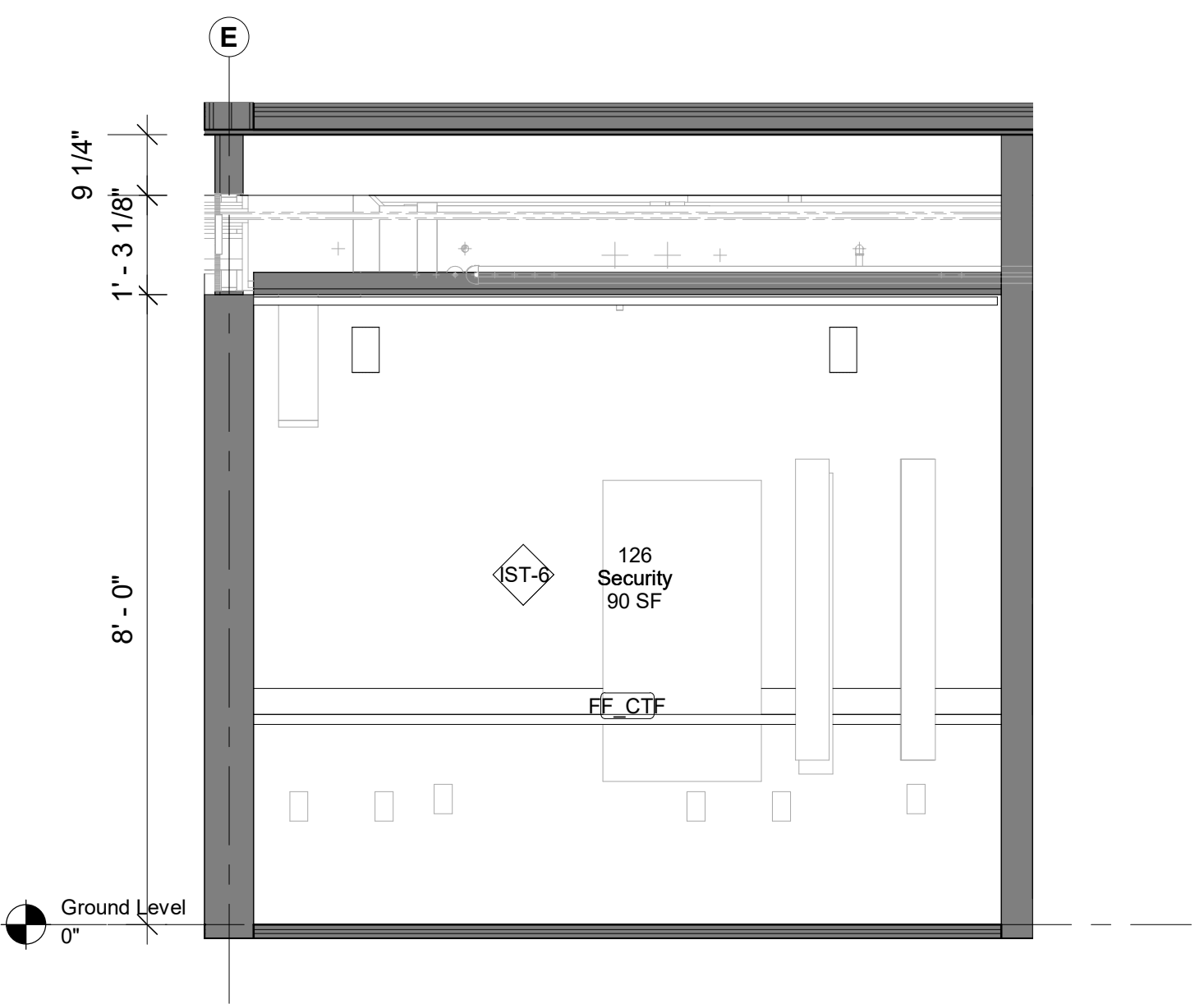
5 126 - Security - East Elevation
1/2" = 1'-0"



6 126 - Security - North Elevation
1/2" = 1'-0"



7 126 - Security - South Elevation
1/2" = 1'-0"



8 126 - Security - West Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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Design Architect
heneghan peng architects
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

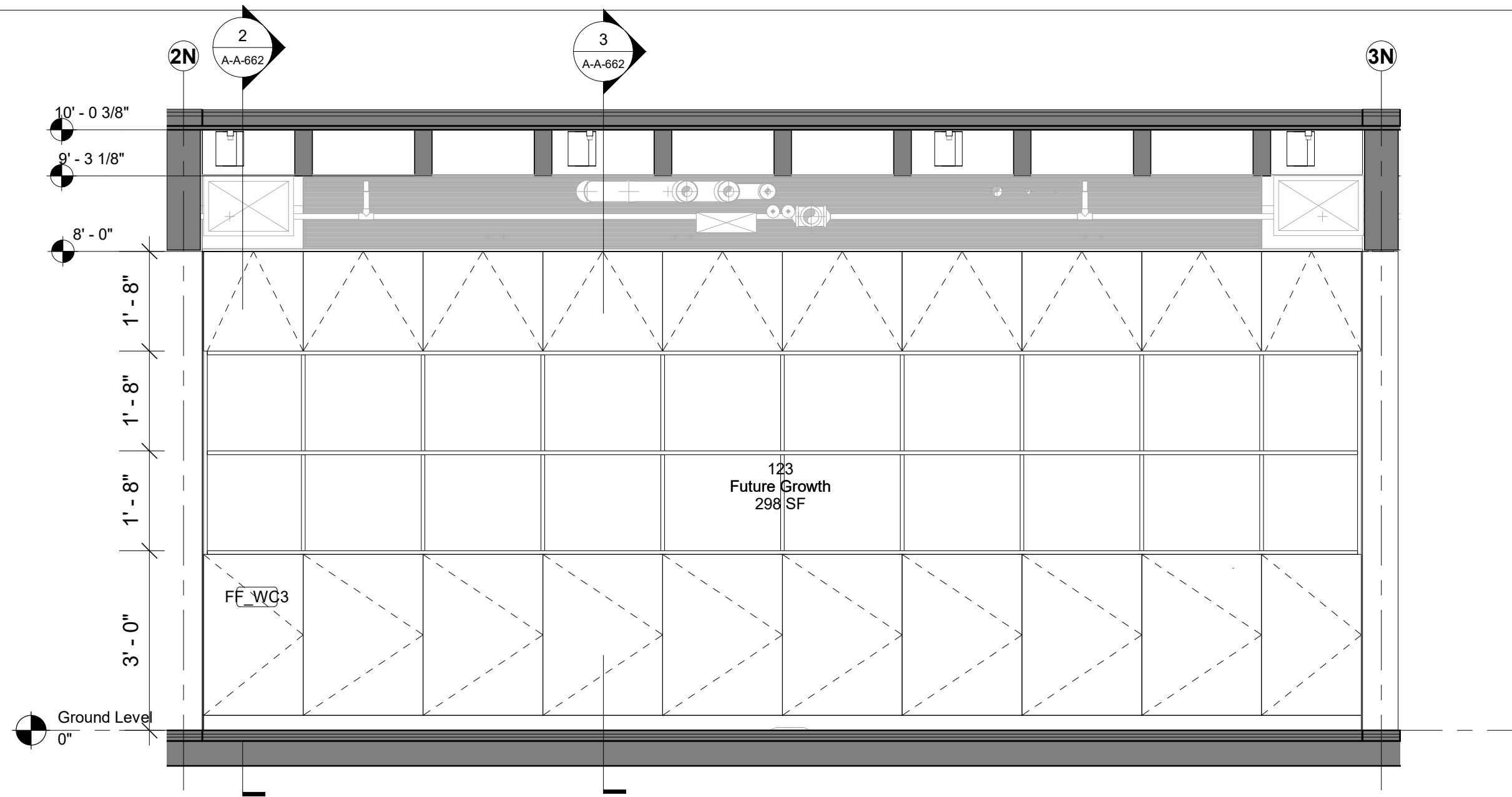
Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
125, 126

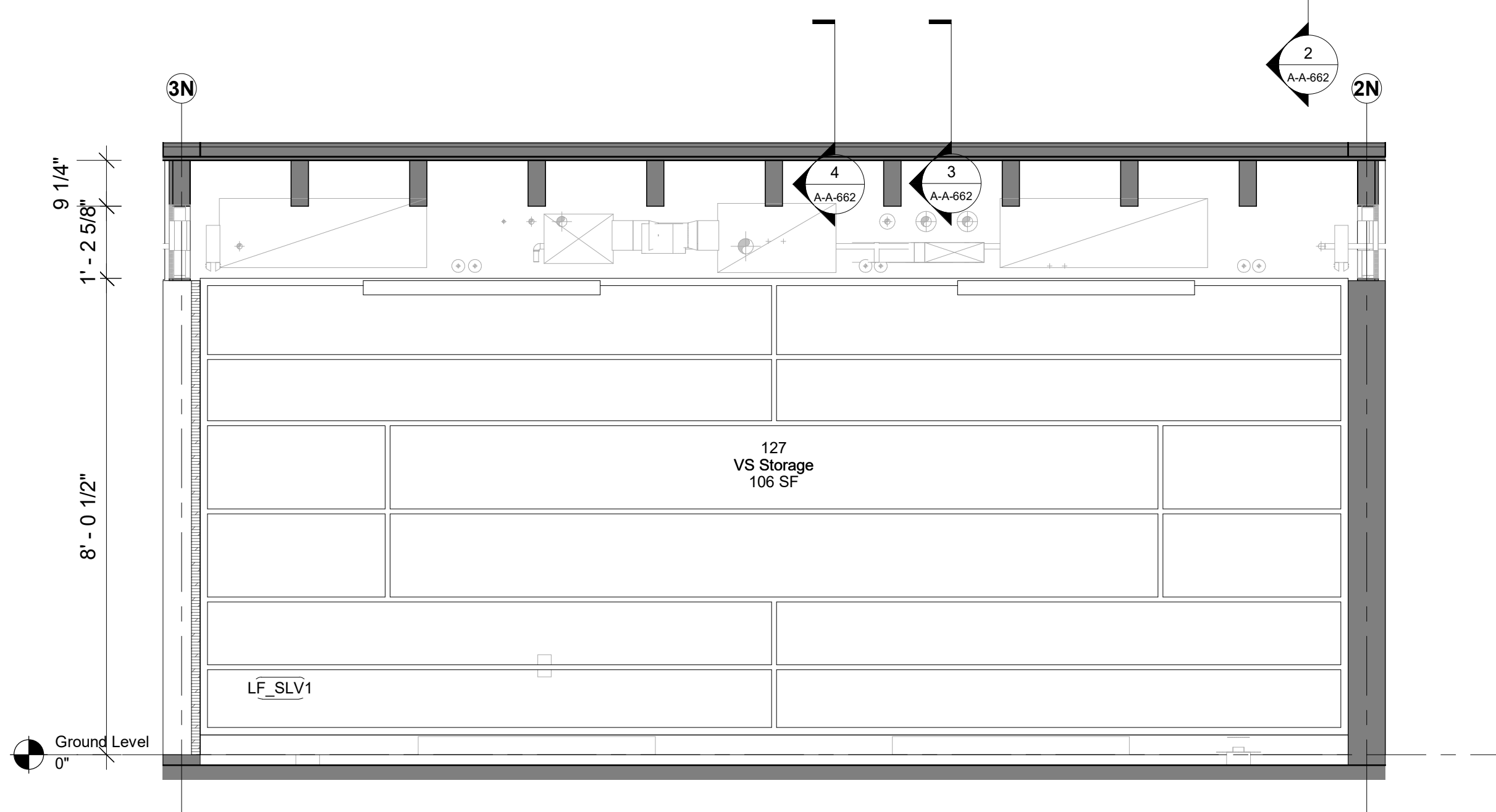
Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-612
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

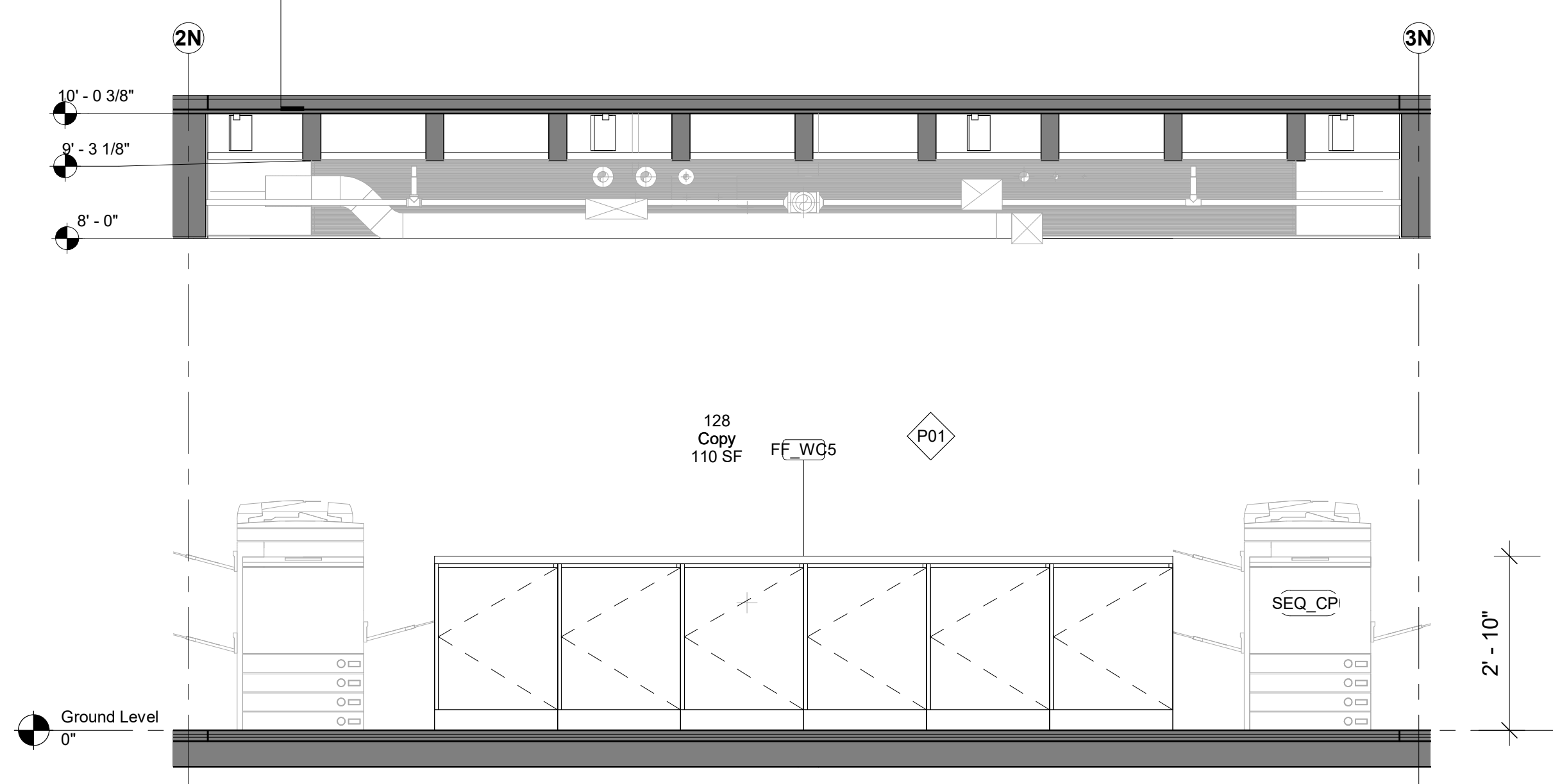
STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE



1 123 - Future Growth - North Elevation
1/2" = 1'-0"



2 127 - VS Storage - South Elevation
1/2" = 1'-0"



3 128 - Copy - North Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

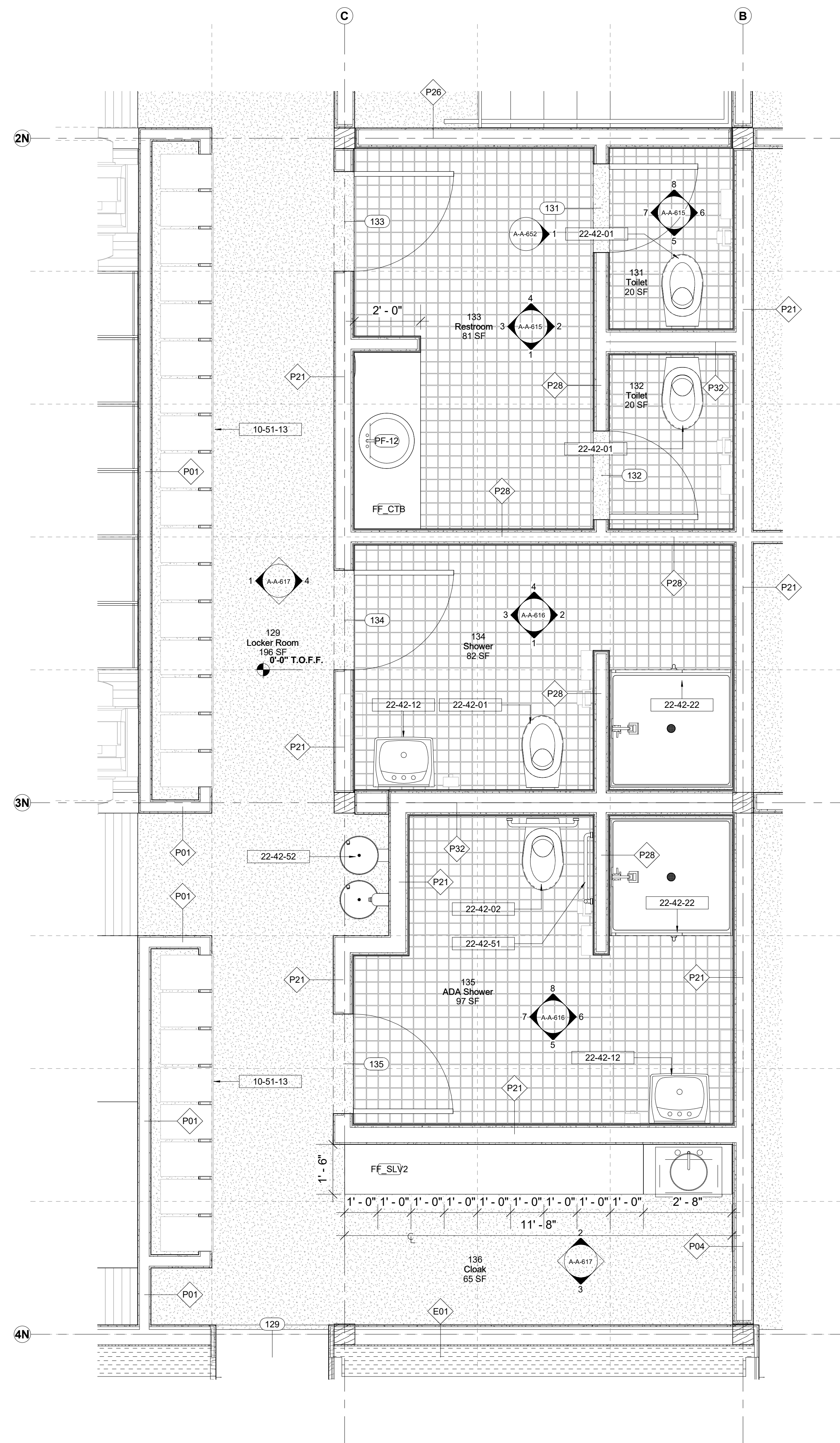
Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
123, 127, 128

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-613
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE



Keynote Legend	
Keynote	Description
10-51-13	Lockers
22-42-01	WC Toilet
22-42-02	ADA Toilet
22-42-12	ADA WHB
22-42-22	Shower
22-42-51	ADA Grab Rails
22-42-52	ADA Drinking Fountain

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Key Plan

Description	Date
50% Construction Documents	11/06/20

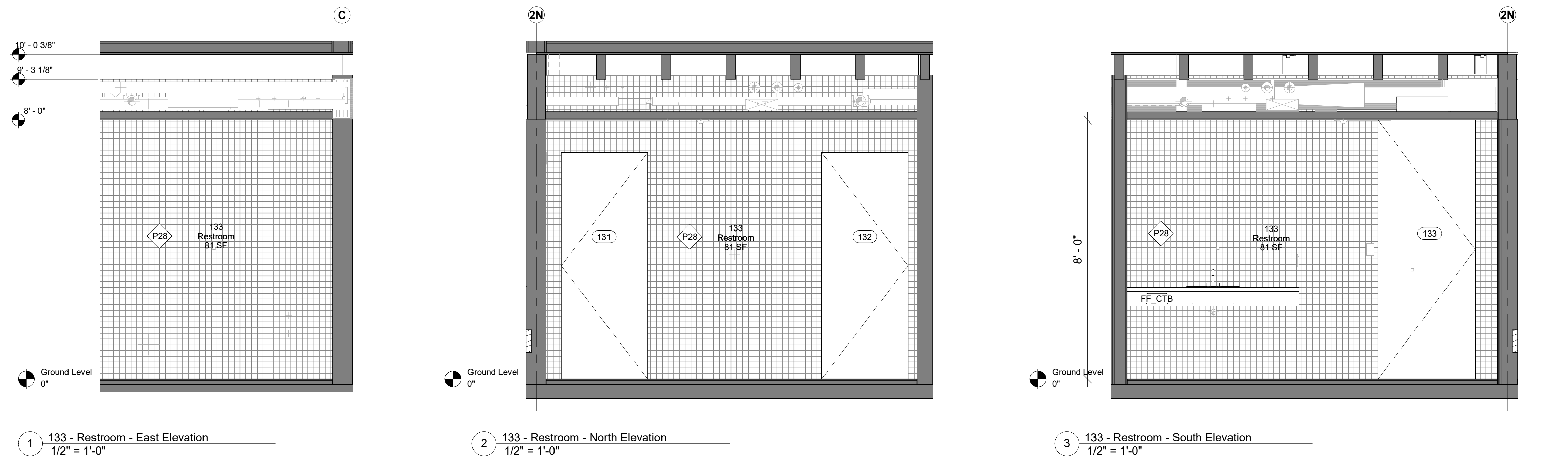
Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Room Plans - 129,
 131, 132, 133, 134,
 135, 136

Date	11/06/20
Scale	As indicated
Drawing Number	A-A-614
Sheet Size	ARCH D

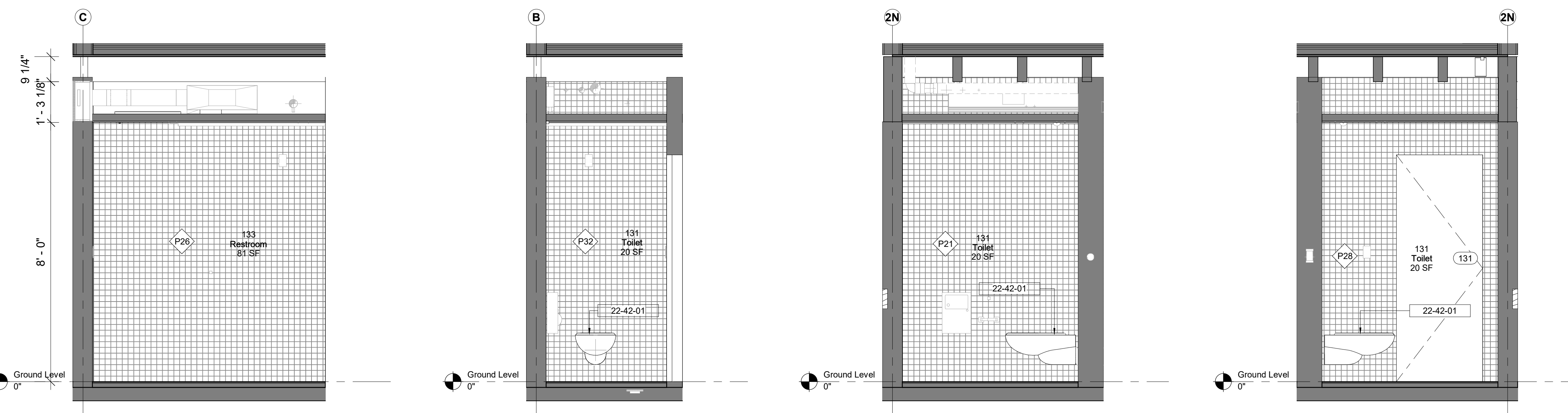
GENERAL NOTE RESTROOM APPLIANCES:
 ALL WALL MOUNTED APPLIANCES ARE TO BE INSET FLUSH TO FACE OF WALL



1 133 - Restroom - East Elevation
1/2" = 1'-0"

2 133 - Restroom - North Elevation
1/2" = 1'-0"

3 133 - Restroom - South Elevation
1/2" = 1'-0"

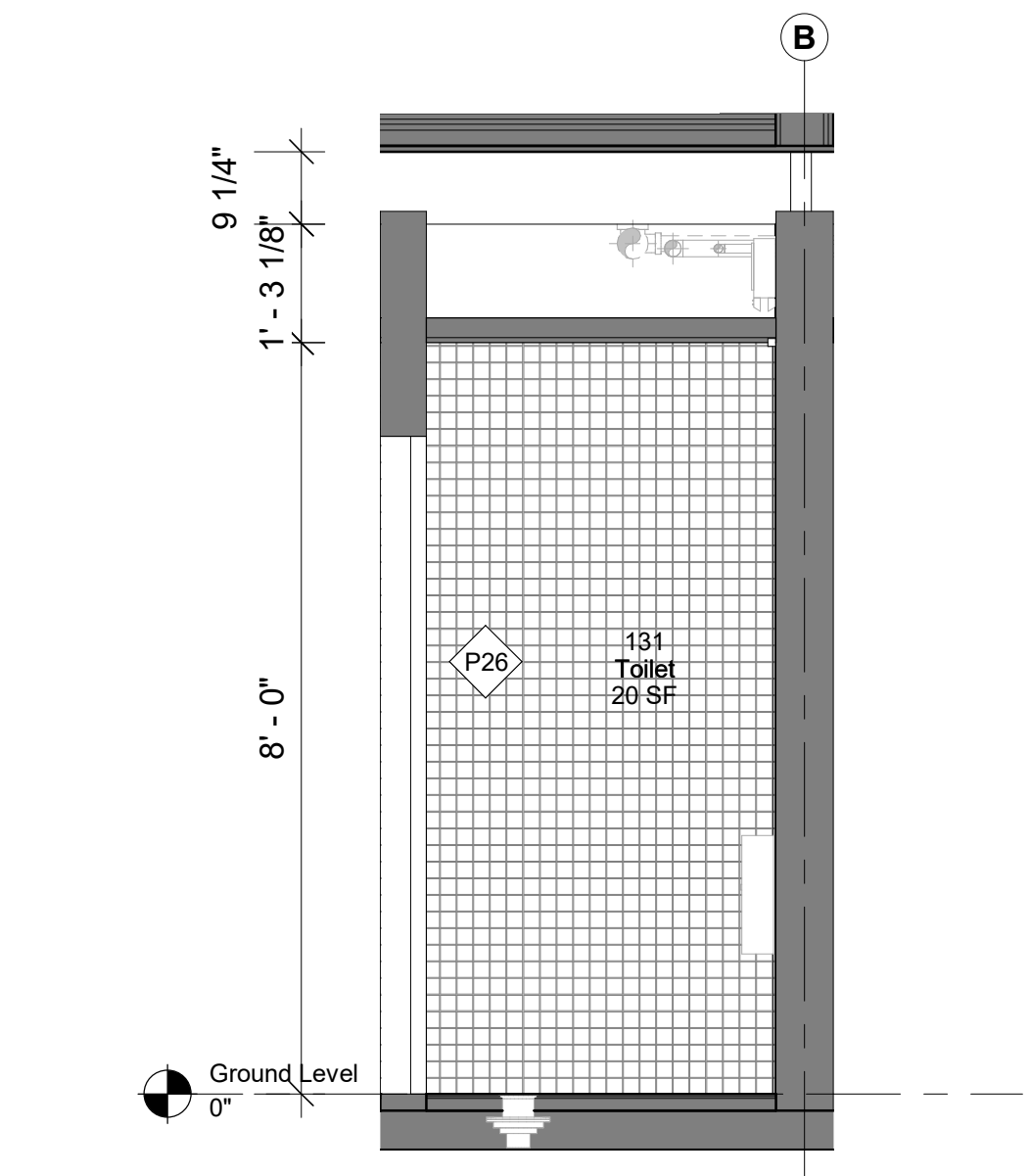


4 133 - Restroom - West Elevation
1/2" = 1'-0"

5 131 - Toilet - East Elevation
1/2" = 1'-0"

6 131 - Toilet - North Elevation
1/2" = 1'-0"

7 131 - Toilet - South Elevation
1/2" = 1'-0"



8 131 - Toilet - West Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
22-42-01	WC Toilet

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Key Plan

Description	Date
50% Construction Documents	11/06/20

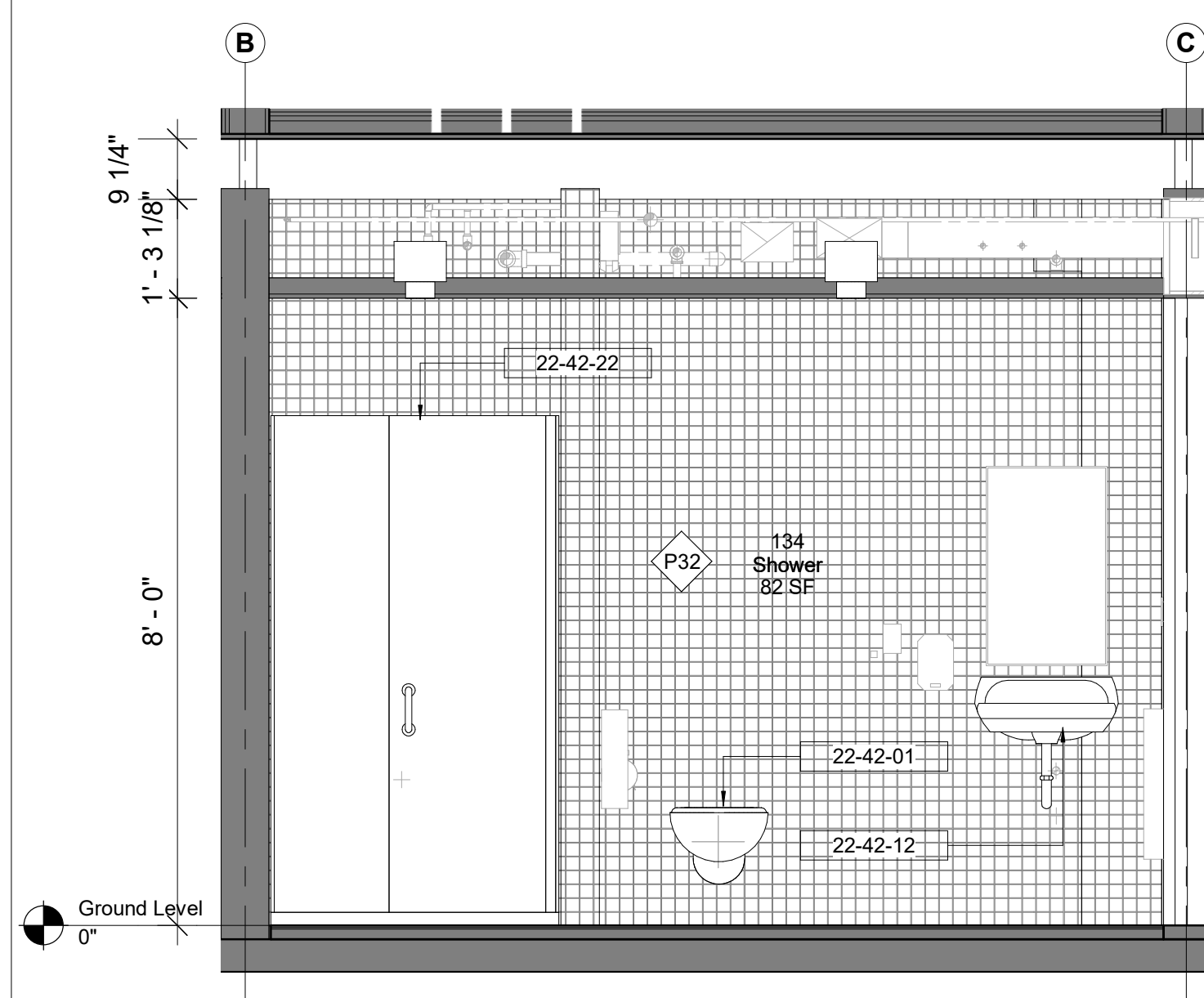
Project
Storm King Art Center Administration Building

Seal

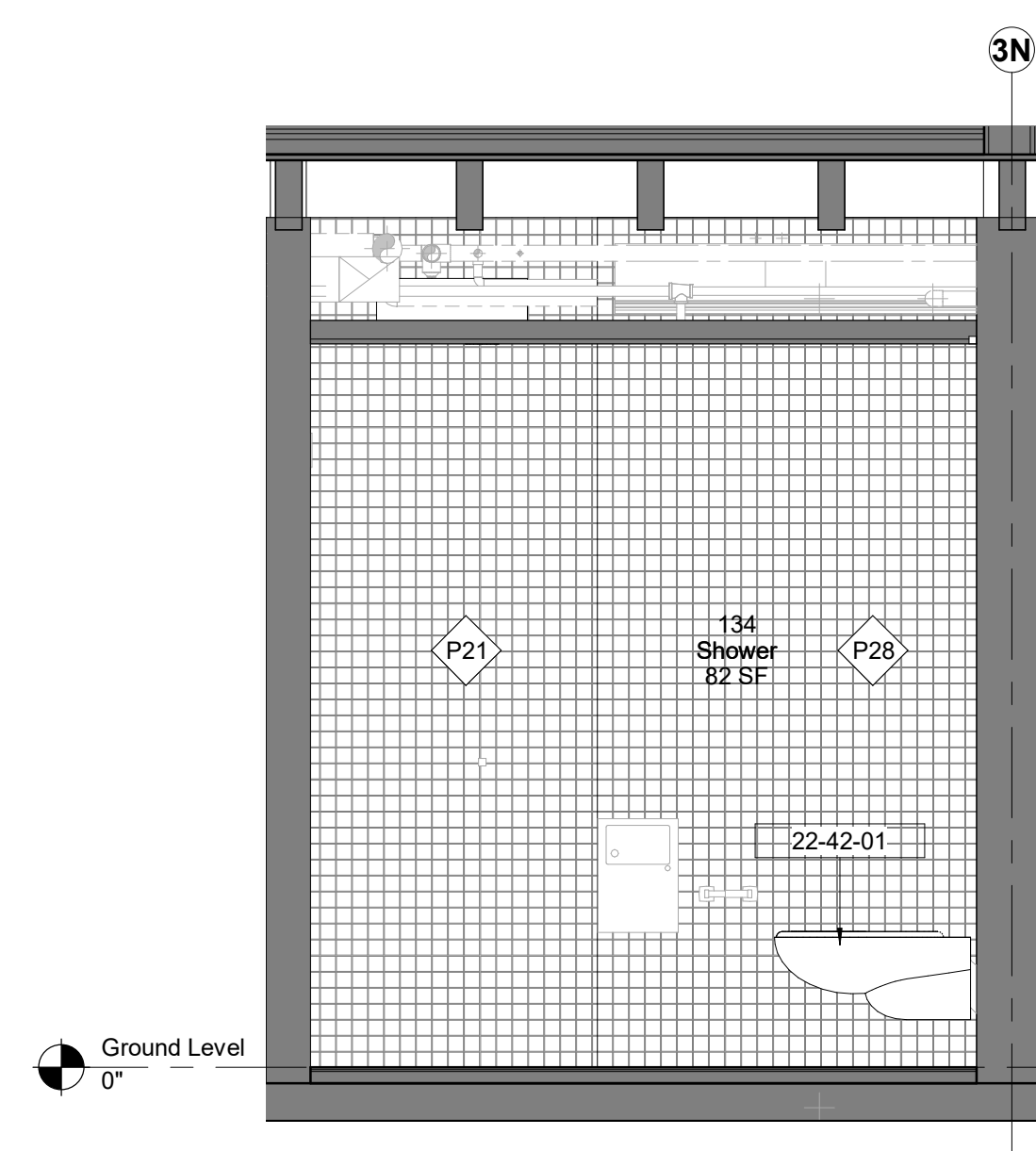
NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations - 131, 133

GENERAL NOTE RESTROOM APPLIANCES:
ALL WALL MOUNTED APPLIANCES ARE TO BE INSET FLUSH TO FACE OF WALL

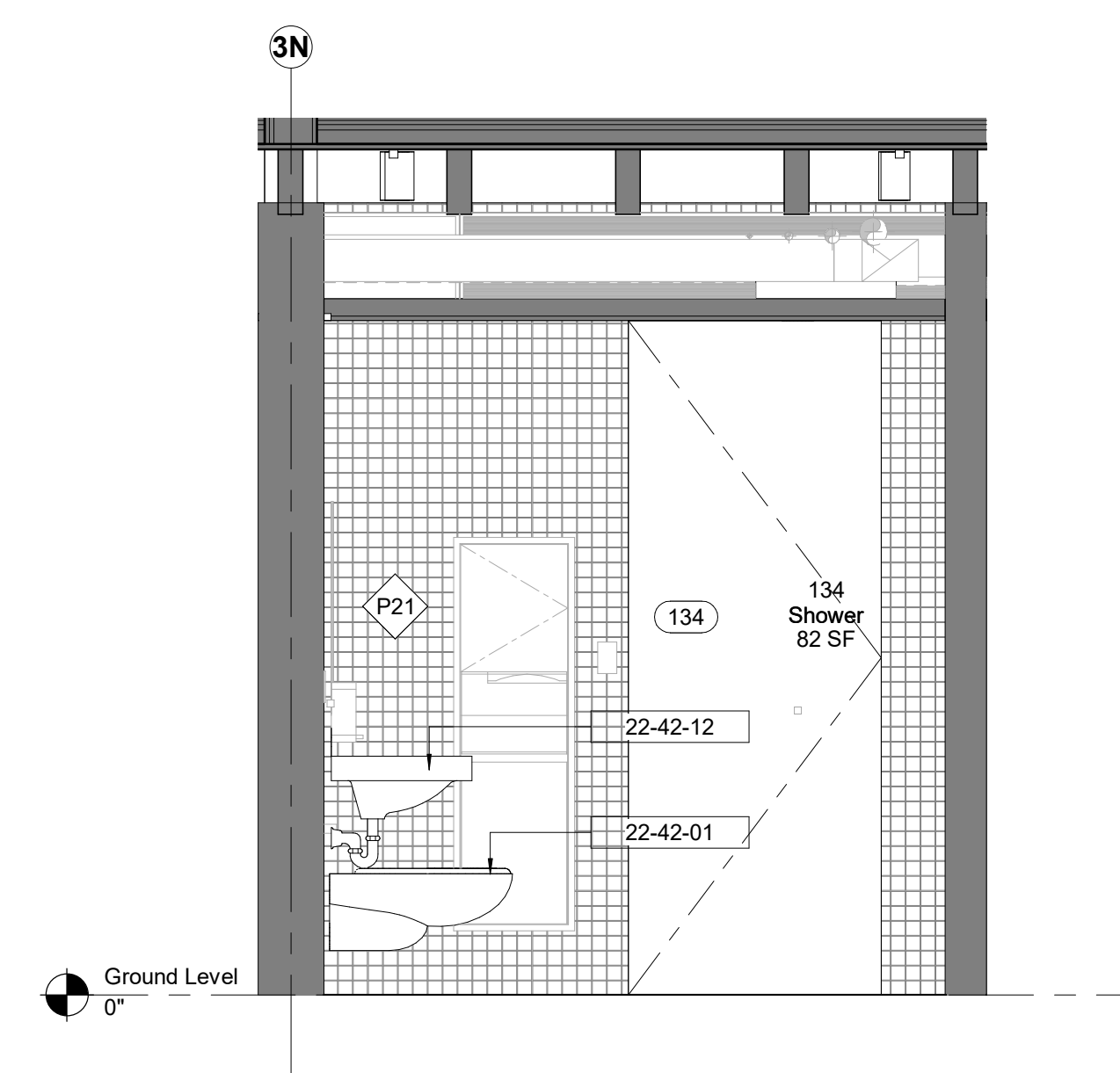
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-615
Sheet Size	ARCH D



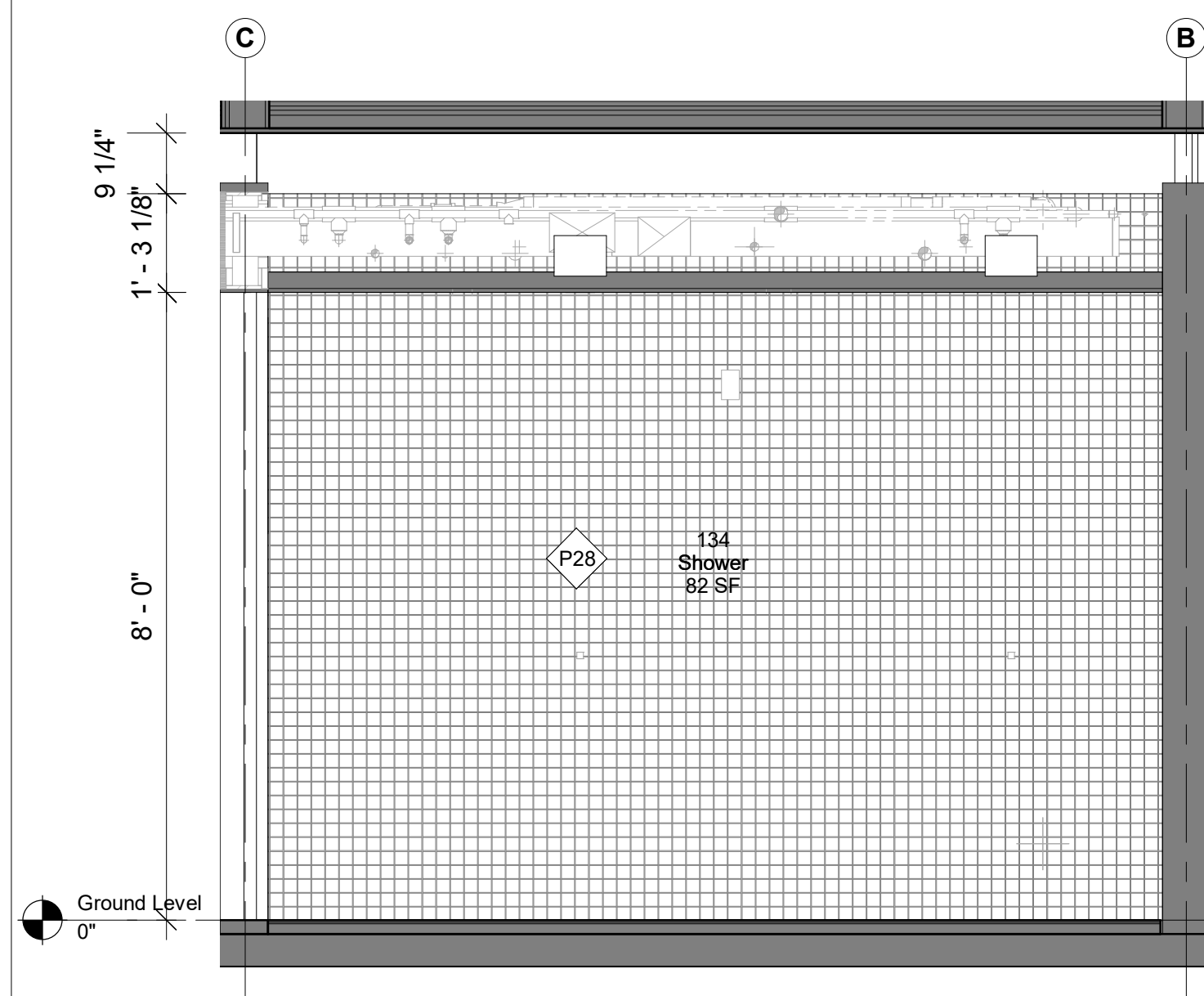
1 134 - Shower - East Elevation
1/2" = 1'-0"



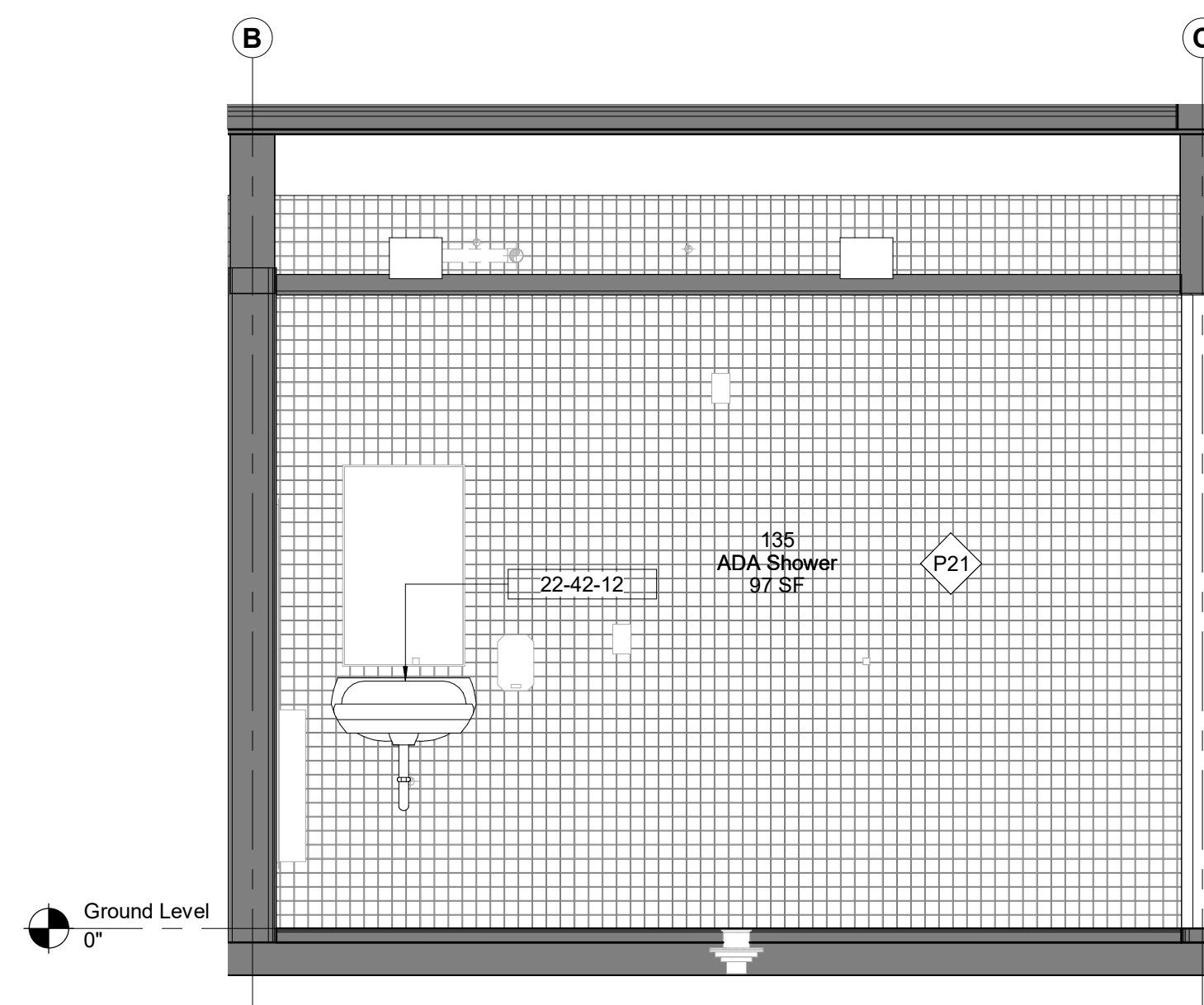
2 134 - Shower - North Elevation
1/2" = 1'-0"



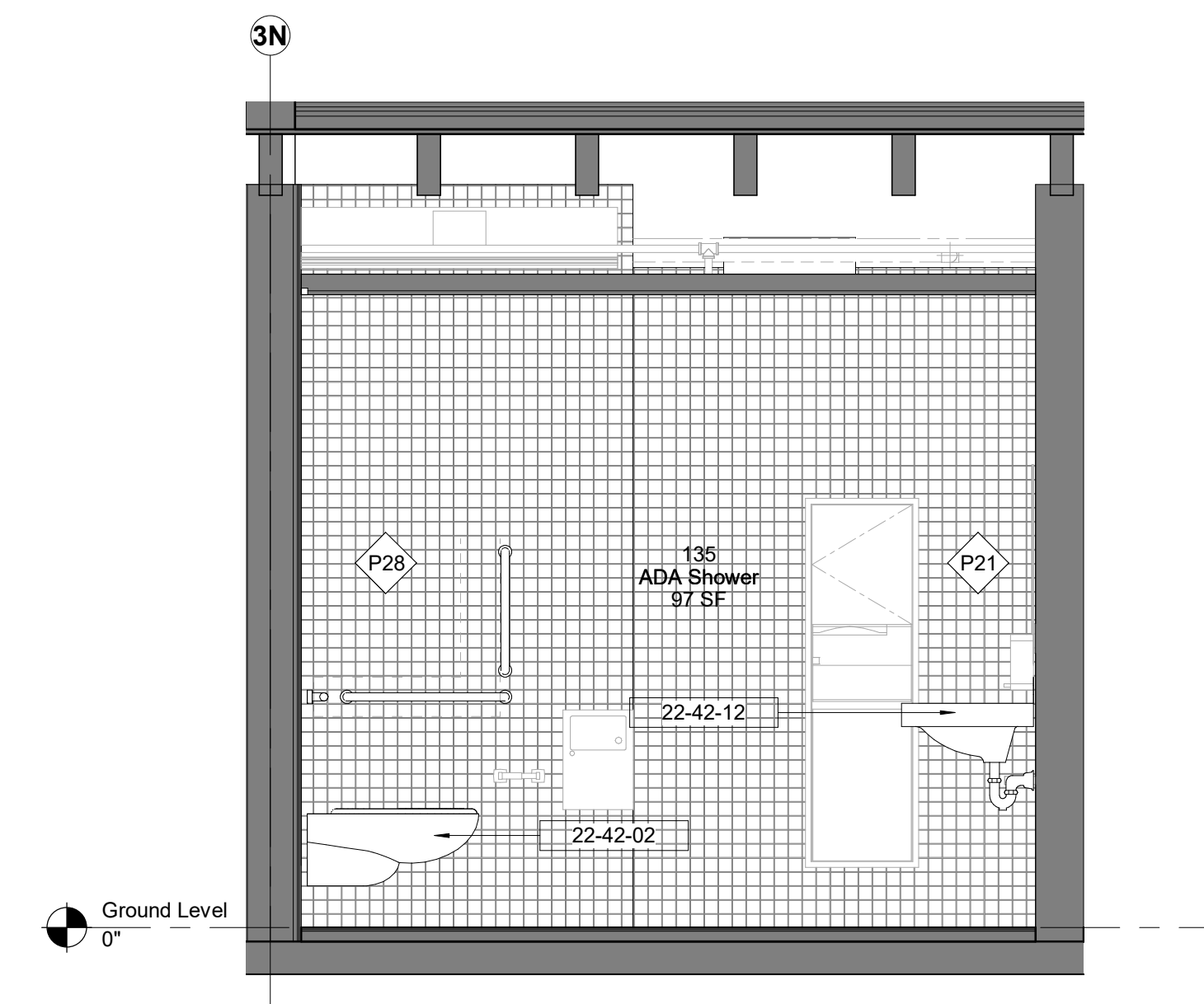
3 134 - Shower - South Elevation
1/2" = 1'-0"



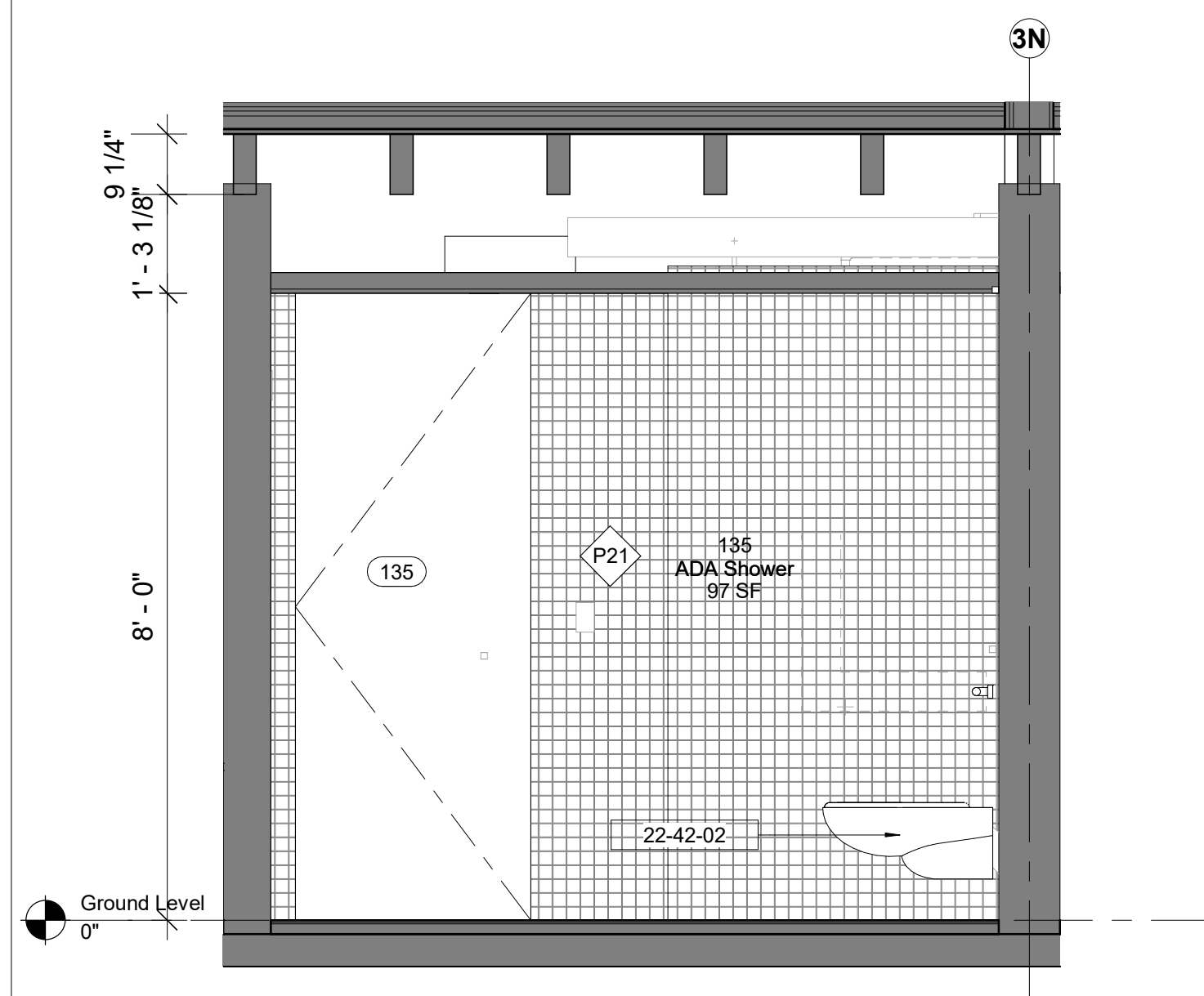
4 134 - Shower - West Elevation
1/2" = 1'-0"



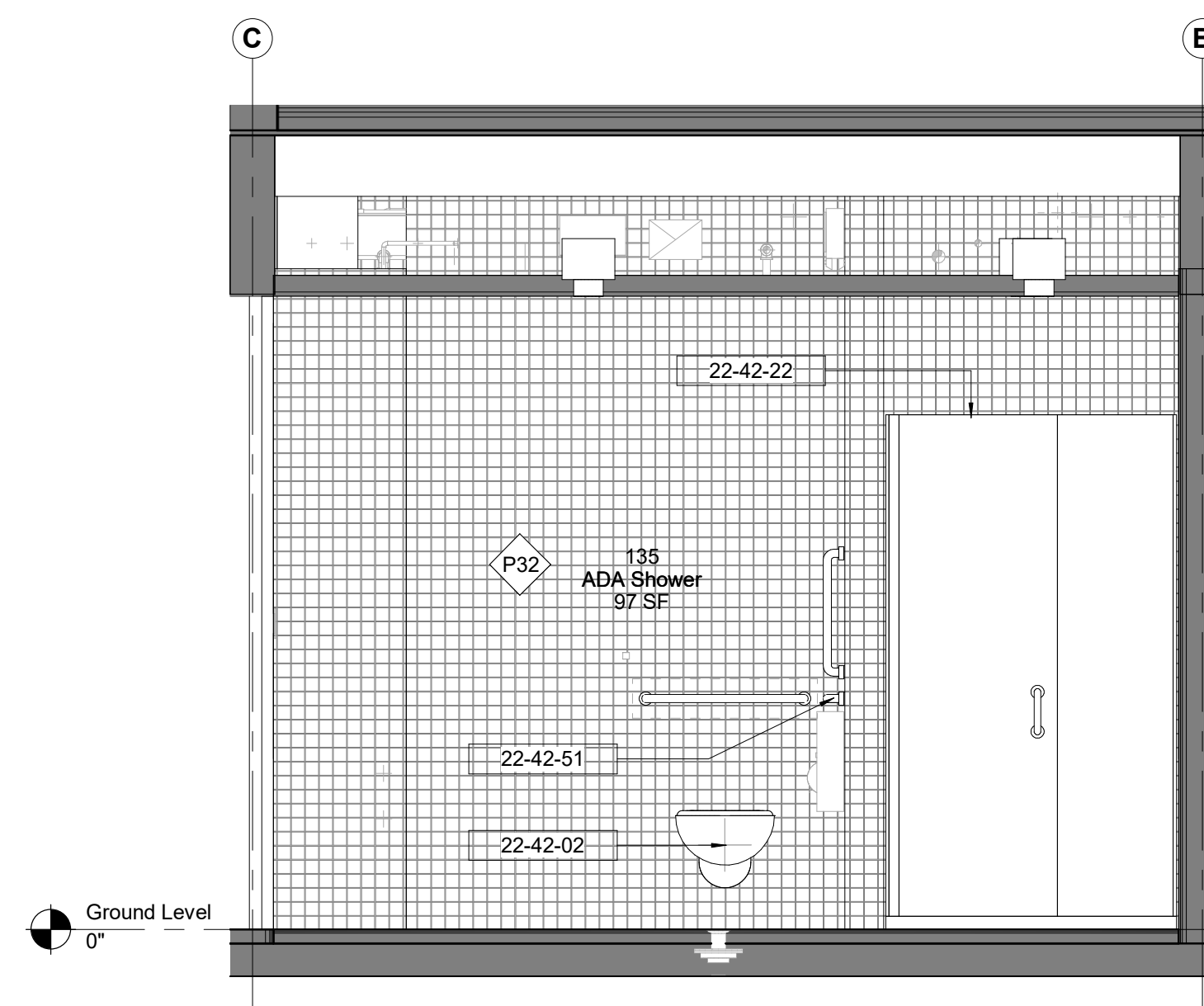
5 135 - ADA Shower - East Elevation
1/2" = 1'-0"



6 135 - ADA Shower - North Elevation
1/2" = 1'-0"



7 135 - ADA Shower - South Elevation
1/2" = 1'-0"



8 135 - ADA Shower - West Elevation
1/2" = 1'-0"

Keynote Legend

Keynote	Description
22-42-01	WC Toilet
22-42-02	ADA Toilet
22-42-12	ADA WHB
22-42-22	Shower
22-42-51	ADA Grab Rails

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

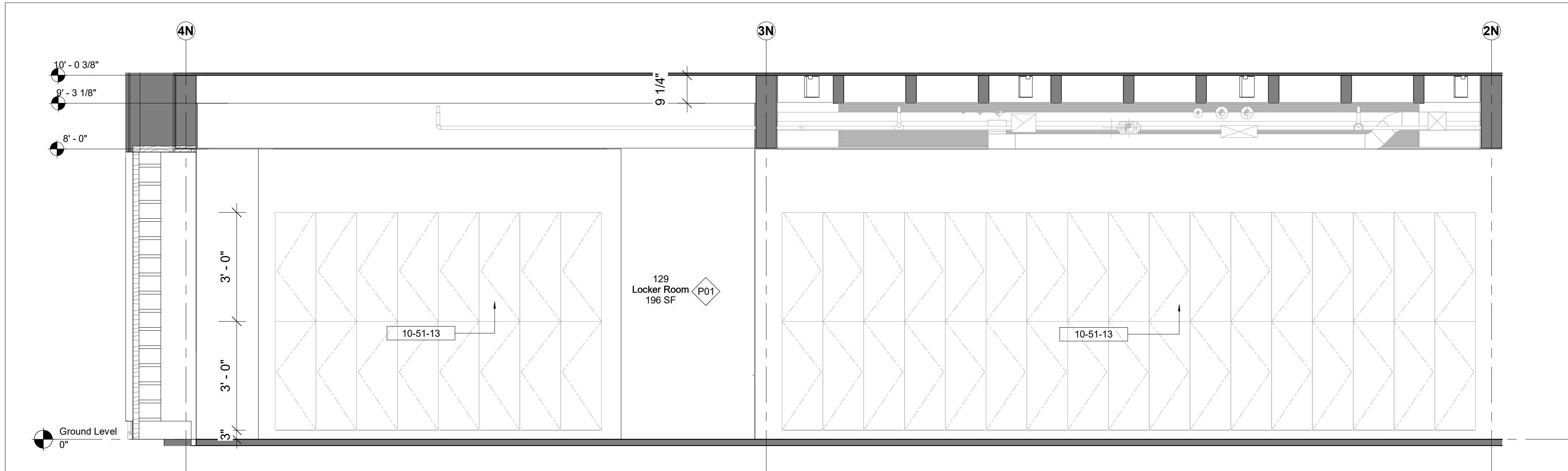
Seal

NOT FOR CONSTRUCTION

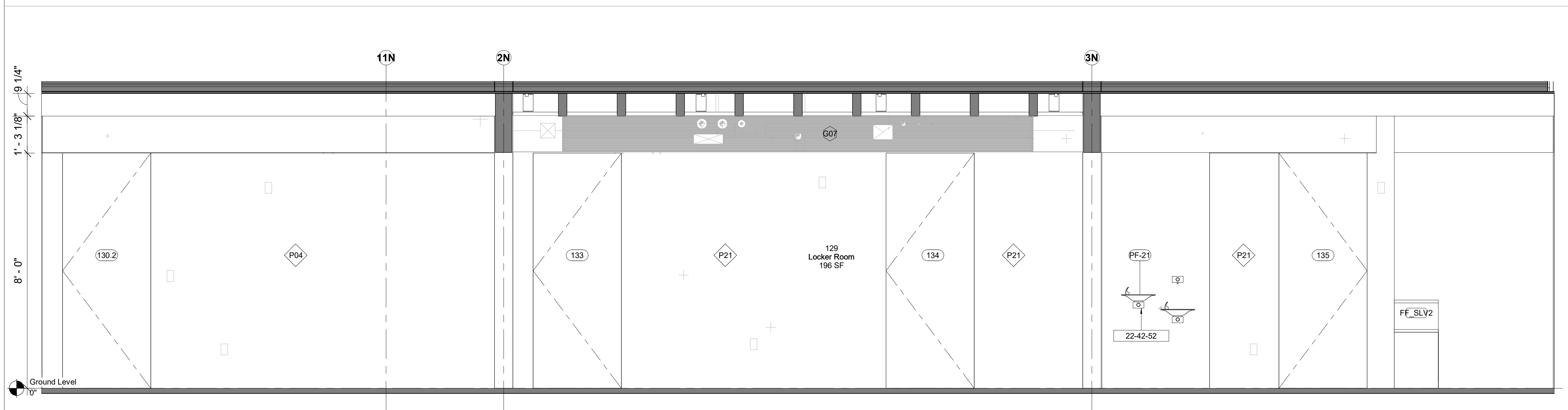
Drawing Title
**Interior Elevations -
134, 135**

**GENERAL NOTE RESTROOM
APPLIANCES:**
ALL WALL MOUNTED APPLIANCES
ARE TO BE INSET FLUSH TO FACE
OF WALL

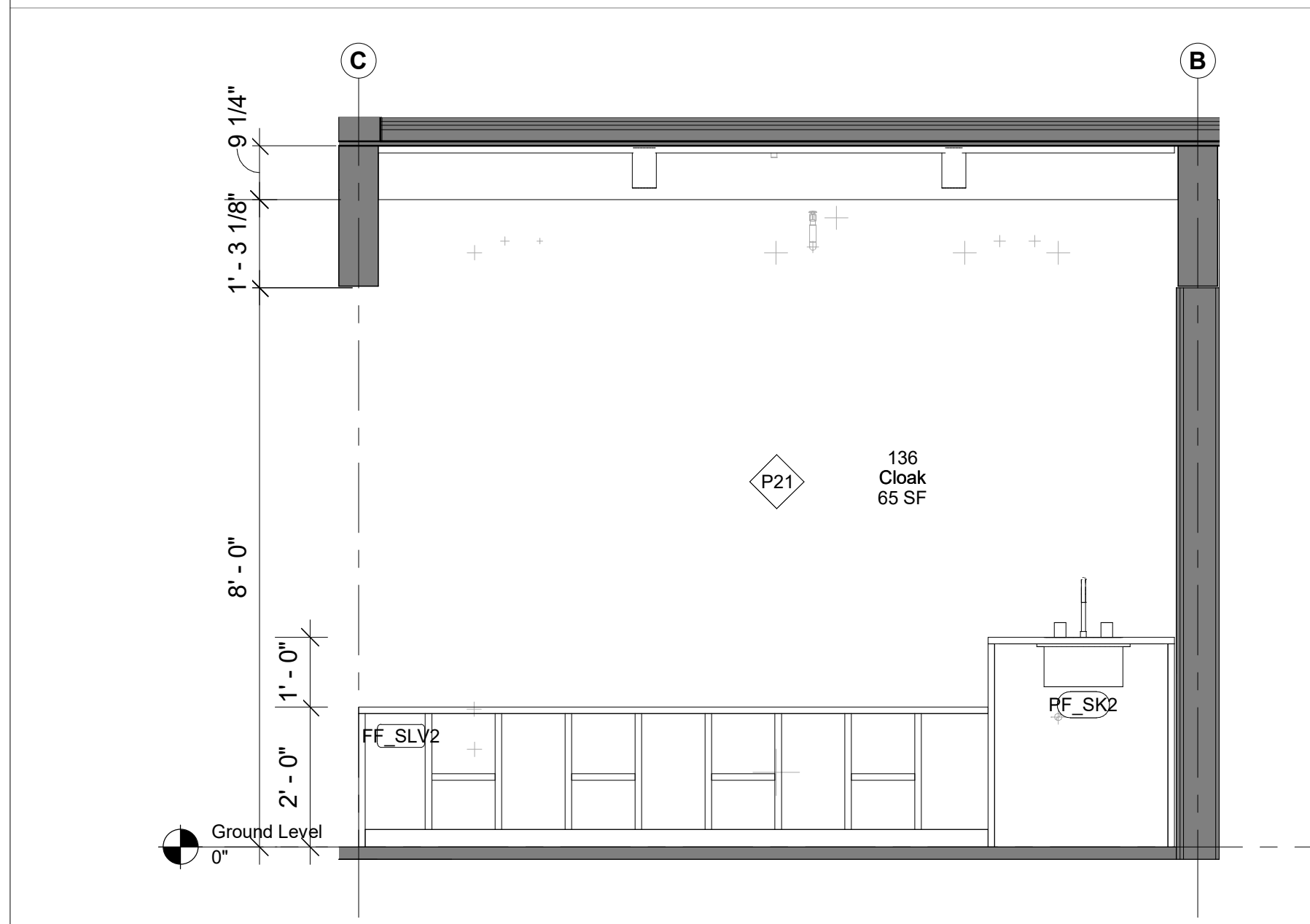
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Scale	As indicated
Drawing Number	A-A-616
Sheet Size	ARCH D



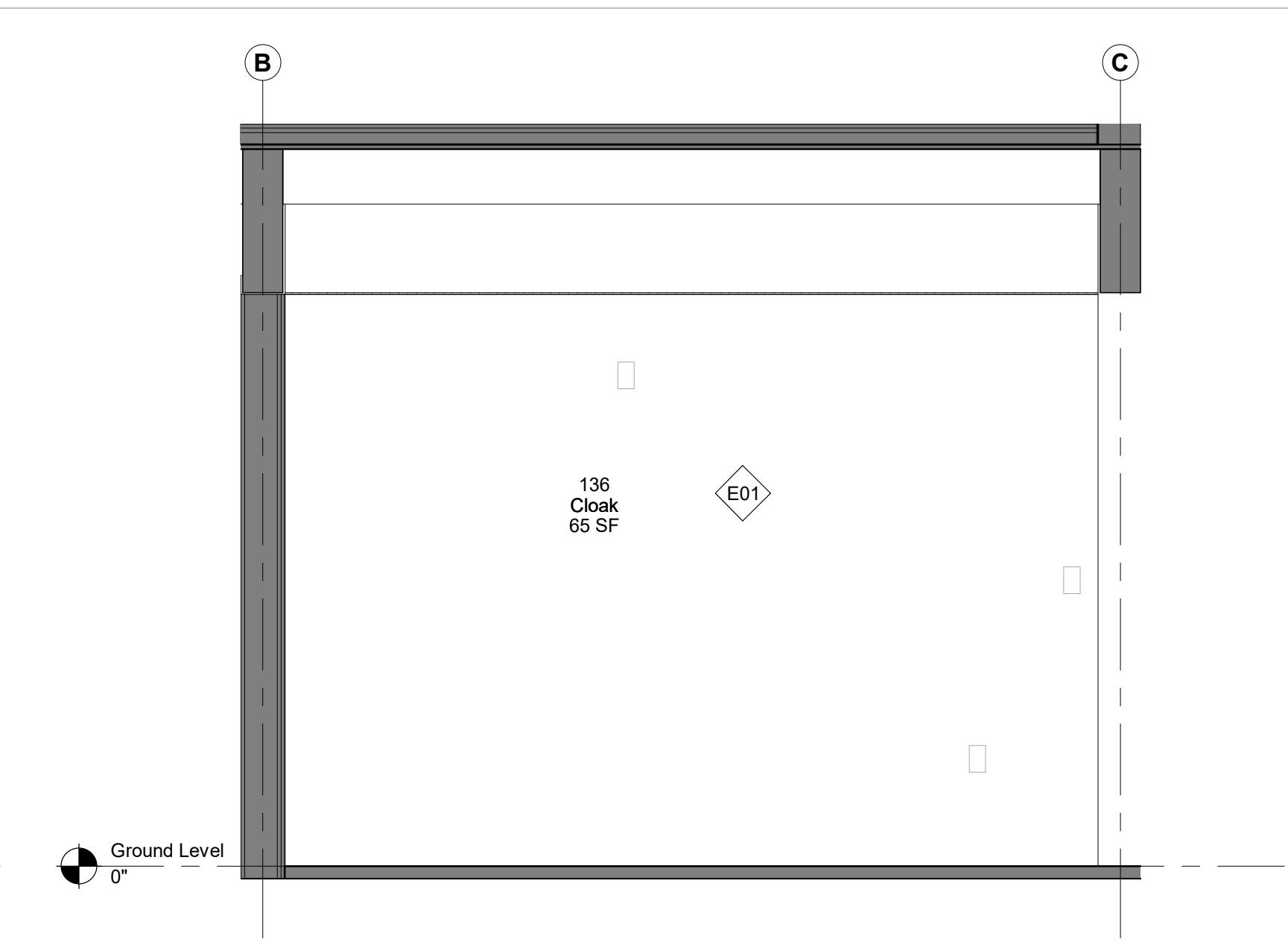
1 129 - Locker Room - South Elevation
1/2" = 1'-0"



4 129 - Locker Room - North Elevation
1/2" = 1'-0"



2 136 - Cloak - West Elevation
1/2" = 1'-0"



3 136 - Cloak - East Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
10-51-13	Lockers
22-42-52	ADA Drinking Fountain

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

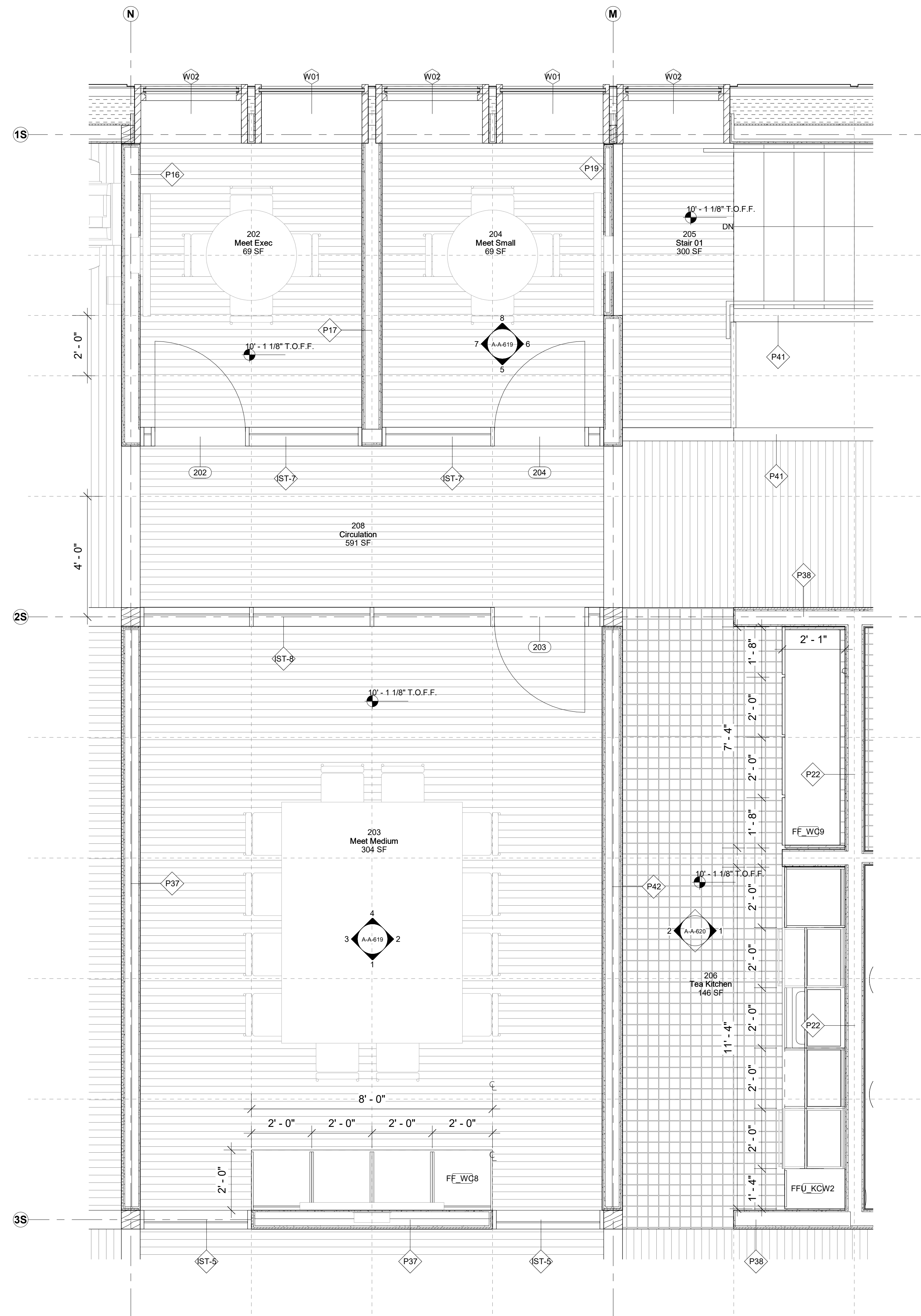
Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
129, 136**

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-617
Sheet Size	ARCH D



Keynote Legend

Keynote Description

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 Storm King Art Center
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
 Art Center
 Administration
 Building**

Seal

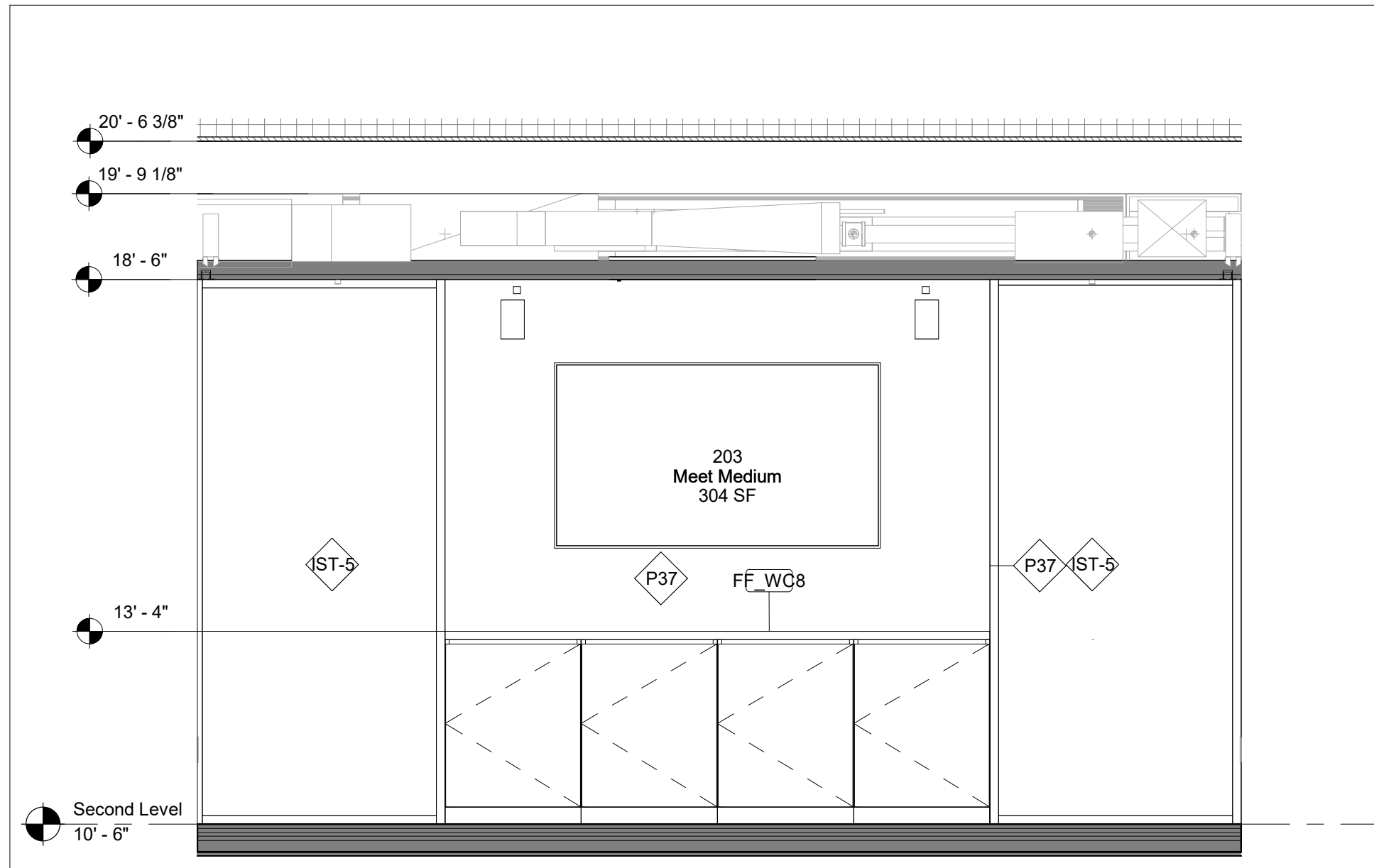
NOT FOR CONSTRUCTION

Drawing Title
 Room Plans - 202,
 203, 204, 206

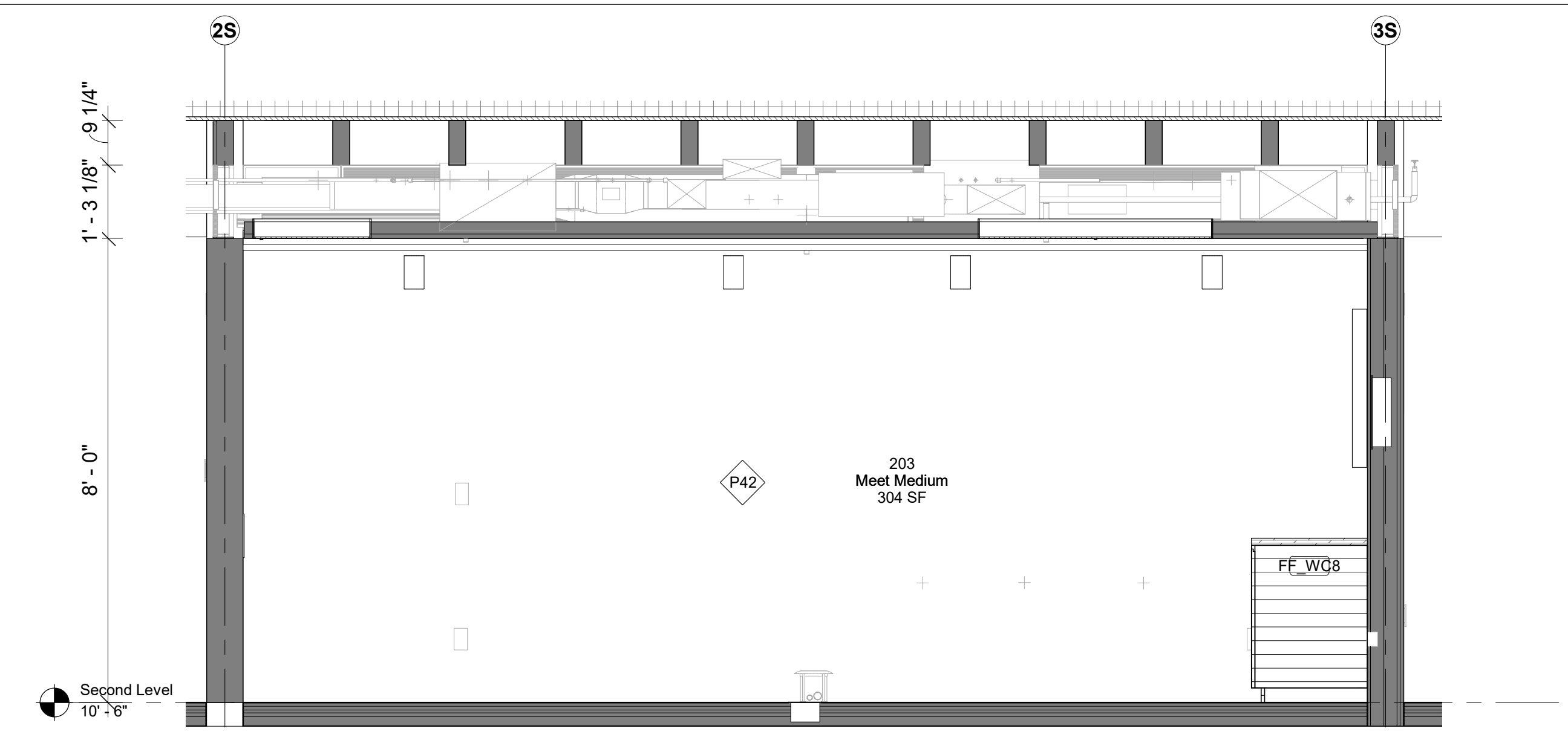
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Scale	1/2" = 1'-0"
Drawing Number	A-A-618
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
 FOR STANDARD MILLWORK DETAILS
 PLEASE REFER TO SHEETS A-A-661 |
 A-A-662

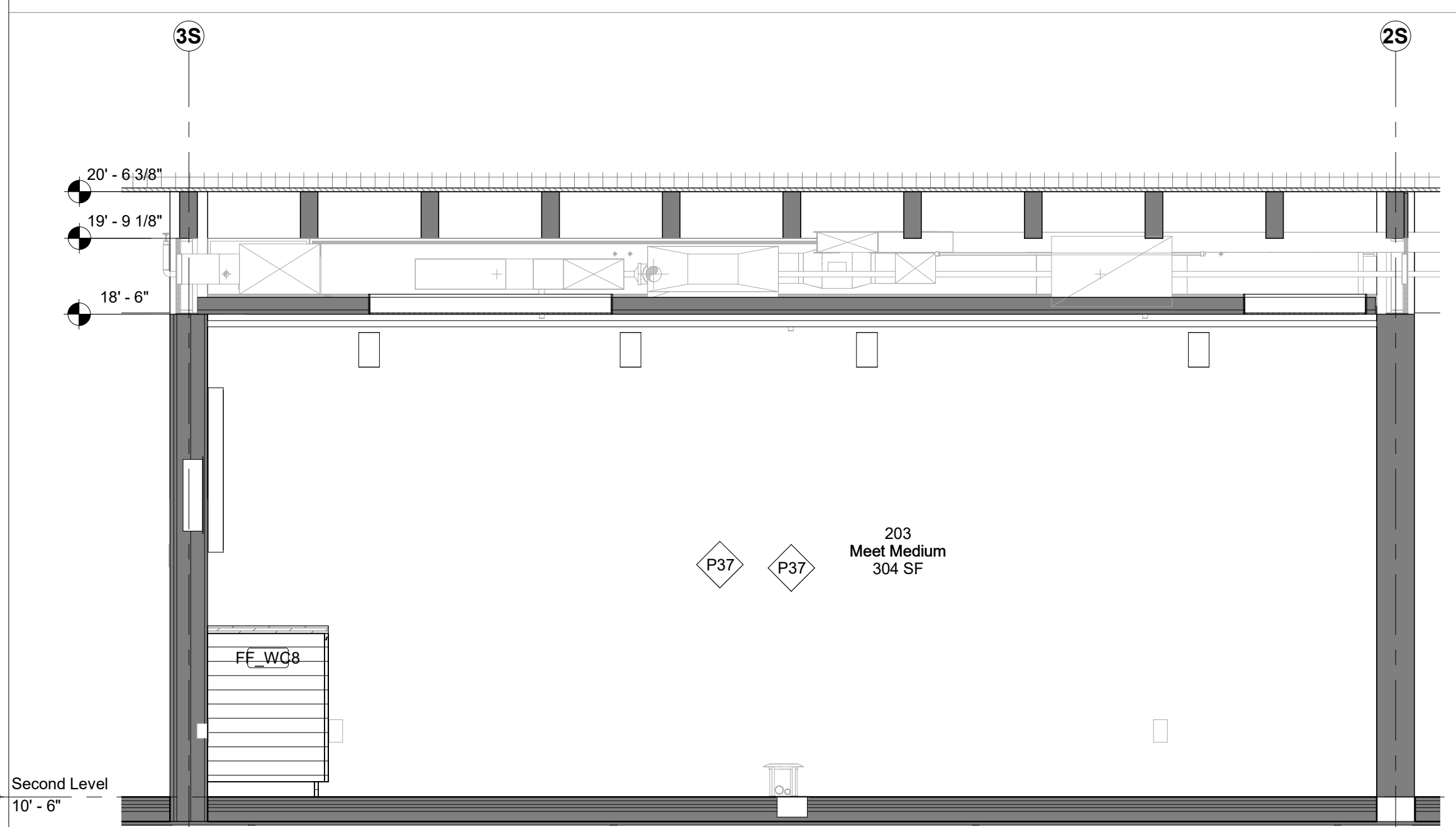
STANDARD METAL SHELVING IN ALL
 ARCHIVE | BULK STORAGE | VS
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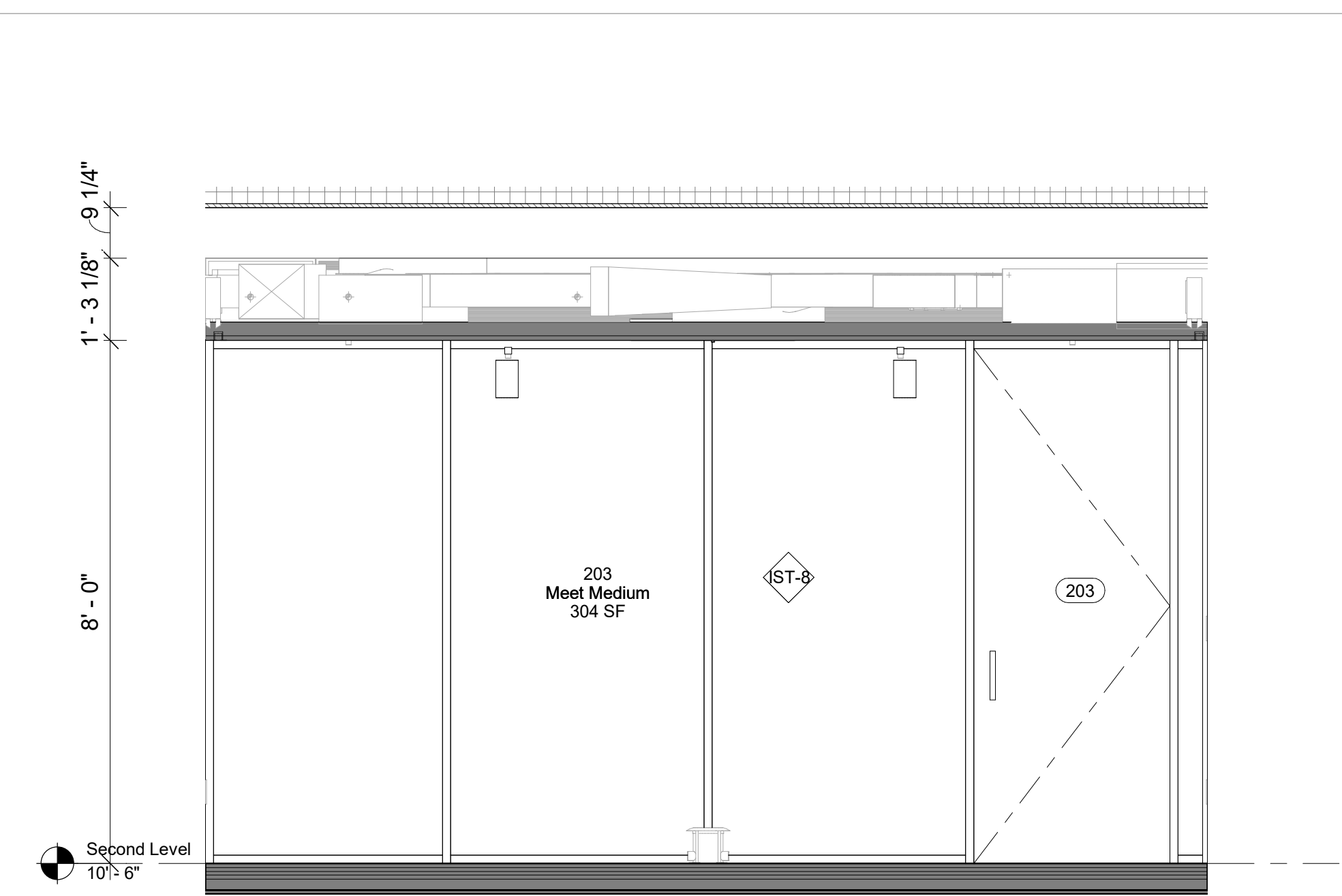
1 203 - Meet Medium - East Elevation
1/2" = 1'-0"



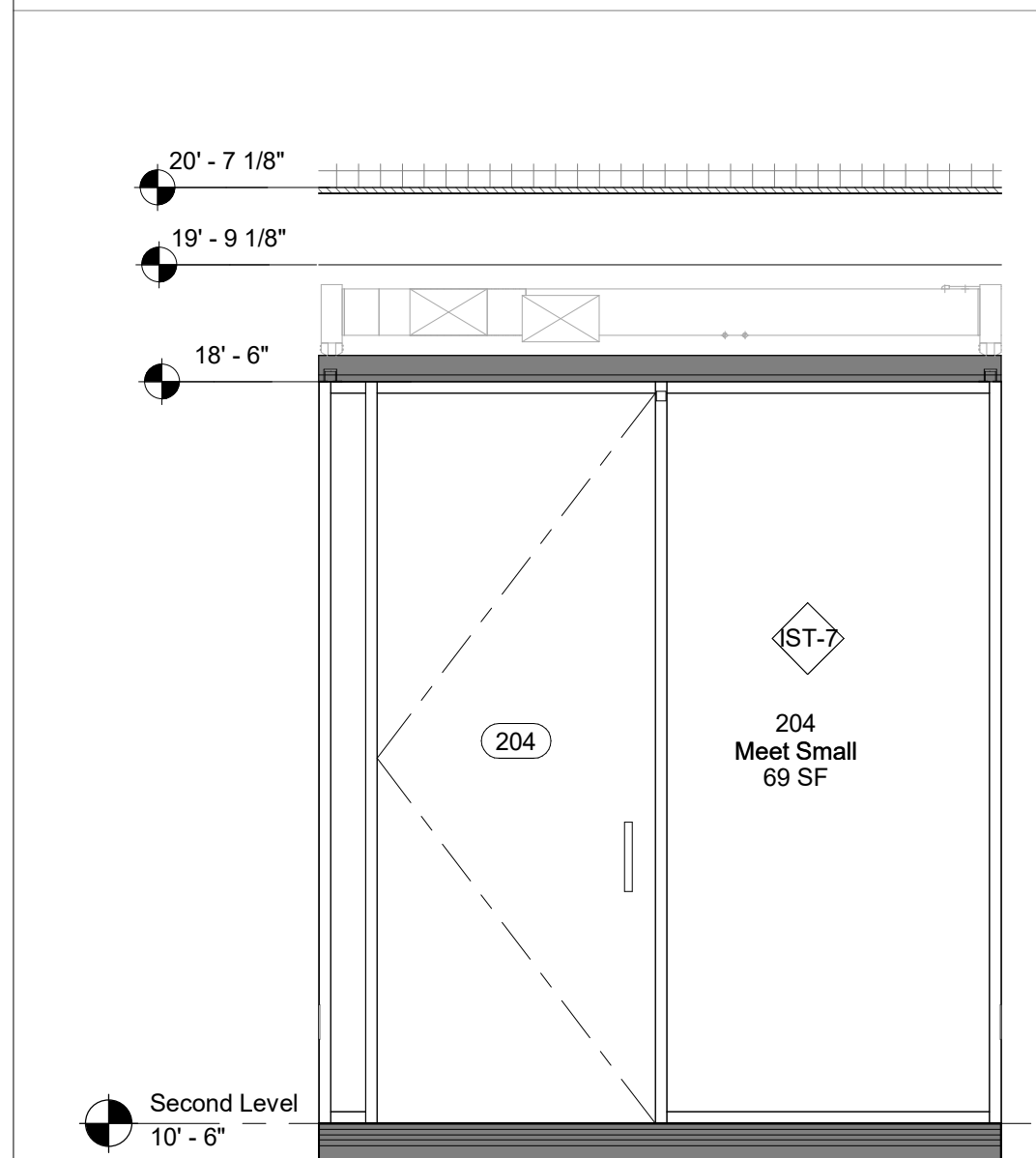
2 203 - Meet Medium - North Elevation
1/2" = 1'-0"



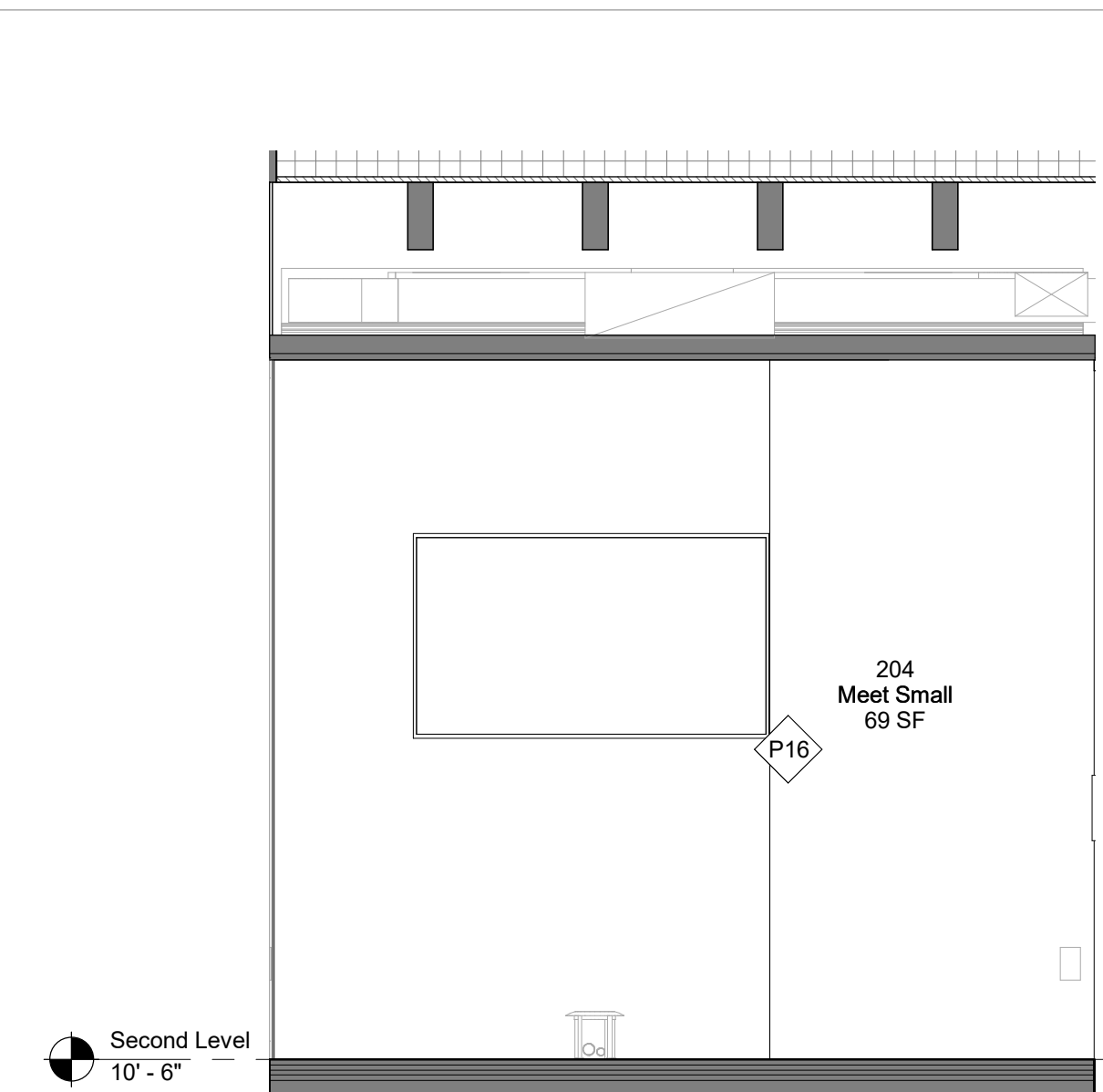
3 203 - Meet Medium - South Elevation
1/2" = 1'-0"



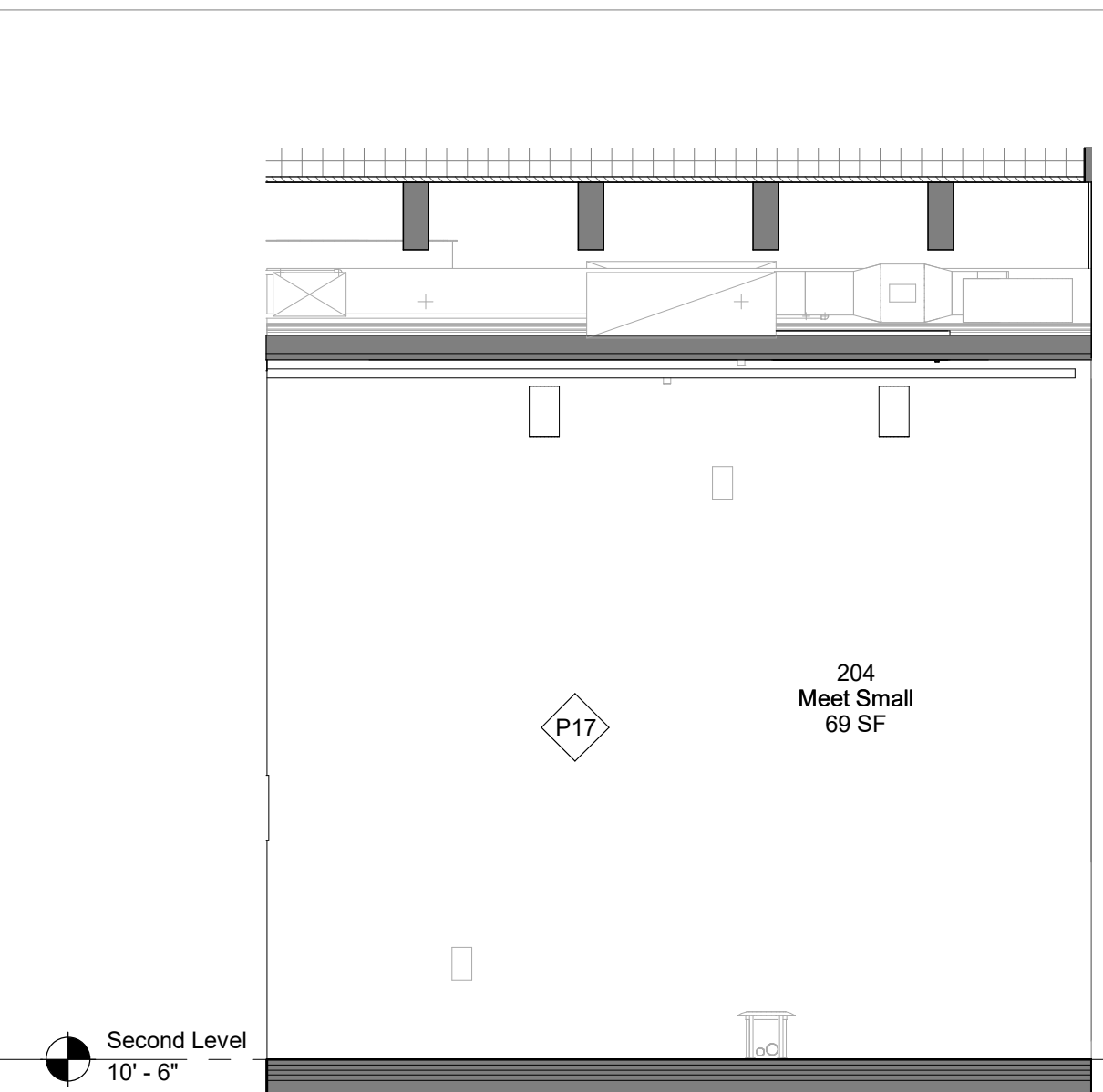
4 203 - Meet Medium - West Elevation
1/2" = 1'-0"



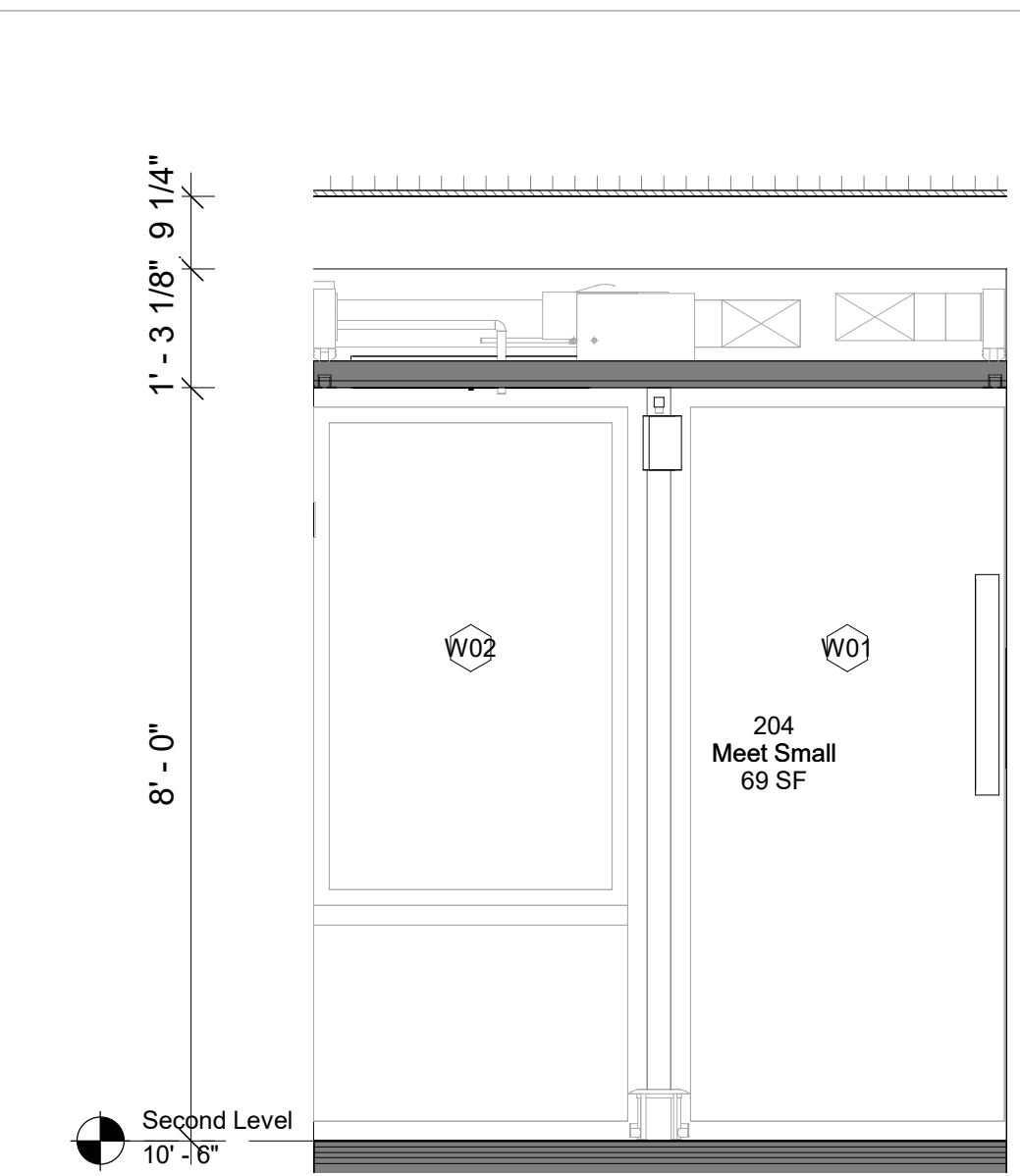
5 204 - Meet Small - East Elevation
1/2" = 1'-0"



6 204 - Meet Small - North Elevation
1/2" = 1'-0"



7 204 - Meet Small - South Elevation
1/2" = 1'-0"



8 204 - Meet Small - West Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

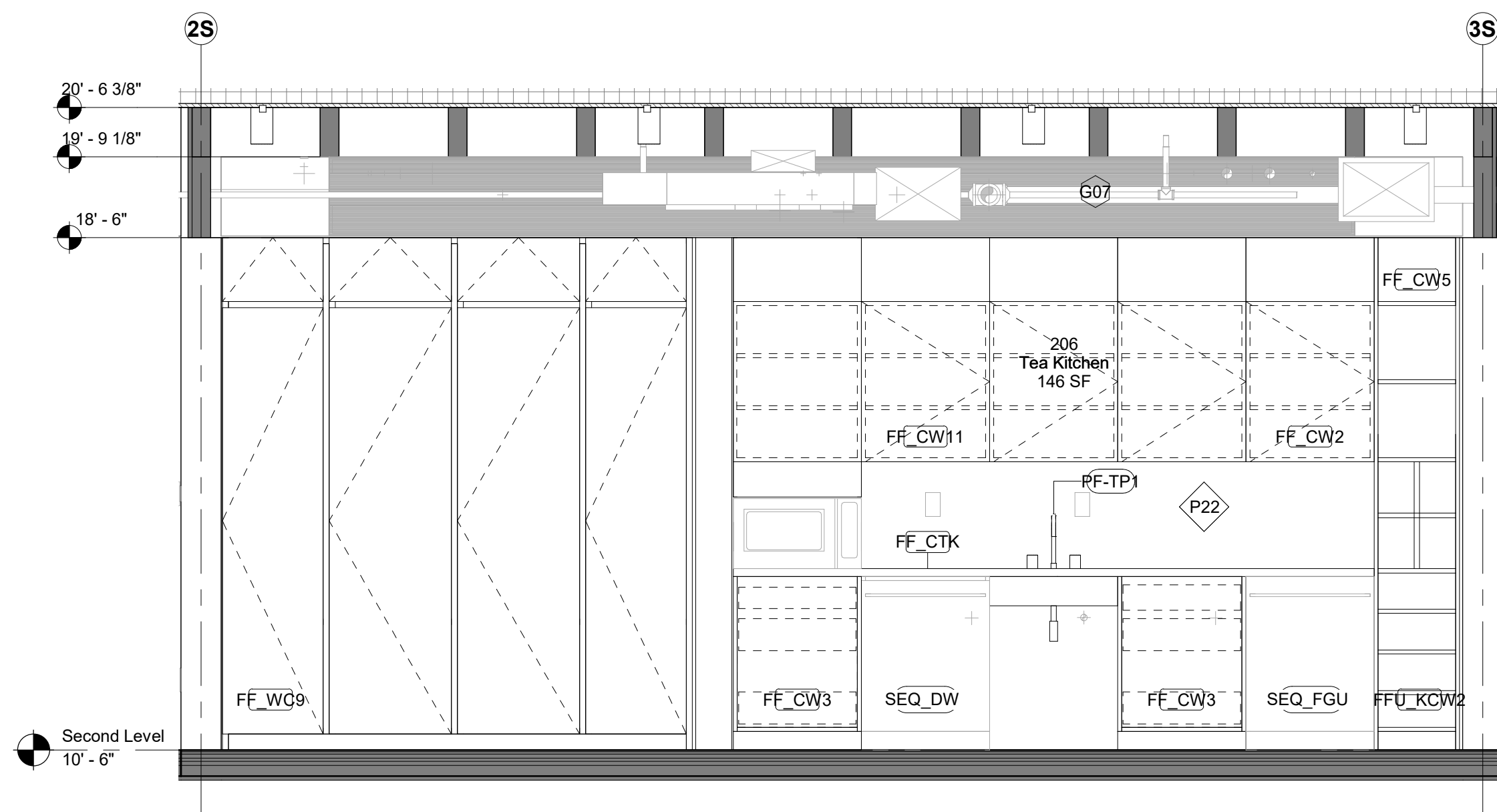
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NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
203, 204

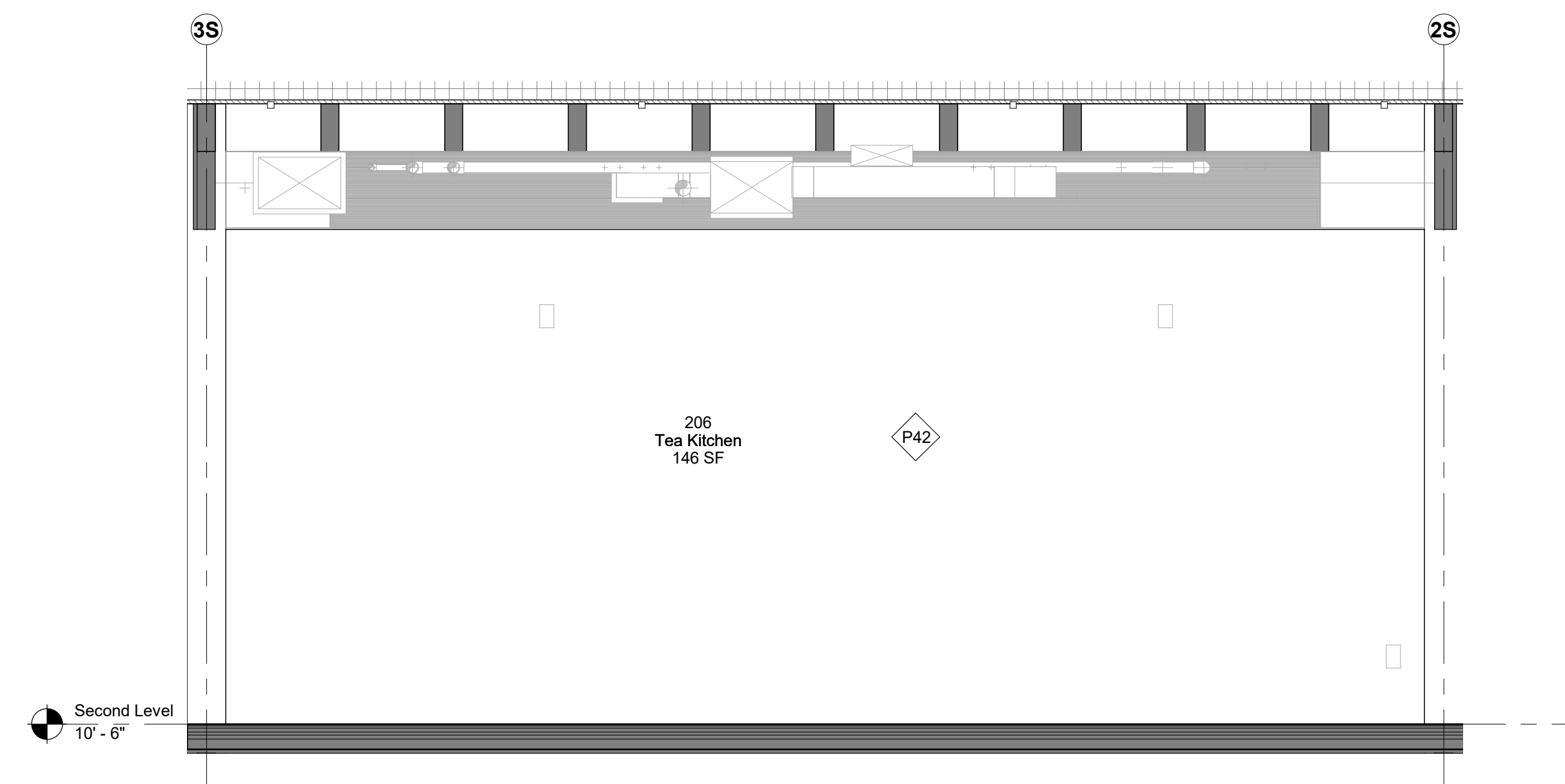
GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

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STORAGE

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-619
Sheet Size	ARCH D



1 206 - Tea Kitchen - North Elevation
1/2" = 1'-0"



2 206 - Tea Kitchen - South Elevation
1/2" = 1'-0"

Keynote Legend

Keynote	Description

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
206**

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-620
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
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STORAGE

Keynote Legend	
Keynote	Description
09-74-00	Solid Surface
22-42-01	WC Toilet
22-42-12	ADA WHB

Owner
Storm King Art Center
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Key Plan

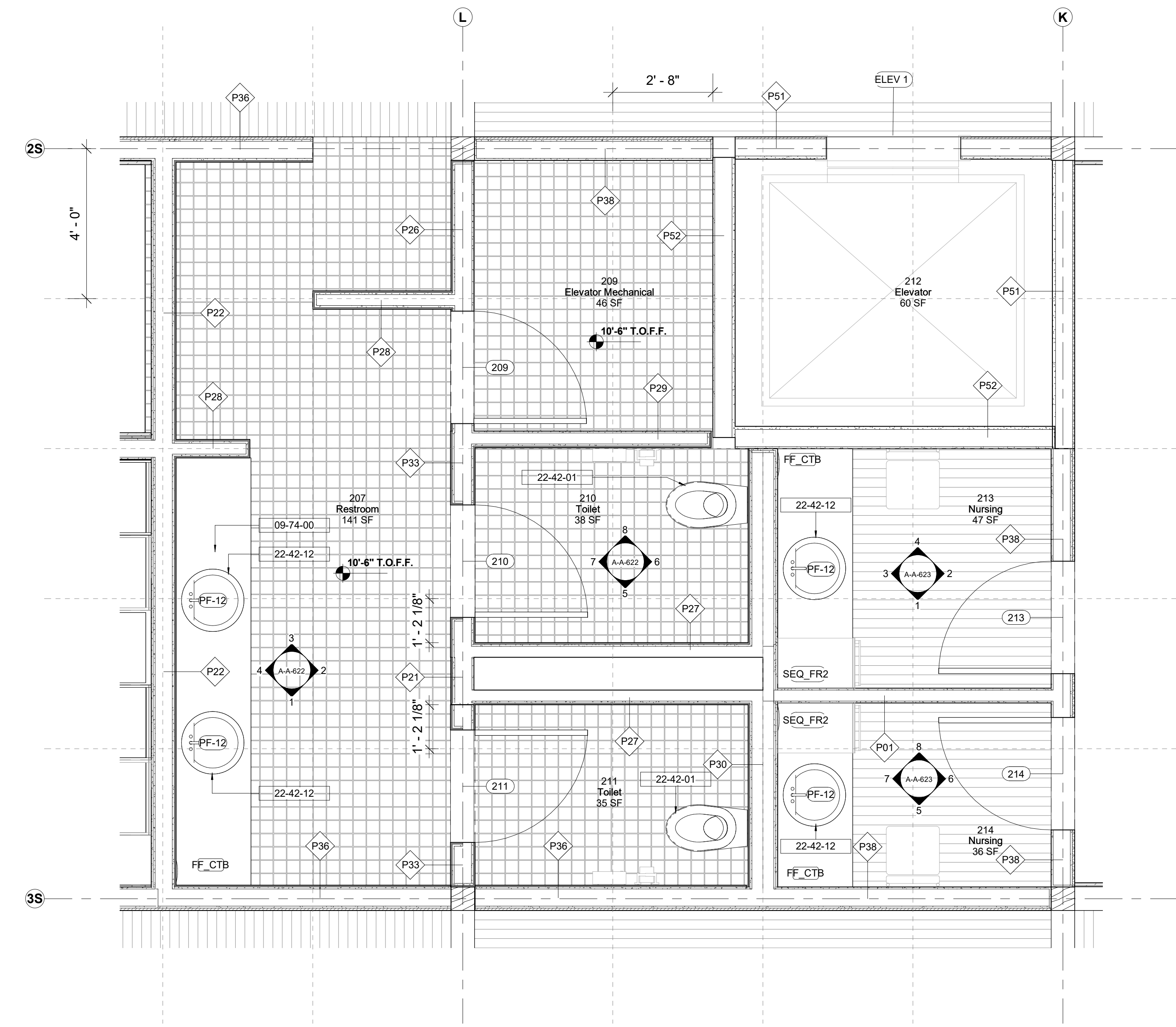
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 207,
209, 210, 211, 213,
214

Date	11/06/20
Scale	As indicated
Drawing Number	A-A-621
Sheet Size	ARCH D



1 207, 209, 210, 211, 213, 214
1/2" = 1'-0"

GENERAL NOTE RESTROOM APPLIANCES:
ALL WALL MOUNTED APPLIANCES ARE TO BE INSET FLUSH TO FACE OF WALL

Keynote Legend	
Keynote	Description
22-42-01	WC Toilet

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

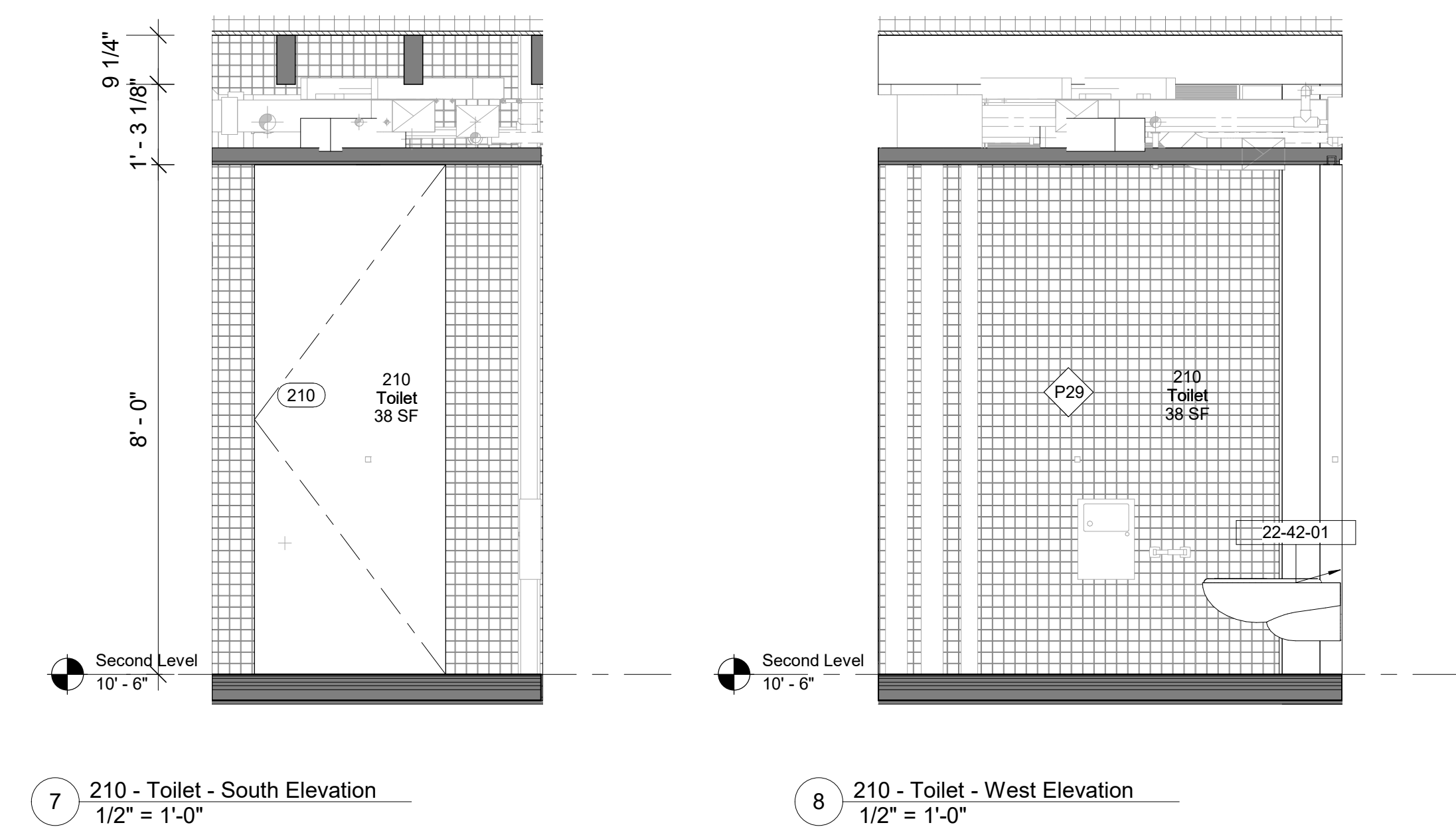
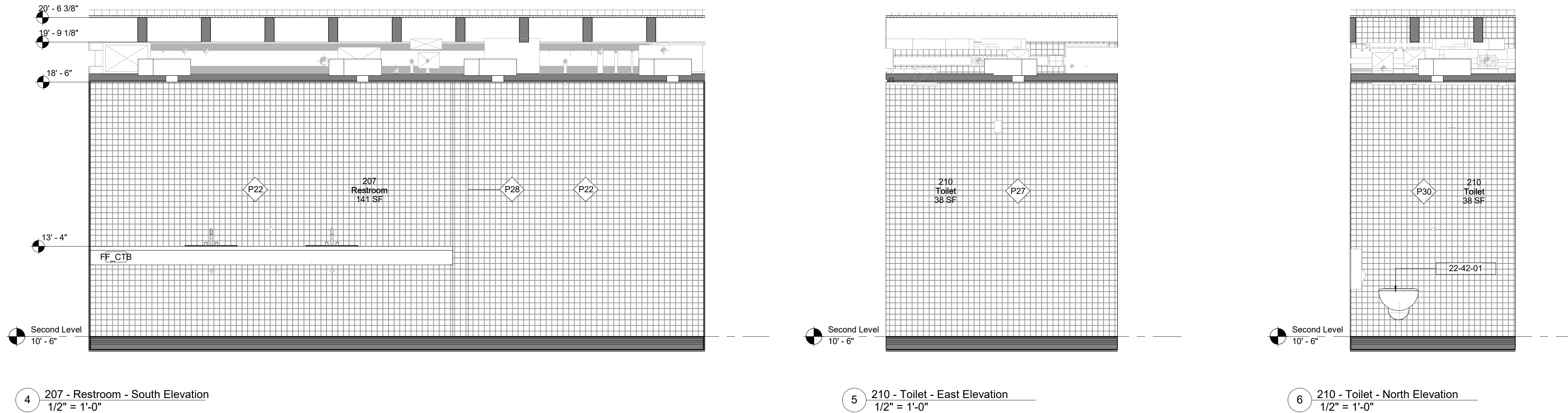
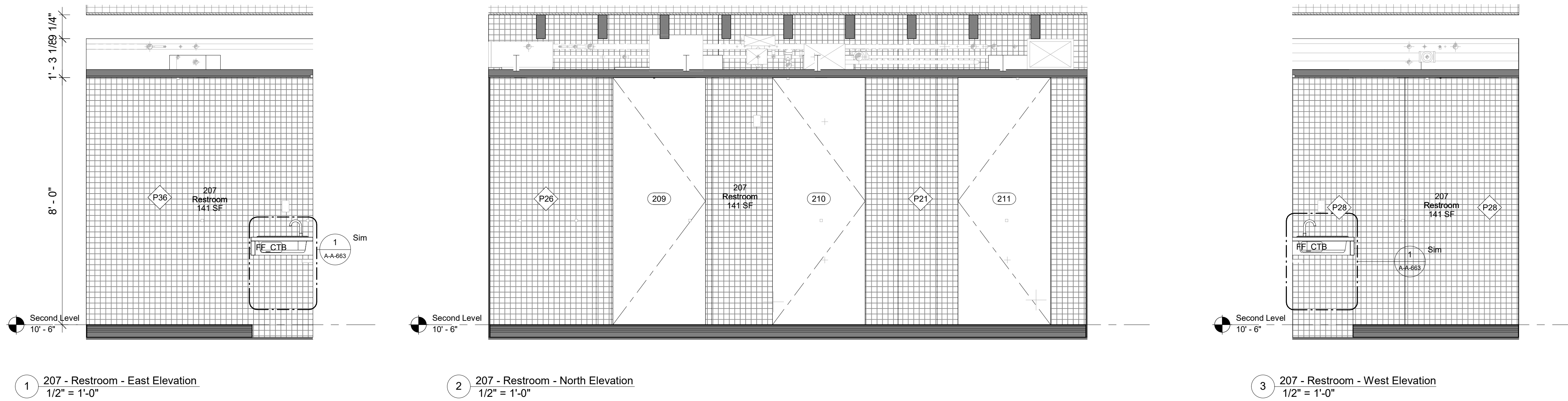
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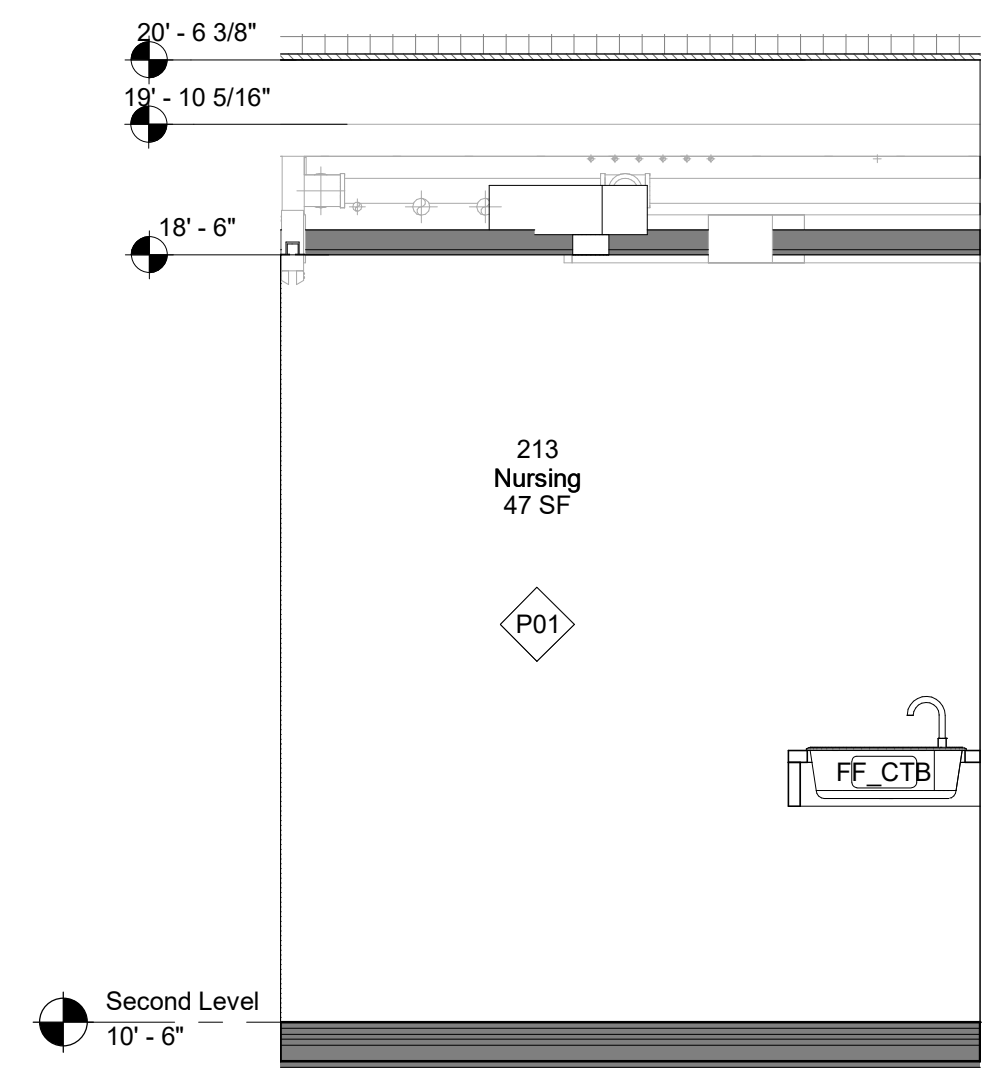
NOT FOR CONSTRUCTION

Drawing Title
Interior Elevations -
207, 210

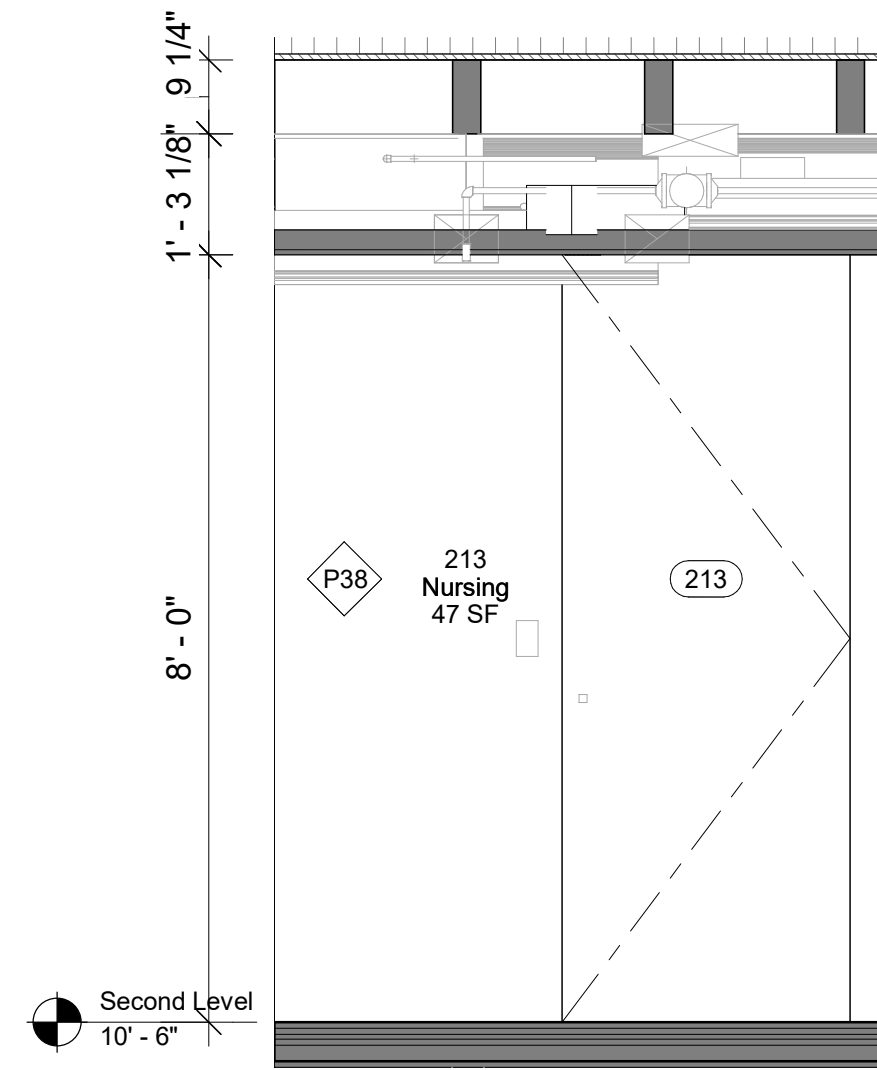
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-622
Sheet Size	ARCH D

GENERAL NOTE RESTROOM APPLIANCES:
ALL WALL MOUNTED APPLIANCES ARE TO BE INSET FLUSH TO FACE OF WALL

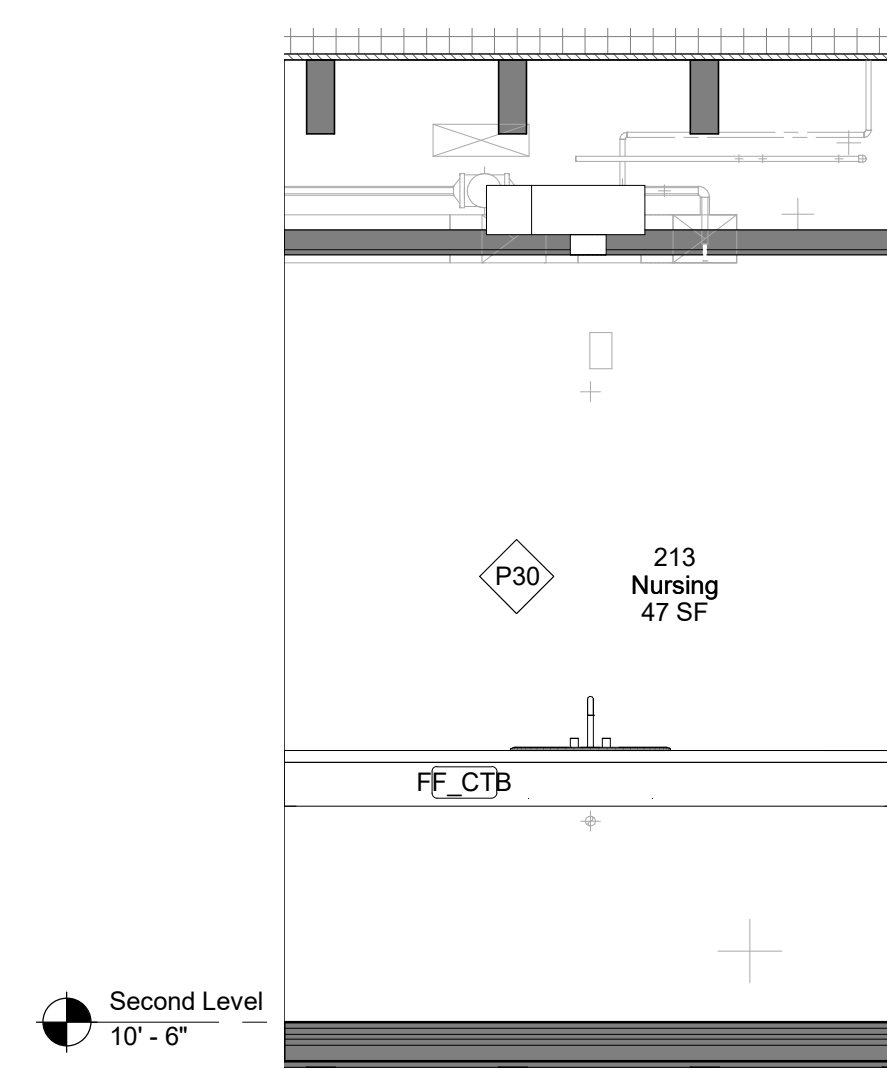




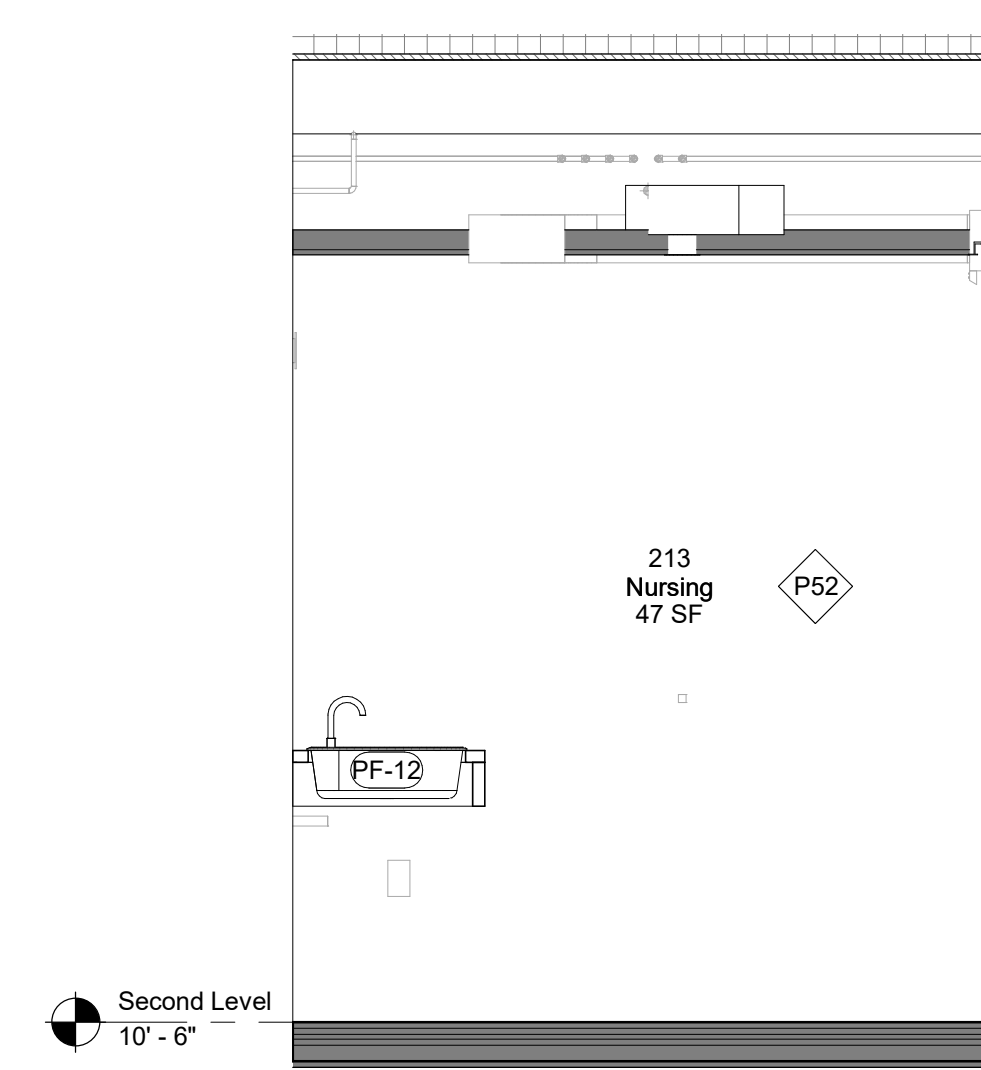
1 213 - Nursing - East Elevation
1/2" = 1'-0"



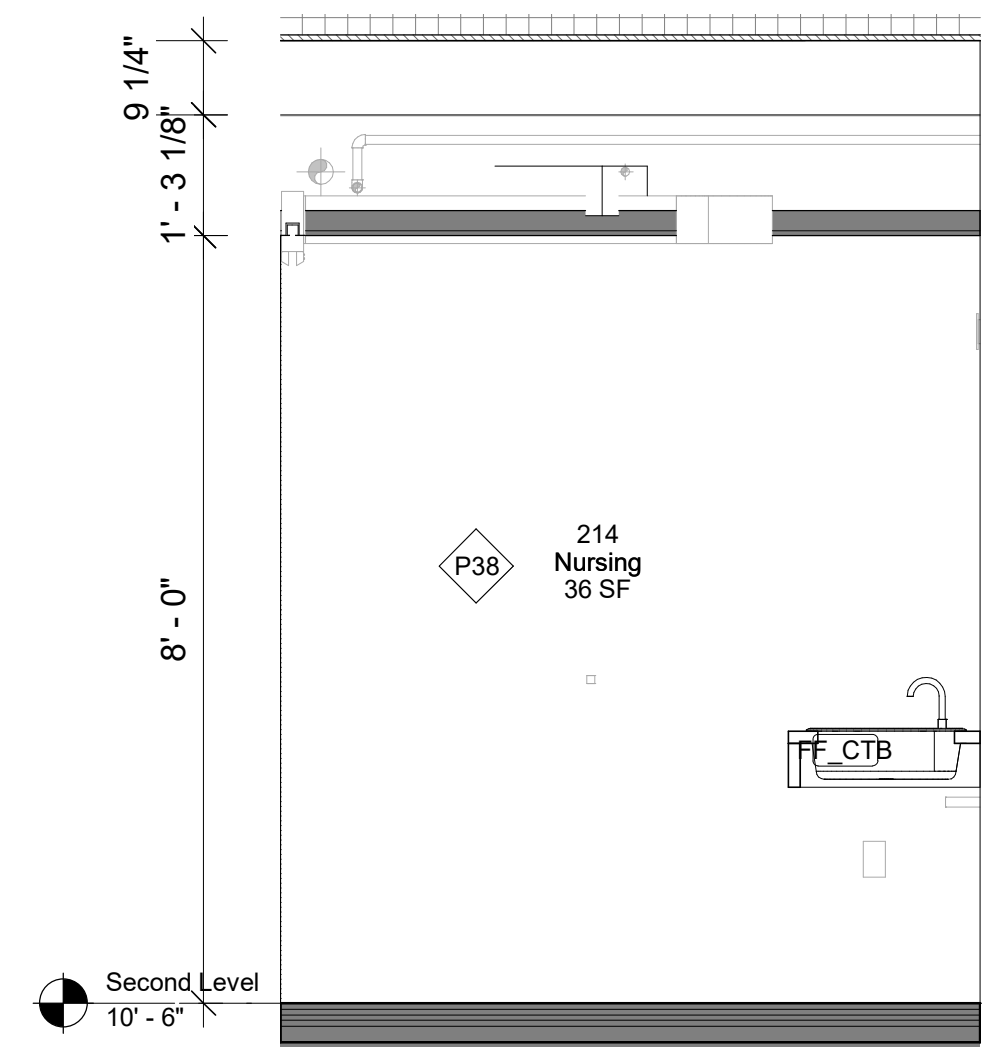
2 213 - Nursing - North Elevation
1/2" = 1'-0"



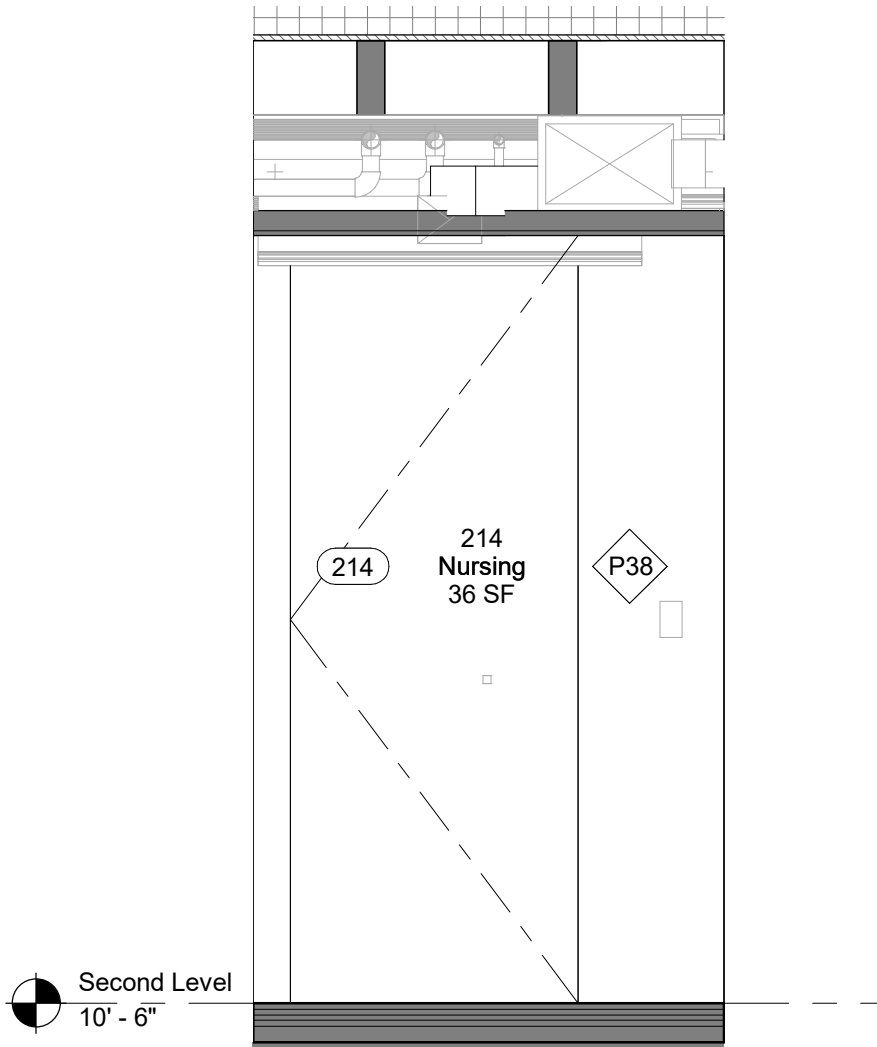
3 213 - Nursing - South Elevation
1/2" = 1'-0"



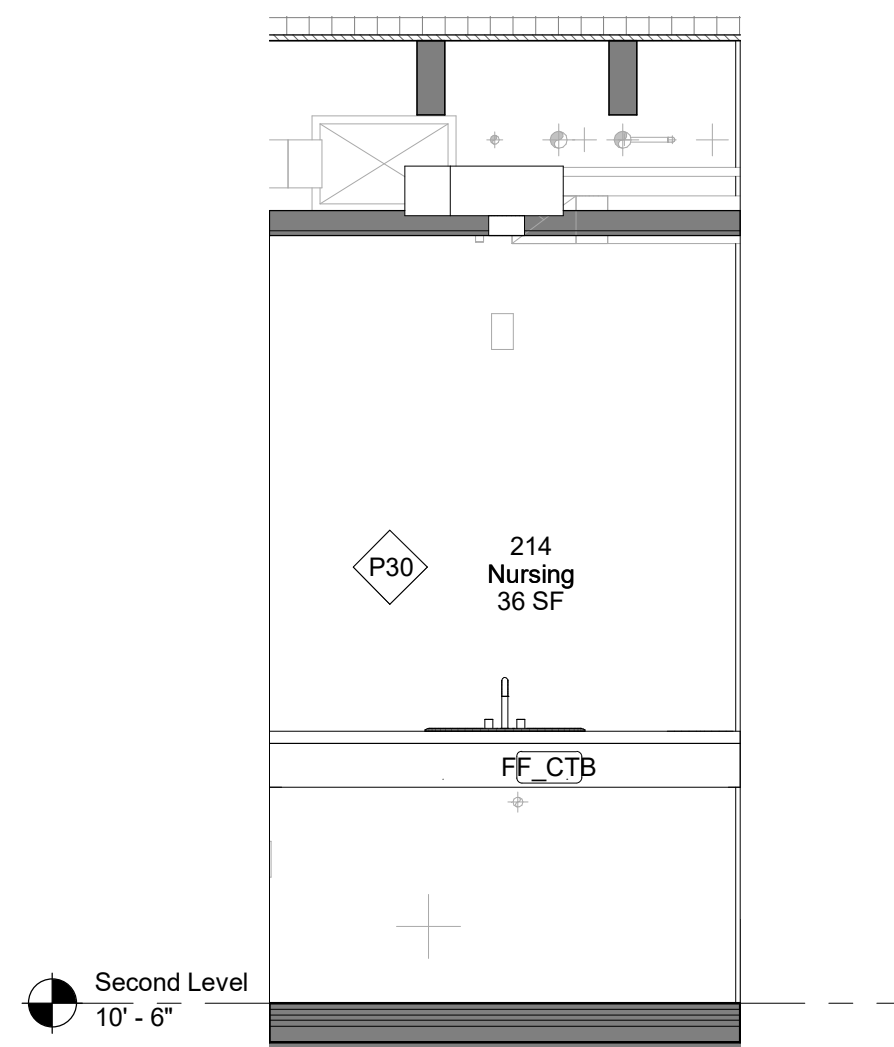
4 213 - Nursing - West Elevation
1/2" = 1'-0"



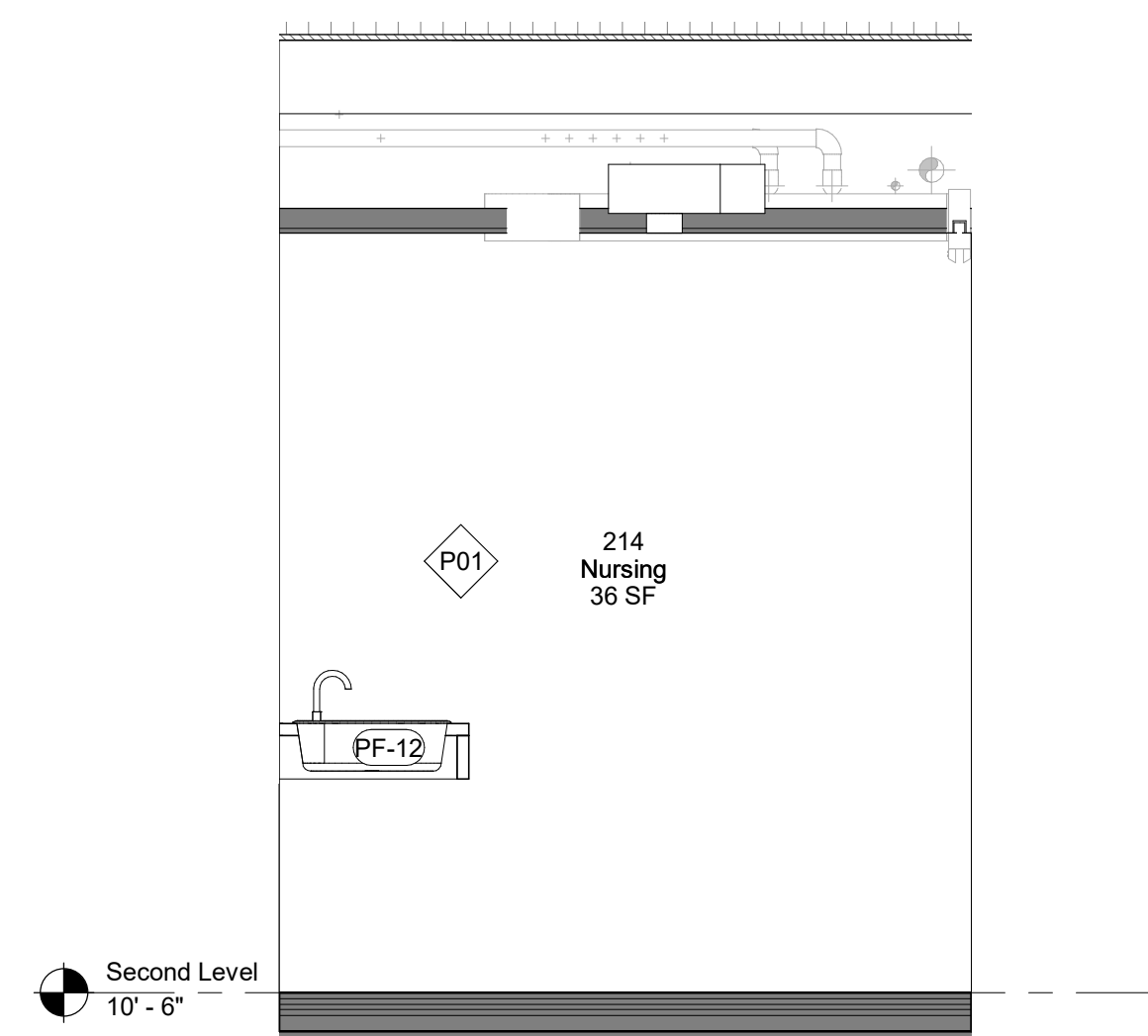
5 214 - Nursing - East Elevation
1/2" = 1'-0"



6 214 - Nursing - North Elevation
1/2" = 1'-0"



7 214 - Nursing - South Elevation
1/2" = 1'-0"



8 214 - Nursing - West Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

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Facade
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

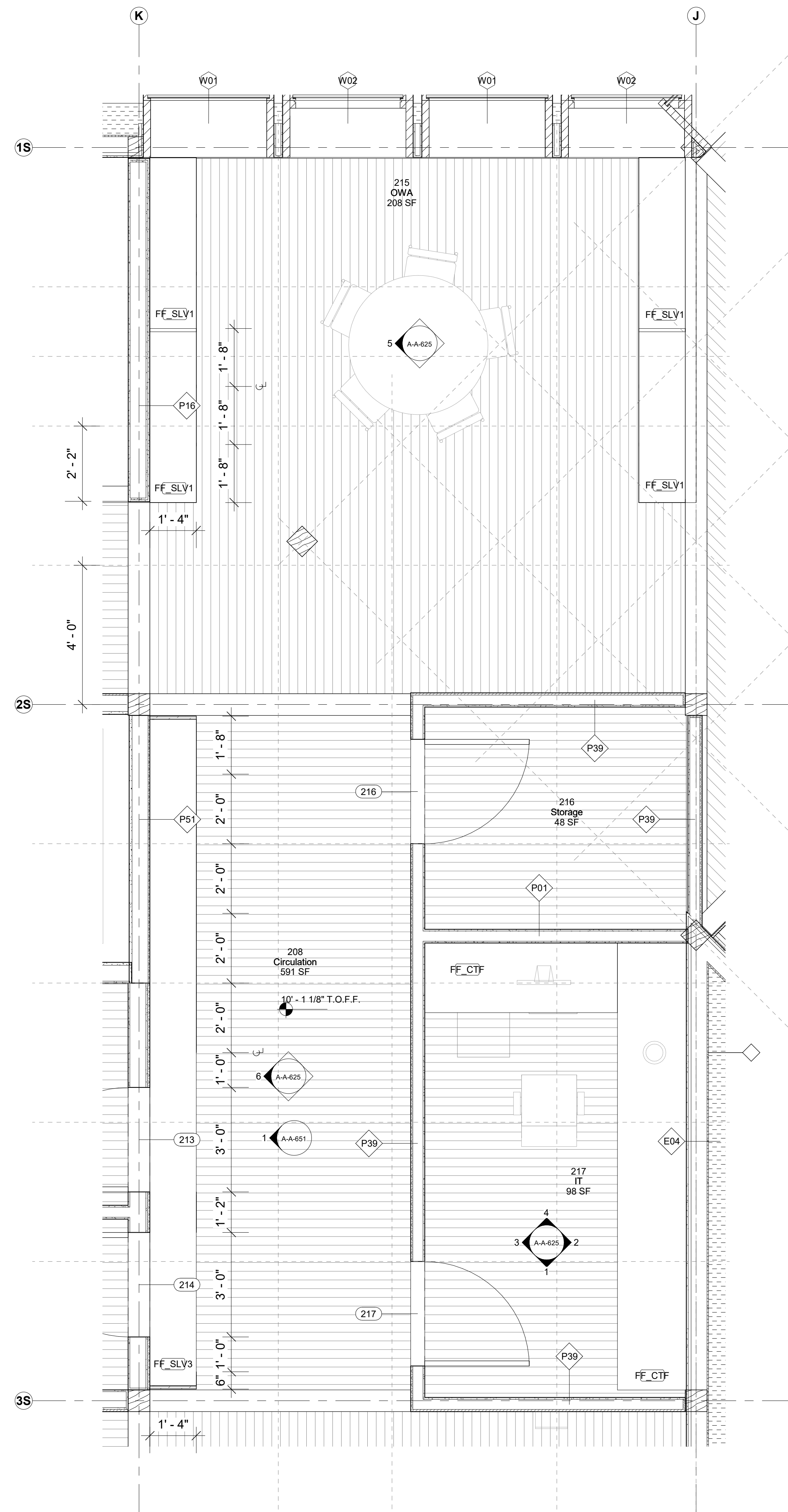
Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Elevations -
213, 214**

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-623
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE



Keynote Legend

Keynote	Description
---------	-------------

Owner
 Storm King Art Center
 1 Museum Road
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 heneghan peng architects
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 +1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

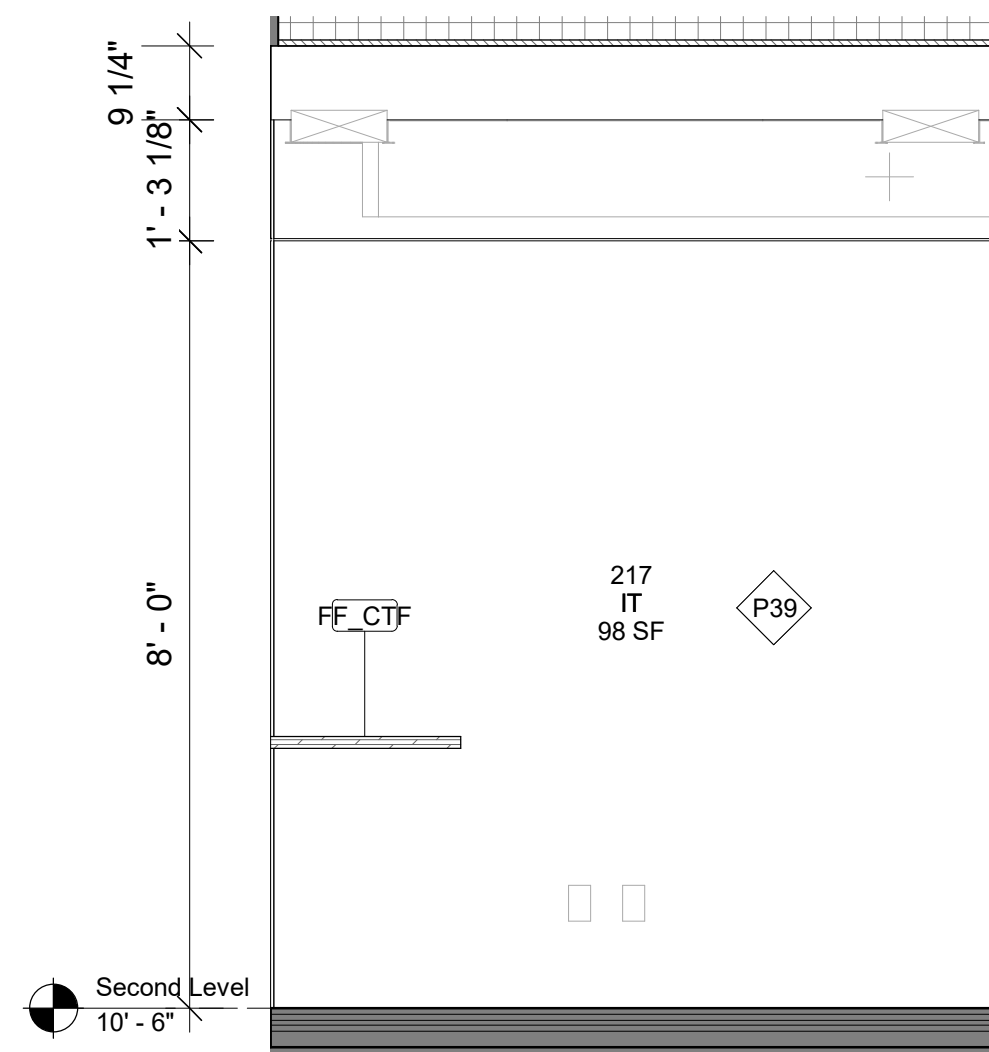
NOT FOR CONSTRUCTION
 Drawing Title
 Room Plans - 208,
 215, 216, 217

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-624
Sheet Size	ARCH D

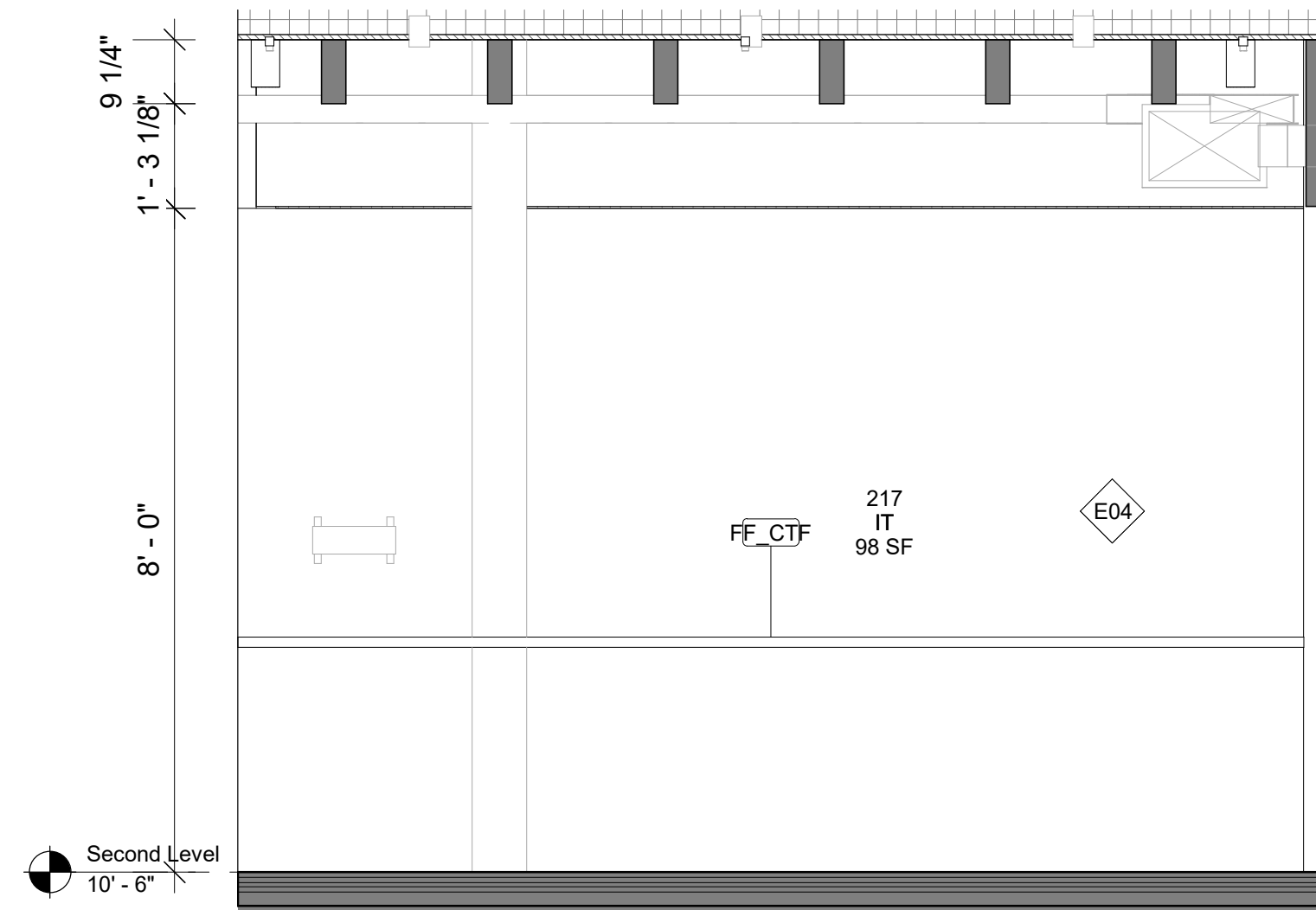
GENERAL NOTE MILLWORK:
 FOR STANDARD MILLWORK DETAILS
 PLEASE REFER TO SHEETS A-A-661 |
 A-A-662

STANDARD METAL SHELVING IN ALL
 ARCHIVE | BULK STORAGE | VS
 STORAGE

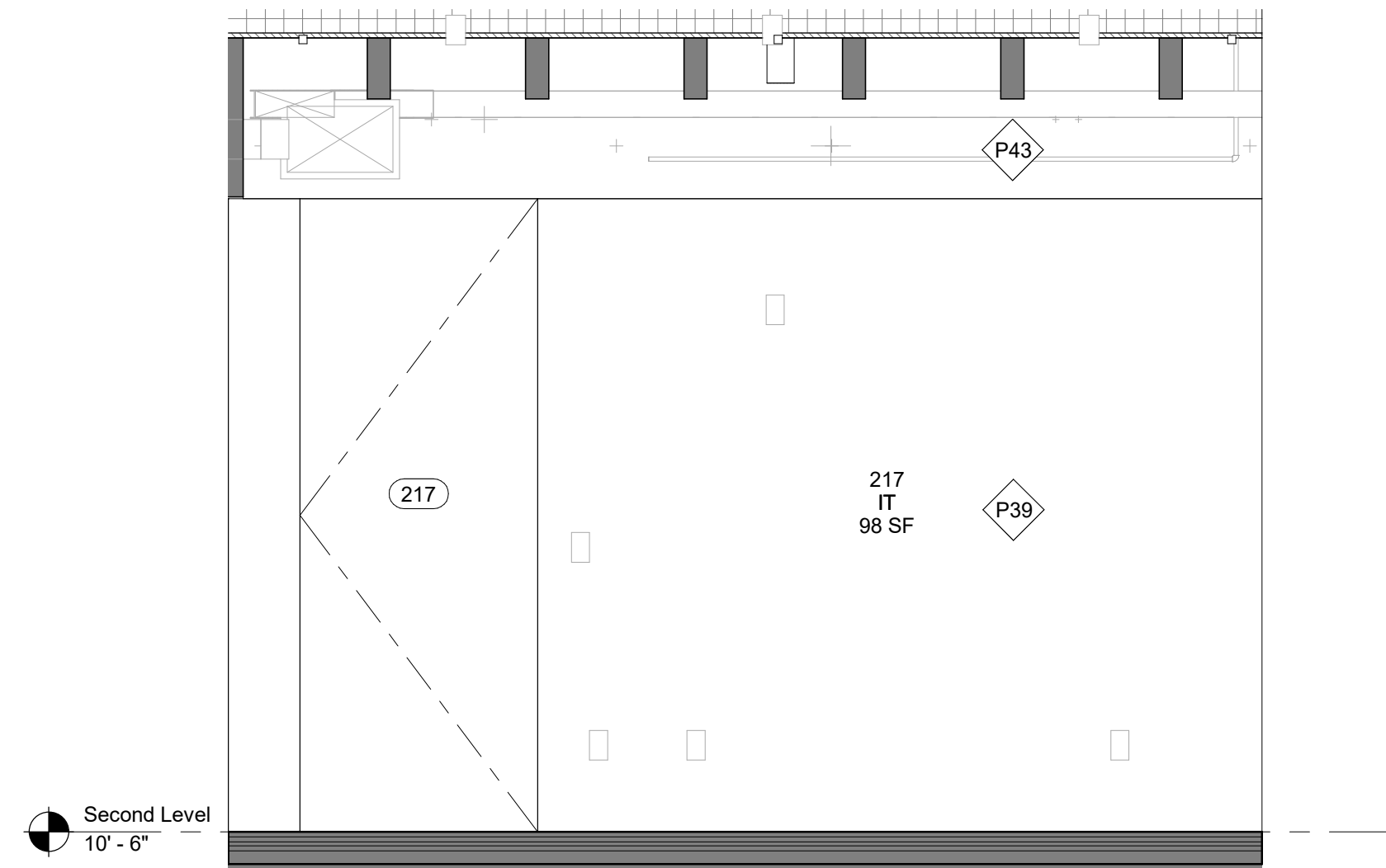
1 208, 215, 216, 217
 1/2" = 1'-0"



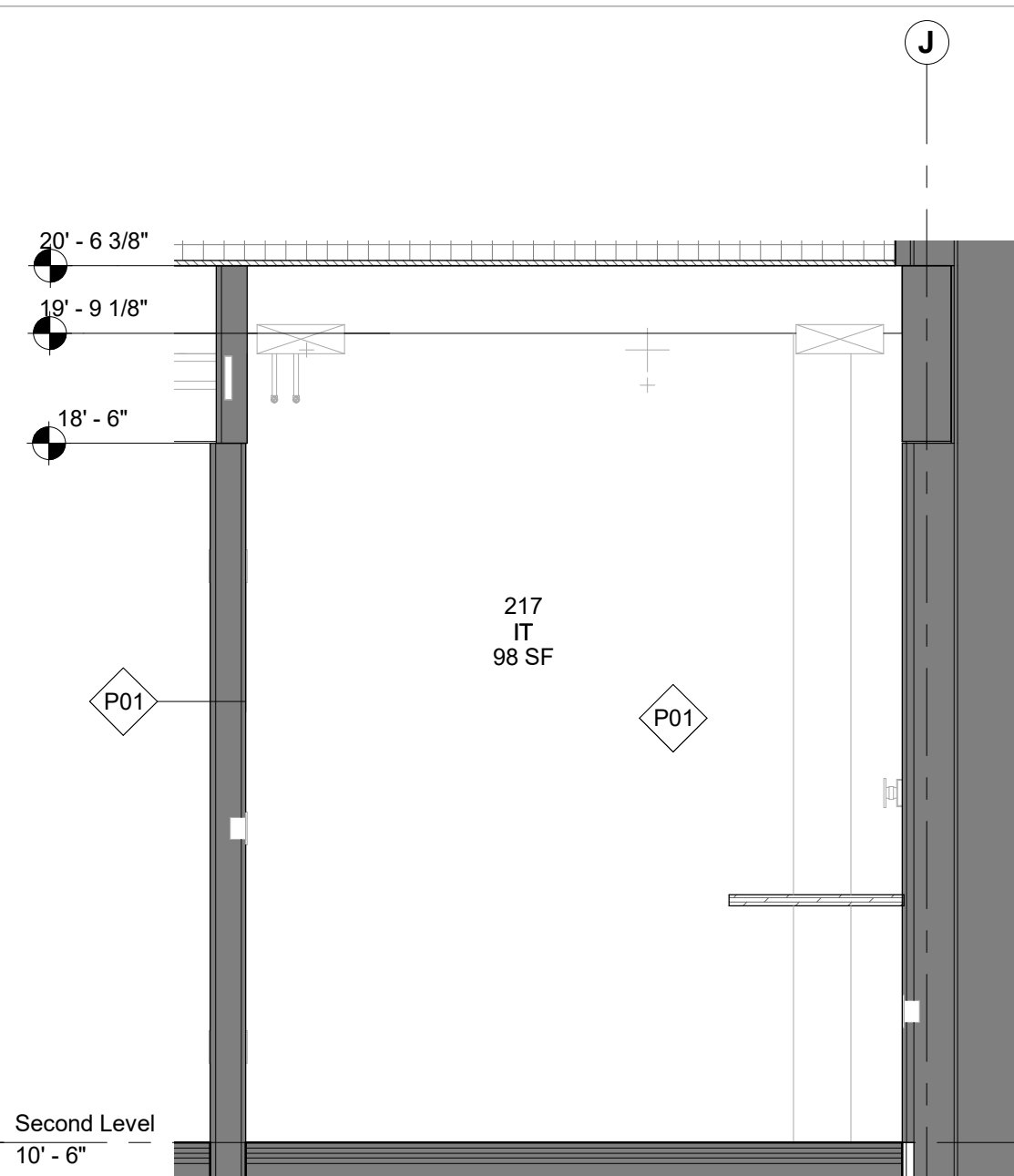
1 217 - IT - East Elevation
1/2" = 1'-0"



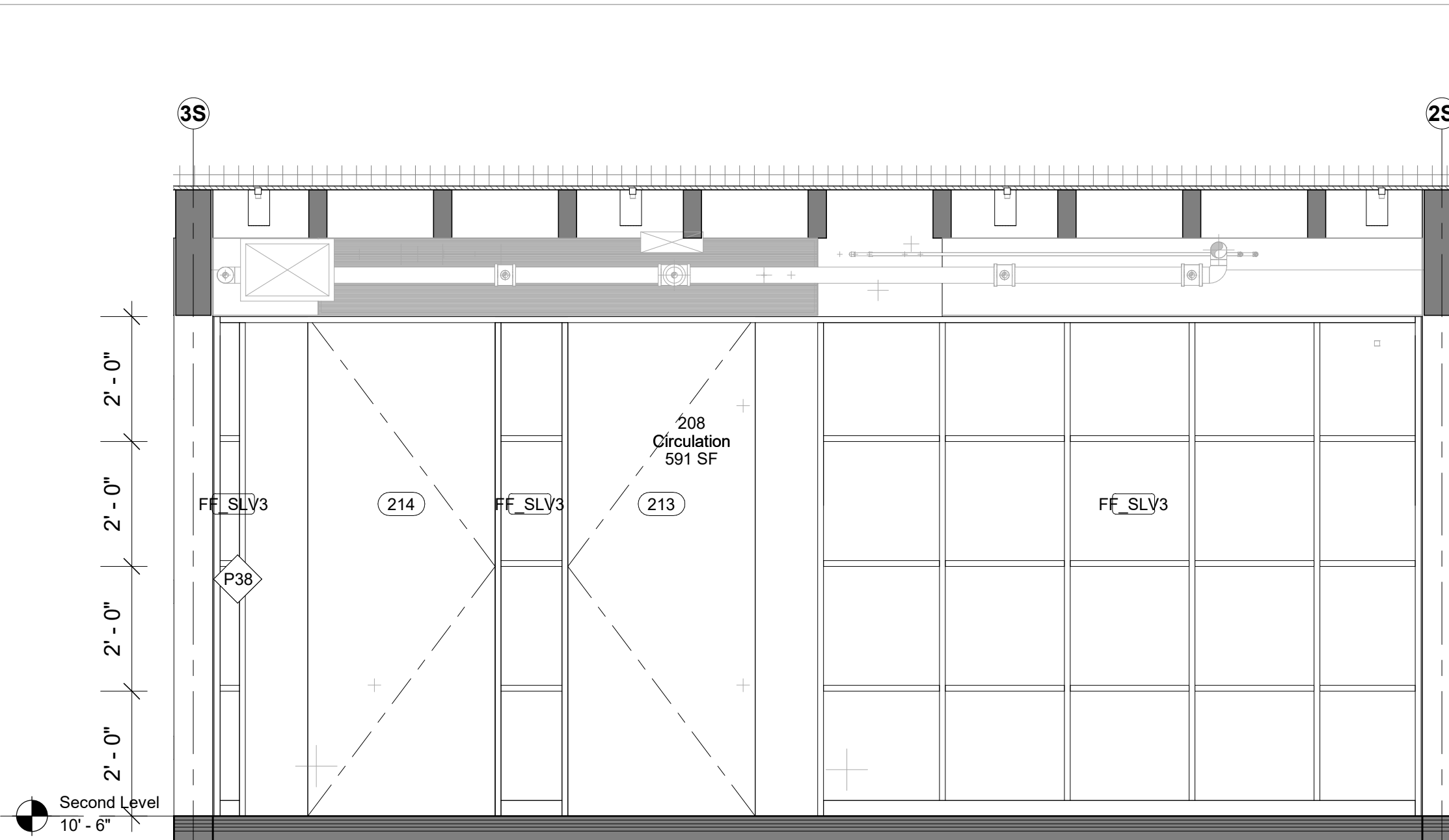
2 217 - IT - North Elevation
1/2" = 1'-0"



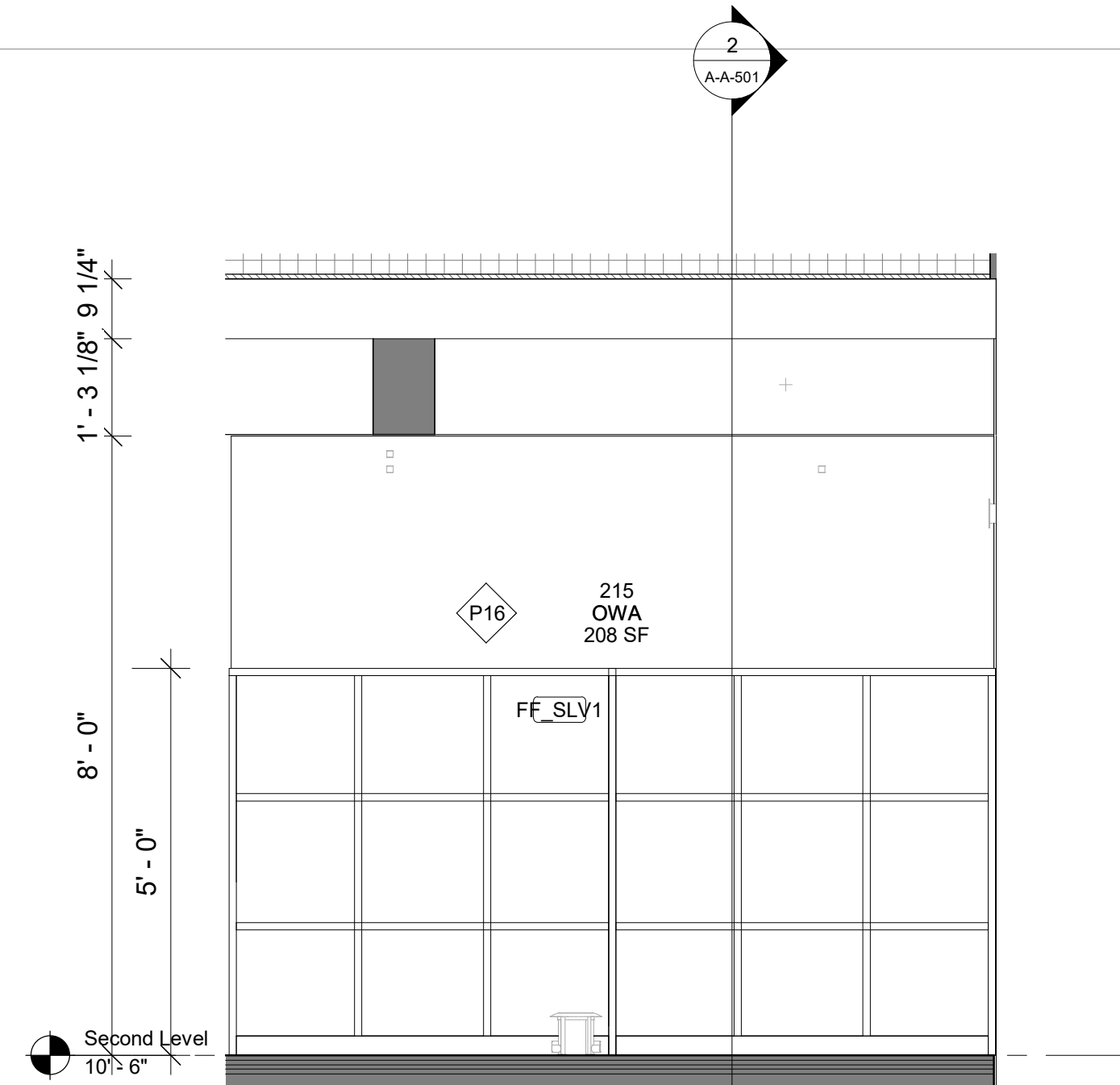
3 217 - IT - South Elevation
1/2" = 1'-0"



4 217 - IT - West Elevation
1/2" = 1'-0"



6 208 - Circulation - South Elevation
1/2" = 1'-0"



5 215 - OWA - South Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

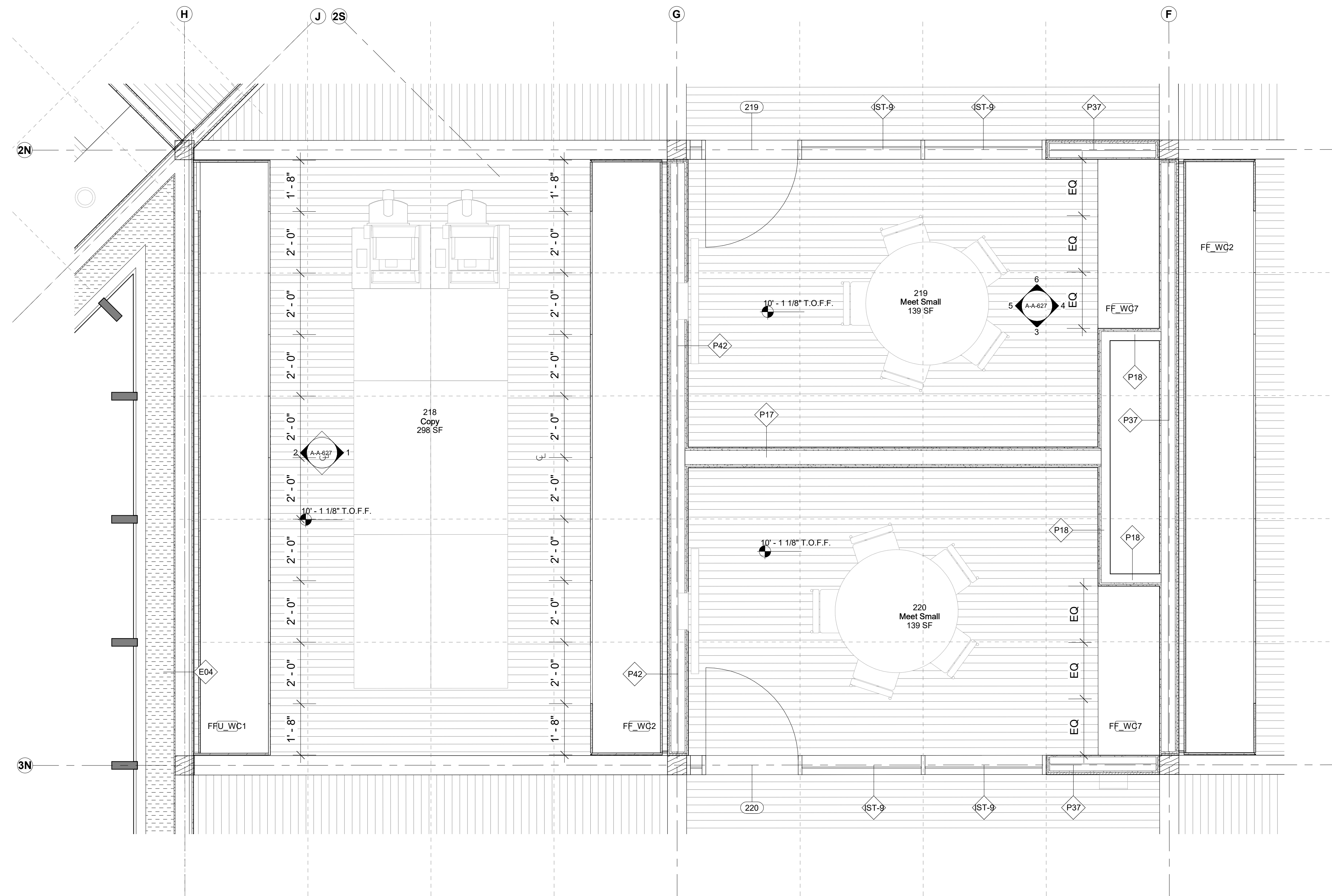
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NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations - 208, 215, 217

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-625
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE



1 218, 219, 220
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

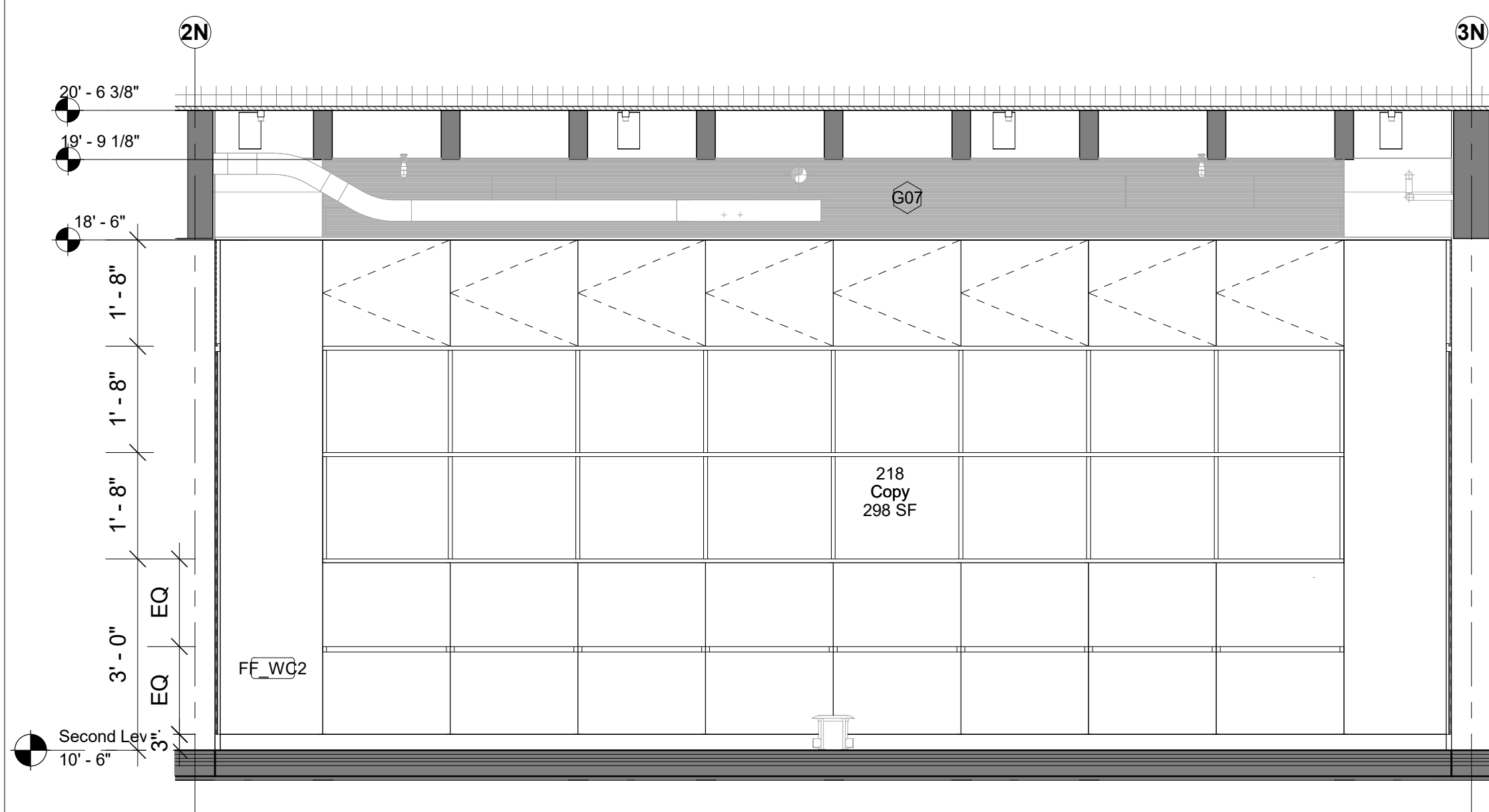
NOT FOR CONSTRUCTION

Drawing Title
Room Plans - 218,
219, 220

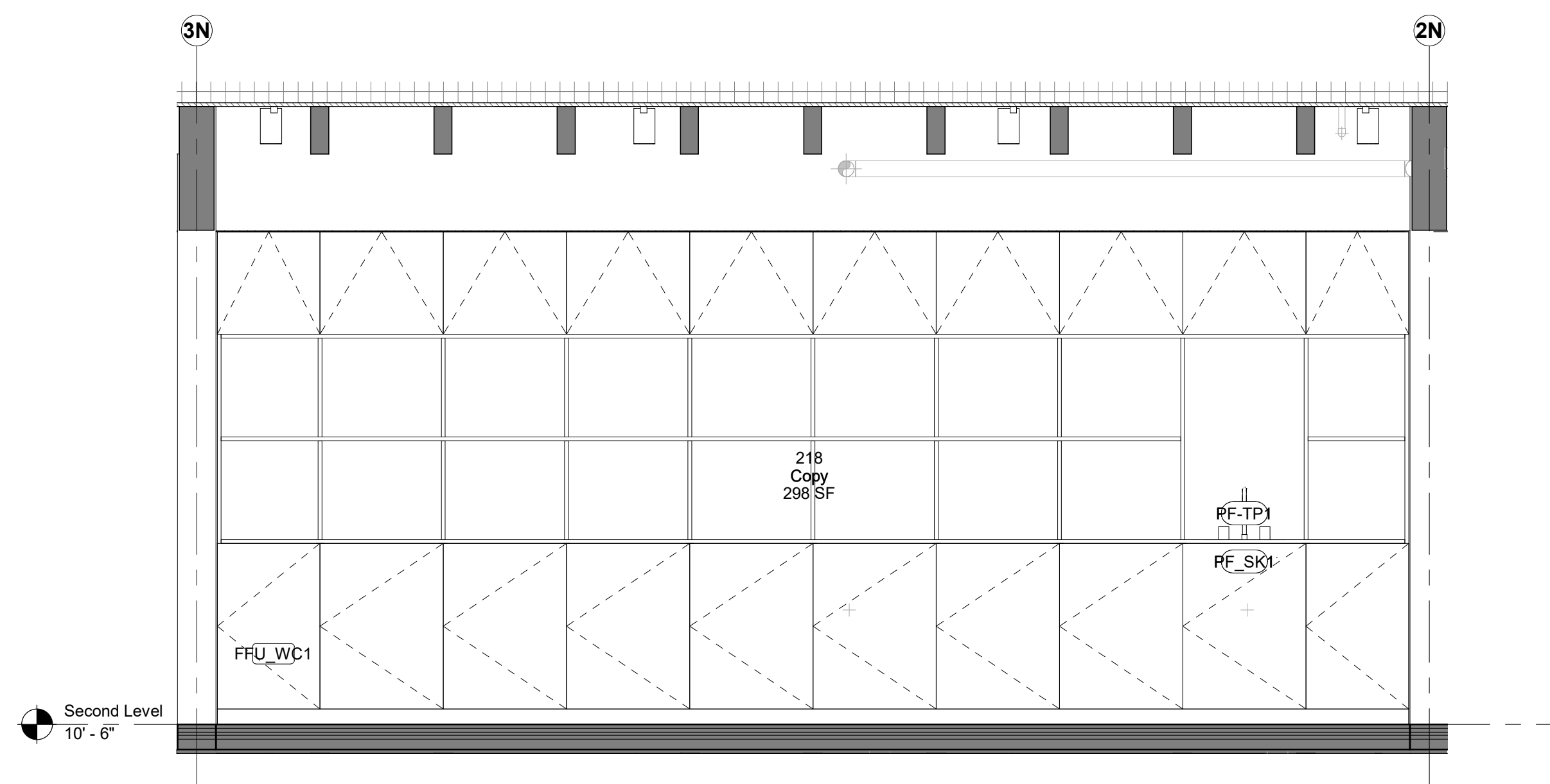
GENERAL NOTE MILLWORK:
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PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

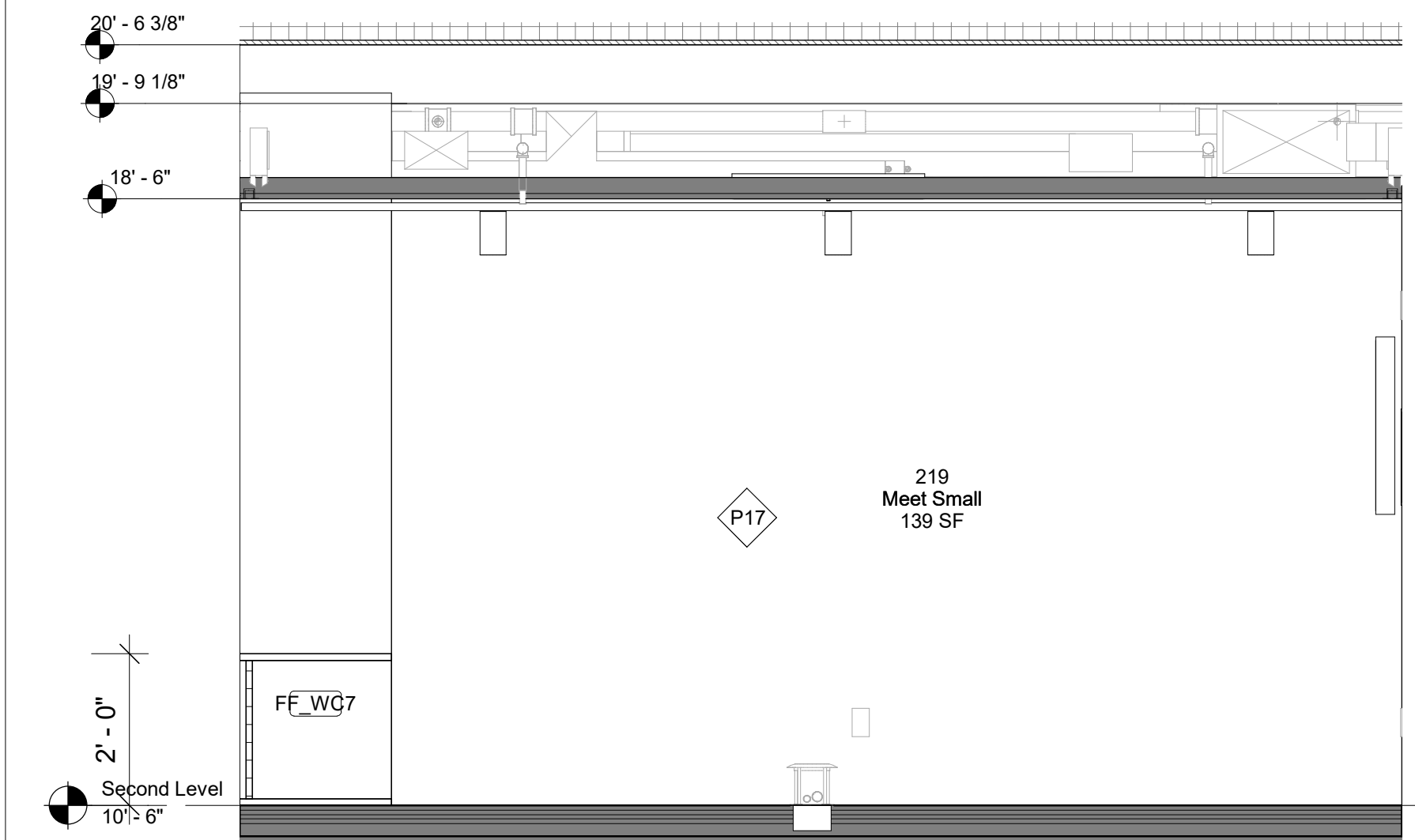
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Drawing Number	A-A-626
Sheet Size	ARCH D



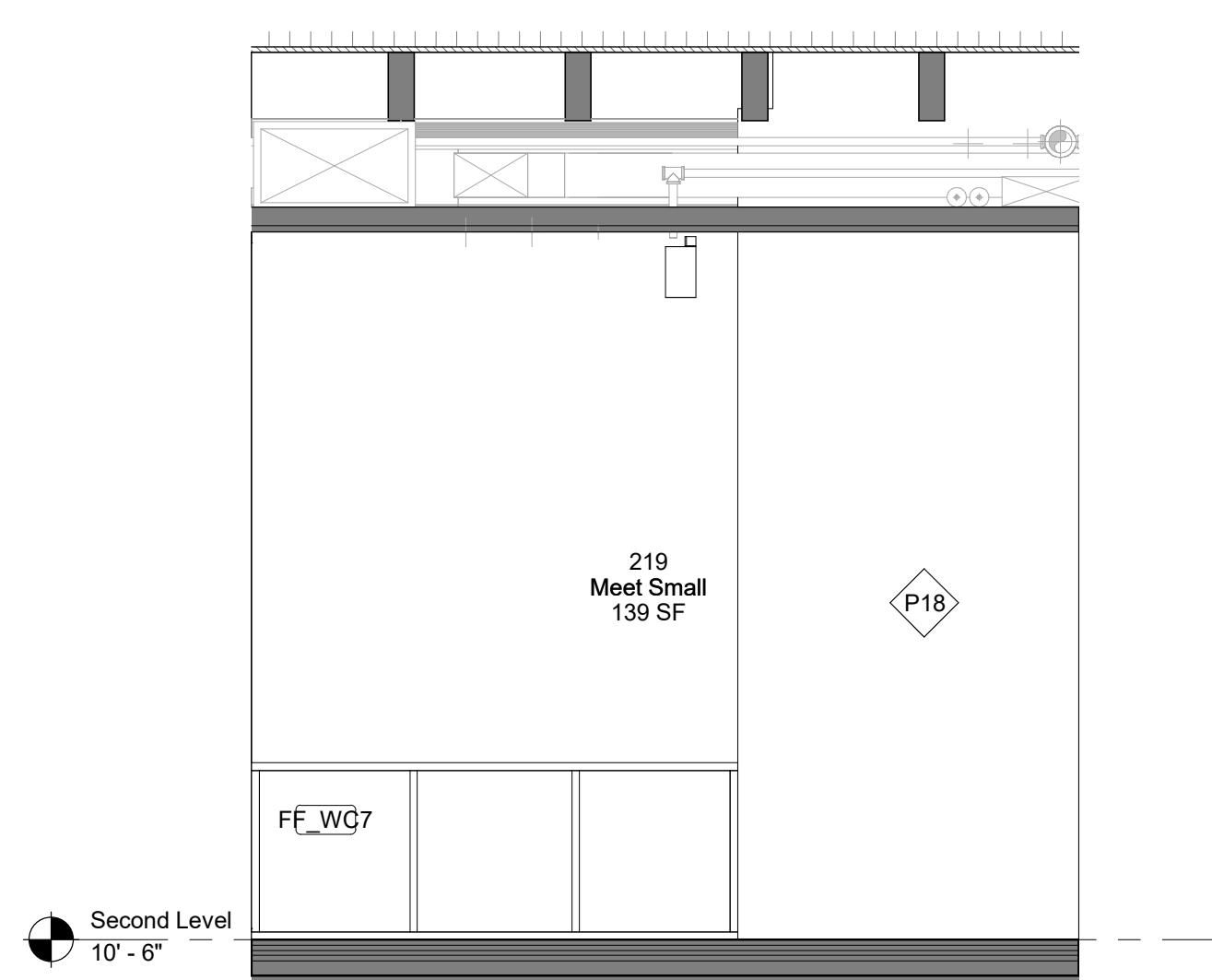
1 218 - Copy - North Elevation
1/2" = 1'-0"



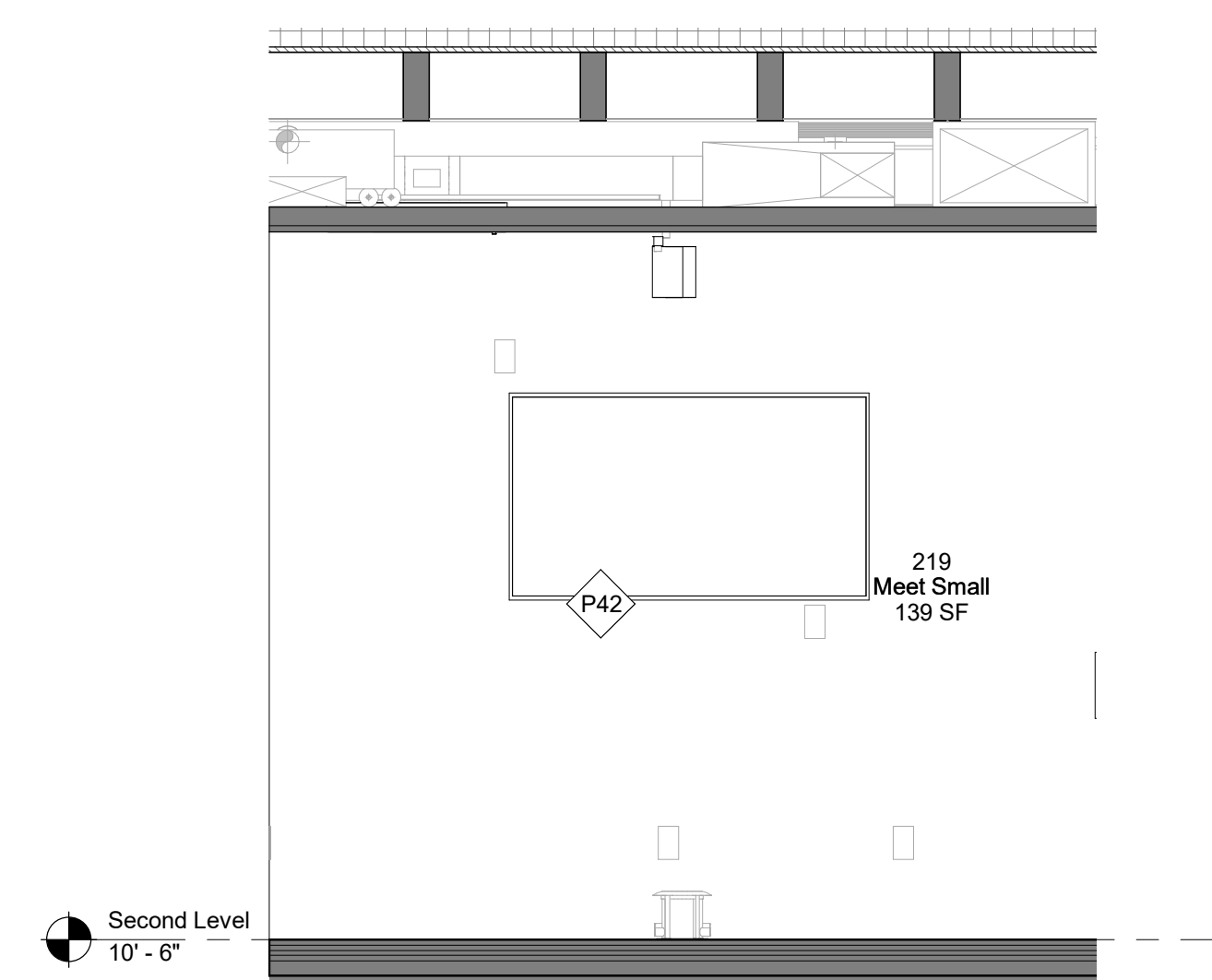
2 218 - Copy - South Elevation
1/2" = 1'-0"



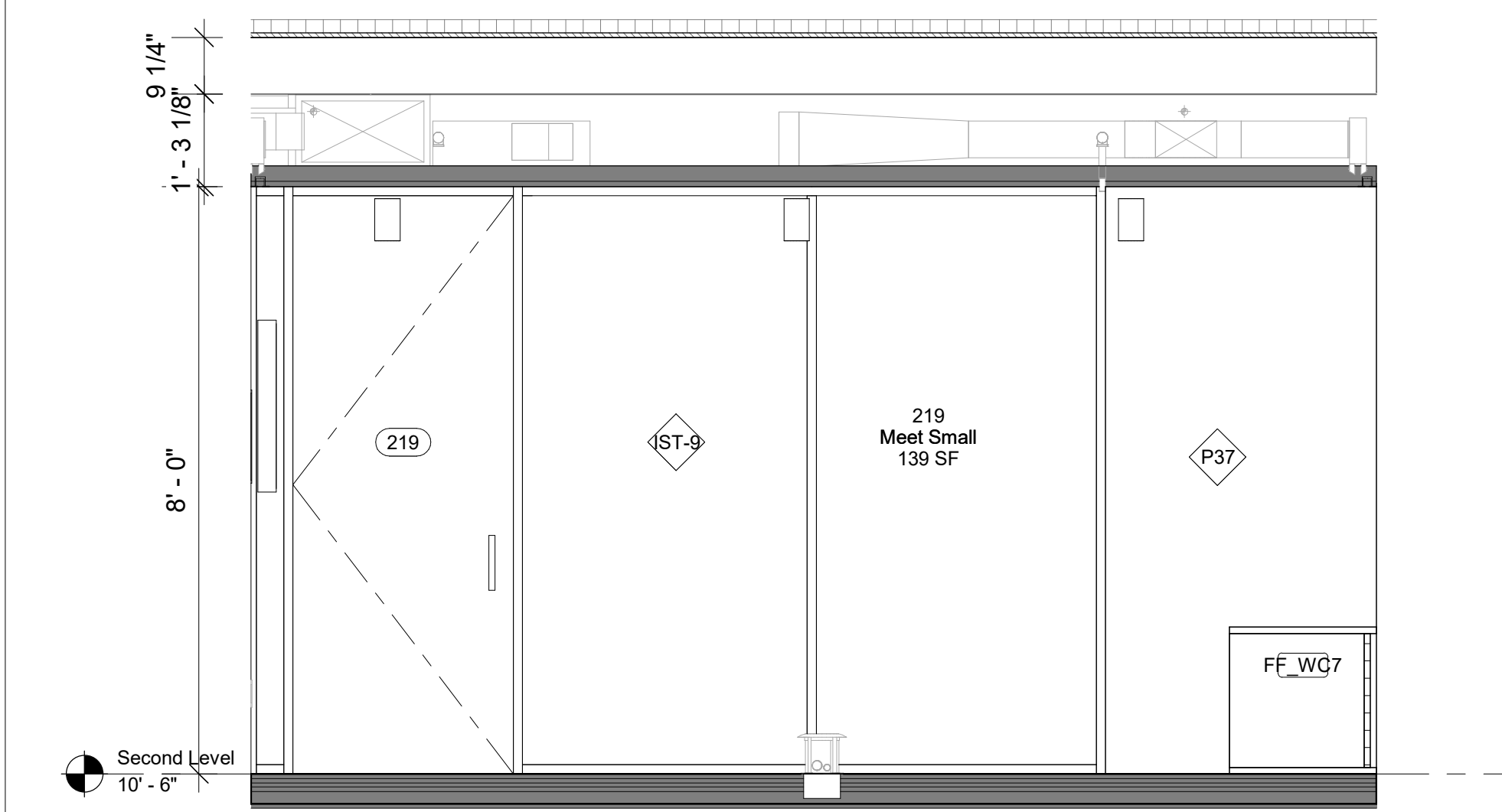
3 219 - Meet Small - East Elevation
1/2" = 1'-0"



4 219 - Meet Small - North Elevation
1/2" = 1'-0"



5 219 - Meet Small - South Elevation
1/2" = 1'-0"



6 219 - Meet Small - West Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

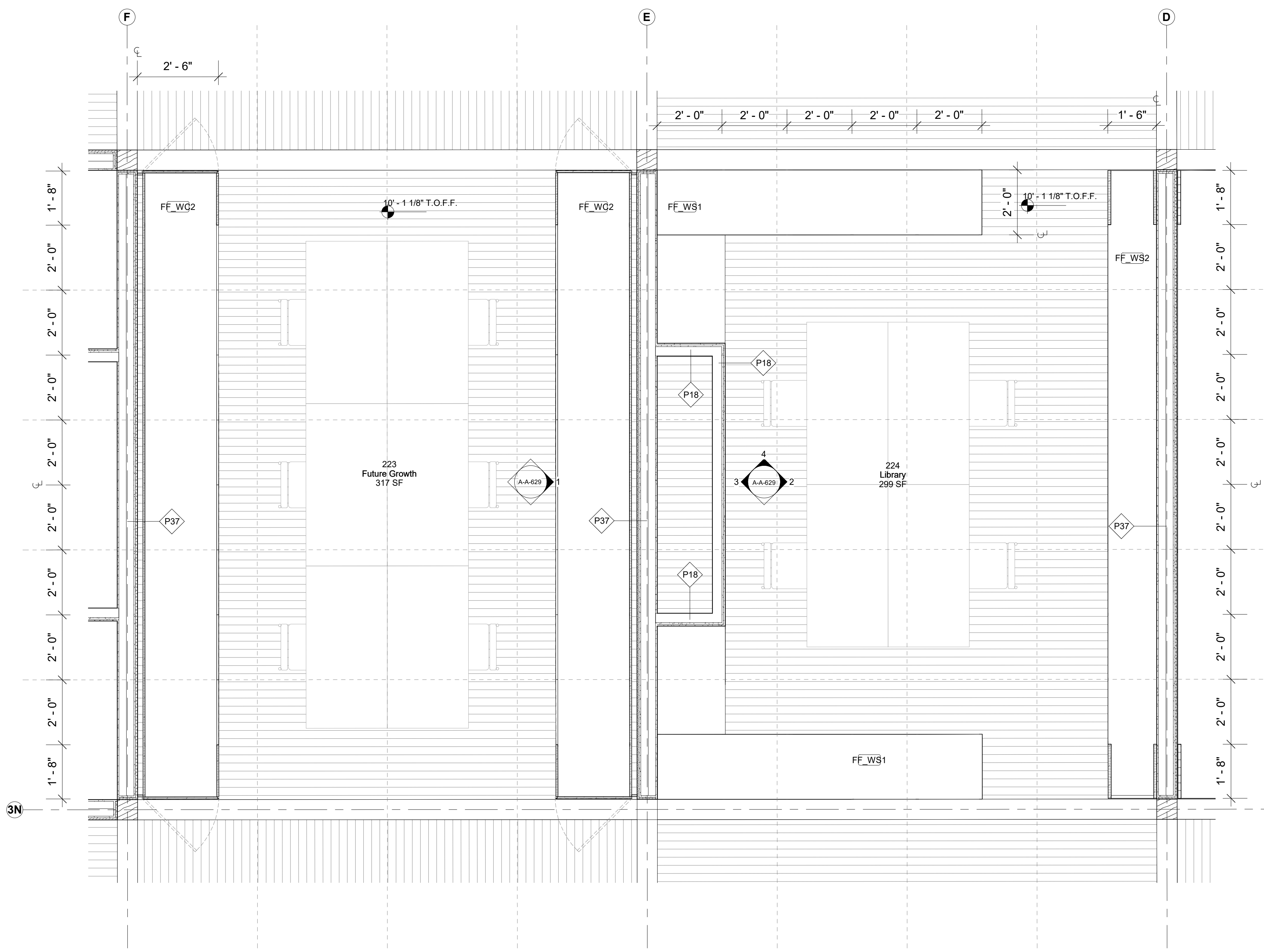
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NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations - 218, 219

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-627
Sheet Size	ARCH D



1 223, 224
1/2" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
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New York, NY, US 1002
+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

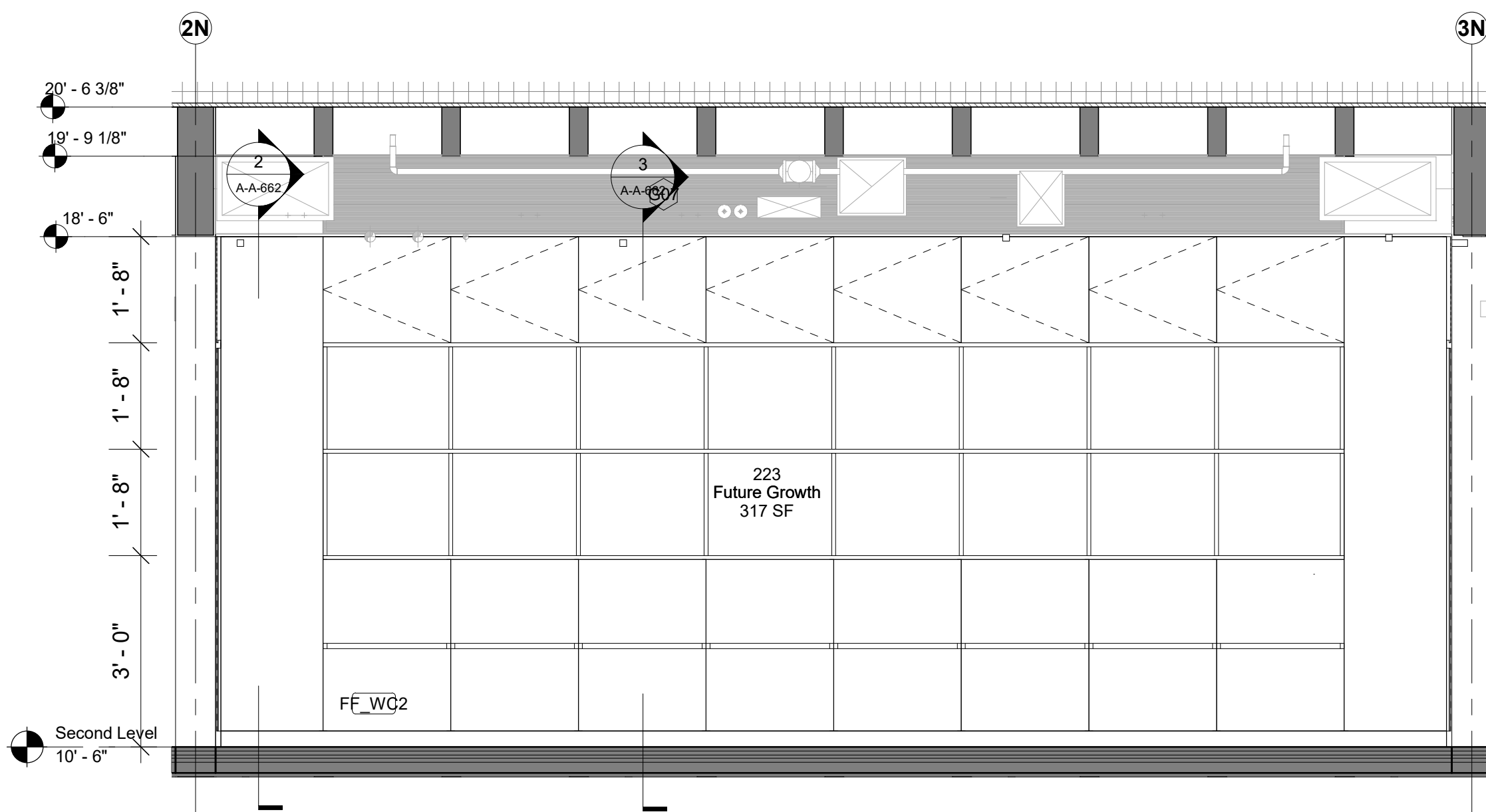
Seal

NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 223, 224

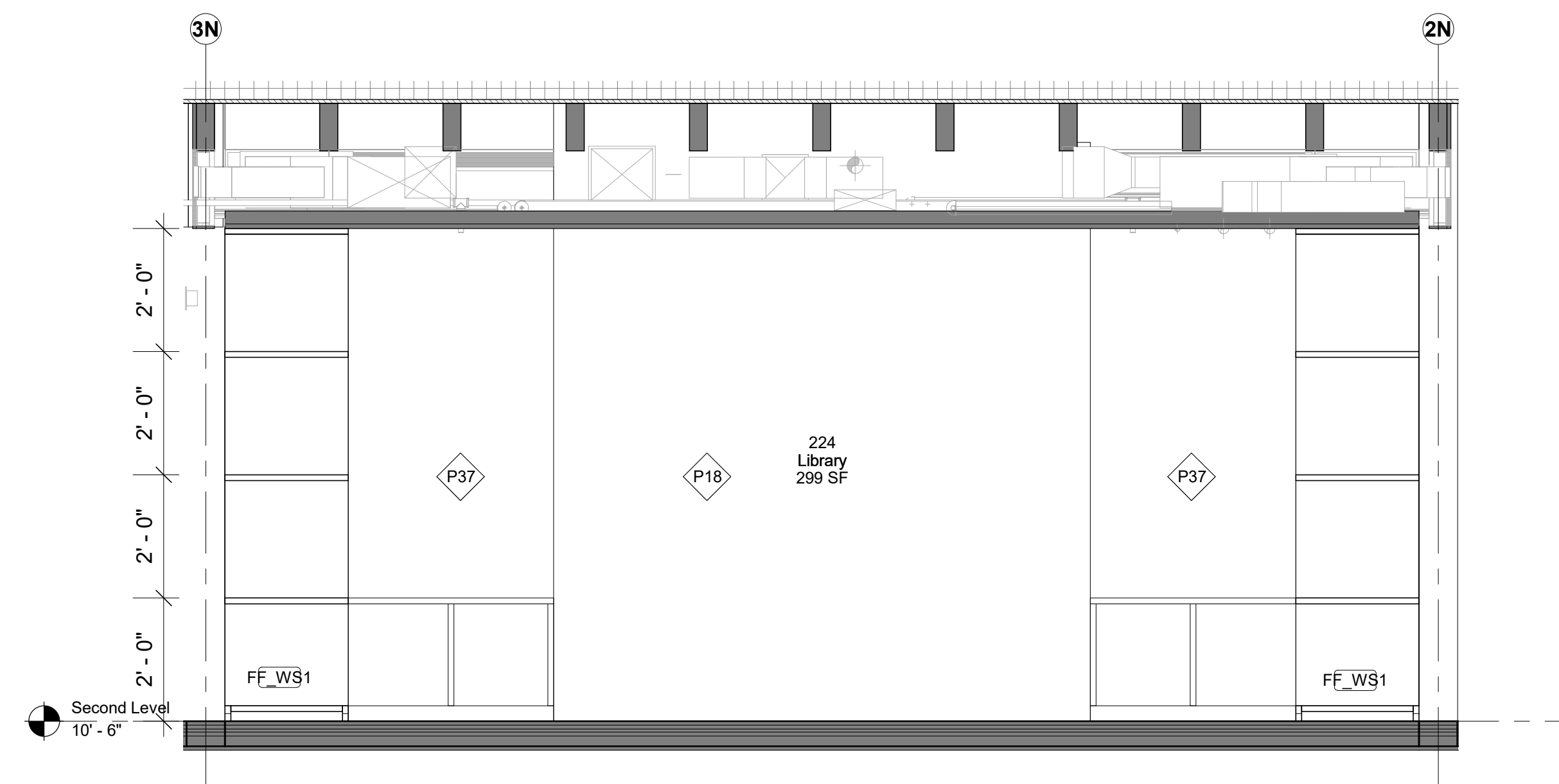
GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE

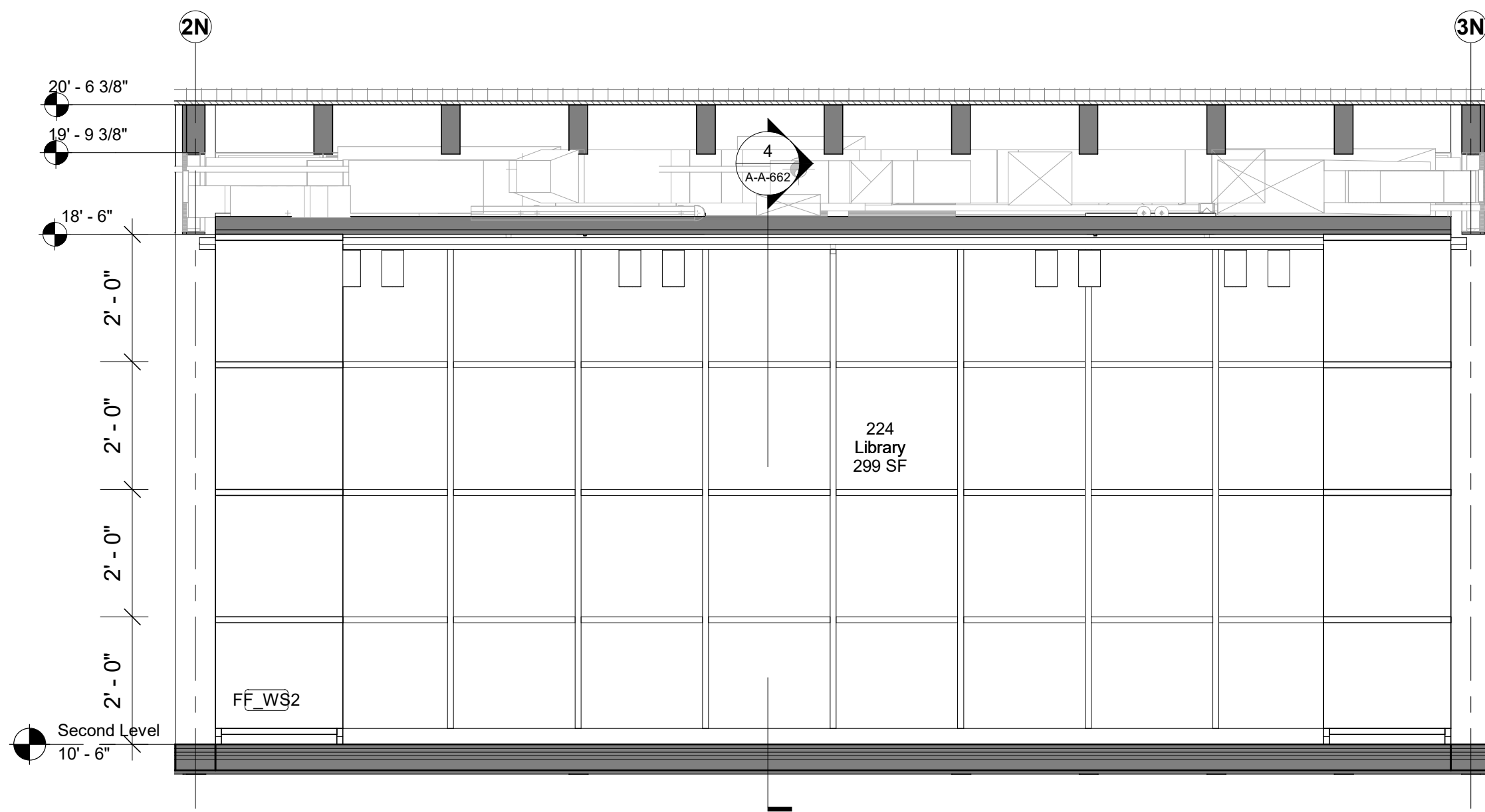
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Scale	1/2" = 1'-0"
Drawing Number	A-A-628
Sheet Size	ARCH D



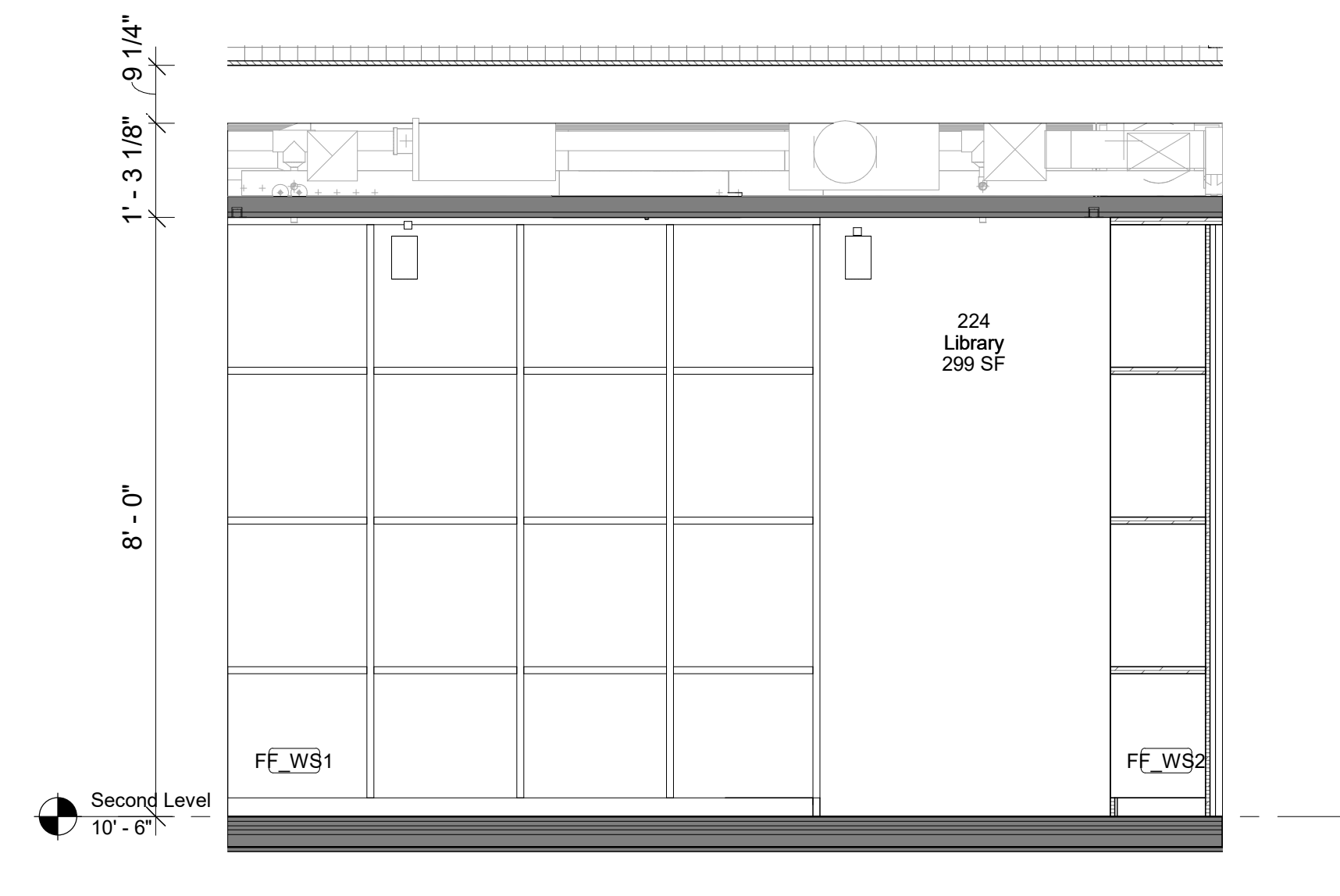
1 223 - Future Growth - North Elevation
1/2" = 1'-0"



3 224 - Library - South Elevation
1/2" = 1'-0"



2 224 - Library - North Elevation
1/2" = 1'-0"



4 224 - Library - West Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

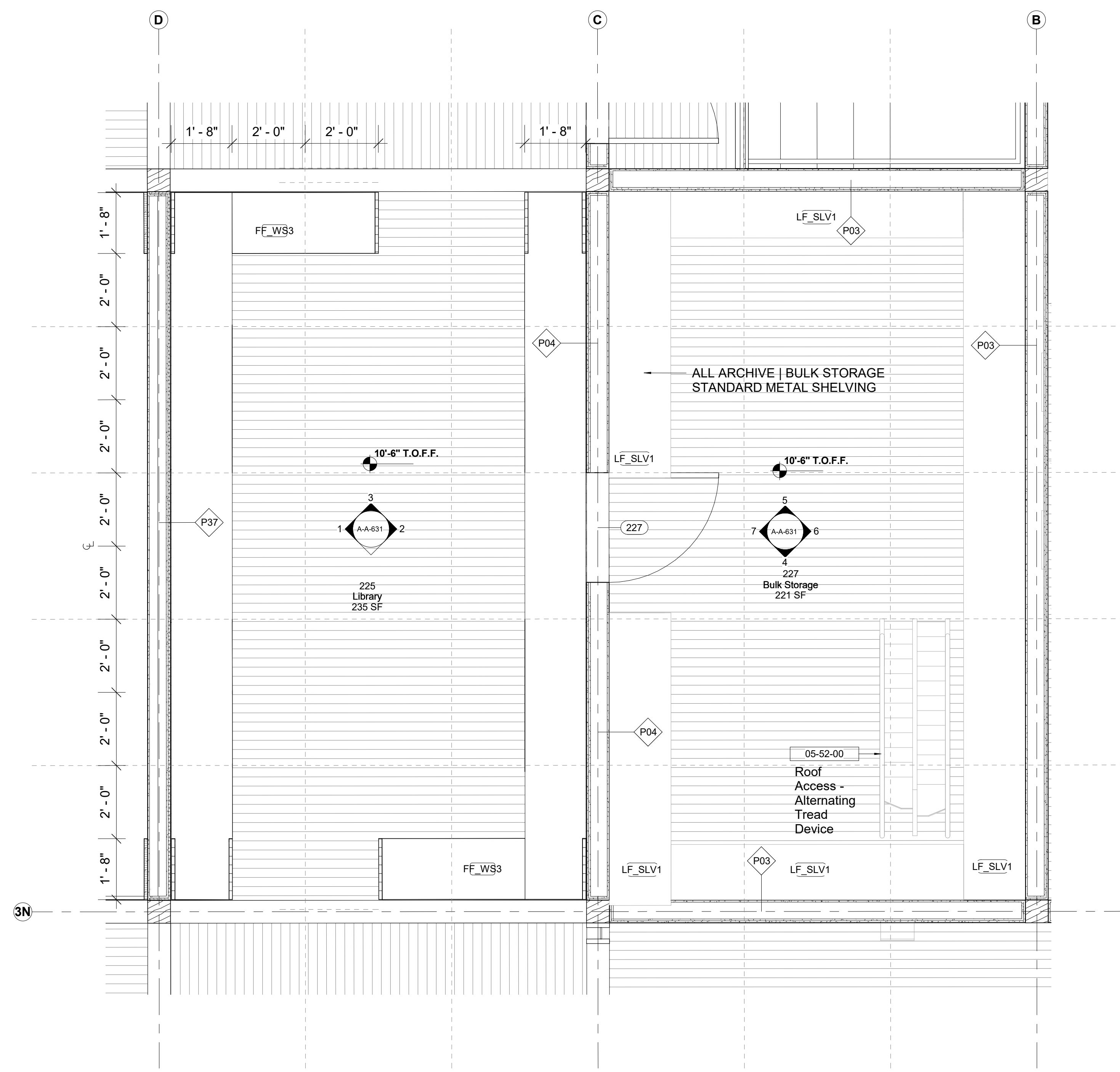
NOT FOR CONSTRUCTION

Drawing Title
**Interior Elevations -
223, 224**

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-629
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE



1 225, 227
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-00	Aluminum Handrails and Stringers

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

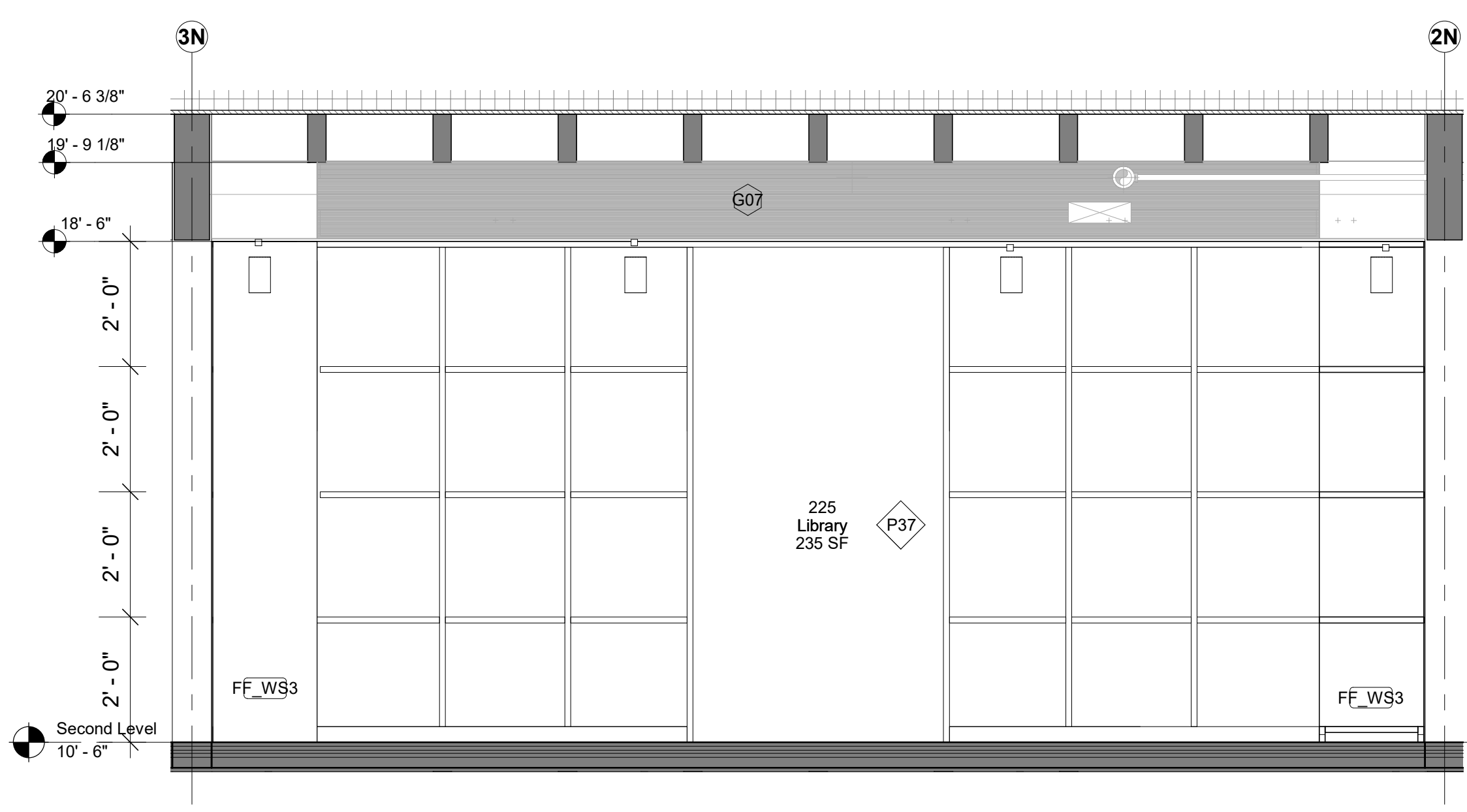
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NOT FOR CONSTRUCTION
Drawing Title
Room Plans - 225, 227

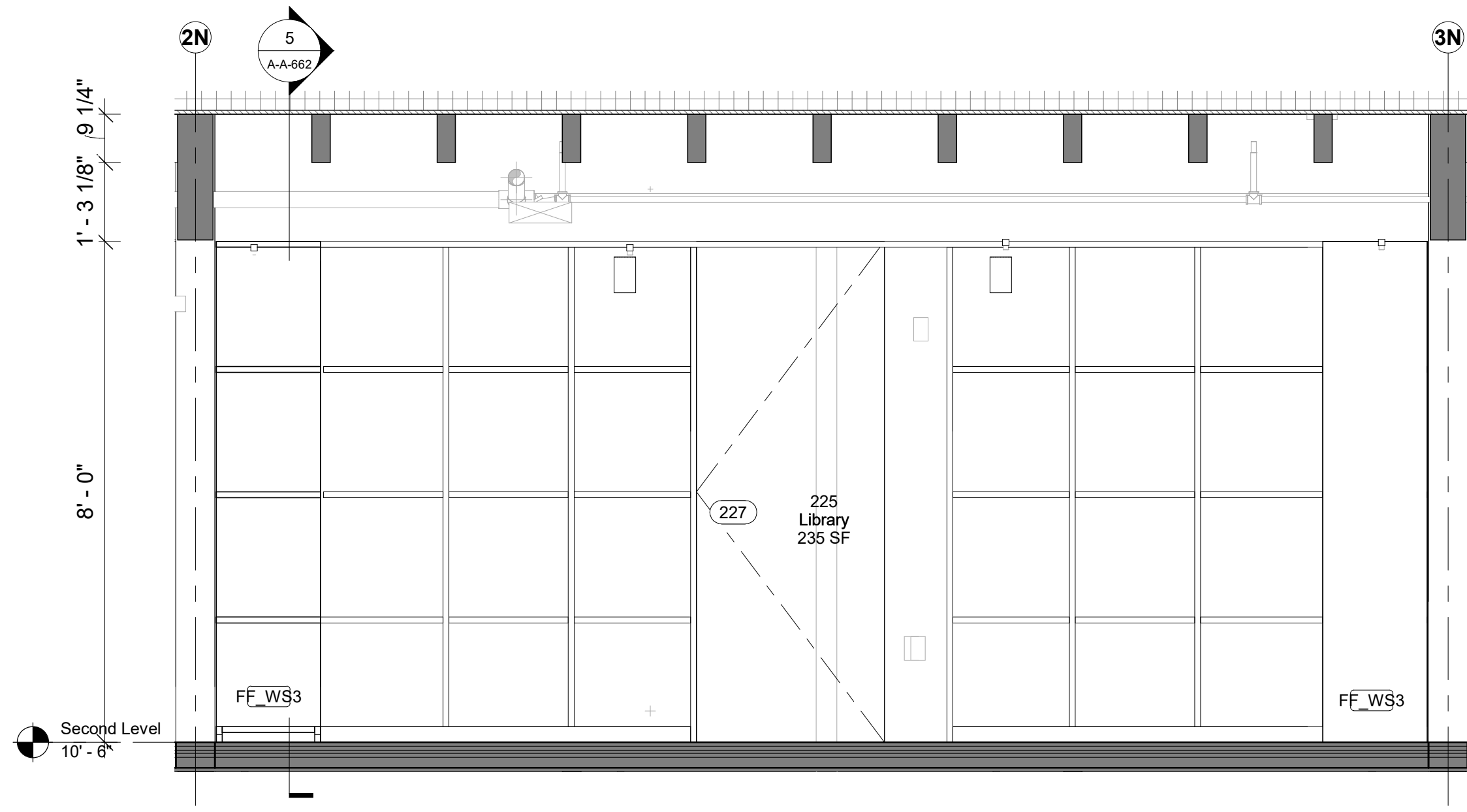
GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE

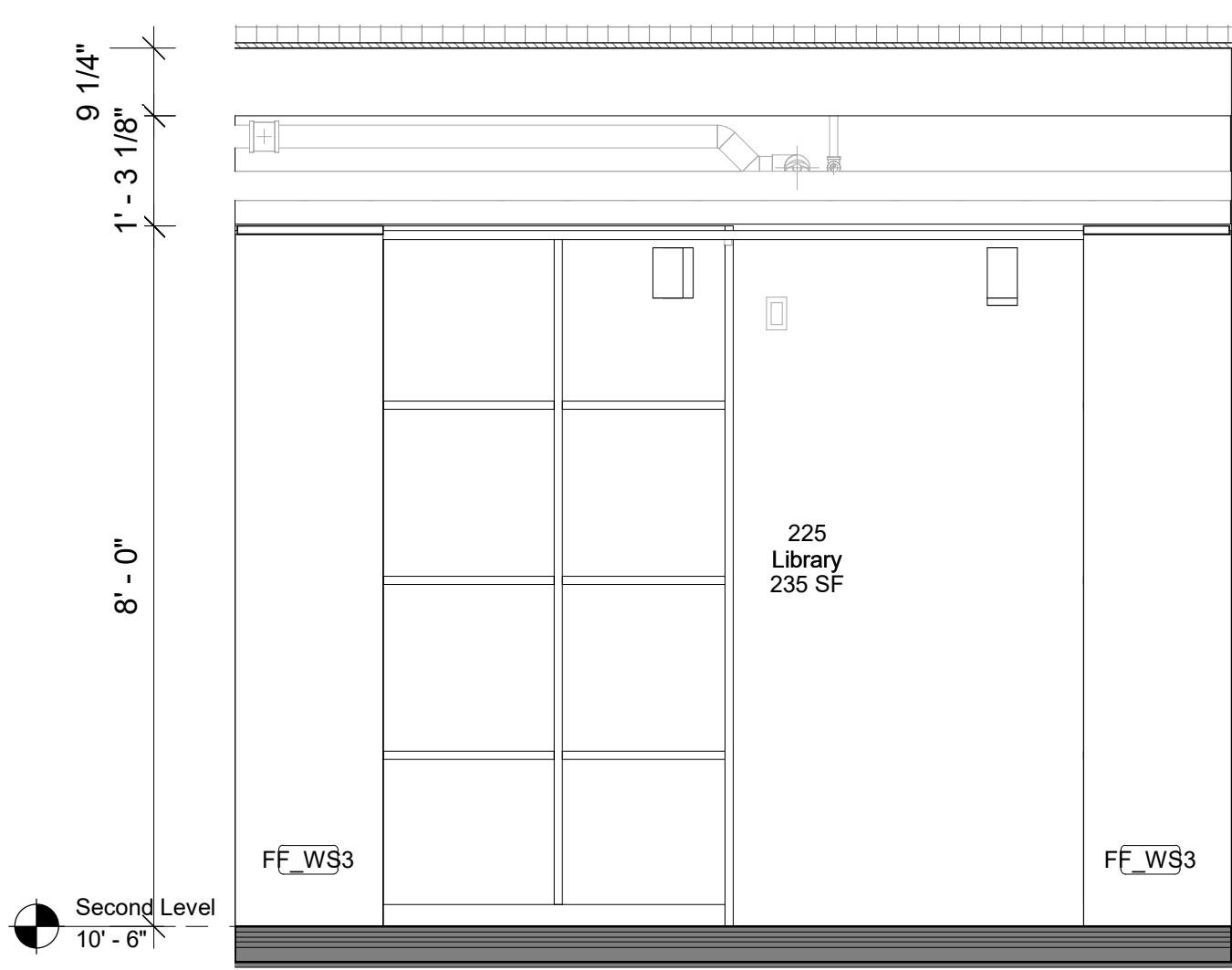
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Drawing Number	A-A-630
Sheet Size	ARCH D



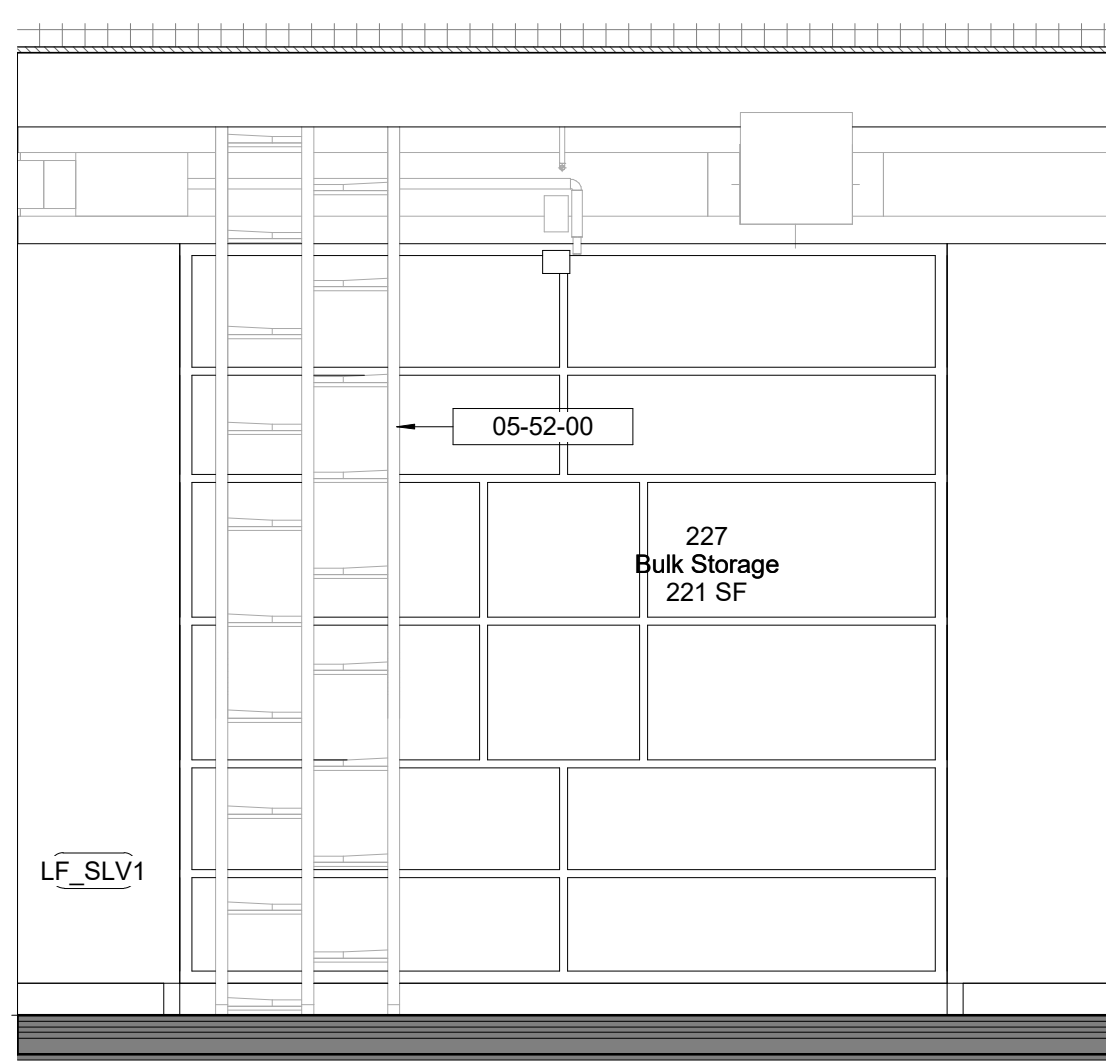
1 225 - Library - South Elevation
1/2" = 1'-0"



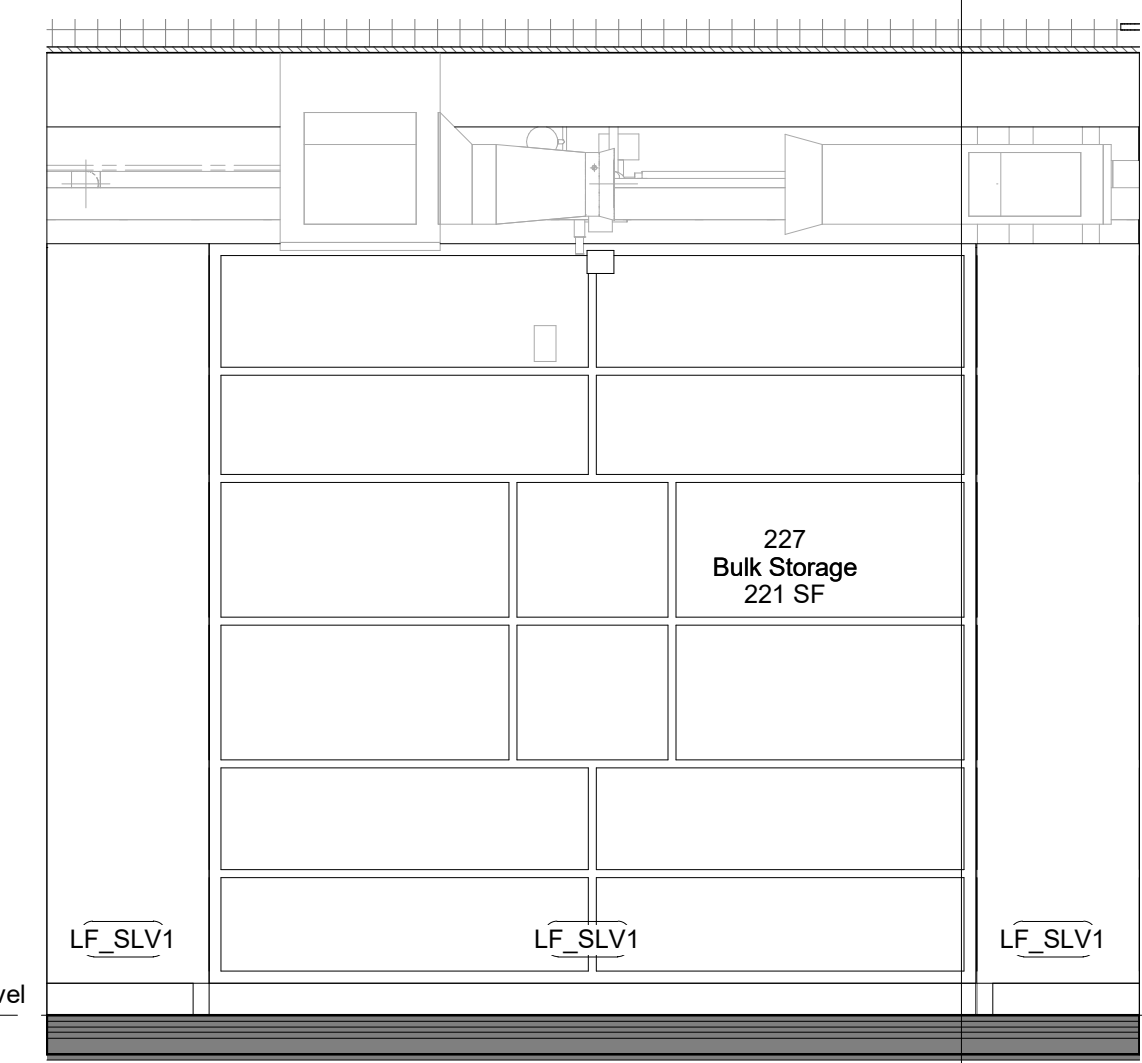
2 225 - Library - North Elevation
1/2" = 1'-0"



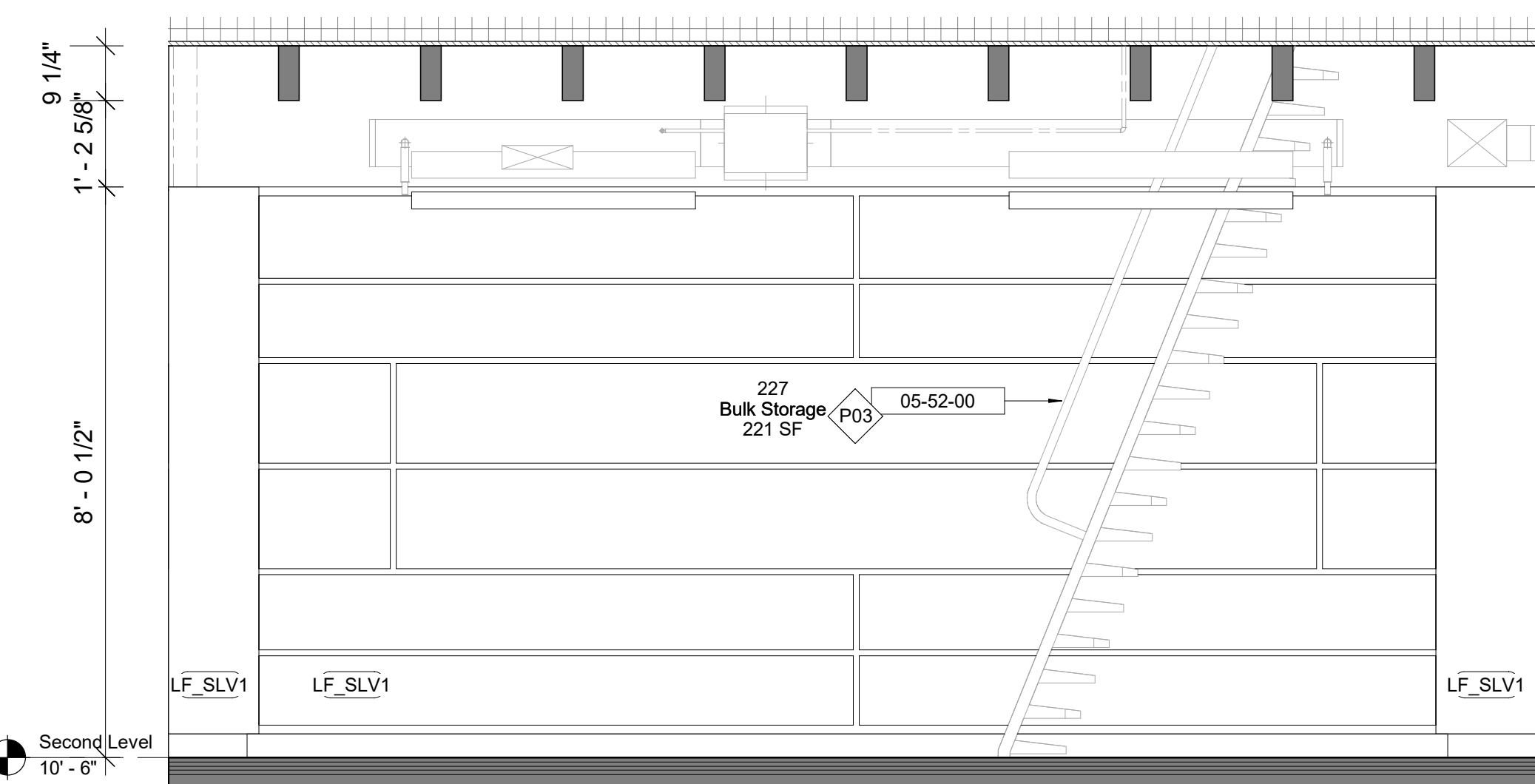
3 225 - Library - West Elevation
1/2" = 1'-0"



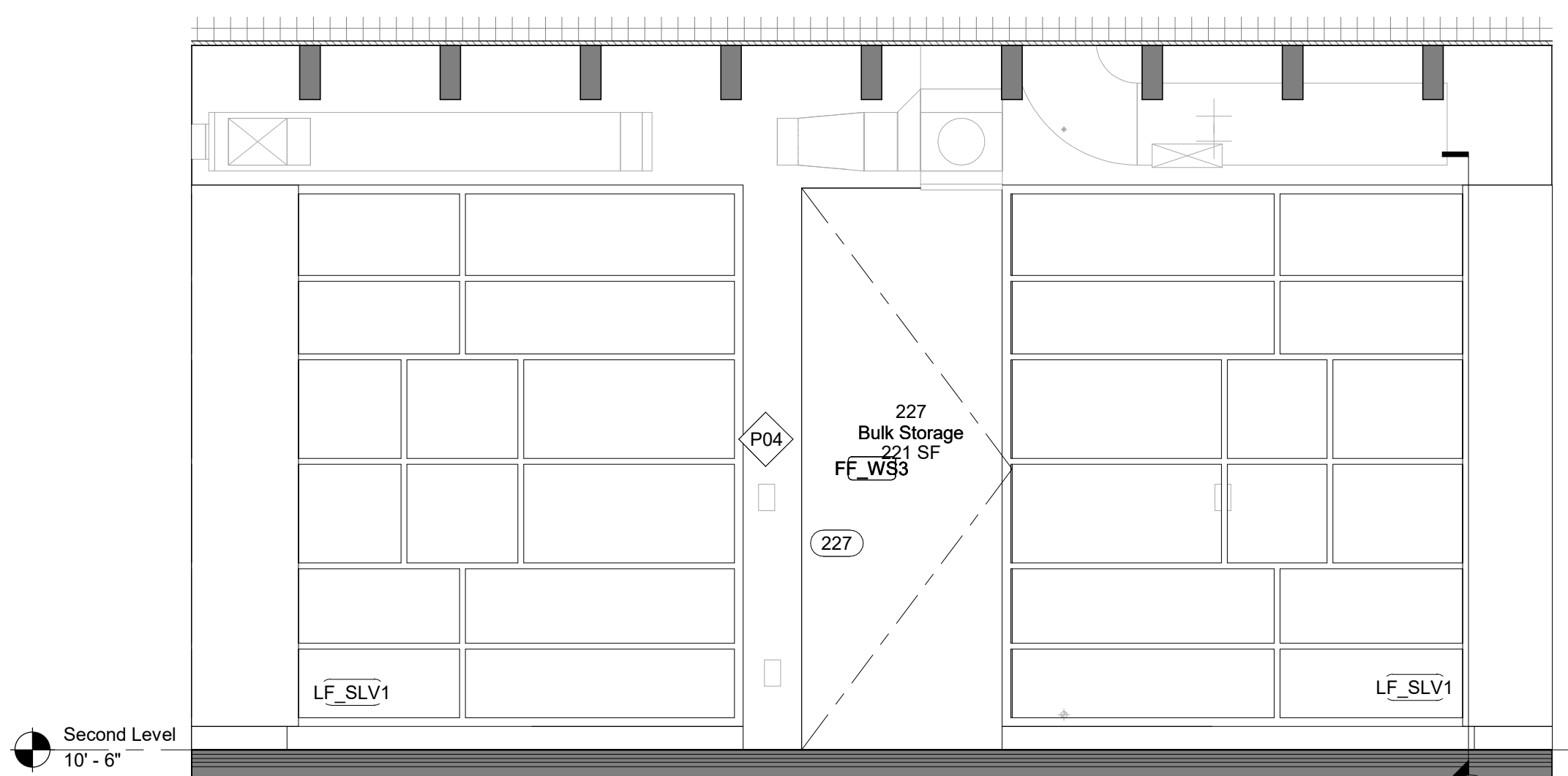
4 227 - Bulk Storage - East Elevation
1/2" = 1'-0"



5 227 - Bulk Storage - West Elevation
1/2" = 1'-0"



6 227 - Bulk Storage - North Elevation
1/2" = 1'-0"



7 227 - Bulk Storage - South Elevation
1/2" = 1'-0"

Keynote Legend	
Keynote	Description
05-52-00	Aluminum Handrails and Stringers

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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

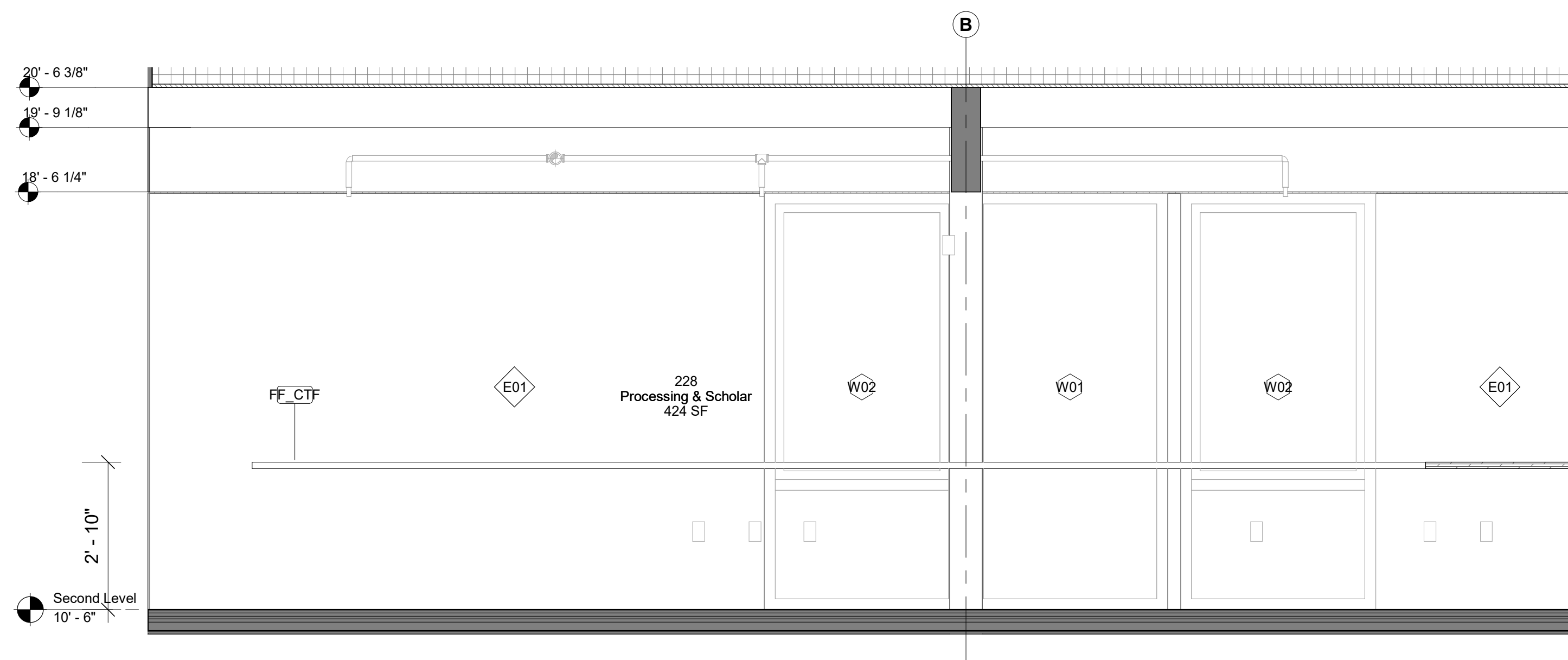
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NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
225, 227

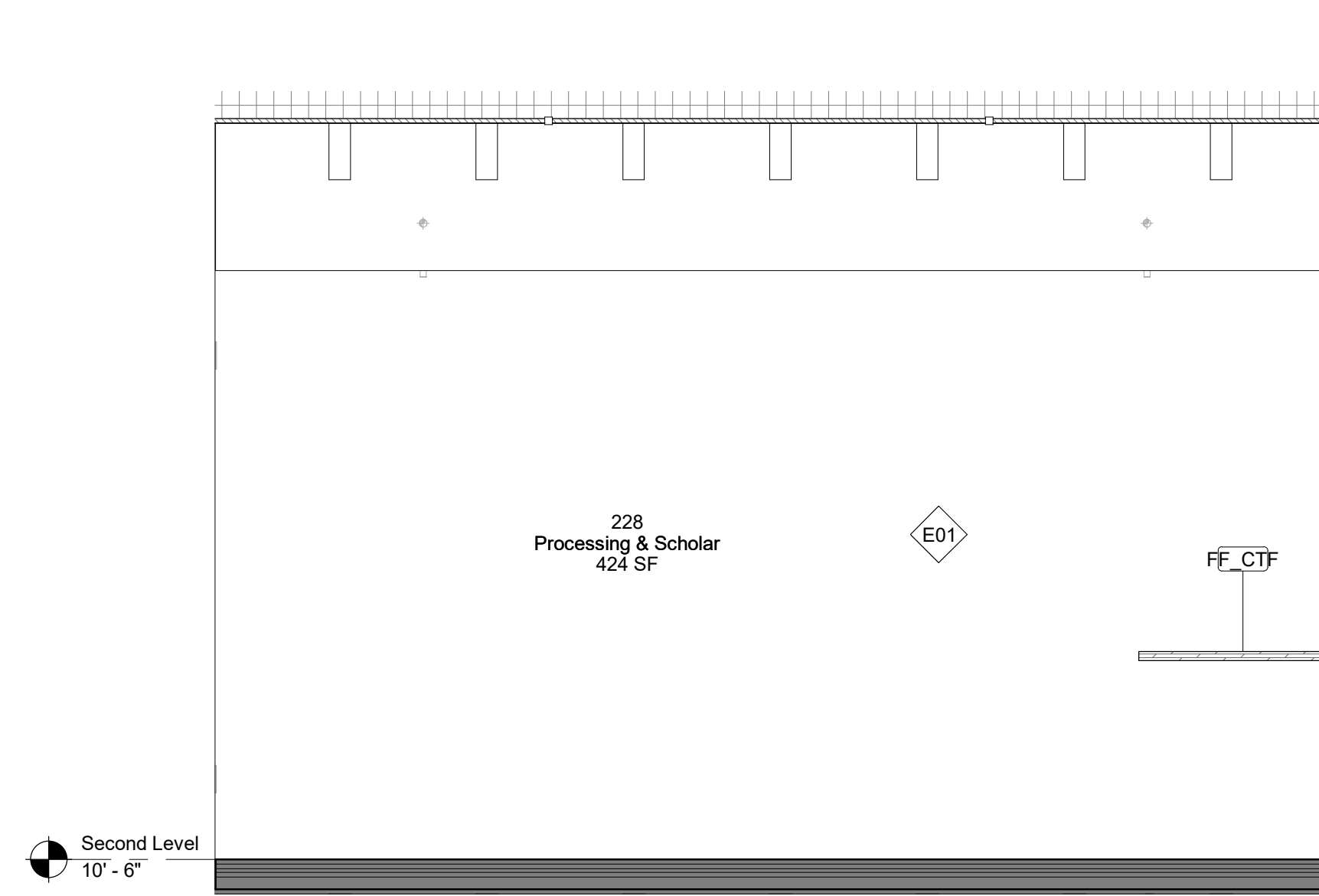
GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE

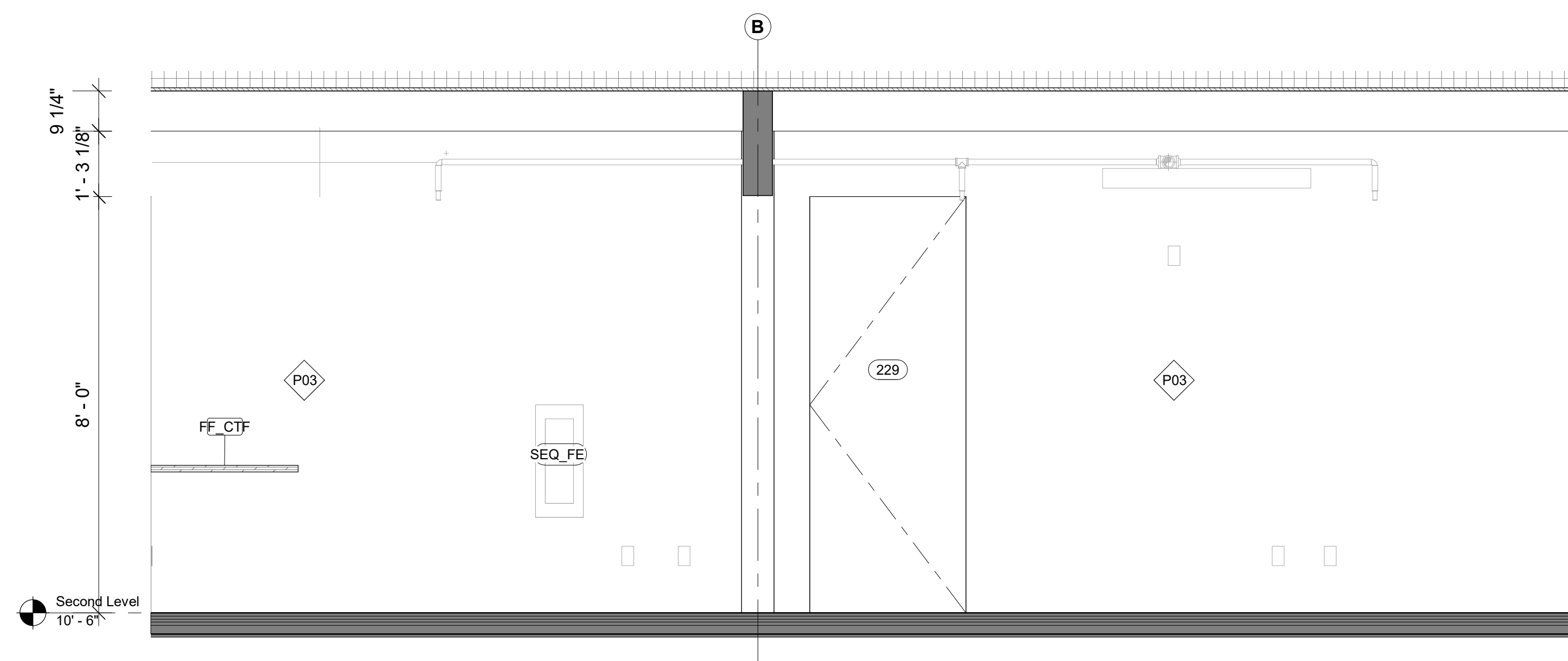
Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-631
Sheet Size	ARCH D



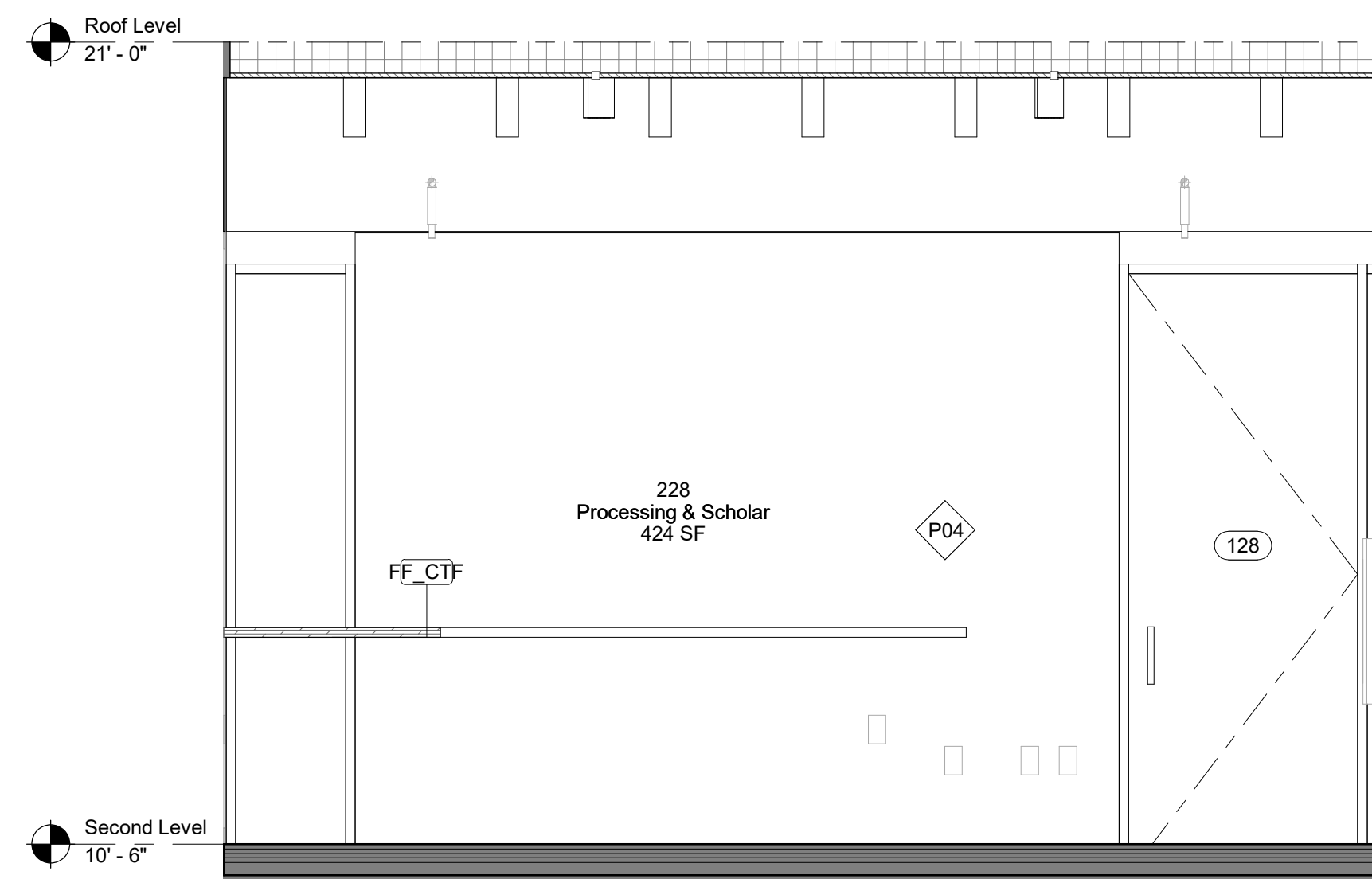
1 228 - Processing & Scholar - East Elevation
1/2" = 1'-0"



2 228 - Processing & Scholar - North Elevation
1/2" = 1'-0"



3 228 - Processing & Scholar - West Elevation
1/2" = 1'-0"



4 228 - Processing & Scholar - South Elevation
1/2" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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+1 (845) 534-3115

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+1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration
Building

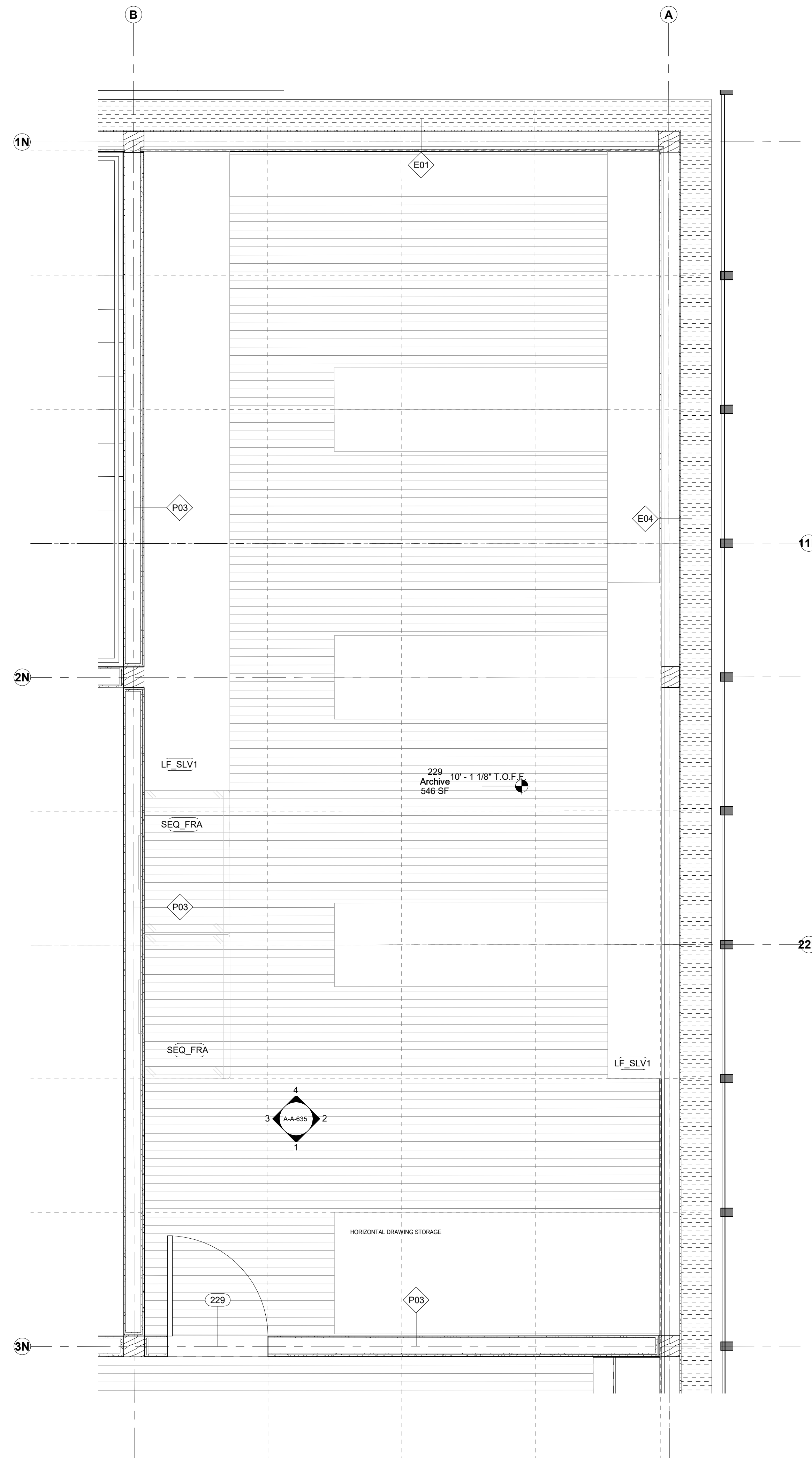
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NOT FOR CONSTRUCTION
Drawing Title
Interior Elevations -
228

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-633
Sheet Size	ARCH D

GENERAL NOTE MILLWORK:
FOR STANDARD MILLWORK DETAILS
PLEASE REFER TO SHEETS A-A-661 |
A-A-662

STANDARD METAL SHELVING IN ALL
ARCHIVE | BULK STORAGE | VS
STORAGE



Keynote Legend	
Keynote	Description
E01	Architectural Element
E04	Architectural Element
P03	Architectural Element
11N	Grid Line
22N	Grid Line
3N	Grid Line
LF_SLV1	Shelving Unit
SEQ_FRA	Sequence Frame
229	Room Number
A-A-635	Section Line
HORIZONTAL DRAWING STORAGE	Storage Area

GENERAL NOTE MILLWORK:
 FOR STANDARD MILLWORK DETAILS PLEASE REFER TO SHEETS A-A-661 | A-A-662

STANDARD METAL SHELVING IN ALL ARCHIVE | BULK STORAGE | VS STORAGE

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Room Plan - 229

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-634
Sheet Size	ARCH D

1 229
 1/2" = 1'-0"

Keynote Legend

Keynote	Description
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Owner
 Storm King Art Center
 1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

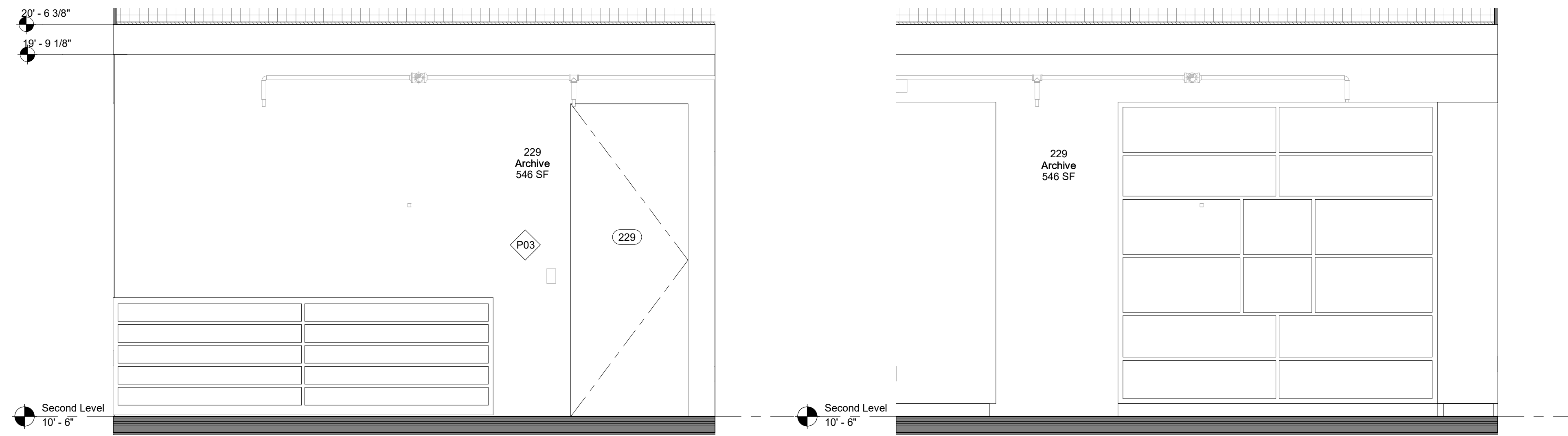
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NOT FOR CONSTRUCTION
 Drawing Title
Interior Elevations - 229

Date	11/06/20
Scale	1/2" = 1'-0"
Drawing Number	A-A-635
Sheet Size	ARCH D

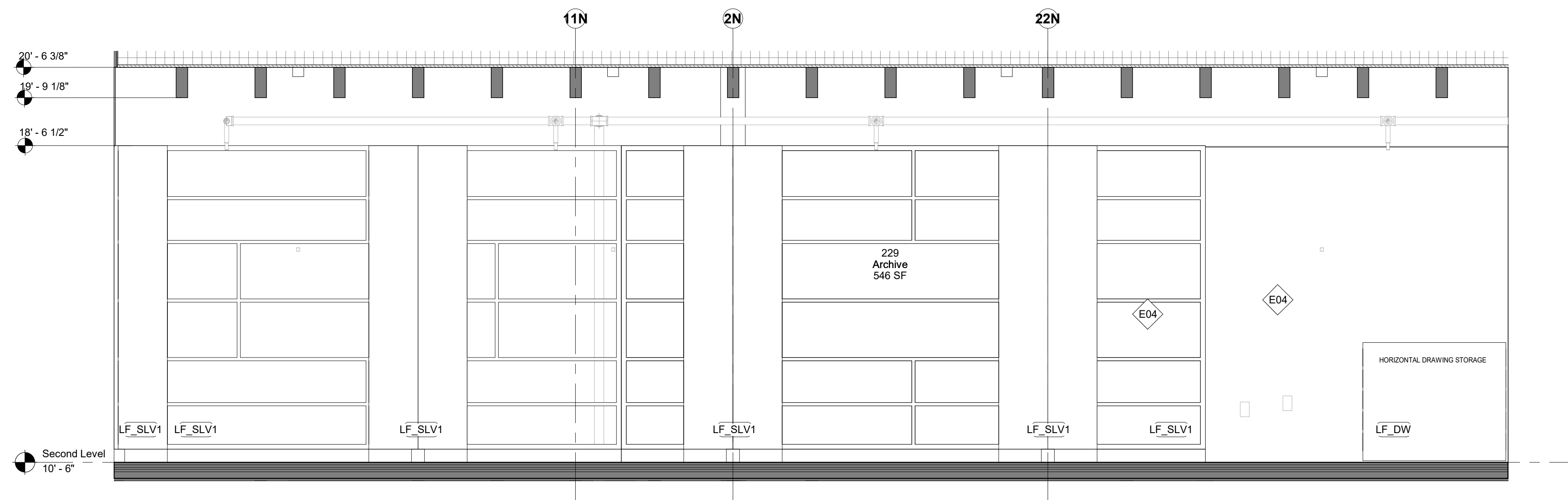
GENERAL NOTE MILLWORK:
 FOR STANDARD MILLWORK DETAILS
 PLEASE REFER TO SHEETS A-A-661 |
 A-A-662

STANDARD METAL SHELVING IN ALL
 ARCHIVE | BULK STORAGE | VS
 STORAGE

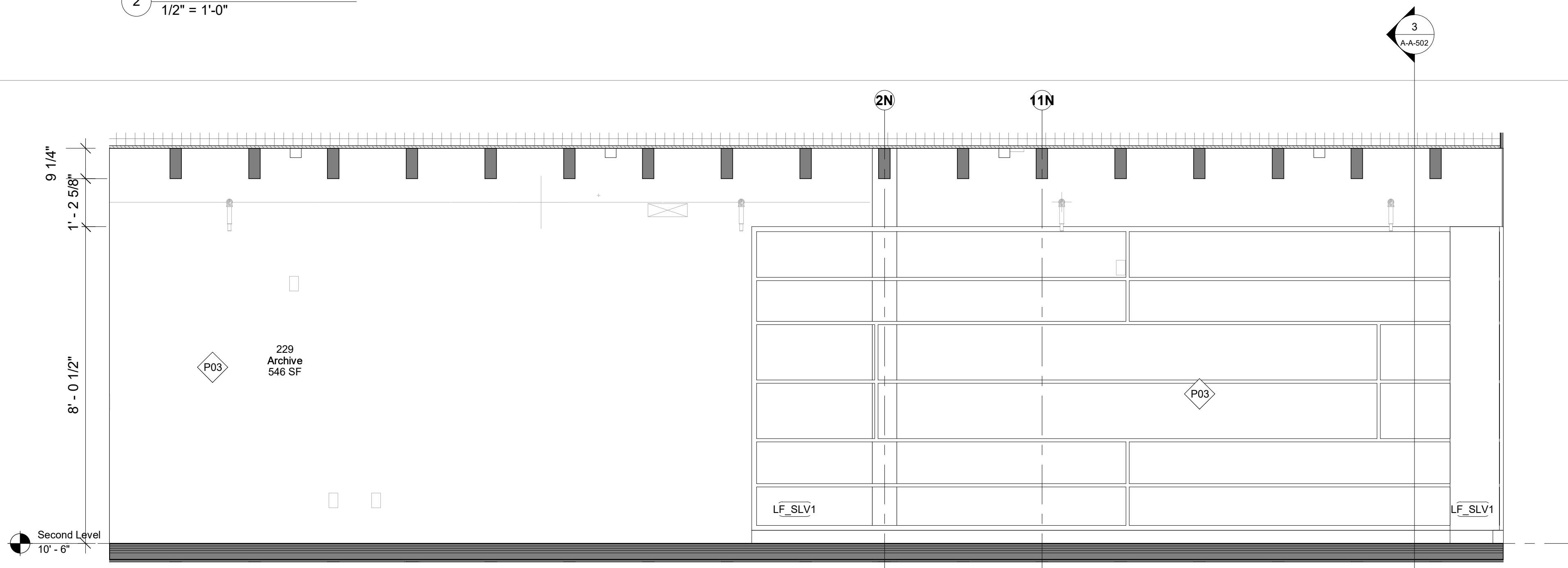


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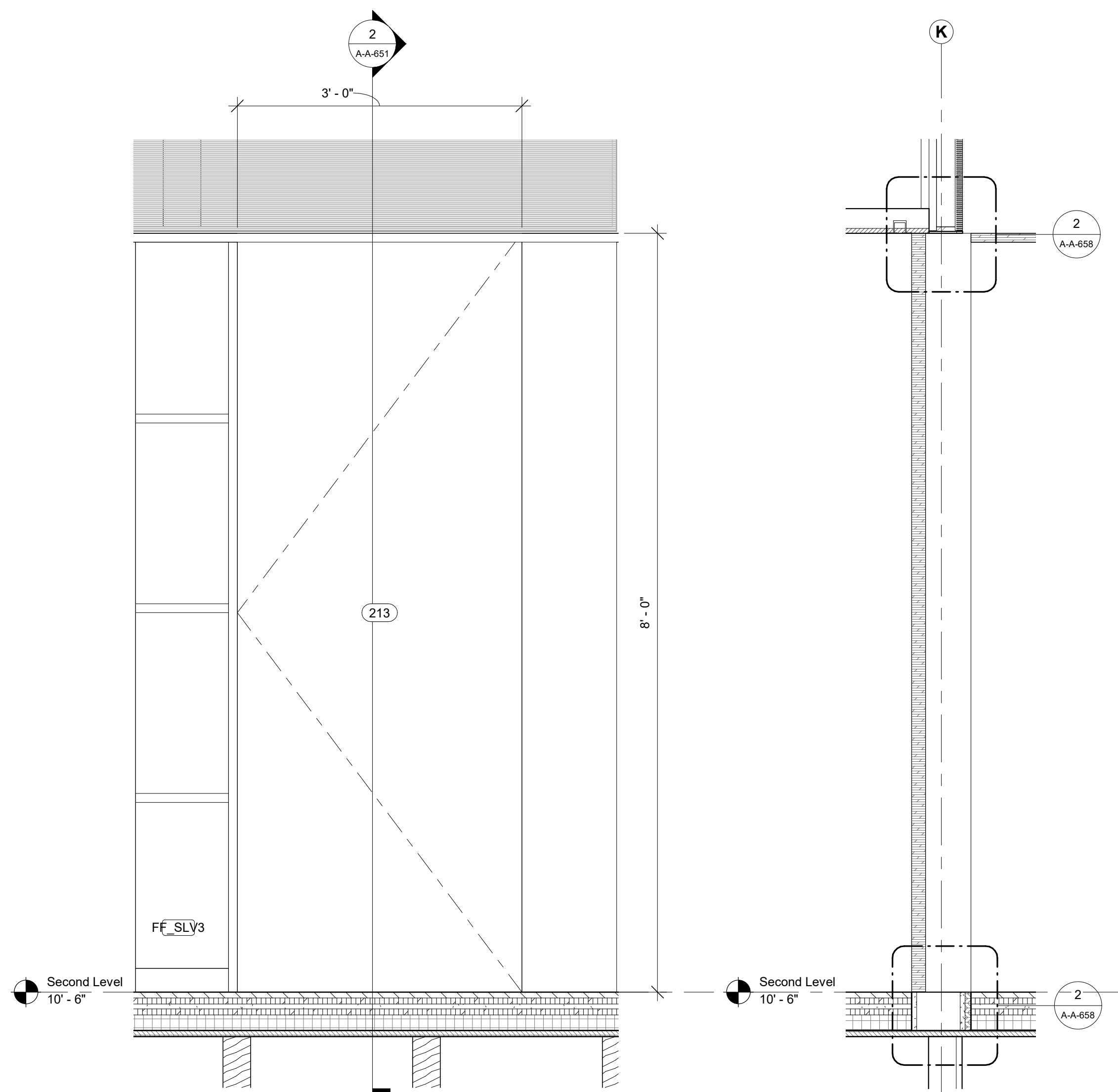
4 229 - Archive - West Elevation
 1/2" = 1'-0"



2 229 - Archive - North Elevation
 1/2" = 1'-0"

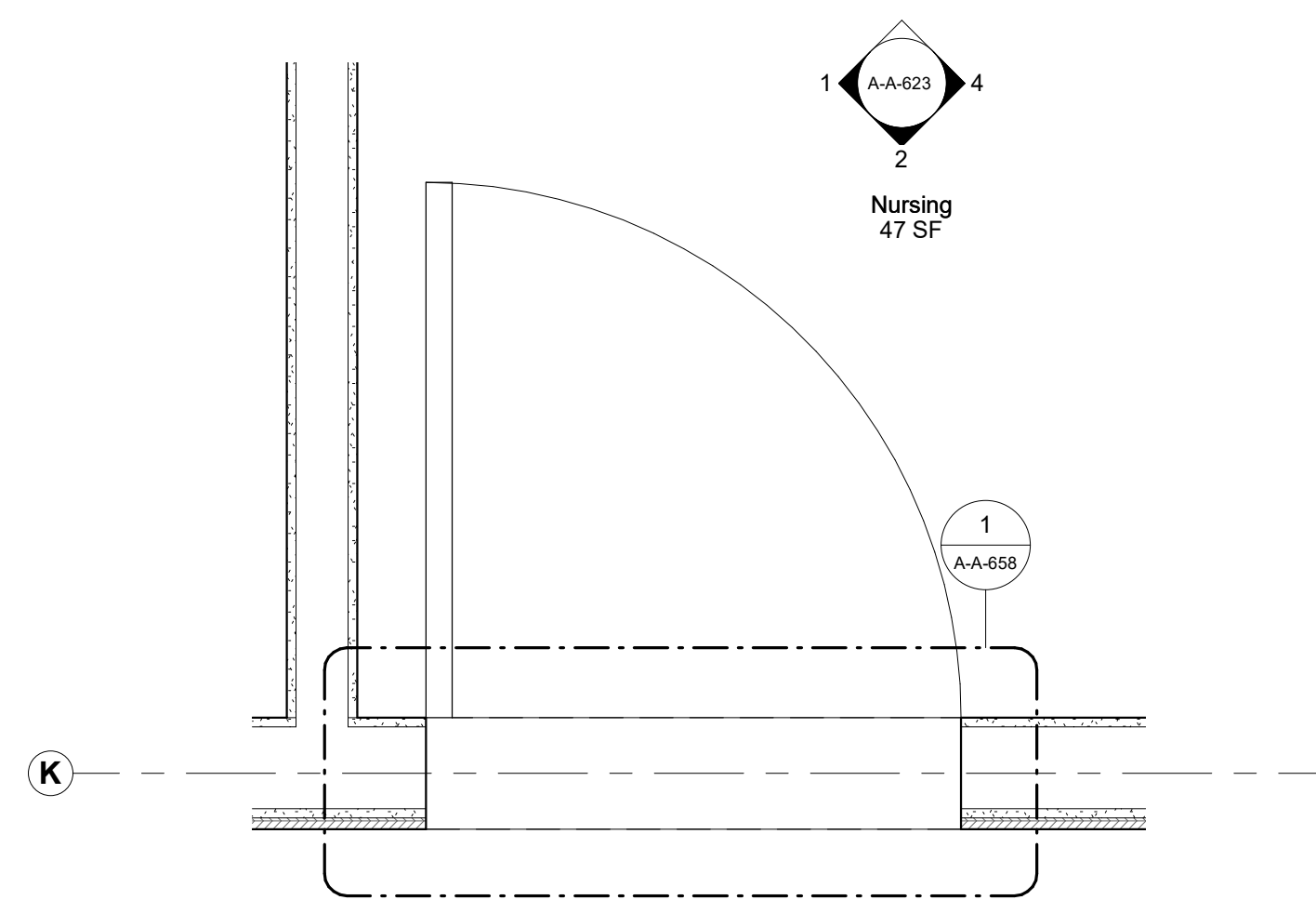


3 229 - Archive - South Elevation
 1/2" = 1'-0"

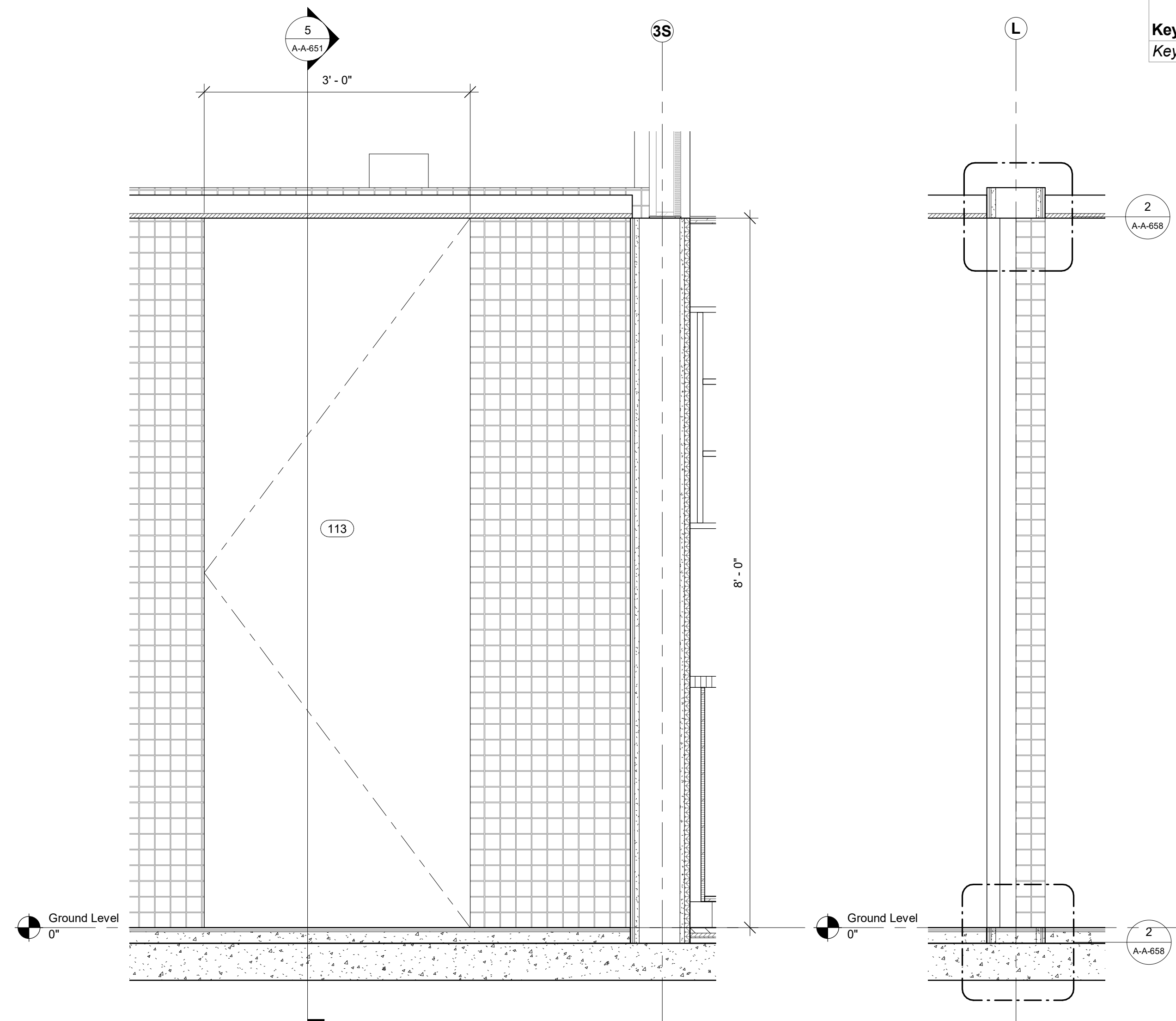


1 Door Elevation - B01
1" = 1'-0"

2 Door Section - B01
1" = 1'-0"

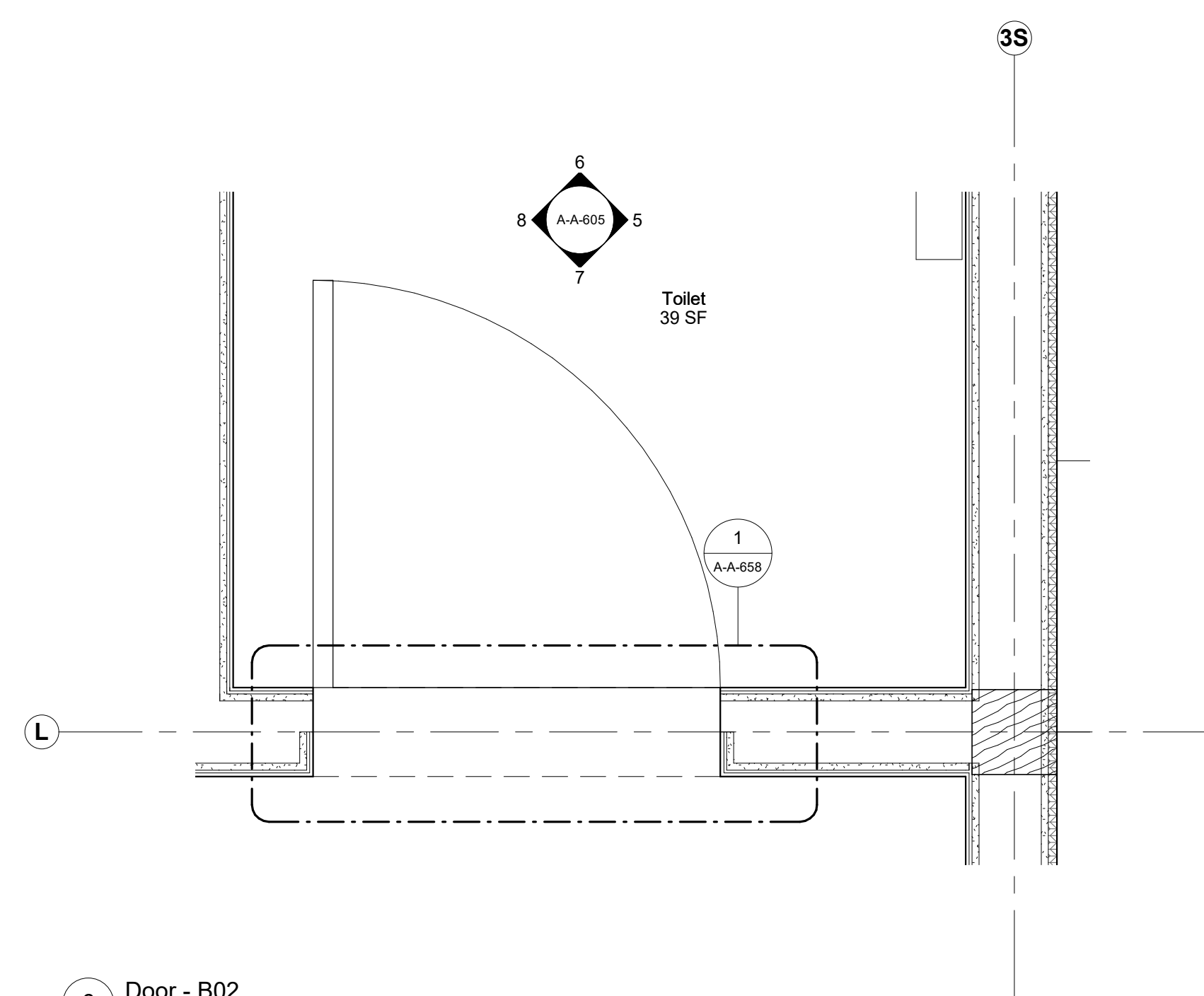


3 Door - B01
1" = 1'-0"



4 Door Elevation - B02
1" = 1'-0"

5 Door Section - B02
1" = 1'-0"



6 Door - B02
1" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

**Drawing Title
Interior Door Details**

Date 11/06/20

Scale 1" = 1'-0"

Drawing Number **A-A-651**

Sheet Size ARCH D

Keynote Legend	
Keynote	Description

Owner
 Storm King Art Center
 1 Museum Road
 New Windsor, NY, US 12553
 +1 (845) 534-3115

Design Architect
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 100 E. Broadway Street, #501
 New York, NY, US 1002
 +1 (212) 242-2220

Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

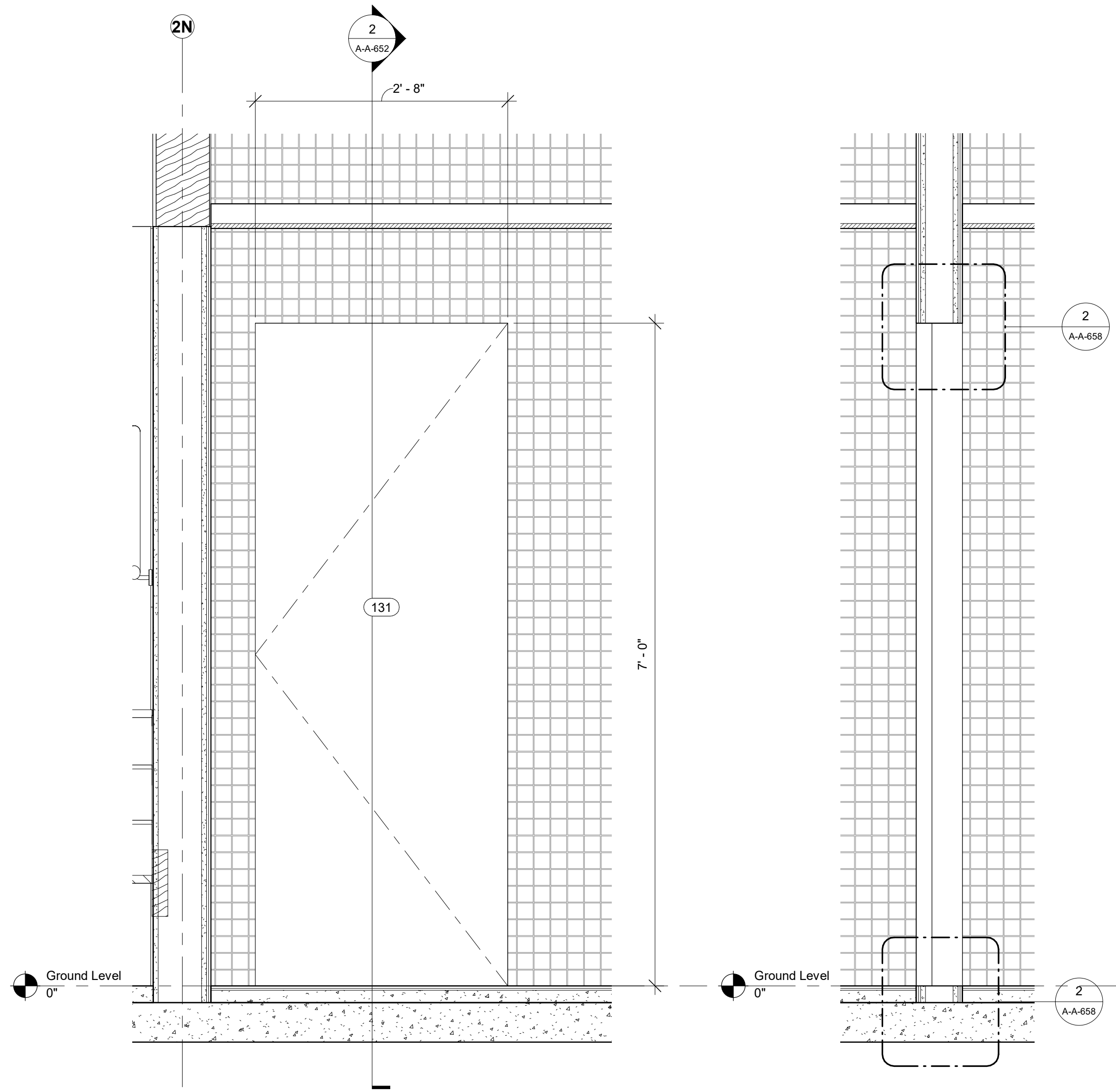
**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

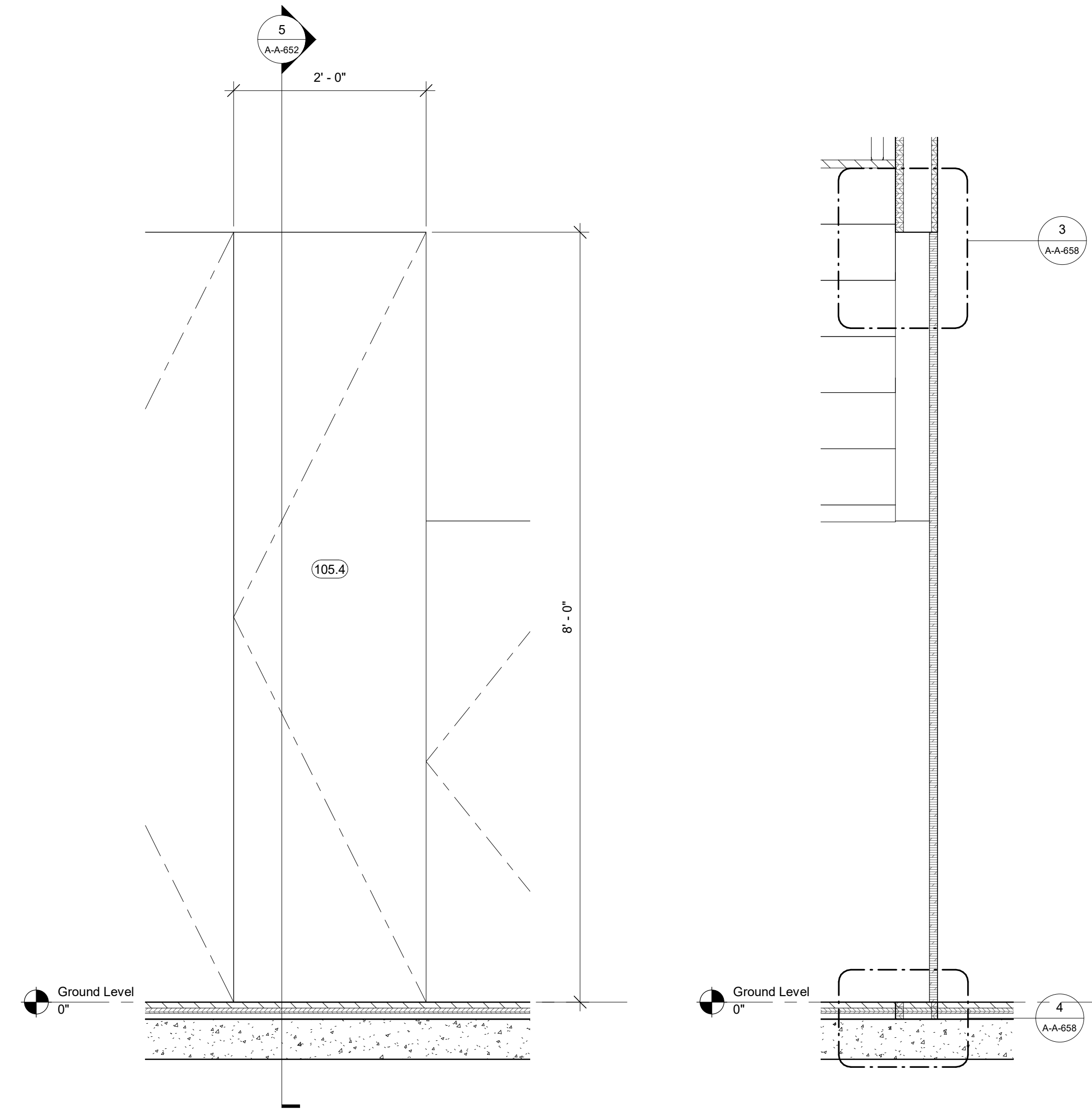
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 Interior Door Details

Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-652
Sheet Size	ARCH D



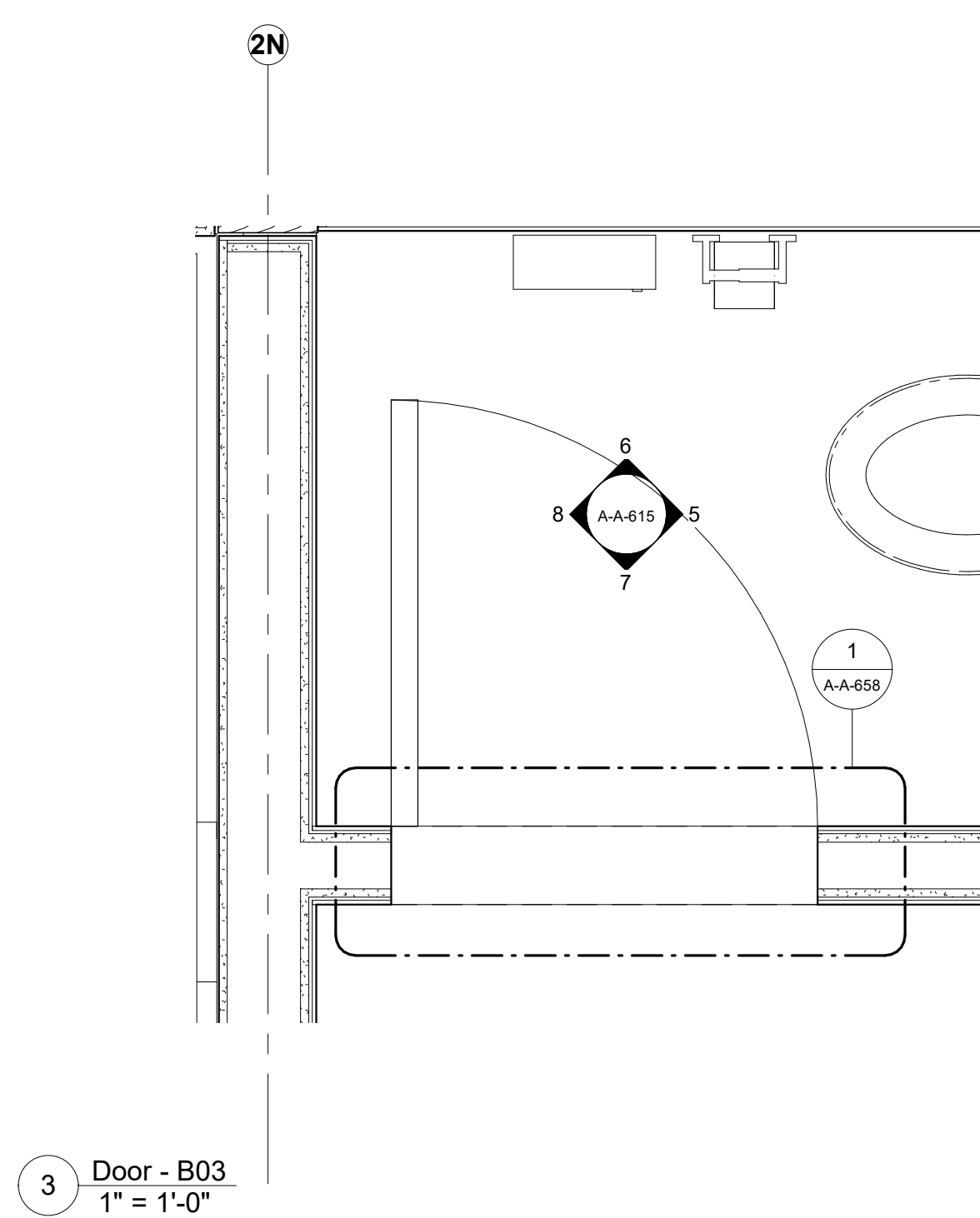
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2 Door Section - B03
 1" = 1'-0"

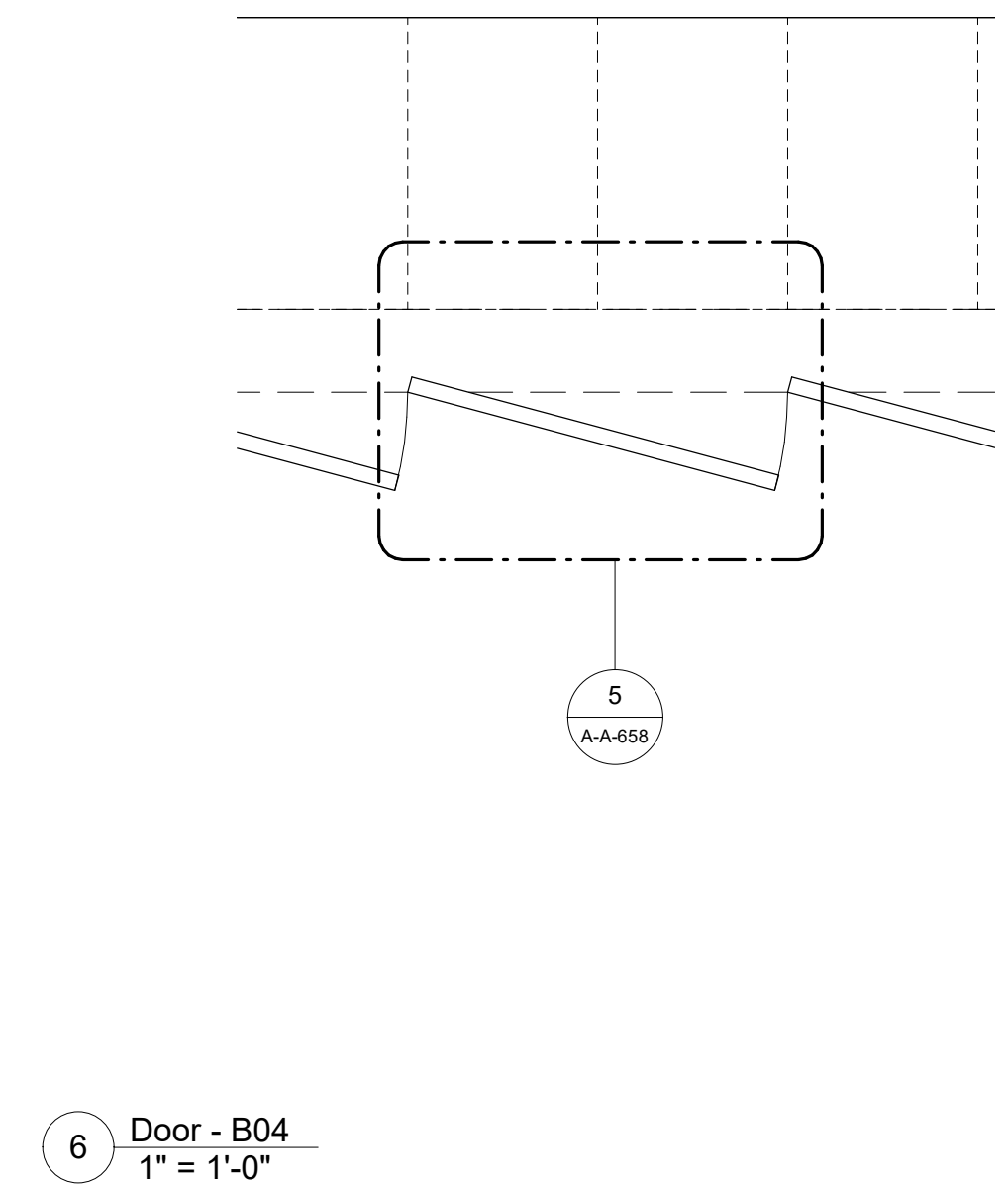


4 Door Elevation - B04
 1" = 1'-0"

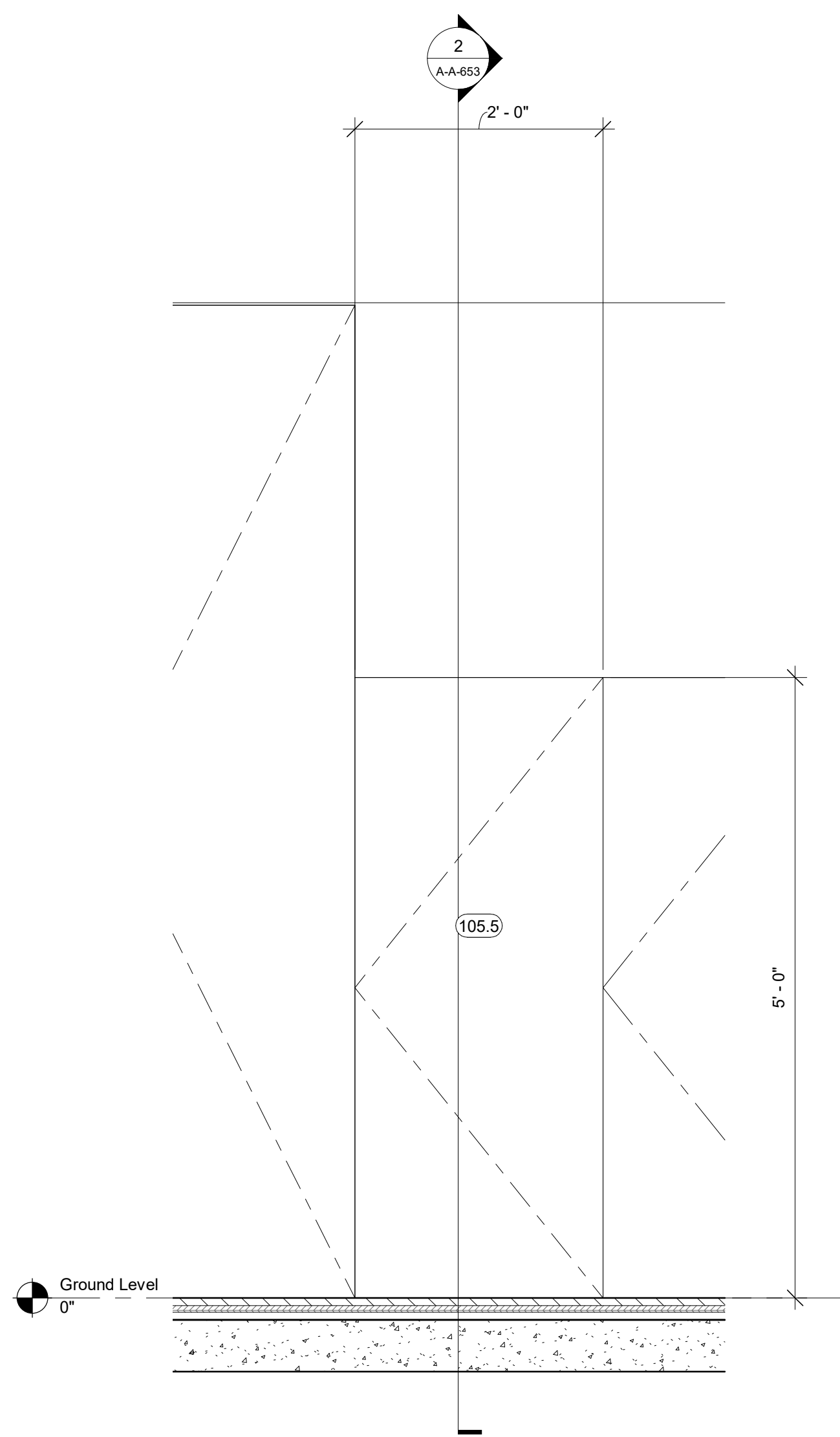
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 1" = 1'-0"



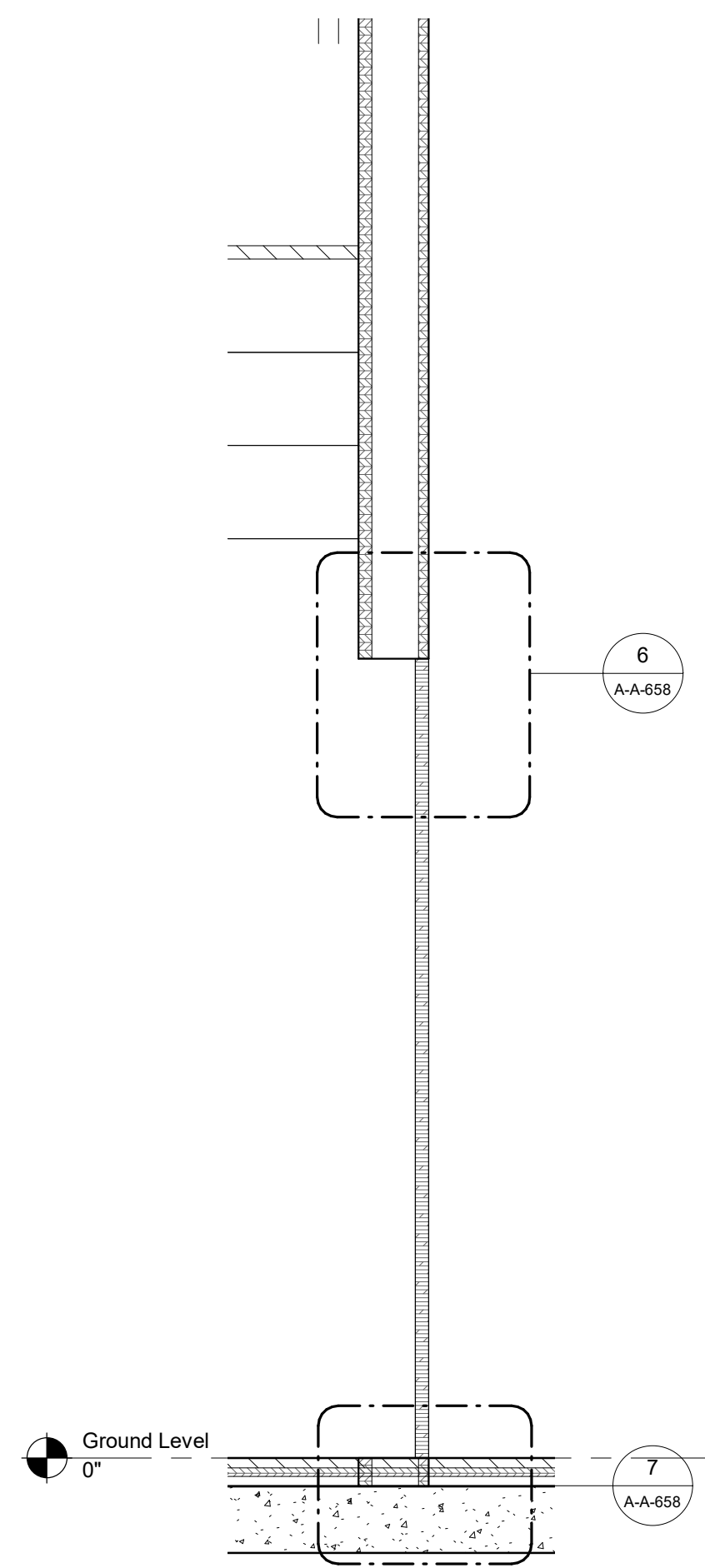
3 Door - B03
 1" = 1'-0"



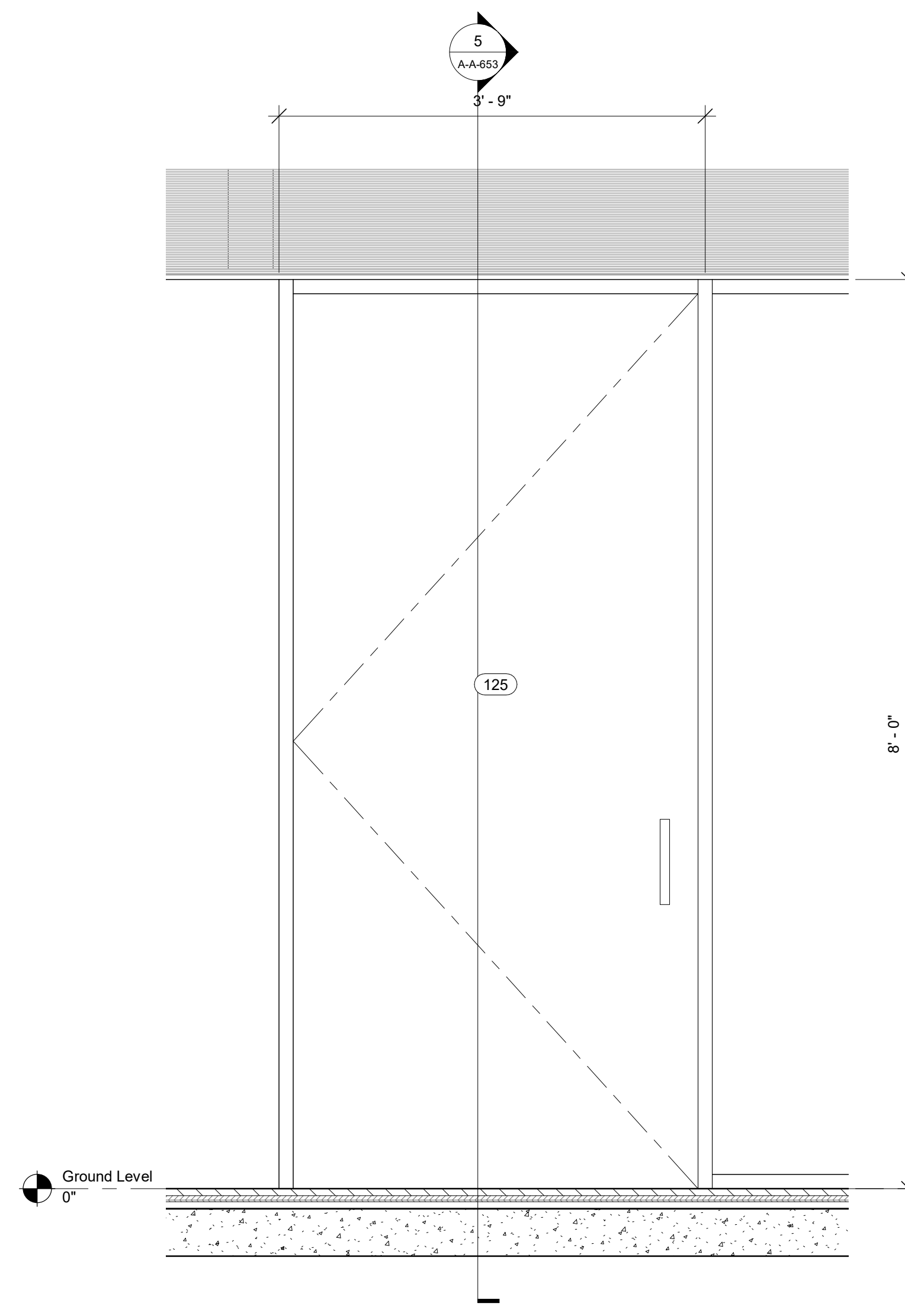
6 Door - B04
 1" = 1'-0"



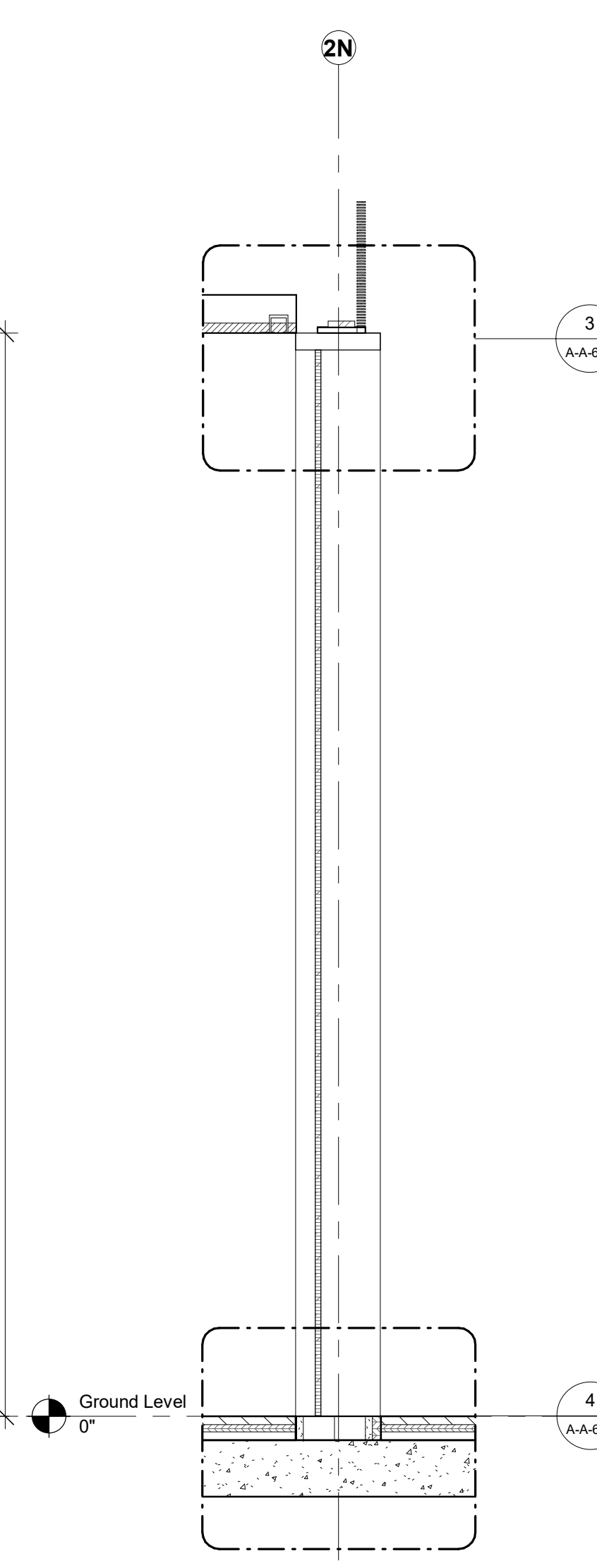
1 Door Elevation - B05
1" = 1'-0"



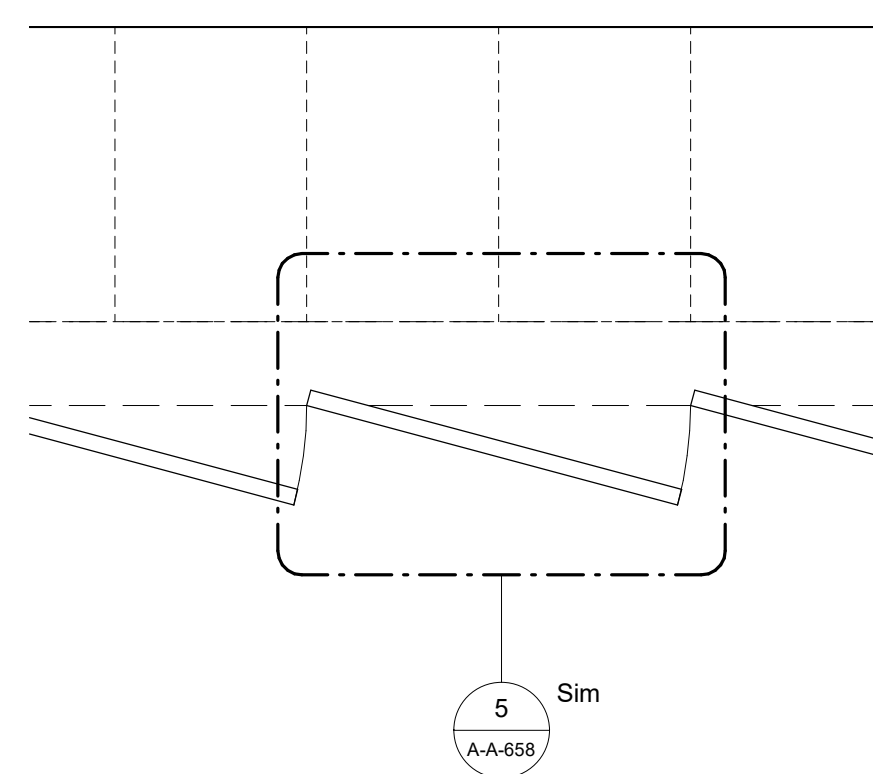
2 Door Section - B05
1" = 1'-0"



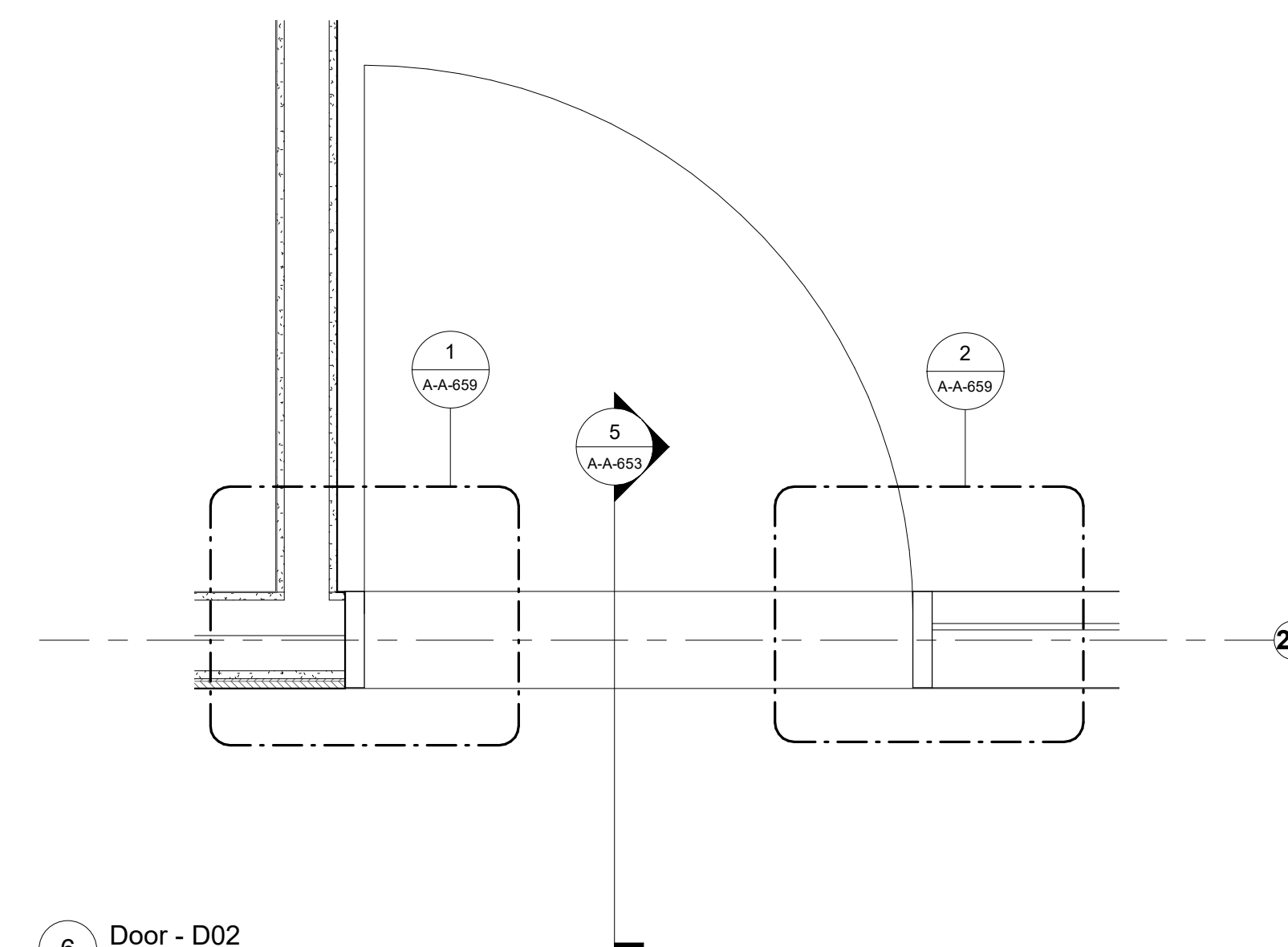
4 Door Elevation - D02
1" = 1'-0"



5 Door Section - D02
1" = 1'-0"



3 Door - B05
1" = 1'-0"



6 Door - D02
1" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
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+1 (845) 534-3115

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+1 (617) 923-2422

Structural & Lighting
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77 Water Street
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+1 (212) 896-3000

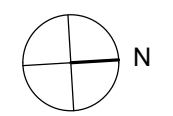
MEPF & IT
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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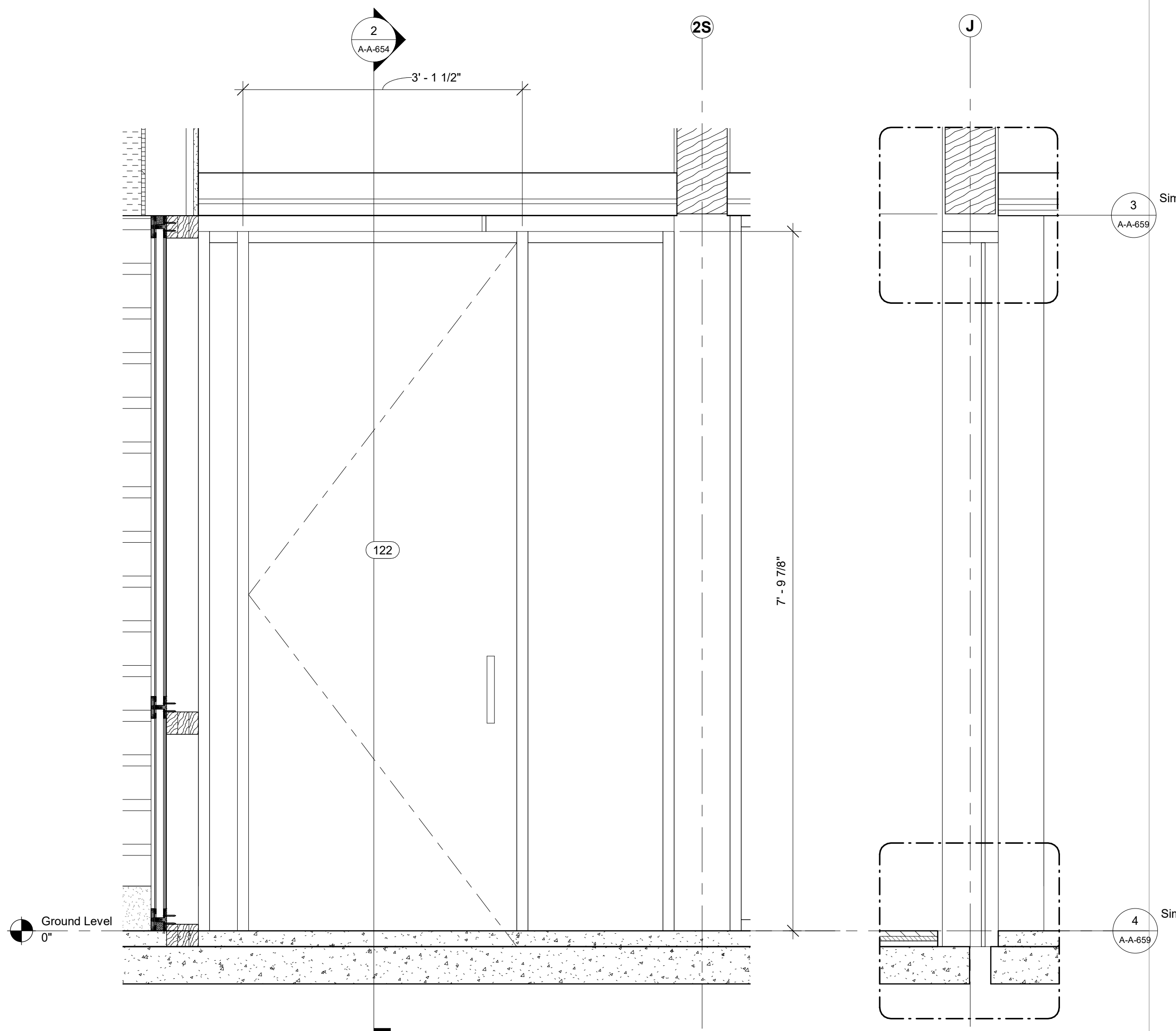
Drawing Title
Interior Door Details

Date 11/06/20

Scale 1" = 1'-0"

Drawing Number **A-A-653**

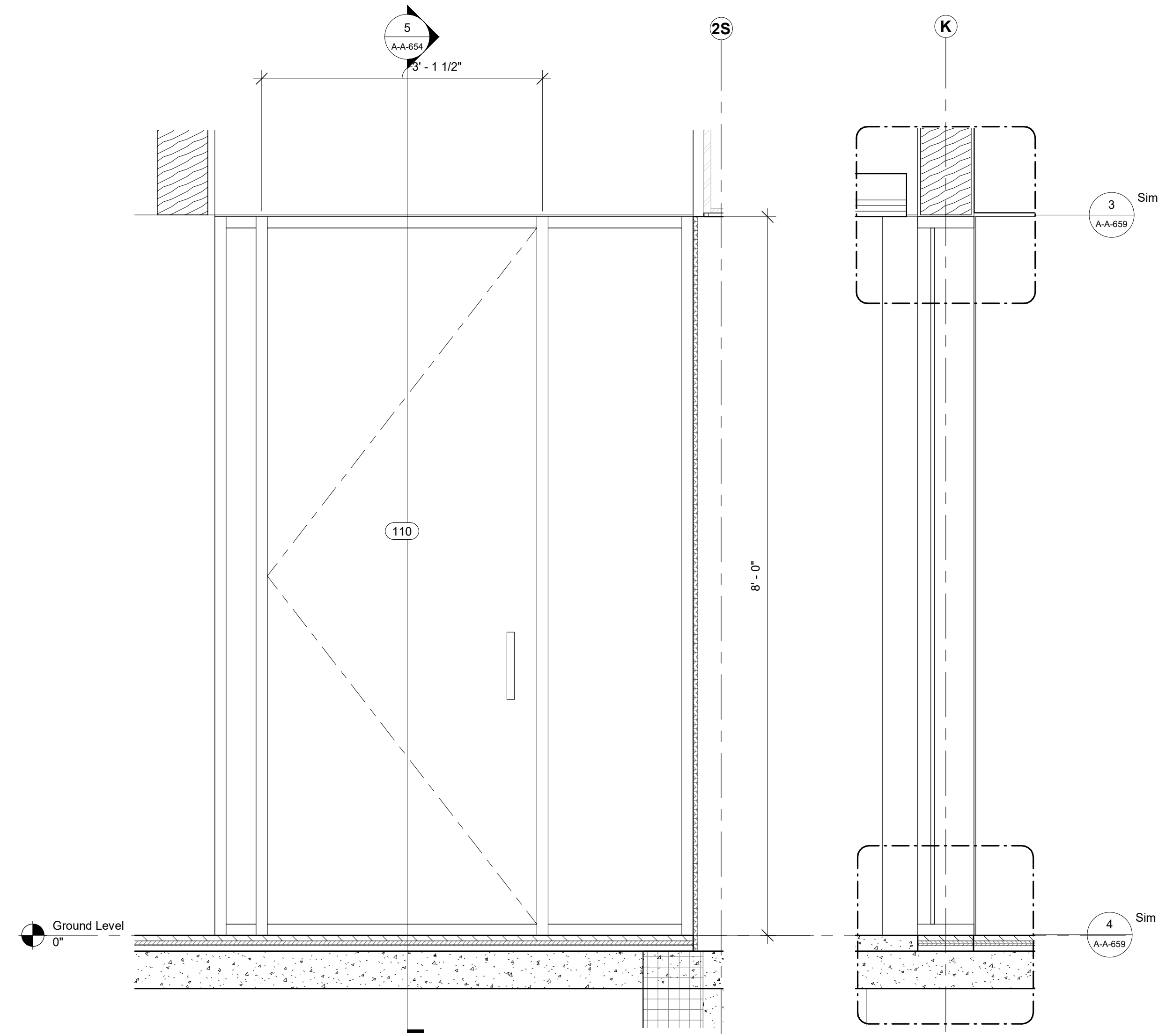
Sheet Size ARCH D



1 Door Elevation - D03
1" = 1'-0"

2 Door Section - D03
1" = 1'-0"

3 Door - D03
1" = 1'-0"



4 Door Elevation - D04
1" = 1'-0"

5 Door Section - D04
1" = 1'-0"

6 Door - D04
1" = 1'-0"

Keynote Legend	
Keynote	Description

Owner
Storm King Art Center
1 Museum Road
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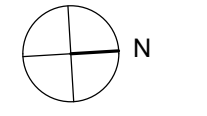
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Key Plan



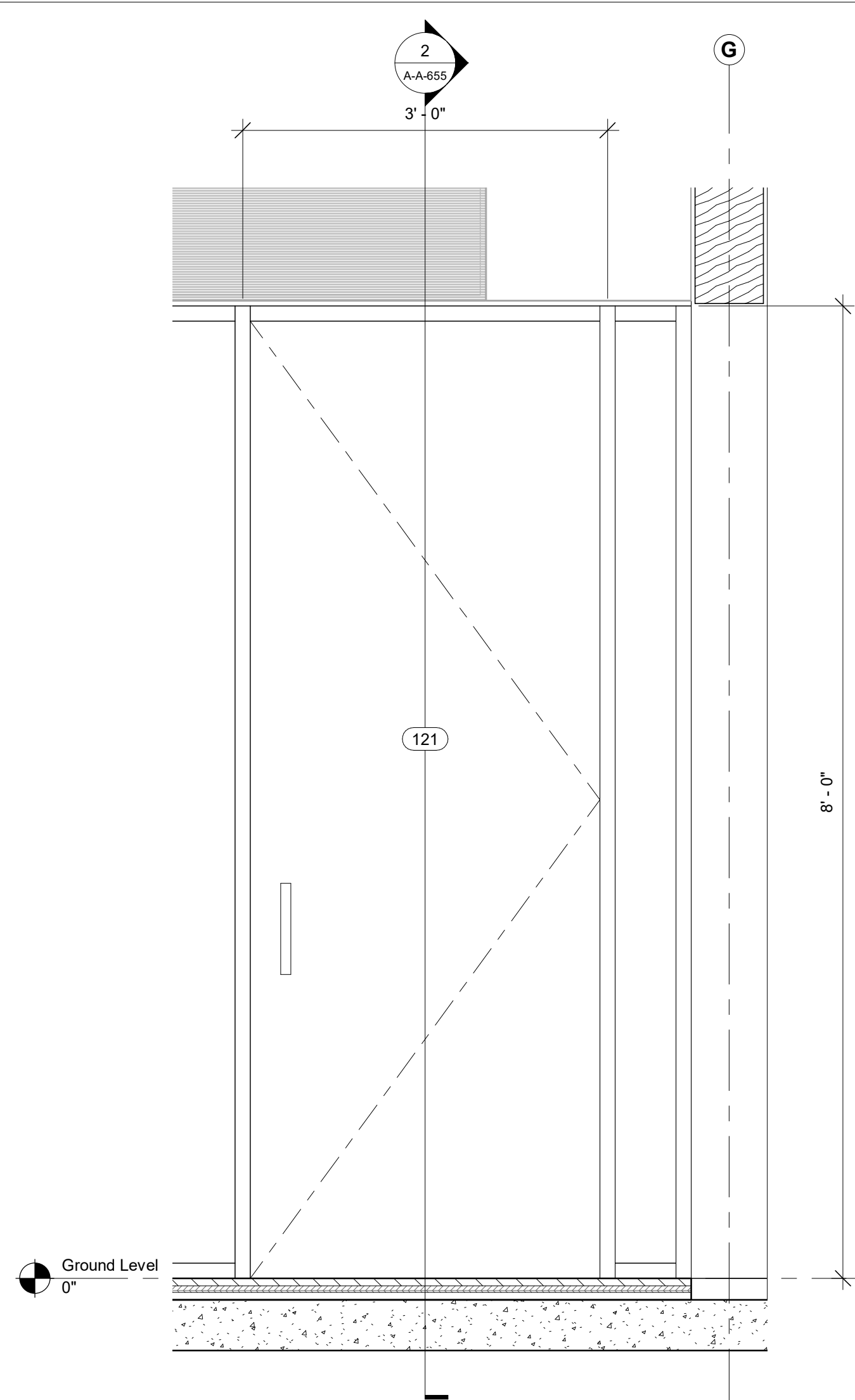
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

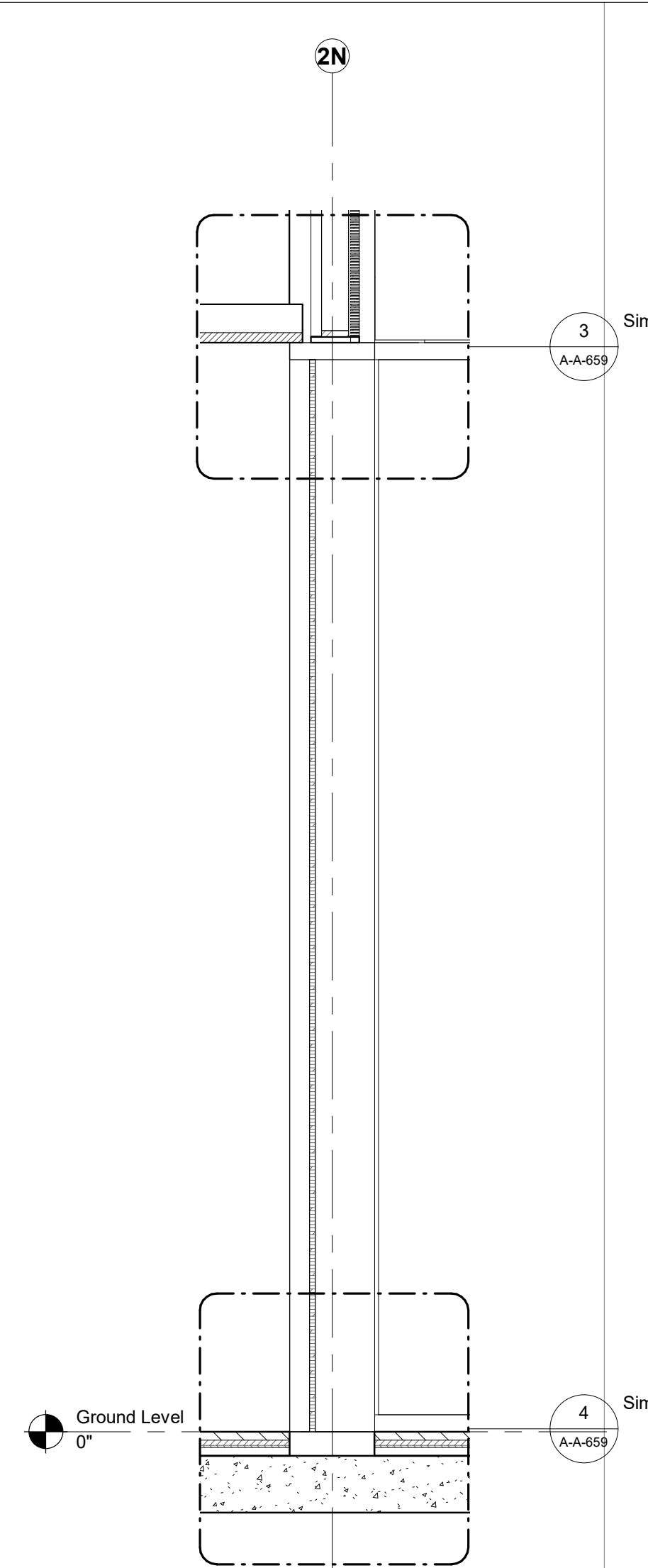
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NOT FOR CONSTRUCTION
Drawing Title
Interior Door Details

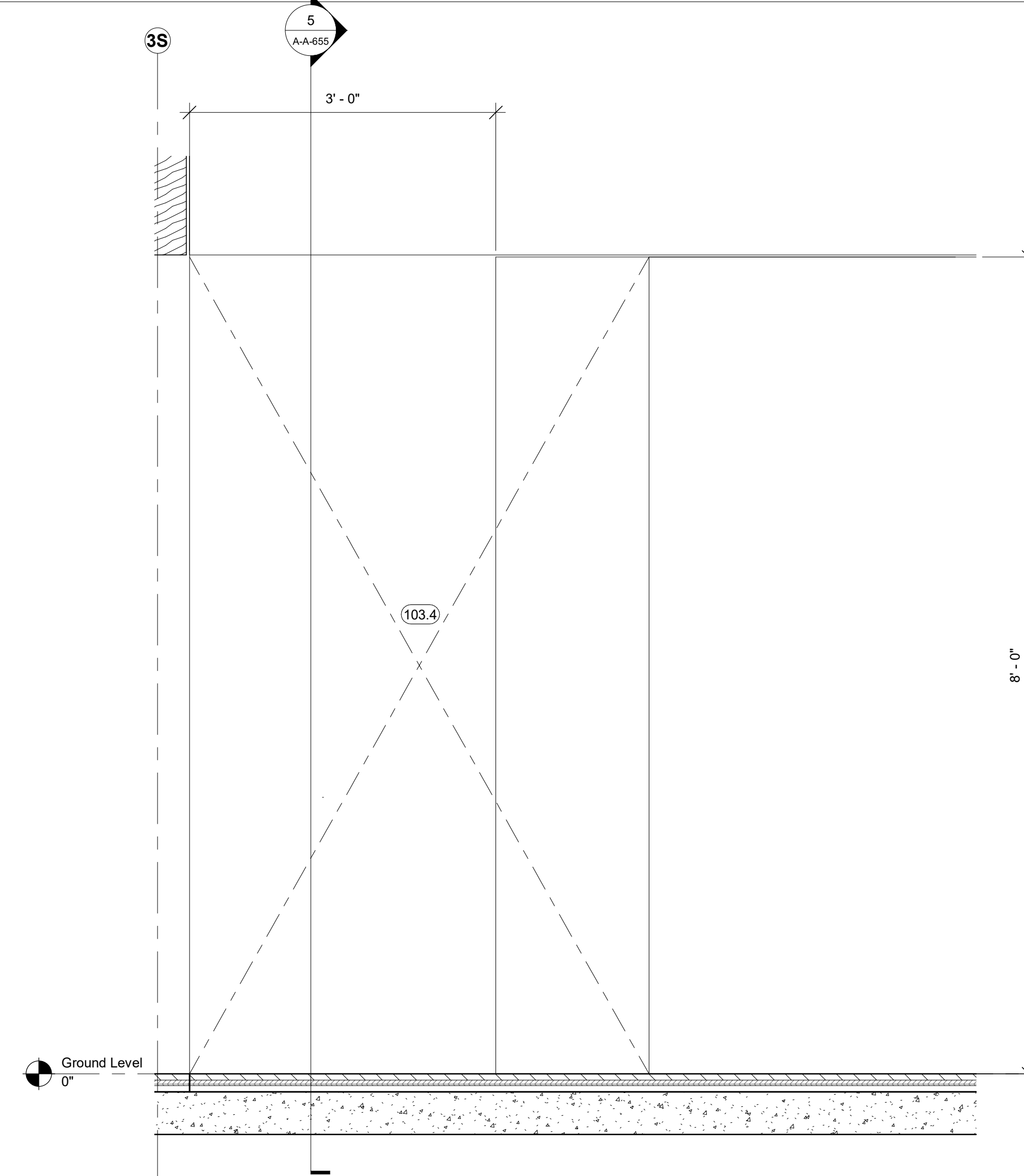
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Drawing Number	A-A-654
Sheet Size	ARCH D



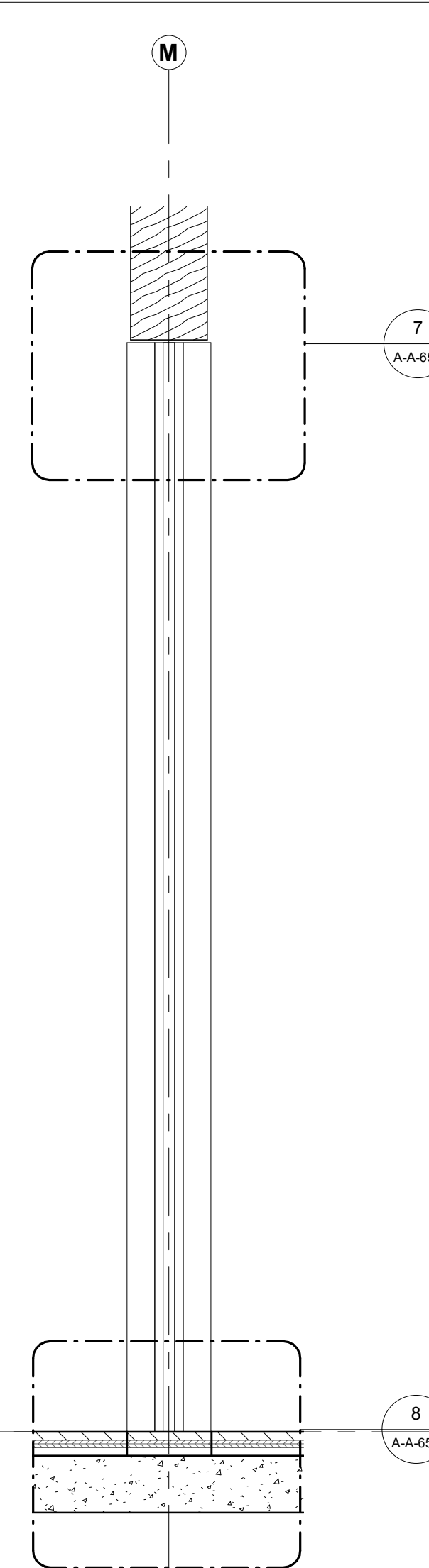
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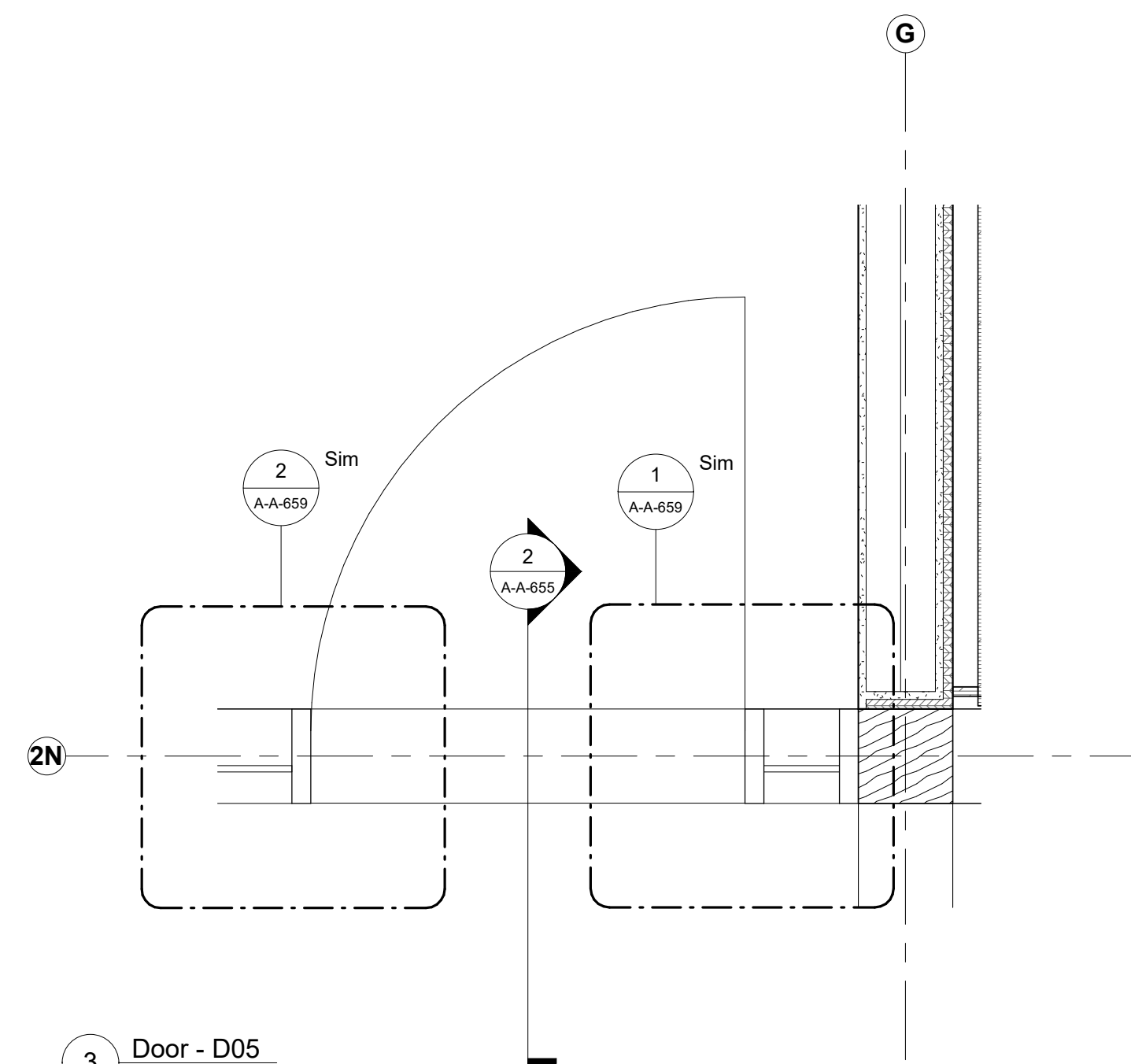
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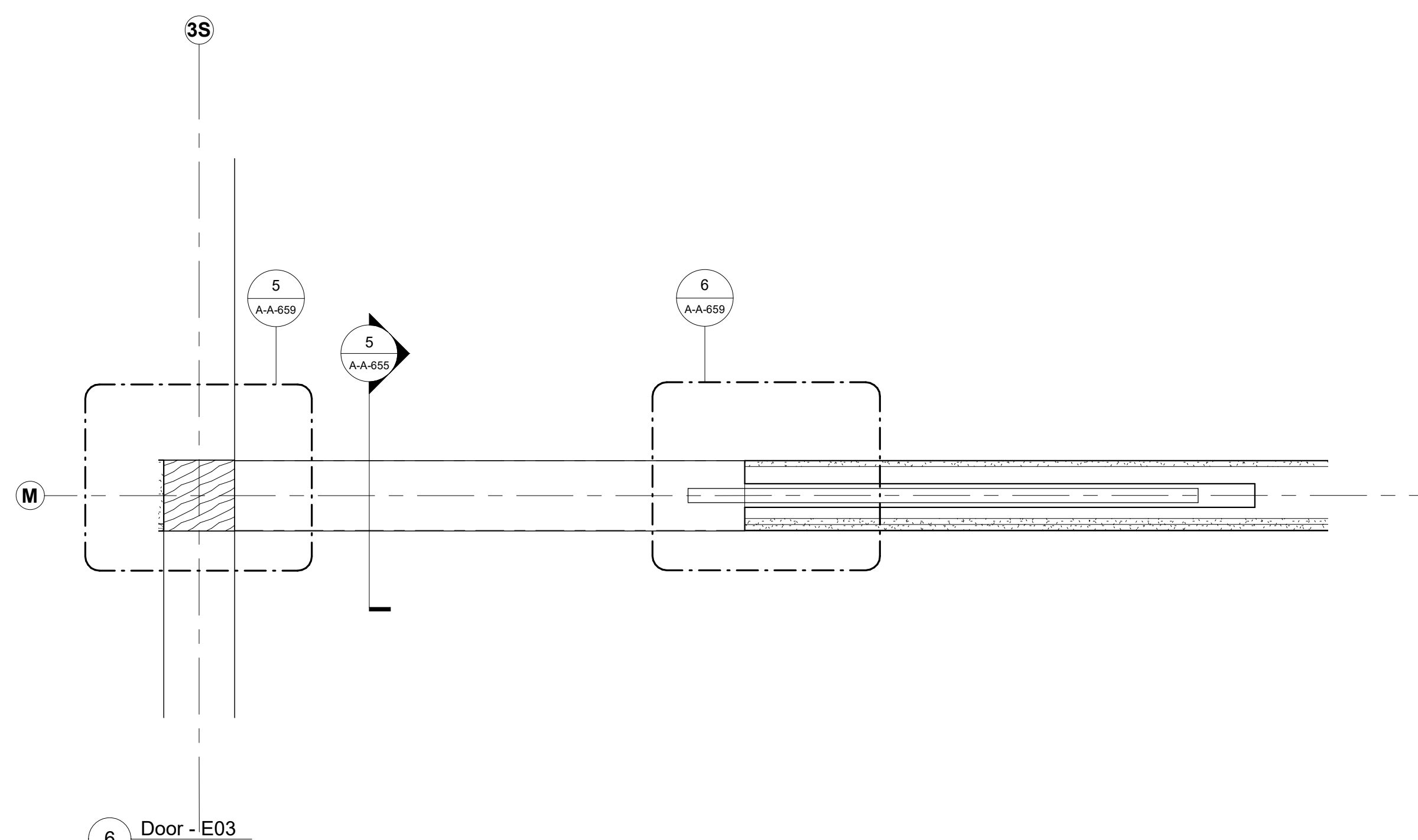
4 Door Elevation - E03
1" = 1'-0"



5 Door Section - E03
1" = 1'-0"



3 Door - D05
1" = 1'-0"



6 Door - E03
1" = 1'-0"

Keynote Legend

Keynote	Description
---------	-------------

Owner
Storm King Art Center
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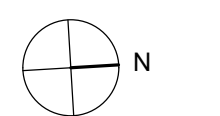
MEPF & IT
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Interior Door Details

Date 11/06/20

Scale 1" = 1'-0"

Drawing Number **A-A-655**

Sheet Size ARCH D

Keynote Legend	
Keynote	Description

- Owner**
Storm King Art Center
1 Museum Road
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+1 (845) 534-3115
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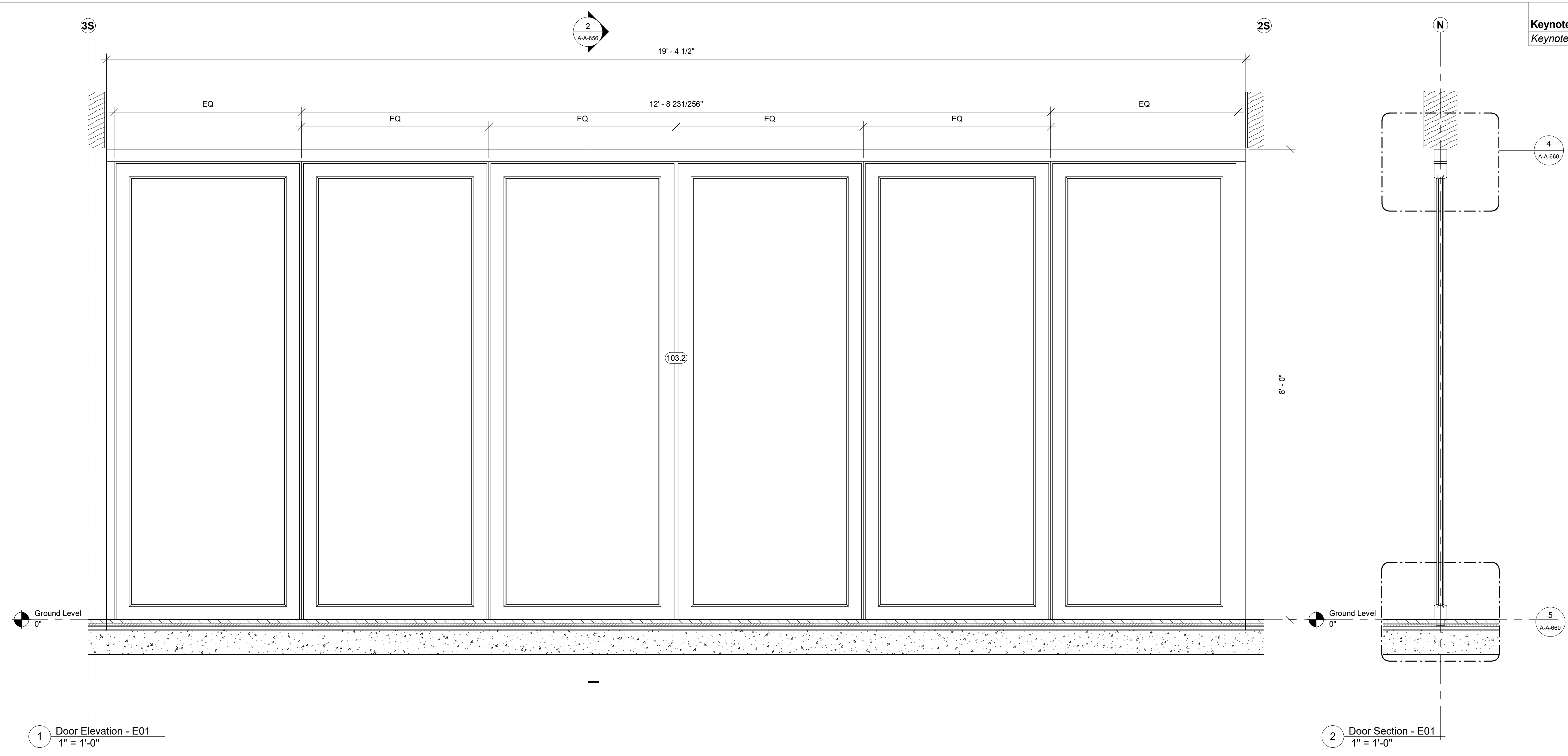
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Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

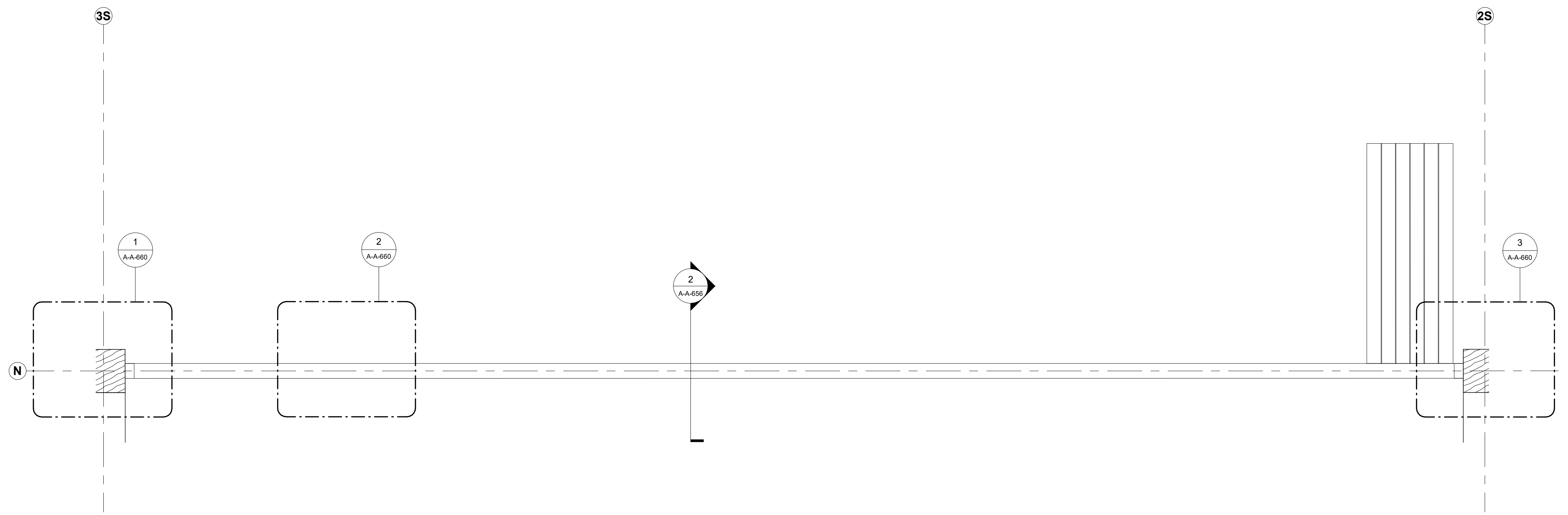
NOT FOR CONSTRUCTION
Drawing Title
Interior Door Details

Date	11/06/20
Scale	1" = 1'-0"
Drawing Number	A-A-656
Sheet Size	ARCH D



1 Door Elevation - E01
1" = 1'-0"

2 Door Section - E01
1" = 1'-0"




3 Door - E01
1" = 1'-0"

Keynote Legend	
Keynote	Description

- Owner**
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
+1 (845) 534-3115
- Design Architect**
heneghan peng architects
14-16 Lord Edward Street
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- Executive Architect**
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- Landscape Architect**
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+44 020 7284 8950
- Reed Hilderbrand LLC**
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+1 (617) 923-2422
- Structural & Lighting**
ARUP
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+1 (212) 896-3000
- MEPF & IT**
BuroHappold
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- Civil**
VHB
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- AV & Acoustics**
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- Facade**
Front Inc.
100 E. Broadway Street, #501
New York, NY, US 1002
+1 (212) 242-2220

Key Plan

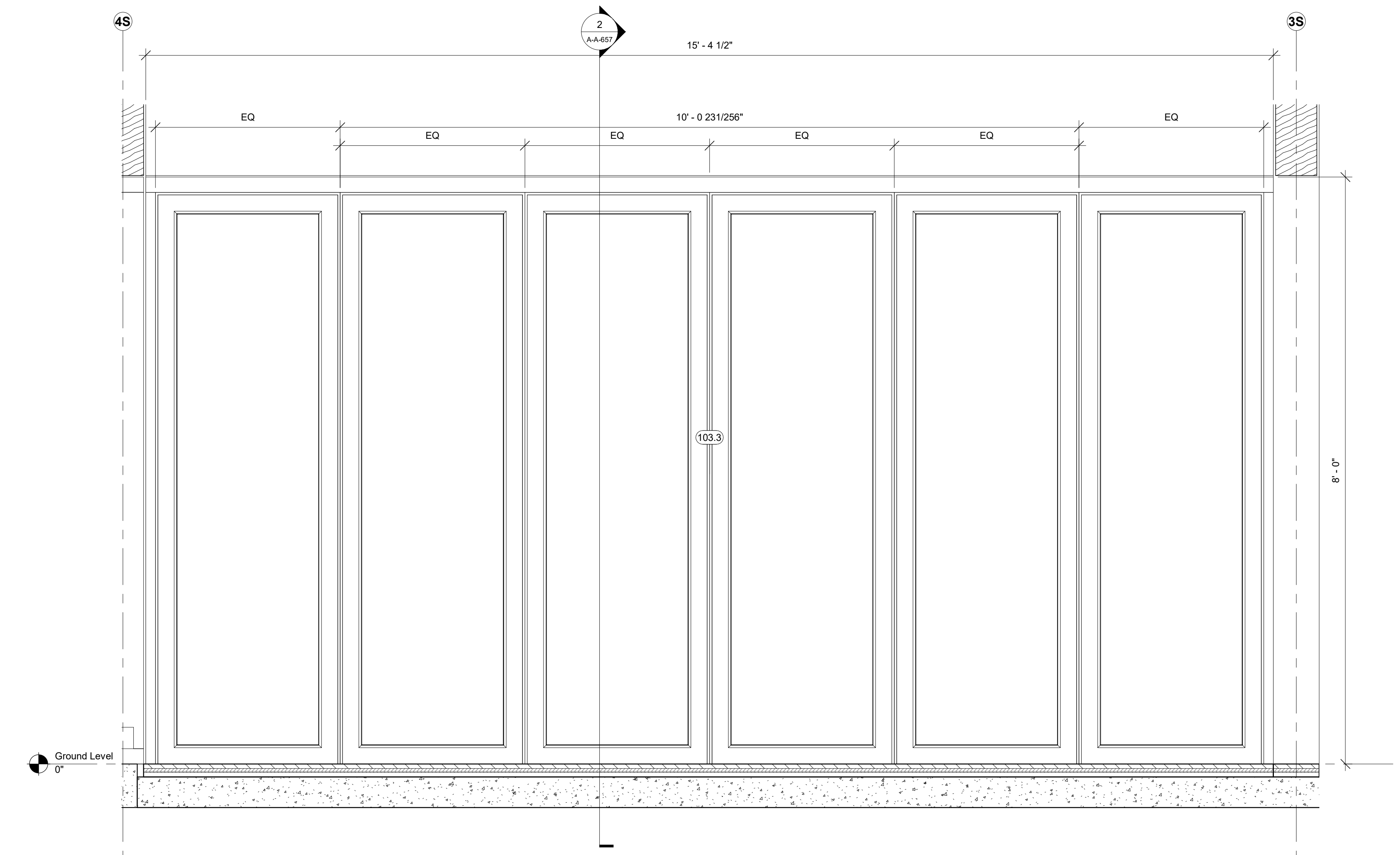
	
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

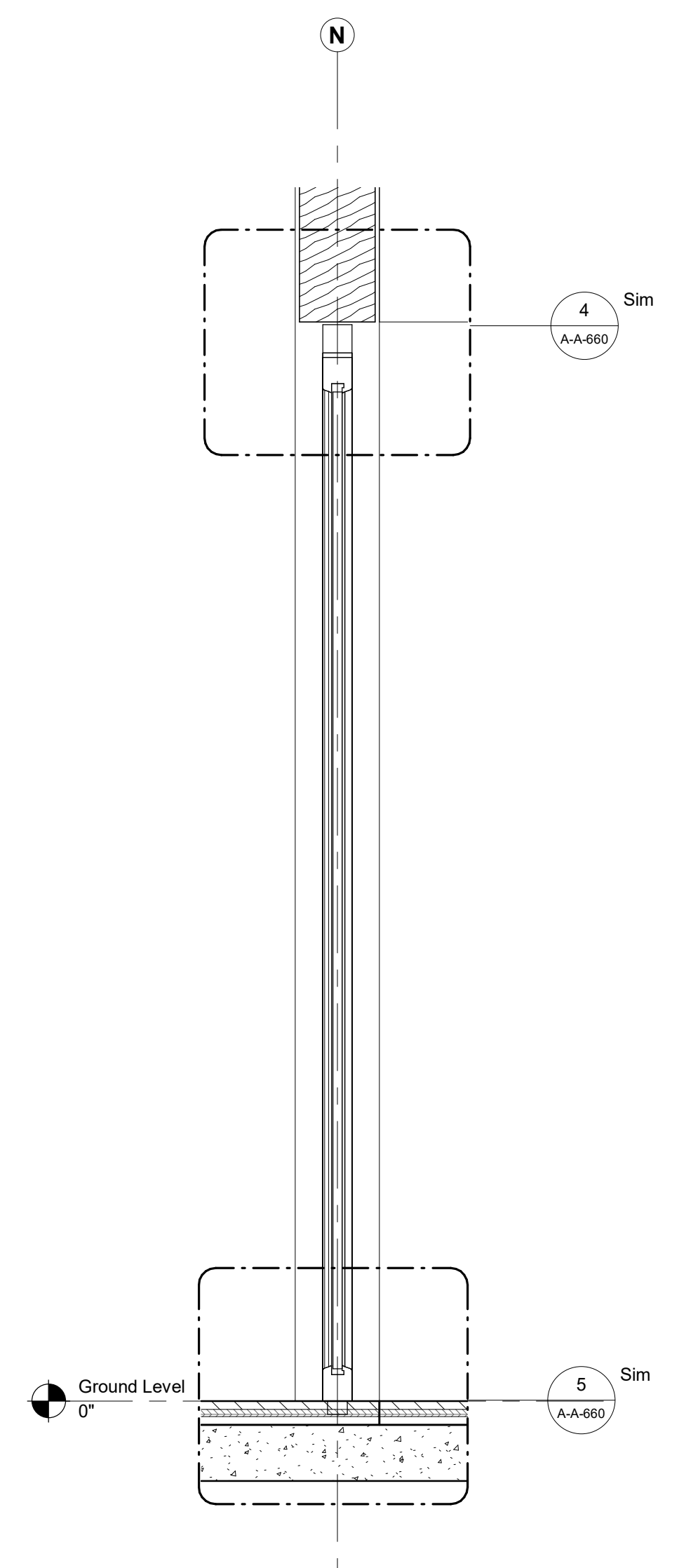
Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Door Details

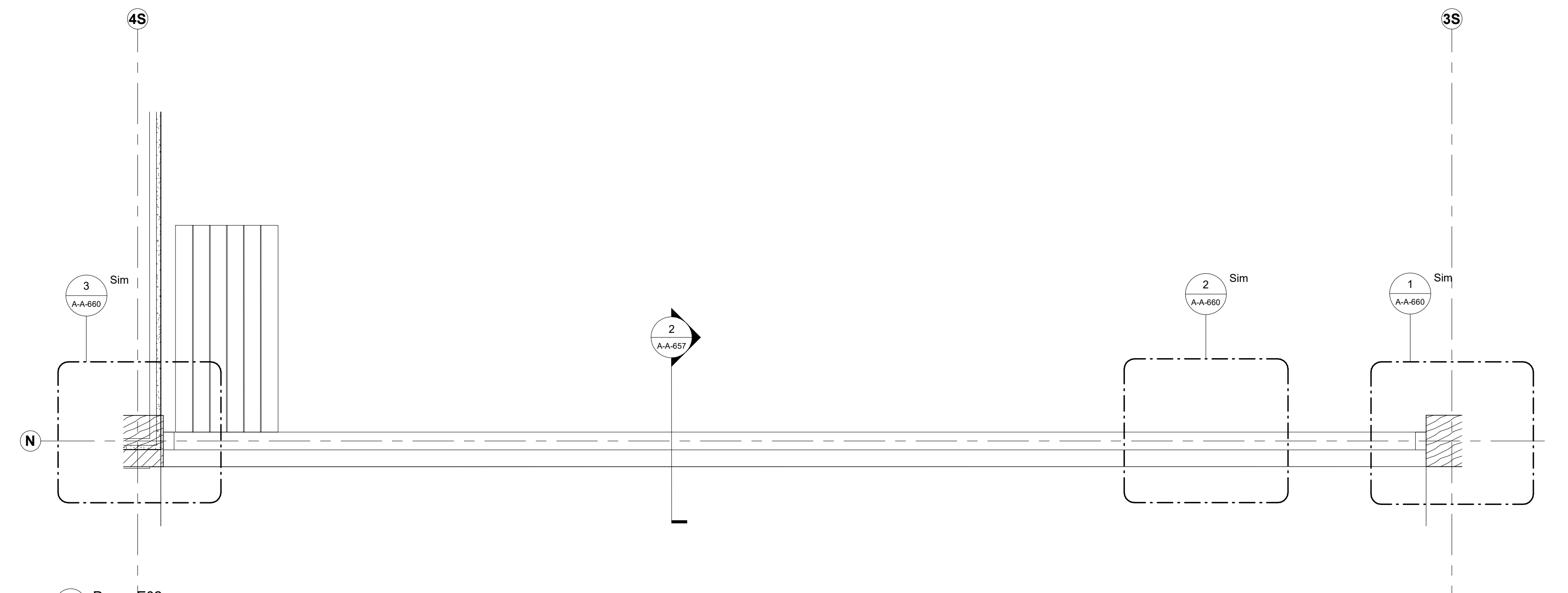
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Scale	1" = 1'-0"
Drawing Number	A-A-657
Sheet Size	ARCH D



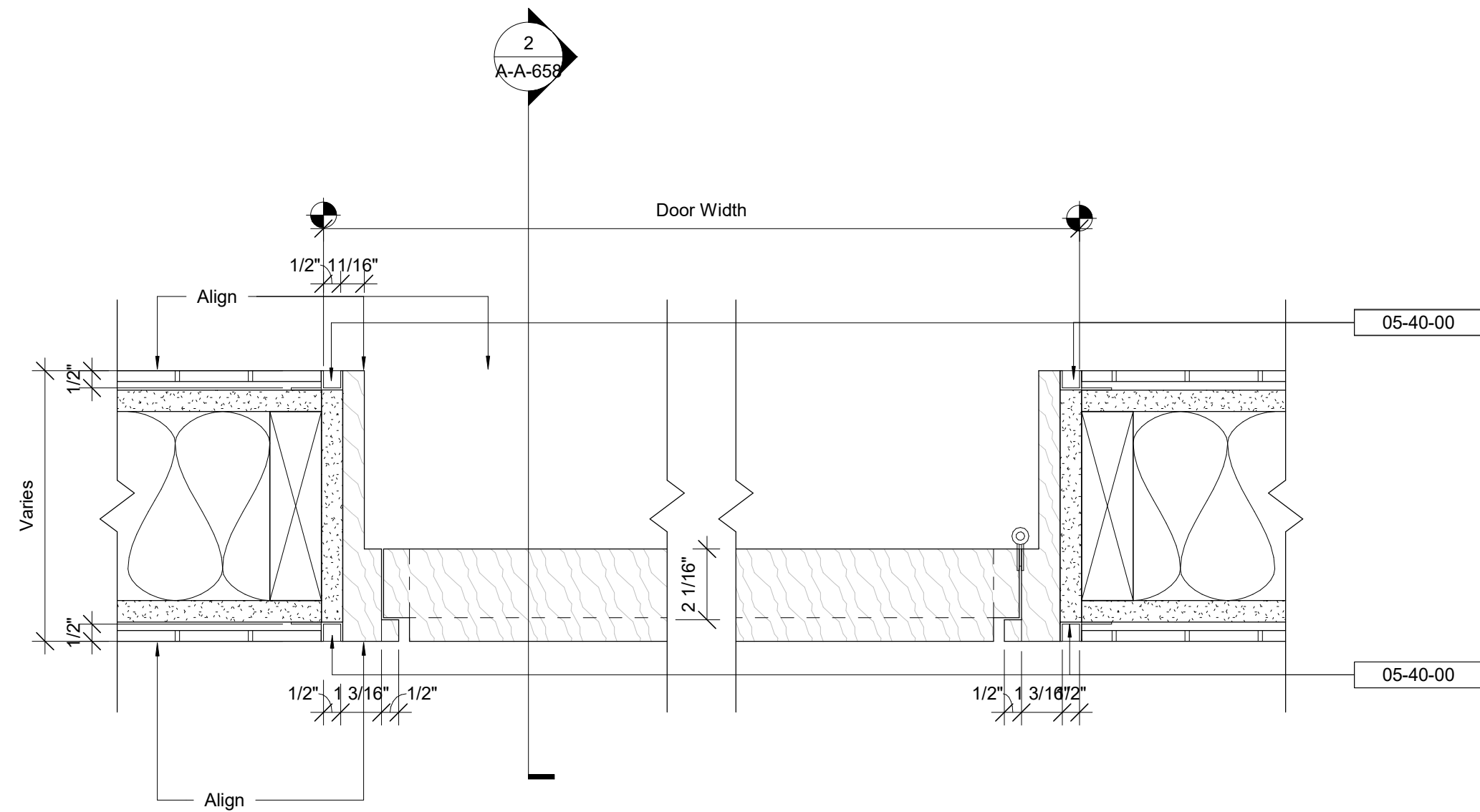
1 Door Elevation - E02
1" = 1'-0"



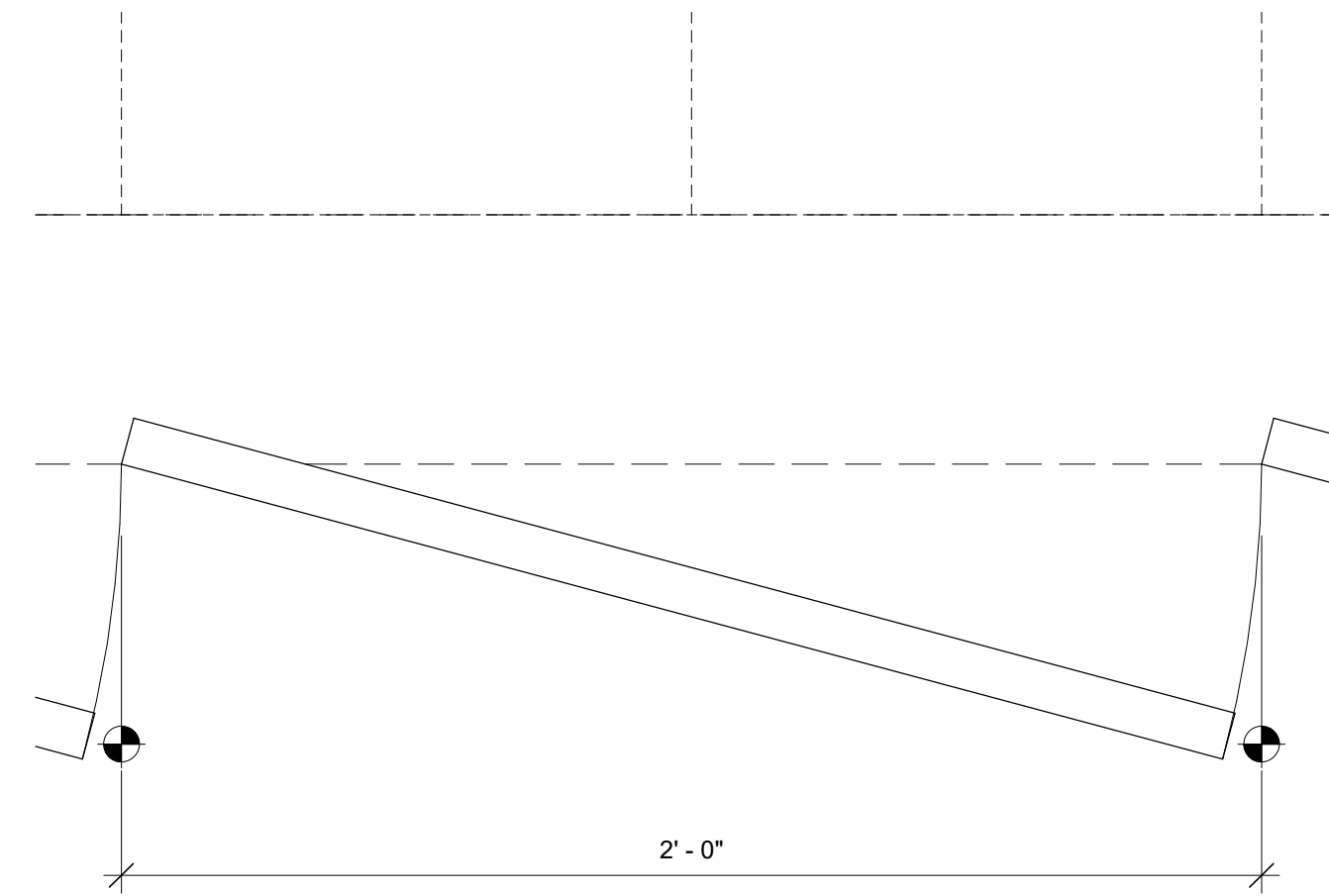
2 Door Section - E02
1" = 1'-0"



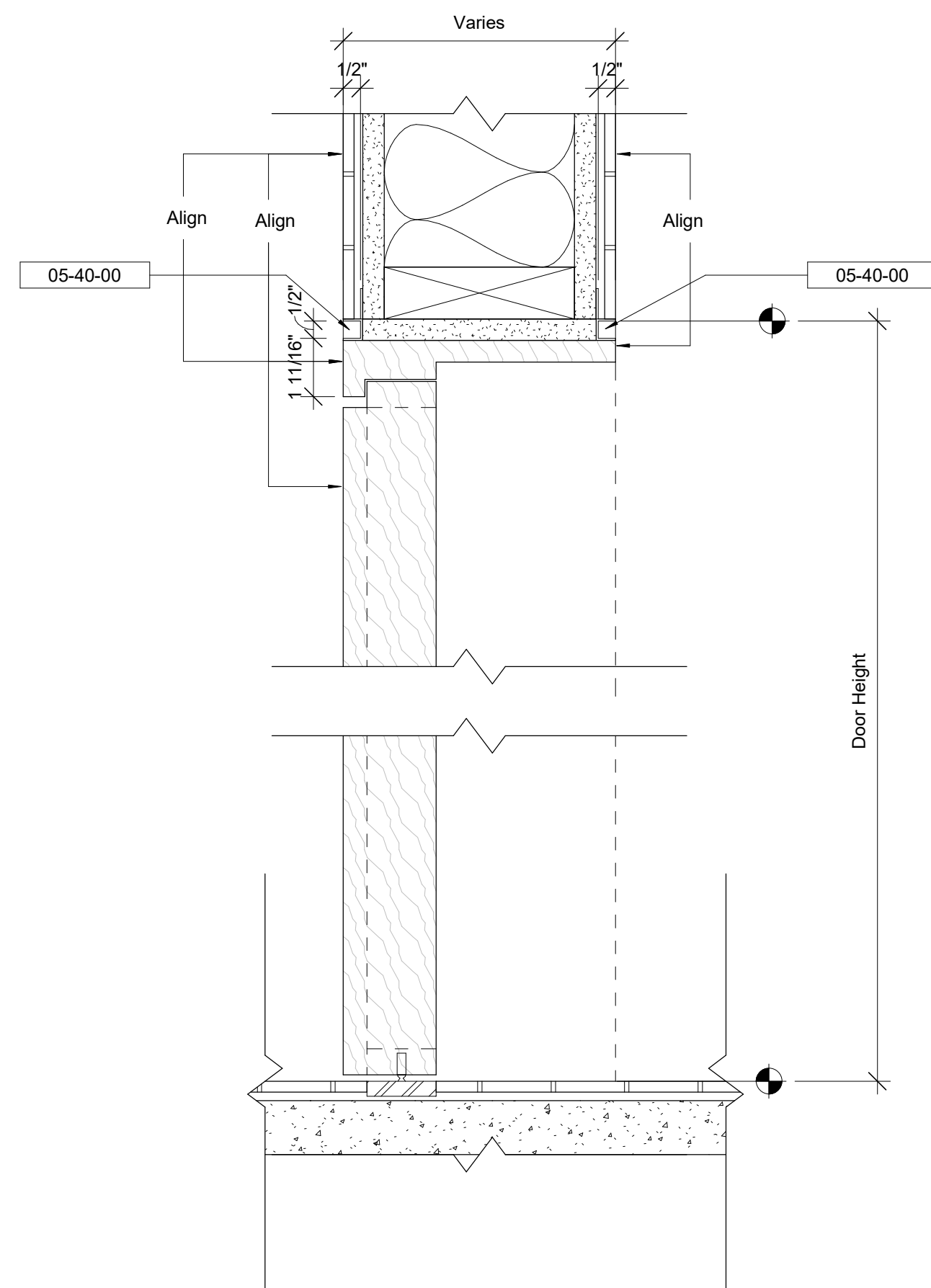
3 Door - E02
1" = 1'-0"



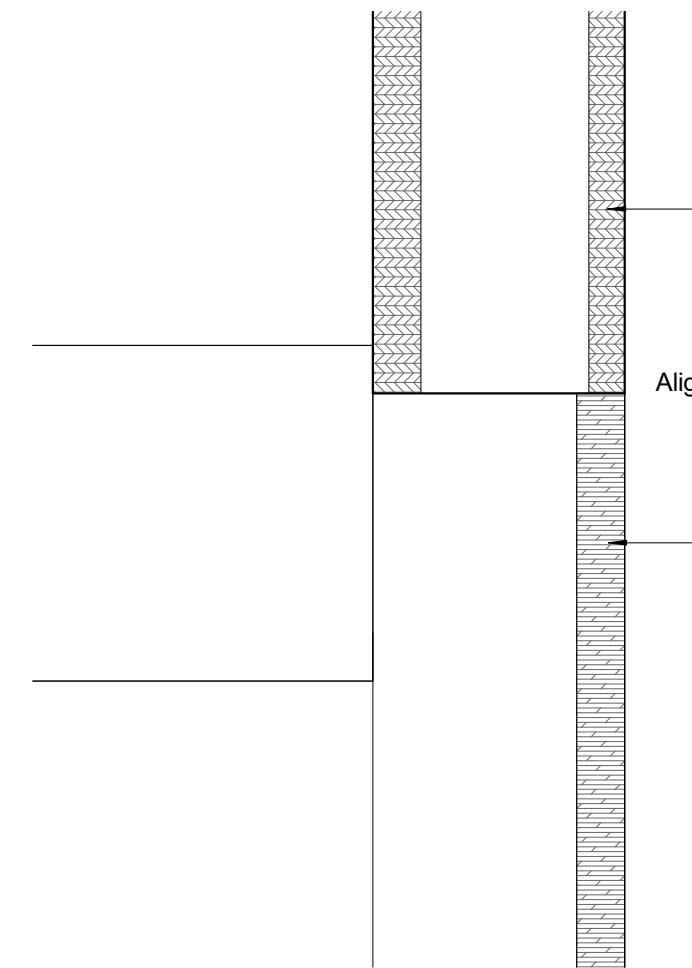
1 Jamb Detail - B01-03
3" = 1'-0"



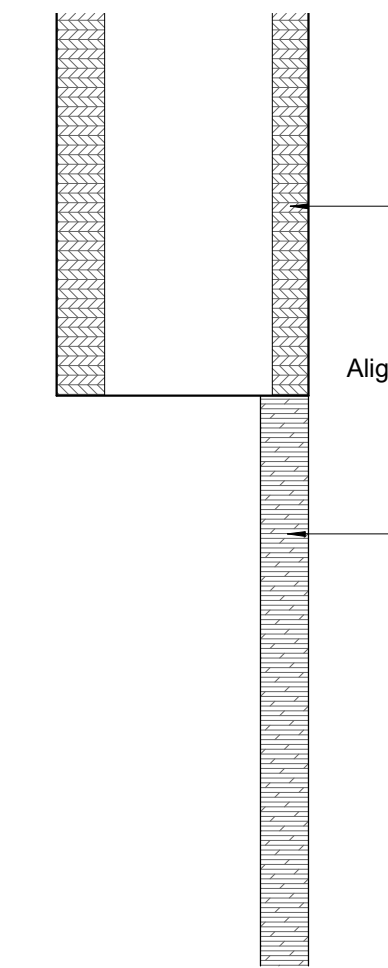
5 Jamb Detail - B04 & B05
3" = 1'-0"



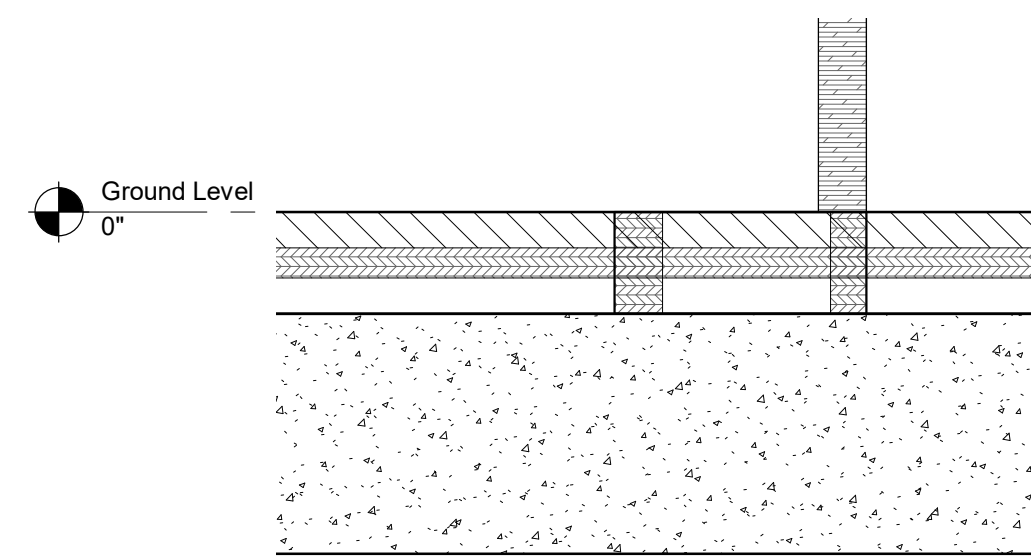
2 Head & Base Detail - B01-03
3" = 1'-0"



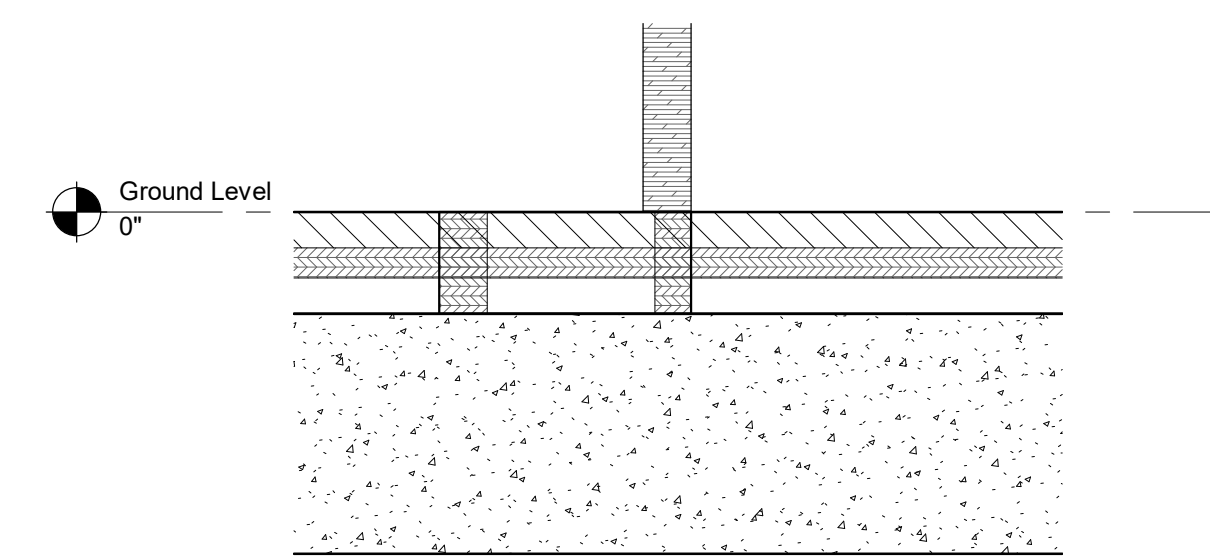
3 Door Head Detail - B04
3" = 1'-0"



6 Door Head Detail - B05
3" = 1'-0"



4 Door Base Detail - B04
3" = 1'-0"



7 Door Base Detail - B05
3" = 1'-0"

Keynote Legend	
Keynote	Description
05-40-00	Cold-Formed Metal Framing

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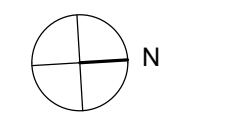
MEPF & IT
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100 Great Oaks Blvd., Suite 118
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

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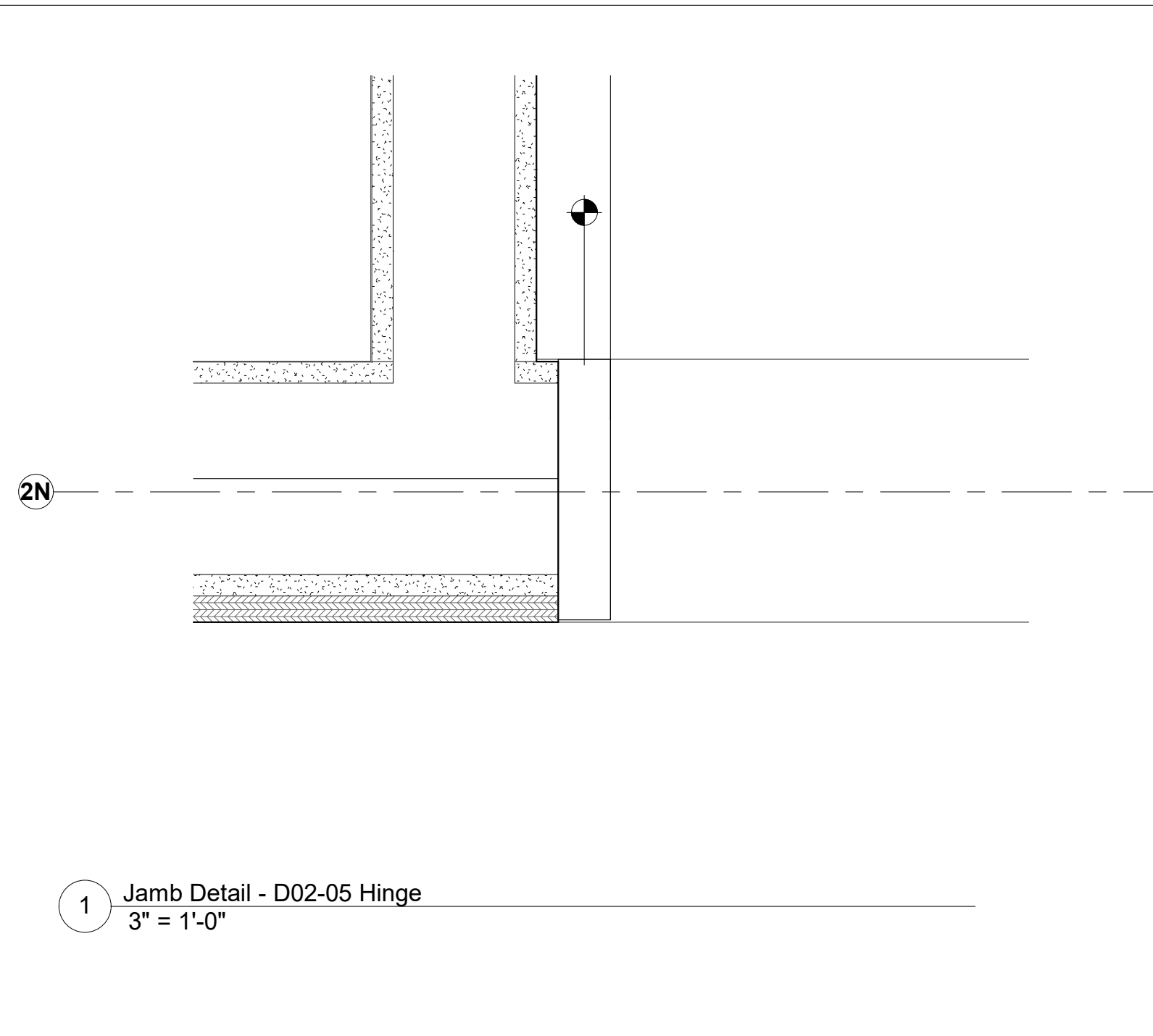
Drawing Title
**Interior Door Jamb
Details**

Date 11/06/20

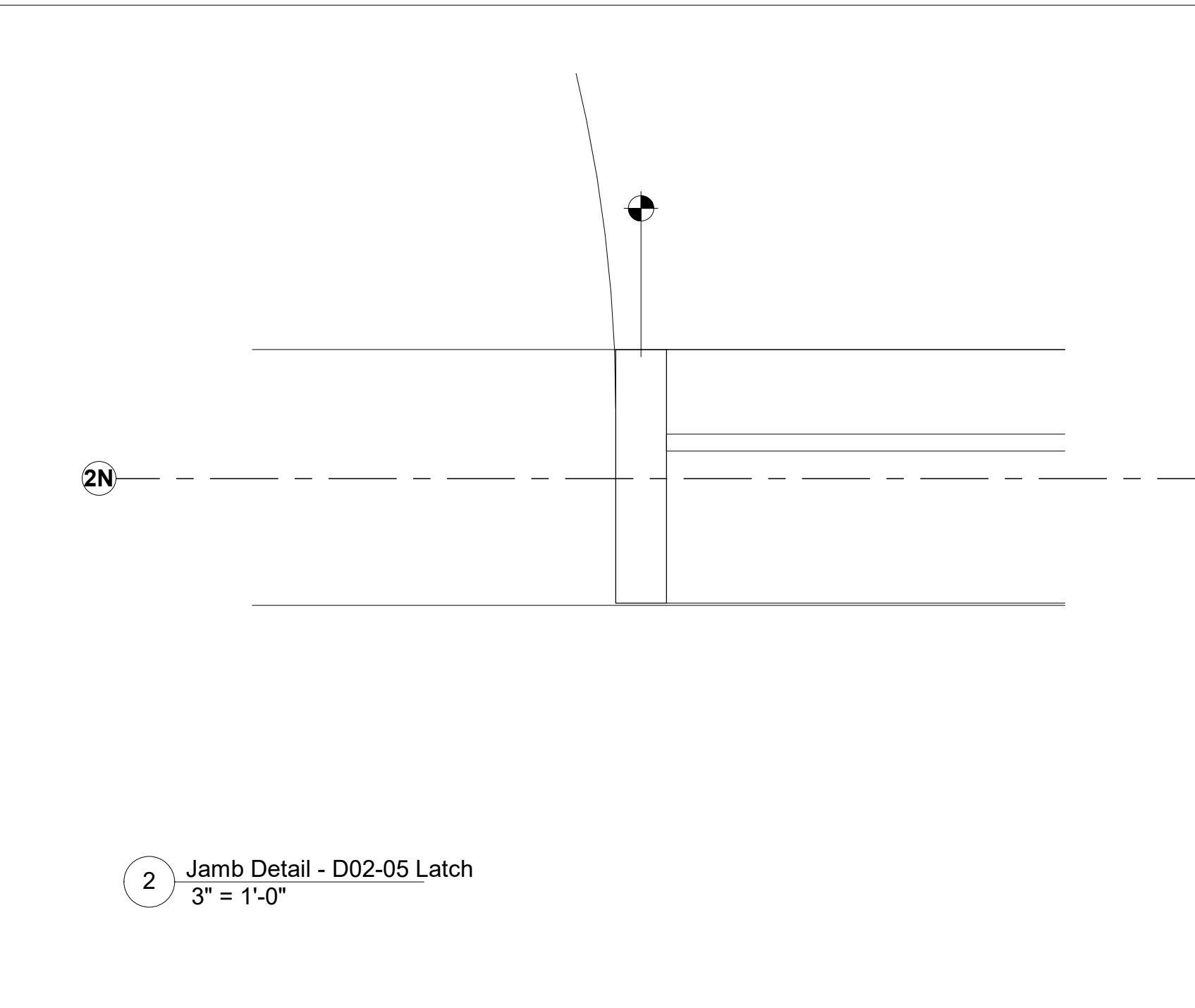
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Drawing Number **A-A-658**

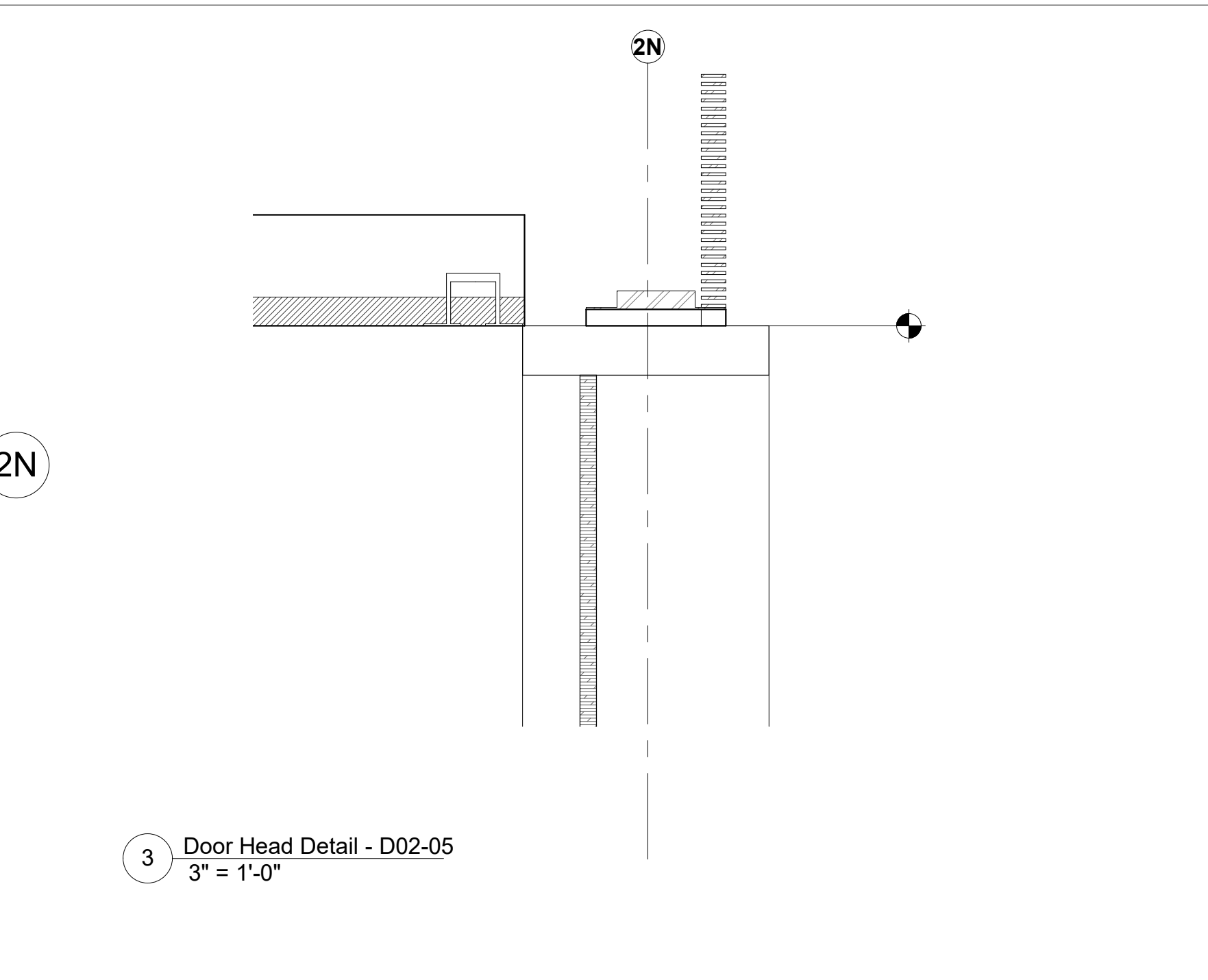
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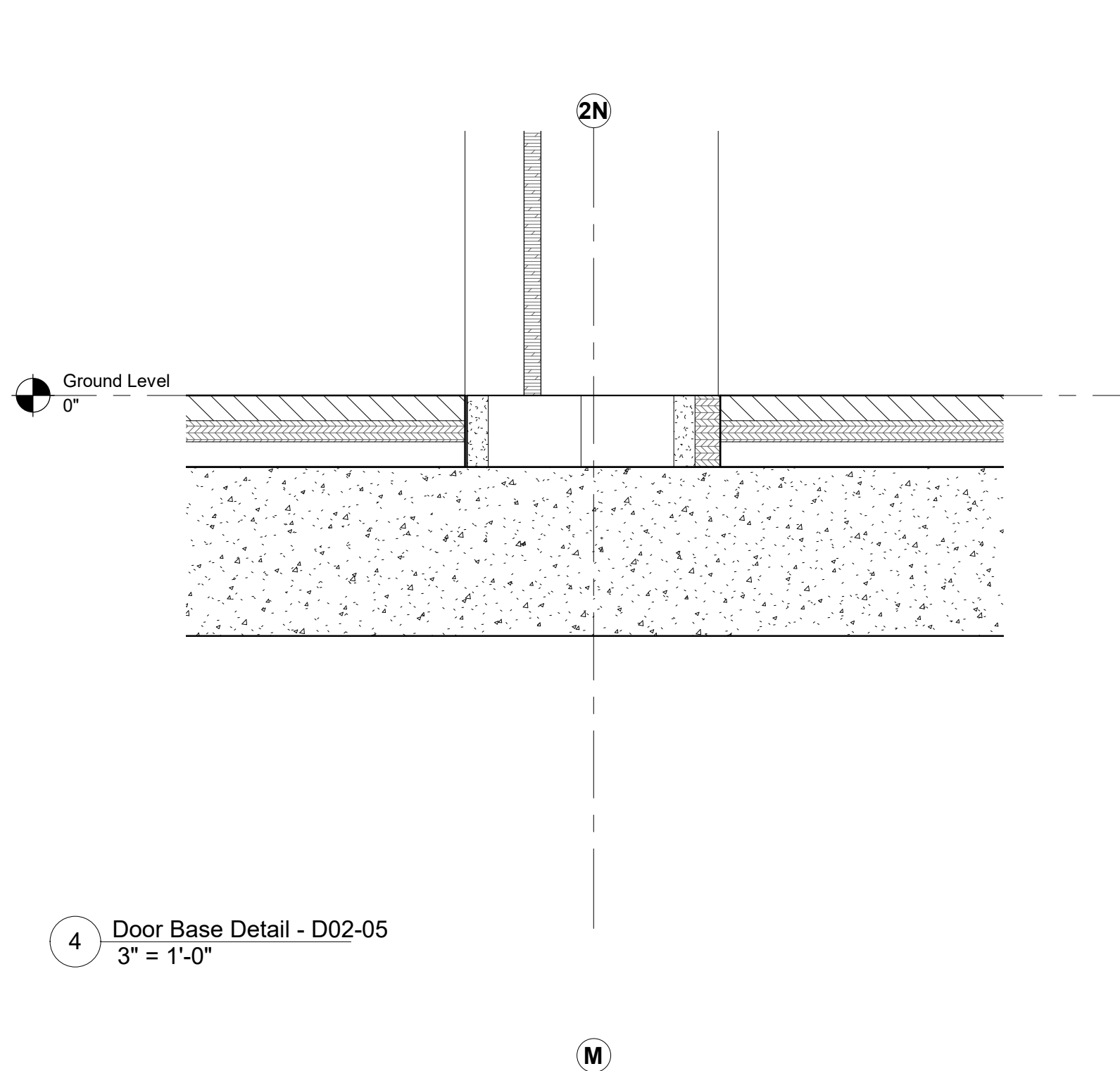
1 Jamb Detail - D02-05 Hinge
3" = 1'-0"



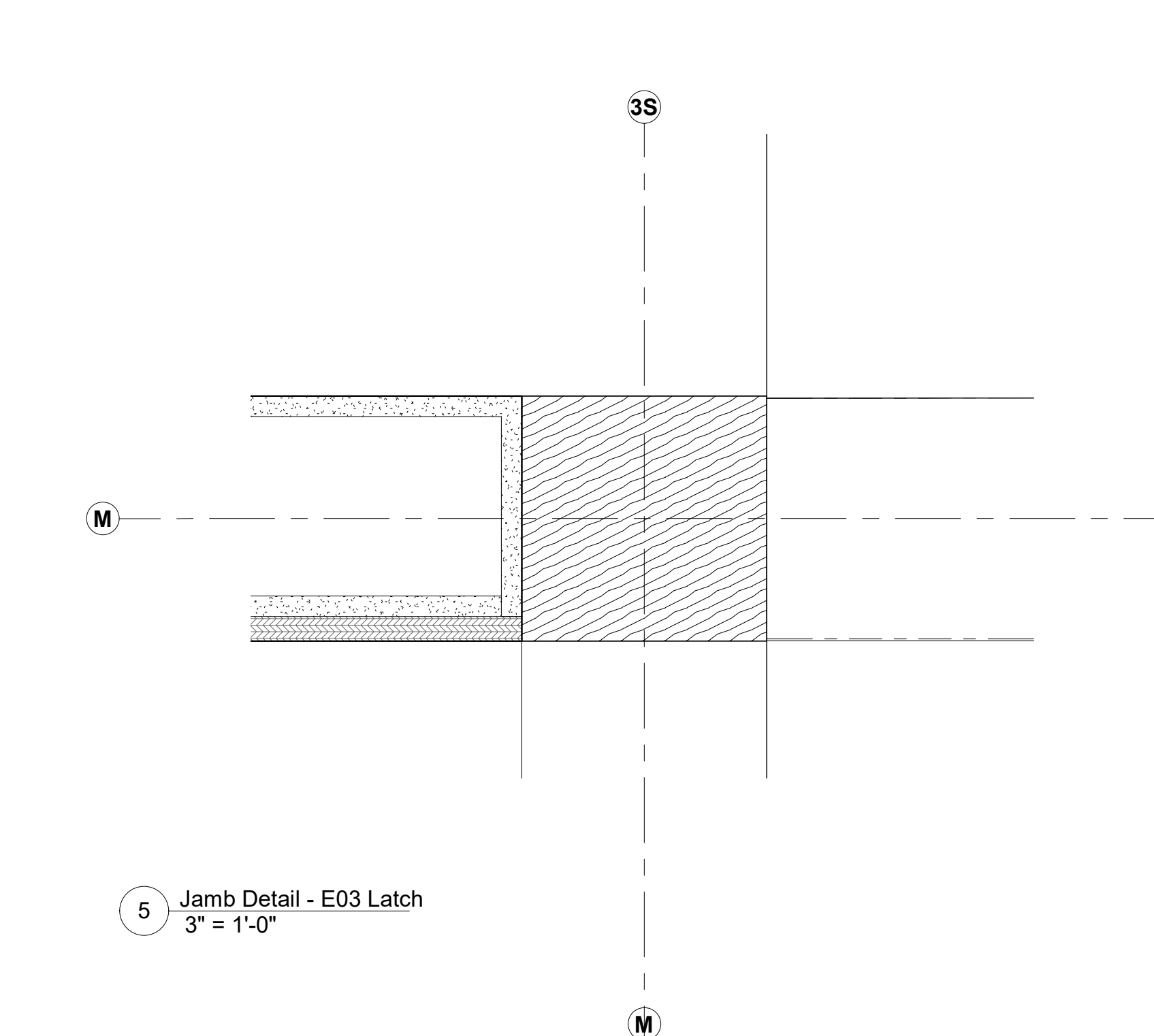
2 Jamb Detail - D02-05 Latch
3" = 1'-0"



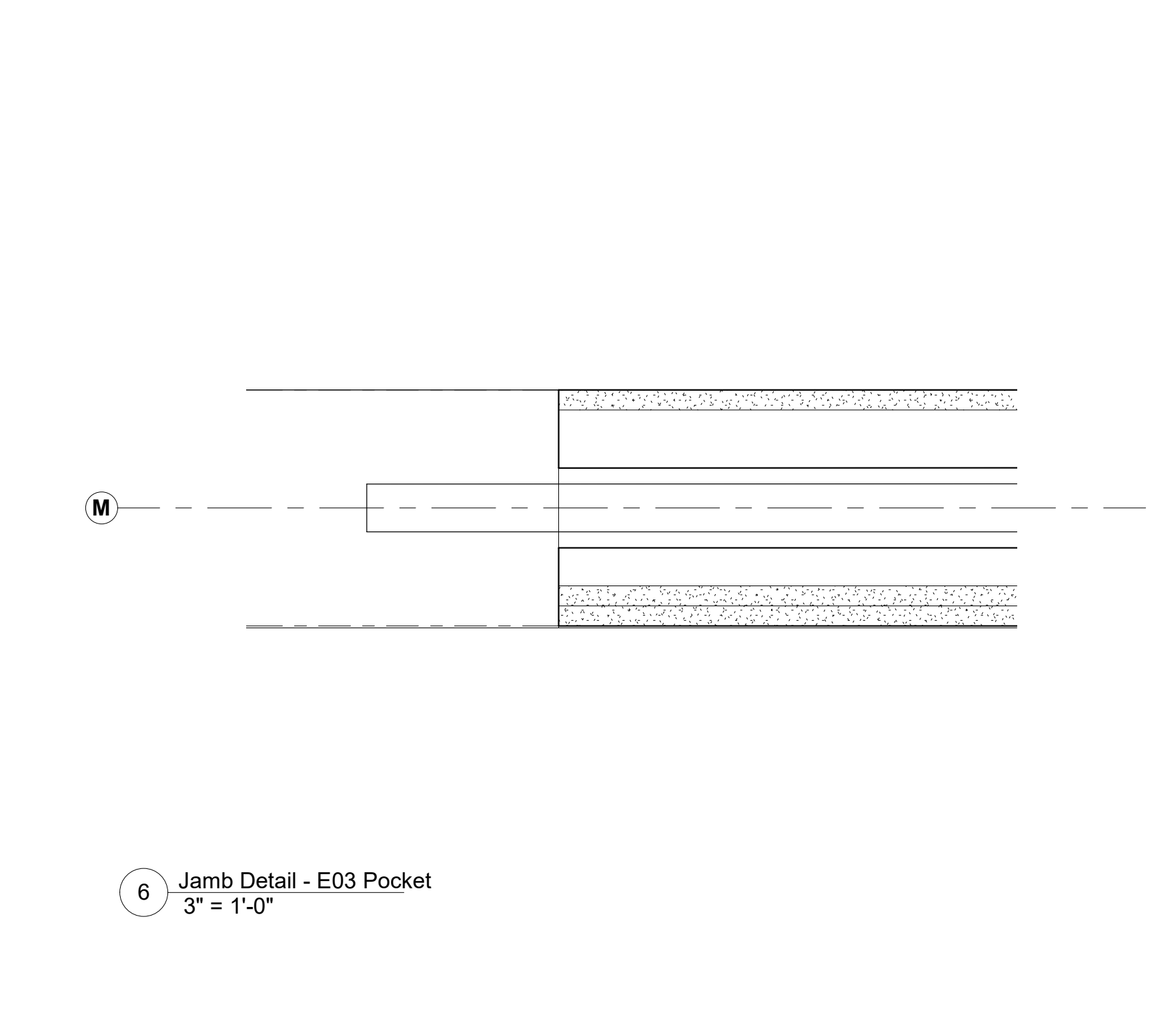
3 Door Head Detail - D02-05
3" = 1'-0"



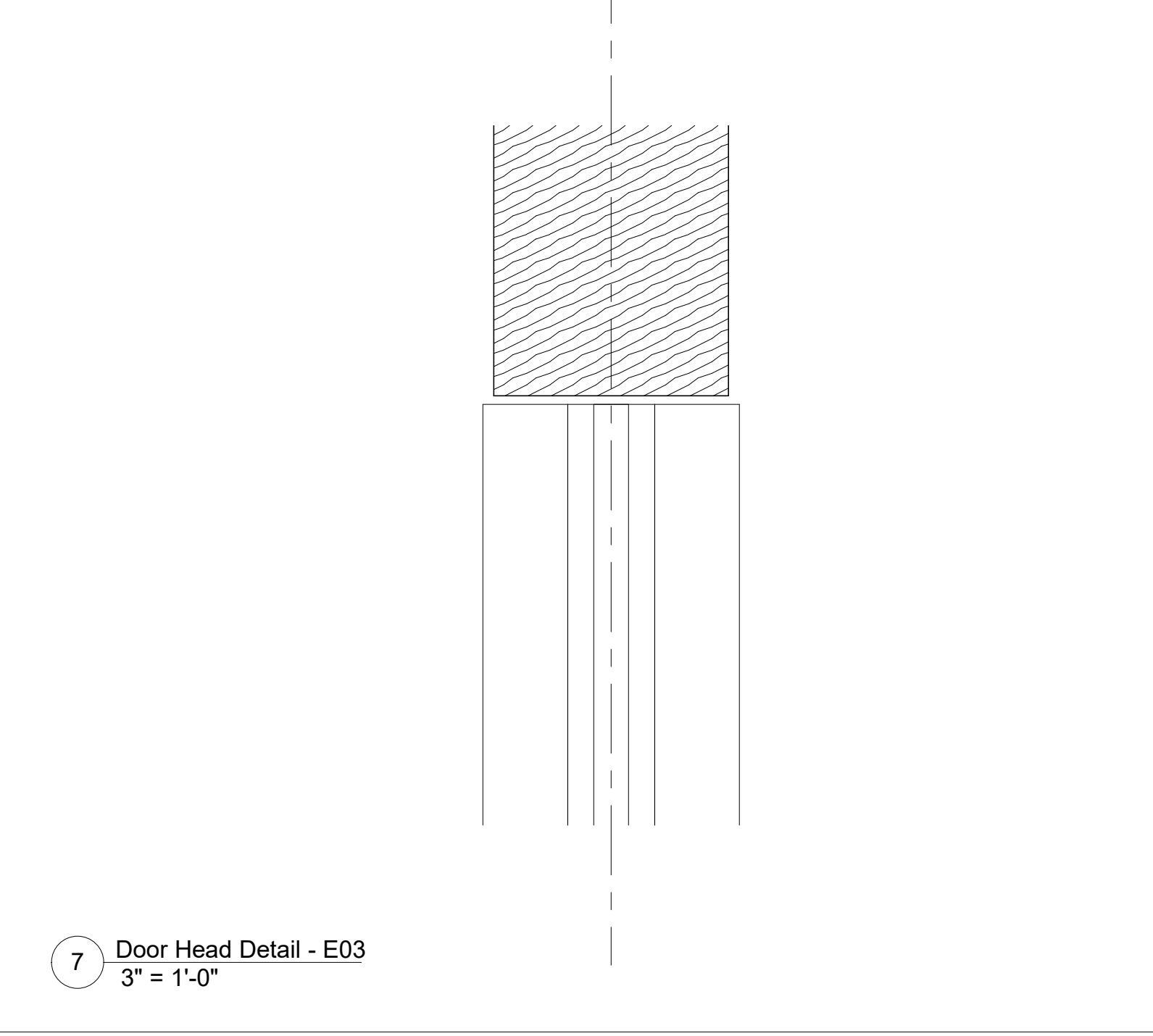
4 Door Base Detail - D02-05
3" = 1'-0"



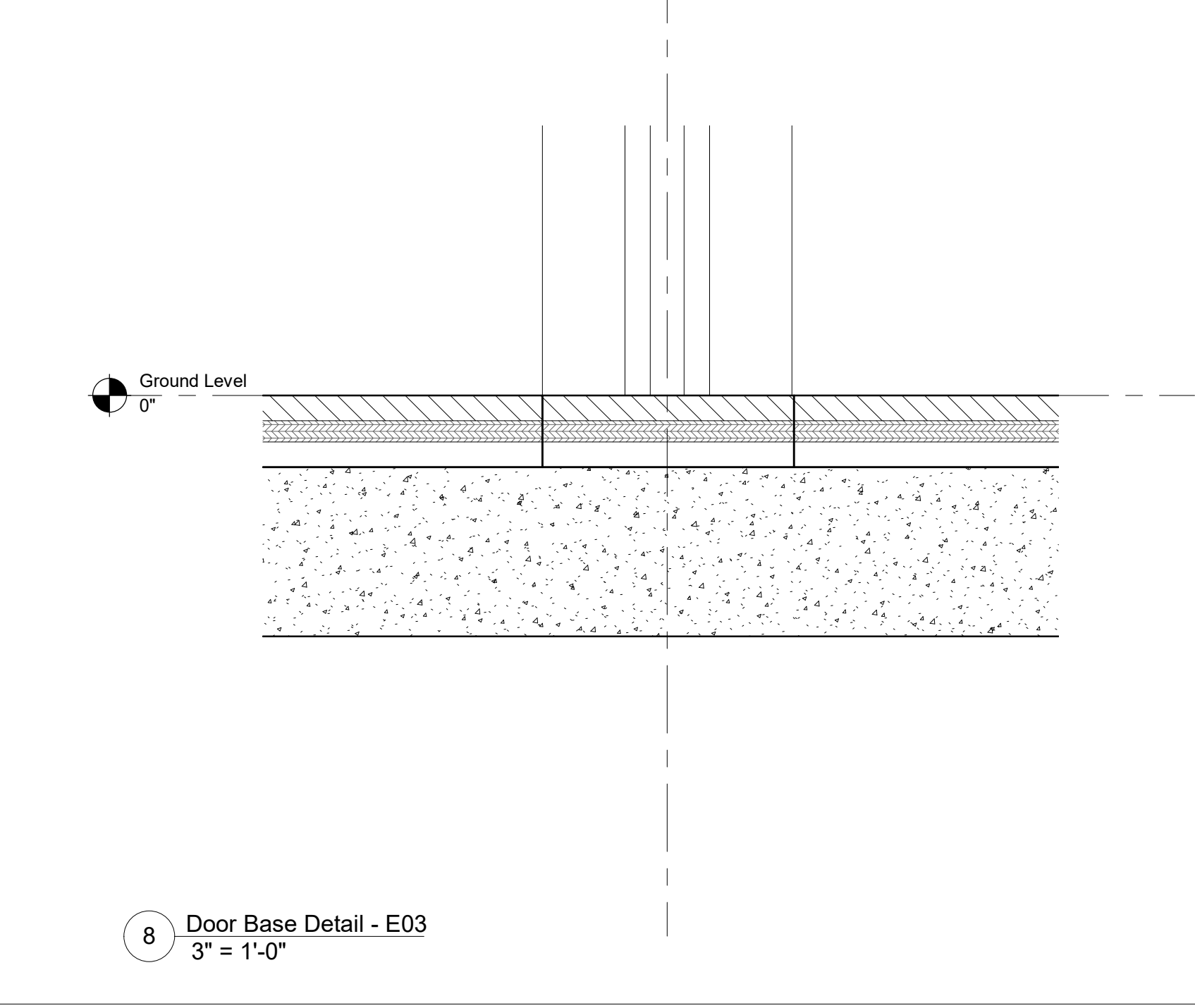
5 Jamb Detail - E03 Latch
3" = 1'-0"



6 Jamb Detail - E03 Pocket
3" = 1'-0"



7 Door Head Detail - E03
3" = 1'-0"



8 Door Base Detail - E03
3" = 1'-0"

Keynote Legend	
Keynote	Description

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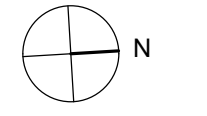
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Key Plan



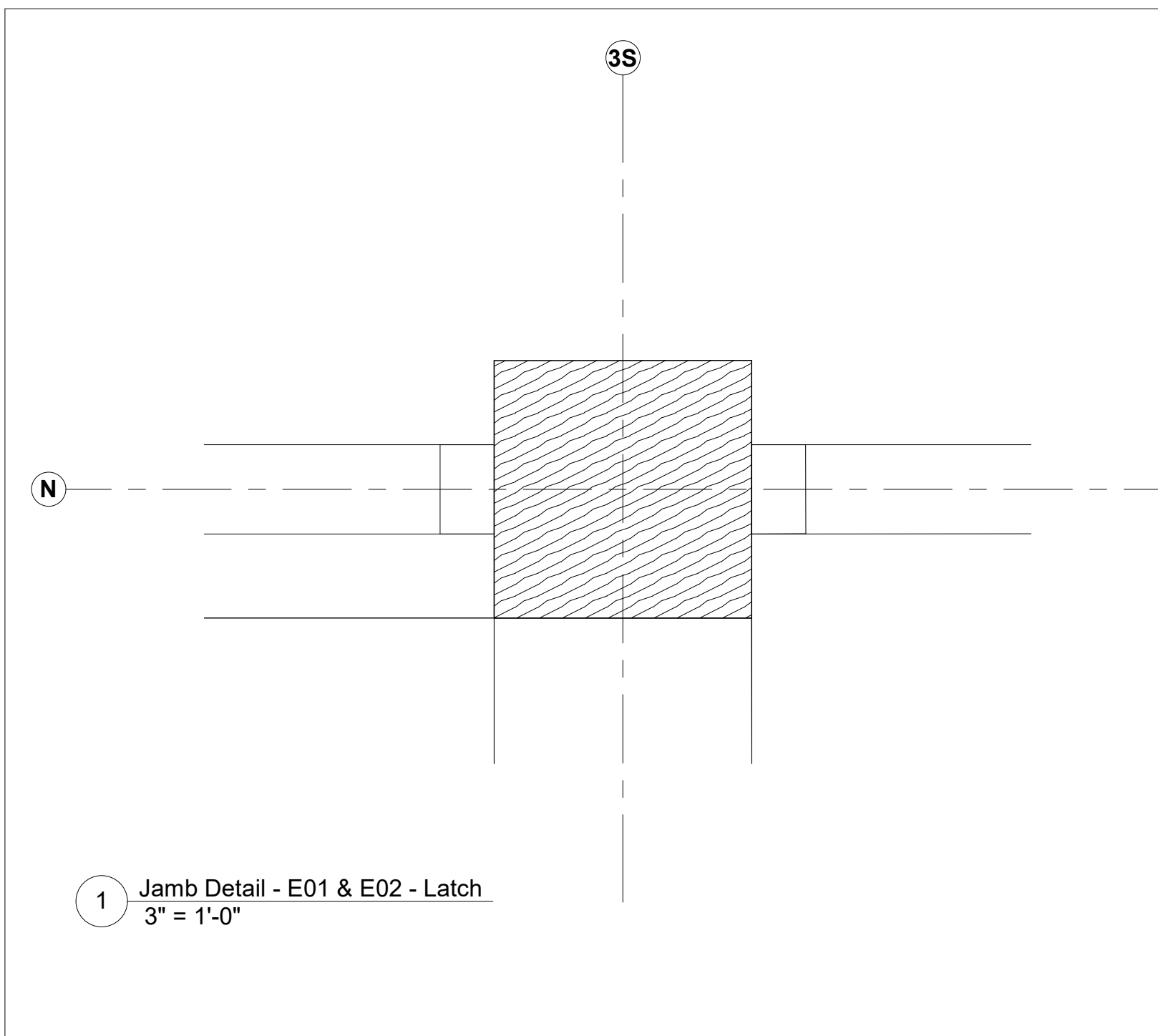
Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

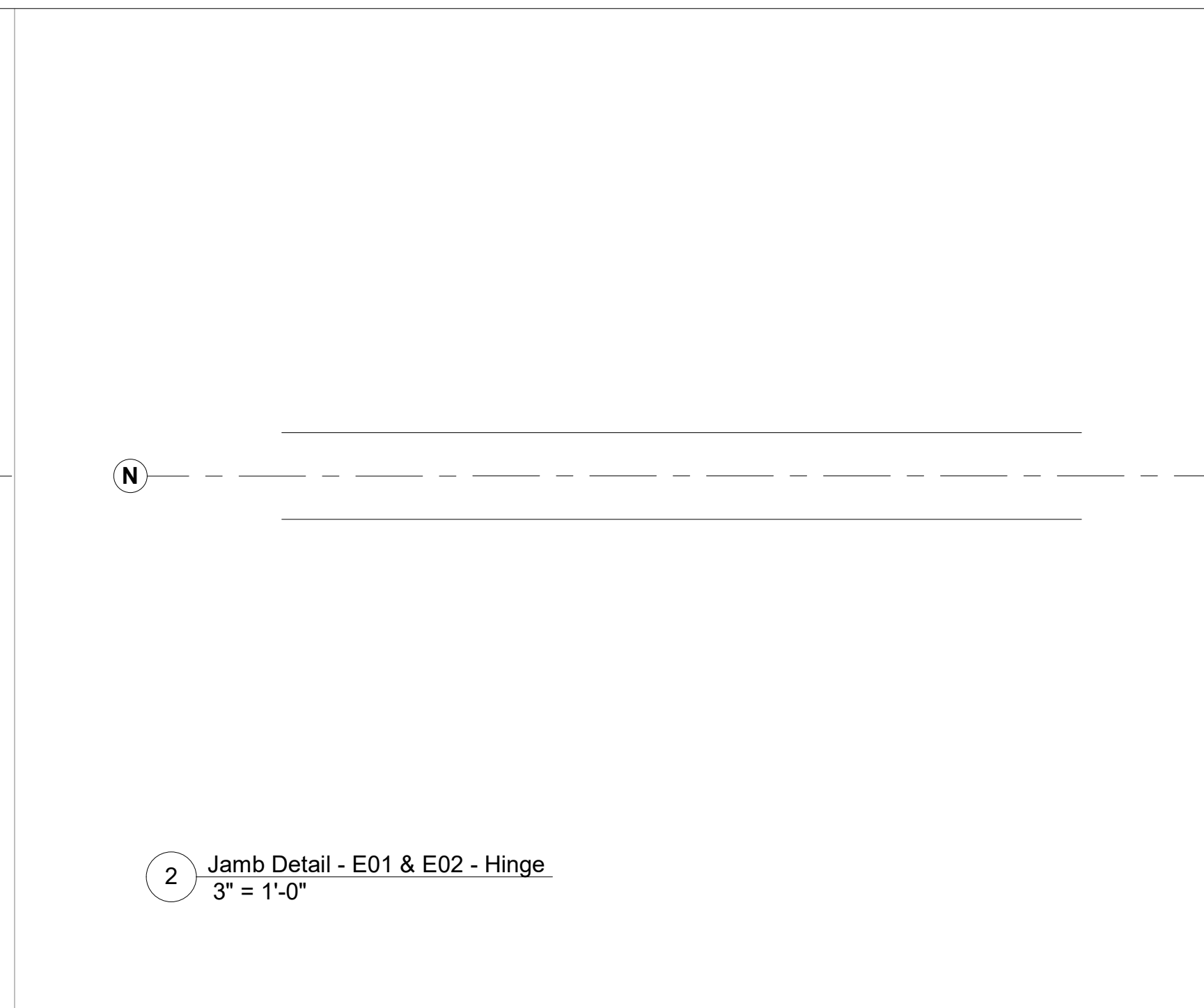
Seal

NOT FOR CONSTRUCTION
Drawing Title
**Interior Door Jamb
Details**

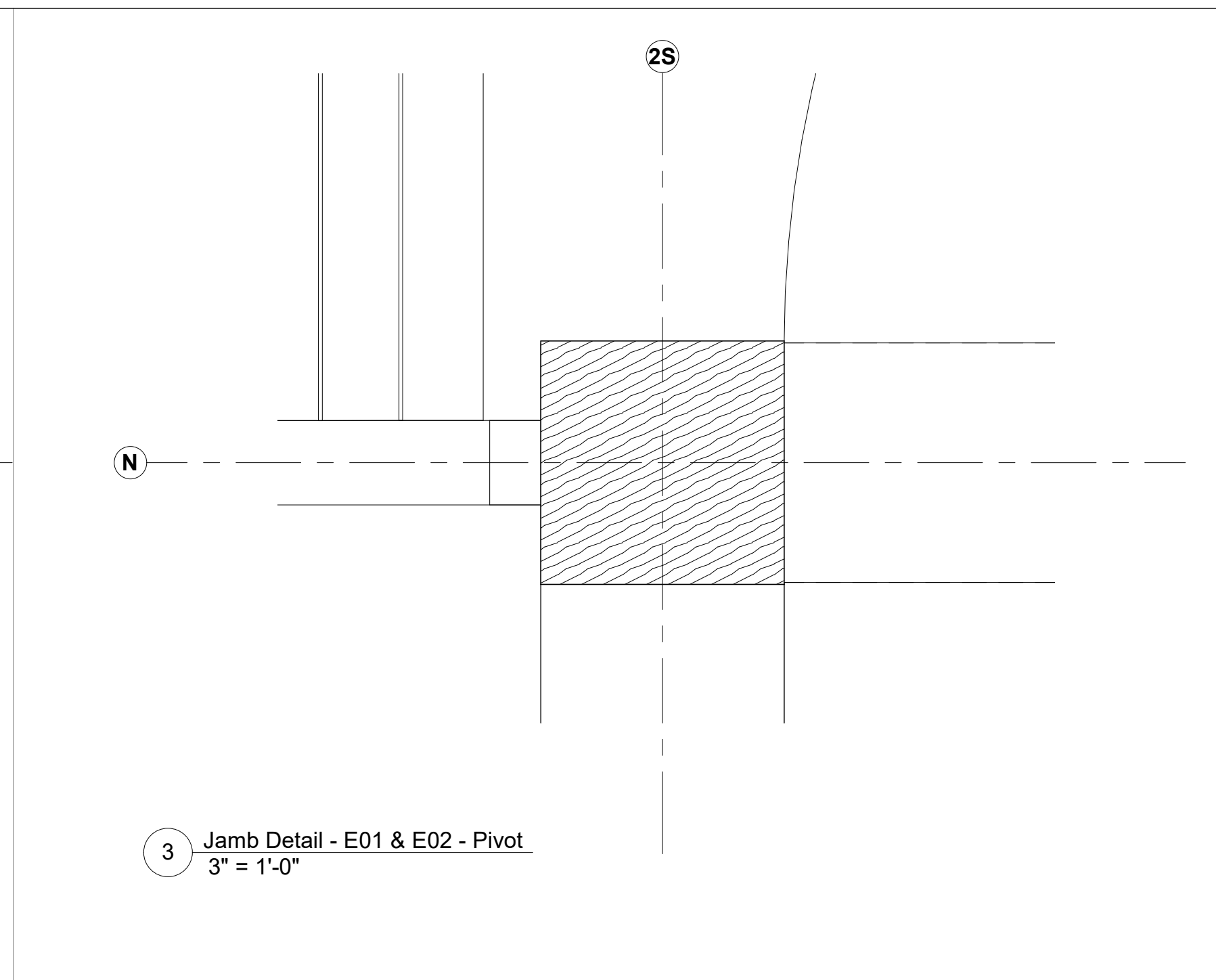
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Drawing Number	A-A-659
Sheet Size	ARCH D



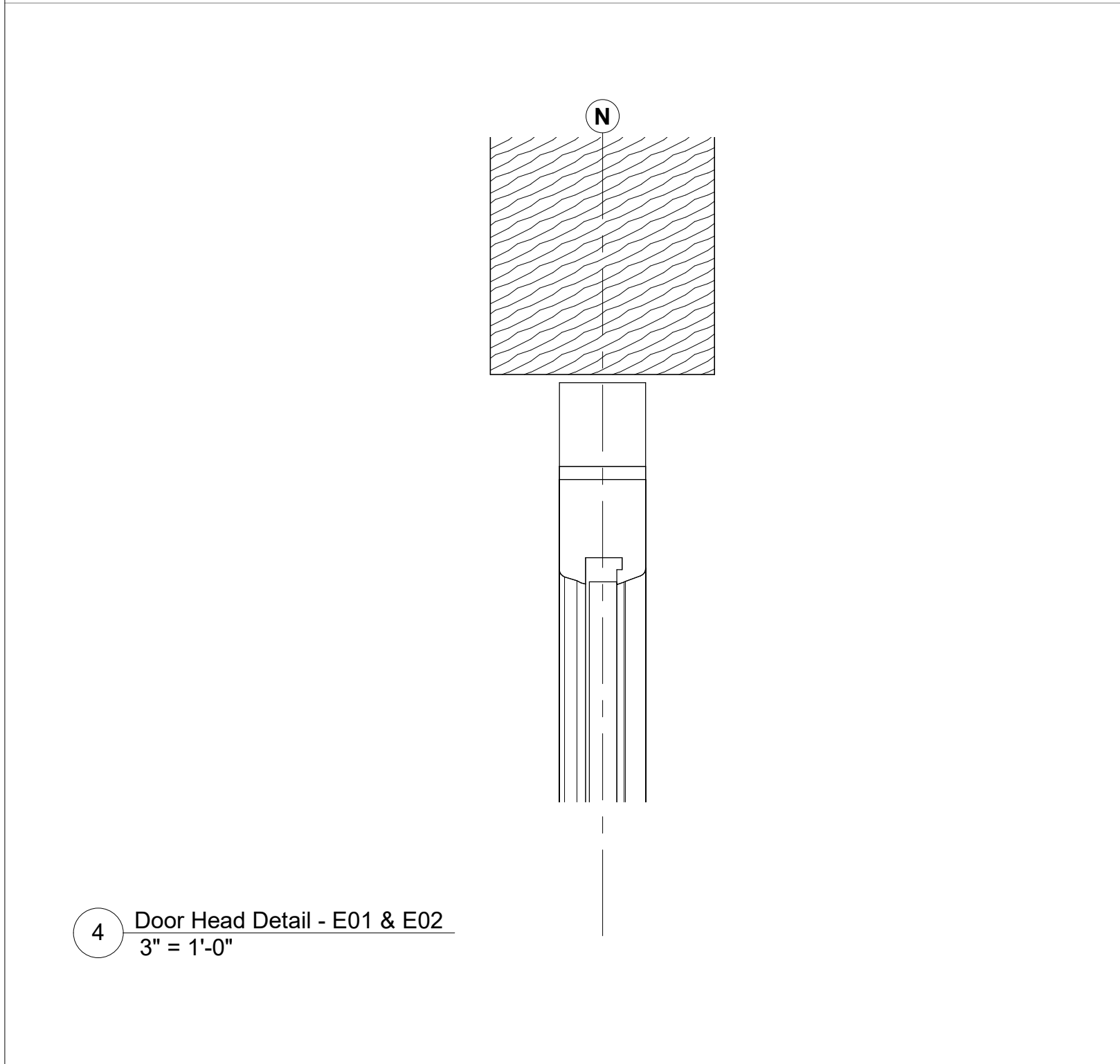
1 Jamb Detail - E01 & E02 - Latch
3" = 1'-0"



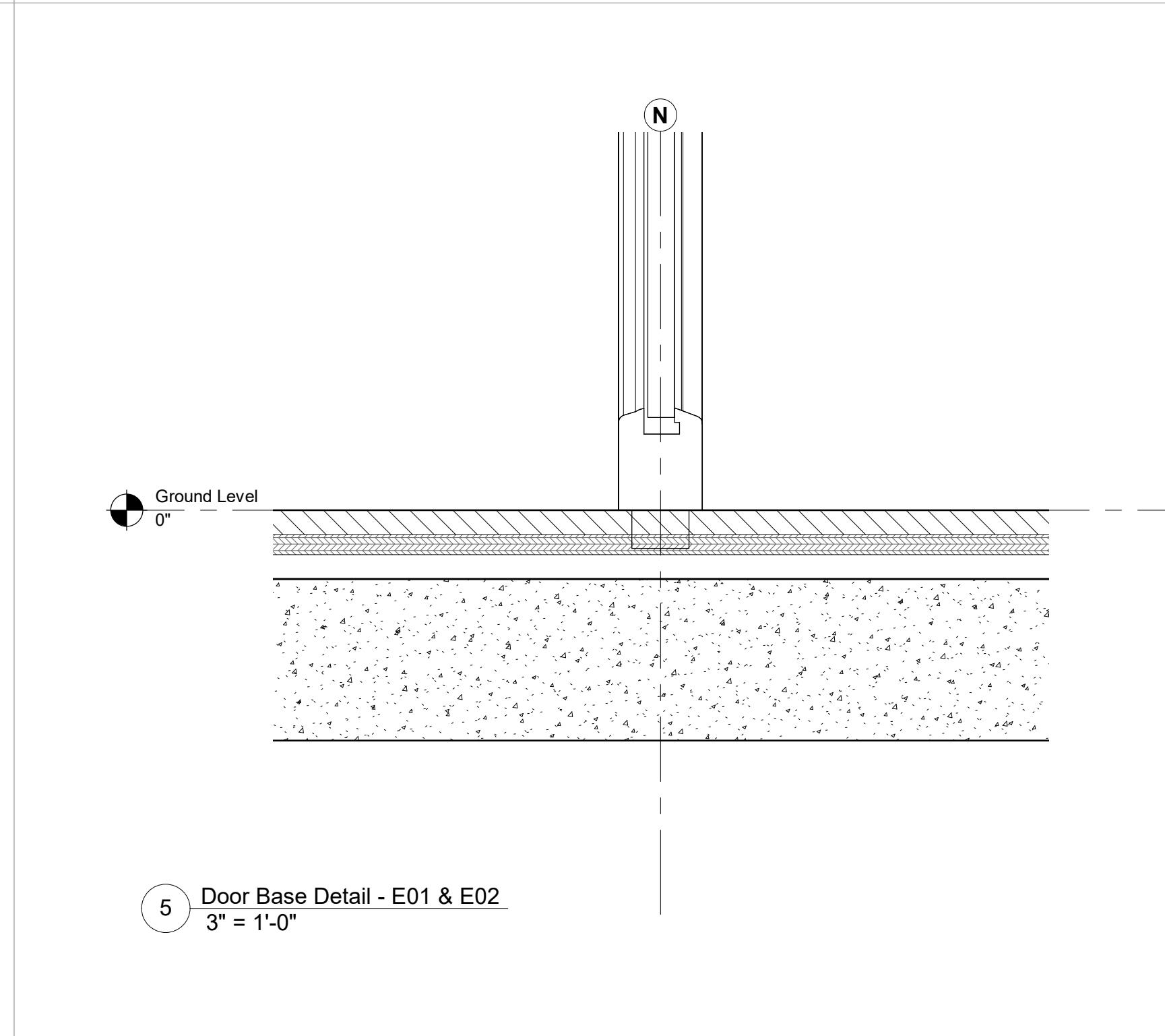
2 Jamb Detail - E01 & E02 - Hinge
3" = 1'-0"



3 Jamb Detail - E01 & E02 - Pivot
3" = 1'-0"



4 Door Head Detail - E01 & E02
3" = 1'-0"



5 Door Base Detail - E01 & E02
3" = 1'-0"

Keynote Legend

Keynote Description

Owner
Storm King Art Center
1 Museum Road
New Windsor, NY, US 12553
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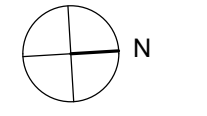
MEPF & IT
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100 Broadway #23
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

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Drawing Title
**Interior Door Jamb
Details**

Date	11/06/20
Scale	3" = 1'-0"
Drawing Number	A-A-660
Sheet Size	ARCH D

Keynote	Description
09-74-00	Solid Surface
09-75-00	Hardwood Edge
09-76-00	White Oak Veneered Casework

Owner
 Storm King Art Center
 1 Museum Road
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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

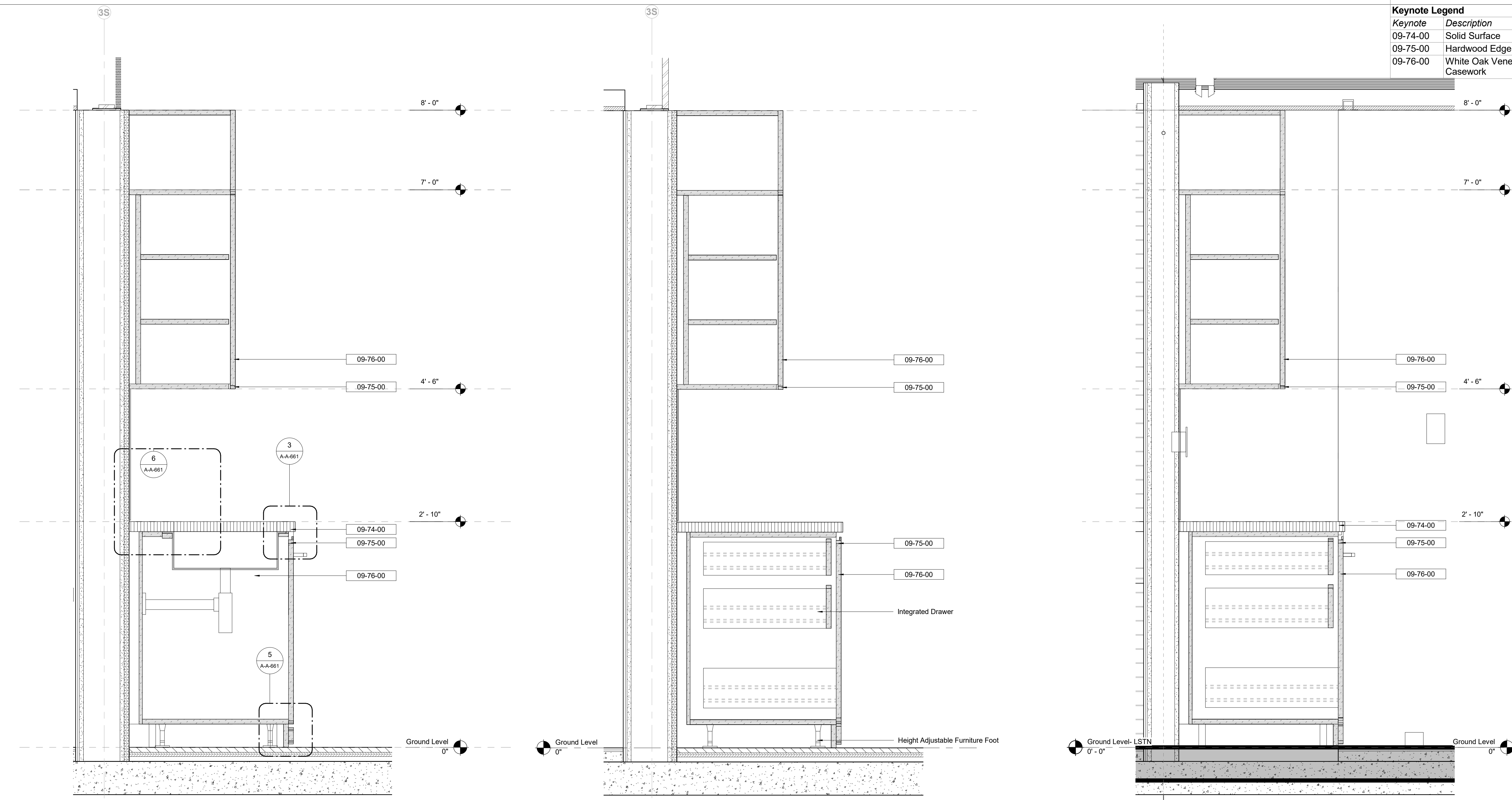
**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Millwork Details

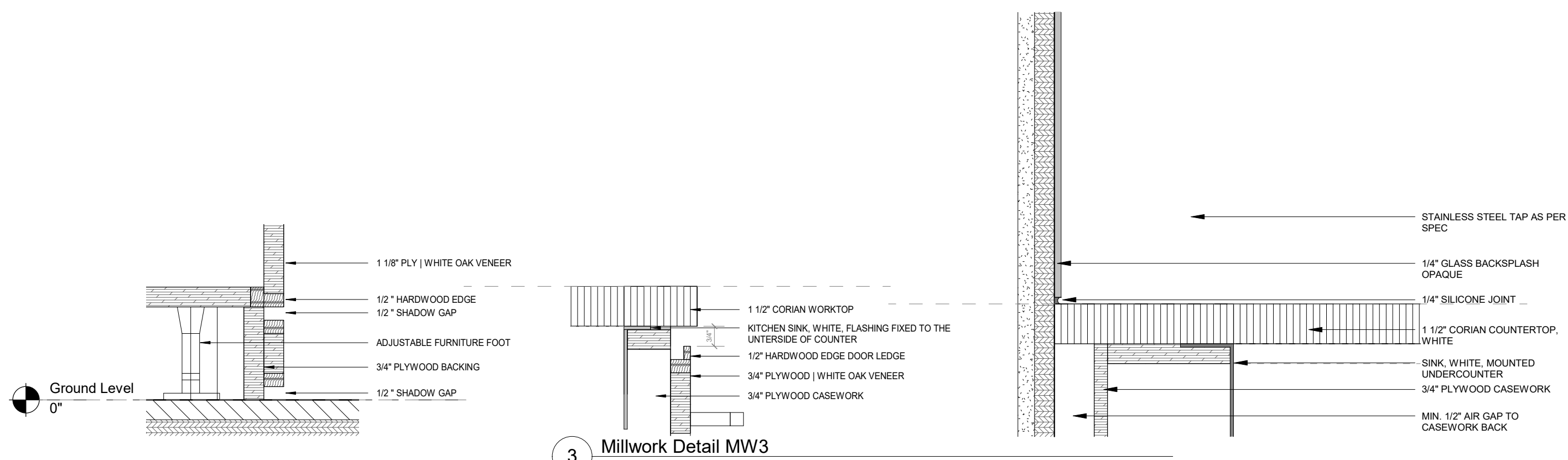
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-661
Sheet Size	ARCH D



1 Millwork Section - MW1
 1 1/2" = 1'-0"

2 Millwork Section - MW2
 1 1/2" = 1'-0"

4 Millwork Section - MW3
 1 1/2" = 1'-0"

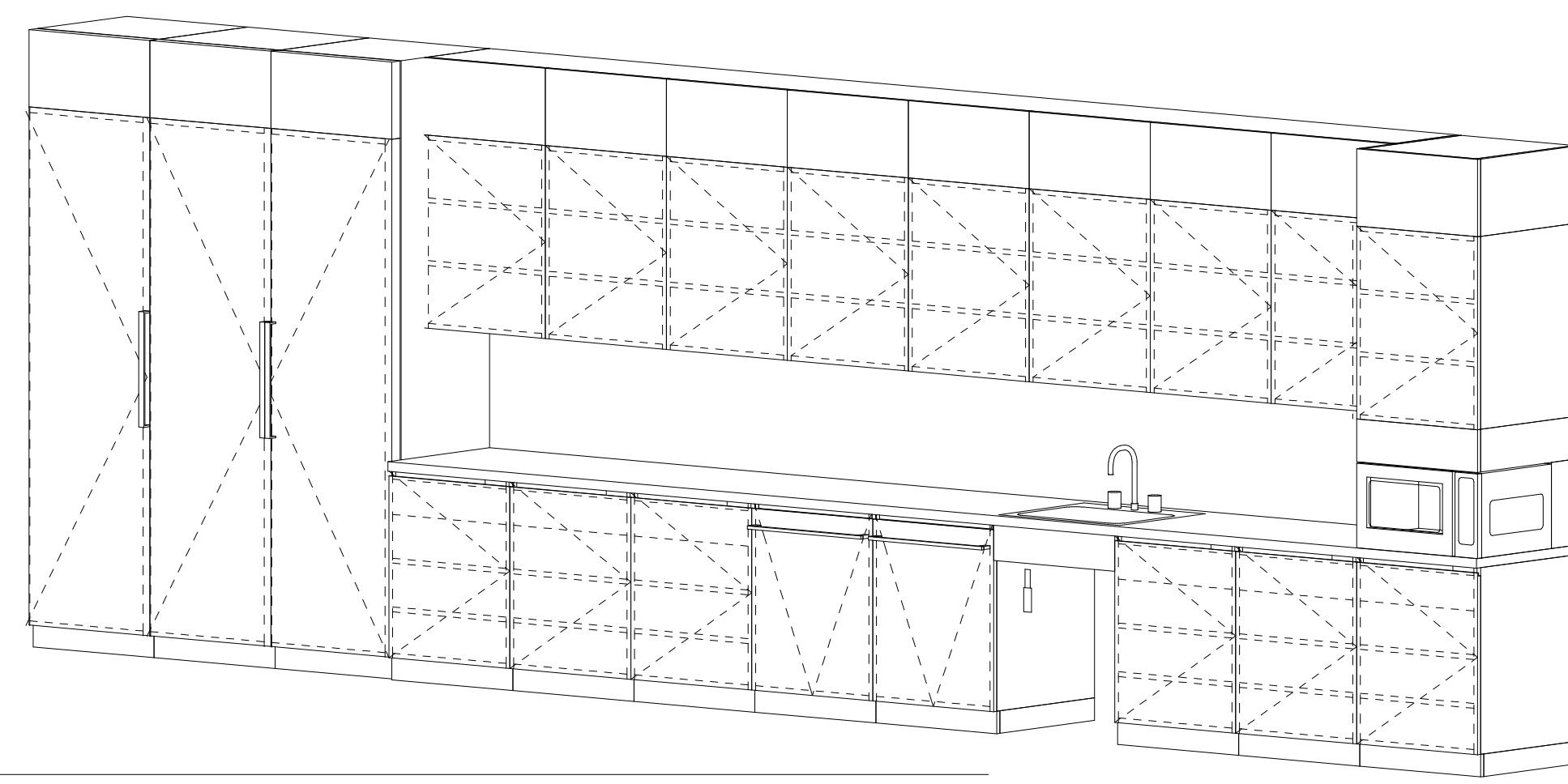


5 Millwork Detail MW2
 3" = 1'-0"

3 Millwork Detail MW3
 3" = 1'-0"

6 Millwork Detail MW1
 3" = 1'-0"

7 Kitchen Unit_01



Keynote Legend	
Keynote	Description
09-71-00	Custom White Oak Veneer Ply
09-75-00	Hardwood Edge

Owner
Storm King Art Center
1 Museum Road
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Key Plan

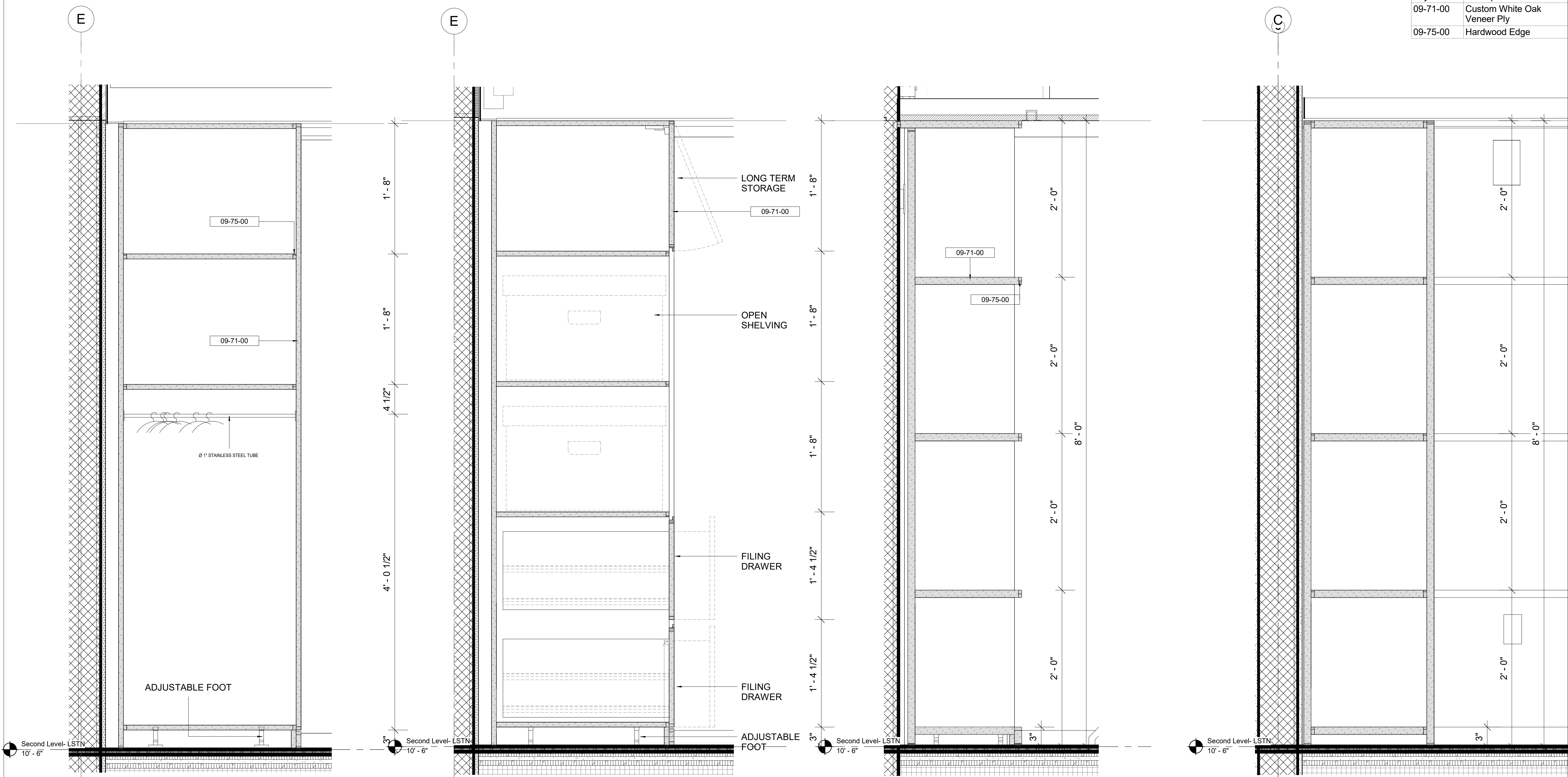
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Millwork Details

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-662
Sheet Size	ARCH D

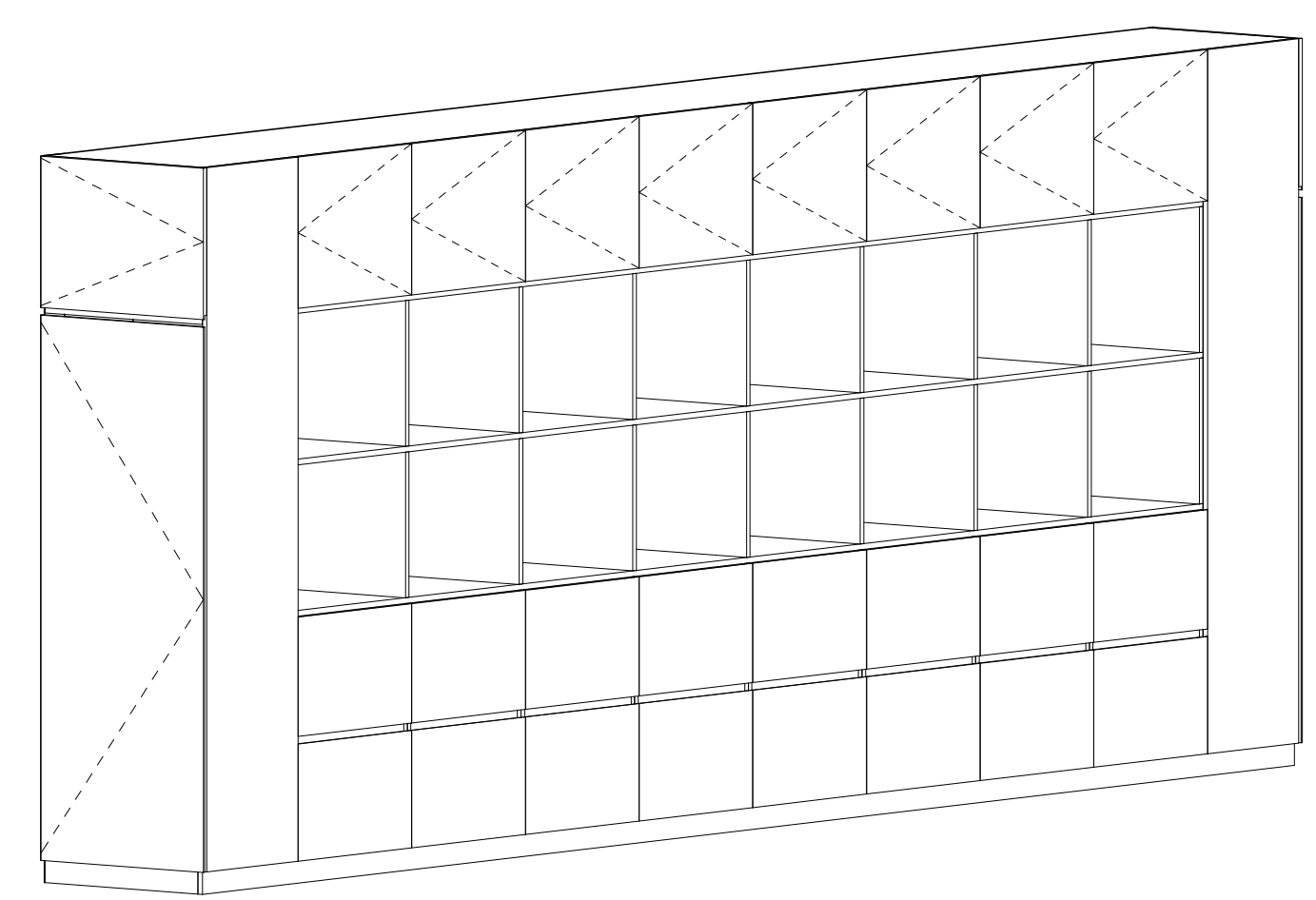


2 Millwork Section - MW4
1 1/2" = 1'-0"

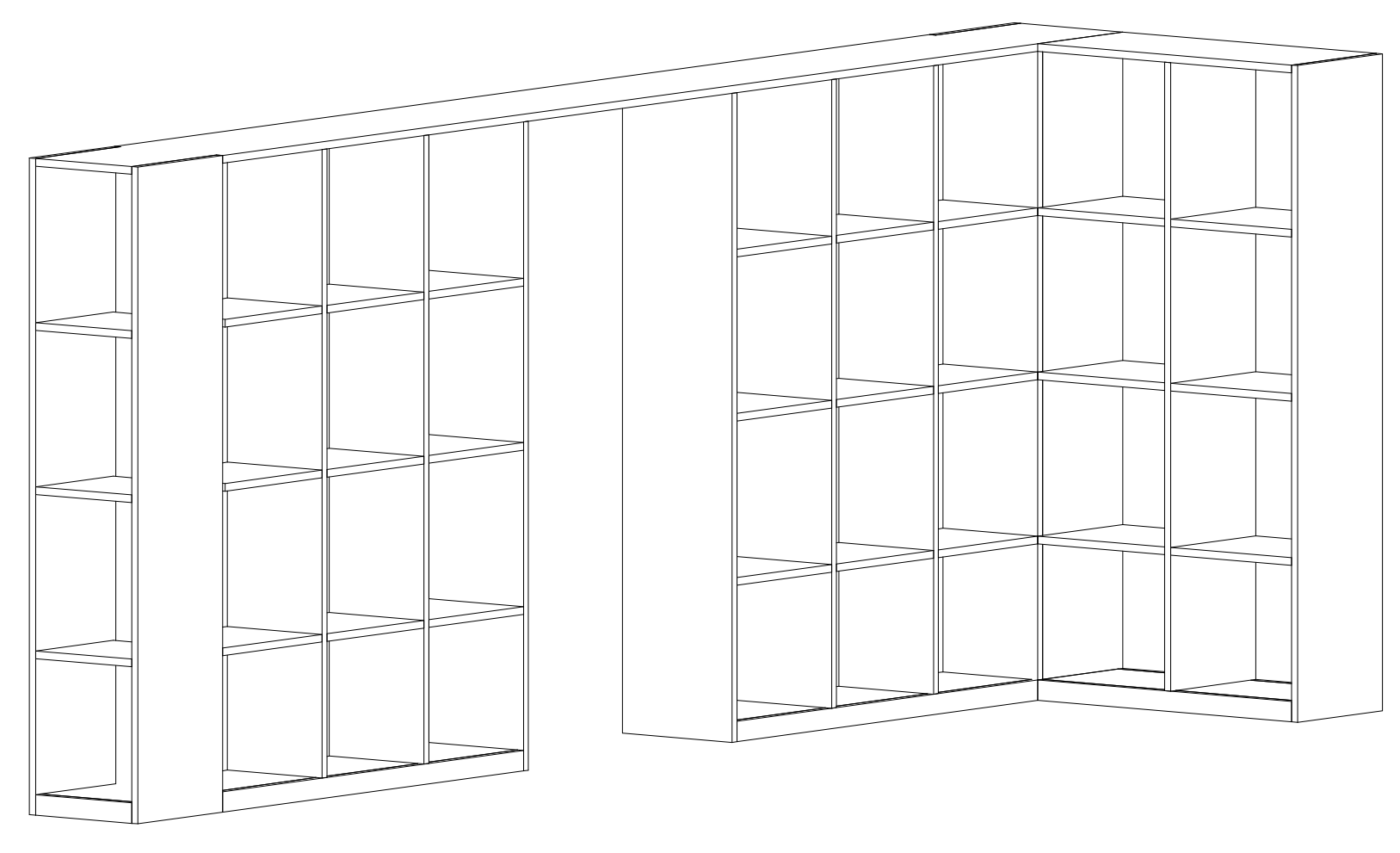
3 Millwork Section - MW5
1 1/2" = 1'-0"

4 Millwork Section - MW6
1 1/2" = 1'-0"

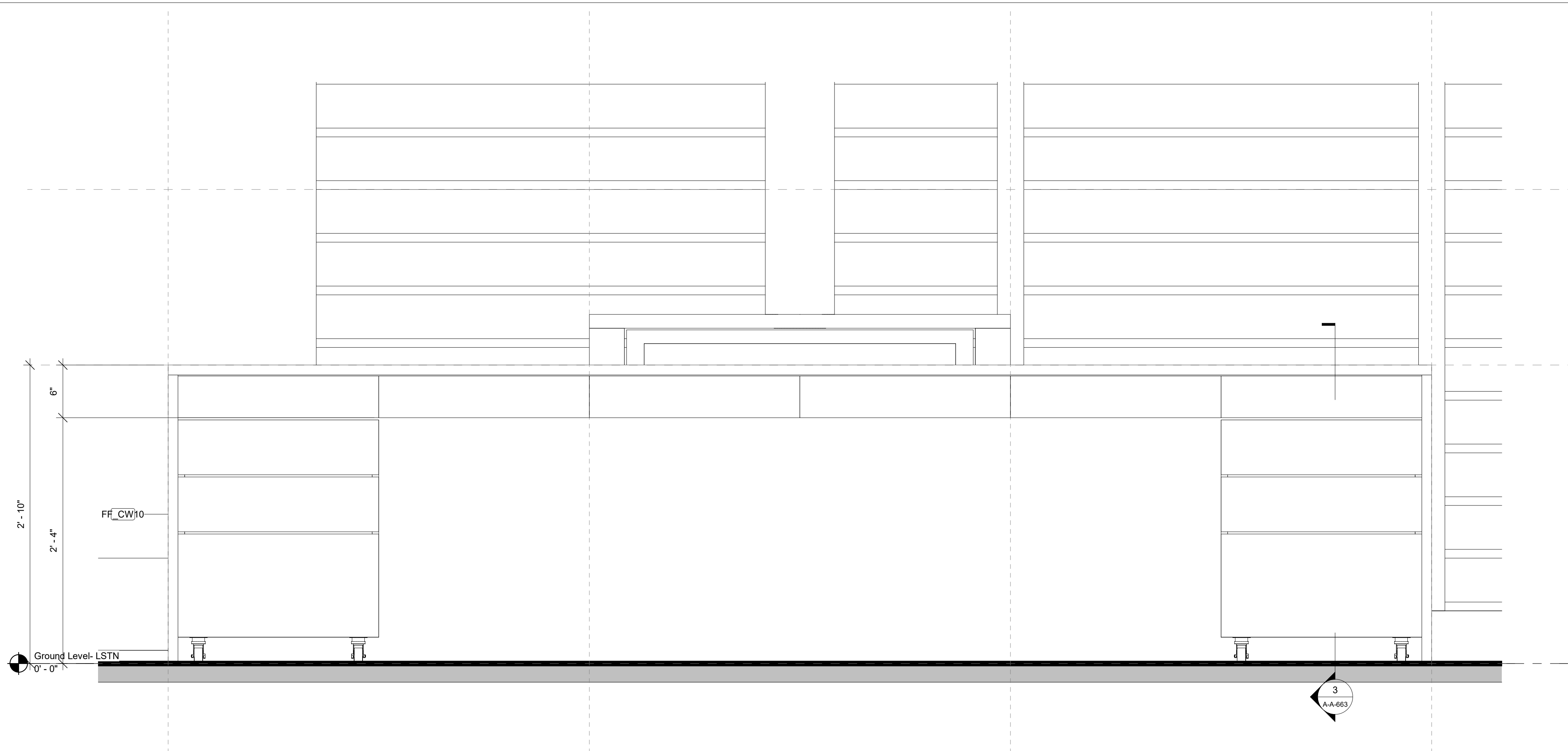
5 Millwork Section - MW7
1 1/2" = 1'-0"



7 Full Height Wall Cabinet_01



6 Full Height Wall Shelf_02



Keynote Legend	
Keynote	Description
09-74-00	Solid Surface
09-75-00	Hardwood Edge
09-76-00	White Oak Veneered Casework

Owner
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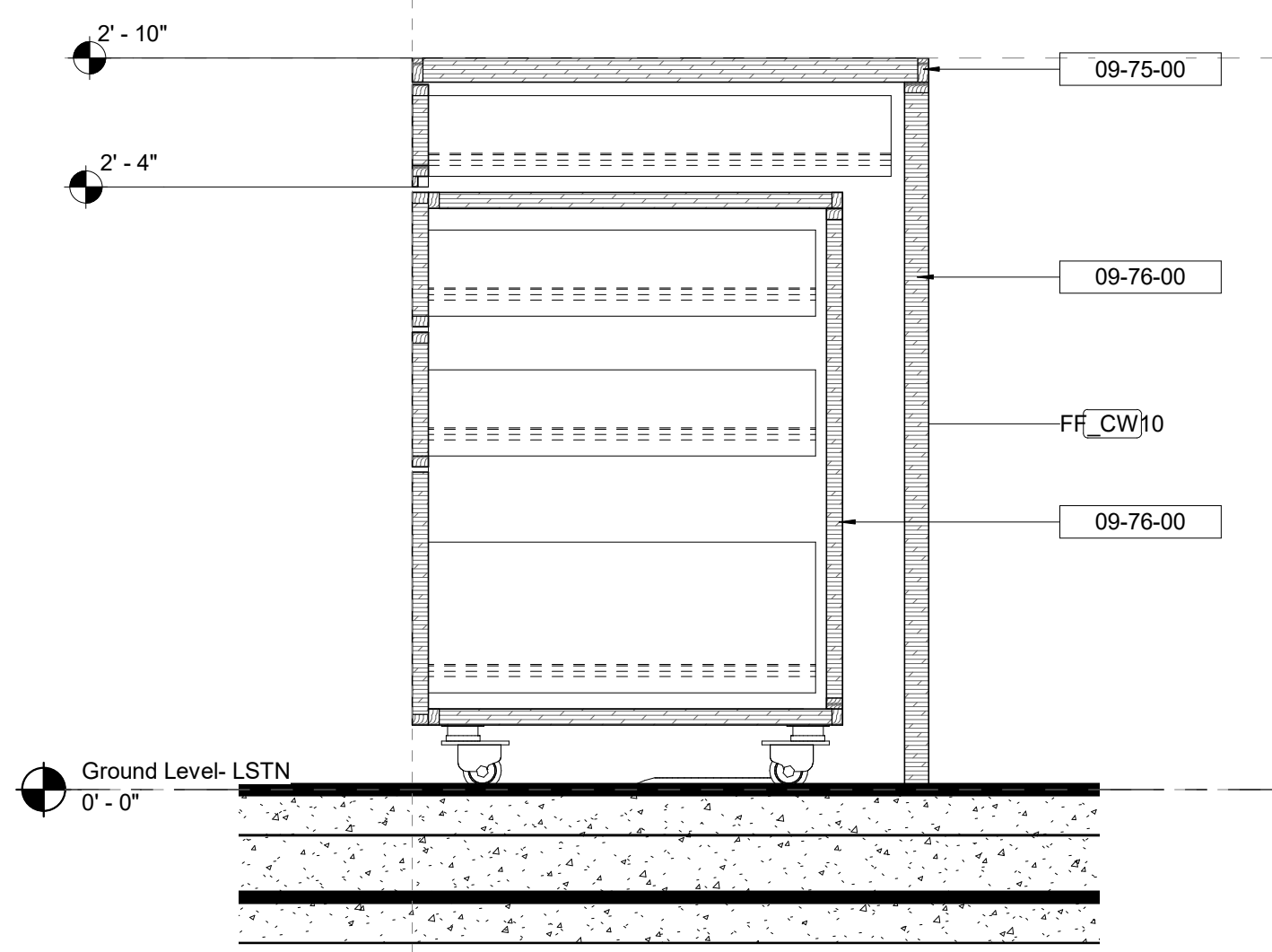
Civil
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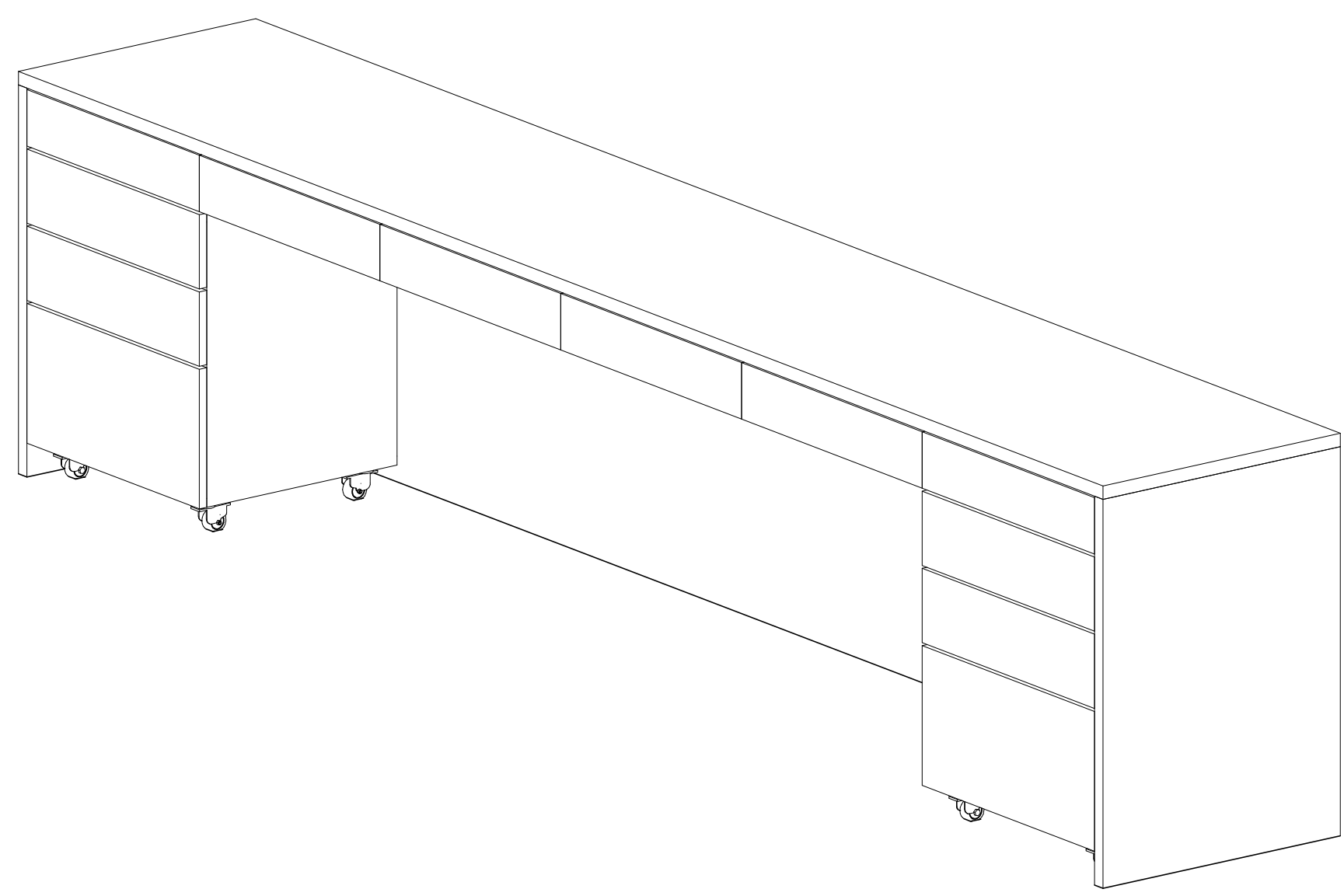
Facade
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Key Plan

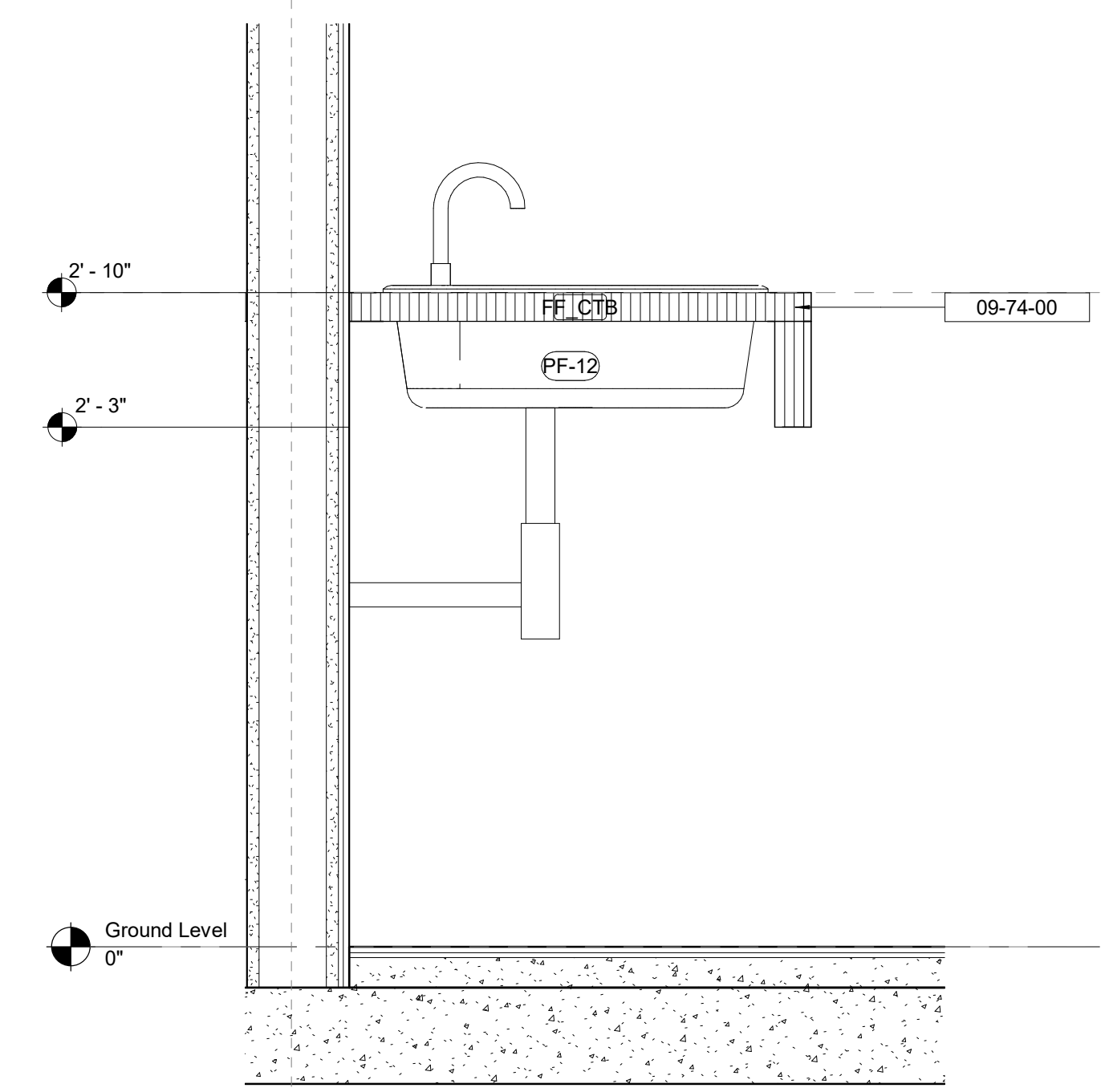
2 230 - Reception Desk
 1 1/2" = 1'-0"



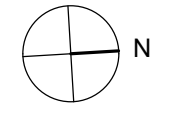
3 Millwork Section - MW8
 1 1/2" = 1'-0"



4 Reception Desk



1 Millwork Section - MW20
 1 1/2" = 1'-0"



Description Date
 50% Construction Documents 11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Millwork Details

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-663
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description
05-40-00	Cold-Formed Metal Framing
06-10-00	Rough Carpentry
06-10-00.E	Wood Blocking
06-10-00.S	Stud - 2x3.5" Nominal 3.5
06-40-23	Architectural Woodwork
07-46-00.B	Furring Strip - 3 1/2x3/4"
09-64-00	3/4" Hardwood Engineered Flooring

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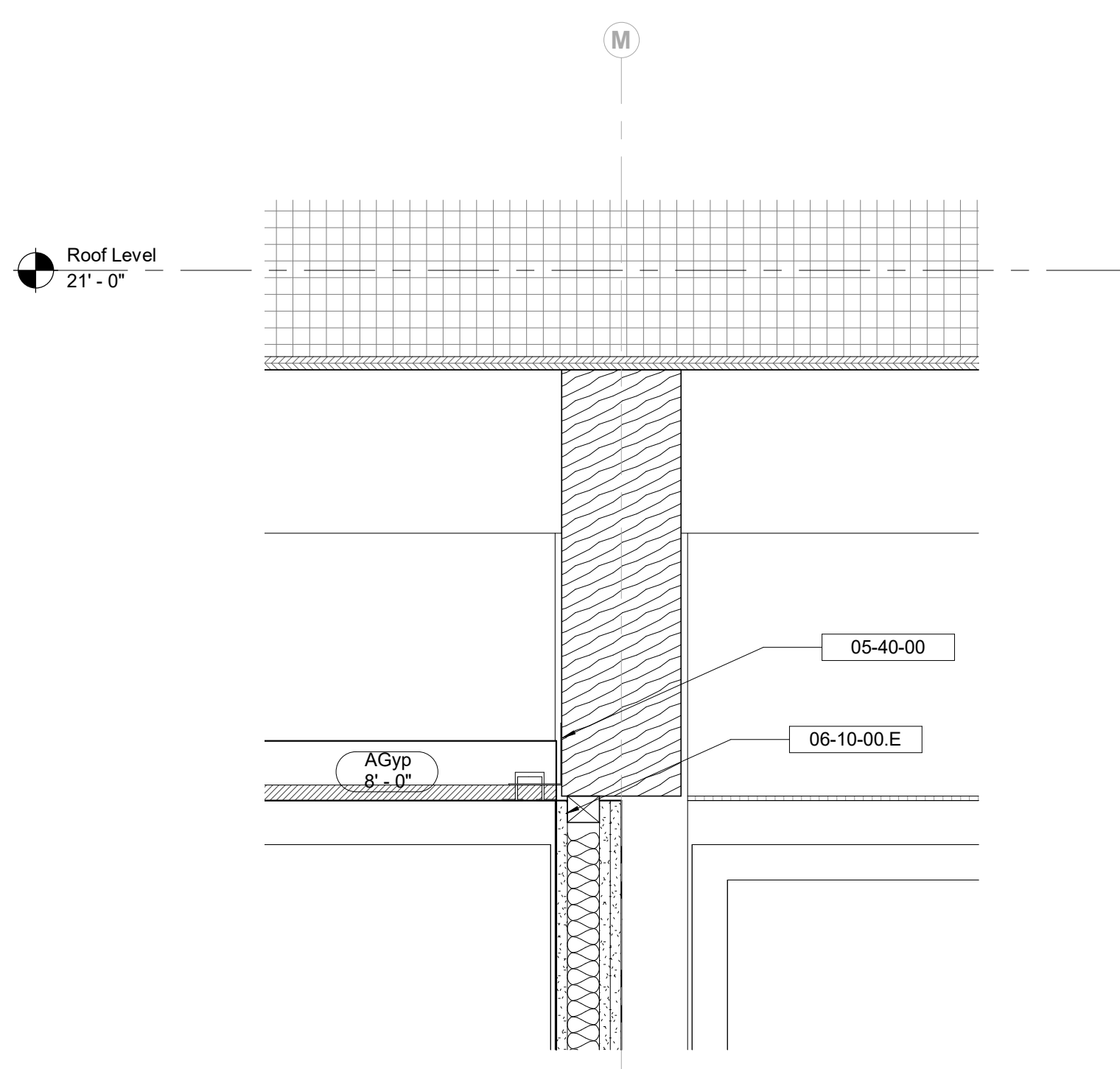
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

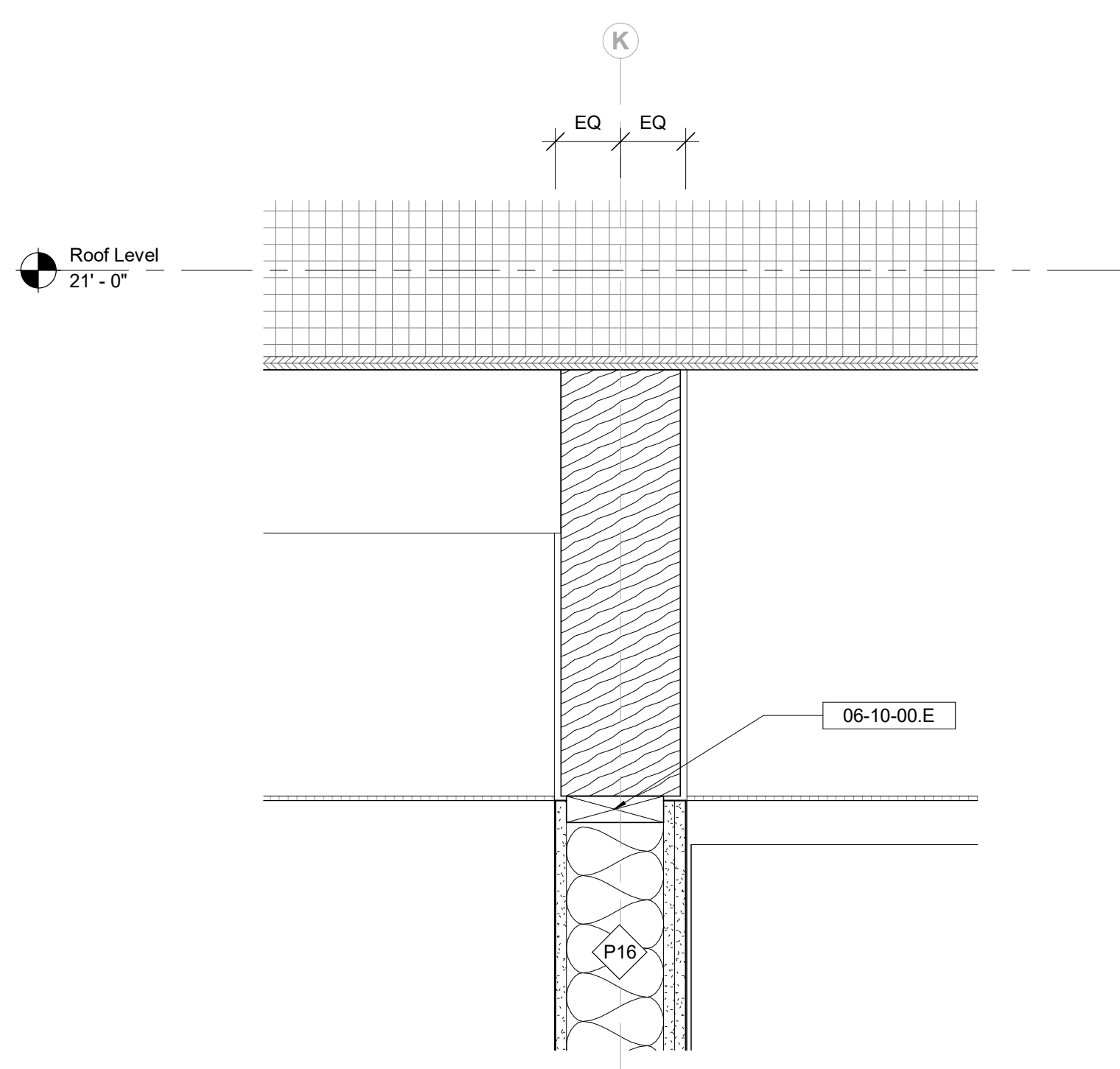
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NOT FOR CONSTRUCTION
Drawing Title
Interior Details

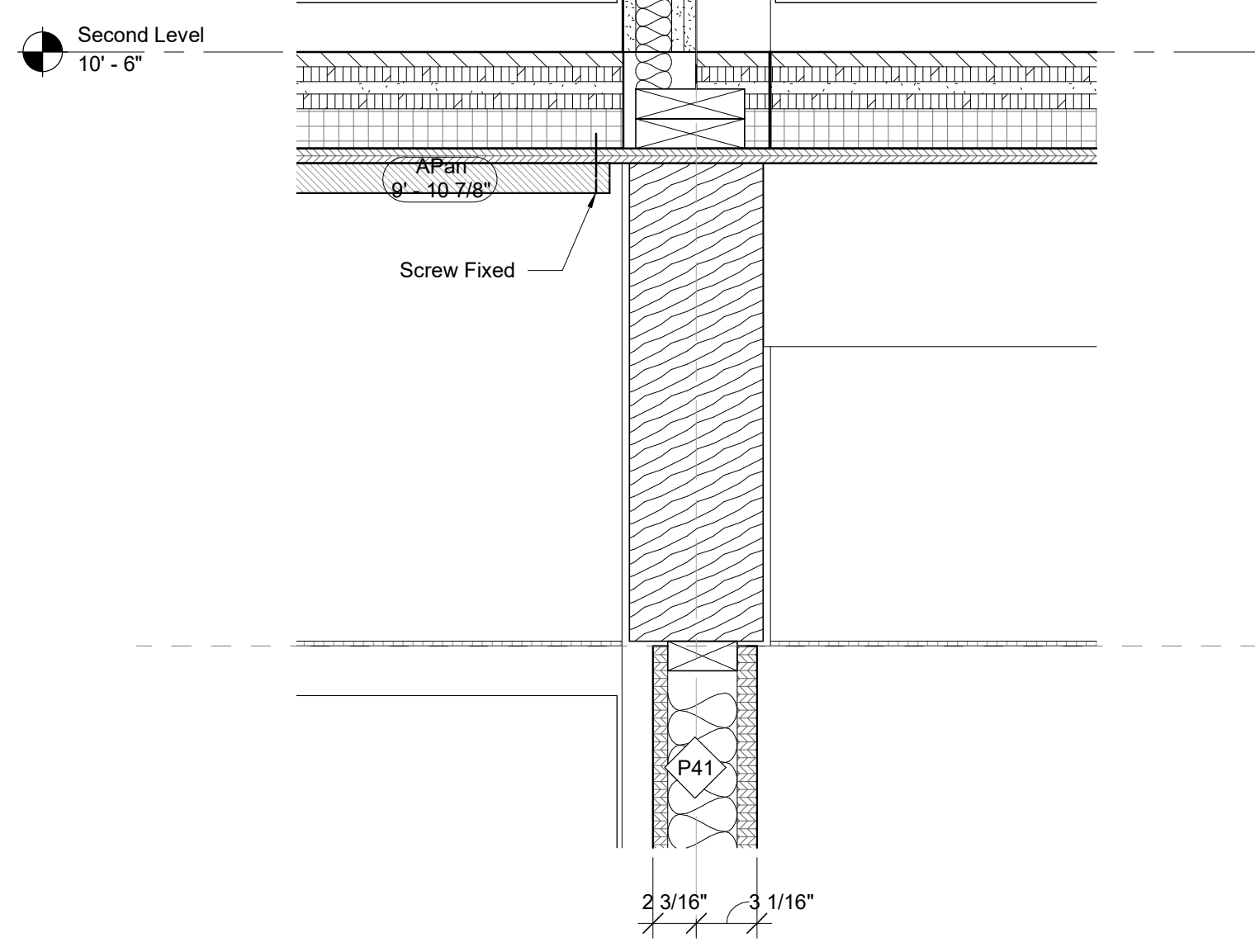
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Sheet Size	ARCH D



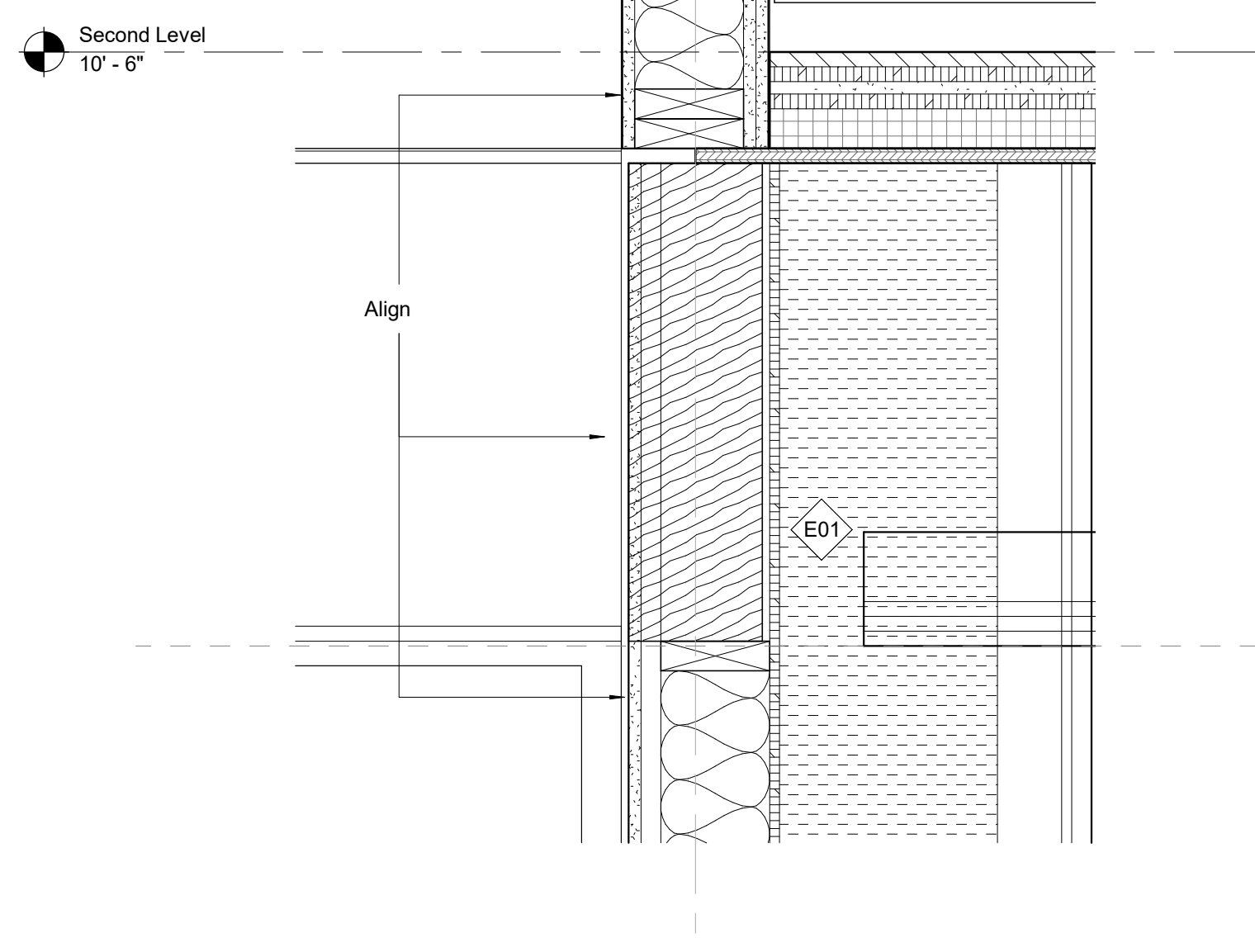
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1 1/2" = 1'-0"



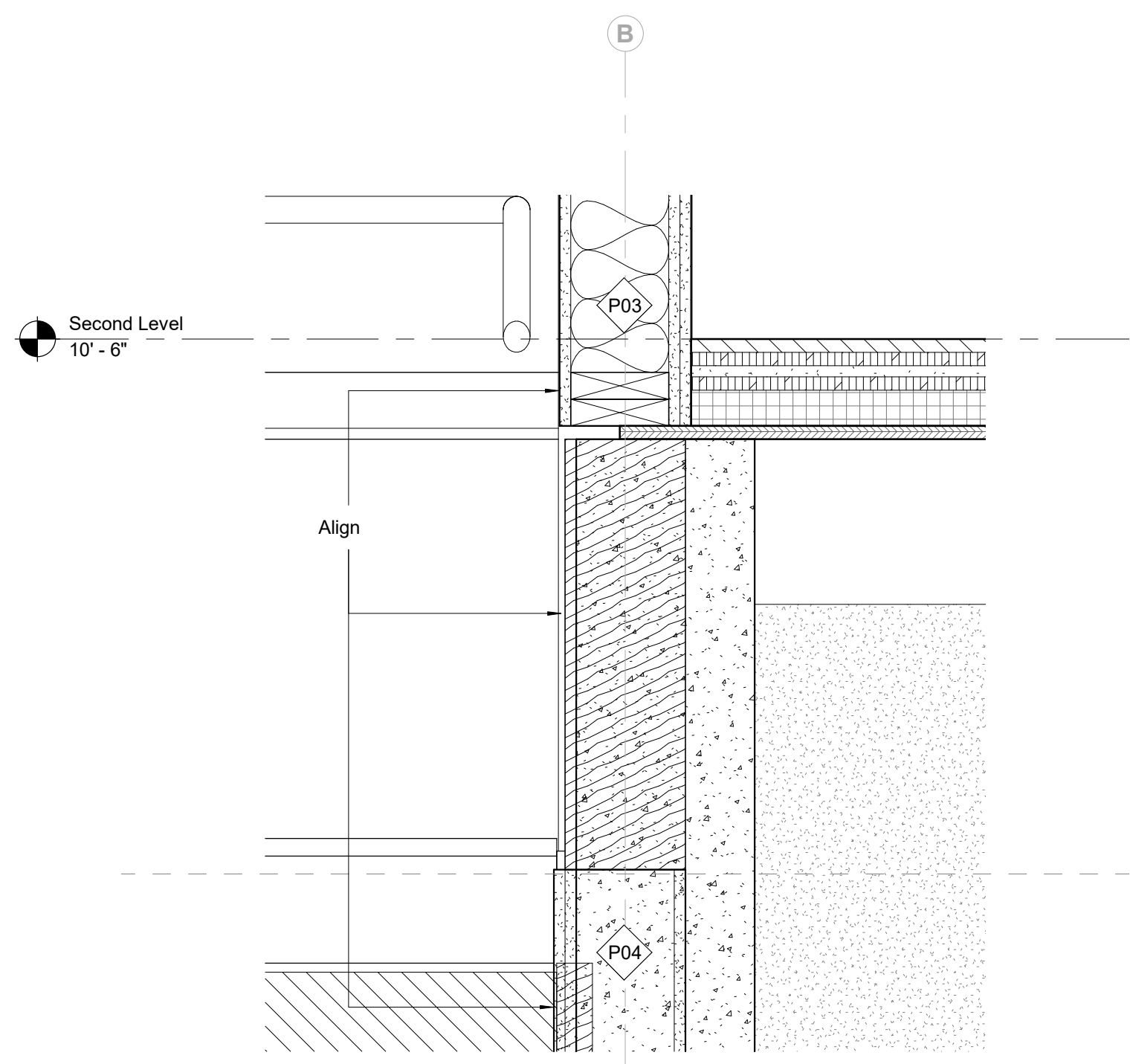
4 Interior Wall Section B - Callout 1
1 1/2" = 1'-0"



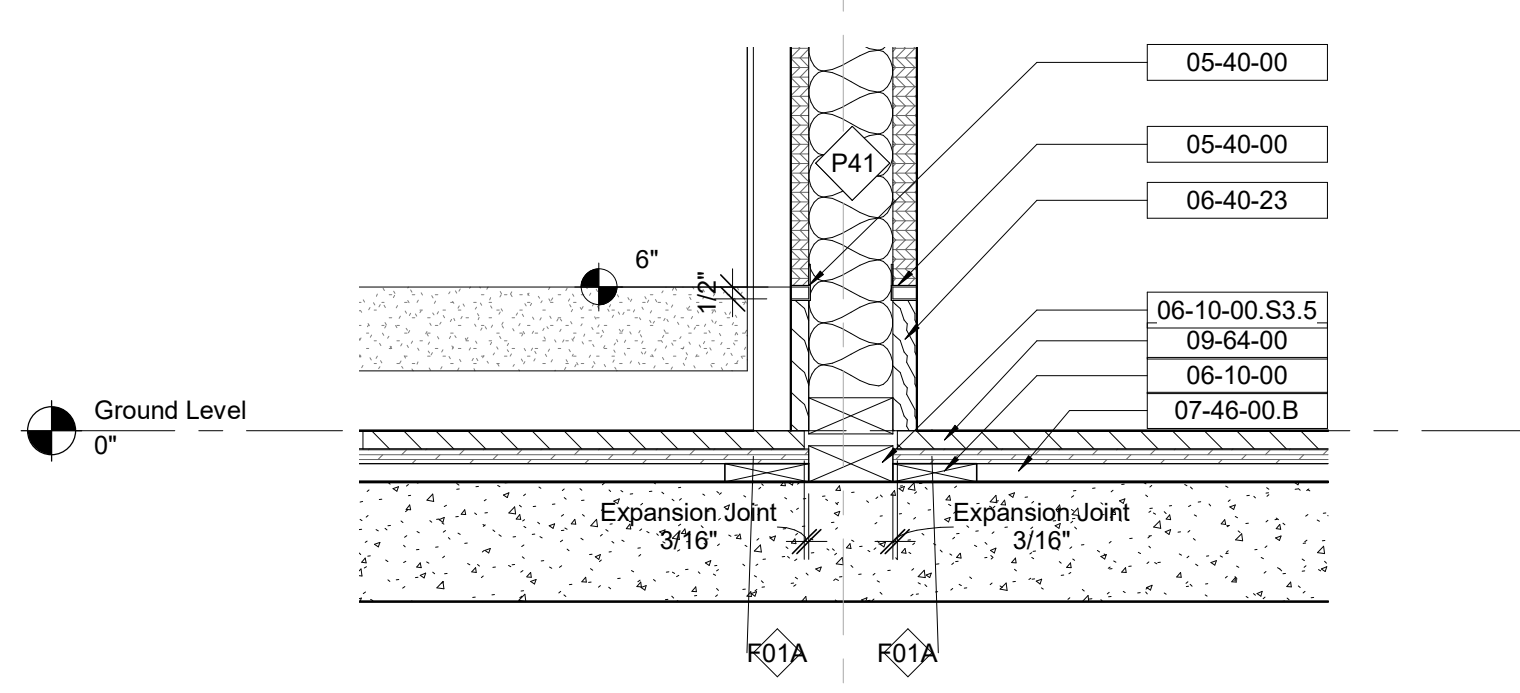
2 Interior Wall Section A - Callout 2
1 1/2" = 1'-0"



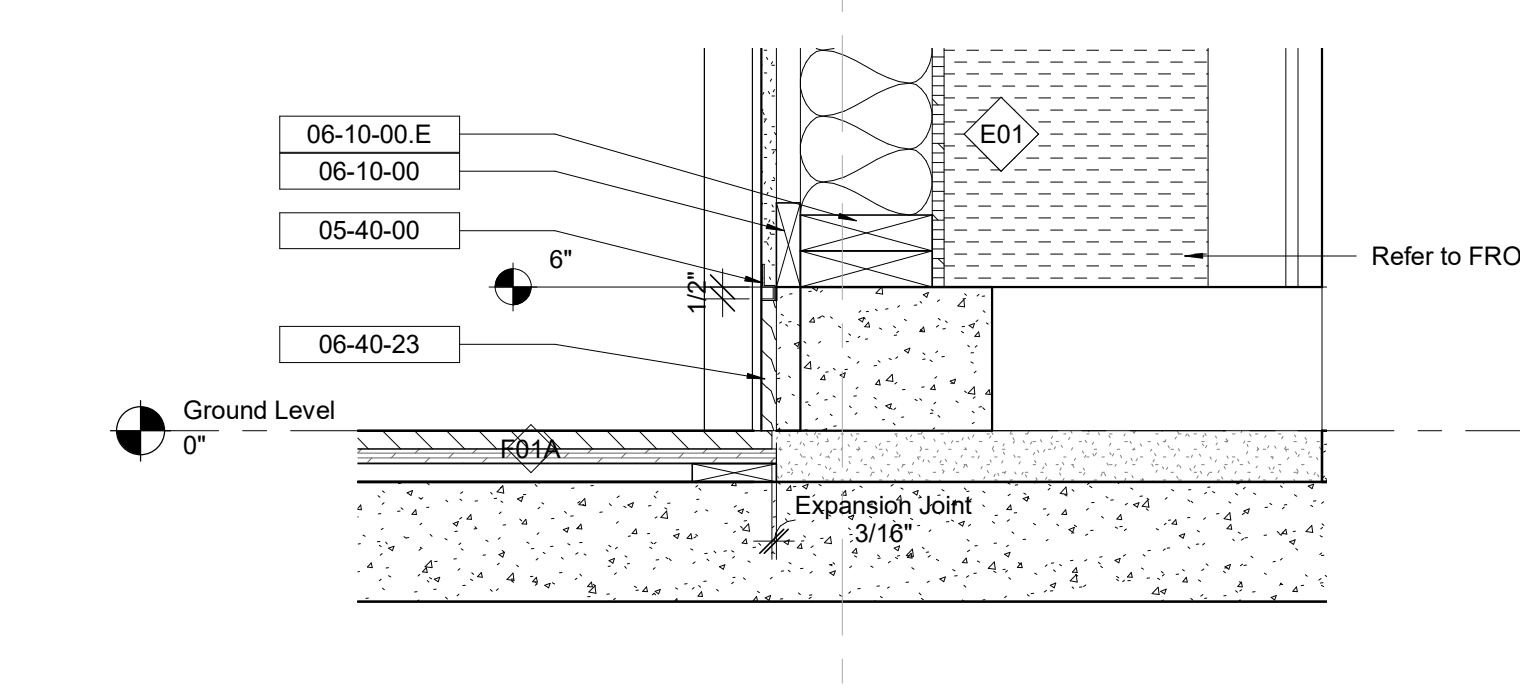
5 Interior Wall Section B - Callout 2
1 1/2" = 1'-0"



7 Interior Wall Section C - Callout 1
1 1/2" = 1'-0"



3 Interior Wall Section A - Callout 3
1 1/2" = 1'-0"



6 Interior Wall Section B - Callout 3
1 1/2" = 1'-0"

Keynote Legend	
Keynote	Description
05-40-00	Cold-Formed Metal Framing
06 11 00.D1	
06-10-00.E	Wood Blocking

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Key Plan

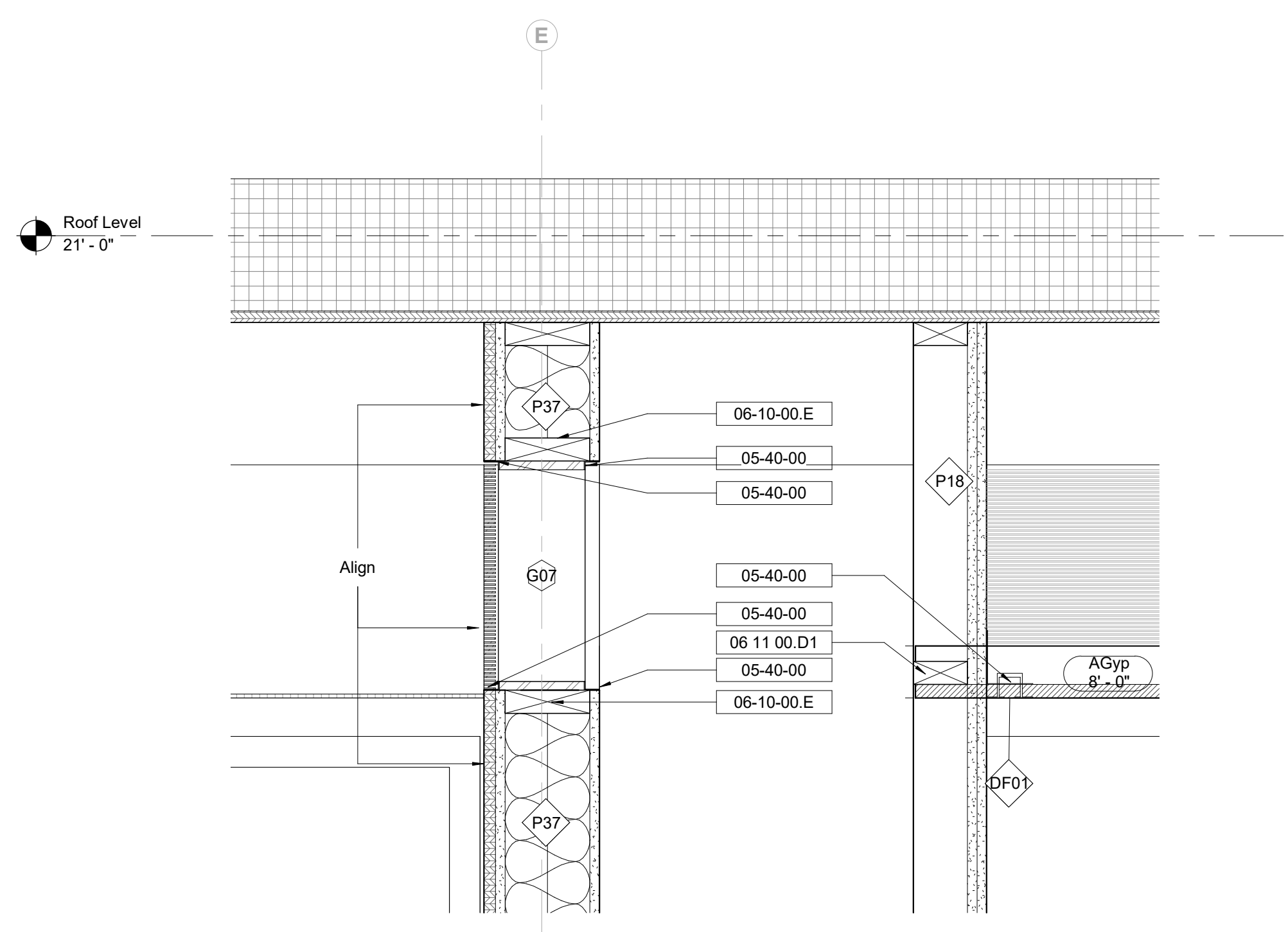
Description	Date
50% Construction Documents	11/06/20

Project
Storm King
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**Administration
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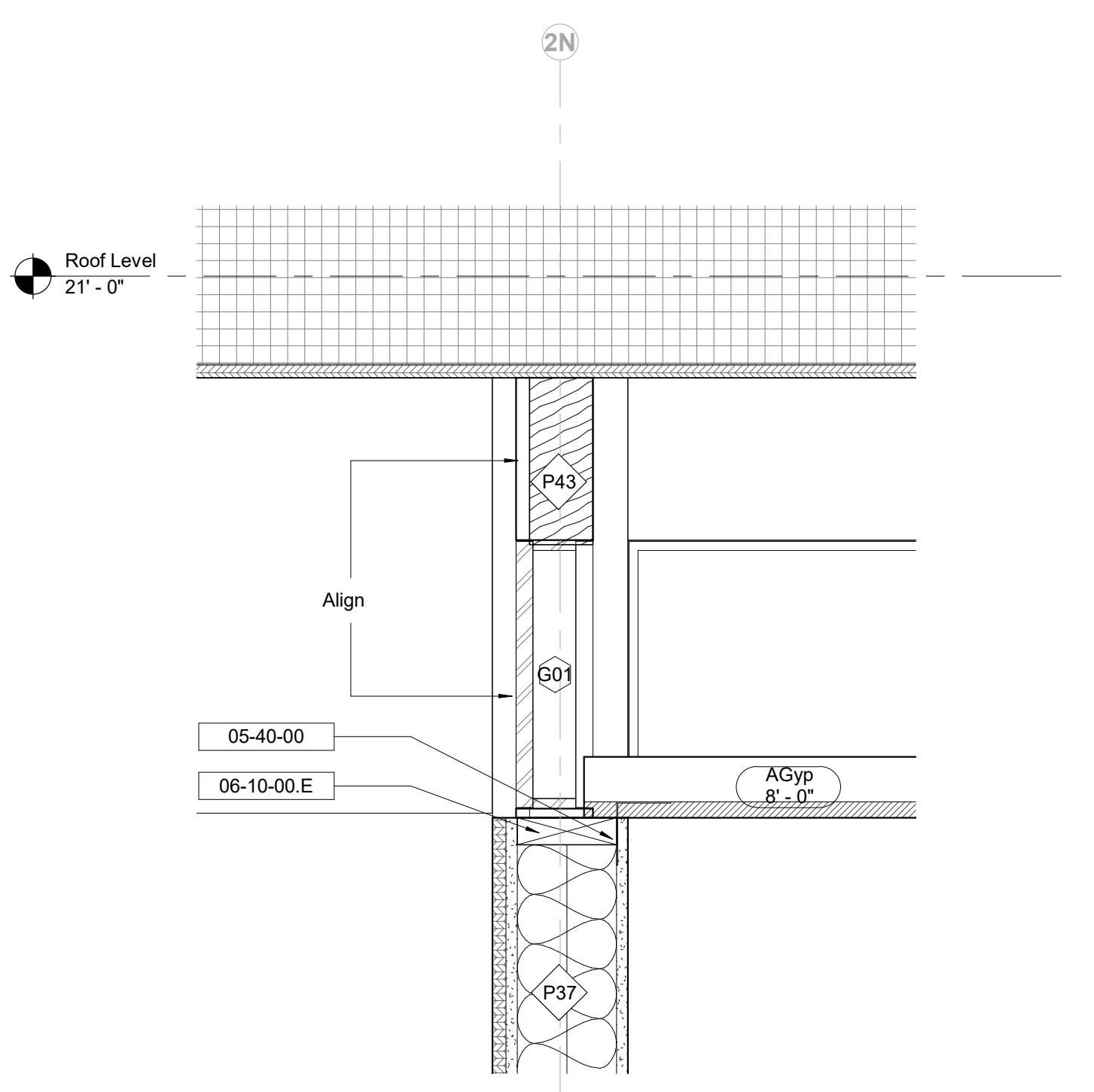
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Interior Details

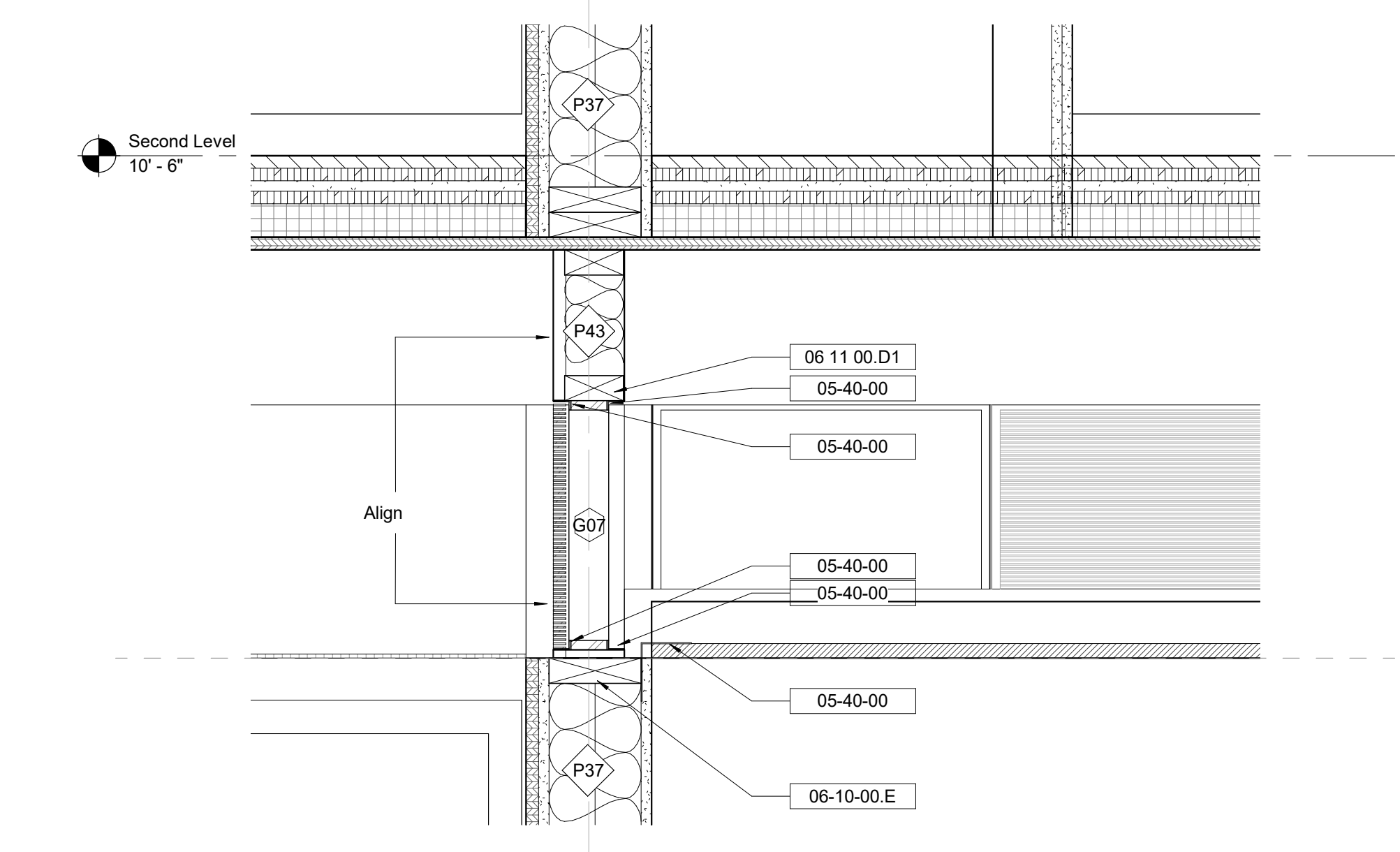
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Sheet Size	ARCH D



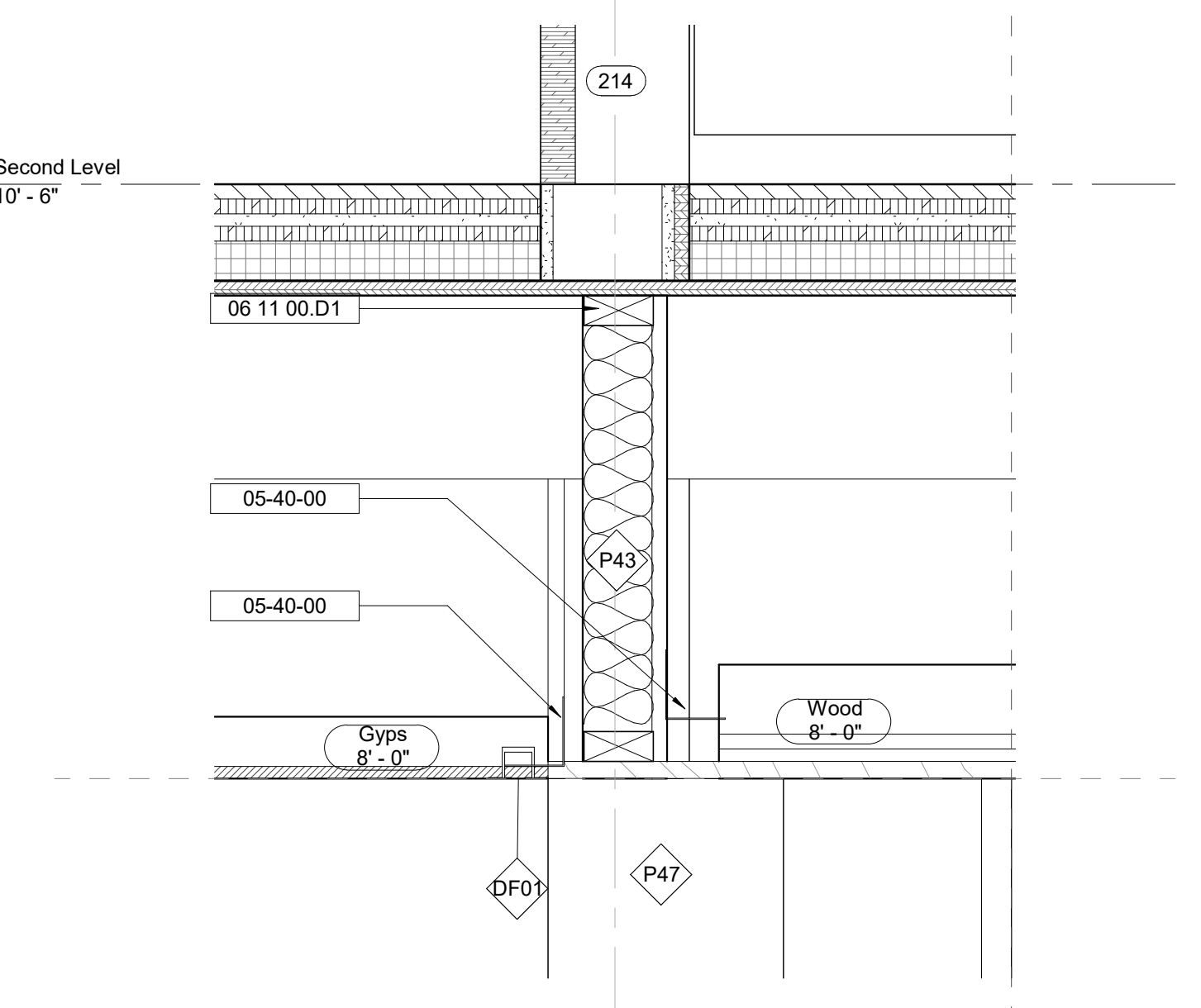
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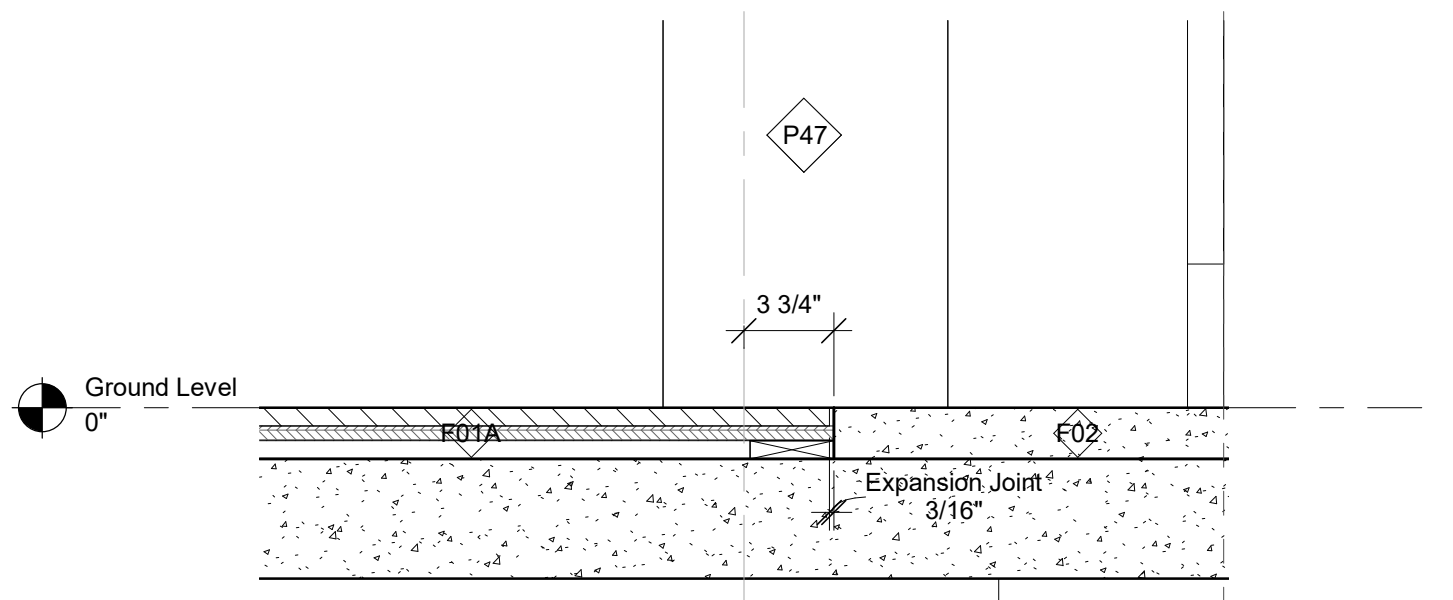
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1 1/2" = 1'-0"



2 Interior Wall Section D - Callout 2
1 1/2" = 1'-0"



3 Interior Wall Section F - Callout 1
1 1/2" = 1'-0"



4 Interior Wall Section F - Callout 2
1 1/2" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FINISH - FLOOR	FINISH - BASE	FINISH - CEILING	FINISH - N WALL	FINISH - S WALL	FINISH - E WALL	FINISH - W WALL
-------------	-----------	----------------	---------------	------------------	-----------------	-----------------	-----------------	-----------------

Ground Level								
101	Meeting Large	Hardwood Flooring	Painted Wood	Acoustic Ceiling Panel	Glazing	Glazing	Painted Gypsum	Painted Gypsum
102	Furniture & Bulk Storage	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
103	Lounge	Hardwood Flooring	Painted Wood/ Wood	Acoustic Ceiling Panel	White Oak Plywood	Painted Gypsum	Glazing	Glazing
104	Bulk Storage	Hardwood Flooring	Painted Wood/ Wood	N/A	Painted Gypsum	White Oak Plywood	Painted Gypsum	Painted Gypsum
105	Coats	Hardwood Flooring	Wood	N/A	White Oak Plywood	White Oak Plywood	White Oak Plywood	White Oak Plywood
106	ADA RR	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
107	Service Pantry	2" x 2" Floor Tile	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
108	Restroom	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
109	Pantry	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Glazing	White Oak Plywood
110	Circulation	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	N/A	White Oak Plywood	White Oak Plywood
111	Custodian	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	Painted Gypsum	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
112	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
113	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
114	Stair 01	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum		White Oak Plywood	Painted Gypsum
115	Elevator							
116	Mail Room	2" x 2" Floor Tile	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
117	Vestibule	Walk Off Grill	N/A	External Wood Cladding	External Wood Cladding	External Wood Cladding	Glazing	Glazing
118	Reception	Polished Concrete	N/A	Grade A Structural Plywood & Joists	External Wood Cladding	External Wood Cladding	Glazing	Glazing
119	Lobby	Polished Concrete	N/A	Grade A Structural Plywood & Joists	External Wood Cladding	External Wood Cladding	Glazing	Glazing
120	Open Work Area	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	White Oak Plywood	Painted Gypsum	N/A	N/A
121	Meet Medium	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Glazing
122	Open Office	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	White Oak Plywood	Glazing
123	Future Growth	Hardwood Flooring	Wood	Grade A Structural Plywood & Joists	White Oak Plywood	White Oak Plywood	N/A	N/A
124	Open Office	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Glazing	White Oak Plywood
125	Cash	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Glazing
126	Security	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Painted Gypsum
127	VS Storage	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
128	Copy	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	N/A	N/A
129	Locker Room	Polished Concrete	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
130	Stair 02	Polished Concrete	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
131	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
132	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
133	Restroom	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
134	Shower	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
135	ADA Shower	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
136	Cloak	Polished Concrete	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	N/A	Painted Gypsum	Painted Gypsum
137	Fire Pump	Sealed Concrete	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
138	Mechanical / Plumbing	Sealed Concrete	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
139	Emergency Electrical	Sealed Concrete	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
140	Electrical	Sealed Concrete	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
141	WC	Sealed Concrete	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum

Second Level								
201	Open Office	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Glazing	Glazing	Painted Gypsum
202	Meet Exec	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Glazing
203	Meet Medium	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Glazing
204	Meet Small	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Glazing
205	Stair 01	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	White Oak Plywood	Painted Gypsum
206	Tea Kitchen	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	White Oak Plywood	Painted Gypsum	Painted Gypsum
207	Restroom	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
208	Circulation	Hardwood Flooring	Wood	Grade A Structural Plywood & Joists	White Oak Plywood	N/A	White Oak Plywood	White Oak Plywood
209	Elevator Mechanical	2" x 2" Floor Tile	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
210	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
211	Toilet	2" x 2" Floor Tile	Tile To Floor	Gypsum Board Hung Ceiling	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile	2" x 2" Wall Tile
212	Elevator							
213	Nursing	2" x 2" Floor Tile	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
214	Nursing	2" x 2" Floor Tile	Painted Wood	Gypsum Board Hung Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
215	OWA	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	N/A	Painted Gypsum	White Oak Plywood	Glazing
216	Storage	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
217	IT	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
218	Copy	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	White Oak Plywood	Painted Gypsum	N/A	N/A
219	Meet Small	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Painted Gypsum	Glazing
220	Meet Small	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	Glazing	Painted Gypsum
221	Open Office	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Glazing	White Oak Plywood
222	Open Office	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	White Oak Plywood	Glazing
223	Future Growth	Hardwood Flooring	Wood	Grade A Structural Plywood & Joists	White Oak Plywood	White Oak Plywood	N/A	N/A
224	Library	Hardwood Flooring	Painted Wood	Applied Acoustic Ceiling	Painted Gypsum	Painted Gypsum	N/A	N/A
225	Library	Hardwood Flooring	Painted Wood/ Wood	Grade A Structural Plywood & Joists	Painted Gypsum	White Oak Plywood	N/A	N/A
226	Stair 02	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
227	Bulk Storage	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
228	Processing & Scholar	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum
229	Archive	Hardwood Flooring	Painted Wood	Grade A Structural Plywood & Joists	Painted Gypsum	Painted Gypsum	Painted Gypsum	Painted Gypsum

FINISH LEGEND

Specification Section	Key Name	Material	Manufacturer	Model/Series	Distributor	Size/Thickness	Color	Remarks
CARPET								
	CP-1	RECESSED ENTRY MAT						
	CP-2	CARPET TILE						
	CP-3	CARPET TILE						
	CP-4	CARPET TILE						

INTERIOR GLASS & GLAZING								
	GL-1	STARPHIRE CLEAR GLASS						
	GL-2	BACKPAINTED GLASS / CAST						
	GL-3	BACKPAINTED GLASS / CAST						
	GL-4	STARPHIRE MIRROR GLASS						
	GL-5	FROSTED GLASS PARTITION						
	GL-6	BACK-PAINTED GLASS						

METAL								
	MT-1	ALUMINUM (BUILDING FACADE)						
	MT-2	BLACKENED STEEL						
	MT-3	STAINLESS STEEL						

PAINT & STAIN								
	PT-1	TYPICAL CEILING PAINT						
	PT-1A							
	PT-2	TYPICAL WALL PAINT						
	PT-3	TYP TRIM, INTERIOR DOORS, BASE, MILLWORK						
	PT-4	DRY ERASE PAINT						
	PT-5							
	PT-5A							
	PT-6							

PLASTER								
	PL-1							
	PL-2							

PLASTIC LAMINATE								
	PLAM-1							

RESILIENT FLOORING								
	RF-1	LINOLEUM FLOOR TILE						
	RF-2	RESILIENT FLOOR TILE						
	RF-3	RESILIENT FLOOR TILE						
	RF-4A	RUBBER / CORK TILE - DUPLICATE TL-7?						
	RF-4B							
	RF-4C							

SOLID SURFACE MATERIAL								
	SF-1	MARCITE MIXTURE						
	SS-1	QUARTZ SURFACE MATERIAL						
	SS-2	QUARTZ SURFACE MATERIAL						

STONE								
	ST-1	LIMESTONE						
	ST-2	MARBLE						
	ST-3							

TILE								
	TL-1	TERRAZZO TILE						
	TL-2	CERAMIC TILE						
	TL-3	CERAMIC TILE						
	TL-4	CERAMIC TILE						
	TL-5	RECYCLED CERAMIC TILE						
	TL-6	GLASS MOSAIC						
	TL-7	CORK TILE						

WALLCOVERING								
	WC-1	WALLCOVERING						
	WC-2	WALLCOVERING						
	WC-3	WALLCOVERING						
	WC-4	WALLCOVERING						

WINDOW TREATMENT								
	WT-1	MOTORIZED ROLLER SHADE						
	WT-2	MOTORIZED ROLLER SHADE						

WOOD FLOOR								
	WDF-1	END-GRAIN BLOCK FLOORING						

WOOD VENEER								
	WD-1	TEAK VENEER						
	WD-2	OAK VENEER						
	WD-3	WALNUT VENEER						
	WD-4	CEDAR VENEER						

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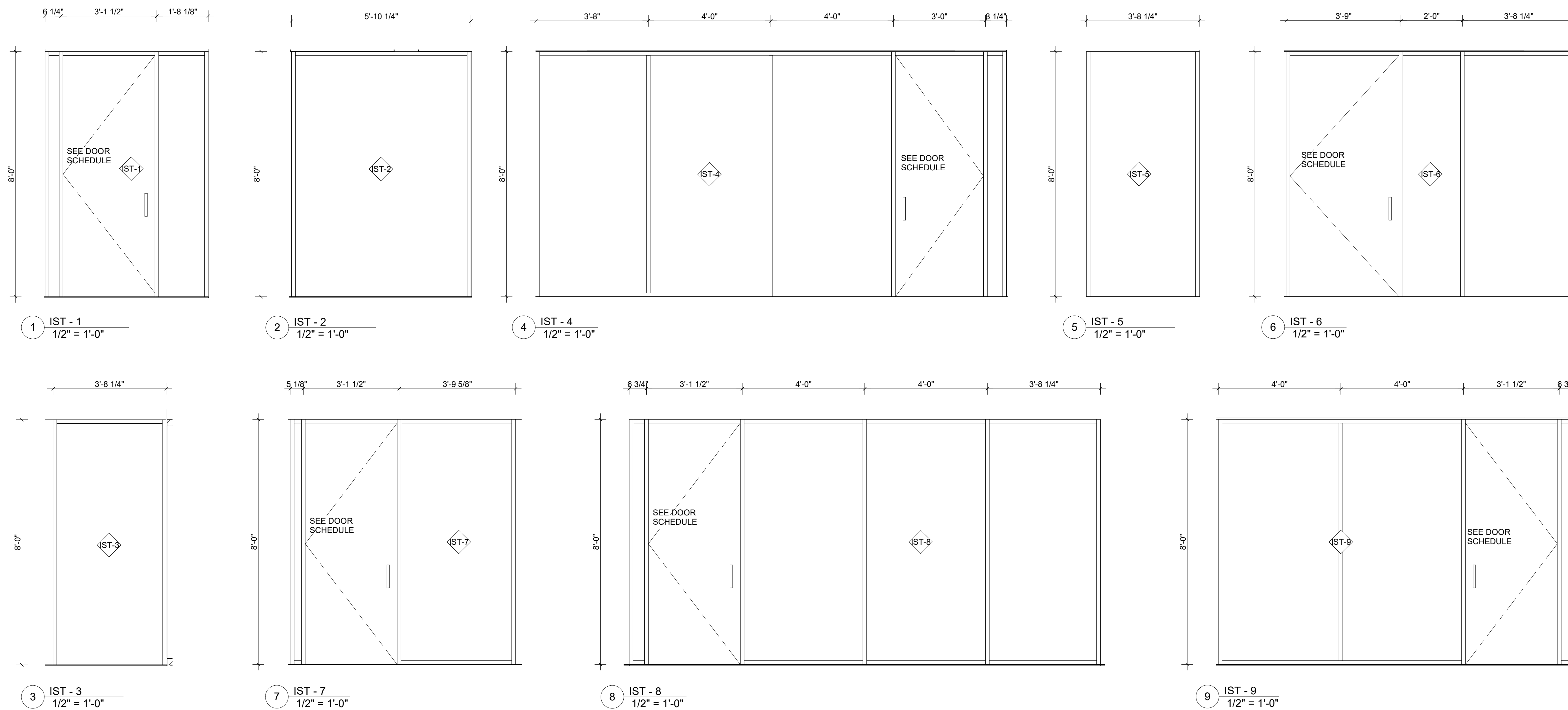
Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

NOT FOR CONSTRUCTION
Drawing Title
Room & Finish Schedule

Date	11/06/20
Scale	Not to Scale
Drawing Number	A-A-701
Sheet Size	ARCH D



NOTES:
Standard Notes Follow.

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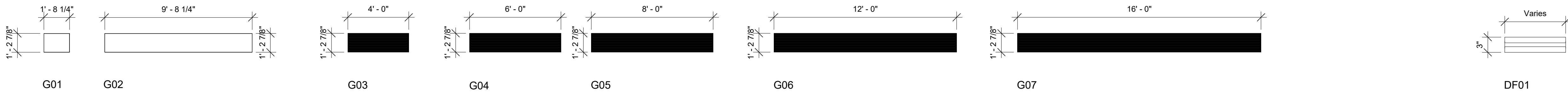
Key Plan

Keynote Legend

Keynote	Description
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INTERIOR GLAZING SCHEDULE							
STOREFRONT SYSTEM TAG	COUNT	DESCRIPTION	WIDTH	HEIGHT	FRAME MATERIAL	Heat Transfer Coefficient (U)	Thermal Resistance (R)
IST-1	2			8' - 0"			
IST-2	1			8' - 0"			
IST-3	2			8' - 2 1/8"			
IST-4	1			8' - 0"			
IST-5	4			8' - 0"			
IST-6	2			8' - 0"			
IST-7	2			8' - 0"			
IST-8	1			8' - 0"			
IST-9	2			8' - 0"			
IST-10	2			8' - 0"			

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20



Grille Schedule									
Grille Type	Count	Description	Width	Height	Frame Material	Frame Finish	Heat Transfer Coefficient (U)	Solar Heat Gain Coefficient	Thermal Resistance (R)
G01	58	Linear Bar Grille	1' - 8 1/4"	1' - 2 7/8"	Aluminium	Black Anodised			
G02	3	Linear Bar Grille	9' - 8 1/4"	1' - 2 7/8"	Aluminium	Black Anodised			
G03	2	Linear Bar Grille	4' - 0"	1' - 2 7/8"	Aluminium	Black Anodised			
G04	1	Linear Bar Grille	6' - 0"	1' - 2 7/8"	Aluminium	Black Anodised			
G05	1	Linear Bar Grille	8' - 0"	1' - 2 7/8"	Aluminium	Black Anodised			
G06	14	Linear Bar Grille	12' - 0"	1' - 2 7/8"	Aluminium	Black Anodised			
G07	13	Linear Bar Grille	16' - 0"	1' - 2 7/8"	Aluminium	Black Anodised			

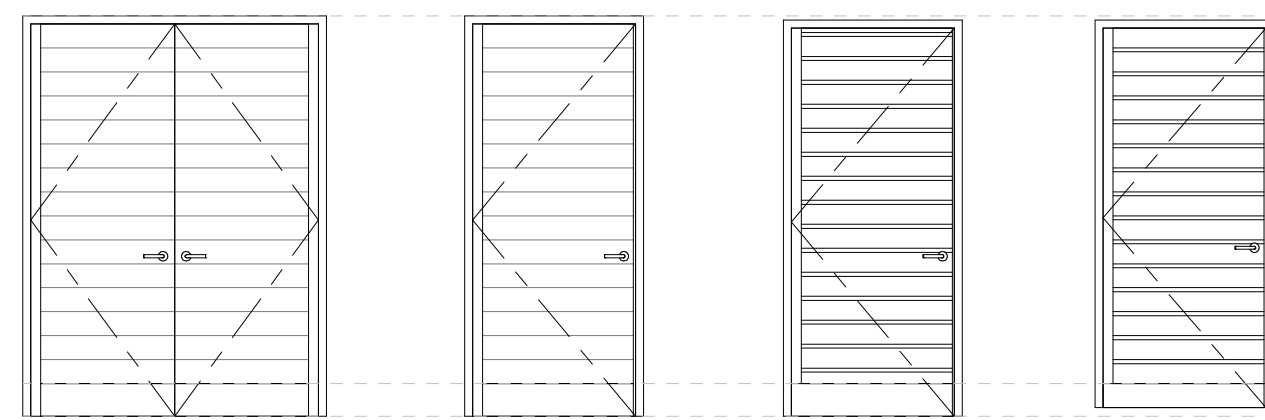
Diffuser Schedule			
Diffuser Type	Count	Description	Comments
DF01	35	Linear Slot Diffuser	Length Varies

Project
Storm King Art Center Administration Building

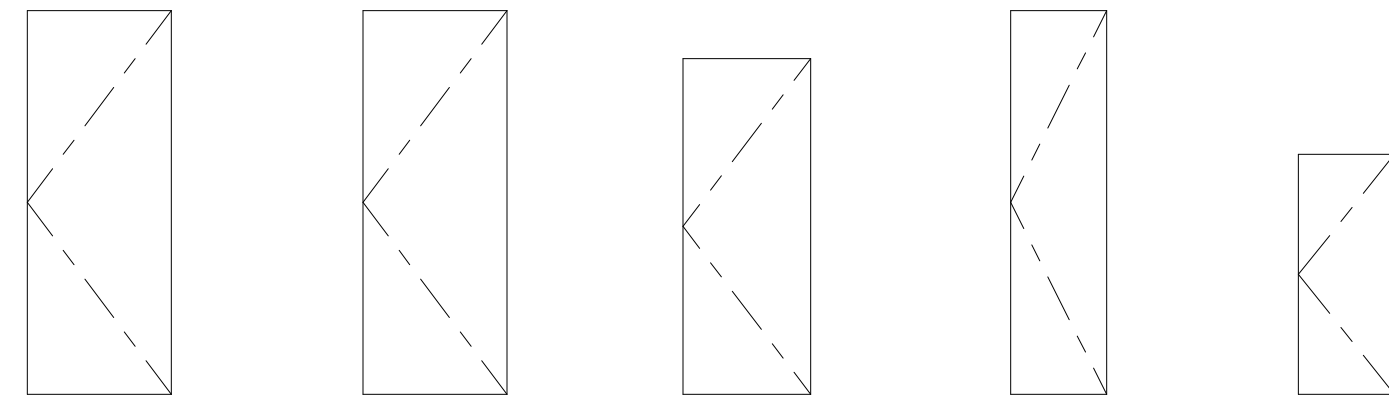
Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Glazing Schedule

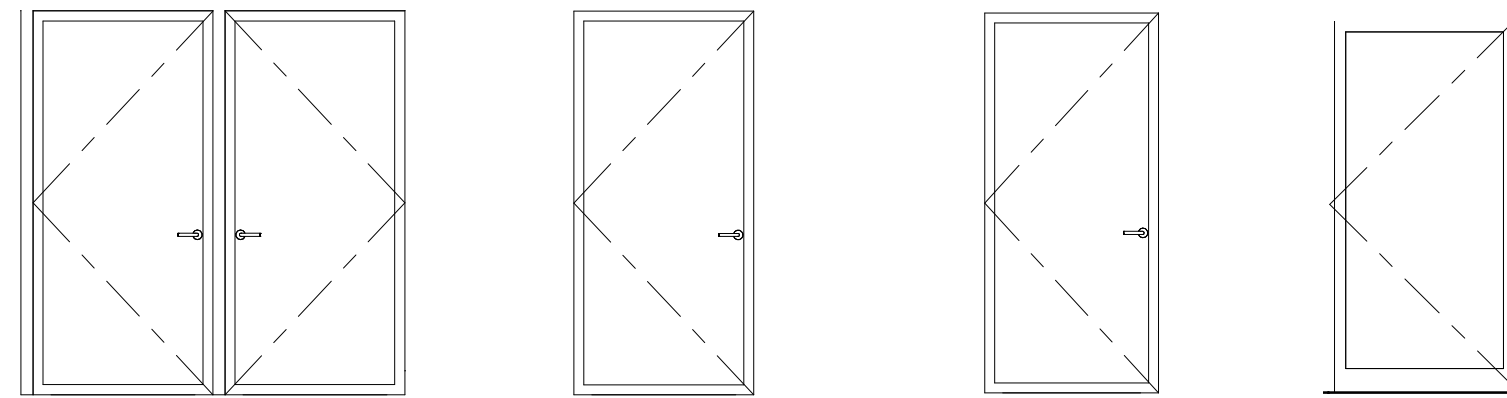
Date	11/06/20
Scale	As indicated
Drawing Number	A-A-703
Sheet Size	ARCH D



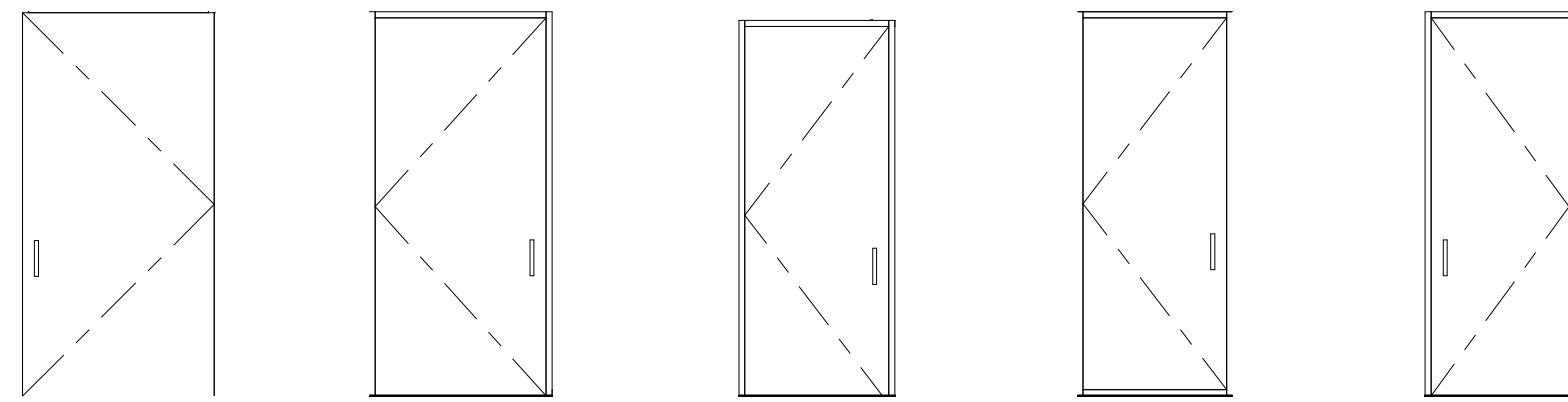
A01 A02 A03 A04



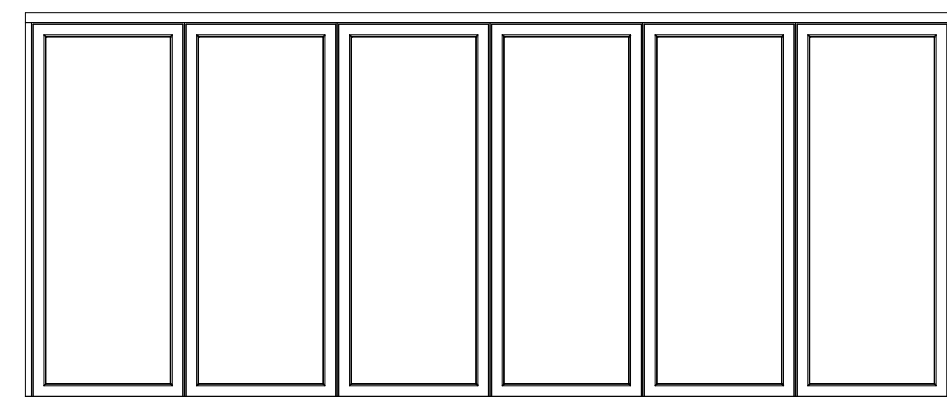
B01 B02 B03 B04 B05



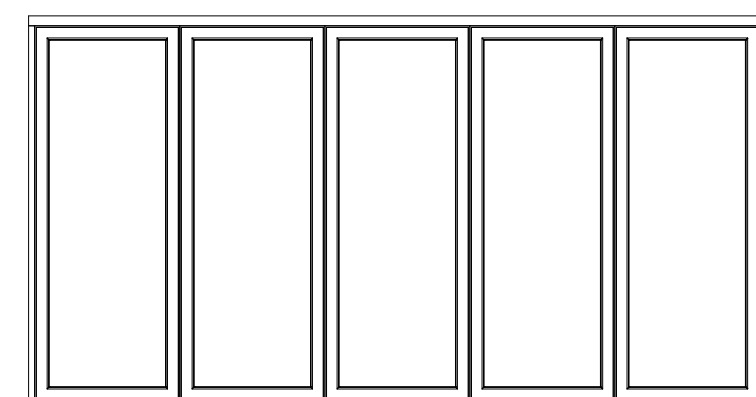
C01 C02 C03 C04



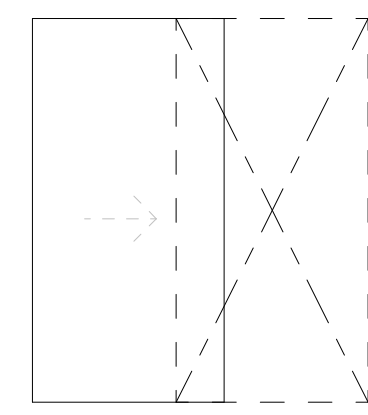
D01 D02 D03 D04 D05



E01



E02



E03

DOOR SCHEDULE

NUMBER	DOOR TYPE	WIDTH	HEIGHT	THICKNES S	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	COMMENT S
102	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
103.1	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
103.2	E01	19' - 4 1/2"	8' - 0"	2 1/2"	Glass/Wood		Wood			
103.3	E02	15' - 4 1/2"	8' - 0"	2 1/2"	Glass/Wood					
103.4	E03	4' - 6"	8' - 0"	1 1/2"	Glass					
104	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
105.1	B04	2' - 0"	8' - 0"	1"	Wood	Sealed		Sealed		
105.2	B04	2' - 0"	8' - 0"	1"	Wood	Sealed		Sealed		
105.3	B04	2' - 0"	8' - 0"	1"	Wood	Sealed		Sealed		
105.4	B04	2' - 0"	8' - 0"	1"	Wood	Sealed		Sealed		
105.5	B05	2' - 0"	5' - 0"	1"	Wood	Sealed		Sealed		
105.6	B05	2' - 0"	5' - 0"	1"	Wood	Sealed		Sealed		
105.7	B05	2' - 0"	5' - 0"	1"	Wood	Sealed		Sealed		
106	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
110	D04	3' - 0"	7' - 9"	1"	Glass					
112	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
113	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
114	A04	3' - 4 3/4"	7' - 11"	2"	Wood to Match Cladding		Wood			
117.1	C04	3' - 11 1/2"	7' - 10 1/4"	2"	Glass/Wood		Wood			
117.2	D01	4' - 0"	8' - 0"	1"	Glass					
118	E03	4' - 6"	8' - 0"	1 1/2"						
121	D05	2' - 10 1/2"	7' - 10 1/2"	1"						
122	D03	3' - 0"	7' - 10 1/2"	1"	Glass					
125	D02	3' - 6 3/4"	7' - 10 1/2"	1"						
126	D02	3' - 6 3/4"	7' - 10 1/2"	1"						
127	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
129	A04	3' - 4 3/4"	7' - 11"	2"	Wood to Match Cladding		Wood			
130.1	A04	3' - 4 3/4"	7' - 11"	2"	Wood to Match Cladding		Wood			
130.2	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
131	B03	2' - 8"	7' - 0"	2"	Wood	Painted	Wood	Painted		
132	B03	2' - 8"	7' - 0"	2"	Wood	Painted	Wood	Painted		
133	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
134	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
135	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
136	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
137	A02	3' - 4 3/4"	8' - 2 1/8"	2"						
138	A02	3' - 4 3/4"	8' - 2 1/8"	2"						
139	A02	3' - 4 3/4"	8' - 2 1/8"	2"						
140.1	A03	3' - 4 3/4"	8' - 1 1/8"	2"	Wood to Match Cladding		Wood			
140.2	A01	6' - 0"	8' - 2 1/8"	2"						
142	C02	3' - 9"	8' - 0"	3"						
143	C02	3' - 9"	8' - 0"	3"						
144	C02	3' - 9"	8' - 0"	3"						
145	C02	3' - 9"	8' - 0"	3"						
146	C03	3' - 7 1/2"	7' - 11"	3"						
147	C02	3' - 9"	8' - 0"	3"						
148	C03	3' - 9"	8' - 0"	3"						
128	D03	3' - 0"	7' - 10 1/2"	1"	Glass					
202	D03	3' - 0"	7' - 10 1/2"	1"						
203	D03	3' - 0"	7' - 10 1/2"	1"						
204	D03	3' - 0"	7' - 10 1/2"	1"						
209	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
210	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
211	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
213	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
214	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
216	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
217	B01	3' - 0"	8' - 0"	1 3/4"	Wood	Sealed	Wood	Sealed		
219	D03	3' - 0"	7' - 10 1/2"	1"						
220	D03	3' - 0"	7' - 10 1/2"	1"						
226	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
227	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		
229	B02	3' - 0"	8' - 0"	1 3/4"	Wood	Painted	Wood	Painted		

NOTES:

1008.4.3
All operable windows shall be equipped with sash locks design to be operable from the inside only. Grilles lockable from the inside only may be placed on the inside or outside of windows that are accessible from grade but that do not serve to provide access to exits.

ECC 502.4.1
Air leakage of window and door assemblies shall be determined accordance with AAMA/WDMA/CSA 101/I.S.2/A440, of NRFC 400 by an accredited independent lab, and labelled and certified by the manufacturer, and shall not exceed 0.3cm per SF and swinging doors no more than 0.5cfm per DF.

ECC 502.4.2
Curtain wall, storefront glazing, and commercial-glazed swinging entrance doors shall be tested for air leakage at 1.57 PSD in accordance with ASTM E283. For curtain walls and storefront glazing, the max. air leakage rates shall be 0.3 cfm per SF of fenestration area. For commercial glazed swinging entrance doors, the max. air leakage rate shall be 1.00 cf per SF of door area when tested in accordance with ASTM E283.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Door Schedule

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	A-A-704
Sheet Size	ARCH D

Specialty Equipment Schedule									
Family	Type	Count	Level	Room: Name	Room: Number	Room: Occupancy	Keynote	Type Comments	Type Mark
Ground Level									
		4	Ground Level						
ADA RR		7	Ground Level	ADA RR	106				
ADA Shower		10	Ground Level	ADA Shower	135		10-28-00		
Cash									
ComputerMonitor_3D	20" Screen	2	Ground Level	Cash	125			MOVE TO EQ	
Copy									
SKG_Printer_Canon_iR_C2_620_3978	SKG_Printer_Canon_iR_C2620_3978	2	Ground Level	Copy	128				SEQ_CP
Electrical									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	1	Ground Level	Electrical	140				
Elevator									
ELEVATOR-single cab centered	Elevator Cab	1	Ground Level	Elevator	115				ELEV 1
Emergency Electrical									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	1	Ground Level	Emergency Electrical	139				
Fire Pump									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	1	Ground Level	Fire Pump	137				
IT									
SKG_Wood_Burning_Stove_18166	Wood_Burning_Stove_18166 2	1	Ground Level	IT	217		10-30-00	MOVE TO EQ	
Locker Room									
Locker_Package	Locker_Package	33	Ground Level	Locker Room	129		10-51-13		LKR-1
Lounge									
		2	Ground Level	Lounge	103				
Mail Room									
SKG_Printer_Canon_iR_C2_620_3978	SKG_Printer_Canon_iR_C2620_3978	1	Ground Level	Mail Room	116				SEQ_CP
Mechanical / Plumbing									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	1	Ground Level	Mechanical / Plumbing	138				
Open Office									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	2	Ground Level	Open Office					
Pantry									
		6	Ground Level	Pantry	109				
Security									
ComputerMonitor_3D	20" Screen	3	Ground Level	Security	126			MOVE TO EQ	
Service Pantry									
SK_FIRE_EXTINGUISHER_CABINET_SURFACE_MOUNTED	9 1/2 x 4 1/2 x 24"	1	Ground Level	Service Pantry	107				
Shower									
		5	Ground Level	Shower	134				
Toilet									
		12	Ground Level	Toilet					
Second Level									
Archive									
		2	Second Level	Archive	229				
Bulk Storage									
Lapeyre_Stair_-_Roof_9346	14'-3"	1	Second Level	Bulk Storage	227		05-52-00		
Copy									
SKG_Printer_Canon_iR_C2_620_3978	SKG_Printer_Canon_iR_C2620_3978	2	Second Level	Copy	218				SEQ_CP
Elevator									
ELEVATOR-single cab centered	Elevator Cab	1	Second Level	Elevator	212				ELEV 1
IT									
ComputerMonitor_3D	20" Screen	1	Second Level	IT	217			MOVE TO EQ	
Meet Medium									
SKG_ADMIN_Pantry Microwave	24" x 13" x 19"	1	Second Level	Meet Medium	203			Integrated	
Nursing									
SKG_ADMIN_Pantry Fridge Undercounter_Integrated	20"	2	Second Level	Nursing					SEQ_FR2

Specialty Equipment Schedule									
Family	Type	Count	Level	Room: Name	Room: Number	Room: Occupancy	Keynote	Type Comments	Type Mark
Open Office									
		4	Second Level	Open Office					
Processing & Scholar									
		4	Second Level	Processing & Scholar	228				
Tea Kitchen									
		2	Second Level	Tea Kitchen	206				
Toilet									
		6	Second Level	Toilet					

Equipment & Accessories Legend			
Type Mark	Item	ADA Compliant	Comments
PF-TP1	Faucet Set		
TA-03	Grab Bar A		
TA-05	Grab Bar B		
TA-15	Mirror		
TA-27	Paper Tower Dispenser		
TA-06	Sanitary Napkin Receptacle		
PF-12	Sink A		
PF-11	Sink B		
PF-08	Sink C		
TA-12	Soap Dispenser		
PF-01	Toilet		
TA-04	Toilet Paper Holder		
PF-21	Water Fountain		

Lighting Fixture Legend								
Type Mark	Model	Fixture Finish	Fixture Wattage	Electrical Data	Lamp	Lamp Correlated Color Temperature	Lamp Wattage	Comments
	Xooline	WHITE			LED	3000K	8 W	
AD02	4.5" Round Deep Regress Downlight - B4RC	WHITE	33 W	120 V/1-33 VA	LED	3000K	33 W	
AL02w	ZL1N	Anodised Aluminum	384 W	120 V/1-384 VA	LED	3000K	48 W	
AL04	PG2 LED	WHITE			LED	3000K	10 W	
AL05	ZL1N	Anodised Aluminum	192 W	120 V/1-192 VA	LED	3000K	48 W	
AW02	22248		2 W	120 V/1-2 VA	LED		5 W	
AWS03	Palco In Out		16 W	120 V/1-16 VA	LED	3000K	16 W	
BL01	ZL1N	Anodised Aluminum	192 W	120 V/1-192 VA	LED	3000K	48 W	

Ground Level								
AH01	I.PLC S-930-WF-120-X-X			120 V/1-28 VA	LED, 3500K, 90+ CRI			
AL04	PG2 LED	WHITE			LED	3000K	10 W	
ATH1	M37			120 V/1-20 VA	LED, 3500K, 90+ CRI			

Second Level								
AT01				120 V/1-30 VA	LED, 3500K, 90+ CRI			
ATH1	M37			120 V/1-20 VA	LED, 3500K, 90+ CRI			
AW02	22248		2 W	120 V/1-2 VA	LED		5 W	

Roof Level								
AT01				120 V/1-30 VA	LED, 3500K, 90+ CRI			

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Equipment Schedule

Date	11/06/20
Scale	Not to Scale
Drawing Number	A-A-705
Sheet Size	ARCH D

FURNITURE SCHEDULE_MASTER								
Type Mark	Type	Keynote	Type Comments	Count	Model	Manufacturer	Power Sockets	Data Ports
	30D x 30W			2		Steelcase		
	Casters Pneumatic Hgt Adj	12-51-00	CHANGE TO STANDARD TASK CHAIR	1	EA335P	Herman Miller, Inc.		
LF_DW	36" x 10" x 40"			1				
LF_SLV1	36" x 10" x 72"			17				
LFI-CH01	bar_stool_186 9	12-51-00	BAR STOOL	14				
LFI-CL01	Chair - Scribble Lounge_1 1622	12-51-00	OFFICE LOUNGE CHAIR	4				
LFI-CM01	Chair-Breuer	12-51-00	OFFICE MEETING CHAIR	139				
LFI-CT01	Task Chair	12-51-00	OFFICE TASK CHAIR	81	CH01	Knoll, Inc.		
LFI-SS01	Love Seat	12-51-00	LOUNGE SOG	4		HighTower		
LFI-SU01	29D - 58W	12-51-00	OFFICE UNDERDESK STORAGE	119		Steelcase		
LFI-SU03	30D x 60W	12-51-00	OFFICE LOW SHELF	65		Steelcase		
LFI-TB01	Outdoor Table	12-51-00	BAR TABLE LOUNGE	1				
LFI-TB02	Outdoor Table	12-51-00	PANTRY TABLE & BENCH	1				
LFI-TB03	SALMON	12-51-00	LOW LOUNGE TABLE	3				
LFI-TD01	30D x 60W	12-51-00	STANDARD DESK	30		Steelcase		
LFI-TD02	30D x 60W	12-51-00	L-SHAPED DESK - TBC	11		Steelcase		
LFI-TM5	48"Diameter	12-51-00	MEETING ROOM TABLE ROUND SMALL	3				
LFI-TM12	6' x 8'	12-51-00	MEETING ROOM TABLE MEDIUM	2				
LFI-TM30	8' x 4'	12-51-00	MEETING ROOM TABLE LARGE	4				
LFI-TR04	36" Diameter	12-51-00	PANTRY TABLE LOW	6				

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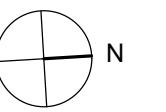
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title

Loose Furniture Schedule

Date 11/06/20

Scale

Drawing
Number **A-A-706**

Sheet Size ARCH D

CASEWORK SCHEDULE					
Type Mark	Description	Material Keynote	Count	Room: Name	Room: Number
FF_CTB	Counter Top Bathroom	09-74-00	5		
FF_CTF	Counter Top Furniture	09-76-00	11		
FF_CTK	Counter Top Kitchen	09-74-00	3		
FF_CW1	Under Counter Cabinet	09-76-00	8		
FF_CW2	Kitchen Cabinet Wall Hung	09-76-00	2		
FF_CW3	Under Counter Kitchen Cabinet	09-76-00	4		
FF_CW4	Kitchen Cabinet Wall Hung End	09-76-00	1	Pantry	109
FF_CW5	Under CounterKitchen Cabinet	09-76-00	2		
FF_CW6	Board Room Cabinet	09-76-00	1	Meeting Large	101
FF_CW7	Kitchen Cabinet Wall Hung End	09-76-00	8	Pantry	109
FF_CW8	Mailroom Shelving Unit	09-76-00	1	Mail Room	116
FF_CW09	Shelving Processing	09-76-00	1	Processing & Scholar	228
FF_CW10	Reception Desk	09-76-00	1	Reception	118
FF_CW11	Kitchen Cabinet Wall Hung	09-76-00	6		
FF_CW12	File Drawers	09-76-00	6		
FF_CW13	Kitchen Cabinet Wall Hung End	09-76-00	2		
FF_SLV1	OFC Low Desk Shelving	09-76-00	85		
FF_SLV2	OFC Wardrobe Shelving and Bench	09-76-00	1	Cloak	136
FF_SLV3	Library Wall Shelving integrated Door	09-76-00	1	Circulation	208
FF_WC2	OFC Full Height Wall Cabinet	09-76-00	5		
FF_WC3	Under Counter Cabinet	09-76-00	2	Future Growth	123
FF_WC5	Under Counter Cabinet	09-76-00	1	Copy	128
FF_WC7	Low Meeting Room Shelving	09-76-00	2	Meet Small	
FF_WC8	Meeting Room Cabinet	09-76-00	2	Meet Medium	
FF_WC9	Full Height Wall Cabinet	09-76-00	1	Tea Kitchen	206
FF_WS1	Library Wall Shelving With Seating	09-76-00	2	Library	224
FF_WS2	Library Wall Shelving	09-76-00	1	Library	224
FF_WS3	Library Wall Shelving	09-76-00	2	Library	225
FFU_KCW 2	Prep Panry Kitchen Unit	09-76-00	2		
FFU_PCW 1	Kitchen Casework Unit Pantry	09-76-00	1	Pantry	109
FFU_WC1	OFC Full Height Cabinet with inbuilt Sink	09-76-00	1	Copy	218
Grand total:	171		171		

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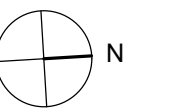
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Key Plan



Description Date
50% Construction Documents 11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

**Drawing Title
Casework Schedule**

Date 11/06/20

Scale

Drawing Number **A-A-708**

Sheet Size ARCH D

Keynote Legend	
Keynote	Description
06-10-00.S6	Stud - 2x6" Nominal
07-21-00.A	Mineral Wool Insulation
07-27-26	Fluid-Applied Membrane Air and Vapor Barriers
07-46-00.A2	Abodo "Pearl" Board - 5x7/8" Actual
07-46-00.A3	Abodo "Pearl" Board - 6x1" Nominal
07-46-00.B	Furring Strip - 3 1/2x3/4"
07-46-00.C	Plywood Sheating - 1/2"
09-22-04.B	Thermoplastic Membrane Roofing
	5/8" Gypsum Wall Board - Acoustic

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Key Plan

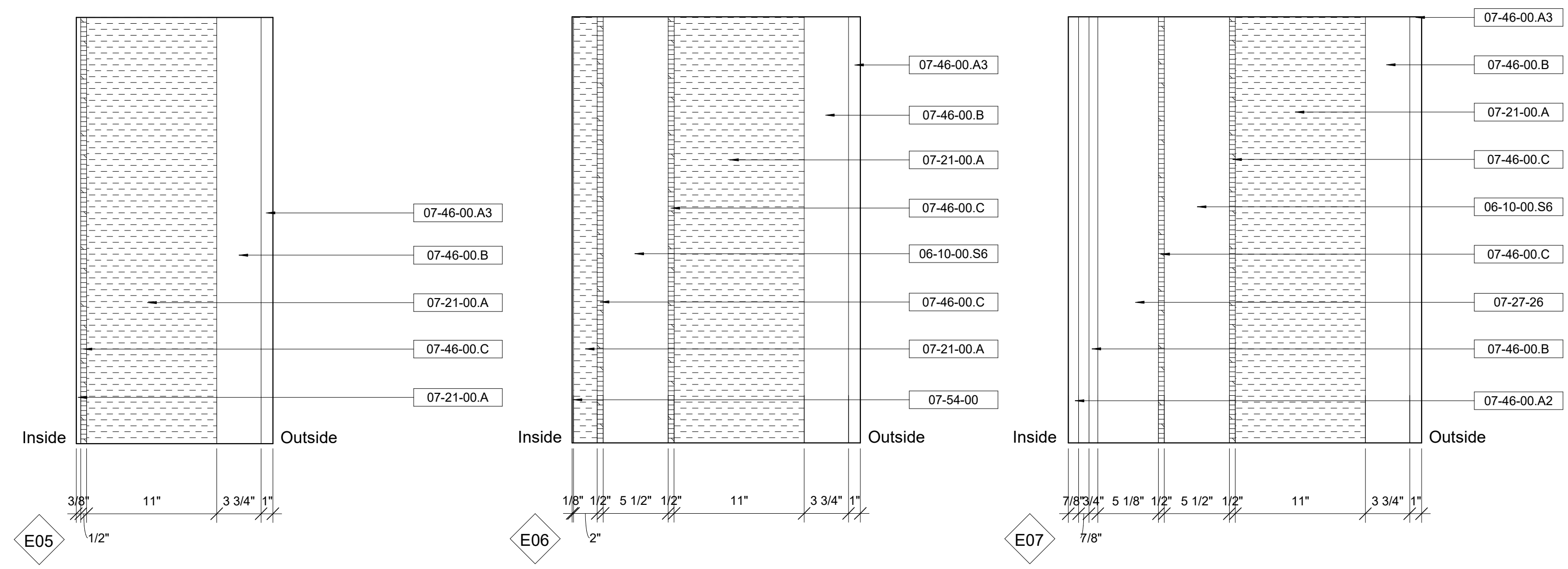
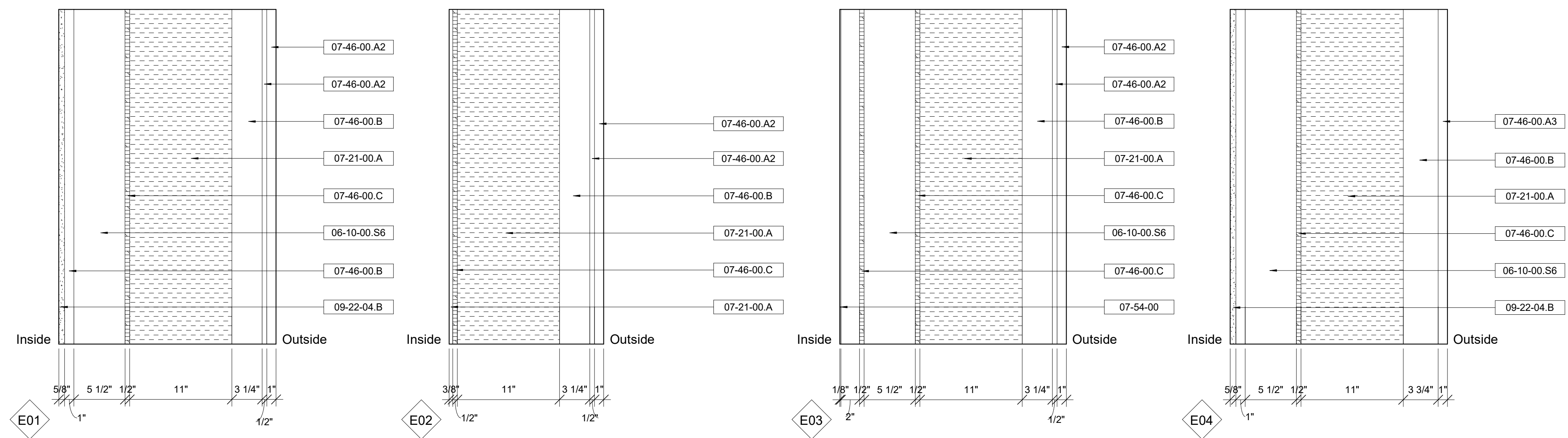
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50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

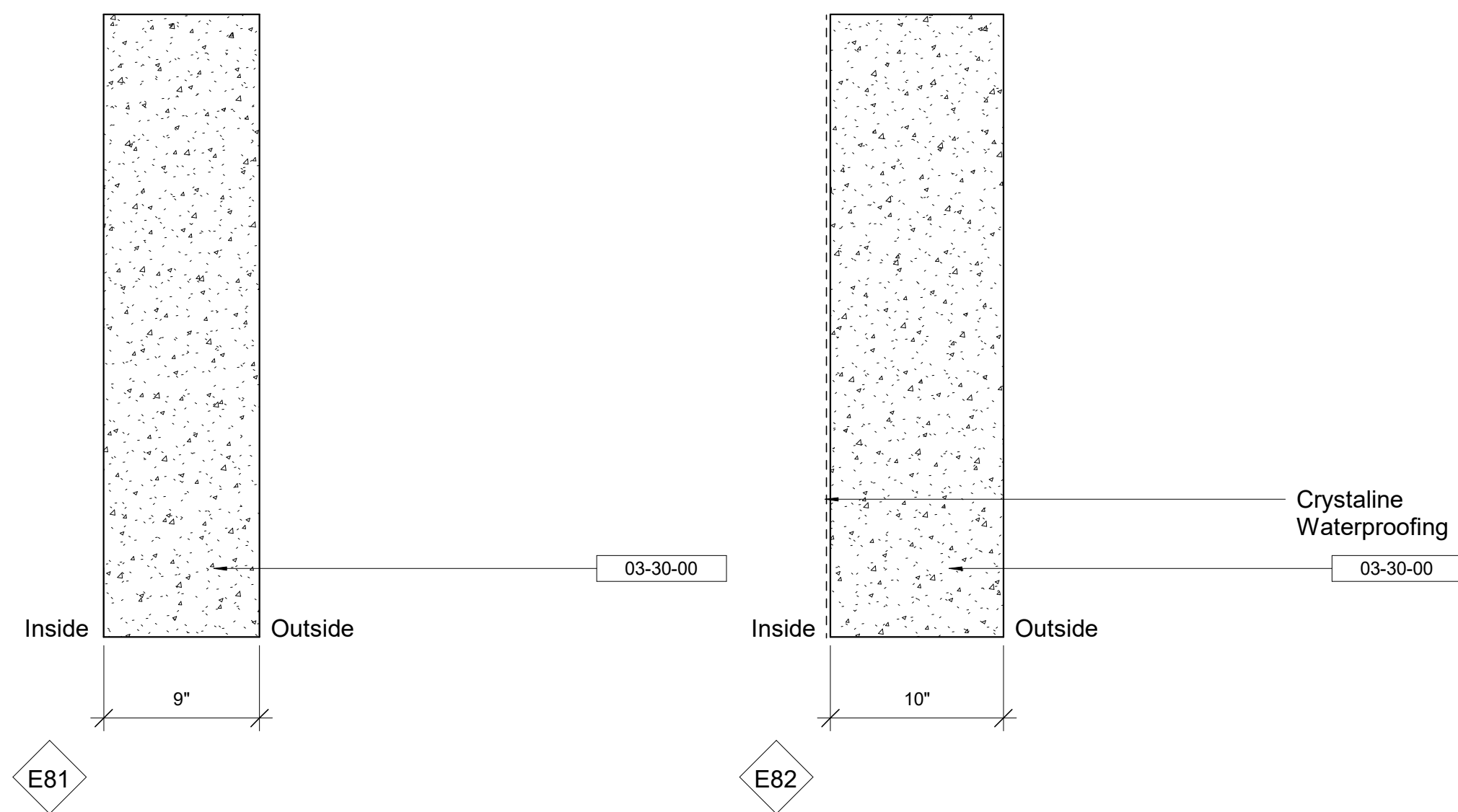
Project
Storm King
Art Center
Administration
Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Exterior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-711
Sheet Size	ARCH D





Keynote Legend	
Keynote	Description
03-30-00	Cast-In-Place Concrete

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Key Plan

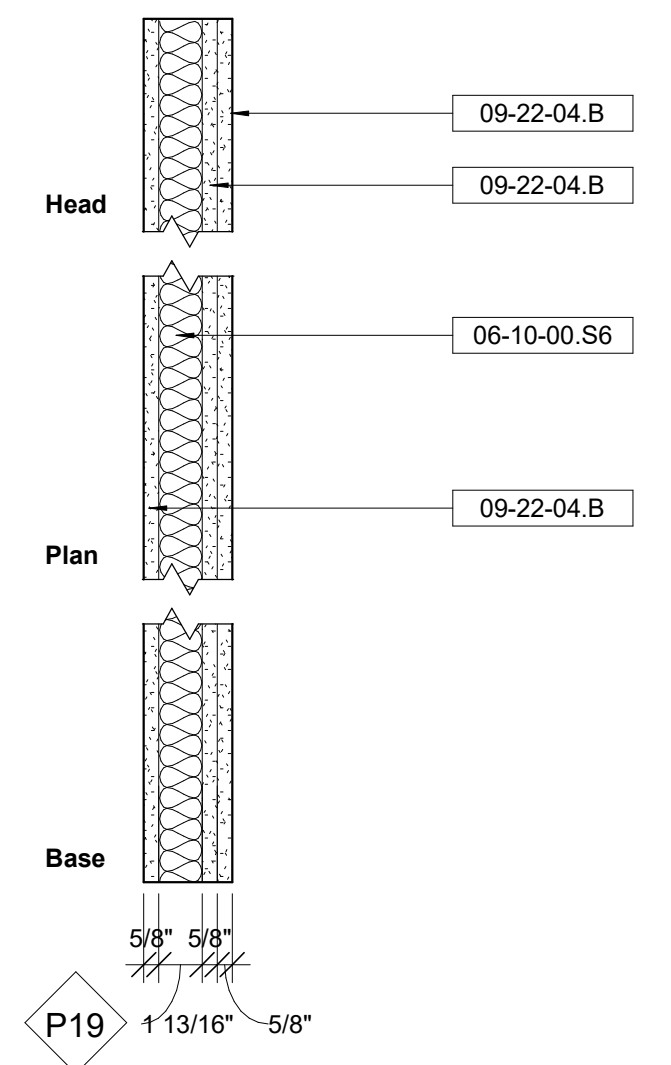
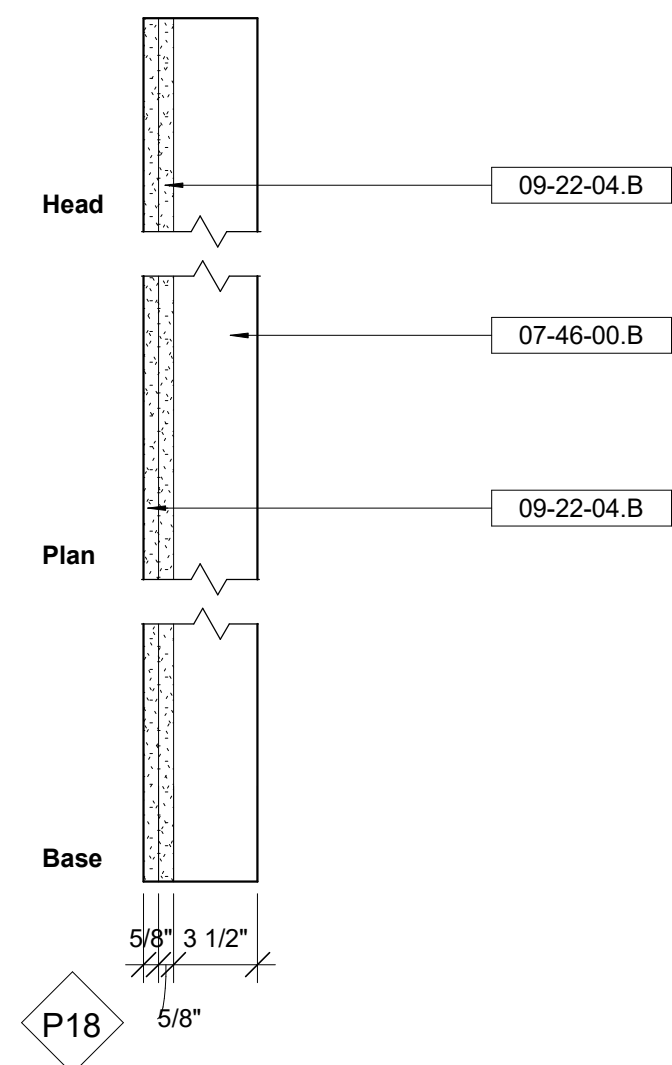
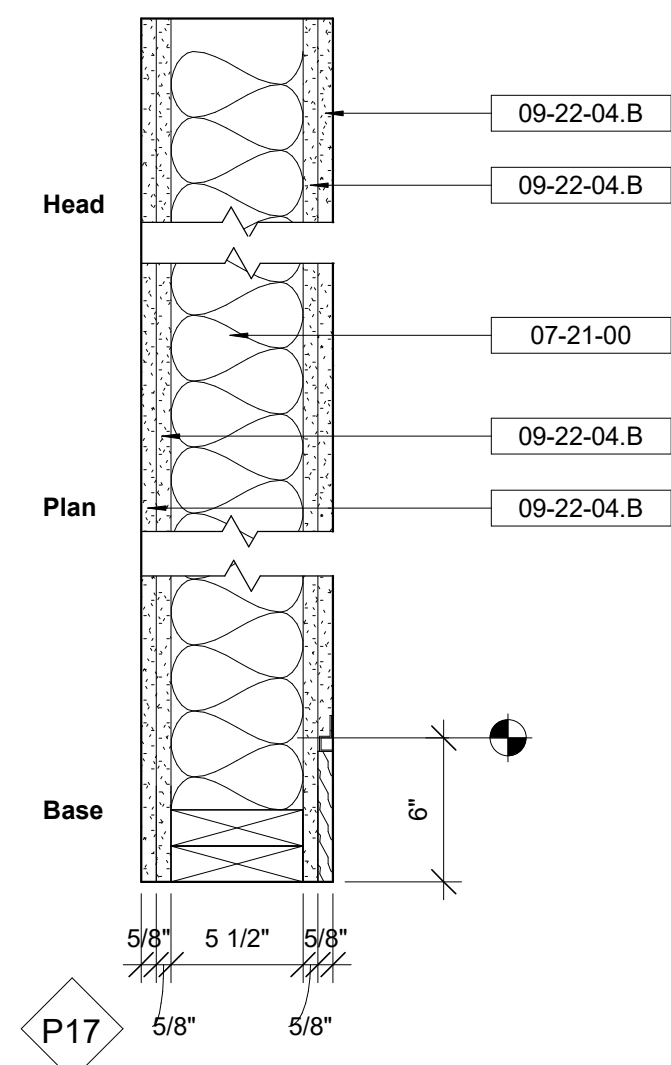
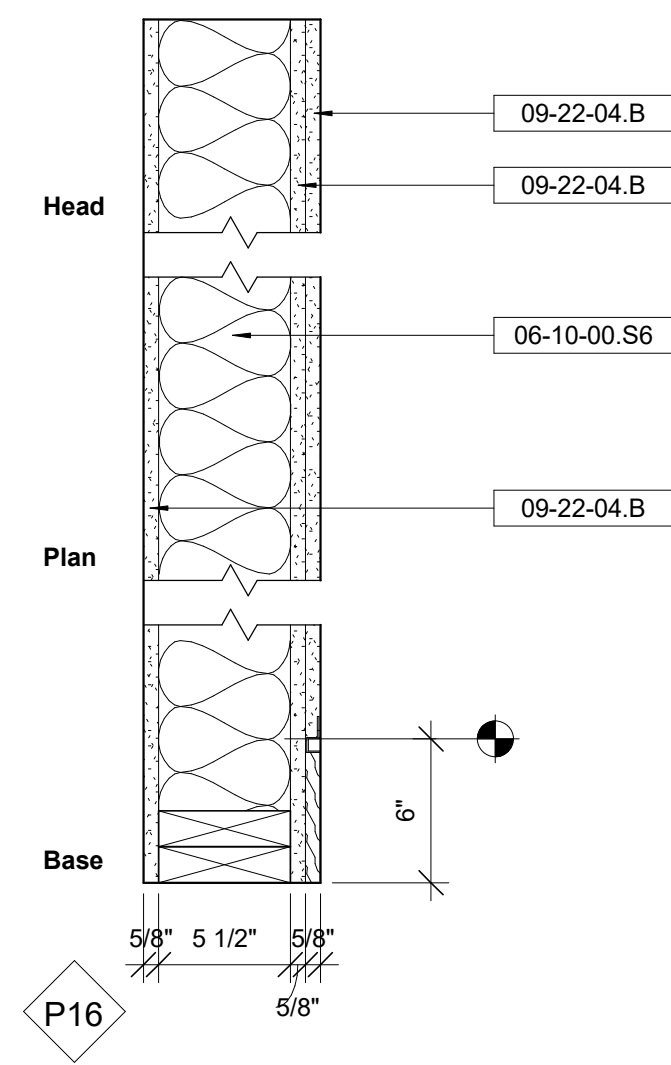
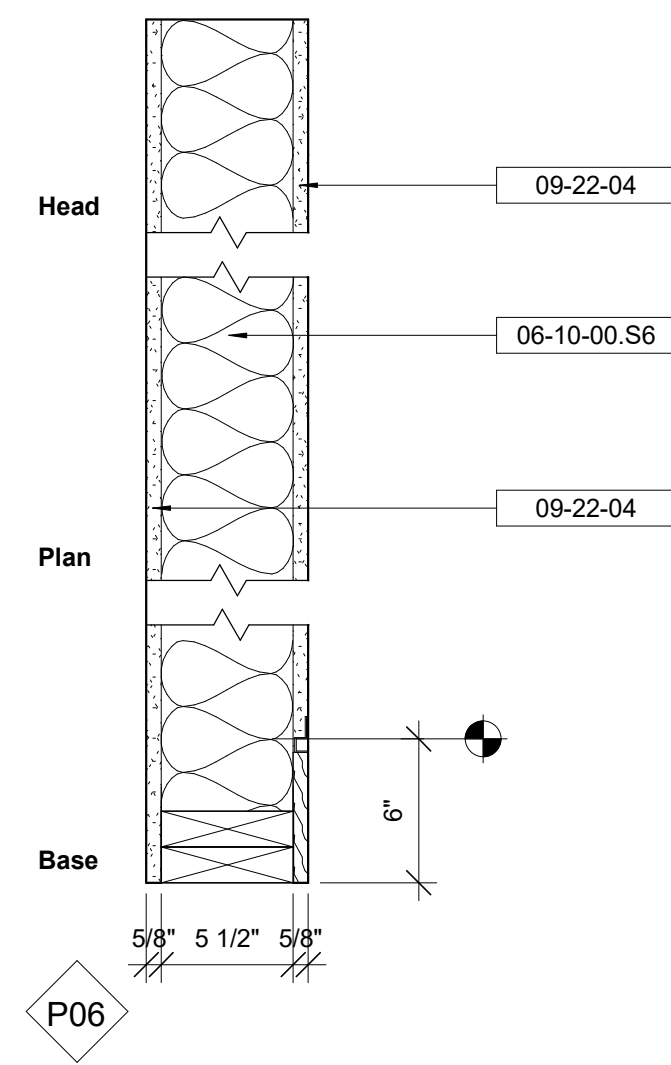
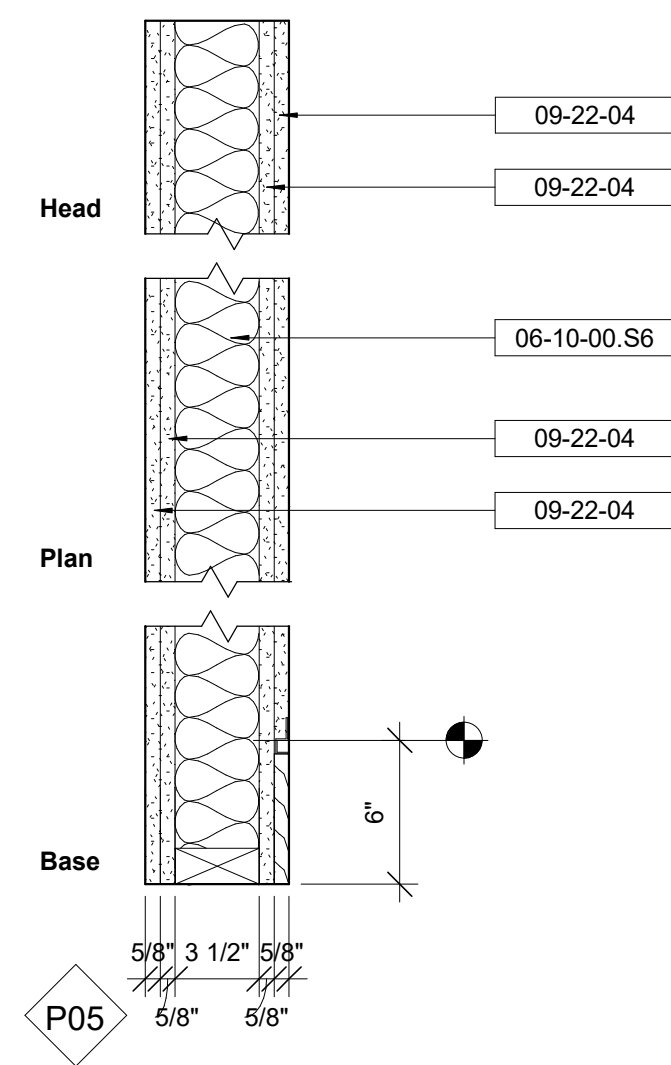
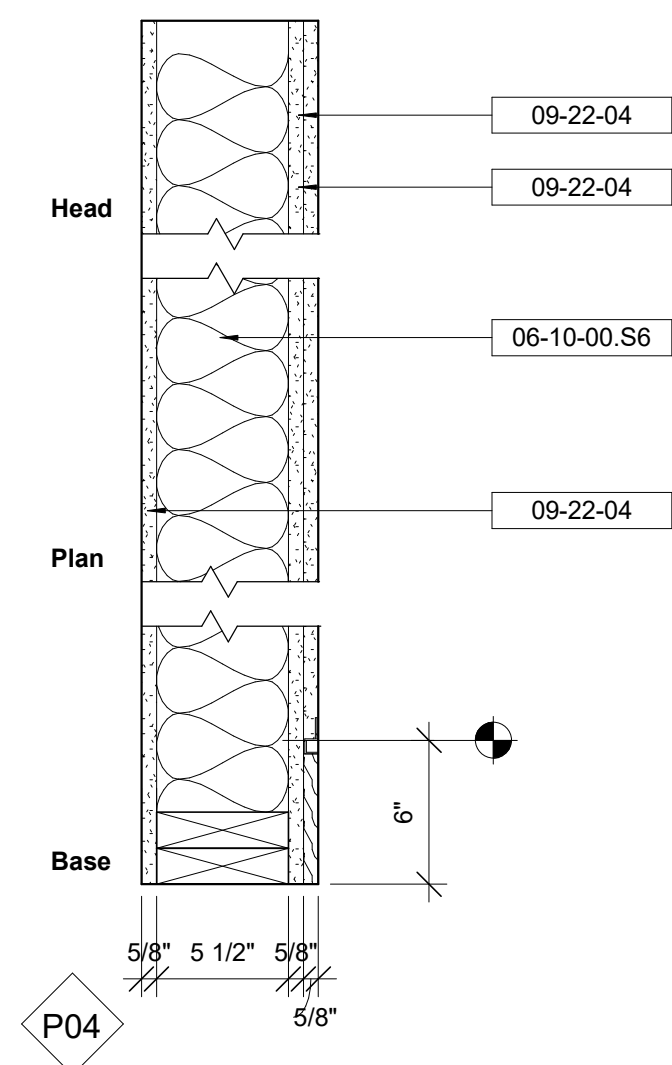
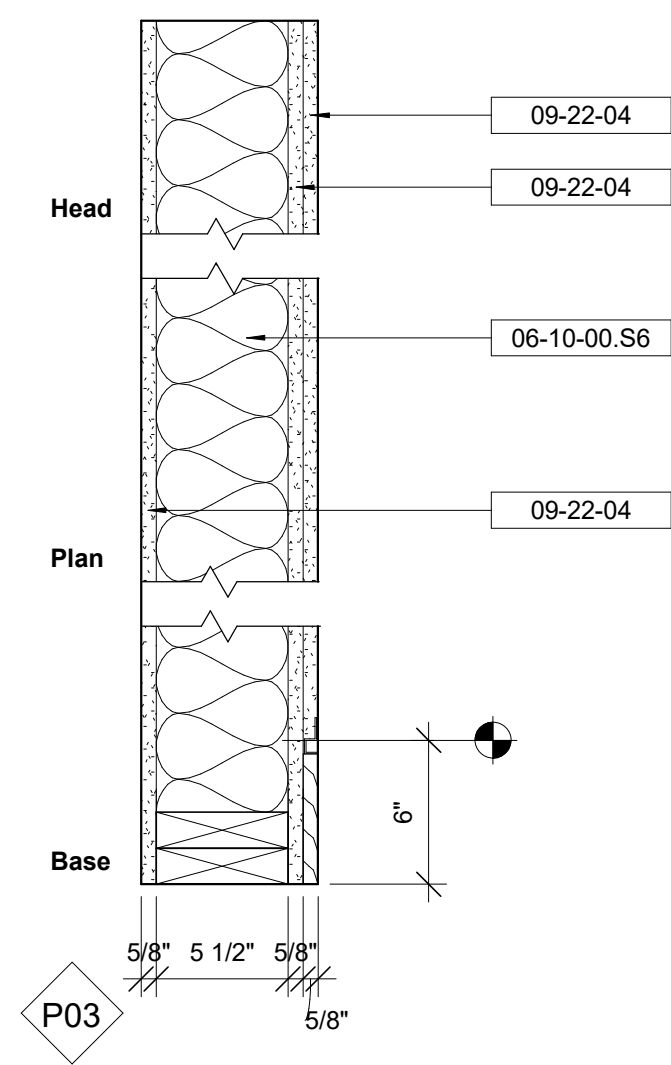
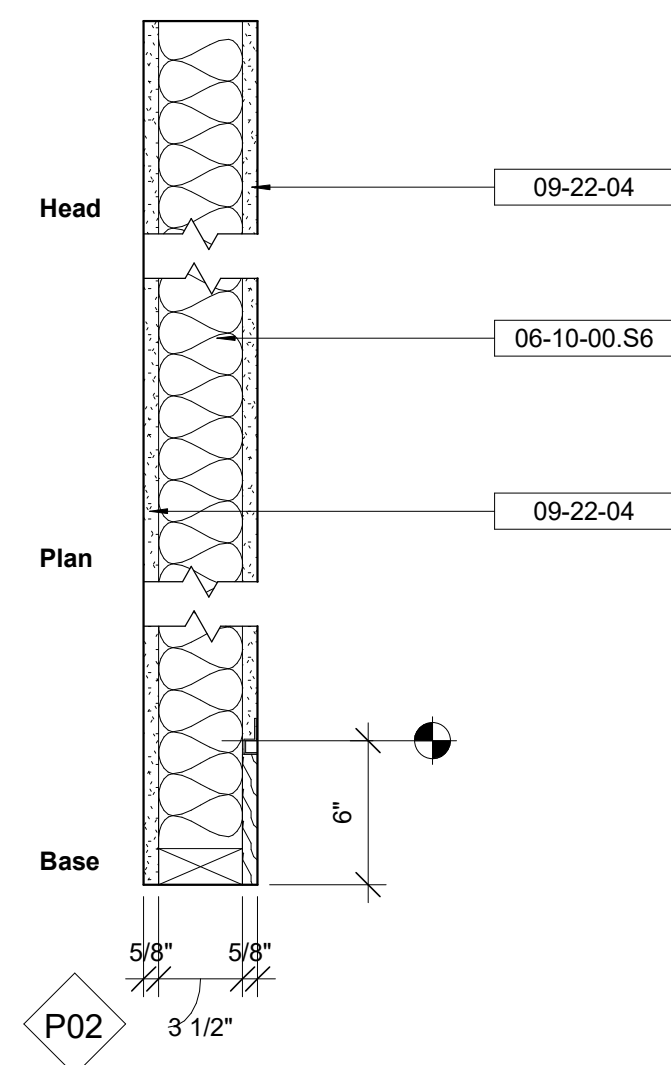
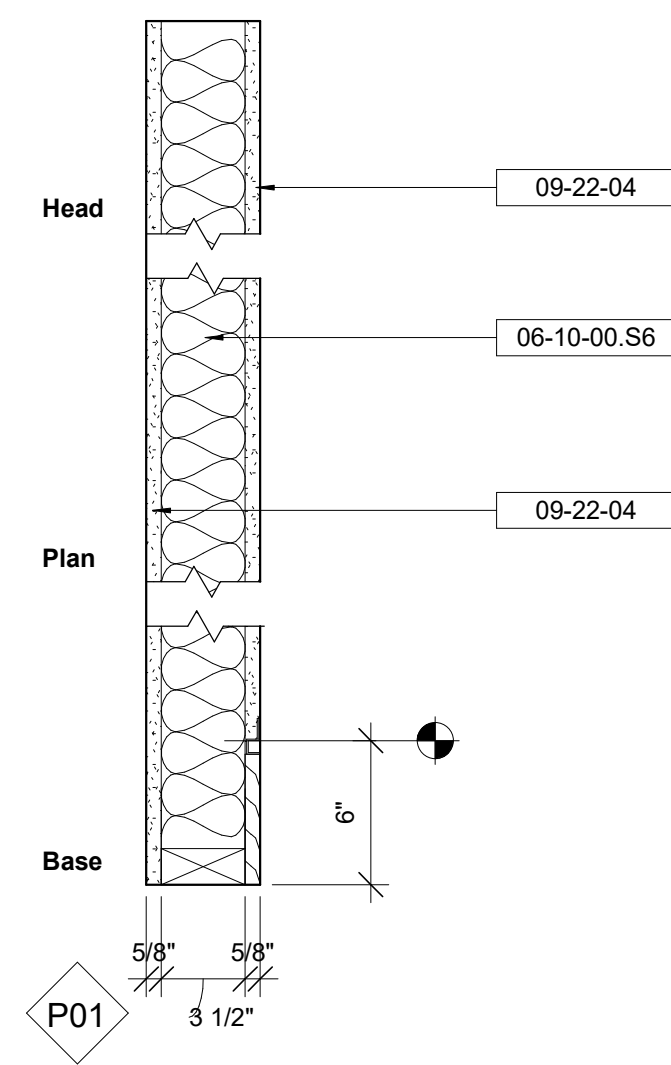
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Exterior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-712
Sheet Size	ARCH D



Keynote Legend	
Keynote	Description
06-10-00.S6	Stud - 2x6" Nominal
07-21-00	Batt Insulation
07-46-00.B	Furring Strip - 3 1/2x3/4"
09-22-04	5/8" Gypsum Wall Board
09-22-04.B	5/8" Gypsum Wall Board - Acoustic

- Owner**
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Key Plan

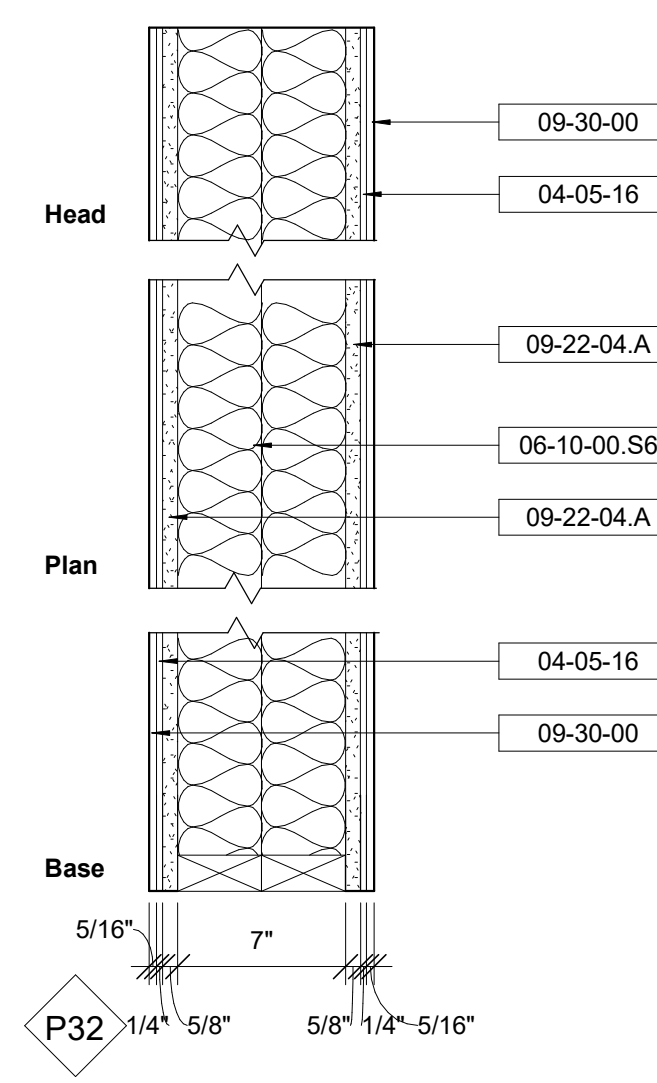
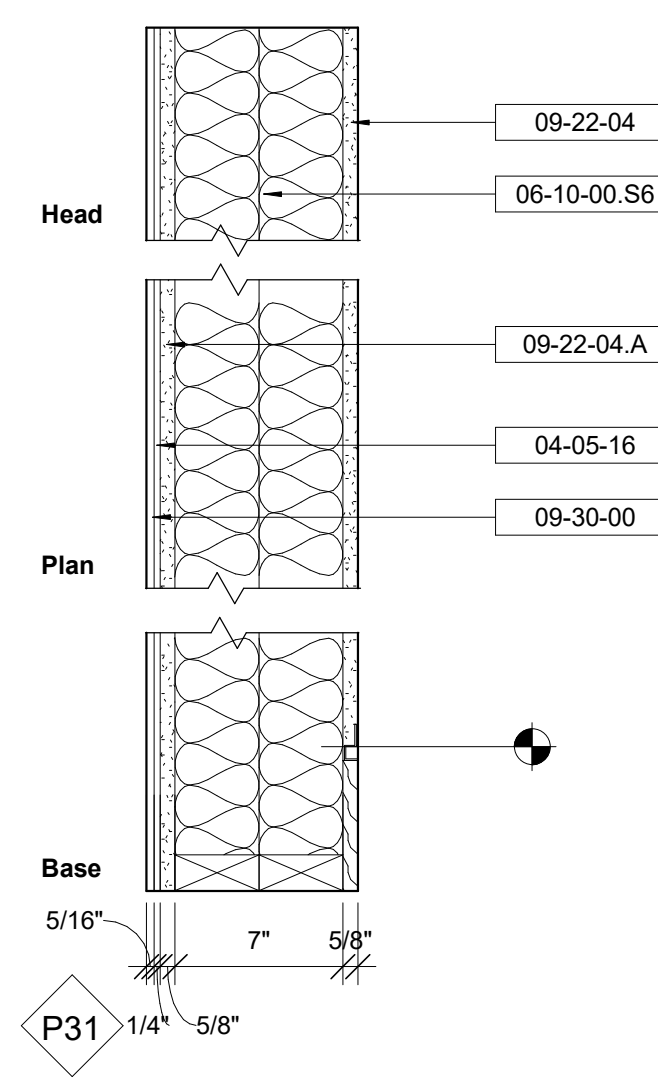
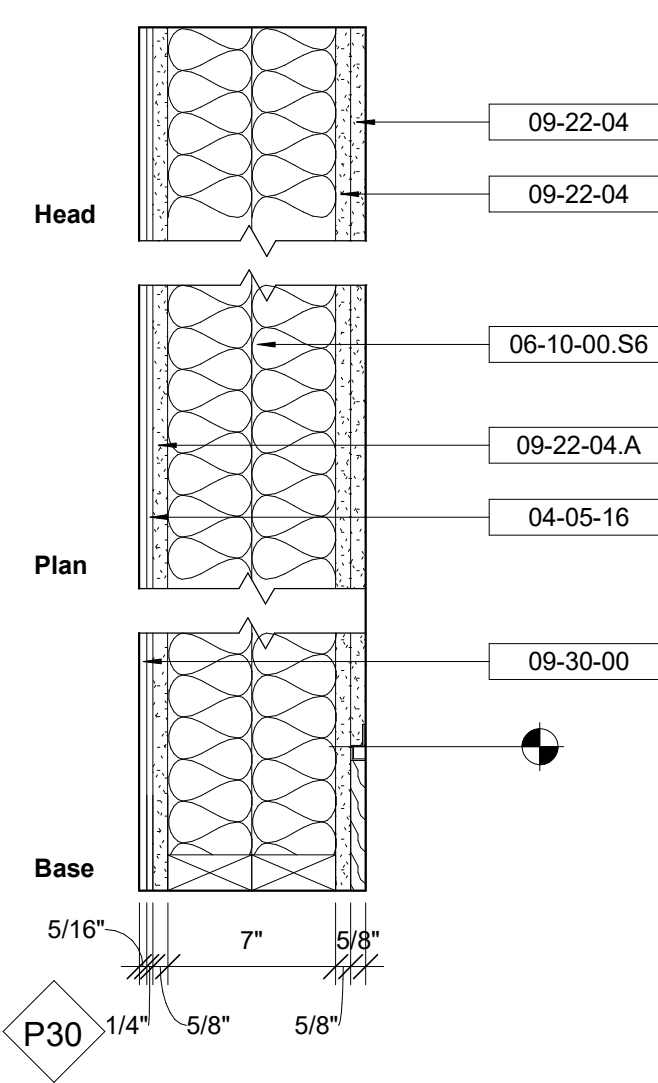
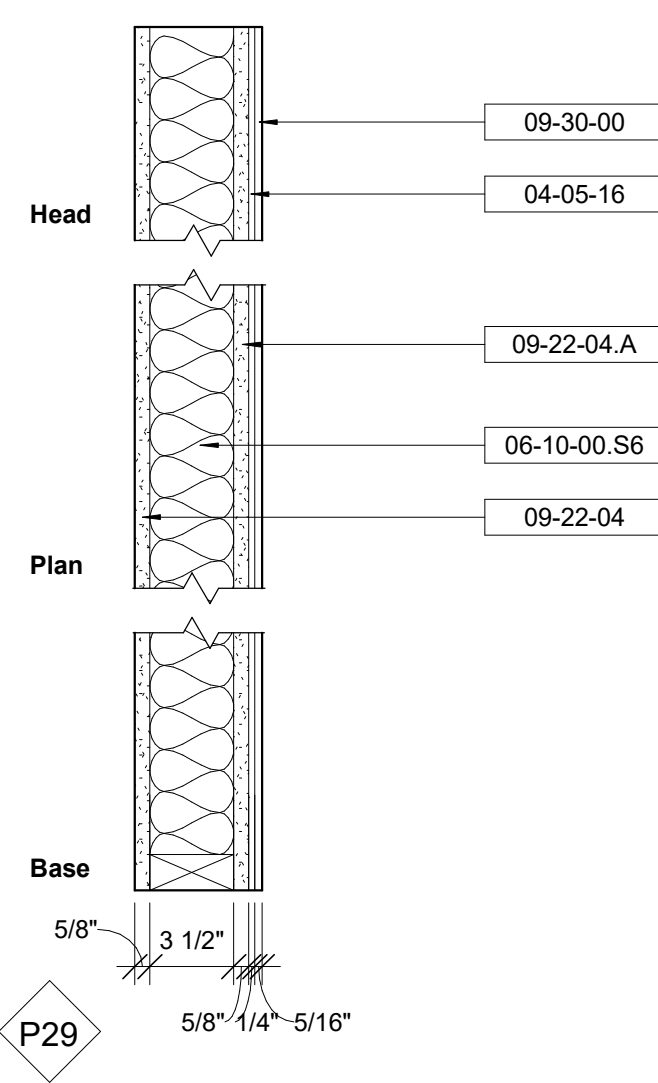
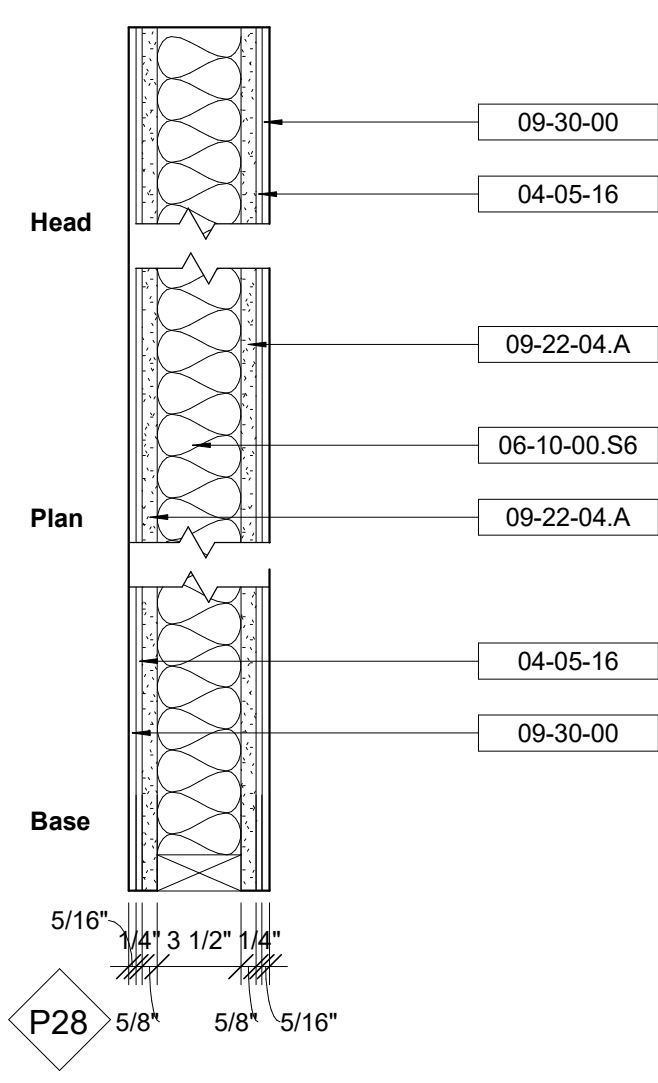
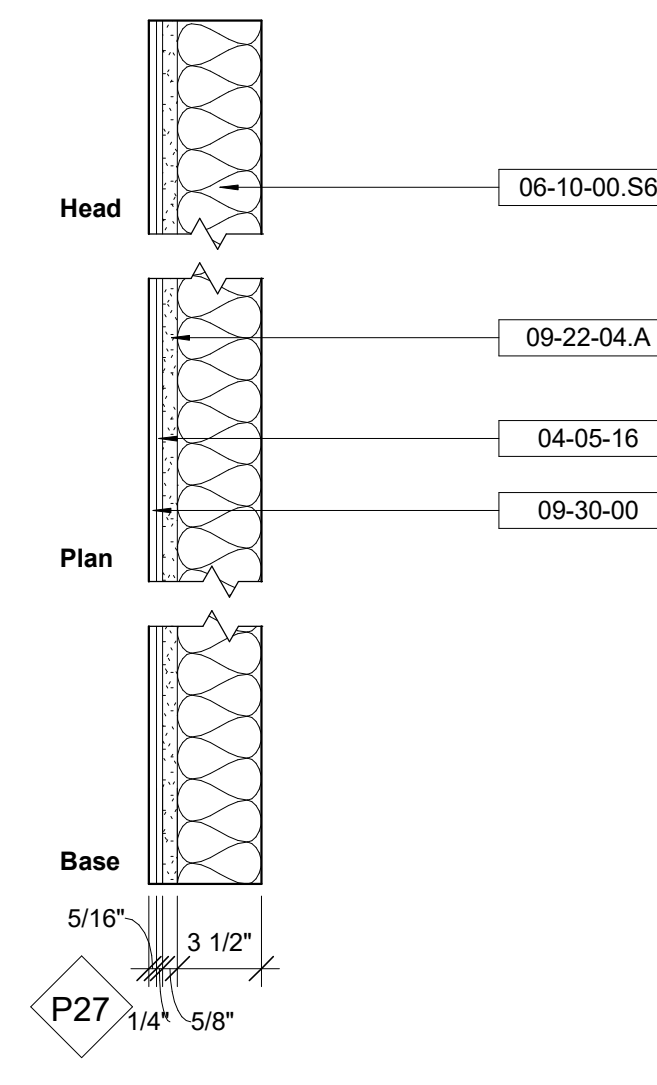
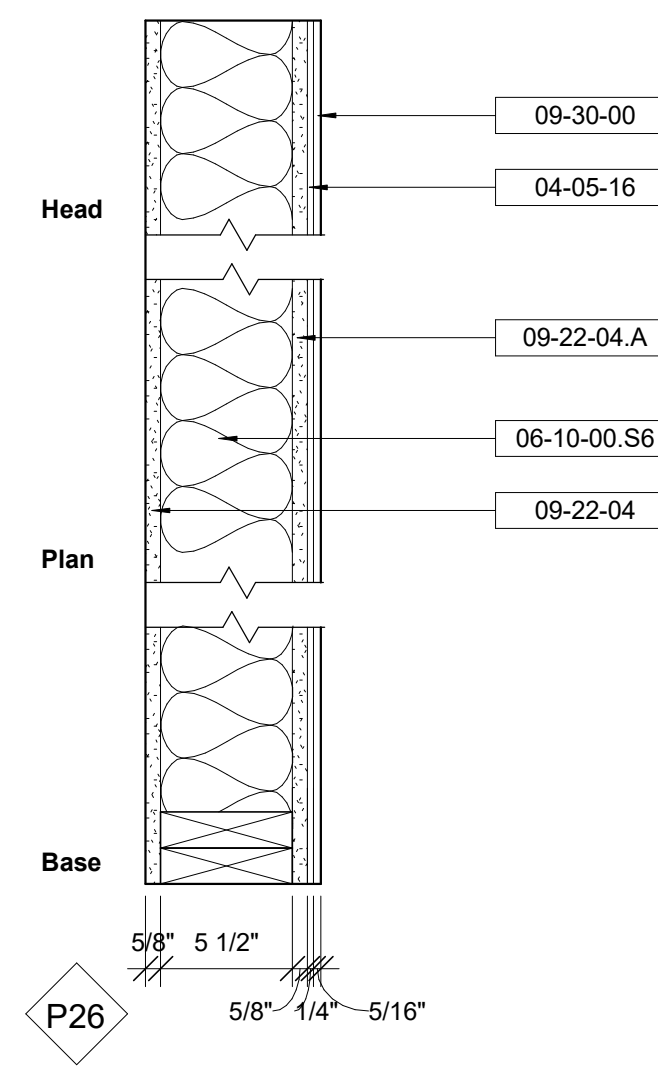
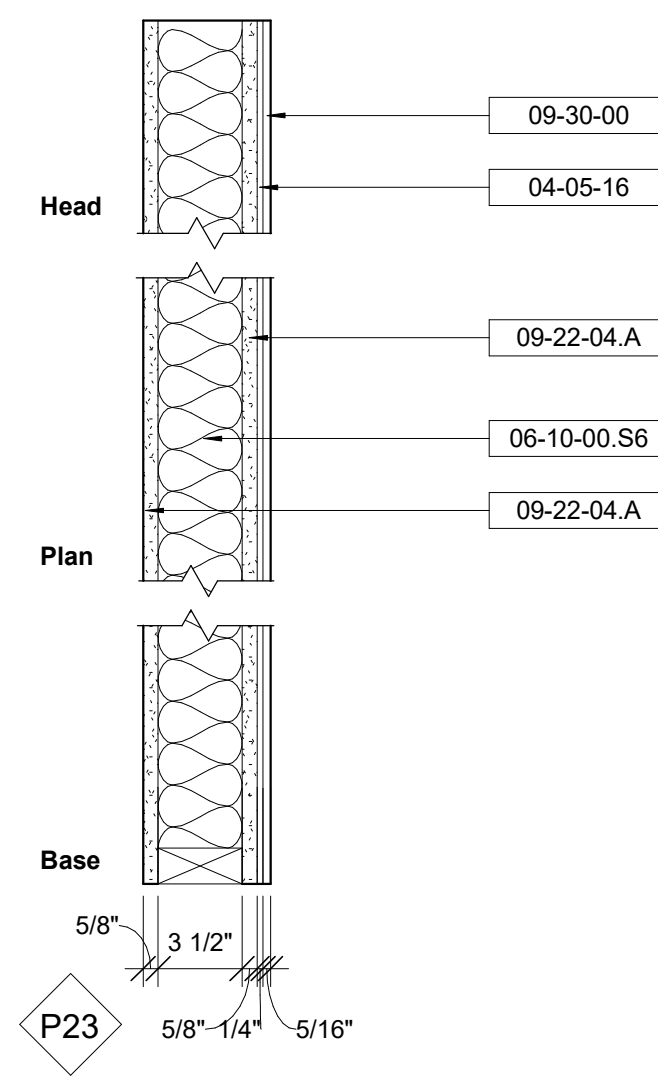
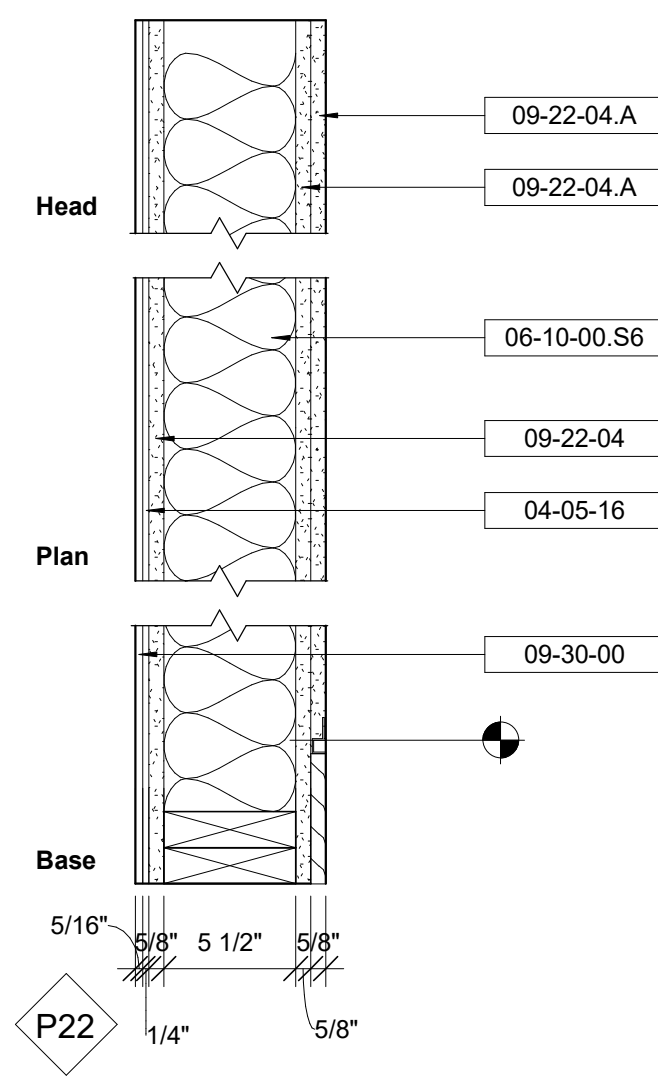
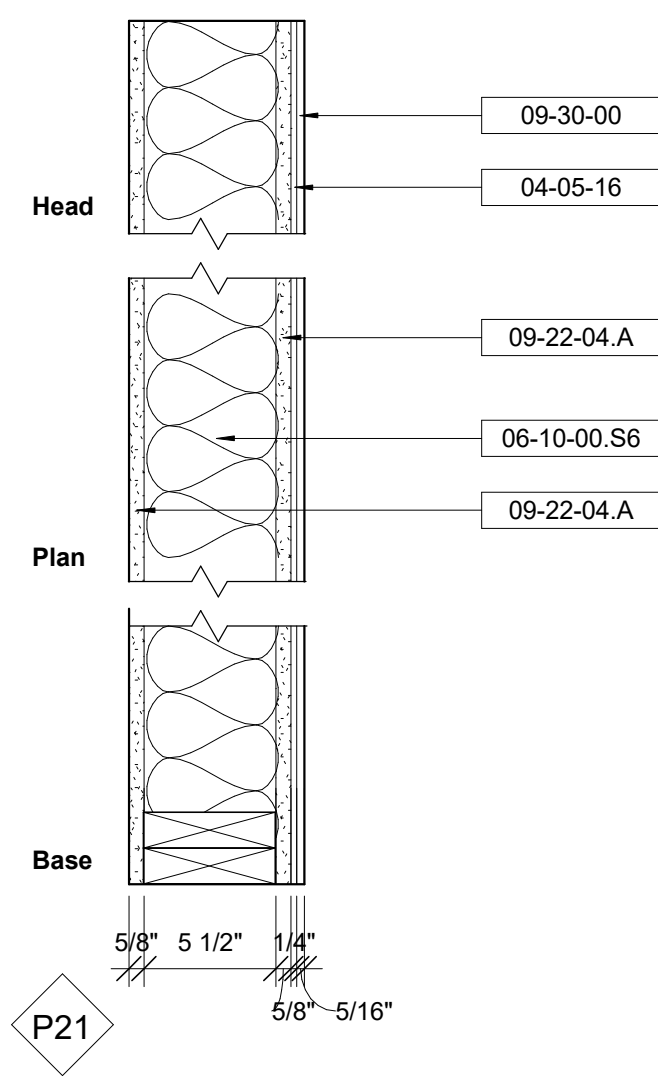
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration
Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-721
Sheet Size	ARCH D



Keynote Legend	
Keynote	Description
04-05-16	
06-10-00.S6	Stud - 2x6" Nominal
09-22-04	5/8" Gypsum Wall Board
09-22-04.A	5/8" Gypsum Wall Board - Wet
09-30-00	2"x2" Matte Wall Tile

Owner	Storm King Art Center 1 Museum Road New Windsor, NY, US 12553 +1 (845) 534-3115
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Executive Architect	WXY Architecture + Urban Design 224 Centre Street, 5th Floor New York, NY, US 10013 +1 (212) 219-1953
Landscape Architect	Gustafson Porter + Bowman 1 Cobham Mews London, MW1 9SB, UK +44 020 7284 8950
	Reed Hilderbrand LLC 33 Whitney Avenue, 3rd Floor New Haven, CT, US 06510 +1 (617) 923-2422
Structural & Lighting	ARUP 77 Water Street New York, NY, US 10005 +1 (212) 896-3000
MEPF & IT	BuroHappold 100 Broadway #23 New York, NY, US 10005 +1 (212) 616-0228
Civil	VHB 100 Great Oaks Blvd., Suite 118 Albany, NY, US 12203 +1 (518) 389-3606
AV & Acoustics	LSTN Consultants 76 Beaver Street, 2nd Floor New York, NY, US 10005 +1 (347) 788-0810
Facade	Front Inc. 100 E. Broadway Street, #501 New York, NY, US 1002 +1 (212) 242-2220

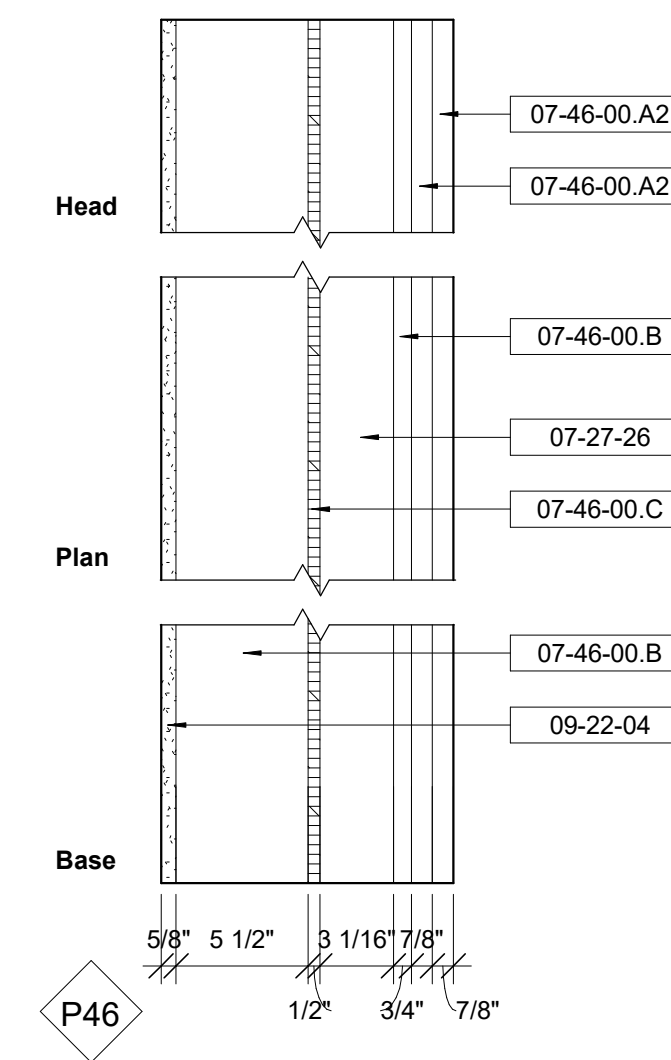
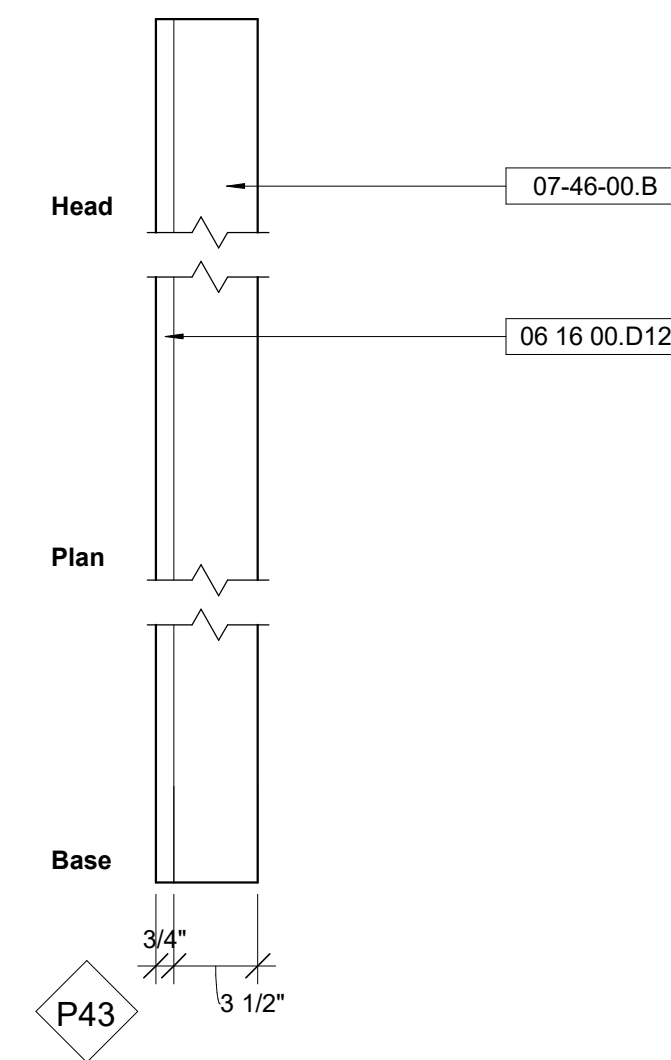
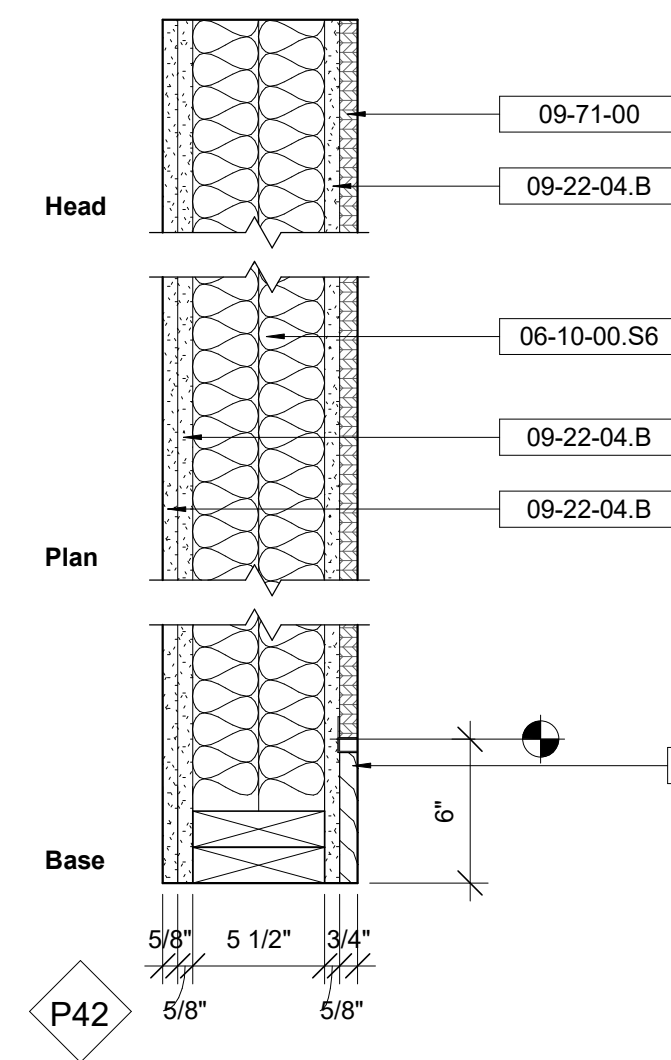
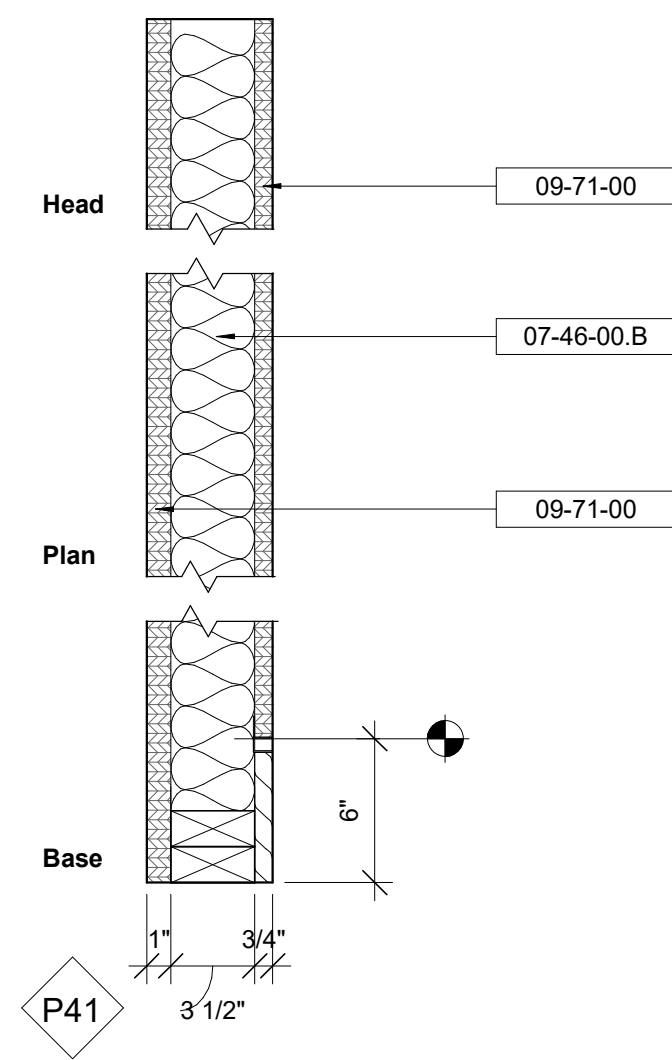
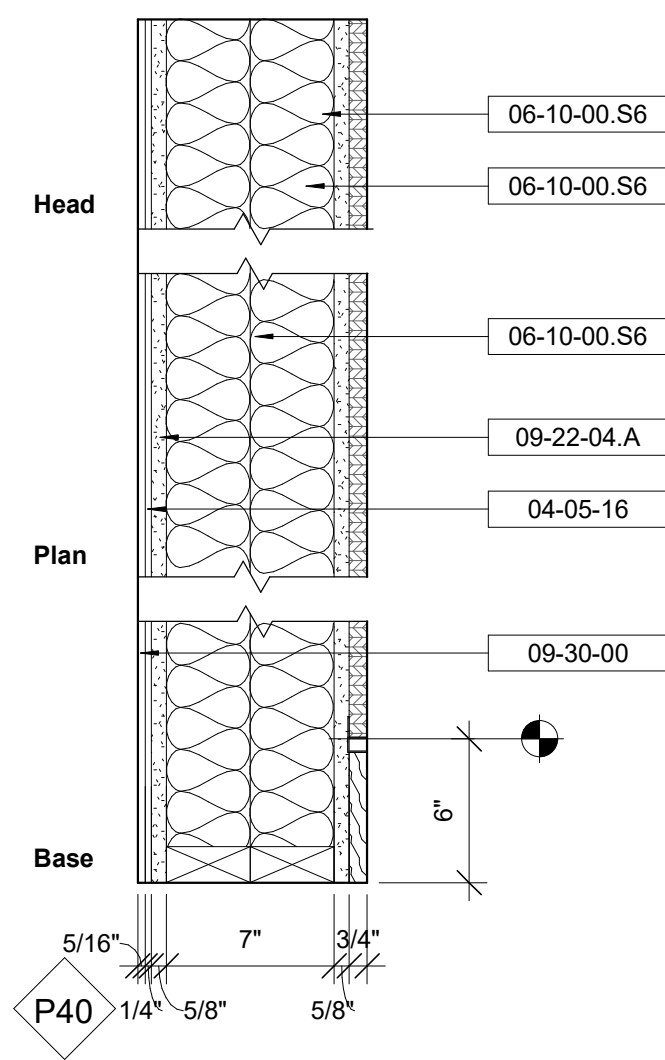
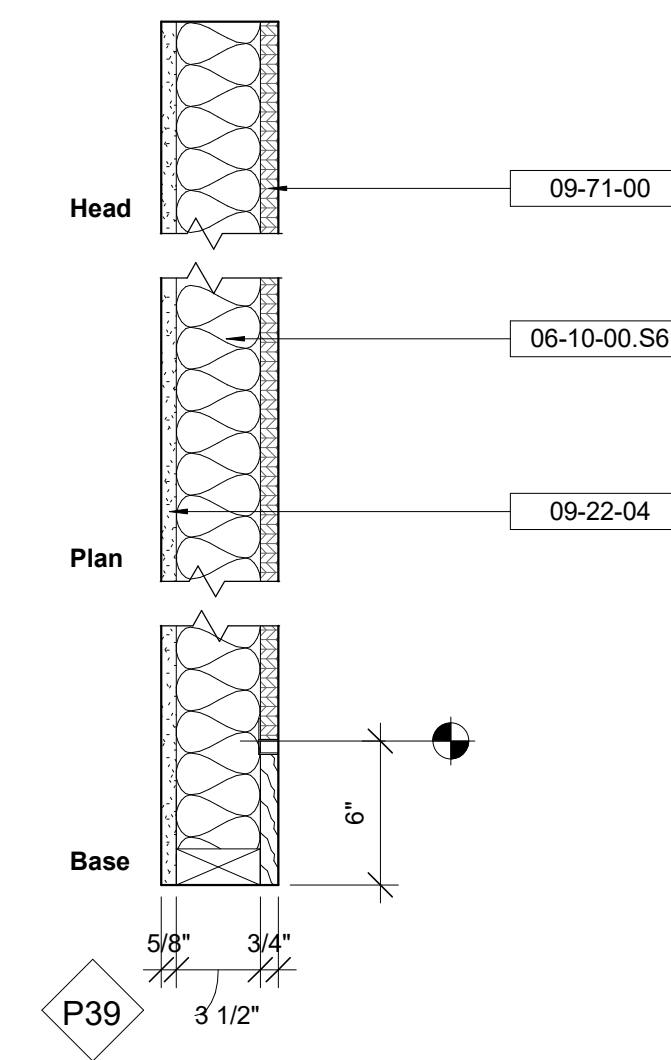
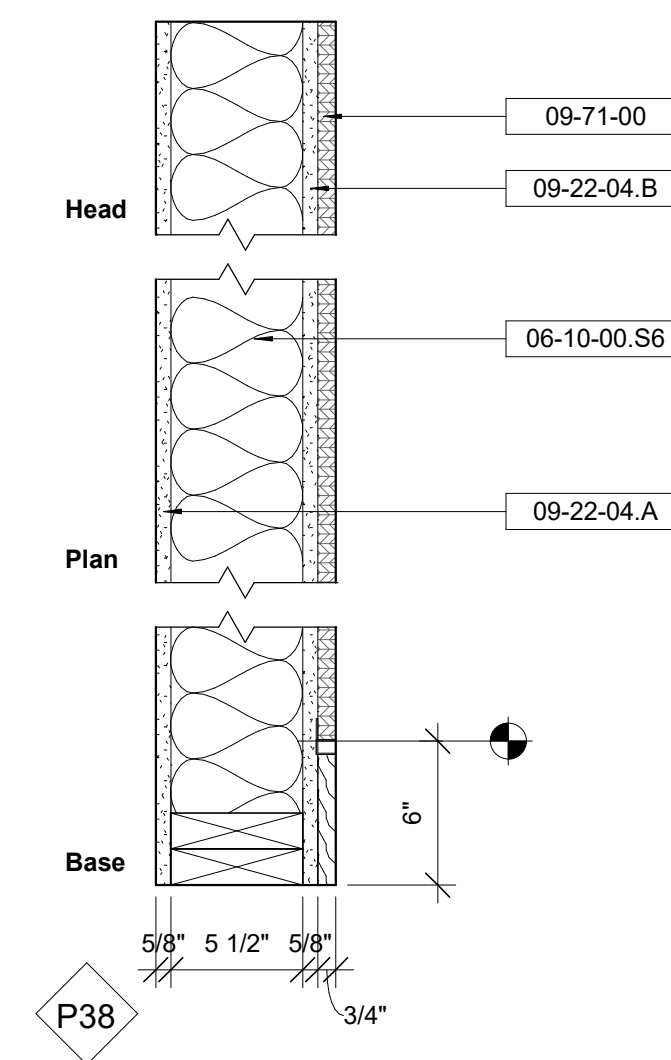
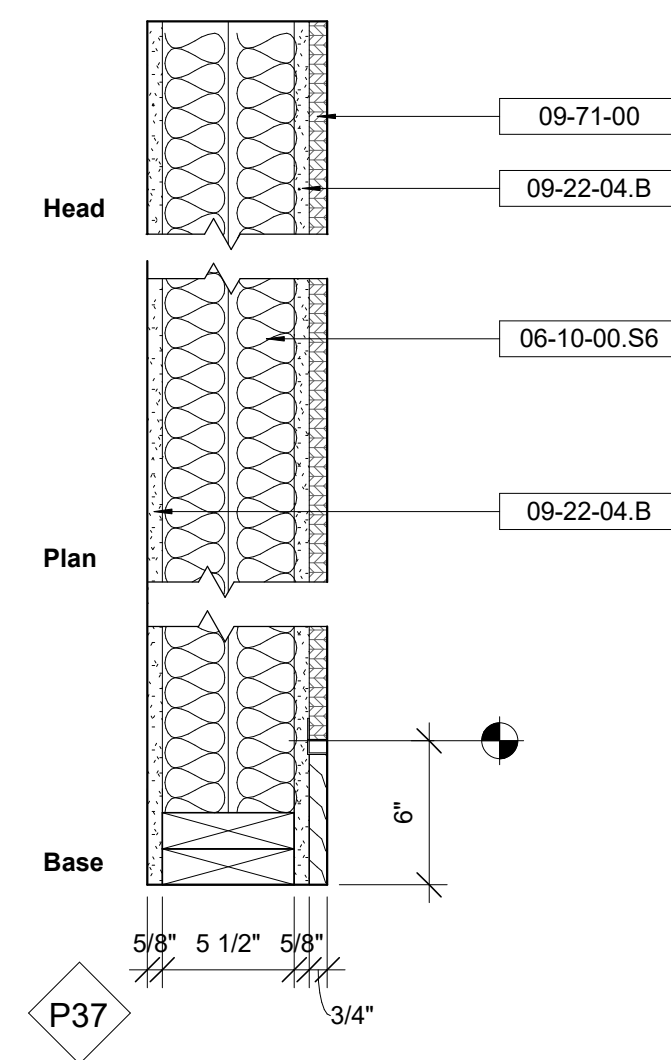
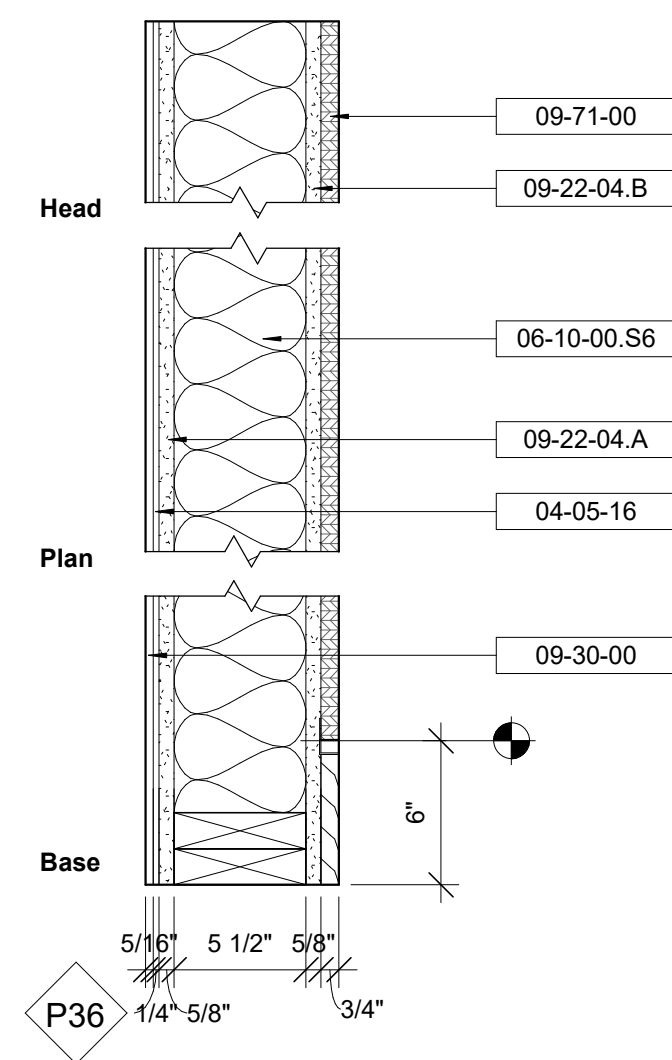
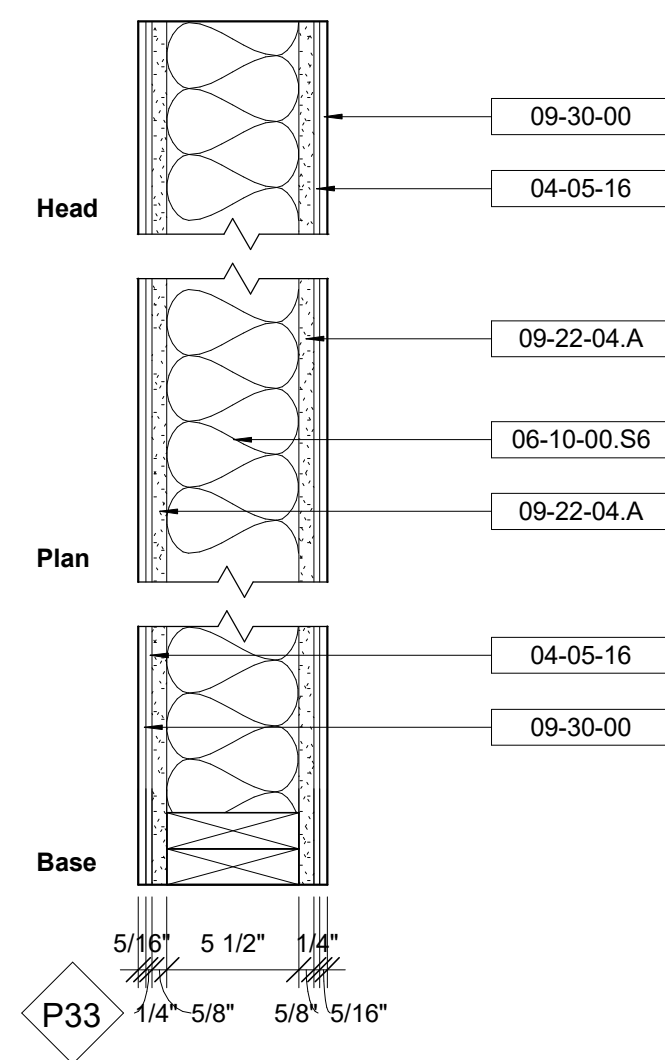
Key Plan	
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
Interior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-722
Sheet Size	ARCH D



Keynote Legend	
Keynote	Description
04-05-16	
06-16-00.D12	3/4" Exterior Grade Plywood
06-10-00.S6	Stud - 2x6" Nominal
06-40-23	Architectural Woodwork
07-27-26	Fluid-Applied Membrane Air and Vapor Barriers
07-46-00.A2	Abodo 'Pearl' Board - 5x7/8" Actual
07-46-00.B	Furring Strip - 3 1/2x3/4"
07-46-00.C	Plywood Sheathing - 1/2"
09-22-04	5/8" Gypsum Wall Board
09-22-04.A	5/8" Gypsum Wall Board - Wet
09-22-04.B	5/8" Gypsum Wall Board - Acoustic
09-30-00	2"x2" Matte Wall Tile
09-71-00	Custom White Oak Veneer Ply

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Interior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-723
Sheet Size	ARCH D

Keynote Legend	
Keynote	Description
04-05-16	
05-41-00.A 1.5	1.5" Metal Stud
06-10-00.S 6	Stud - 2x6" Nominal
07-27-26	Fluid-Applied Membrane Air and Vapor Barriers
07-46-00.A 2	Abodo "Pearl" Board - 5x7/8" Actual
09-22-03	Gypsum Board Assemblies
09-22-04.B	5/8" Gypsum Wall Board - Acoustic
09-30-00	2"x2" Matte Wall Tile
09-71-00	Custom White Oak Veneer Ply

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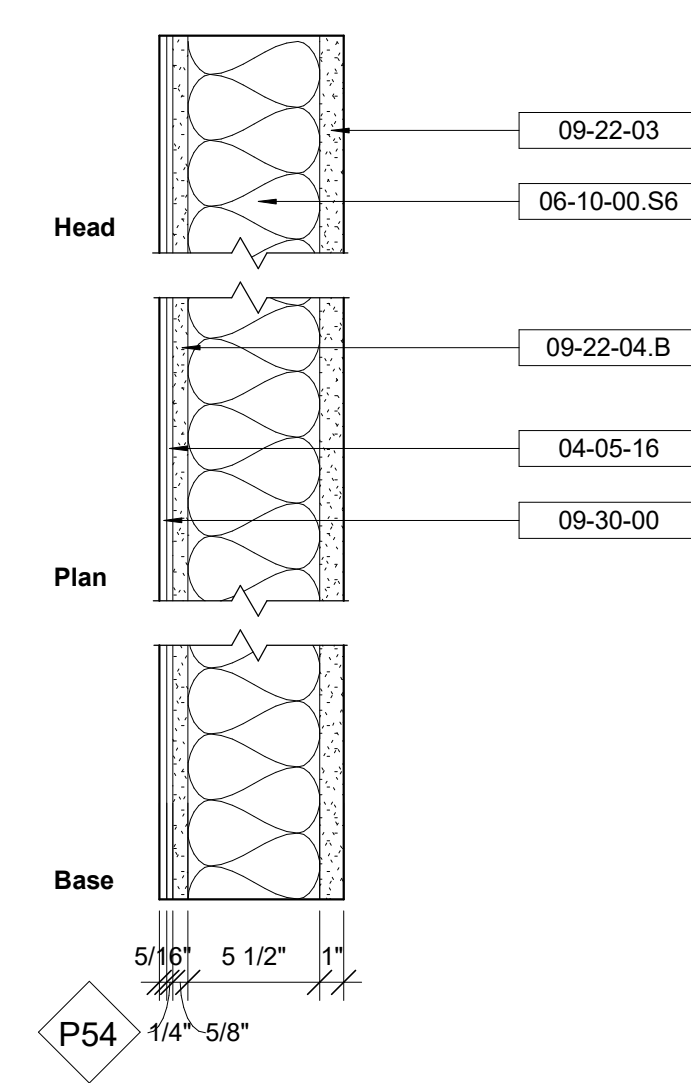
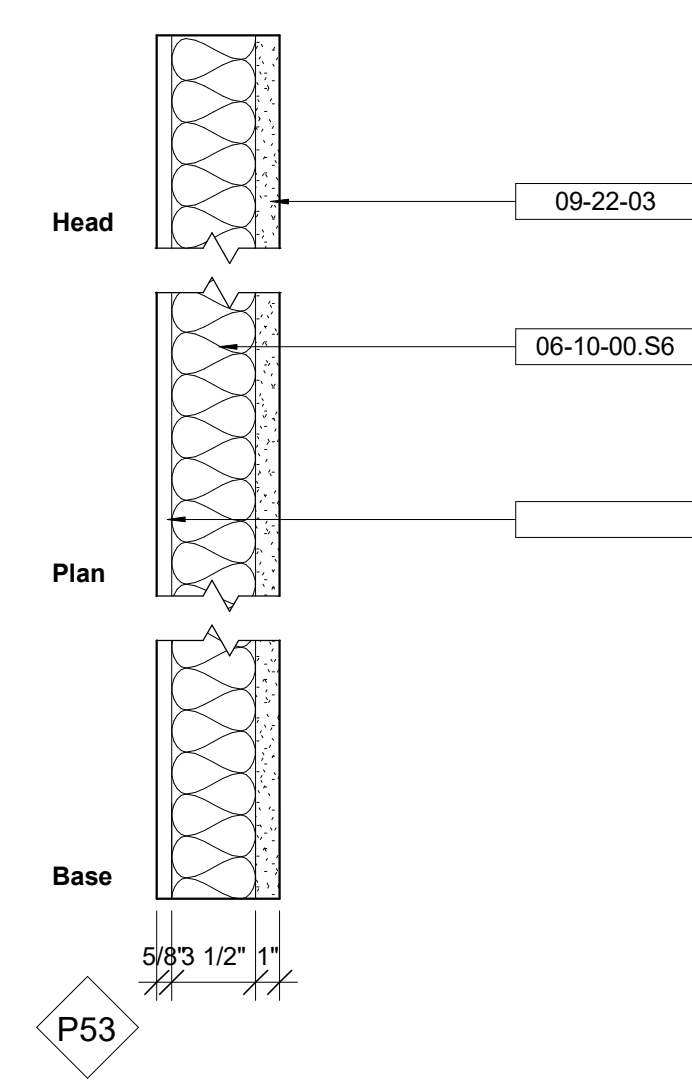
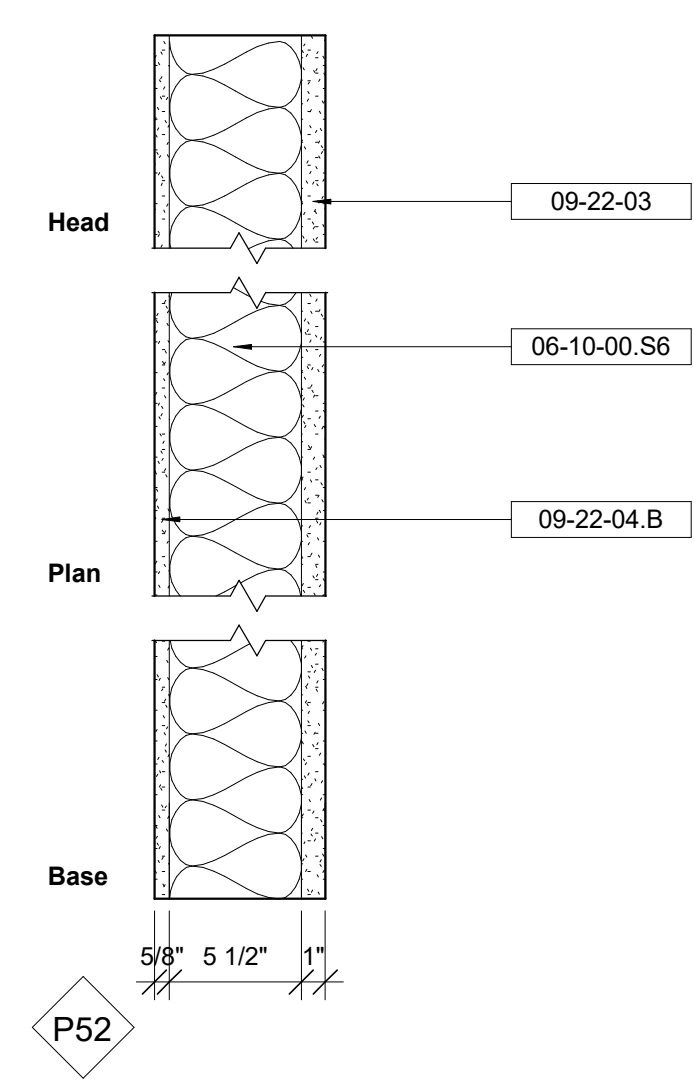
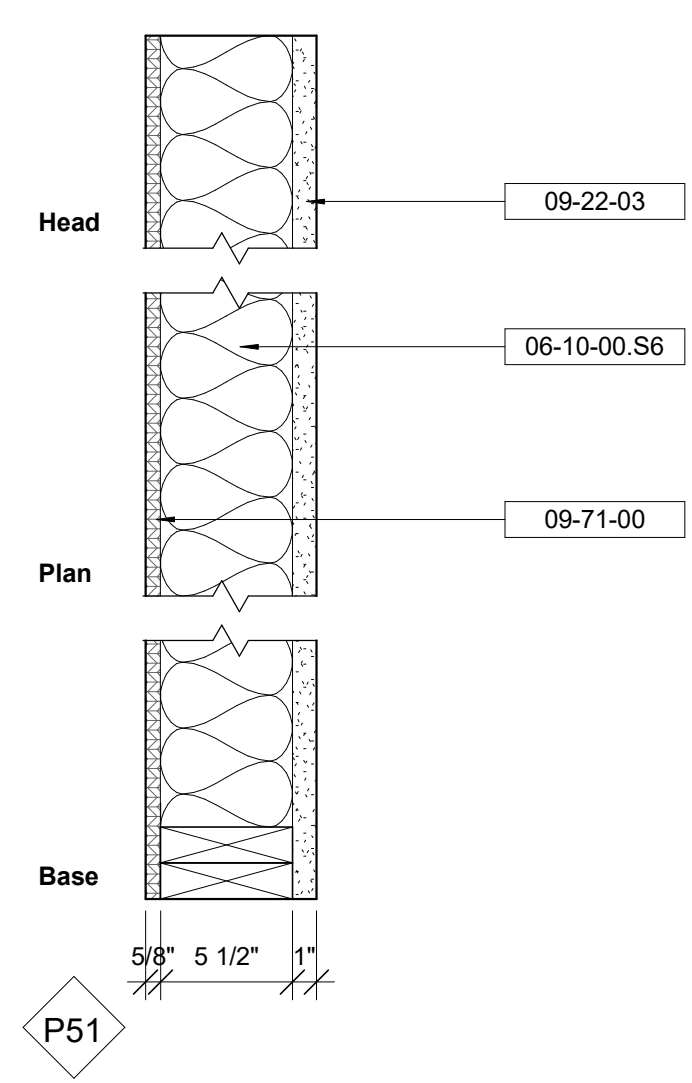
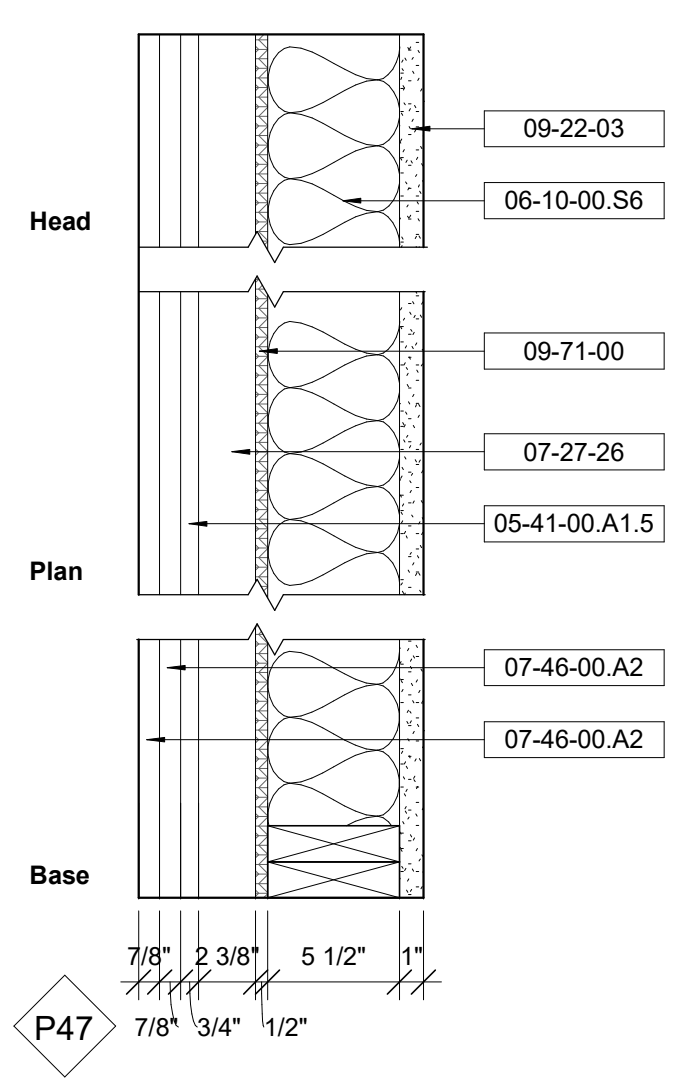
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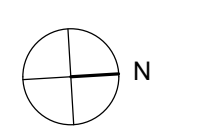
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Key Plan



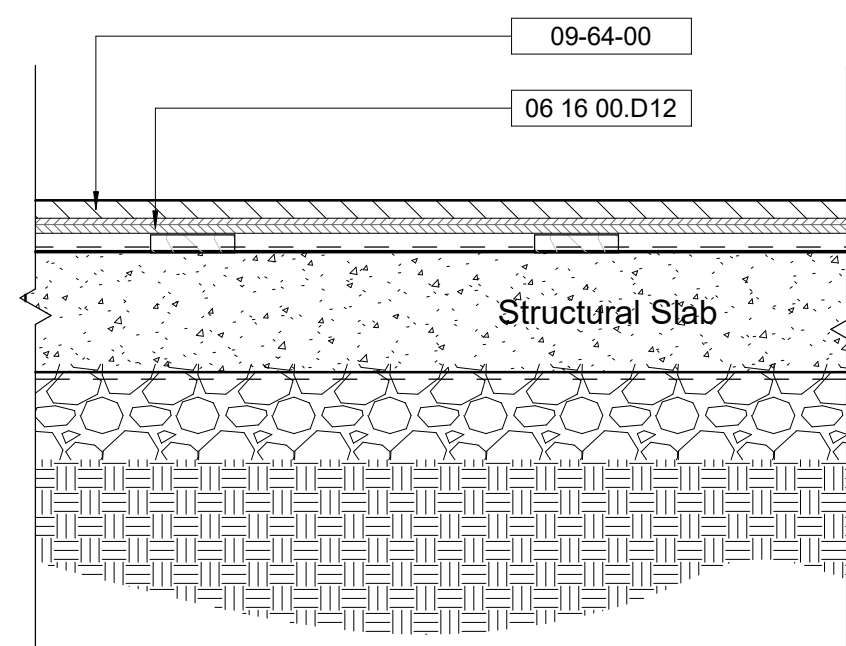
Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

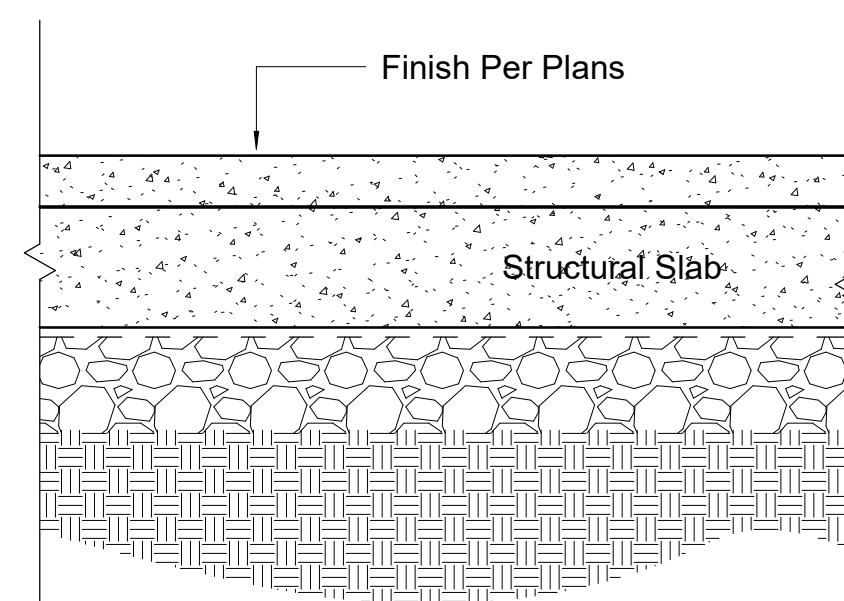
NOT FOR CONSTRUCTION
Drawing Title
Interior Wall Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-724
Sheet Size	ARCH D

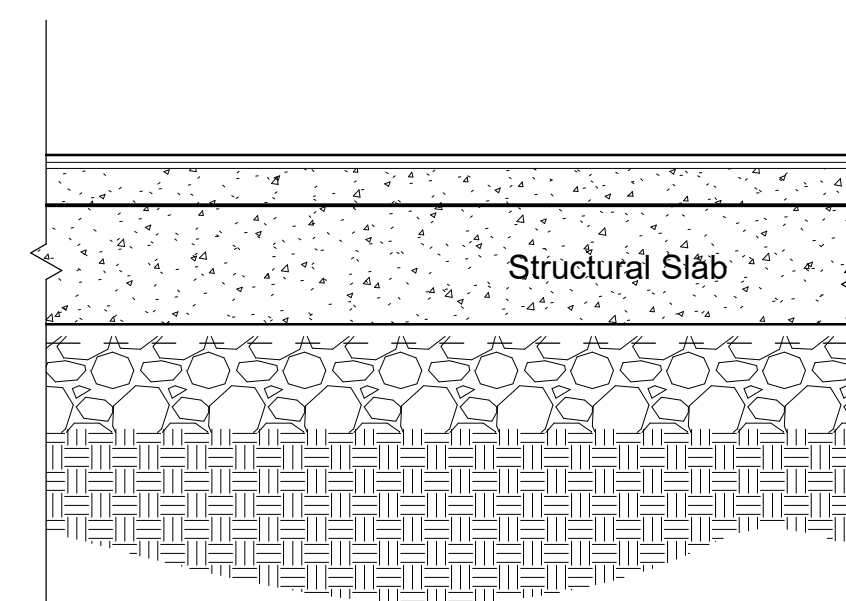


- F01** 3/4" Engineered Hardwood Flooring
3/4" Plywood Subfloor
1x4 Sleepers 16" O.C.
Vapor Barrier
5" Concrete Slab per Structural
Vapor Barrier
Gravel Sub base

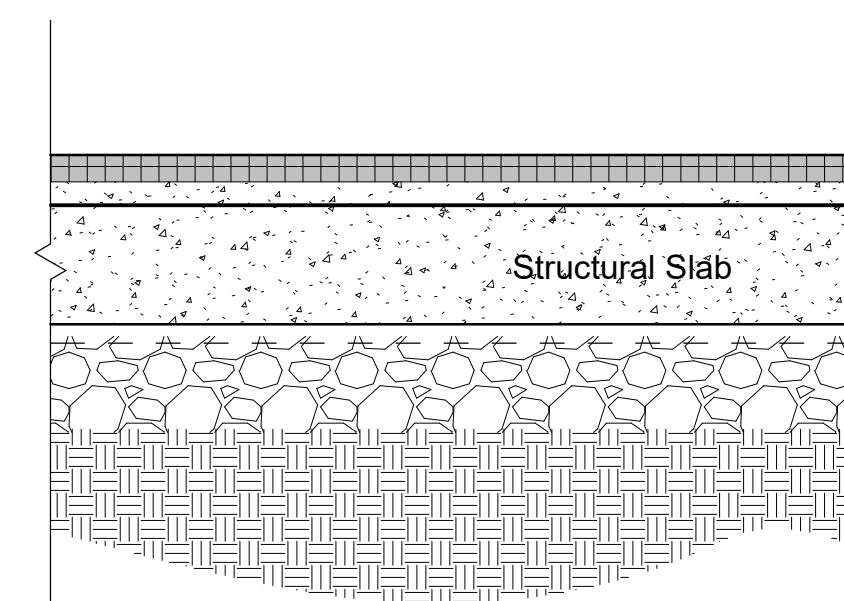
A / B Please Carefully Note: There are two sizes of HW flooring in use: 3" Normal (A) & 7 1/2" wide boards (B), which are laid in panels with specific rotations as is indicated sheets A-A-141, A-A-142, A-A-143 & A-A-144.



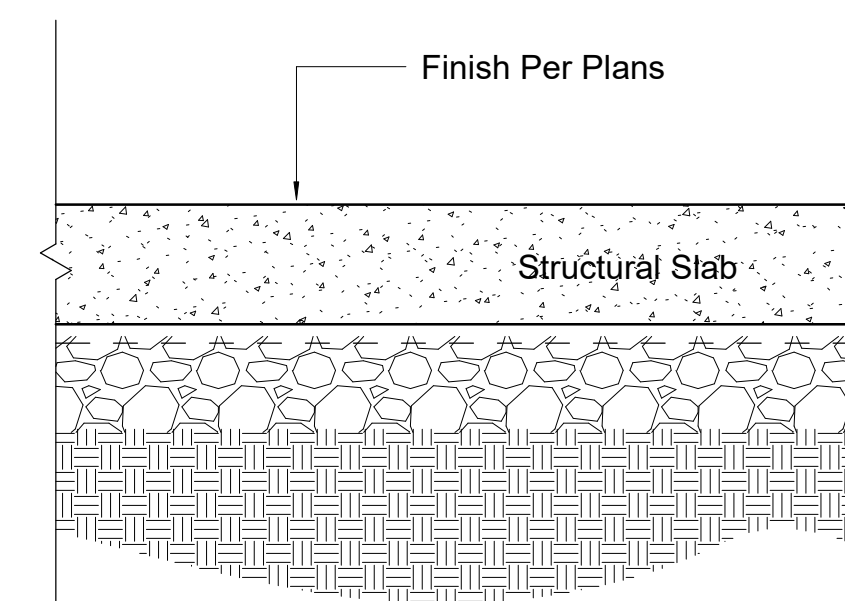
- F02** 2 1/8" Concrete Topping Slab with a polished finish
5" Concrete Slab per Structural
Vapor Barrier
Gravel Sub base



- F03** 2x2" Tile Flooring on selected grout bedding layer with concrete topping slab to total depth 2 1/8"
5" Concrete Slab per Structural
Vapor Barrier
Gravel Sub base



- F04** Selected Grille Entry Mat with Topping Slab under to total depth 2 1/8"
5" Concrete Slab per Structural
Vapor Barrier
Gravel Sub base.



- F05** Selected paint or other finish, if applicable
5" Concrete Slab per Structural
Vapor Barrier
Gravel Sub base.

Keynote Legend	
Keynote	Description
06 16 00.D12	3/4" Exterior Grade Plywood
09-64-00	3/4" Hardwood Engineered Flooring

Owner
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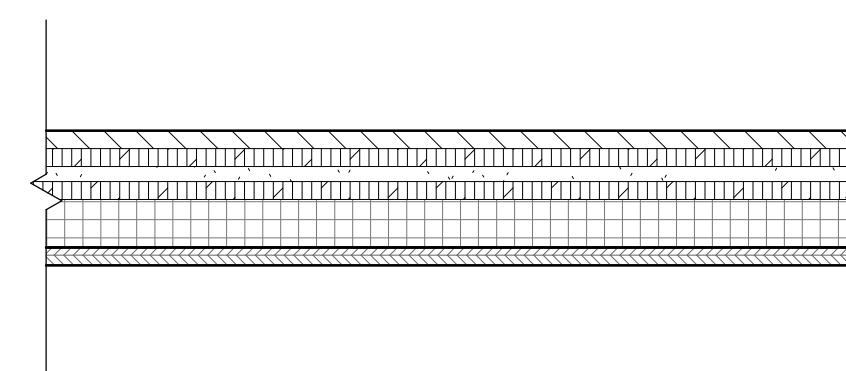
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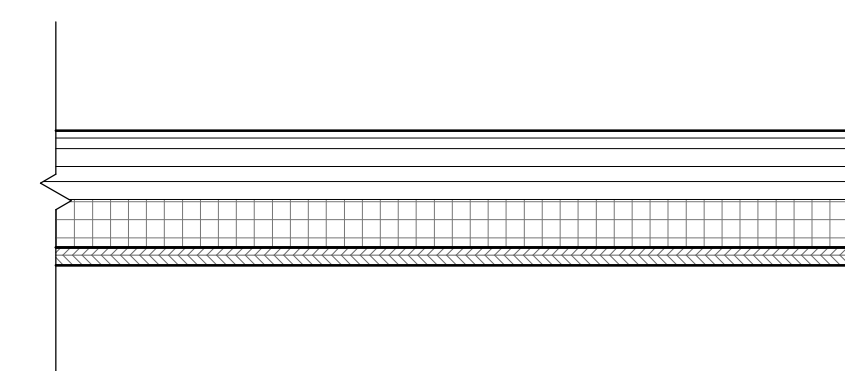
Facade
Front Inc.
100 E. Broadway Street, #501
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Key Plan

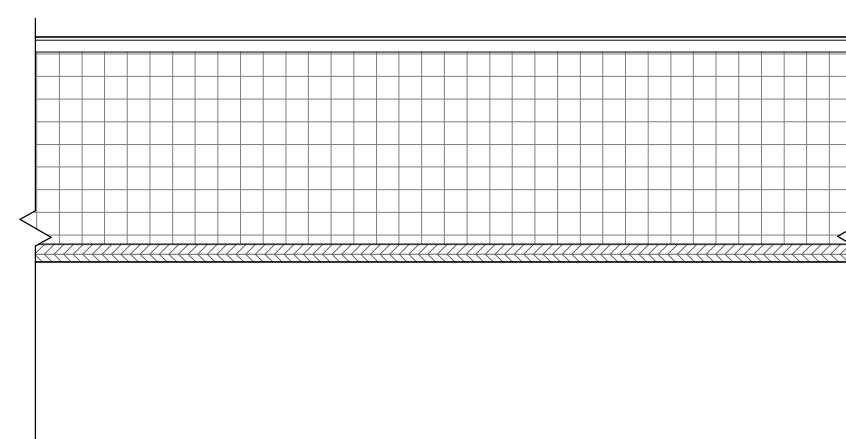


- F06** 3/4" Hardwood Flooring
1 layer 3/4" plywood
1 layer 5/8" gypsum board
1 layer 3/4" plywood
2" Acoustic isolation with puck isolators
1 layer plywood per structural, hardwood veneer finish

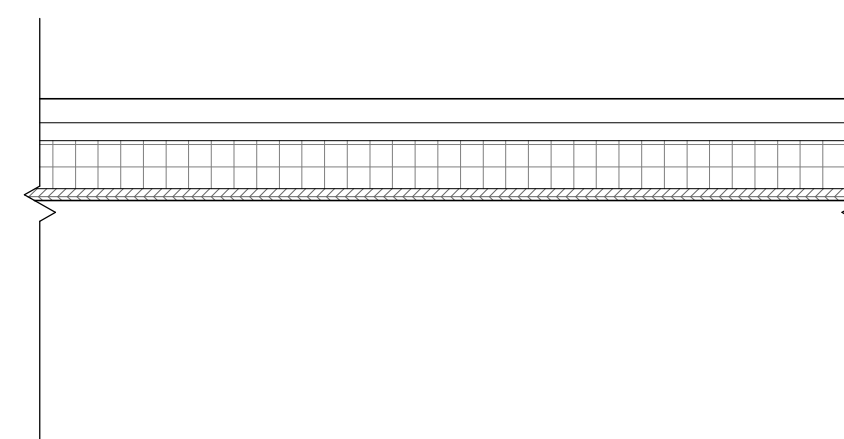
A / B Please Carefully Note: There are two sizes of HW flooring in use: 3" Normal (A) & 7 1/2" wide boards (B), which are laid in panels with specific rotations as is indicated sheets A-A-141, A-A-142, A-A-143 & A-A-144.



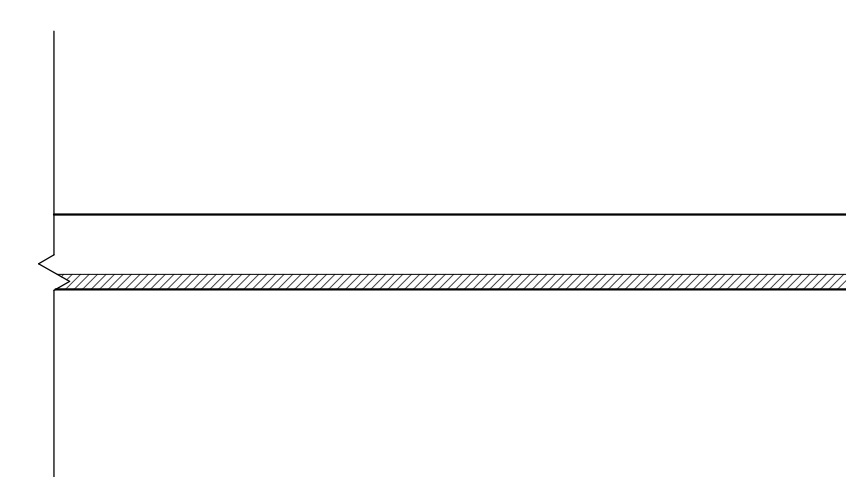
- F07** 5/16" Deep 2" x 2" Flooring Tile Finish on 7/16" Bedding Grout Mortar
1 layer 3/4" plywood
1 layer 5/8" gypsum board
1 layer 3/4" plywood
2" Acoustic isolation with puck isolators
1 layer plywood per structural, hardwood veneer finish



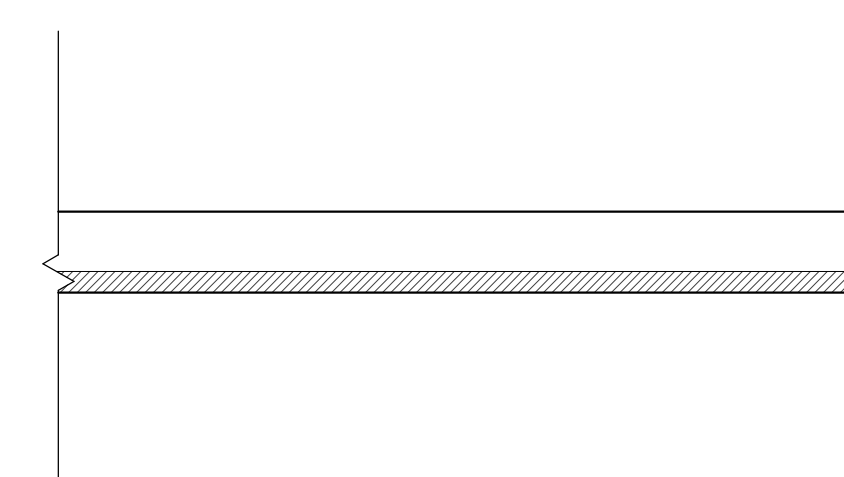
- R01** TPO Roofing System
1/2" High density fiberboard cover board
8" min tapered XPS roof insulation
1 layer plywood per structural, hardwood veneer finish



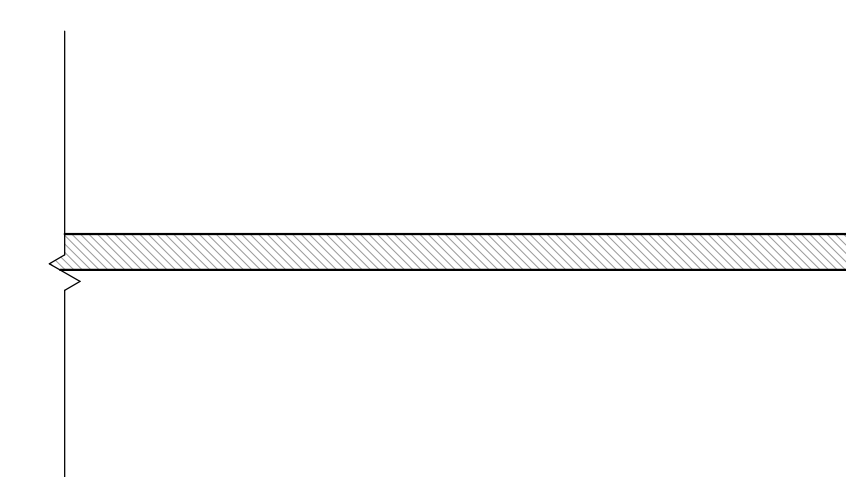
- R02** Corrugated Metal Roofing
1" nominal wood furring
1 layer plywood per structural
Wood framing per structural



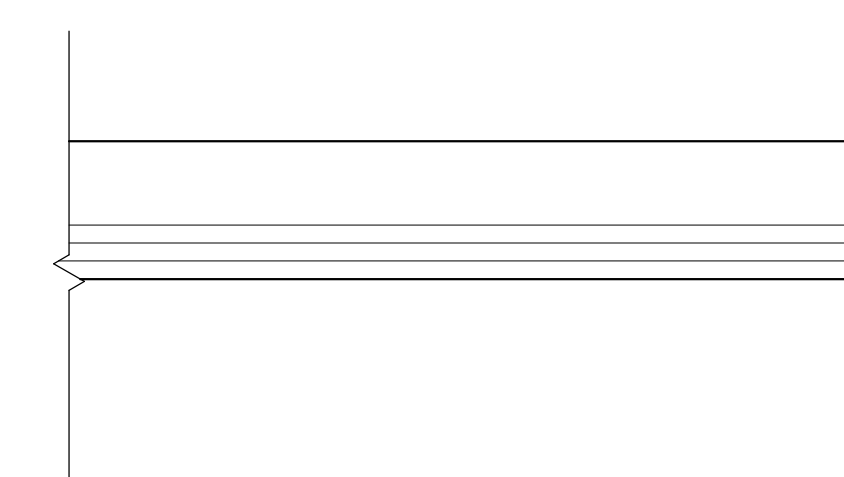
- Gyps** 5/8" Gypsum Board
2 1/2" Metal Studs



- AGyp** 7/8" Acoustic Gypsum Board
2 1/2" Metal Studs



- APan** 1 1/2" Acoustic Panel



- Wood** 3/4" Adobo (see narrative) horizontal board
3/4" Adobo (see narrative) horizontal batten
3 1/2"x3/4" Furring Strips
3 1/2" Metal Studs

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Floor, Ceiling & Roof Types

Date	11/06/20
Scale	1 1/2" = 1'-0"
Drawing Number	A-A-731
Sheet Size	ARCH D

SYMBOLS	
SYMBOL	DESCRIPTION
[...]	CAMBER
<...>	NUMBER OF STUDS
(...)	TOP ELEVATION OF STRUCTURAL ELEMENT
	STEEL BEAM
	STEEL JOIST
- - - - -	BRACE FRAME
	MOMENT CONNECTION
	CANTILEVER MOMENT CONNECTION
	DRAG CONNECTION
	PLATE CONNECTION
	STIFFENER PLATE CONNECTION
	SPLICE
	COLUMN STARTS ON THIS LEVEL
	COLUMN FINISHES BELOW THIS LEVEL
	COLUMN HANGER
	COLUMN POST
	SLOPED COLUMN STARTS ON THIS LEVEL
	SLOPED COLUMN FINISHES BELOW THIS LEVEL
	SLOPED COLUMN CONTINUES THROUGH THIS LEVEL
	SLAB DROP
	SLAB SLOPE
	CHANGE IN SLAB THICKNESS
	GROUND
	ONE WAY SPANNING SLAB
	TWO WAY SPANNING SLAB
T/SL = X'-XX"	TOP OF SLAB ELEVATION
	WELD TYPE
	CONCRETE WALL (PLAN VIEW)
	CONCRETE BEAM (PLAN VIEW)
	SETTING OUT POINT/WORK POINT
	LEVEL

ABBREVIATIONS	
ABV.	DESCRIPTION
ALT	ALTERNATE
BET	BETWEEN
BF	BOTH FACES
BLDG	BUILDING
BM	BEAM
BOT	BOTTOM
BPL	BASE PLATE
BS	BOTH SIDES
B/ST	BOTTOM OF STEEL
C	CHANNEL
CANT	CANTILEVER
CJ	CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION (WELD)
CL	CENTERLINE
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPL	COVERPLATE
CTRL JT	CONTROL JOINT
D	DEPTH, DEEP, DECK
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DJ	DOWEL JOINT
DL	DEAD LOAD
DO	DITTO
DWG	DRAWING
E	MODULUS OF ELASTICITY
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
EMB	EMBEDMENT
EQ	EQUAL
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FF	FAR FACE
FFL	FINISH FLOOR LEVEL
FDN	FOUNDATION
FIN	FINISHED
FL	FLOOR
FS	FAR SIDE
FT	FEET
FTG	FOOTING
FY	YIELD STRESS
GA	GAUGE
GALV	GALVANISED
GR	GRADE
H	AXIAL FORCE, SEE P
HEX	HEXAGON, HEXAGONAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HSB	HIGH-STRENGTH BOLT
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
IJ	ISOLATION JOINT
IN	INCH
INT	INTERIOR
JT	JOINT
K	KIP = 1000 LBS
KSF	KIPS PER SQUARE FOOT

ABBREVIATIONS	
ABV.	DESCRIPTION
L	LENGTH
LB	POUND
LG	LONG
LIN	LINEAR OR LINEAL
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LSL	LONG SLOTTED (BOLT HOLE)
LT	LIGHT
LW	LIGHT WEIGHT
M	MOMENT FORCE
MD	METAL DECK
MF	MOMENT FRAME
MJ	MOVEMENT JOINT
NF	NEAR FACE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NW	NORMAL WEIGHT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OVS	OVERSIZE (BOLT HOLE)
P	AXIAL FORCE
PCF	POUNDS PER CUBIC FOOT
PERP	PERPENDICULAR
PL	PLATE
PP	PARTIAL PENETRATION (WELD)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
R	RADIUS
REBAR	REINFORCING BAR
REINF	REINFORCE(ING)
REV	REVISION
S	SLAB
SIM	SIMILAR
SL	SLAB
SOG	SLAB ON GRADE
SQ FT	SQUARE FOOT
SG IN	SQUARE INCH
SS	STAINLESS STEEL
SSL	SHORT SLOTTED (BOLT HOLE)
STD	STANDARD
STIFF	STIFFENER
ST	STEEL
STRUCT	STRUCTURAL
T&B	TOP & BOTTOM
THK	THICK
T/CONC	TOP OF CONCRETE
T/D	TOP OF METAL DECK
TOPG	TOPPING
T/SL	TOP OF SLAB
T/ST	TOP OF STEEL
TS	STRUCTURAL STEEL TUBE
T/WALL	TOP OF WALL
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	SHEAR FORCE
VERT, V	VERTICAL (FORCE)
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WP	WORK POINT
WWF	WELDED WIRE FABRIC
XS	EXTRA STRONG (PIPE)
XXS	DOUBLE EXTRA STRONG (PIPE)

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+1 (212) 242-2220

Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Structural Symbols
and Abbreviations**

Date	11/06/20
Scale	12" = 1'-0"
Drawing Number	S-A-001
Sheet Size	ARCH D

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - PROJECT GOVERNING CODE(S) AND STANDARDS.
 - DRAWINGS.
 - SPECIFICATIONS.
- THE STRUCTURAL DRAWINGS ARE INTENDED TO WORK WITH AND BE COMPLEMENTARY TO THE PROJECT SPECIFICATIONS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- IN THE EVENT THAT CERTAIN DETAILS OF THE CONSTRUCTION ARE NOT FULLY SHOWN OR NOTED ON DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME TYPE AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED, SUBJECT TO THE STRUCTURAL ENGINEER'S APPROVAL.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE COMMENCING WITH THE WORK AND NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES WITH THE INFORMATION SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND ALL OTHER RELEVANT CONSULTANT DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
 - SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS, EXCEPT AS NOTED.
 - SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING PARTITIONS, FAÇADE, LOUVERS ETC., EXCEPT AS NOTED.
 - SIZE AND LOCATION OF ALL CONCRETE CURBS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC., EXCEPT AS SHOWN.
 - SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN.
 - FLOOR AND ROOF FINISHES.
 - EDGE OF SLAB LOCATIONS AROUND THE PERIMETER AND AT INTERIOR OPENINGS, EXCEPT AS SHOWN.
 - DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - STAIRS EXCEPT AS SHOWN.
 - FIREPROOFING.
 - WATERPROOFING.
 - MISCELLANEOUS STEEL REQUIRED FOR SUPPORT OF ARCHITECTURAL ELEMENTS.
- SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR THE FOLLOWING:
 - PIPE RUNS, SLEEVES, HANGERS, TRENCHES EXCEPT AS SHOWN OR NOTED.
 - ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS. CONDUITS SHALL NOT BE CAST IN CONCRETE MEMBERS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.
 - CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL, OR PLUMBING FIXTURES.
 - SIZE AND LOCATION OF EQUIPMENT PADS AND EQUIPMENT ANCHORAGE EXCEPT AS SHOWN OR NOTED.
 - ALL LIGHTNING PROTECTION AND/OR GROUND/EARTHING REQUIREMENTS INCLUDING ANY ASSOCIATED ITEMS EMBEDDED IN OR ATTACHED TO STRUCTURE.
 - VERIFY AND COORDINATE ALL OPENINGS, EQUIPMENT PADS, SLEEVES AND INSERTS WITH REVIEWED SUBMITTALS, AND NOTIFY THE STRUCTURAL ENGINEER USING HIGHLIGHTED DRAWINGS PRODUCED TO SCALE WHERE THESE DEVIATE IN SIZE OR LOCATION FROM THE STRUCTURAL DRAWINGS.
- OPENINGS, POCKETS, ETC., LARGER THAN 6" SHALL NOT BE PLACED IN CONCRETE SLABS, DECKS, WALLS, UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC. LARGER THAN 6" WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.
- DEPRESSIONS IN SLABS SHALL NOT BE PLACED UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW DEPRESSIONS WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT WHICH ARE LOCATED IN STRUCTURAL SLABS.
- THE INFORMATION SHOWN FOR NON-STRUCTURAL ELEMENTS/FINISHES IS GIVEN FOR REFERENCE ONLY, THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR THIS INFORMATION.
- SCALES NOTED ON STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED BY SCALING FROM THE DRAWINGS. THE CONTRACTOR SHALL VERIFY DIMENSIONS NOT NOTED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- CLADDING/FAÇADE/STAIR CONNECTIONS TO THE STRUCTURE SHALL NOT INTRODUCE TORSION AND UNACCEPTABLE LOAD ECCENTRICITIES TO STRUCTURAL MEMBERS. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER WHO MAY REQUIRE ADDITIONAL BRACING TO BE PROVIDED BY THE CLADDING/FAÇADE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CODES AND STANDARDS

- WHERE CODES AND STANDARDS ARE REFERENCED IN THE CONTRACT DOCUMENTS, THEY SHALL BE THE LATEST EDITIONS, UNLESS NOTED OTHERWISE.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF 2015 INTERNATIONAL BUILDING CODE (IBC) INCLUDING REFERENCE STANDARDS, ADDENDA AND APPENDICES WITH 2017 NEW YORK STATE UNIFORM CODE SUPPLEMENT.
- IN ADDITION, THE FOLLOWING CODES, STANDARDS AND SPECIFICATIONS SHALL APPLY WHERE MORE STRINGENT AND AS MODIFIED BY THE BUILDING CODE:
 - ACI 318-11: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY.
 - AISC: STEEL CONSTRUCTION MANUAL, 14TH EDITION.
 - AISC 303-10: CODE OF STANDARD PRACTICE FOR STRUCTURAL STEEL BUILDINGS AND BRIDGE
 - ANSI/AISC 360-10: SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS.
 - ASCE 7-10: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
 - AWS D1.1/D1.1M:2010: STRUCTURAL WELDING CODE-STEEL.
- THE ASTM STANDARDS REFERRED TO IN THE DRAWINGS AND SPECIFICATIONS AND USED IN DESIGN ARE THOSE INCLUDED AS REFERENCED STANDARDS TO THE PROJECT GOVERNING CODE(S). WHERE AN ASTM STANDARD HAS SUBSEQUENTLY BEEN REVISED, CONSTRUCTION SHALL COMPLY WITH BOTH THE LATEST EDITION OF THAT STANDARD AND THE EDITION OF THAT STANDARD REFERENCED IN DESIGN. WHERE IT IS NOT POSSIBLE TO SATISFY THE REQUIREMENTS OF BOTH EDITIONS OF THE STANDARDS DUE TO A CONFLICT BETWEEN THEM, NOTIFY THE ARCHITECT AND ENGINEER BEFORE PROCEEDING.

TEMPORARY WORK

- ALL TEMPORARY WORK SHALL BE DESIGNED, INSTALLED AND CARRIED OUT BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT GOVERNING CODE(S).
- THE DRAWINGS INDICATE THE COMPLETED STRUCTURE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL TEMPORARY MEASURES NECESSARY FOR ERECTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE PROPER SHORING AND BRACING WHEREVER NECESSARY. ALL TEMPORARY SHORING/BRACING SHALL BE DESIGNED BY A CIVIL AND/OR STRUCTURAL ENGINEER REGISTERED IN NEW YORK STATE.
- THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE SHORING DRAWINGS AND CALCULATIONS TO THE AUTHORITY HAVING JURISDICTION AS REQUIRED.
- CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LIVE LOADS PER SQUARE FOOT AS SHOWN ON THE DRAWINGS. PROVIDE SHORING AND/OR BRACING WHERE THE STRUCTURE HAS NOT ATTAINED ITS DESIGN STRENGTH.

DESIGN BASIS

- SUPERIMPOSED DEAD LOADS: REFER TO LOADING DIAGRAMS.
- LIVE LOADS: REFER TO LOADING DIAGRAMS.
- WIND LOADS:

PARAMETER	VALUE
BASIC WIND SPEED, V	115 MPH
WIND IMPORTANCE FACTOR, I	1.00
WIND EXPOSURE CATEGORY	B
OCCUPANCY CATEGORY	II
GUST FACTOR, G = 0.85	0.85
DIRECTIONALITY FACTOR, K _d = 0.85	0.85

- SNOW LOADS:

PARAMETER	VALUE
GROUND SNOW LOAD	30 PSF
SNOW IMPORTANCE FACTOR, I	1.00
SNOW EXPOSURE CATEGORY	B
THERMAL FACTOR	0.9
UNBALANCED DRIFT PER CODE	

- SEISMIC LOADS:

PARAMETER	VALUE
SEISMIC IMPORTANCE FACTOR, I	1.00
SITE CLASS	D
S _{ms}	0.360g
S _{m1}	0.164g
S _{ds}	0.240g
S _{d1}	0.109g
OCCUPANCY CATEGORY	II
SEISMIC DESIGN CATEGORY	B
SEISMIC FORCE-RESISTING SYSTEM	CONCENTRIC BRACED FRAME
RESPONSE MODIFICATION COEFFICIENT, R	3.25
SEISMIC RESPONSE COEFFICIENT, C _s	
DESIGN BASE SHEAR, V	470KIP
SYSTEM OVERSTRENGTH FACTOR, Q ₀	
DEFLECTION AMPLIFICATION FACTOR, C _d	
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

FOUNDATIONS

- THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT BY TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C. DATED JANUARY 3, 2020.

- THE FOLLOWING PARAMETERS WERE USED IN THE DESIGN OF FOUNDATIONS:

PARAMETER	VALUE
BEARING PRESSURE, B/FTG < 4'-0" FROM EX GRADE	4000 PSF
BEARING PRESSURE, B/FTG > 4'-0" FROM EX GRADE	6000 PSF
BEARING PRESSURE, POND PAVILION	2000 PSF
SUBGRADE MODULUS	125 PCI

- REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION ON GENERAL SUBSURFACE PROFILES, SOIL PROPERTIES, EXISTING SITE FEATURES AND ALL OTHER CONDITIONS AFFECTING FOUNDATION INSTALLATION.
- REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION ON SUBGRADE PREPARATION FOR SLAB-ON-GRADE CONSTRUCTION.
- REFER TO THE GEOTECHNICAL REPORT FOR REQUIREMENTS FOR EXCAVATIONS, GRADING, COMPACTION AND BACKFILLING BEHIND WALLS RETAINING EARTH.
- BACKFILLING AGAINST RETAINING/BASEMENT WALLS WHERE THERE IS GRADE ON BOTH SIDES OF THE WALL SHALL BE CARRIED OUT IN SUCH A MANNER THAT THE DIFFERENCE IN SOIL LEVEL IS NEVER MORE THAN 3.0 FEET. DO NOT PLACE BACKFILL BEHIND WALLS RETAINING EARTH BEFORE CONCRETE HAS ATTAINED FULL DESIGN STRENGTH UNLESS TEMPORARY BRACING IS PROVIDED.
- BACKFILL SHALL NOT BE PLACED AGAINST WALLS RETAINING EARTH (OTHER THAN CANTILEVER WALLS) UNTIL THE ATTACHING FLOORS/SLABS (AT TOP AND BOTTOM OF THE WALL) ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL DESIGN STRENGTH.
- NEW FOOTINGS WHICH ARE LOCATED IMMEDIATELY ADJACENT TO EXISTING FOOTINGS SHALL BE FOUNDED AT THE SAME ELEVATION AS THE EXISTING FOOTINGS UNLESS NOTED OTHERWISE. EXISTING ADJACENT FOOTINGS SHALL NOT BE DETERMINED BY EXCAVATION OR NEW CONSTRUCTION.
- WATER SHALL NOT BE ALLOWED TO STAND IN TRENCHES BEFORE OR AFTER CONCRETE IS PLACED. IF TRENCHES BECOME SOFTENED DUE TO RAIN OR OTHER WATER BEFORE THE FOOTINGS ARE CAST, THE GEOTECHNICAL ENGINEER SHALL REVIEW THE CONDITIONS AND PROVIDE THE NECESSARY MITIGATION REQUIREMENTS TO THE CONTRACTOR.
- ALL EXCAVATIONS, COMPACTIONS AND BACKFILLING SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE PLACEMENT OF CONCRETE.
- REFER TO PLUMBING AND/OR CIVIL DRAWINGS FOR UNDER-FLOOR AND PERIMETER WALL DRAINAGE SYSTEMS AND SPECIAL GRANULAR FILL MATERIALS FOR SUCH DRAINAGE.

SUBMITTALS

- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS AS BOTH SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER AS REQUIRED BY THE SPECIFICATIONS, FOR ENGINEER'S APPROVAL.
- ONLY SHOP DRAWINGS MARKED "NO EXCEPTIONS TAKEN", "REVISE AS NOTED" OR "SEE COMMENTS NOTED" MAY BE USED BY CONTRACTOR IN THE WORK. SHOP DRAWINGS MARKED "REJECTED" OR "RESUBMIT FOR REVIEW" SHALL BE CORRECTED AND COMPLETED AS REQUIRED AND RESUBMITTED TO THE ARCHITECT BEFORE THEY ARE USED IN THE WORK.
- CONTRACTOR SHALL PREPARE AND MAINTAIN A SCHEDULE OF ALL SUBMITTALS INCLUDING INTENDED DATES OF SUBMISSION AND NUMBER OF DRAWINGS TO BE SUBMITTED EACH WEEK.
- THE CONTRACTOR SHALL BE AWARE THAT SUBMITTALS WILL BE REVIEWED IN THE ORDER IN WHICH THEY ARE RECEIVED. THE CONTRACTOR SHALL PLAN ACCORDINGLY.
- SUBMIT ALL ITEMS IN ACCORDANCE WITH THE SPECIFICATIONS. THE ENGINEER RESERVES THE RIGHT TO NOT REVIEW ANY OTHER ITEMS.

CONCRETE

- STRUCTURAL CONCRETE STRENGTHS AND TYPES USED IN THIS PROJECT SHALL BE AS FOLLOWS:

LOCATION IN STRUCTURE	f _c	DENSITY
SLAB ON GRADE	4000 PSI	150 PCF
LIGHTWEIGHT CONCRETE FILL ON METAL DECK (INCLUDING CURBS, EQUIPMENT PADS, ETC. ON METAL DECK SLABS)	4000 PSI	115 PCF
FOUNDATIONS (FOOTINGS, PILE CAPS, GRADE BEAMS)	4000 PSI	150 PCF
WALLS	4000 PSI	150 PCF
FORMED SLABS, COLUMNS AND BEAMS (INCLUDING CURBS, EQUIPMENT PADS, ETC. ON FORMED SLABS)	4000 PSI	150 PCF
ALL OTHER CONCRETE	4000 PSI	150 PCF

f_c IS THE 28-DAY COMPRESSIVE STRENGTH AS DEFINED IN ACI 318.

- ALL CONCRETE MIXES SHALL COMPLY WITH THE REQUIREMENTS OF THE PROJECT GOVERNING CODE(S). MIX DESIGNS FOR EACH TYPE AND STRENGTH SHALL BE PREPARED BY CONTRACTOR AND TESTED BY AN INDEPENDENT TESTING LABORATORY. THE MIX DESIGNS SHALL THEN BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- NORMAL WEIGHT AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C33. LIGHTWEIGHT AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C330 AND ASTM C157.
- ALL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.
- CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE CONSTRUCTION JOINT SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED. ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER SHALL BE REMOVED IMMEDIATELY BEFORE NEW CONCRETE IS PLACED. PROVIDE CLASS "B" SPLICE AT ALL REINFORCEMENT CROSSING CONSTRUCTION JOINTS, TYPICAL UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL COORDINATE AND INSTALL ALL REQUIRED EMBEDDED ITEMS, SLEEVES, POCKETS, ETC. PRIOR TO CONCRETE PLACEMENT. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE WALLS/SLABS BEFORE PLACING CONCRETE. DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. PIPES AND/OR CONDUITS SHALL NOT PASS THROUGH COLUMNS AND BEAMS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.
- CORING OF CONCRETE AFTER PLACEMENT IS NOT PERMITTED.
- THE PROJECTING CORNERS OF COLUMNS, BEAMS, WALLS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER, UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL NOTIFY THE TESTING AGENCY AND OWNER 48 HOURS BEFORE POURING OF CONCRETE FOR INSPECTION OF REINFORCEMENT LAYOUT. NO CONCRETE SHALL BE POURED UNLESS ALL REINFORCEMENT AND INSTALLATIONS HAVE BEEN INSPECTED AND APPROVED BY THE TESTING AGENCY.
- LOCATION OF CONSTRUCTION JOINTS SHALL BE AS INDICATED ON STRUCTURAL DRAWINGS.
- CONCRETE CAST ON SLOPED SURFACES SHALL BEGIN AT THE LOWEST ELEVATION AND CONTINUE MONOLITHICALLY TOWARD THE HIGHER ELEVATION UNTIL THE INTENDED CAST IS COMPLETED.
- NO ALUMINUM SHALL BE CAST IN CONCRETE.
- REFER TO ARCHITECTURAL DRAWINGS FOR FINISHING OF ALL EXPOSED CONCRETE SURFACES.
- REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60. REINFORCING BARS WHICH ARE TO BE WELDED SHALL CONFORM TO APPLICABLE ASTM AND AWS SPECIFICATIONS.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. USE ONLY FLAT SHEETS. MINIMUM LAP OF WELDED WIRE REINFORCEMENT SHALL BE 6" OR ONE FULL MESH PLUS 2", WHICHEVER IS GREATER.
- PROVIDE DEVELOPMENT AND SPLICES OF REINFORCEMENT ACCORDING TO THE TYPICAL DETAILS TABLE. LAP SPLICES SHALL BE SECURELY TIED AT ALL SIZES AND END LAPS.
- REINFORCING BARS MARKED AS "CONTINUOUS" SHALL BE TENSION SPLICED, UNLESS OTHERWISE SHOWN ON DRAWINGS.
- REINFORCING BAR SPLICES SHALL BE MADE ONLY WHERE INDICATED ON THE DRAWINGS. WHERE SPLICE LOCATIONS ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL SHOW THEIR PROPOSED SPLICE LOCATIONS ON THE SHOP DRAWINGS.
- ALL BARS AT NON-CONTINUOUS ENDS SHALL HAVE A STANDARD HOOK.
- WELDING OF REINFORCING STEEL BARS SHALL BE IN ACCORDANCE WITH AWS D1.4. WELD REINFORCING BARS ONLY WHERE INDICATED ON THE DRAWINGS. TACK WELDING OR WELDING OF BARS TO PLATES, TEMPLATES, ETC. IS PROHIBITED, UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS.
- DOWELS CONNECTING WALLS OR COLUMNS TO FOUNDATIONS SHALL BE THE SAME GRADE, SIZE AND SPACING AS THE VERTICAL REINFORCING BARS IN THE WALLS OR COLUMNS, UNLESS NOTED OTHERWISE.
- ALL DOWELS SHALL BE FULLY DEVELOPED IN TENSION UNLESS NOTED OTHERWISE.
- BARS SHALL NOT BE BENT OR TWISTED IN THE FIELD, UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.
- ALL REINFORCING BARS, INSERTS, EMBEDS ETC. SHALL BE SECURELY HELD IN PLACE TO MAINTAIN THEIR POSITIONS WHILE CONCRETE IS POURED. PROVIDE SUITABLE CHAIRS, TIES, SPACERS, ADDITIONAL BARS AND STIRRUPS AS REQUIRED.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title

Structural General Notes, Sheet 1

Date	11/06/20
Scale	12" = 1'-0"
Drawing Number	S-A-002
Sheet Size	ARCH D

STRUCTURAL STEEL

- STRUCTURAL STEEL MEMBERS SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE:

SHAPE	GRADE	YIELD STRENGTH Fy (KSI)
WIDE FLANGE SHAPES	ASTM A992	50
TEES	ASTM A992	50
CHANNELS	ASTM A36	36
ANGLES	ASTM A36	36
PLATES	ASTM A572 GRADE 50	50
BAR	ASTM A500 GRADE 50	50
SQUARE & RECTANGULAR HSS	ASTM A500 GRADE B	46
ROUND HSS	ASTM A500 GRADE B	42
STEEL PIPE	ASTM A53 GRADE B	35

- HIGH-STRENGTH BOLTS SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE:

BOLT TYPE	REMARKS
ASTM A325	WHERE NOTED ON DRAWINGS
ASTM A490	WHERE NOTED ON DRAWINGS
ASTM A307 GRADE A	MACHINE BOLTS WHERE NOTED ON DRAWINGS

- WHERE NON-SLIP CRITICAL BOLTS ARE SPECIFIED THEY SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION. SEE DETAILS AND SCHEDULES FOR BOLT DIAMETERS AND SCHEDULES.
- ALL BOLT HOLES SHALL BE STANDARD SIZE HOLES (1/16" LARGER IN DIAMETER THAN THE DIAMETER OF THE BOLT) UNLESS NOTED OTHERWISE.
- ALL BOLTS SPECIFIED AS SLIP CRITICAL BOLTS (A325-SC OR A490-SC) SHALL HAVE CLASS A FAYING SURFACES UNLESS NOTED OTHERWISE.
- AT ALL SLIP CRITICAL CONNECTIONS SLIP IS CHECKED AT THE FACTORED LOAD LEVEL UNLESS NOTED OTHERWISE.
- ALL STEEL MEMBERS FRAMING INTO CONCRETE WALLS/COLUMNS/BEAMS SHALL BE DETAILED TO SUIT CONCRETE FIELD TOLERANCES. COORDINATE WITH CONCRETE CONTRACTOR AND/OR CONDUCT FIELD SURVEYS AS NECESSARY PRIOR TO STEEL FABRICATION.
- CUTTING AND DRILLING OF STRUCTURAL STEEL MEMBERS IN THE FIELD IS NOT PERMITTED.
- NO OPENINGS AND/OR PENETRATIONS SHALL BE PLACED IN STEEL MEMBERS UNLESS SPECIFICALLY SHOWN AND DETAILED ON THE STRUCTURAL DRAWINGS.
- ALL STEEL MEMBERS RELATED TO ELEVATORS SHALL BE COORDINATED WITH THE ELEVATOR CONTRACTOR PRIOR TO FABRICATION.
- REFER TO SPECIFICATIONS FOR STEELWORK PROTECTION AND COATINGS.
- SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF SPLICE. SPLICES SHALL BE MADE ONLY AT LOCATIONS INDICATED ON DRAWINGS. FULL DETAIL AND BACK-UP CALCULATIONS OF SPLICES REQUIRE REVIEW AND APPROVAL BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING, GUYING AND CONNECTION MEMBERS REQUIRED TO ERECT TEH STRUCTURE. MAINTAIN CORRECT ALIGNMENT AND SAFELY RESIST ALL REQUIRED COMBINATIONS OF DEAD, CONSTRUCTION, ERECTION, WIND AND OTHER LATERAL LOADS.
- SHAPE AND SIZE GUSSET PLATES IN SUCH A MANNER AS TO CLEAR ALL ARCHITECTURAL FINISHES AND MECHANICAL FIXTURES (DUCTS, PIPES, ETC.).
- WELDS SHALL BE MADE USING LOW-HYDROGEN ELECTRODES WITH MINIMUM TENSILE STRENGTH OF 70 KSI (E70XX ELECTRODES) UNLESS NOTED OTHERWISE.
- WELD LENGTHS CALLED FOR ON DRAWINGS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE LENGTH OF WELD IS NOT SHOWN IT SHALL BE THE FULL LENGTH OF JOINT.
- ALL PARTIAL PENETRATION GROOVE WELD SIZES SHOWN ON THE DRAWINGS REFER TO THE EFFECTIVE THROAT THICKNESS.
- FILLET WELD SIZES SHOWN ON DRAWINGS ARE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESSES. THE MINIMUM FILLET WELD SIZE SHALL BE 3/16".
- THE CONTRACTOR SHALL DETERMINE THE SEQUENCE AND PROCEDURES OF WELDING TO MINIMIZE THE EFFECT WELD SHRINKAGE, RESIDUAL STRESSES AND TO MAINTAIN ERECTION TOLERANCES.
- ALL STEEL EXPOSED TO WEATHER SHALL HAVE ADDITIONAL SEAL WELDING TO PROTECT THE MEMBERS (PIPES, TUBES, BUILT-UPS) AND THE CONNECTIONS FROM MOISTURE INFILTRATION. THESE ADDITIONAL SEAL WELDS SHALL BE SHOWN ON SHOP DRAWINGS.

STEEL FRAMING NOTES

- STEEL BEAMS ARE PLACED WITH THEIR WEBS IN THE VERTICAL PLANE UNLESS NOTED OTHERWISE.
- DIMENSIONS TO STEEL MEMBERS ARE TO THEIR CENTERLINES UNLESS NOTED OTHERWISE.
- BEAMS NOT LOCATED IN PLAN BY A DIMENSION LINE SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED MEMBERS.
- ALL STEEL BEAMS, INCLUDING BEAMS SHOWN ON FRAME ELEVATIONS, WITH DECKING AND CONCRETE FILL FOR WHICH SHEAR STUDS ARE NOT SPECIFIED SHALL HAVE A MINIMUM OF ONE SHEAR STUD AT 12" ON CENTER UNLESS NOTED OTHERWISE.
- FOR SLOPING MEMBERS, THE TOP OF STEEL ELEVATIONS AT THE LOW AND HIGH POINTS SHALL COINCIDE WITH THE TOP OF STEEL ELEVATIONS OF THE MEMBERS THEY FRAME TO AT THESE LOCATIONS, UNLESS NOTED OTHERWISE.
- CAMBERS INDICATED FOR MEMBERS ARE UPWARD. DOWNWARD CAMBERS ARE GIVEN AS NEGATIVE.
- ALL CONNECTIONS SHALL BE COMPLETED PRIOR TO CASTING SLABS.

STRUCTURAL STEEL CONNECTION NOTES

- CONTRACTOR SHALL PROVIDE THE DESIGN FOR ALL STRUCTURAL STEEL CONNECTIONS NOT COMPLETELY DEFINED IN THE DRAWINGS. CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO DESIGN SUCH CONNECTIONS.
- REFER TO STEEL CONNECTION TYPICAL DETAILS FOR STEEL CONNECTION REQUIREMENTS, MINIMUM REACTIONS AND ADDITIONAL INFORMATION.

TIMBER

- MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH PROJECT CODES(S) AND STANDARD(S).
- ALL EXPOSED GLULAM AND LVL CLT SHALL BE ARCHITECTURAL GRADE
- GLULAM PROPERTIES (24F-V1 SP/SP), MINIMUM AS FOLLOWS:
 $F_{bW} = 2400$ PSI
 $F_{bC} = 1750$ PSI (USE BALANCED LAYUP AT CANTILEVERED BEAMS)
 $F_{cDx} = 650$ PSI
 $F_{w} = 300$ PSI
 $E_x = 1.7 \times 10^6$ PSI
 $E_{xMIN} = 0.9 \times 10^6$ PSI
 $F_t = 1100$ PSI
 $F_c = 1500$ PSI
 $G = 0.55$
- GLULAM PROPERTIES (24F-V5 SP/SP), MINIMUM AS FOLLOWS:
 $F_{bW} = 2400$ PSI
 $F_{bW} = 24000$ PSI (USE BALANCED LAYUP AT CANTILEVERED BEAMS)
 $F_{cDx} = 740$ PSI
 $F_{w} = 300$ PSI
 $E_x = 1.7 \times 10^6$ PSI
 $E_{xMIN} = 0.9 \times 10^6$ PSI
 $F_t = 1150$ PSI
 $F_c = 1600$ PSI
 $G = 0.55$
- LVL PROPERTIES (MICROLLAM 2.0E), MINIMUM AS FOLLOWS:
 $F_{bW} = 2000$ PSI
 $F_{bW} = 750$ PSI
 $F_{w} = 285$ PSI
 $E_x = 2.0 \times 10^6$ PSI
 $E_{xMIN} = 1.016535 \times 10^6$ PSI
 $F_t = 1895$ PSI
 $F_c = 2510$ PSI
- ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO PROJECT CODE(S). PROVIDE CHECKED SHOP FABRICATION AND ERECTION DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- ALL SAWN LUMBER SHALL BE STRESS GRADED DOUGLAS FIR LARCH. UNLESS OTHERWISE NOTED. ALL 2x STUDS SHALL BE STRESS GRADED DOUGLAS FIR LARCH. PROVIDE AIR DRY LUMBER WITH 19% MAXIMUM MOISTURE CONTENT.
- ALL WOOD IN DIRECT CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE TREATED WITH A PRESERVATIVE.
- ALL WALLS SHALL BE BOLTED TO FOUNDATIONS (CONCRETE OR CONCRETE BLOCK) WITH 5/8" DIAMETER x 12" MINIMUM ANCHOR BOLTS WITHIN 9" OF THE ENDS OF EACH WALL PANEL AND NOT MORE THAN 4'-0" ON CENTER OR (2)-5'16" MINIMUM DIAMETER SHOT PINS WITHIN 9" AND 10" RESPECTIVELY OF THE ENDS OF EACH WALL PANEL AND NOT MORE THAN 1'-6" ON CENTER MAXIMUM EXCEPT AS CALLED OUT FOR SHEAR WALLS.
- ALL JOISTS AND RAFTERS SHALL BE BLOCKED AT SUPPORTS AND AT 8'-0" ON CENTER WITH 1x4 WOOD CROSS BRIDGING. SOLID 2x BLOCKING 2" SHALLOWER THAN JOISTS OR APPROVED METAL CROSS BRIDGING. BLOCKING AT ENDS MAY BE OMITTED WHERE JOISTS HANGERS APPROVED FOR USE WITHOUT SOLID BLOCKING ARE USED.
- A DOUBLE PLATE MADE OF TWO MEMBERS OF THE SAME SIZE AS THE STUDS SHALL BE PLACED AT THE TOP OF EVERY BEARING PARTITION OR EXTERIOR WALL. SUCH DOUBLE PLATES SHALL BE LAPPED AT CORNER AND SPLICE JOINTS. THE UPPER AND LOWER MEMBERS AT SPLICE JOINTS SHALL BE AT LEAST FOUR FEET APART. SEE DETAIL XXXX.
- SHEAR WALLS AND BEARING PARTITIONS SHALL BE FRAMED OF 2x6 STUDS AT 16" ON CENTER, UNLESS NOTED OTHERWISE. PROVIDE 2x SOLID BLOCKING AT MID HEIGHT OF STUD WALL (8'-0" MAX.)
- USE DOUBLE STUDS OR 4x6 POSTS UNDER DOUBLE JOISTS OR 6x6 BEAMS, UNLESS OTHERWISE NOTED ON FRAMING PLANS.
- ALL NAILING SCHEDULE SHALL BE DONE WITH COMMON NAILS. NAILING FOR DIAPHRAGMS AND ALL SHEAR WALLS SHALL BE INSPECTED BY THE INSPECTOR OF RECORD PRIOR TO COVERING.
- ALL BOLTS IN WOOD SHALL BE UNFINISHED BOLTS CONFORMING TO ASTM A-307, UNLESS NOTED OTHERWISE. HOLES SHALL NOT BE MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. PROVIDE PLATE WASHERS AT ALL BOLTS.
- PLYWOOD SHALL BE INTERIOR TYPE WITH EXTERIOR GLUE CONFORMING TO PSI-74 OF GRADE CALLED FOR BELOW AND LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. USE COMMON NAILS.
 - ROOF AND FLOOR SHEATHING SHALL BE 3/4" PLYWOOD, STRUCT. I (STD.) NAILED WITH 10d NAILS AT 4" ON CENTER AT ALL DIAPHRAGM AND WALL BOUNDARIES. CONTINUOUS PANEL EDGES ARE BLOCKED. 10d NAILS AT 6" ON CENTER AT PLYWOOD PANEL EDGES AND 10d NAILS AT 12" ON CENTER TO INTERMEDIATE SUPPORTS. INDEX #48/24.
 - PLYWOOD SHEATHING SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR OF RECORD PRIOR TO COVERING WITH ROOFING MATERIAL.
 - SOLID BLOCKING AT EDGES ARE REQUIRED FOR PLYWOOD ONLY WHERE CALLED FOR ON DRAWINGS.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center

Administration Building

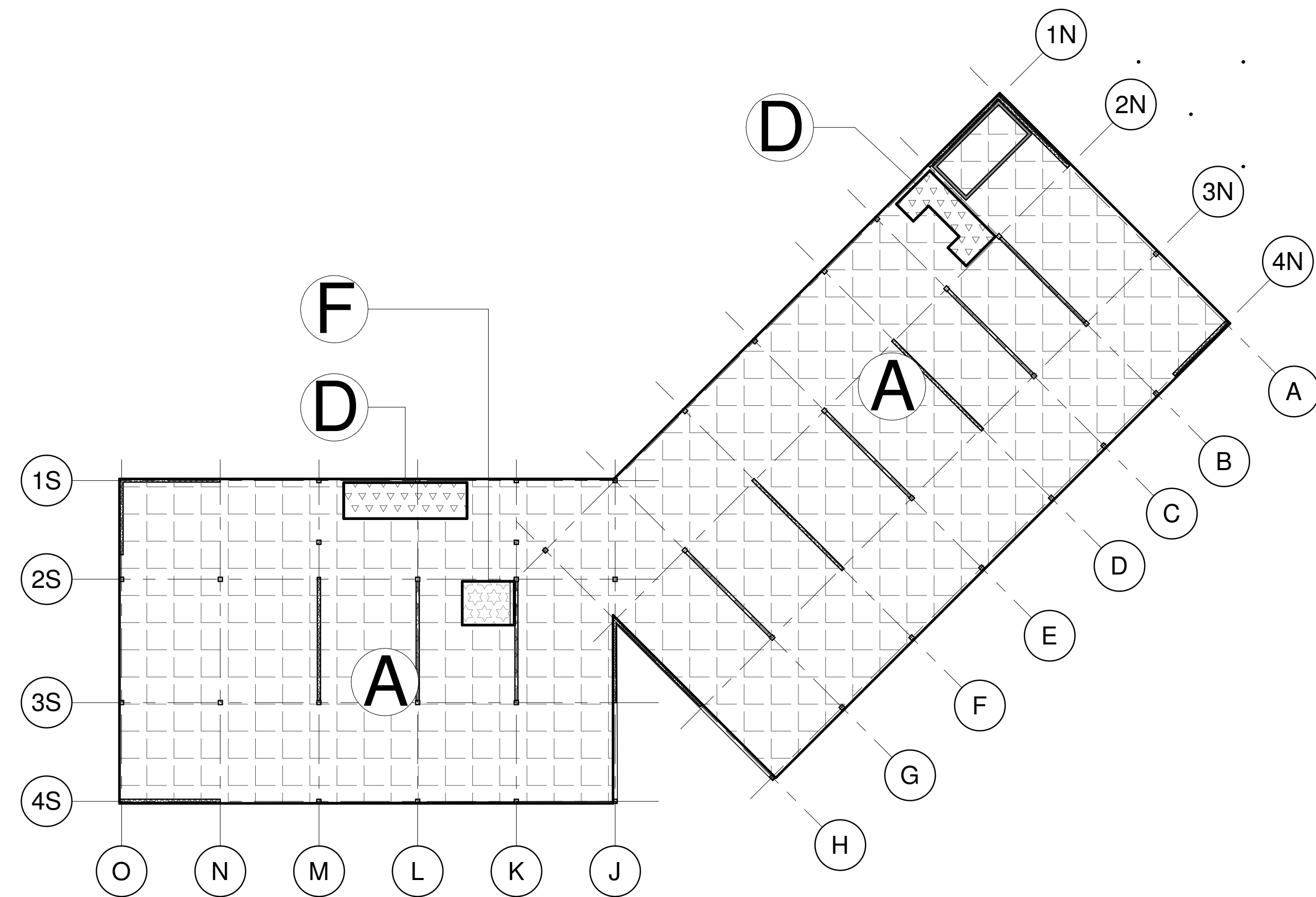
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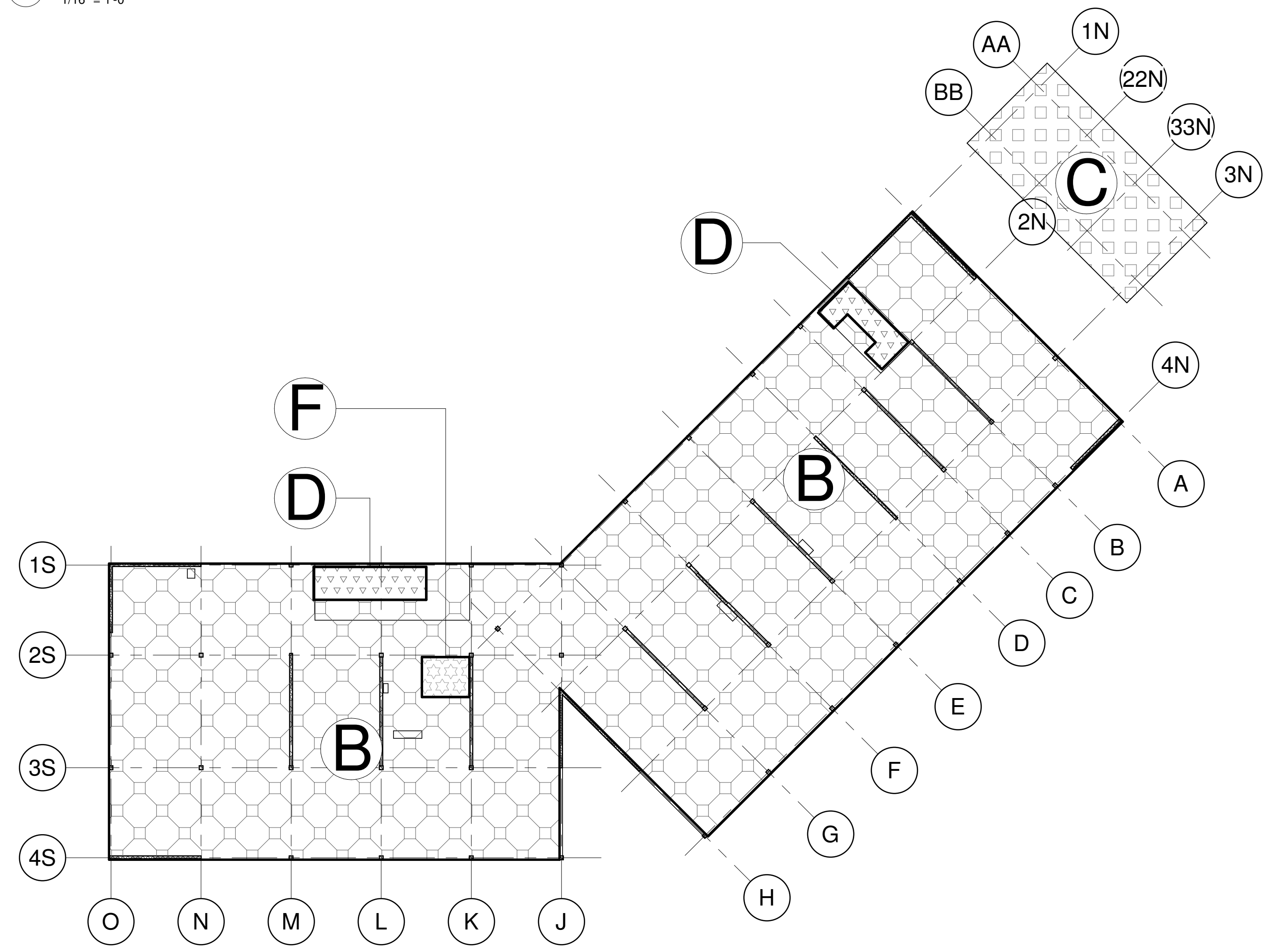
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Structural General Notes, Sheet 2

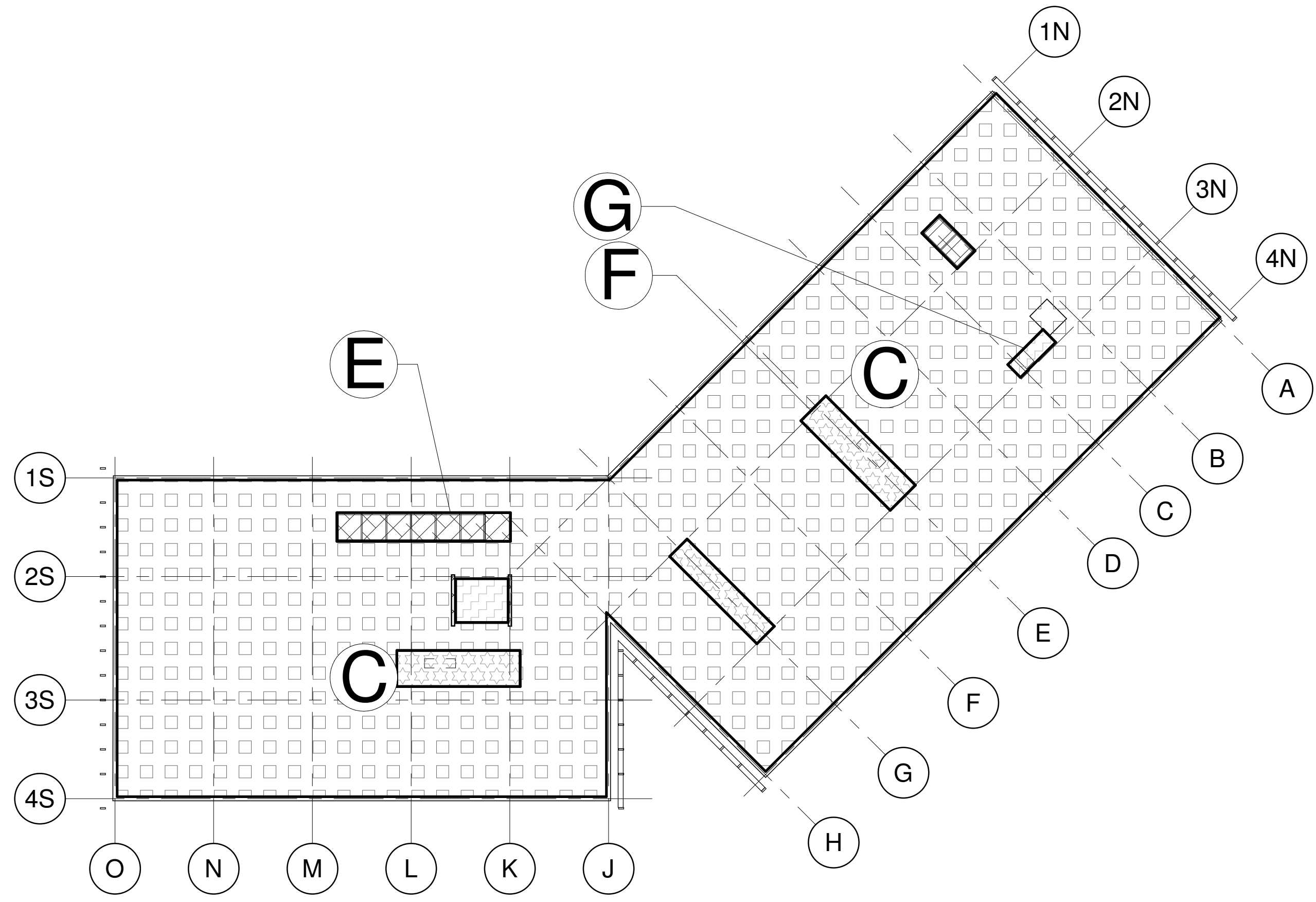
Date	11/06/20
Scale	12" = 1'-0"
Drawing Number	S-A-003
Sheet Size	ARCH D



1 GROUND LEVEL
1/16" = 1'-0"



2 SECOND LEVEL
1/16" = 1'-0"



3 ROOF LEVEL
1/16" = 1'-0"

AREA	A	B	C	D	E	F
DESCRIPTION	GROUND	LEVEL 2	ROOF	STAIR	SKYLIGHT	MECHANICAL
TOTAL DEAD LOAD (PSF)	20	30	25	25	15	25
LIVE LOAD (PSF)	65	65	20	100	0	75
SNOW LOAD (PSF)	-	-	23	-	23	-

NOTE: TIMBER SELF WEIGHT INCLUDED IN TOTAL DEAD LOAD ALLOWANCE

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Key Plan

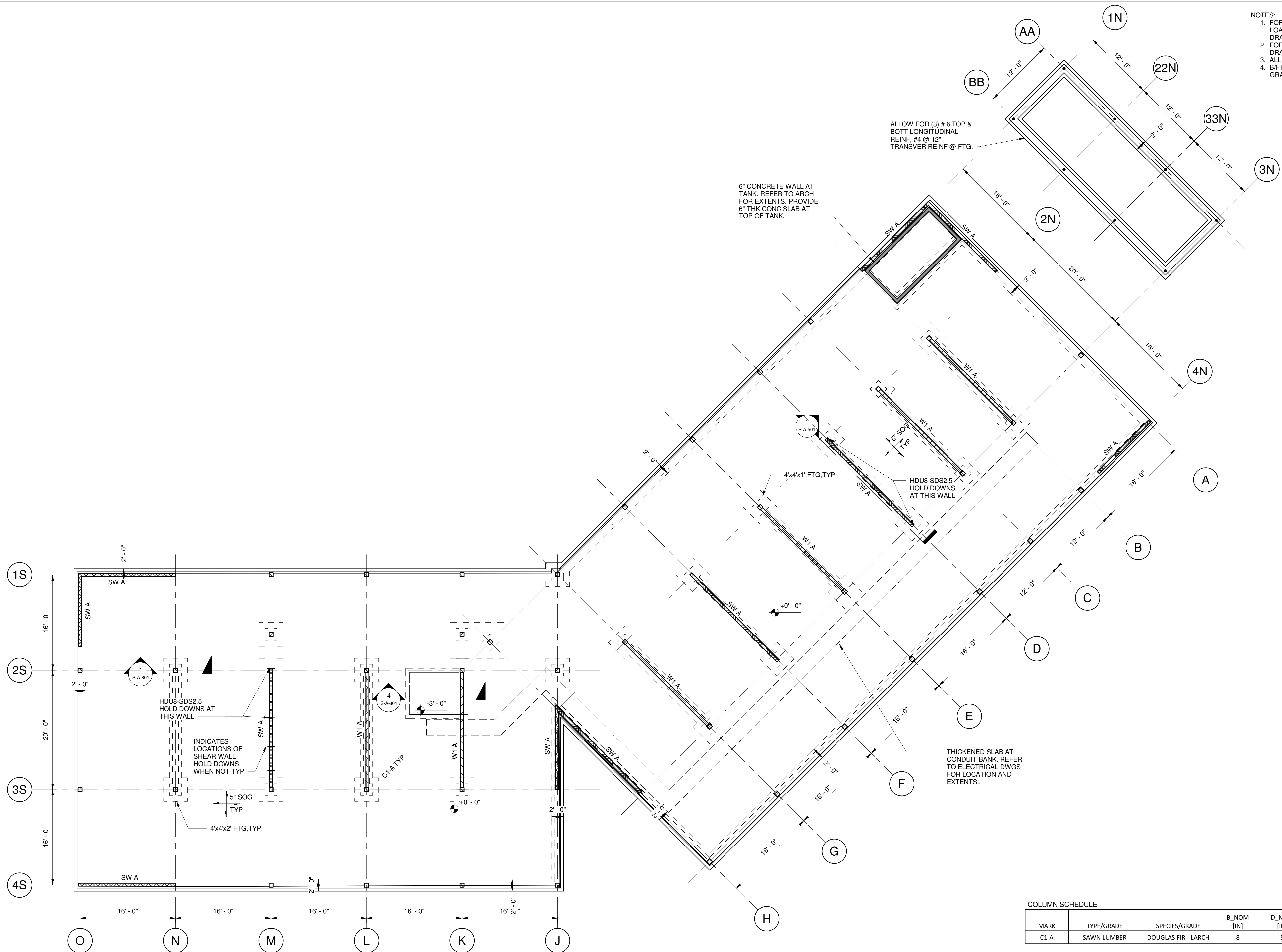
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Structural Loading
Plans

Date	11/06/20
Scale	As indicated
Drawing Number	S-A-010
Sheet Size	ARCH D



- NOTES:
1. FOR GENERAL NOTES AND LOADING DIAGRAMS, REFER TO DRAWINGS S-A-0XX SERIES.
 2. FOR TYPICAL DETAILS, REFER TO DRAWINGS S-A-7XX SERIES.
 3. ALL FTGS TO BE 2'-0" THICK U.N.O.
 4. B/FTG AT -3'-6" BELOW FINISHED GRADE U.N.O.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

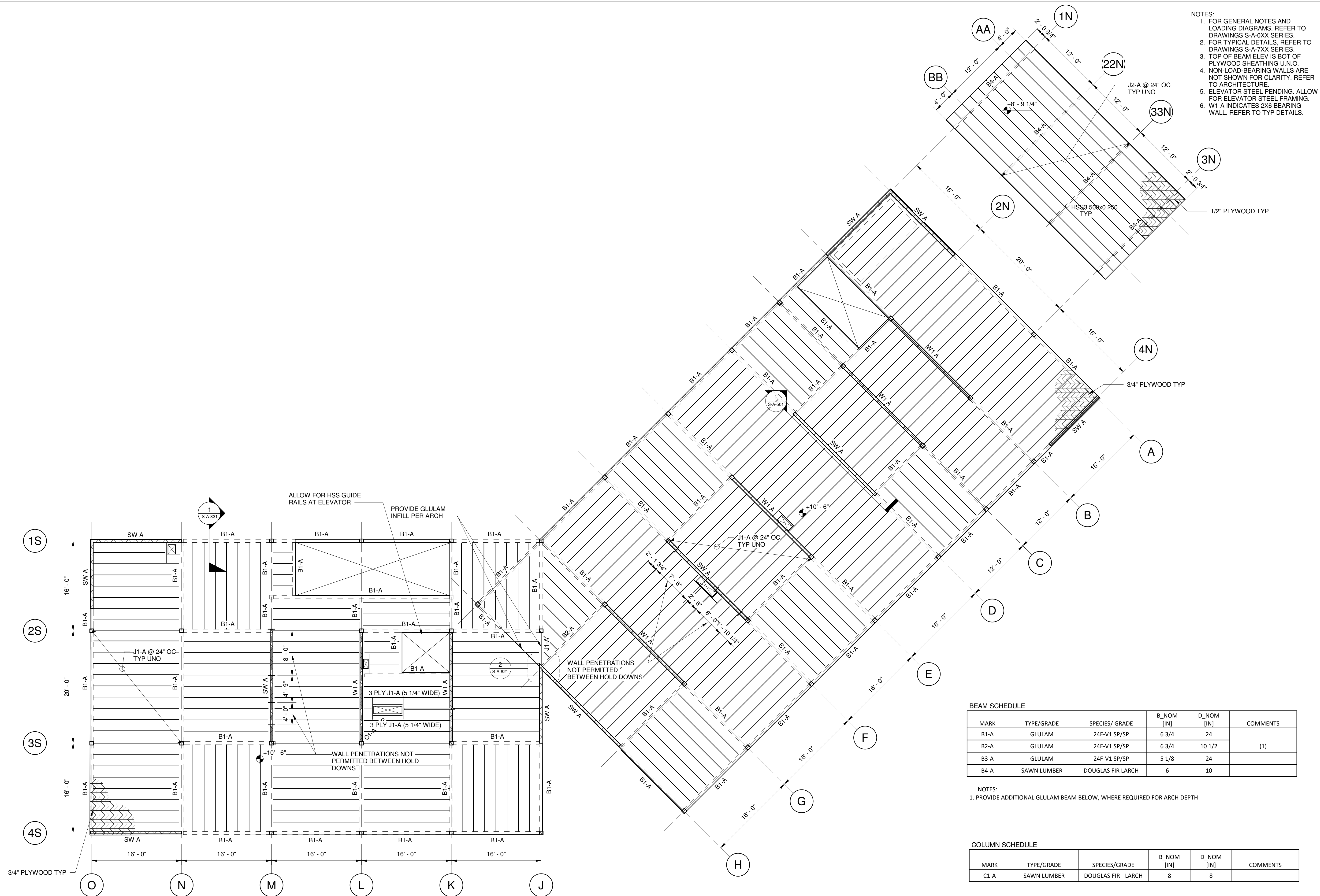
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COLUMN SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
C1-A	SAWN LUMBER	DOUGLAS FIR - LARCH	8	8	

NOT FOR CONSTRUCTION
 Drawing Title
 Foundation Plan,
 Ground Level

Date	11/06/20
Scale	As indicated
Drawing Number	S-A-101
Sheet Size	ARCH D



- NOTES:
- FOR GENERAL NOTES AND LOADING DIAGRAMS, REFER TO DRAWINGS S-A-DXX SERIES.
 - FOR TYPICAL DETAILS, REFER TO DRAWINGS S-A-7XX SERIES.
 - TOP OF BEAM ELEV IS BOT OF PLYWOOD SHEATHING U.N.O.
 - NON-LOAD-BEARING WALLS ARE NOT SHOWN FOR CLARITY. REFER TO ARCHITECTURE.
 - ELEVATOR STEEL PENDING. ALLOW FOR ELEVATOR STEEL FRAMING.
 - W1-A INDICATES 2X6 BEARING WALL. REFER TO TYP DETAILS.

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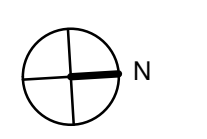
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Key Plan



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50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Framing Plan, Second Level

BEAM SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
B1-A	GLULAM	24F-V1 SP/SP	6 3/4	24	
B2-A	GLULAM	24F-V1 SP/SP	6 3/4	10 1/2	(1)
B3-A	GLULAM	24F-V1 SP/SP	5 1/8	24	
B4-A	SAWN LUMBER	DOUGLAS FIR - LARCH	6	10	

- NOTES:
- PROVIDE ADDITIONAL GLULAM BEAM BELOW, WHERE REQUIRED FOR ARCH DEPTH

COLUMN SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
C1-A	SAWN LUMBER	DOUGLAS FIR - LARCH	8	8	

JOIST SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
J1-A	2.0E LVL	MICROLLAM	3 1/2	9 1/2	2 PLY 3/4 X 9 1/2
J2-A	SAWN LUMBER	DOUGLAS FIR - LARCH	2	10	

Date	11/06/20
Scale	As indicated
Drawing Number	S-A-301
Sheet Size	ARCH D

- NOTES:
- FOR GENERAL NOTES AND LOADING DIAGRAMS, REFER TO DRAWINGS S-A-0XX SERIES.
 - FOR TYPICAL DETAILS, REFER TO DRAWINGS S-A-7XX SERIES.
 - TOP OF BEAM ELEV IS BOT OF PLYWOOD SHEATHING U.N.O.
 - NON-LOAD-BEARING WALLS ARE NOT SHOWN FOR CLARITY. REFER TO ARCHITECTURE.
 - ELEVATOR STEEL PENDING. ALLOW FOR ELEVATOR STEEL FRAMING. W1-A INDICATES 2X6 BEARING WALL. REFER TO TYP DETAILS.

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Key Plan



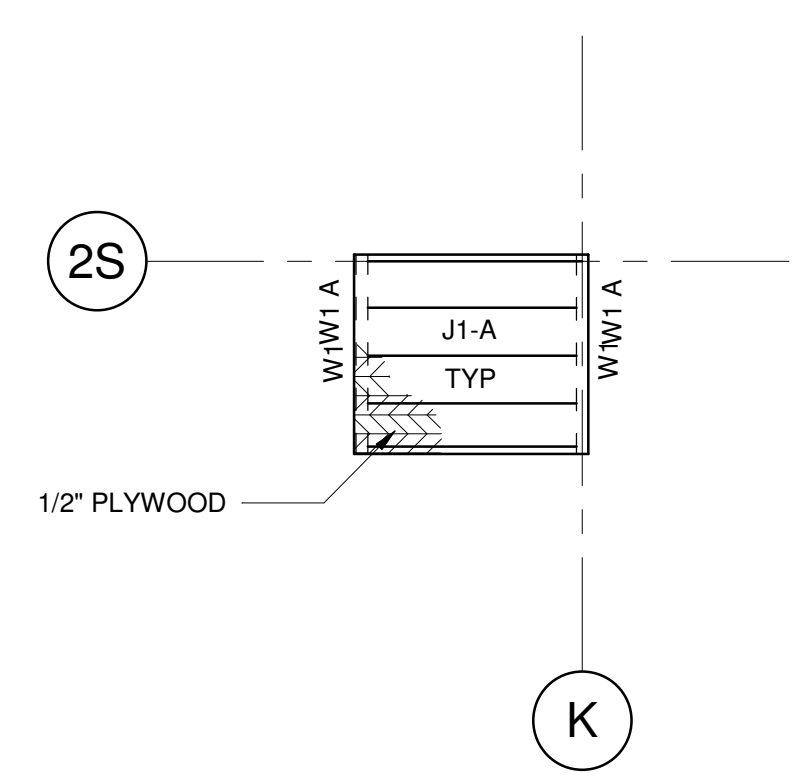
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

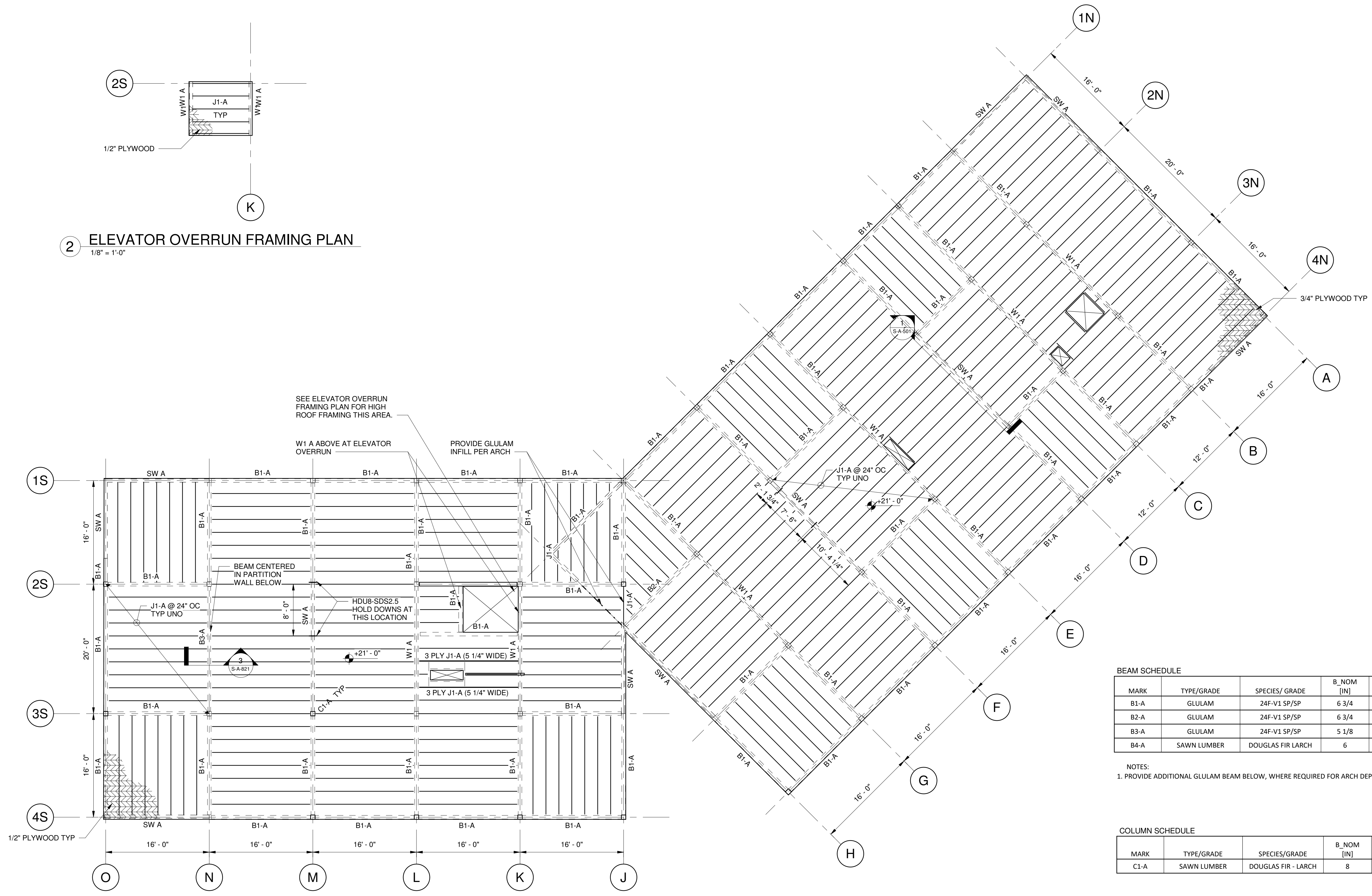
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Framing Plan, Roof Level

Date	11/06/20
Scale	As indicated
Drawing Number	S-A-302
Sheet Size	ARCH D



2 ELEVATOR OVERRUN FRAMING PLAN
 1/8" = 1'-0"



1 ROOF LEVEL FRAMING PLAN
 1/8" = 1'-0"

BEAM SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
B1-A	GLULAM	24F-V1 SP/SP	6 3/4	24	
B2-A	GLULAM	24F-V1 SP/SP	6 3/4	10 1/2	(1)
B3-A	GLULAM	24F-V1 SP/SP	5 1/8	24	
B4-A	SAWN LUMBER	DOUGLAS FIR - LARCH	6	10	

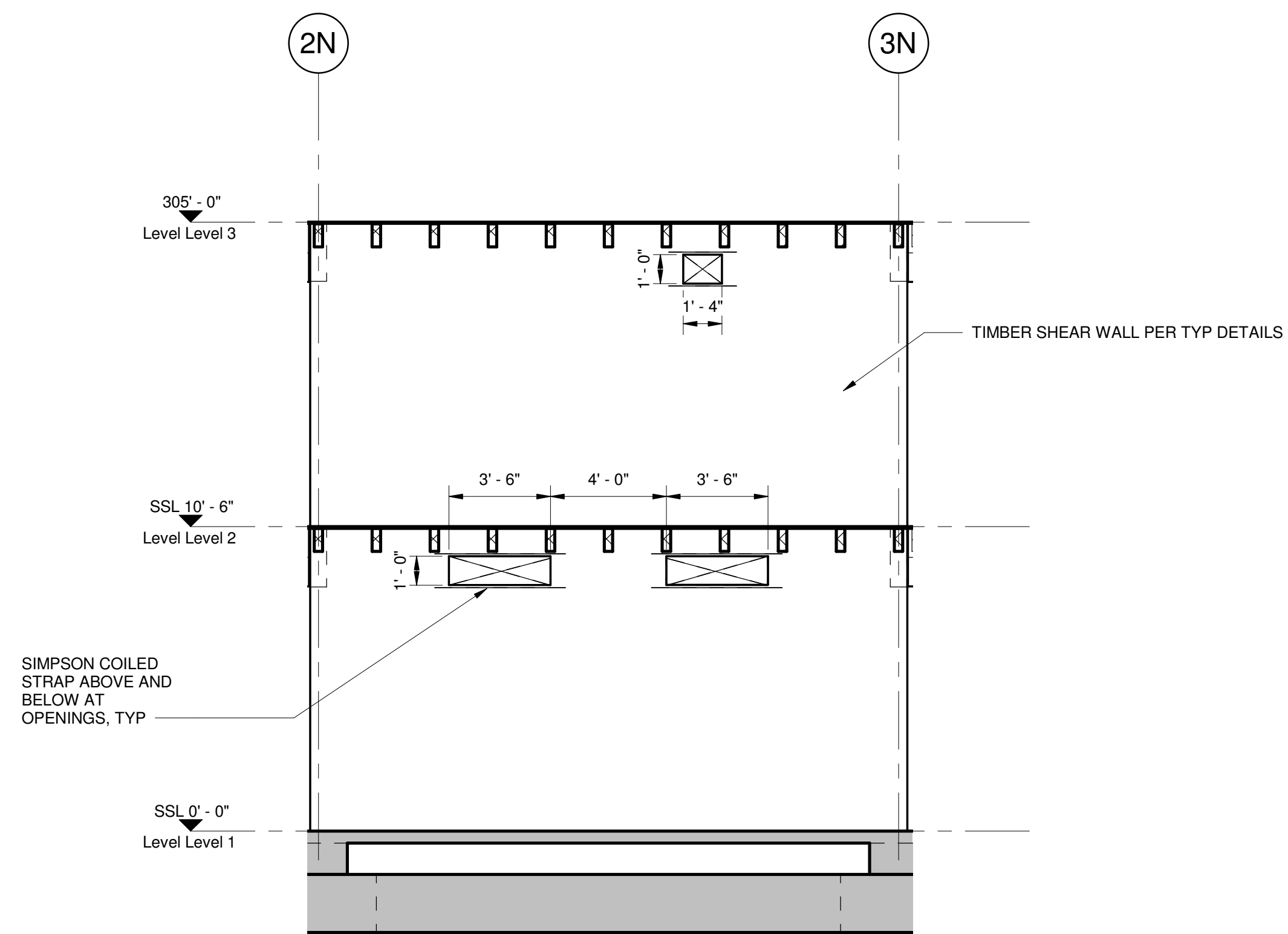
NOTES:
 1. PROVIDE ADDITIONAL GLULAM BEAM BELOW, WHERE REQUIRED FOR ARCH DEPTH

COLUMN SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
C1-A	SAWN LUMBER	DOUGLAS FIR - LARCH	8	8	

JOIST SCHEDULE

MARK	TYPE/GRADE	SPECIES/GRADE	B_NOM [IN]	D_NOM [IN]	COMMENTS
J1-A	2.0E LVL	MICROLLAM	3 1/2	9 1/2	2 PLY 3/4 X 9 1/2
J2-A	SAWN LUMBER	DOUGLAS FIR - LARCH	2	10	



1 Grid D Wall Elevation
1/4" = 1'-0"

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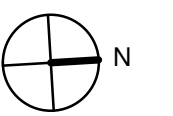
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

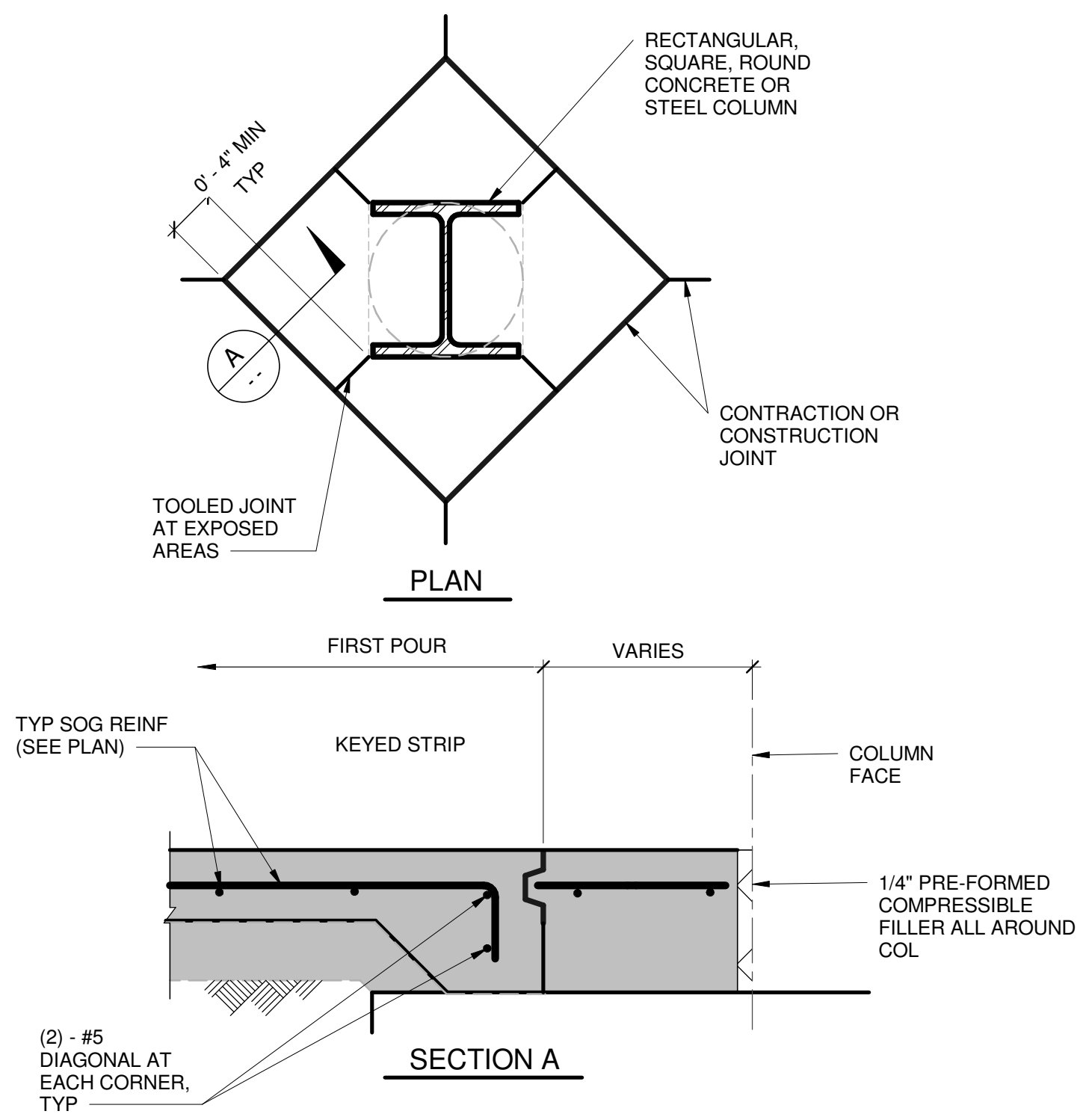
Storm King Art Center Administration Building

Seal

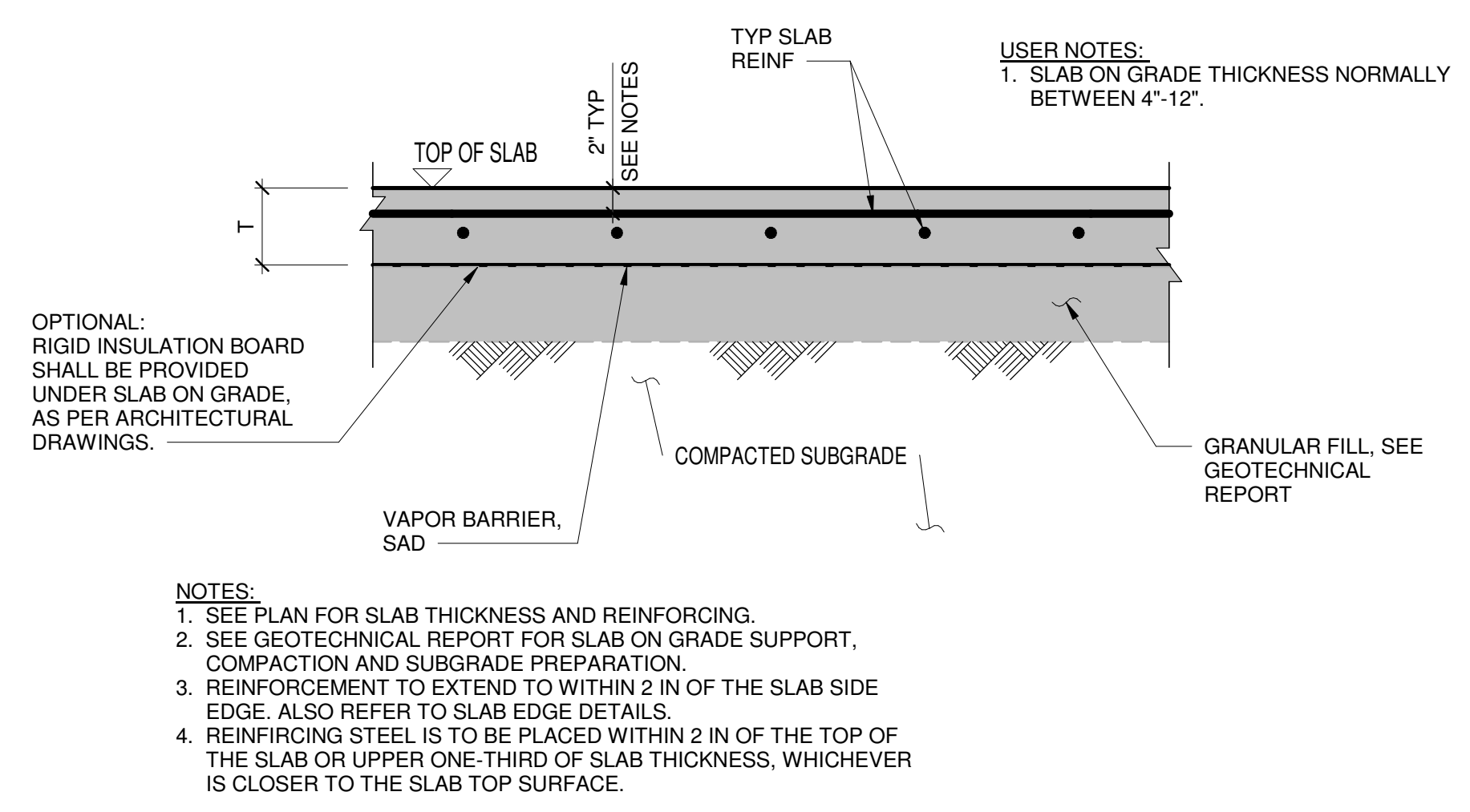
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Drawing Title
Wall Elevations

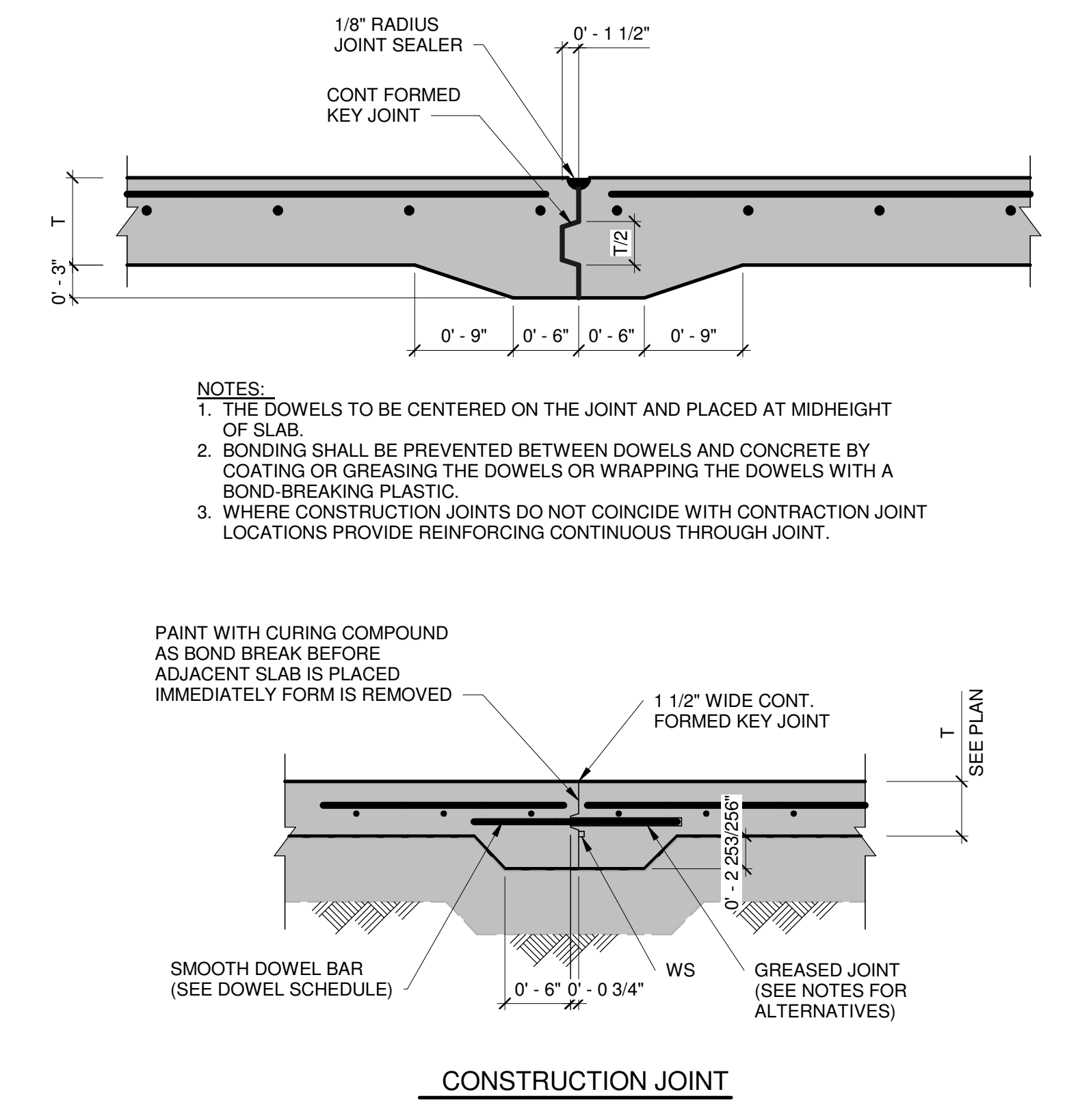
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Scale	1/4" = 1'-0"
Drawing Number	S-A-501
Sheet Size	ARCH D



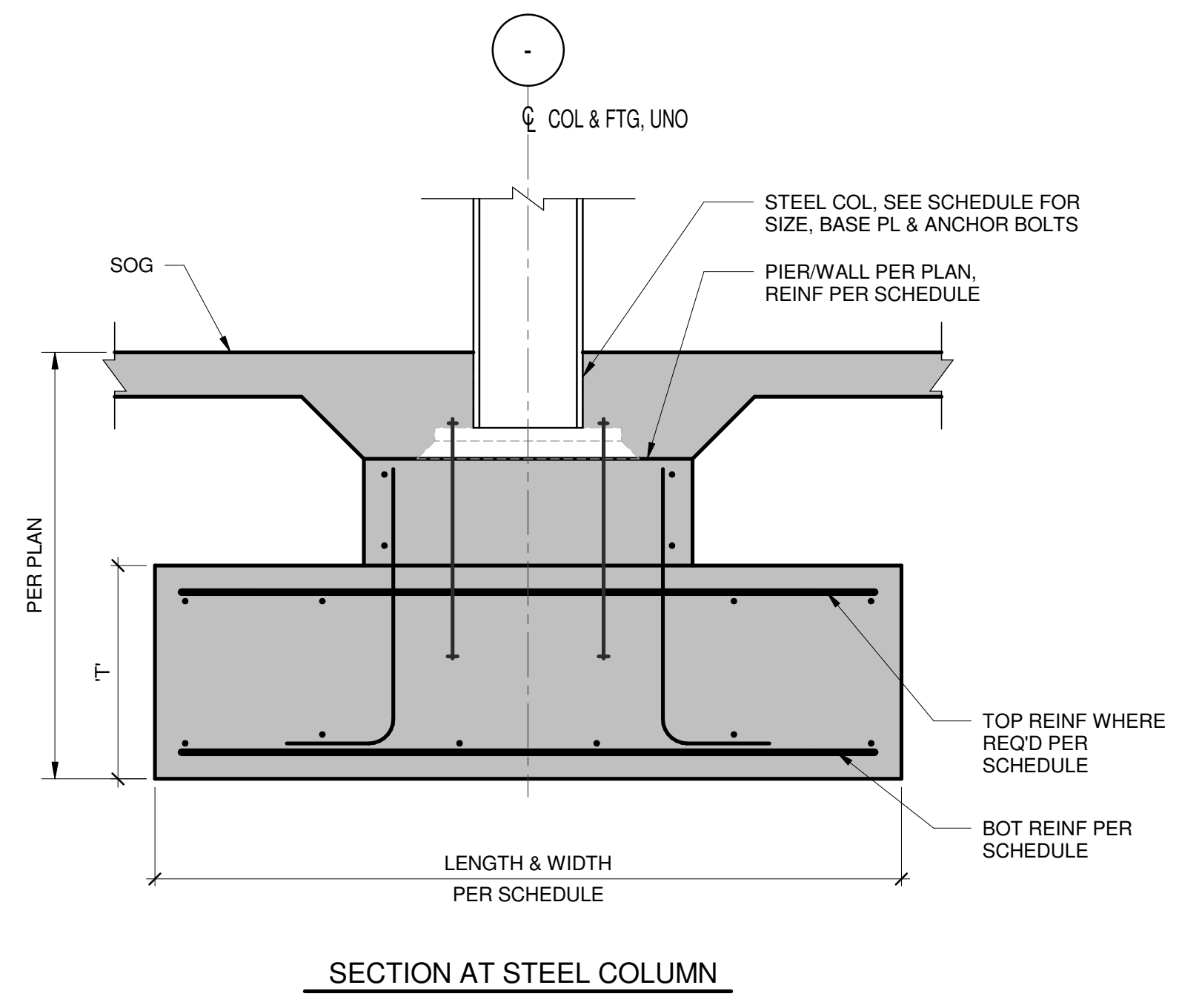
1 CONSTRUCTION JOINTS AT COLUMN SLAB ON GRADE
1" = 1'-0"



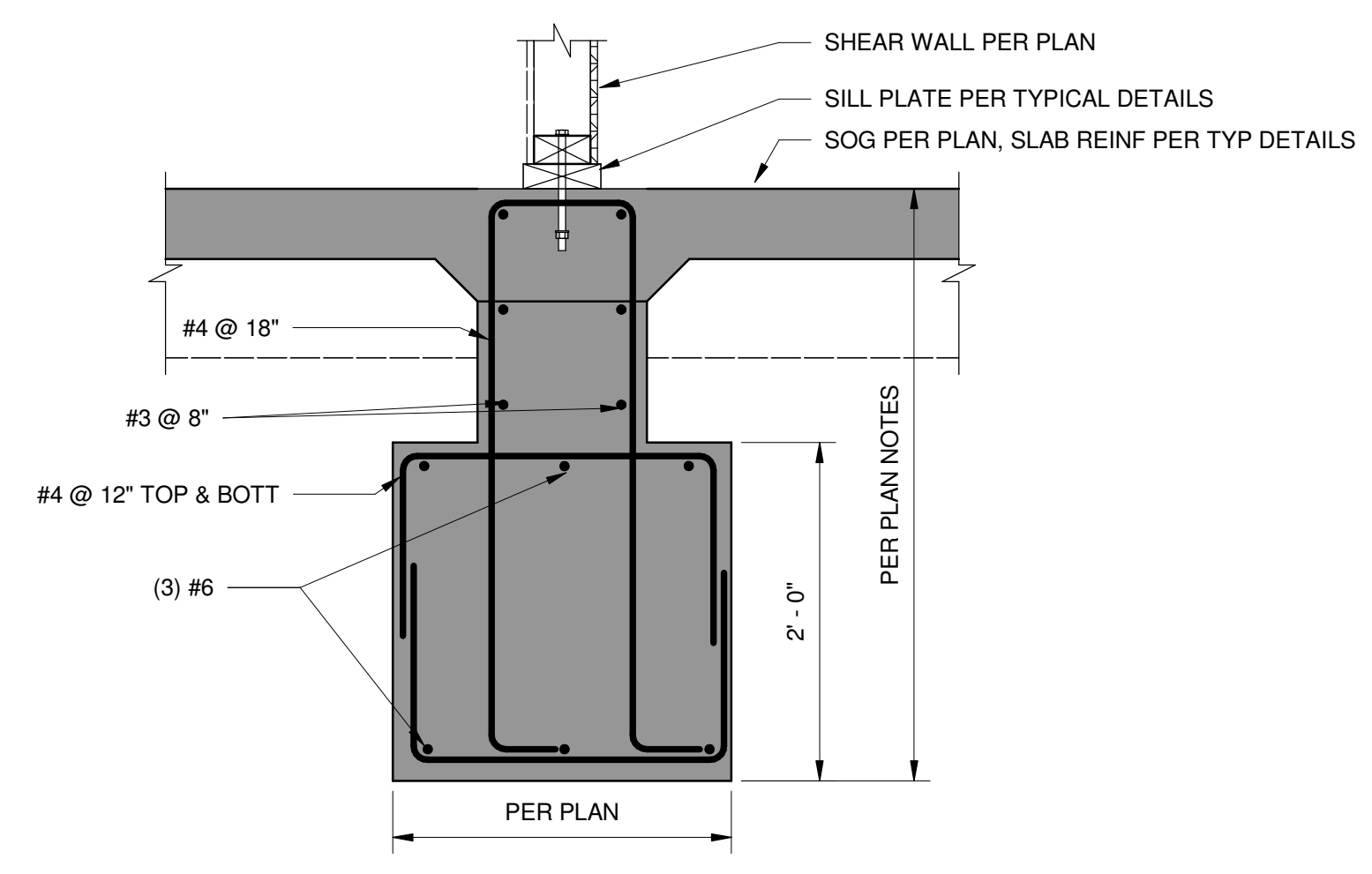
2 TYPICAL SLAB ON GRADE
1" = 1'-0"



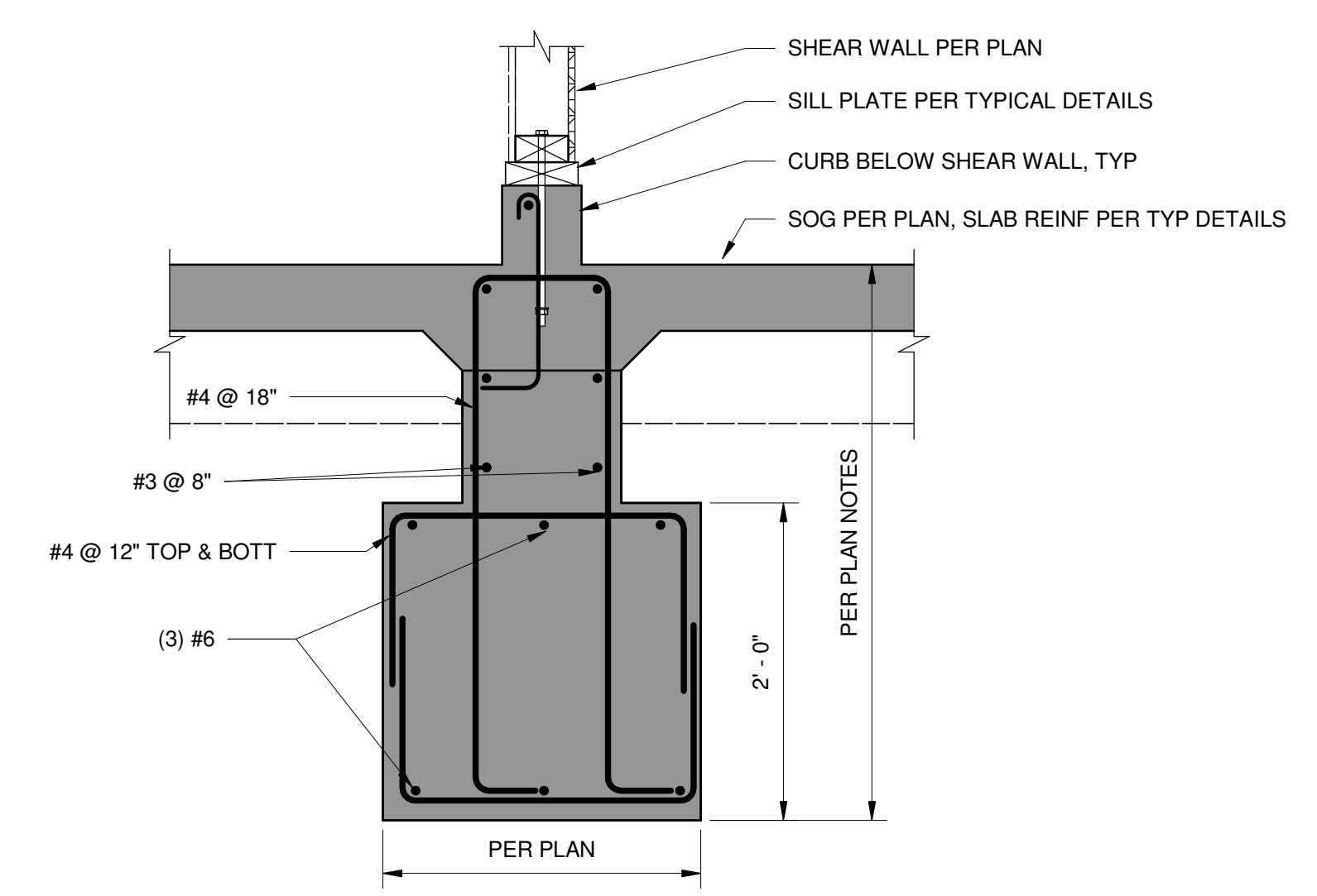
3 TYPICAL SLAB ON GRADE CONTROL AND CONSTRUCTION JOINTS
1" = 1'-0"



4 TYPICAL SPREAD FOOTING DETAILS
3/4" = 1'-0"



5 TYP FOOTING AT SHEAR WALL
1" = 1'-0"



6 TYP FOOTING AT SHEAR WALL WITH CURB
1" = 1'-0"

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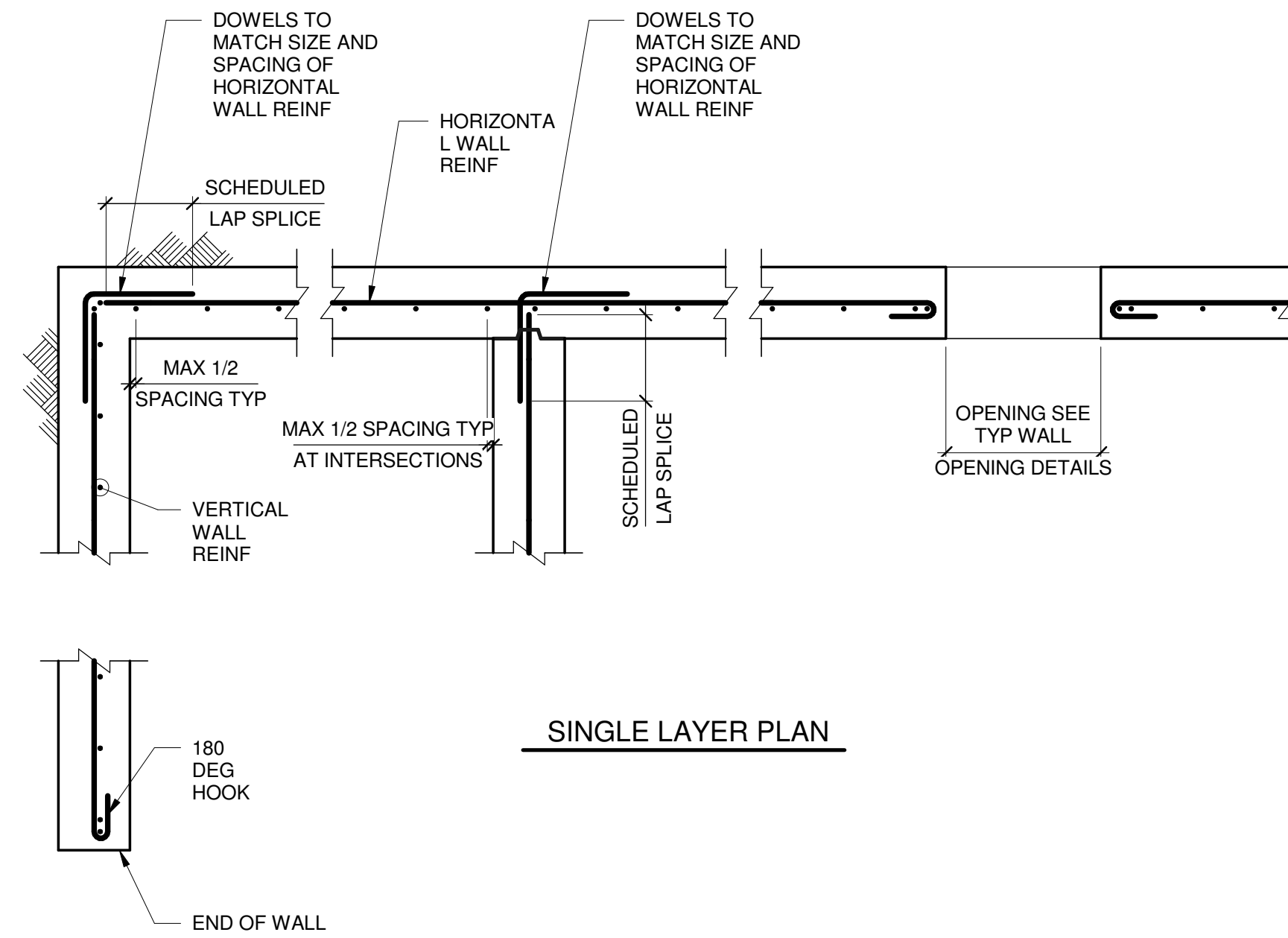
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50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

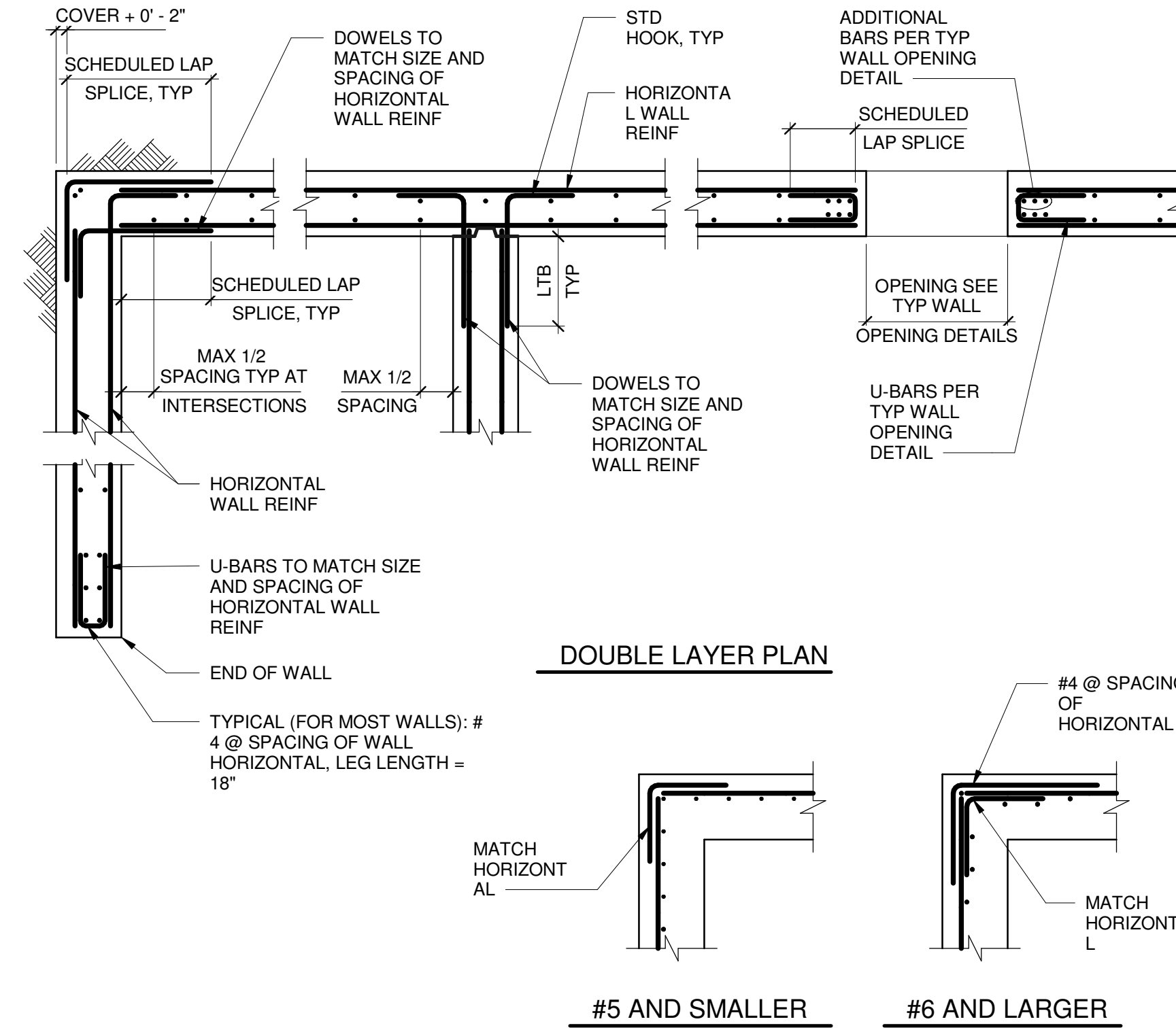
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NOT FOR CONSTRUCTION
Drawing Title
Structural Typ
Foundation Details

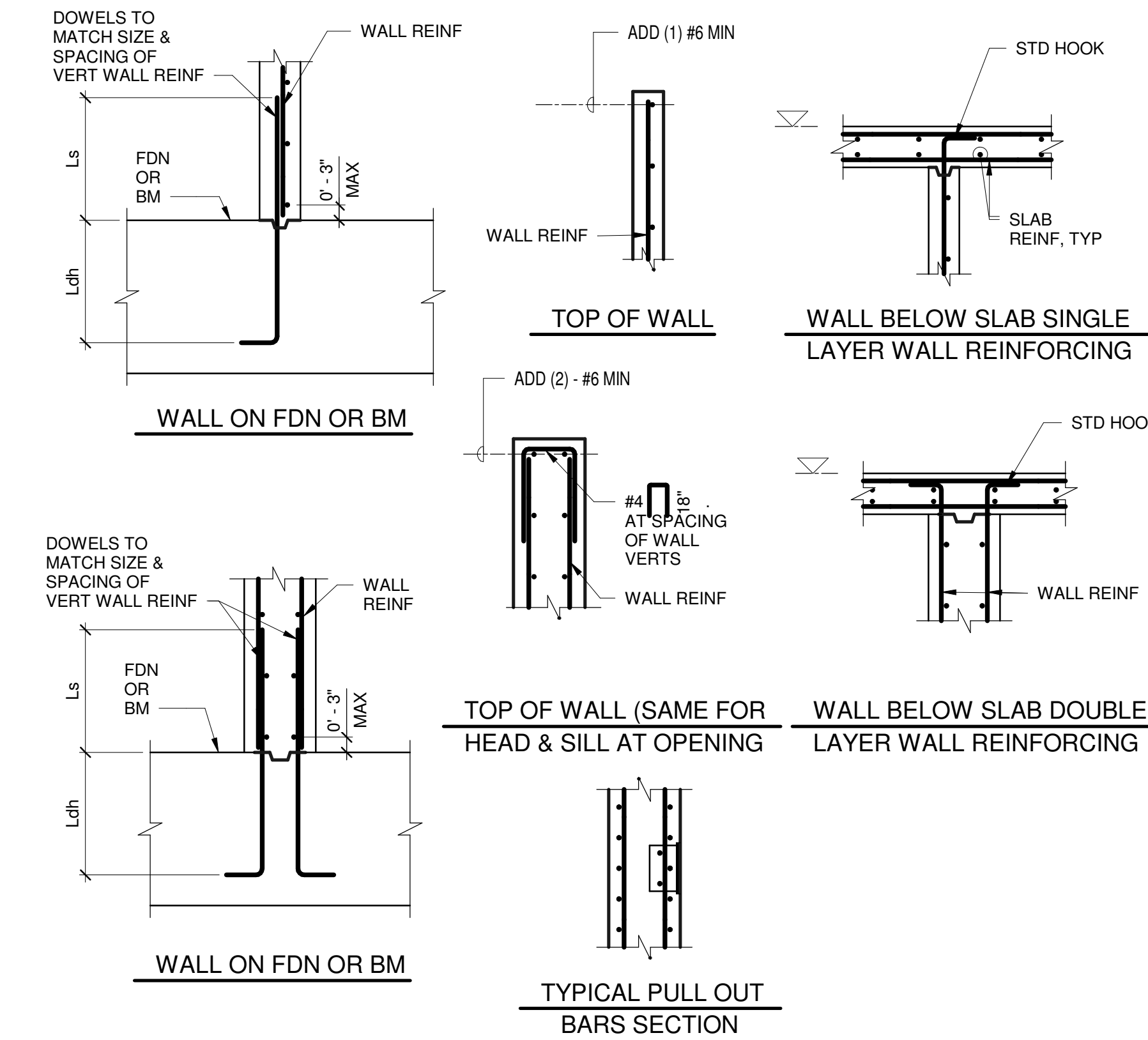
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Drawing Number	S-A-701
Sheet Size	ARCH D



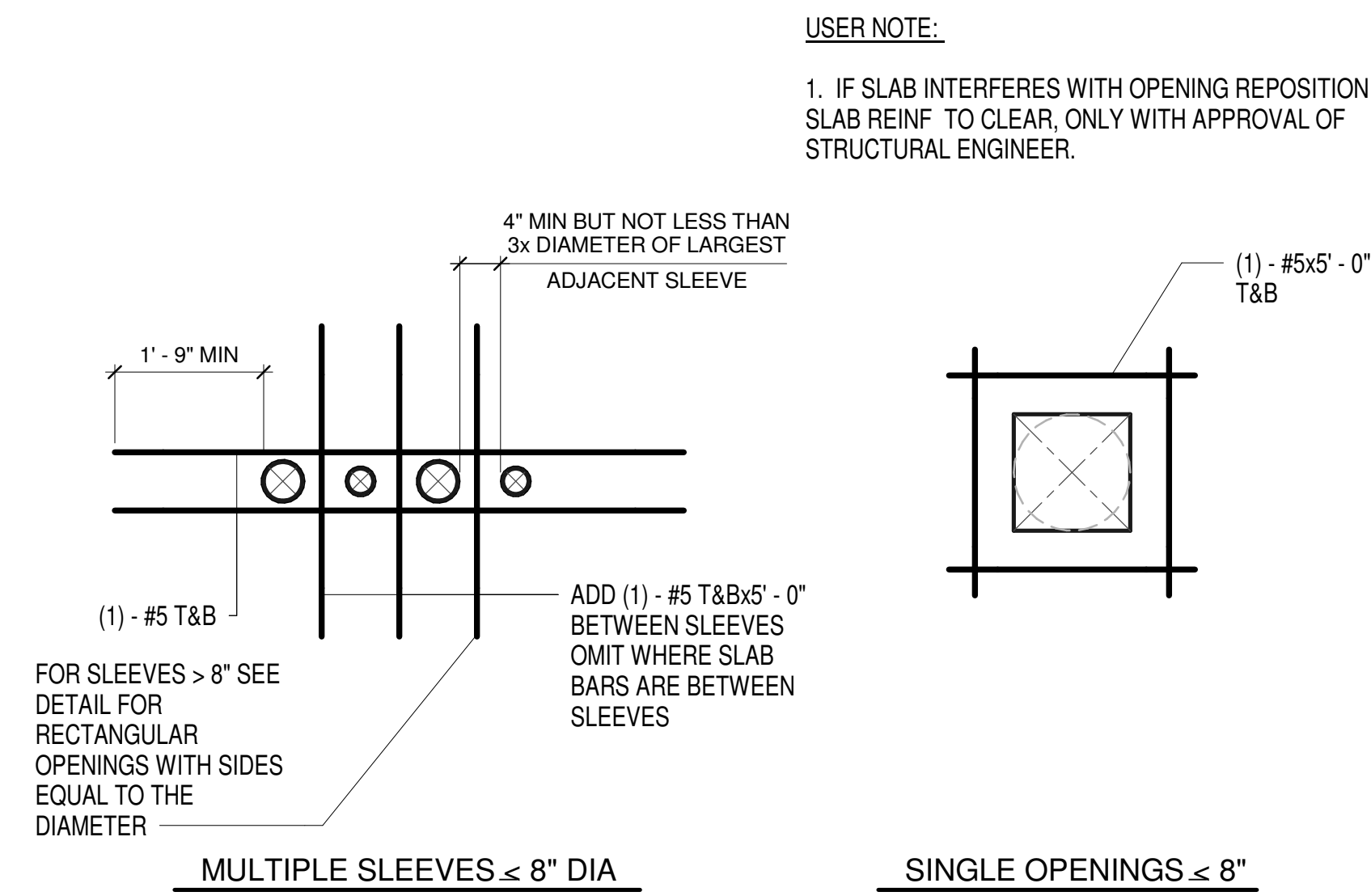
1 TYPICAL WALL REINFORCING DETAIL
1/2" = 1'-0"



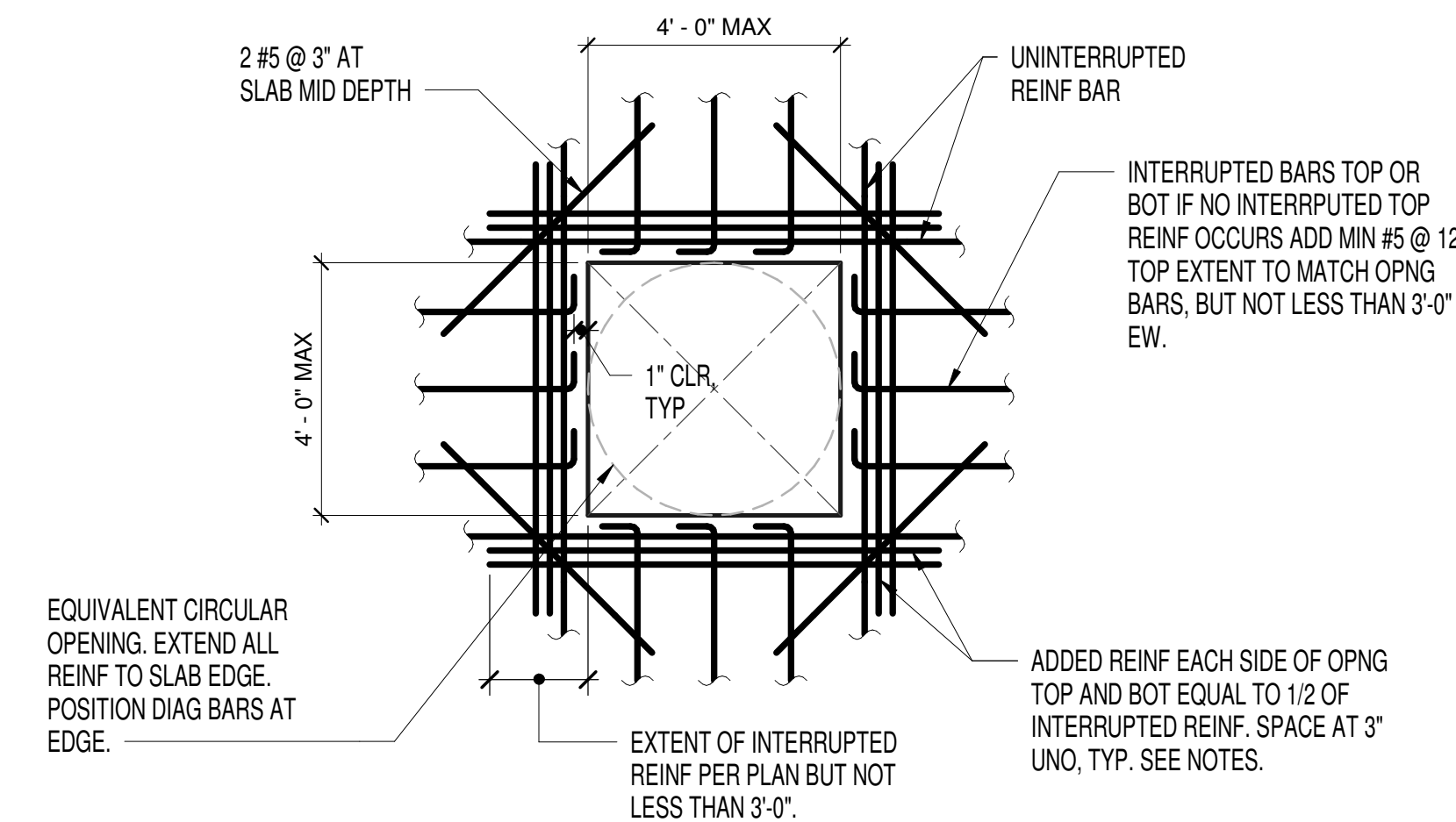
2 TYPICAL WALL REINFORCING DETAIL
1/2" = 1'-0"



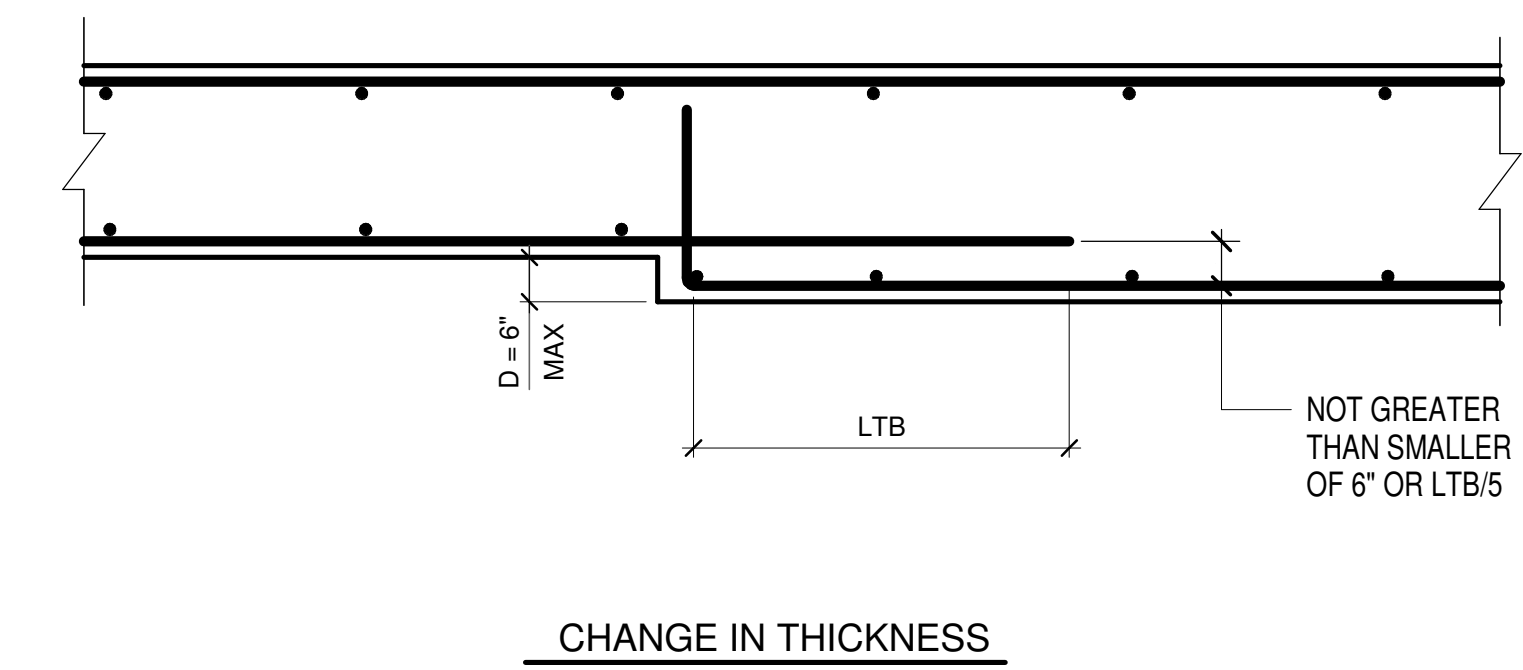
3 TYPICAL CONCRETE WALL REINFORCING SECTIONS
1/2" = 1'-0"



4 OPENINGS IN SUSPENDED SLABS
1/2" = 1'-0"



5 TYPICAL > 8" TO MAX 4' - 0" SLAB OPENING DETAIL
1/2" = 1'-0"



6 TYPICAL SLAB CHANGE IN THICKNESS DETAIL
1" = 1'-0"

USER NOTE:

1. IF SLAB INTERFERES WITH OPENING REPOSITION SLAB REINF TO CLEAR, ONLY WITH APPROVAL OF STRUCTURAL ENGINEER.

NOTES:

- THE CONTRACTOR SHALL SUBMIT ALL OPENINGS GREATER THAN 8" WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO PLACEMENT. ADDITIONAL REINFORCING MAY BE REQUIRED.
- EXCEPT WHERE SHOWN ON THE STRUCTURAL DRAWINGS, ALL OPENINGS IN 2 WAY FLAT SLABS SHALL HAVE THE FOLLOWING ADDITIONAL RESTRICTIONS:
 - MAKE NO OPENINGS WITH TWICE THE SLAB DEPTH FROM THE FACE OF A COLUMN OR EDGE OF A CAPITAL EXCEPT AS NOTED ON THE STRUCTURAL DRAWINGS
 - MAXIMUM OPENING SIZES:
 - IN AREAS COMMON TO 2 COLUMN STRIPS - NOT GREATER THAN 1/8 OF THE SMALLER OF THE TWO COLUMN STRIP WIDTHS.
 - IN AREAS COMMON TO ONE COLUMN STRIP AND MIDDLE STRIP - NOT GREATER THAN 1/4 OF THE SMALLER OF THE TWO STRIP WIDTHS.
 - IN AREAS COMMON TO 2 MIDDLE STRIPS - NOT GREATER THAN 1/2 THE WIDTH OF THE SMALLER OF THE TWO STRIP WIDTHS.
- FOR ADDITIONAL REINFORCEMENT EQUAL TO 1/2 OF INTERRUPTED REINFORCEMENT, DO NOT INCLUDE REINFORCEMENT WHERE REINFORCEMENT ENDS INSIDE THE OPENING AND $\leq 2'-0"$ FROM EDGE OF OPENING.
- MINIMUM CLEAR SPACING BETWEEN ADJACENT OPENINGS SHALL NOT BE LESS THAN THREE X THE OPENING DIMENSION

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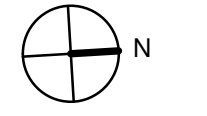
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Key Plan



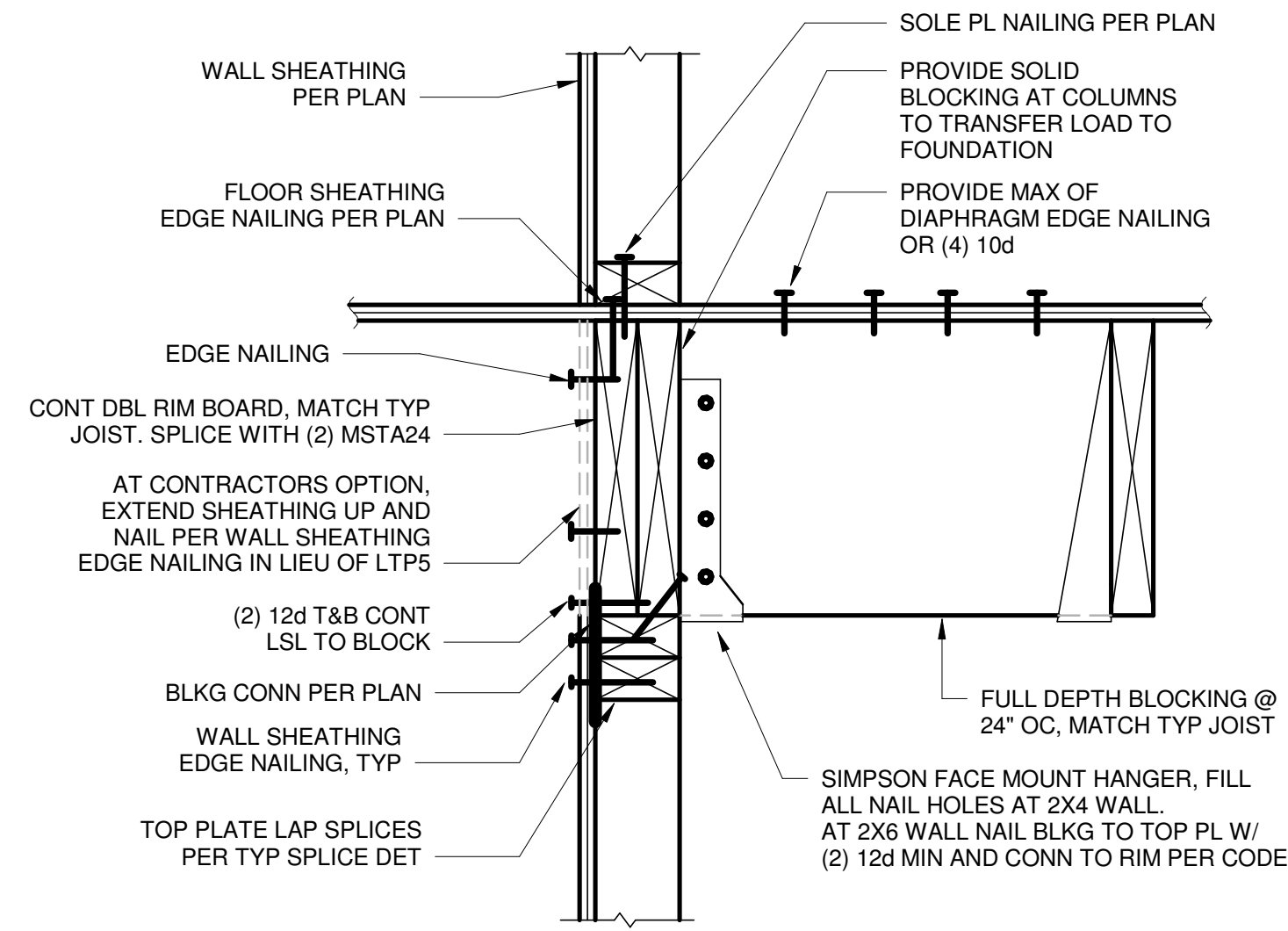
Description	Date

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Building**

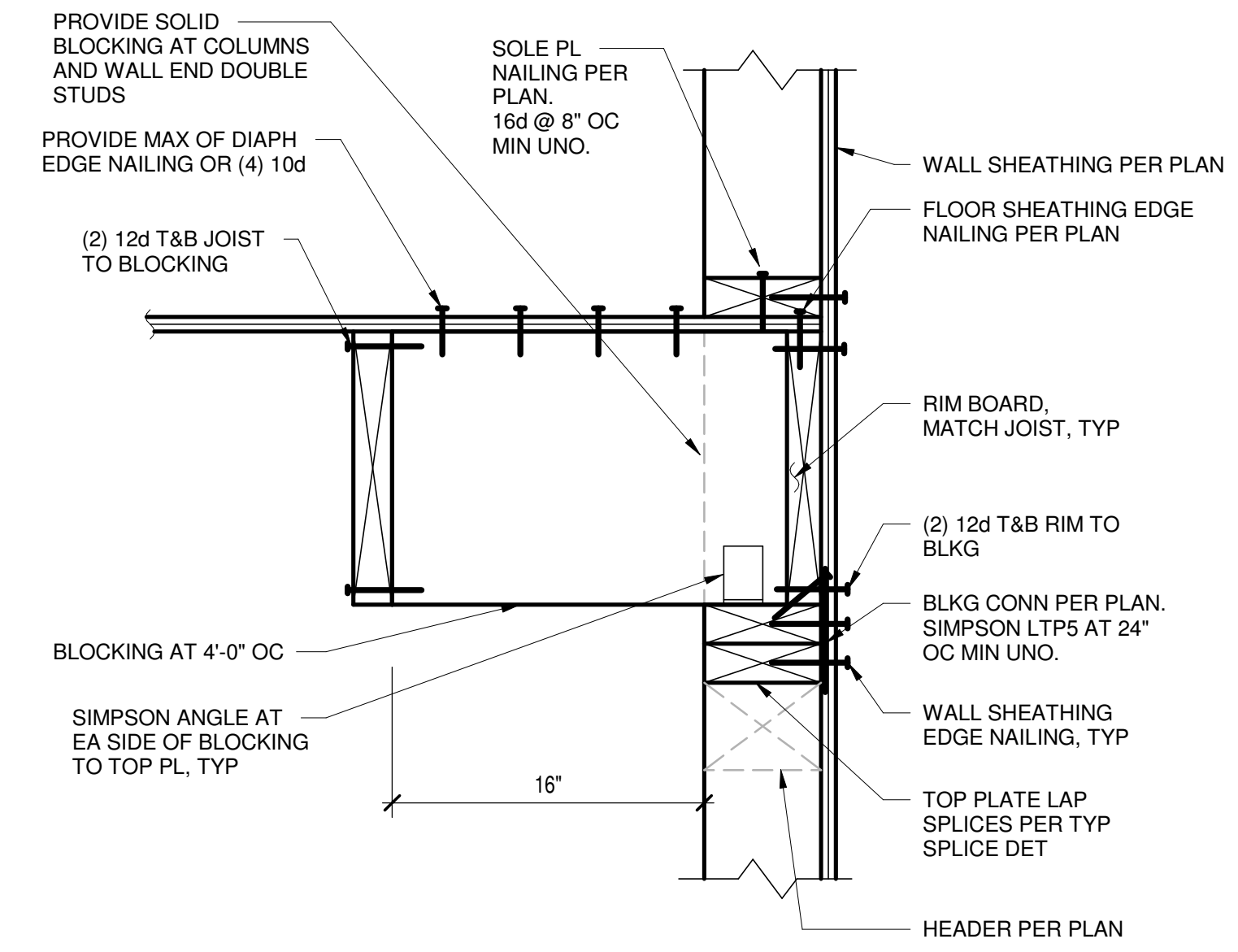
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Drawing Title
Structural Typ
Concrete Details

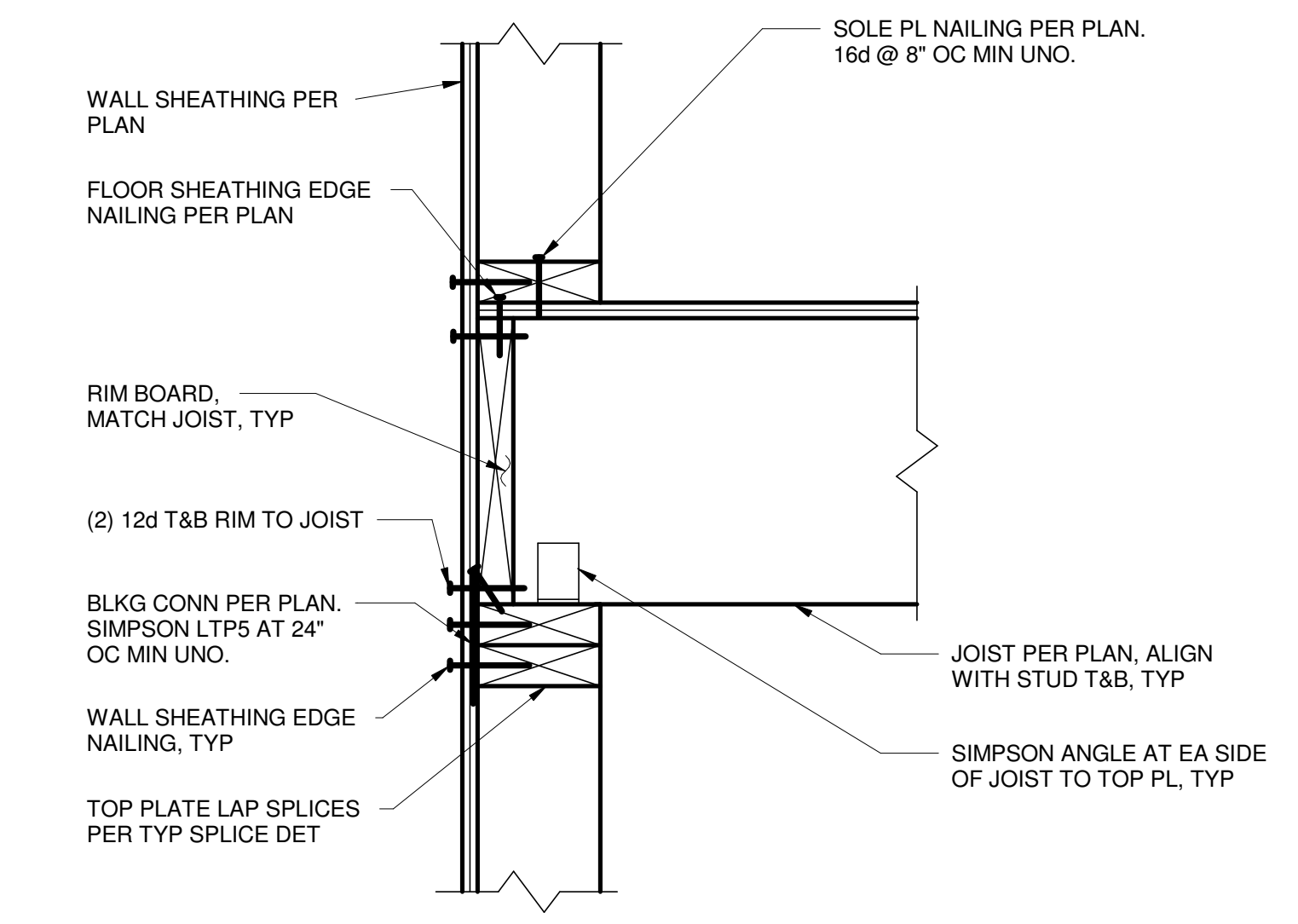
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Drawing Number	S-A-702
Sheet Size	ARCH D



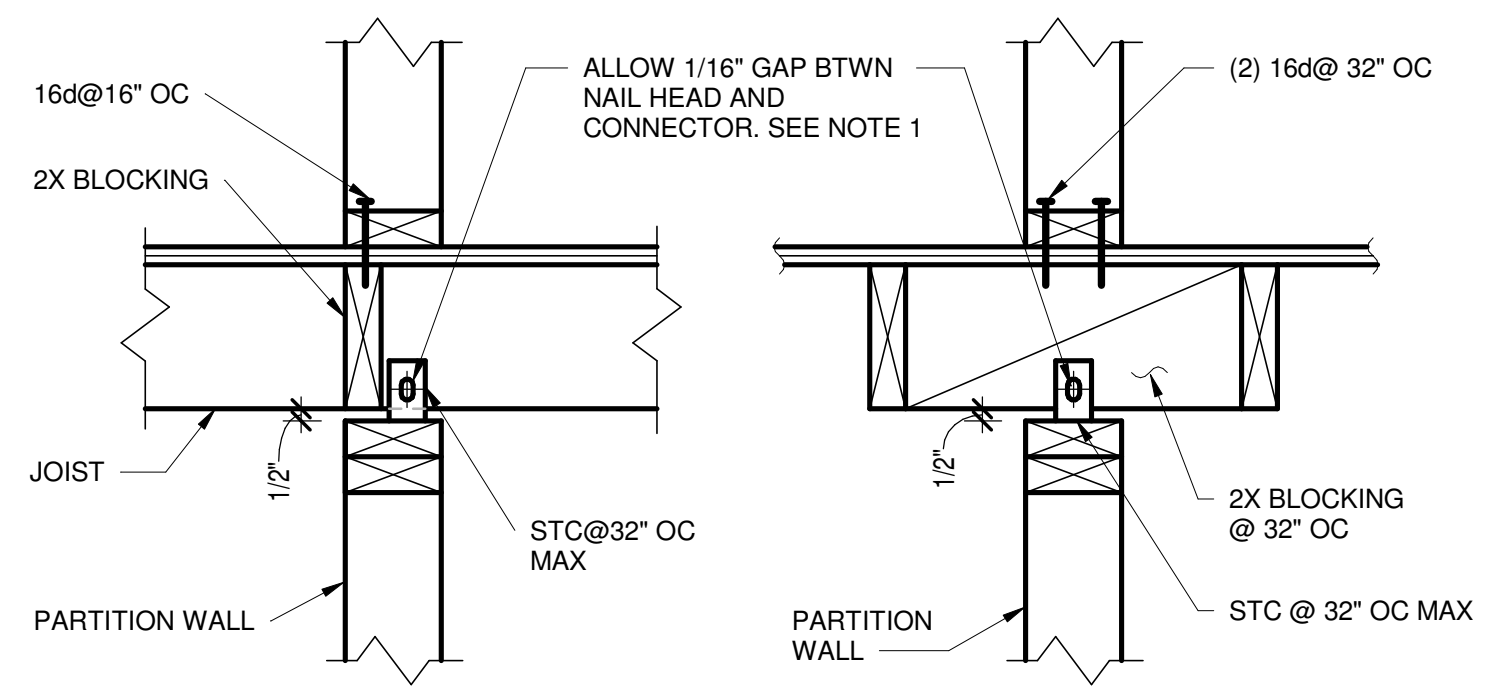
1 TYP DETAIL AT JOIST PARALLEL TO SHEAR WALL
1 1/2" = 1'-0"



2 TYP JOIST PARALLEL TO EXT WALL
1 1/2" = 1'-0"



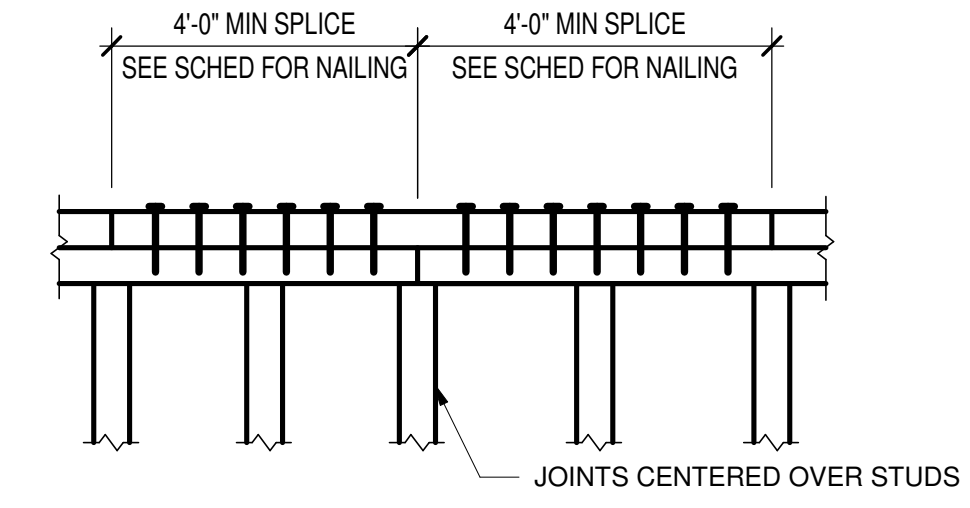
3 TYP JOIST PERPENDICULAR TO EXT WALL
1 1/2" = 1'-0"



WALL PERPENDICULAR TO JOISTS
WALL PARALLEL TO JOISTS

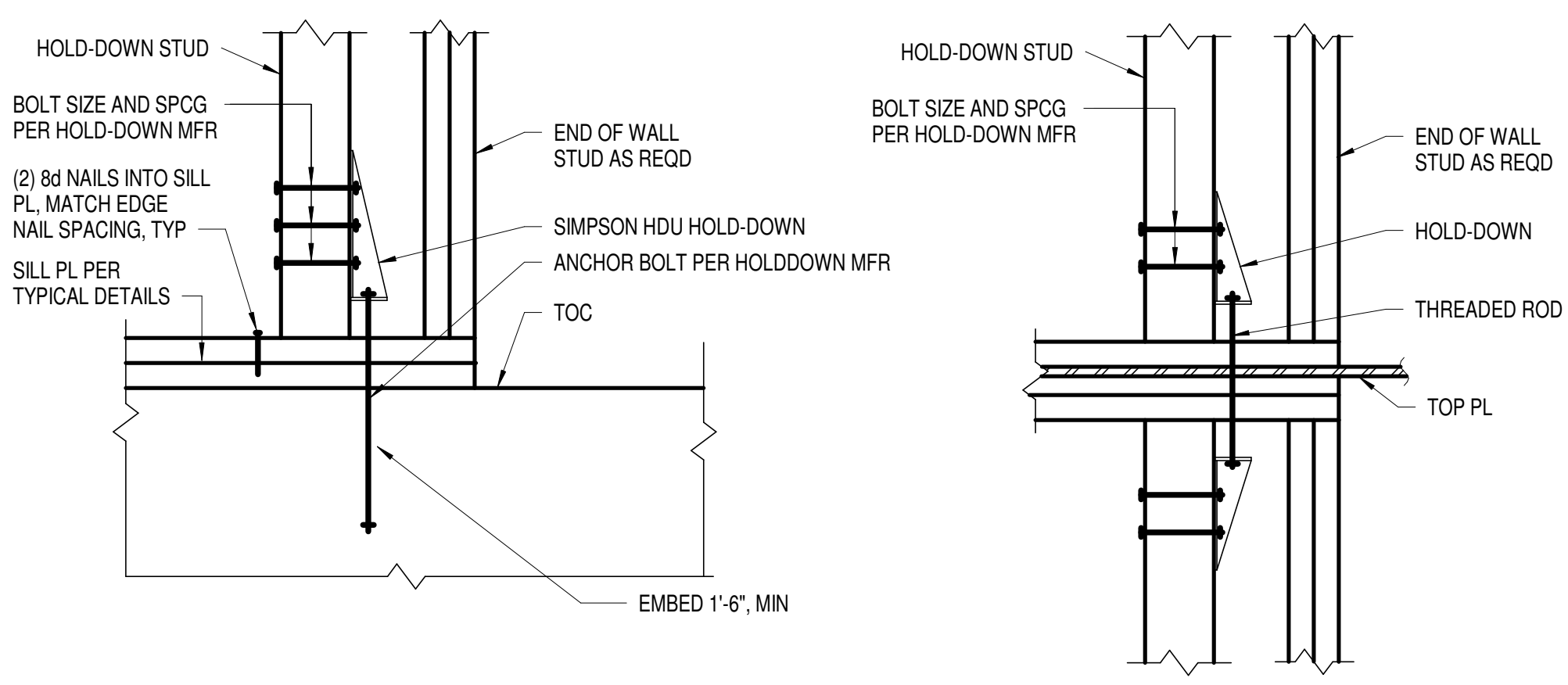
NOTES:
1. CONTRACTOR TO CHECK THAT CONNECTION DOES NOT SQUEAK WITH VERTICAL MOVEMENT.

STUD SIZE	MINIMUM NUMBER OF NAILS PER SPLICE LENGTH	
	BEARING WALL OR SHEAR WALL/DIAPHRAGM STRUT	NON-BEARING NON-SHEAR WALL
2X4	22	16d@16" OC
2X6, 2X8	34	16d@16" OC
3X4	36	16d@12" OC
3X6, 3X8	60	16d@12" OC



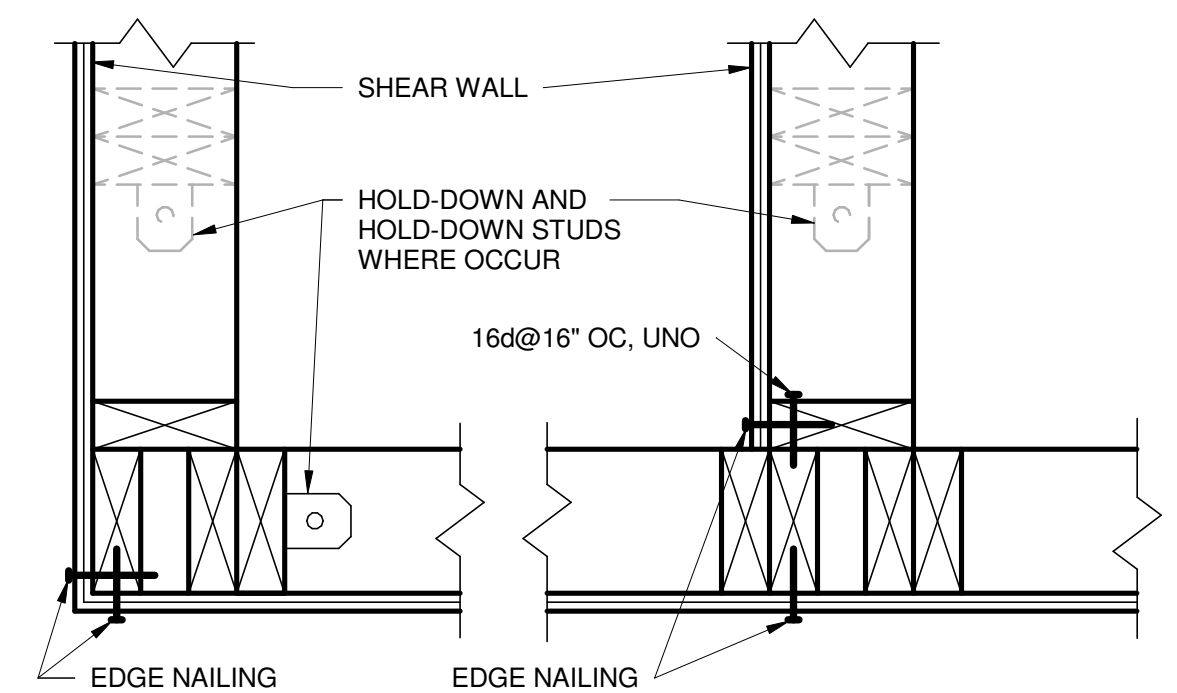
5 TYPICAL TOP PLATE/DIAPHRAGM STRUT SPLICE
1 1/2" = 1'-0"

4 TYP PARTITION (NON-BEARING (NON-SHEAR WALL) CONN TO FLOOR
1 1/2" = 1'-0"

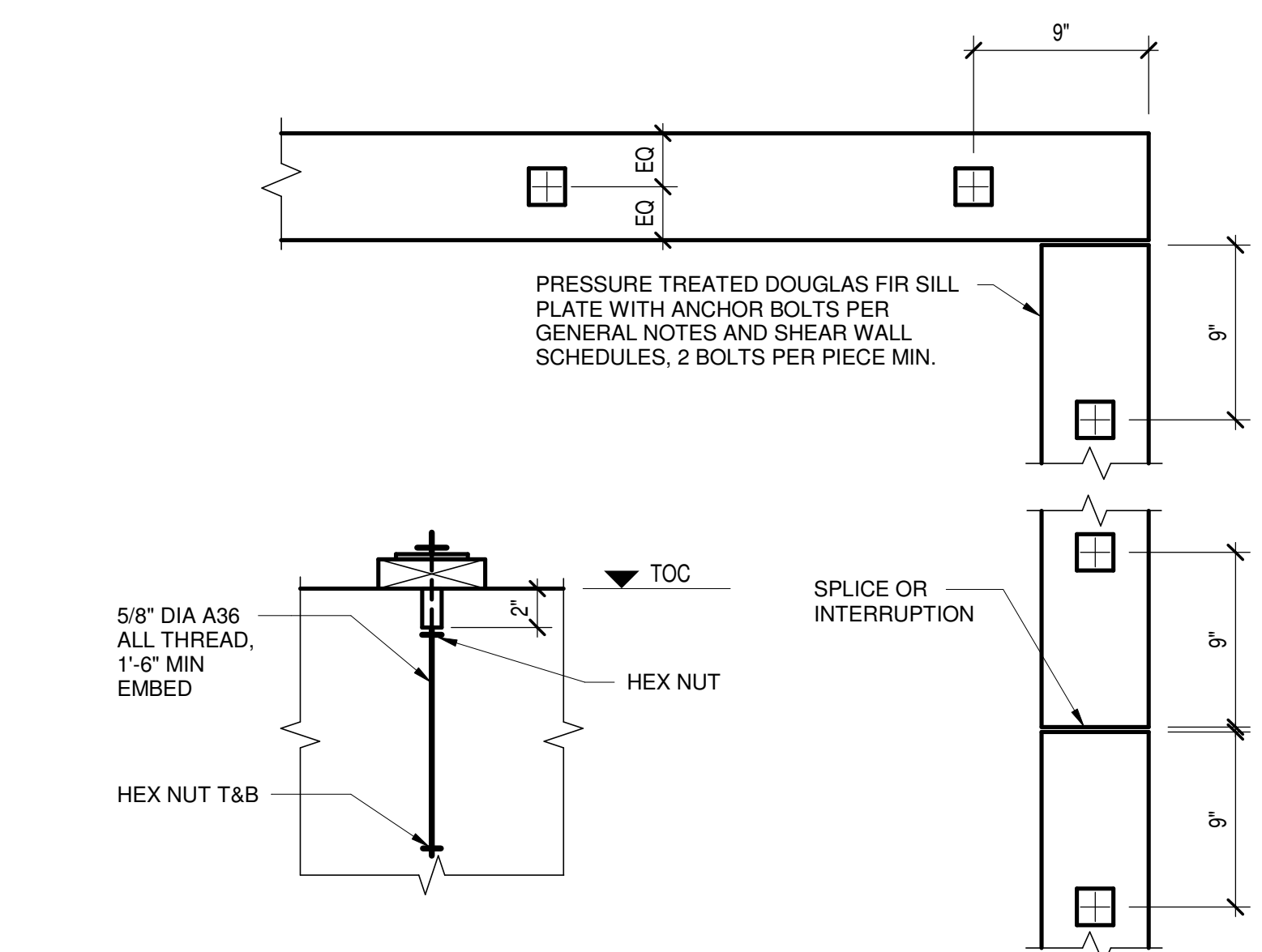


HOLD-DOWN TO CONCRETE
HOLD-DOWN TO TIMBER WALL BELOW

6 TYPICAL HOLD-DOWN DETAILS AND SCHEDULE
1" = 1'-0"



NOTES:
1. SEE PLANS FOR HOLD-DOWN LOCATIONS OTHER THAN ENDS OF WALLS.
2. ALL HOLD DOWNS TO BE HDU4-SD2.5 U.N.O.
3. ALL ANCHOR BOLTS TYPICAL A307.
4. INSTALL PER SIMPSON STRONG TIE SPECIFICATIONS. VERTICAL WOOD MEMBER SHALL BE (2) 3X STUDS AT SHEAR WALLS WITH 3X STUDS.



NOTES:
1. CONTRACTOR SHALL LOCATE ANCHOR TO MISS STUDS, POSTS, MULLIONS ETC.
2. A MINIMUM OF 3/4 INCH THREAD ENGAGEMENT INTO COUPLING NUT IS REQUIRED.

7 TYPICAL WOOD SILL PLATE
1 1/2" = 1'-0"

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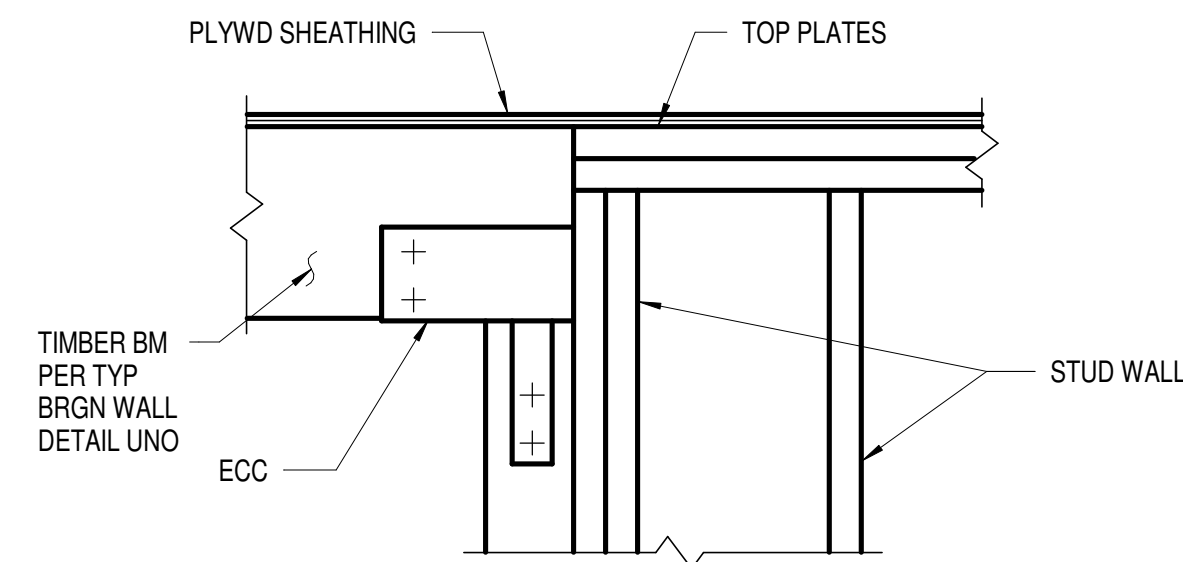
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50% Construction Documents	11/06/20

Project
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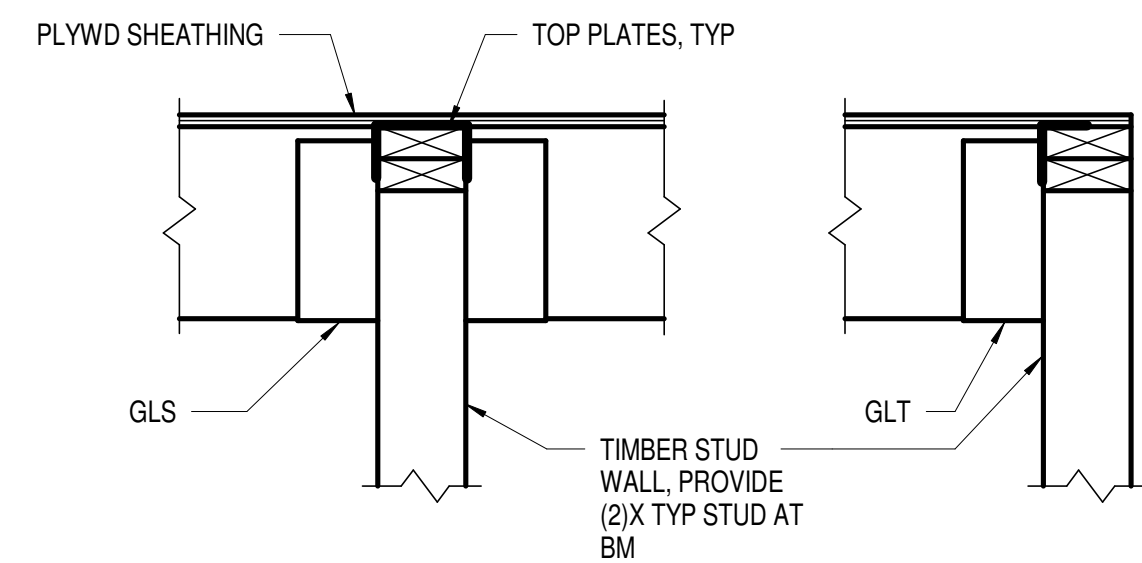
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Drawing Title
Structural Typ Timber
Details, Sheet 1

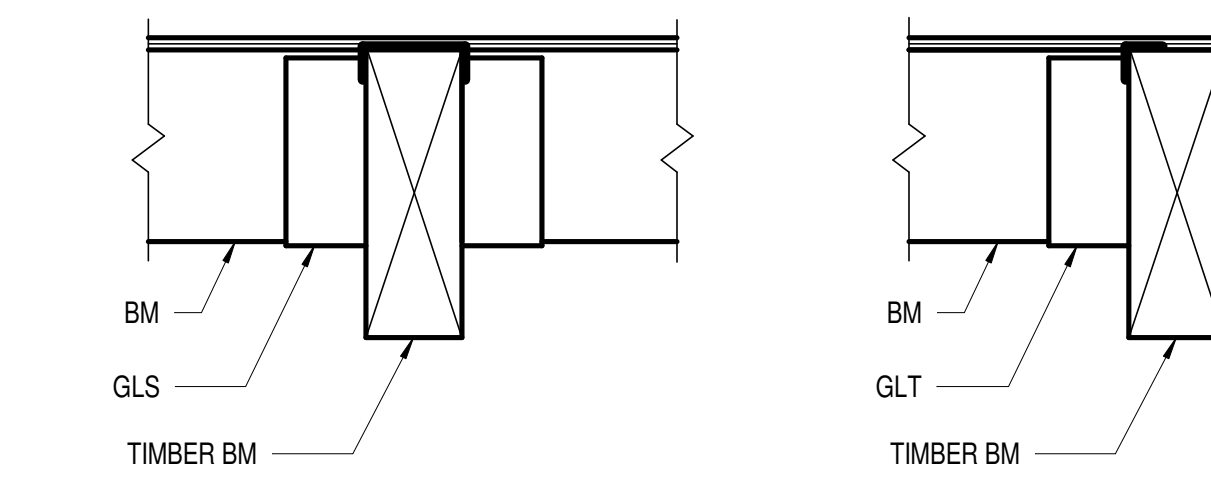
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Sheet Size	ARCH D



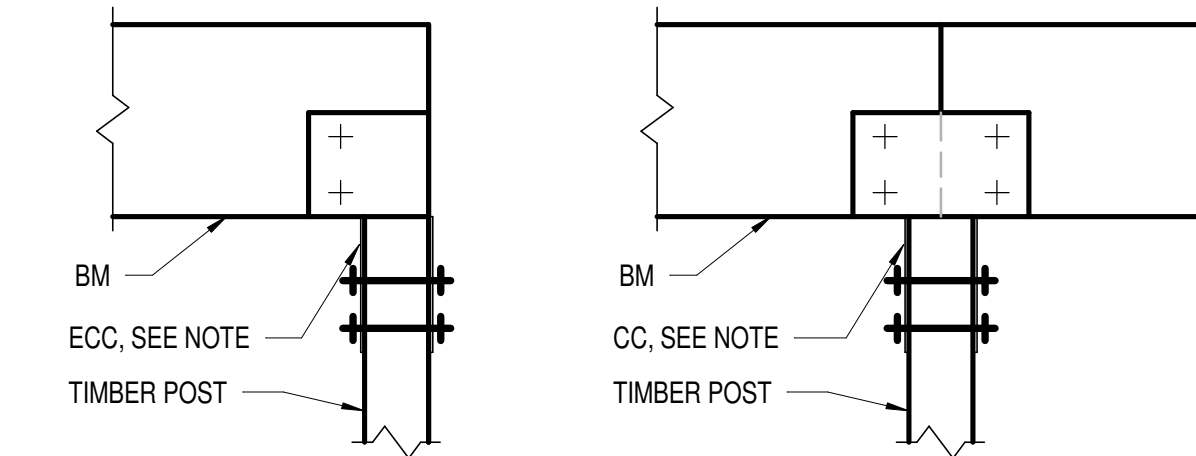
1 TYP TIMBER BM TO END OF STUD WALL
1" = 1'-0"



2 TYP TIMBER BM TO SIDE OF STUD WALL
1" = 1'-0"

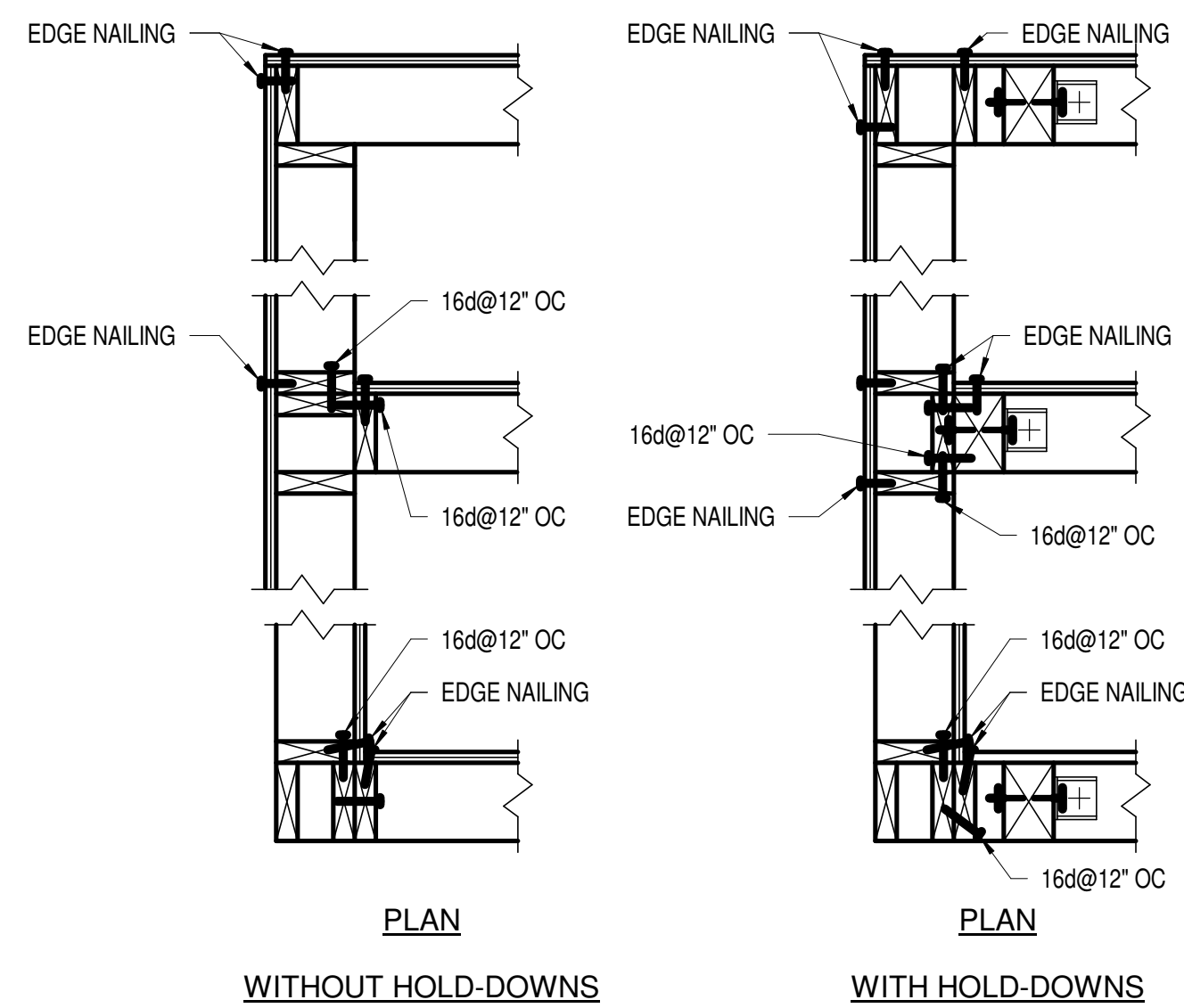


3 TYP TIMBER BM TO TIMBER BM
1" = 1'-0"

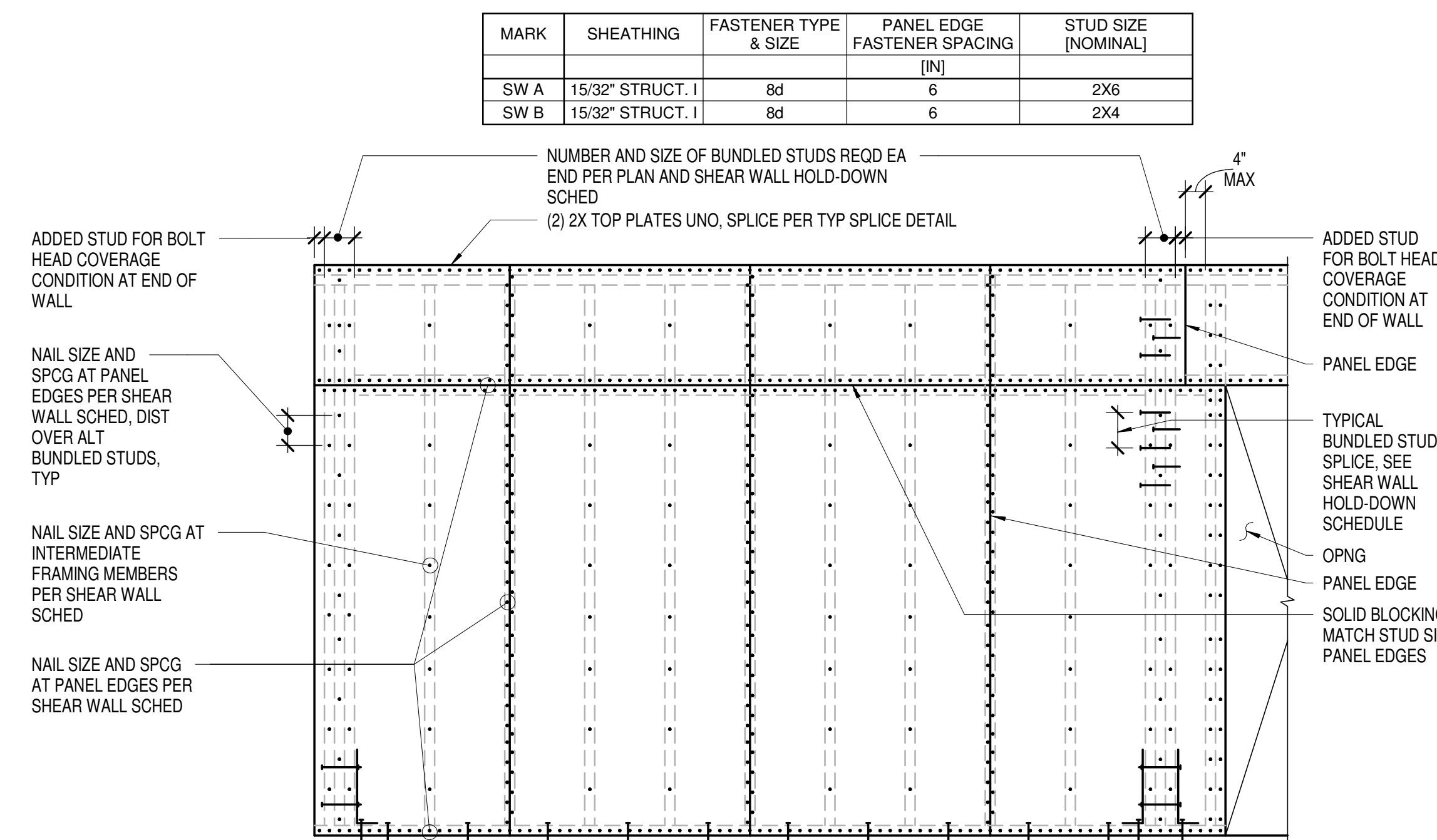


4 TYP TIMBER BM TO TIMBER POST
1" = 1'-0"

NOTES:
1. ROTATE STRAPS 90 DEGREES WHERE COLUMN DEPTH EXCEEDS AVAILABLE CONNECTOR DIMENSIONS.

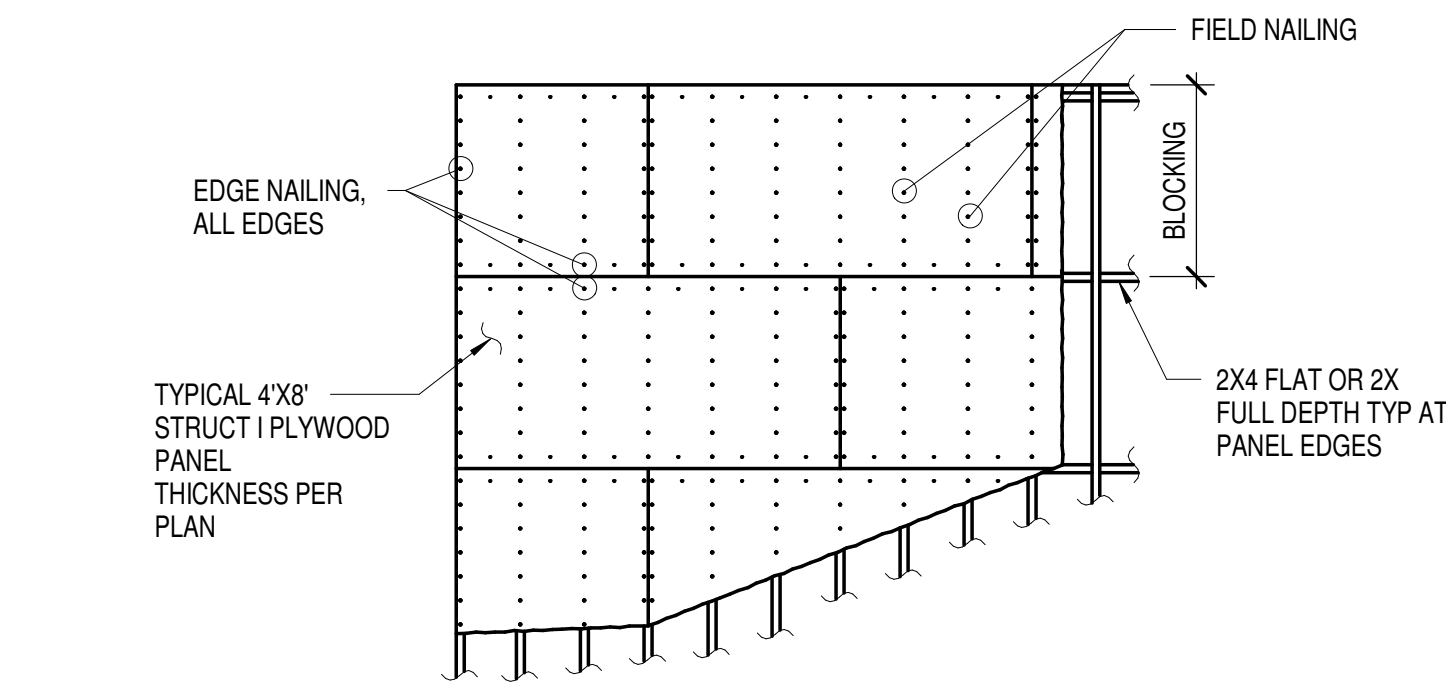


5 TYPICAL STUD WALL INTERSECTIONS
1" = 1'-0"



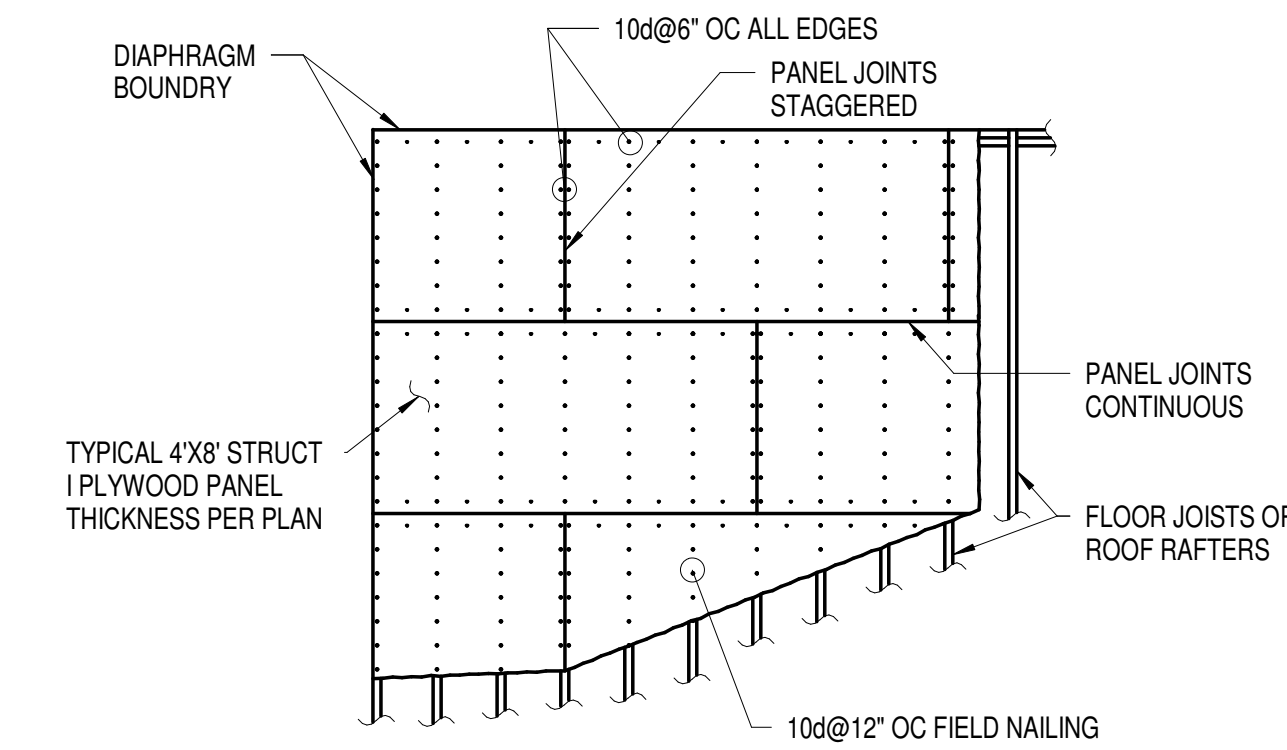
6 TYPICAL SHEAR WALL FRAMING
1/2" = 1'-0"

MARK	SHEATHING	FASTENER TYPE & SIZE	PANEL EDGE FASTENER SPACING [IN]	STUD SIZE [NOMINAL]
SW A	15/32" STRUCT. I	8d	6	2X6
SW B	15/32" STRUCT. I	8d	6	2X4



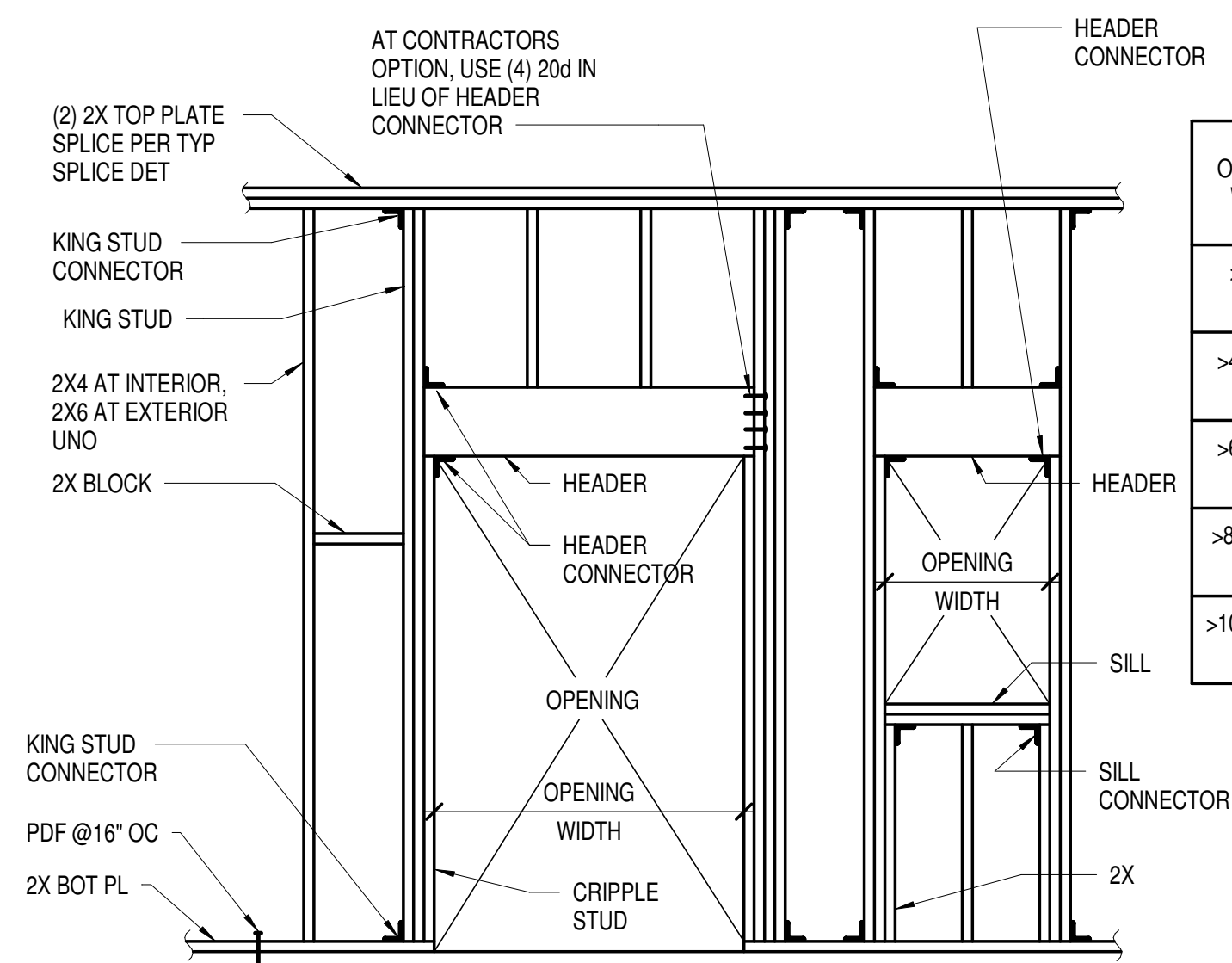
7 BLOCKED HORIZONTAL DIAPHRAGM
1/4" = 1'-0"

NOTES:
1. NAIL SHEATHING TO ALL STRUTS, STRUT BLOCKING AND SHEAR WALLS BELOW WITH (3) ROWS OF EDGE NAILS, STAGGERED.



8 UNBLOCKED HORIZONTAL DIAPHRAGM
1/4" = 1'-0"

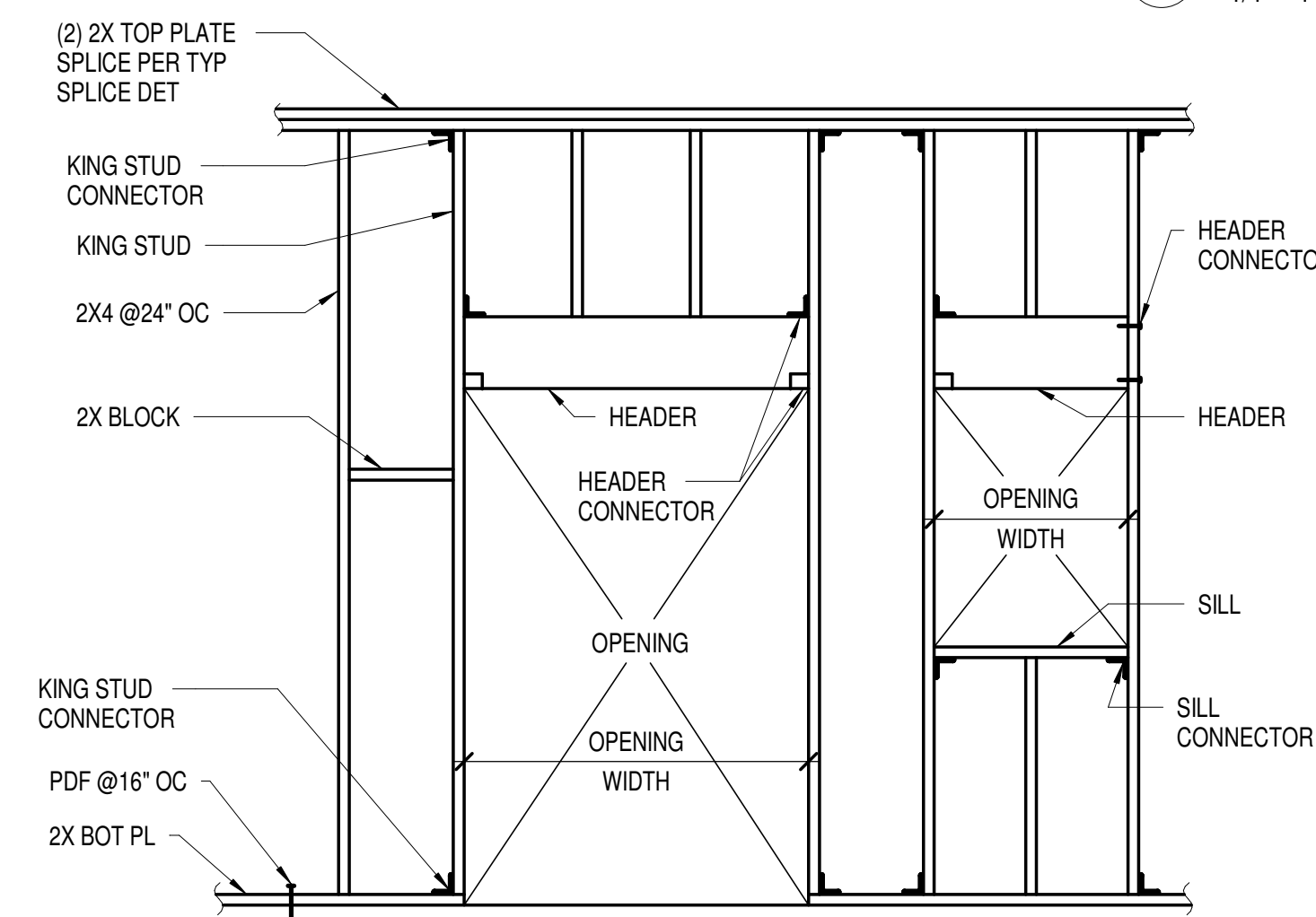
NOTES:
1. NAIL SHEATHING TO ALL STRUTS, STRUT BLOCKING AND SHEAR WALLS BELOW WITH (2) ROWS OF EDGE NAILS, STAGGERED.



9 TYPICAL TIMBER STUD BEARING WALL FRAMING
1/2" = 1'-0"

OPENING WIDTH	HEADER		SILL		KING STUD			CRIPPLE STUD
	SIZE	CONNECTOR	SIZE	CONNECTOR	LVL	SIZE	CONNECTOR	
>0'-4'-0"	(2) 2X8	(2) A35	2X	FC	LVL 4 - ROOF	(2) 2X	A35	2X
>4'-0'-6'-0"	(2) 2X10	(2) A35	(2) 2X	FC	LVL 4 - ROOF	(3) 2X	A35	2X
>6'-0'-8'-0"	(2) 1 3/4"x11 7/8" 1.9 E LVL	(2) A35	(2) 2X	FC	LVL 4 - ROOF	4X6	A35	2X
>8'-0'-10'-0"	(2) 1 3/4"x11 7/8" 1.9 E LVL	(2) A35	(2) 2X	FC	LVL 4 - ROOF	4X8	A35	(2) 2X
>10'-0'-12'-0"	(2) 1 3/4"x11 7/8" 1.9 E LVL	(2) A35	(2) 2X	FC	LVL 4 - ROOF	4X8	A35	(2) 2X
					LVL 2 - 3	6X6		

NOTES:
1. REFER TO GENERAL NOTES FOR BEARING WALL CONSTRUCTION FOR ALL WALL TYPES.
2. NAIL MULTIPLE 2X STUDS FOR HEADER, SILL AND KING STUD TOGETHER WITH 16d AT 12" ON CENTER.
3. MINIMUM NAILING SHALL BE PER THE IBC.
4. AT SHEAR WALL, USE STUD AND SILL MEMBER THICKNESS PER SHEAR WALL SCHEDULE.



10 TYPICAL TIMBER STUD PARTITION (NON-BEARING) WALL FRAMING
1/2" = 1'-0"

OPENING WIDTH	HEADER		SILL		KING STUD	
	SIZE	CONNECTOR	SIZE	CONNECTOR	SIZE	2X
>0'-4'-0"	(2) 2X4	(2) A35 OR (4) 20d NAILS	2X4	FC4	2X4	A34
>4'-0'-8'-0"	4X6	HH4 AND A35 OR (6) 20d NAILS	(2) 2X4	FC4	(2) 2X4	A34

NOTES:
1. NAIL MULTIPLE 2X STUDS FOR HEADER, SILL AND KING STUD TOGETHER WITH 16d AT 12" ON CENTER.
2. MINIMUM NAILING SHALL BE PER THE IBC.
3. AT CONTRACTOR'S OPTION, USE .145" DIAMETER X 3/4" CONCRETE EMBEDMENT LOW VELOCITY POWDER DRIVEN FASTENER AT 16" ON CENTER. CONTRACTOR TO COORDINATE WITH POST TENSIONED TENDON.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

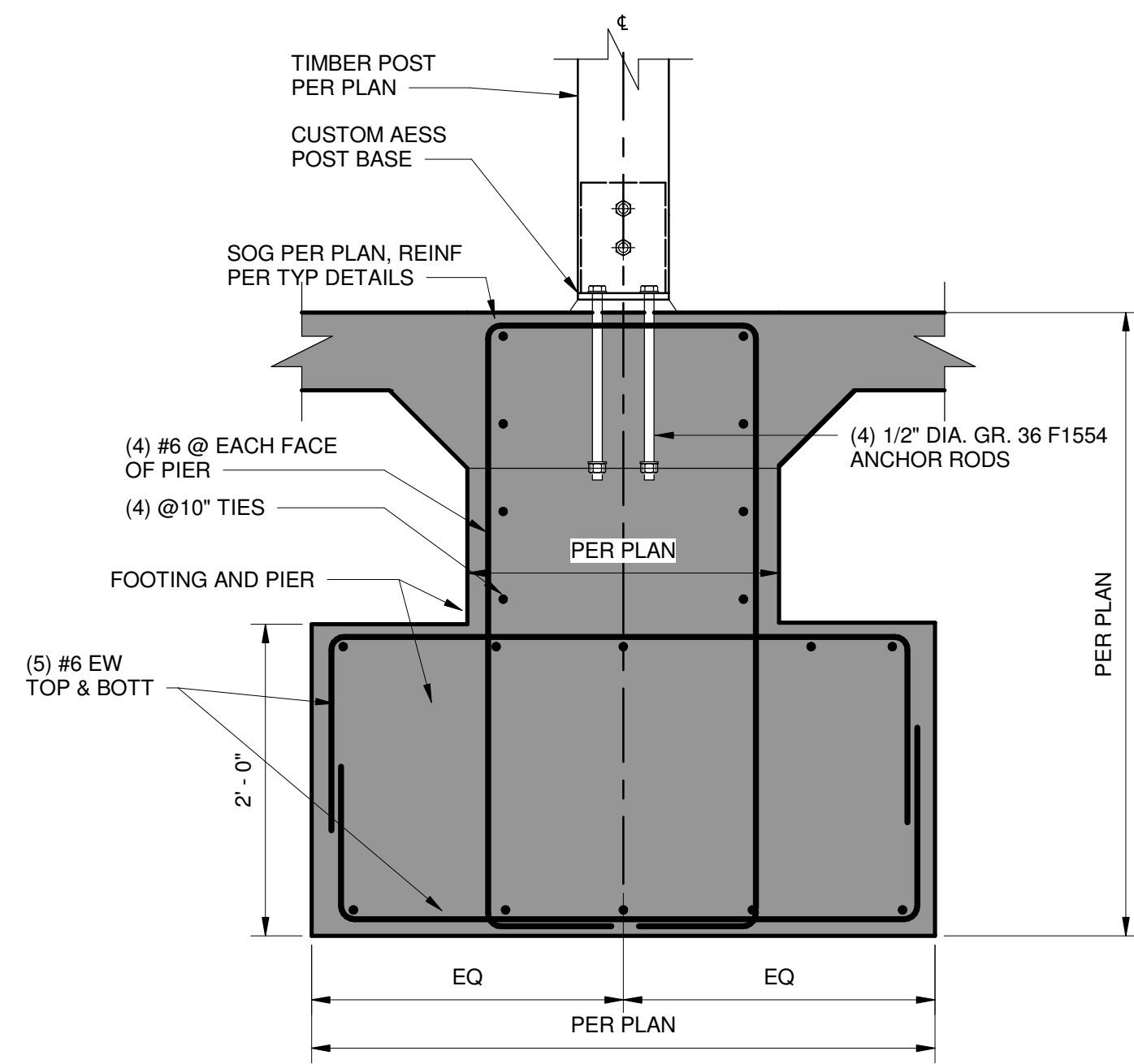
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Drawing Title
Structural Typ Timber Details, Sheet 2

Date 11/06/20

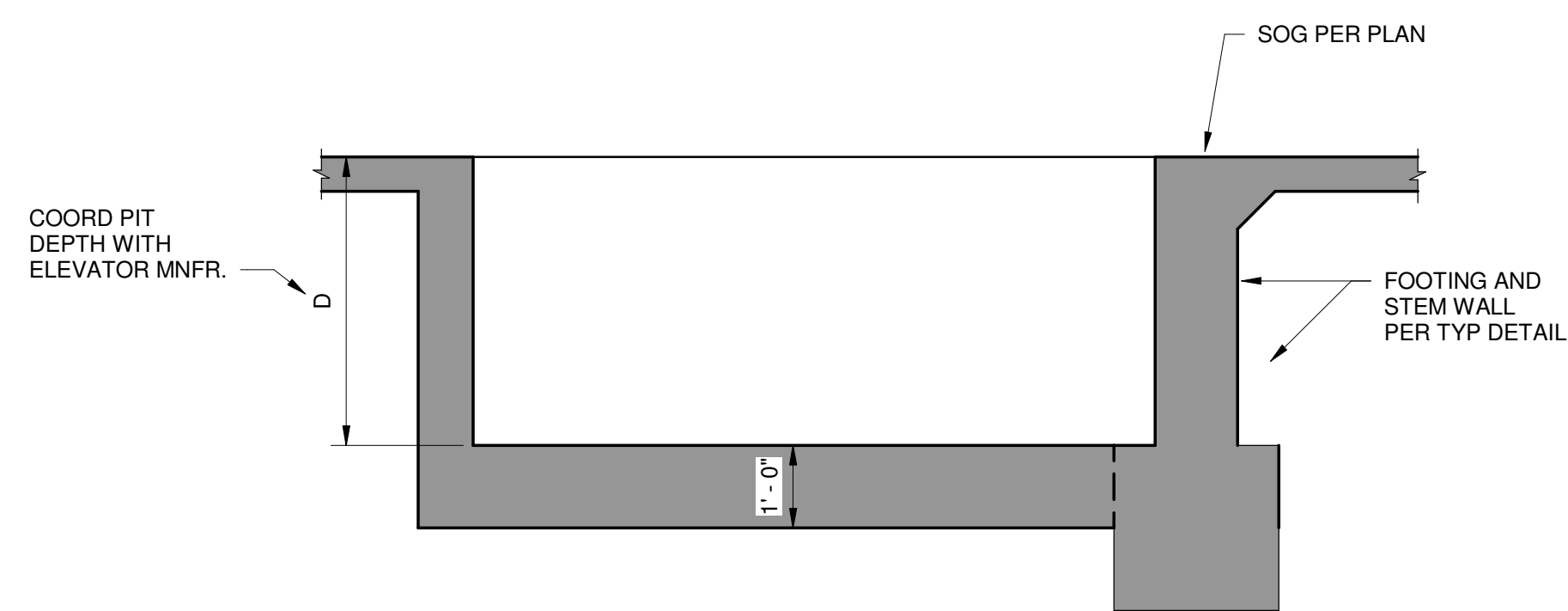
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Drawing Number S-A-722

Sheet Size ARCH D



1 TYP COLUMN FOOTING
1" = 1'-0"



4 ELEVATOR PIT SECTION
1/2" = 1'-0"

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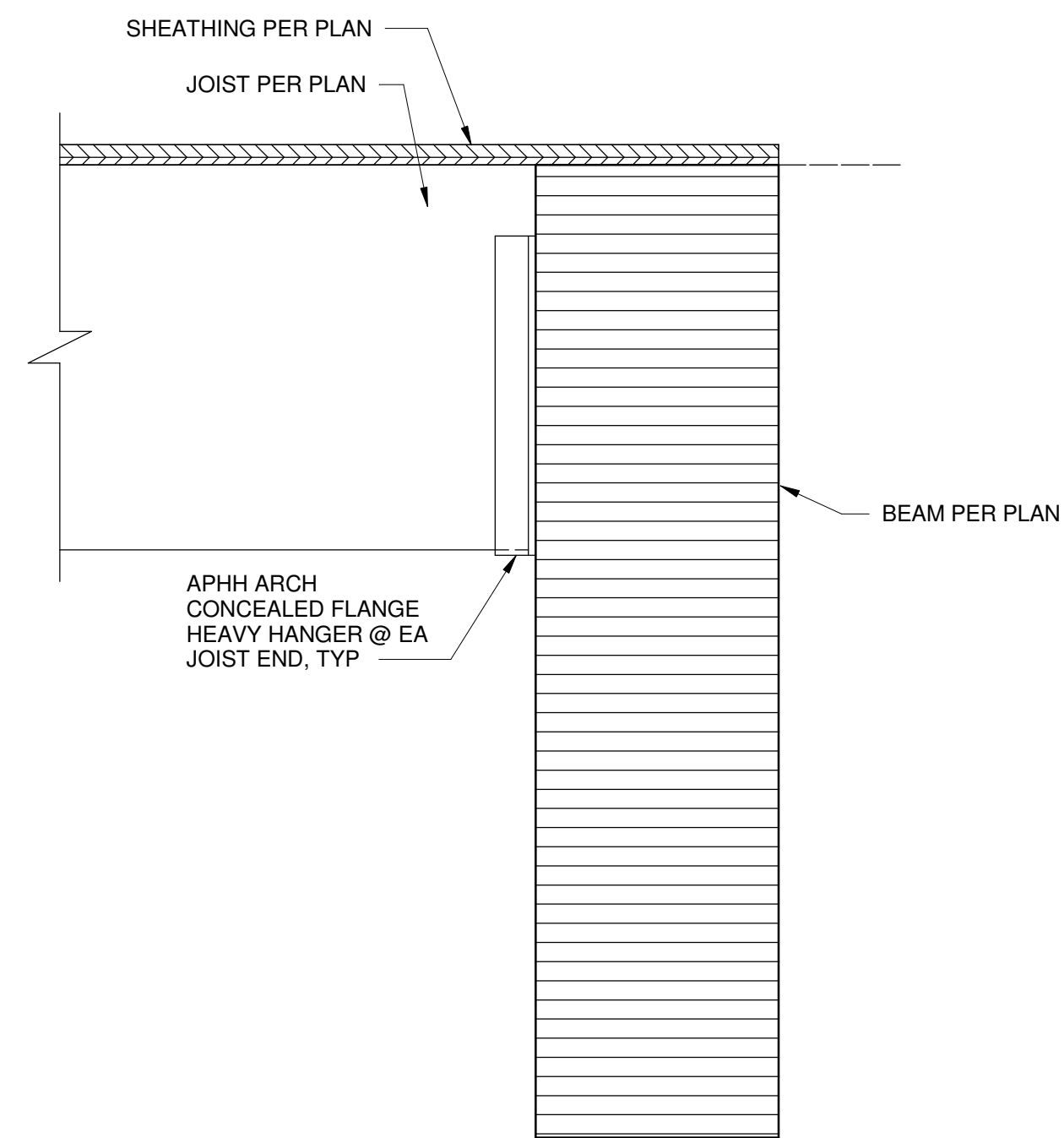
Storm King Art Center Administration Building

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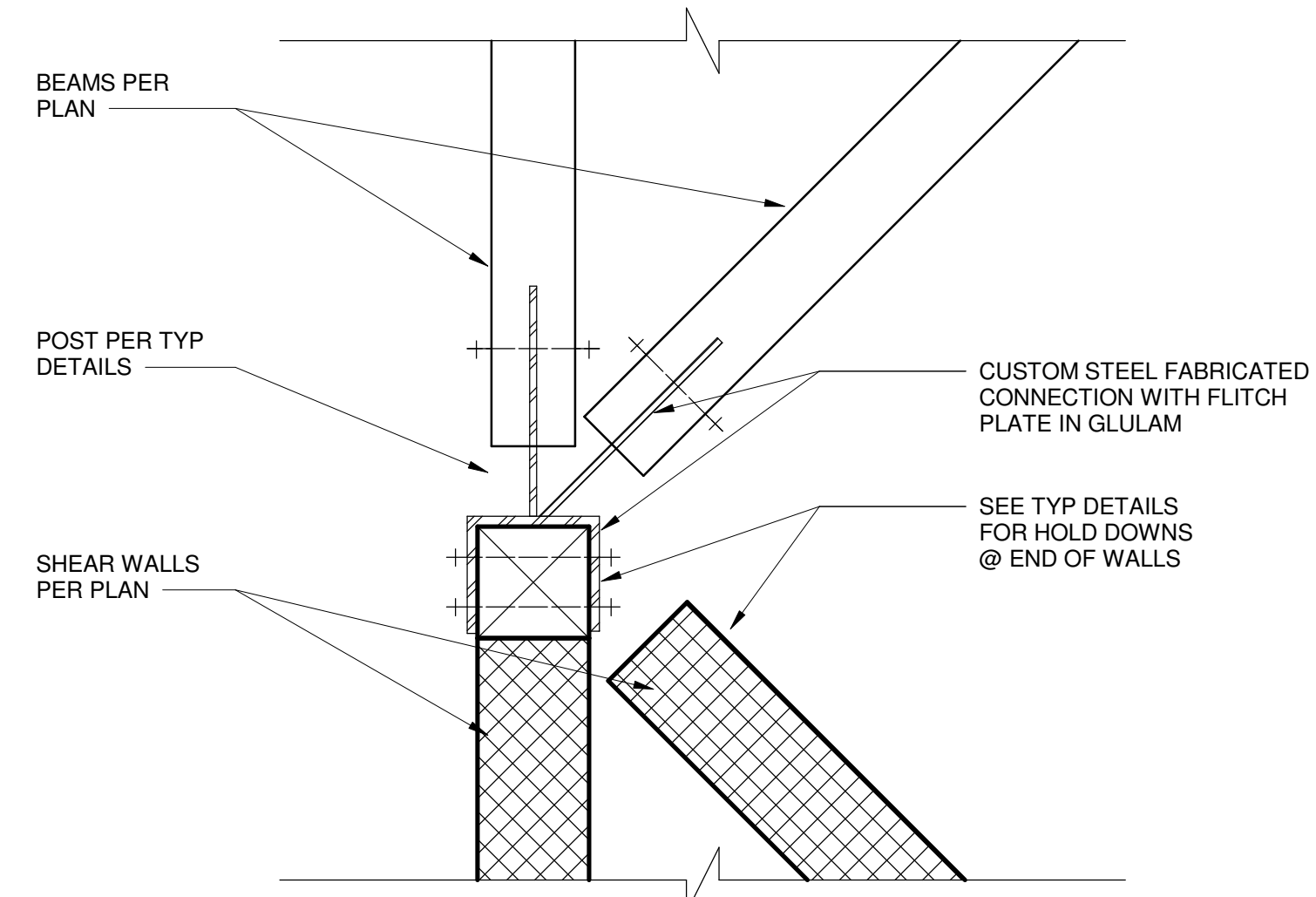
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Drawing Title
Foundation Details

Date	11/06/20
Scale	As indicated
Drawing Number	S-A-801
Sheet Size	ARCH D

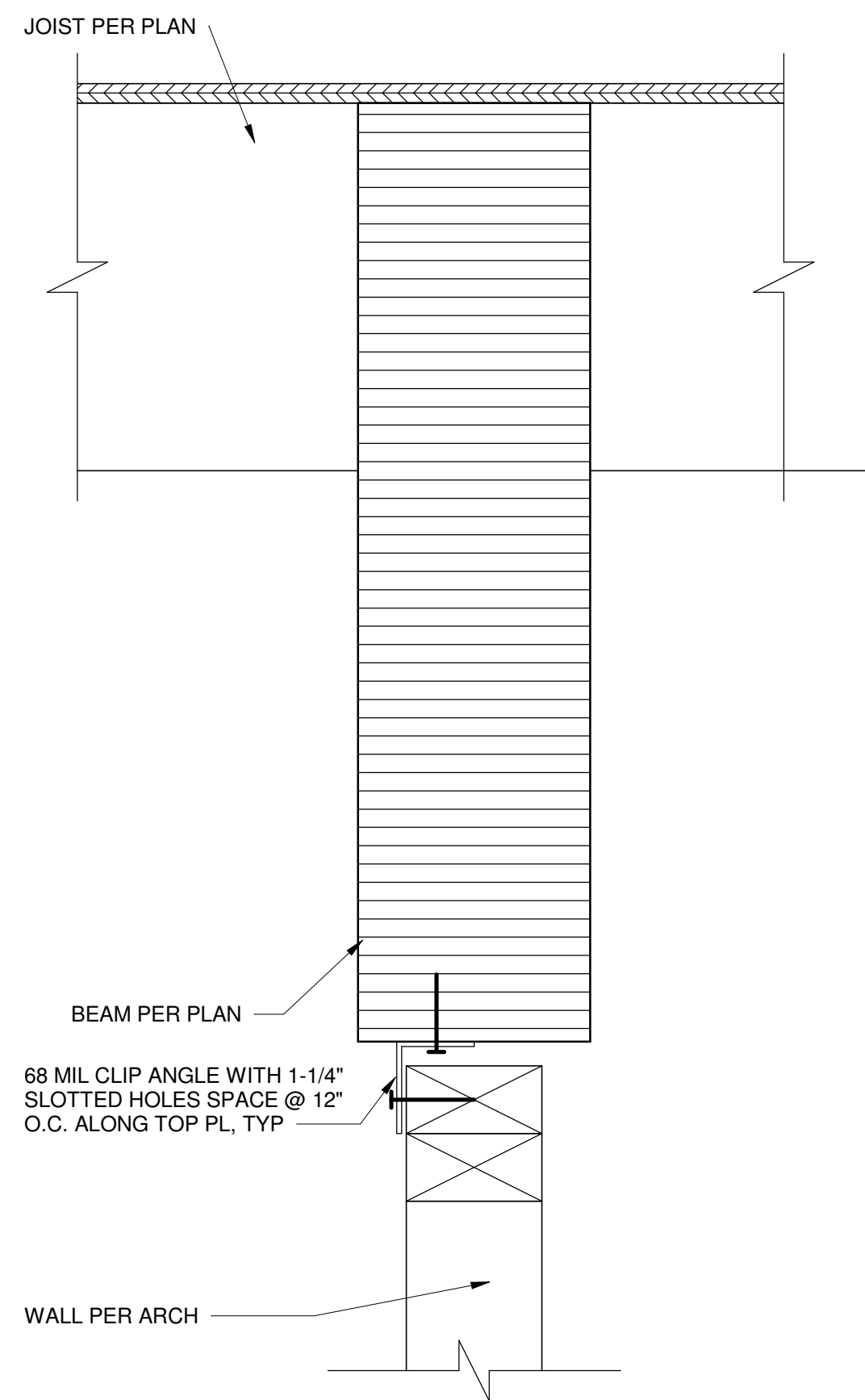


1 JOIST TO BEAM
3" = 1'-0"



NOTE: JOISTS NOT SHOWN FOR CLARITY

2 PLAN DETAIL
1" = 1'-0"



3 PARTITION WALL BELOW BEAM
3" = 1'-0"

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Description	Date
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50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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Drawing Title
Timber Details

Date 11/06/20

Scale As indicated

Drawing Number **S-A-821**

Sheet Size ARCH D

ABBREVIATIONS

ABV	ABOVE
AC	AIR CONDITIONER
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AL	ACOUSTICAL LINING
ALD	AUTOMATIC LOUVER DAMPER (MOTORIZED)
ATC	AUTOMATIC TEMPERATURE CONTROL
B.D.D.	BACK DRAFT DAMPER
BMS	BUILDING MANAGEMENT SYSTEM
BOD	BOTTOM OF DUCT
BHP	BRAKE HORSE POWER
BRD	BAROMETRIC RELIEF DAMPER
BTU	BRITISH THERMAL UNIT
CC	COOLING COIL
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CG	CEILING GRILLE
CO2	CARBON DIOXIDE
CHW	CHILLED WATER
CO	CLEAN OUT
COD	CABLE OPERATED VOLUME DAMPER
CDP	CONDENSATE DRAIN PIPING
CP	CONDENSATE PUMP RETURN
CAV	CONSTANT AIR VOLUME TERMINAL
DN	DOWN
EAT	ENTERING AIR TEMPERATURE
EXH FN	EXHAUST FAN
EHC	ELECTRIC HEATING COIL
EV	EXPANSION VESSEL/EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
ETK	EXPANSION TANK
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FD/AD	FIRE DAMPER/ACCESS DOOR
FDGA	FIRE DAMPER/GRILLE ACCESS
FTR	FIN TUBE RADIATOR
FL	FLOOR
FLA	FULL LOAD AMPS
FSD	FIRE SMOKE DAMPER
FSD/AD	FIRE SMOKE DAMPER/ACCESS DOOR
FSD/GA	FIRE SMOKE DAMPER/GRILLE ACCESS
GPM	GALLONS PER MINUTE
GX	GENERAL EXHAUST
HC	HEATING COIL
HHW	HEATING HOT WATER
HPS	HIGH PRESSURE STEAM
HP	HORSE POWER
HX	HEAT EXCHANGER (SHELL & TUBE)
ID	INSIDE DIMENSION
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LED	LINEAR EXHAUST DIFFUSER (CEILING, WALL, SILL, OR FLOOR)

LRD	LINEAR RETURN DIFFUSER (CEILING, WALL, SILL, OR FLOOR)
LSD	LINEAR SUPPLY DIFFUSER (CEILING, WALL, SILL, OR FLOOR)
LTHW	LOW TEMPERATURE HOT WATER
LVL	LEVEL
LWS	LOUVER WITH WIRE SCREEN
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MBTU	BRITISH THERMAL UNIT (1000 BTU)
MIN	MINIMUM
MO (WO)	MASONRY OPENING (WALL OPENING)
NC	NORMALLY CLOSED
NFA	NET FREE AREA
NIC	NOT IN THIS CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBOD	OPPOSED BLADE DAMPER
OED	OPEN ENDED DUCT
P	PUMP
PHC	PRE-HEAT COIL
PHX	PLATE & FRAME HEAT EXCHANGE
PSI	POUNDS PER SQUARE INCH (GAUGE)
RA	RETURN AIR
RF	RETURN FAN
RHC	REHEAT COIL
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER
RX	RECYCLING ROOM EXHAUST
SA	SUPPLY AIR
SCHW	SECONDARY CHILLED WATER
SD	SMOKE DAMPER
SD/ALD	SMOKE DAMPER AND AUTOMATIC LOUVER COMBINATION
SF	SUPPLY FAN
SG	SUPPLY GRILLE
ST	SOUND TRAP
SEF	SMOKE EXHAUST FAN
TOD	TOP OF DUCT
TF	TRANSFER FAN
TG	TOP GRILLE
TR	TOP REGISTER
TD	TRANSFER DUCT
TRX	TRASH EXHAUST
TX	TOILET EXHAUST
UH	UNIT HEATER
YAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
WMS	WIRE MESH SCREEN
(300)	CUBIC FEET OF AIR PER MINUTE OR GALLONS PER MINUTE

HVAC SYMBOLS (DUCTWORK)

	RECTANGULAR DUCT SUPPLY
	RECTANGULAR DUCT RETURN
	RECTANGULAR DUCT EXHAUST
	ROUND DUCT SUPPLY
	ROUND DUCT RETURN
	ROUND DUCT EXHAUST
	FALT OVAL DUCT SUPPLY
	FLAT OVAL DUCT RETURN
	FLAT OVAL DUCT EXHAUST
	DOUBLE WALL DUCTWORK
	DUCT WITH ACOUSTIC LINING
	DUCT WRAPPED WITH FIRE RATED INSULATION
	BRANCH DUCT WITH RADIUSED SIDE SPLIT - RECTANGULAR DUCT
	BRANCH DUCT TAP, SINGLE BOOT - RECTANGULAR DUCT
	BRANCH DUCT TAP, DOUBLE BOOT - RECTANGULAR DUCT
	BRANCH DUCT TAP, SINGLE BOOT - ROUND & FLAT OVAL DUCT
	BRANCH DUCT TAP, DOUBLE BOOT - ROUND & FLAT OVAL DUCT
	FLEXIBLE DUCT
	FLEXIBLE CONNECTION
	ACCESS DOOR
	CLEAN OUT
	DUCT THROUGH BEAM PENETRATION
	AUTOMATIC DAMPER - OPPOSED BLADE
	AUTOMATIC DAMPER - PARALLEL BLADE
	FIRE SMOKE DAMPER
	FIRE DAMPER
	BACKDRAFT DAMPER
	BAROMETRIC DAMPER
	SQUARE CEILING DIFFUSER (SHADED SECTORS INDICATE BLANK OFFS)
	ROUND CEILING DIFFUSER (SHADED SECTORS INDICATE BLANK OFFS)
	ROUND FLOOR DIFFUSER (UFAD)
	REGISTER - SIDEWALL/CEILING/FLOOR - SUPPLY
	REGISTER/GRILLE - SIDEWALL/CEILING/FLOOR - RETURN/EXHAUST
	WALL TRANSFER GRILLES
	LINEAR DIFFUSER/GRILLE - SUPPLY/RETURN/EXHAUST (UNSHADED SECTIONS INDICATE ACTIVE LINEAR, SHADED SECTIONS INDICATE BLANK OFF)
	PLENUM FOR LINEAR DIFFUSER/GRILLE
	DUCT SMOKE DETECTOR
	DUCT FIRESTAT
	AIRFLOW STATION
	SOUND TRAP
	ACOUSTIC TRANSFER DUCT
	TERMINAL UNIT - VAV BOX - WITH/WITHOUT HEATING COIL
	TERMINAL UNIT - FAN COIL UNIT
	TERMINAL UNIT - FAN POWERED BOX WITH/WITHOUT HEATING COIL
	TERMINAL UNIT - FAN POWERED CHILLED BEAM - WITH HEATING & COOLING COILS
	TERMINAL UNIT - ACTIVE CHILLED BEAM - CEILING MOUNTED (SEE EQUIPMENT SCHEDULES)

HVAC SYMBOLS (DUCTWORK)

	TERMINAL UNIT - ACTIVE CHILLED BEAM - HORIZONTAL ABOVE CEILING MOUNTED (SEE EQUIPMENT SCHEDULES)
	TERMINAL UNIT - ACTIVE CHILLED BEAM - VERTICAL ABOVE CEILING MOUNTED (SEE EQUIPMENT SCHEDULES)
	TERMINAL UNIT - AIRFLOW REGULATOR (SLIP IN TYPE)
	TERMINAL UNIT - FAN BOOSTER UNIT (UFAD)
	LINT TRAP
	DUCT MOUNTED COIL
	DUCT MOUNTED UVGI
	DUCT MOUNTED HUMIDIFIER

HVAC SYMBOLS (PIPING)

	PIPE TURNING UP
	PIPE TURNING DOWN
	SLOPE RISE IN DIRECTION OF FLOW
	SLOPE DROP IN DIRECTION OF FLOW
	PIPE THROUGH BEAM PENETRATION
	WALL SLEEVE WITH WATER STOP
	ELBOW
	TEE
	BRANCH PIPE TOP CONNECTION
	BRANCH PIPE BOTTOM CONNECTION
	REDUCER/INCREASER CONCENTRIC
	REDUCER/DECREASER ECCENTRIC
	UNION
	FLANGED JOINT
	BLIND FLANGE
	END CAP
	PIPE GUIDE
	PIPE ANCHOR
	BALL VALVE - MANUAL (LEVER HANDLE)
	BALL VALVE - MANUAL (TEE HANDLE)
	BALL VALVE - MOTORIZED
	GENERAL DUTY ISOLATION VALVE (SEE SPEC FOR TYPE)
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE - MANUAL
	BUTTERFLY VALVE - MOTORIZED
	ORBIT VALVE
	FLOWSETTER VALVE (BALANCING)
	CARTRIDGE FLOW BALANCER
	PRESSURE REDUCING VALVE
	PLUG VALVE
	CHECK VALVE (SWING TYPE)
	CHECK VALVE (SILENT TYPE, CENTER GUIDED)
	PRESSURE INDEPENDENT CONTROL VALVE (PICV)
	2 WAY CONTROL VALVE
	3 WAY CONTROL VALVE (MIXING TYPE)
	3 WAY CONTROL VALVE (DIVERTING TYPE)
	SOLENOID VALVE
	RELIEF VALVE
	BACKFLOW PREVENTOR
	BACKFLOW PREVENTER (RPZ TYPE)
	AIR VENT (AUTOMATIC)
	TEMPERATURE GAUGE (DUCT MOUNTED)
	PRESSURE GAUGE W/ PIGTAIL AND PETCOCK

HVAC SYMBOLS (PIPING)

	SIGHTGLASS
	SIGHTGLASS WITH MOISTURE INDICATOR (REFRIGERANT)
	FILTER-DRYER
	LEAK DETECTOR, PROBE TYPE
	LEAK DETECTOR, CABLE TYPE
	METER
	AIR VENT (MANUAL)
	Y-STRAINER WITH HOSE END
	Y-STRAINER WITH BLOW OFF BALL VALVE
	Y-STRAINER
	DRAIN VALVE WITH CAPPED HOSE END
	DUPLEX BASKET STRAINER
	NOISE SUPPRESSOR (STEAM PRV)
	TEMPERATURE GAUGE
	PRESSURE GAUGE W/ PIGTAIL AND PETCOCK
	FLEXIBLE COUPLING
	PIPE IN PIPE (FUEL OIL)
	HEAT TRACED PIPE
	AIR SEPARATOR
	EXPANSION TANK
	CHEM SHOT FEEDER
	SHELL AND TUBE HEAT EXCHANGER
	PLATE AND FRAME HEAT EXCHANGER
	PUMP

CONTROLS SYMBOLS

	THERMOSTAT
	TEMPERATURE SENSOR
	HUMIDISTAT
	HUMIDITY SENSOR
	CARBON MONOXIDE SENSOR
	CARBON DIOXIDE SENSOR
	NITROGEN DIOXIDE SENSOR
	HYDROGEN SENSOR
	REFRIGERANT SENSOR
	EMERGENCY POWER OFF SWITCH
	TEMPERATURE GAUGE WITH PIPE WELL

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Key Plan

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50% Design Development	02/24/20
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50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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Drawing Title

Abbreviations, Symbols, and Legend

Date 11/06/20

Scale Not to Scale

Drawing Number M-A-001

Sheet Size ARCH D

GENERAL NOTES

DRAWINGS ARE PRESENTED HERE AT A 50% CONSTRUCTION DOCUMENTS LEVEL. WHERE DETAIL IS NOT YET SHOWN, PROVIDE ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL HVAC SYSTEM INCLUDING, BUT NOT LIMITED TO:

- THERMOSTATS FOR ALL ZONES ASSOCIATED WITH HEATING AND COOLING UNITS
- CO2 SENSORS IN ALL DENSELY OCCUPIABLE AREAS
- FACTORY PACKAGED CONTROLS FOR ALL COMPLEX EQUIPMENT.
- FULL STORM KING FACILITY CENTRAL BUILDING MANAGEMENT SYSTEM, CONNECTING ALL CURRENT AND FUTURE BUILDINGS, AS DESCRIBED ON THE MECHANICAL COVER SHEET
- BALANCING DAMPERS AT ALL AIR TERMINALS
- ACOUSTIC DUCT LINING 10FT UPSTREAM AND DOWNSTREAM OF ALL FANS
- DUCT SILENCERS AT ALL DUCT CONNECTIONS TO AIR HANDLING UNITS AND ROOF MOUNTED UNITS
- FIRE DAMPERS AND FIRE/SMOKE DAMPERS AT ALL DUCT PENETRATIONS THROUGH RATED WALLS.
- INSULATION ON ALL AIR DUCT, HYDRONIC PIPES AND REFRIGERANT PIPES
- DOUBLE-WALL CONSTRUCTION ON ALL EXPOSED DUCT VISIBLE FROM OCCUPIED SPACES
- SHUTOFF VALVES AT ALL PIPED COMPONENTS
- SPRING VIBRATION ISOLATION AT ALL EQUIPMENT WITH MOVING PARTS
- FIRESTOPPING OF ALL DUCT AND PIPE PENETRATIONS THROUGH ALL WALLS
- HEAT TRACING FOR ALL HYDRONIC PIPING OUTSIDE OF THE BUILDING ENVELOPE
- CONDENSATE DRAIN PIPING FROM ALL COOLING COILS TO DRAIN (INCLUDE CONDENSATE PUMPS WHERE NECESSARY FOR GRAVITY DRAIN)
- AUXILIARY DRIP PANS AND LEAK DETECTION UNDERNEATH ANY HYDRONIC EQUIPMENT (INCLUDING ASSOCIATED VALVING/TRIM)
- AIRFLOW MONITORING STATIONS ON AHUS
- VFDs FOR ANY FAN OR PUMP MOTOR WHICH IS NOT AN ECM
- ACOUSTICALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE CEILINGS WHERE WALLS EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.
- ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL VRF SYSTEM INCLUDING VALVING AND CONTROL WIRING

GRILLES AND DIFFUSERS

SPACES WITHOUT CEILINGS ADJACENT TO THE CENTRAL MEP PLENUM. THESE SPACES TO BE SERVED BY SIDEWALL CONTINUOUS LINEAR BAR GRILLES LOCATED IN THE WALL OF THE MEP PLENUM. THE CONTINUOUS BAR GRILLE WILL INCLUDE BOTH SUPPLY TO THE SPACE, AND RETURN BACK TO THE PLENUM IN WHICH THE FAN COIL UNITS ARE LOCATED. PROVIDE ACOUSTICALLY LINED SHEET METAL BOOTS ON THE PLENUM-SIDE OF ALL RETURN SIDEWALL GRILLES

SPACES WITH CEILINGS. THESE SPACES TO BE PROVIDED WITH LINEAR SLOT DIFFUSERS FOR SUPPLY AND RETURN. PROVIDE ACOUSTICALLY LINED SHEET METAL BOOTS ON THE RETURN SLOTS.

SPACES WITHOUT CEILINGS SHOWING EXPOSED SUPPLY DUCTWORK. THESE SPACES TO BE SERVED BY DUCT-MOUNTED DIFFUSERS. PROVIDE RETURN BAR GRILLE WITH ACOUSTICALLY LINED SHEET METAL BOOT FROM SPACE BACK TO FCU IN ADJACENT CEILING PLENUM

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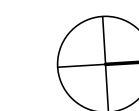
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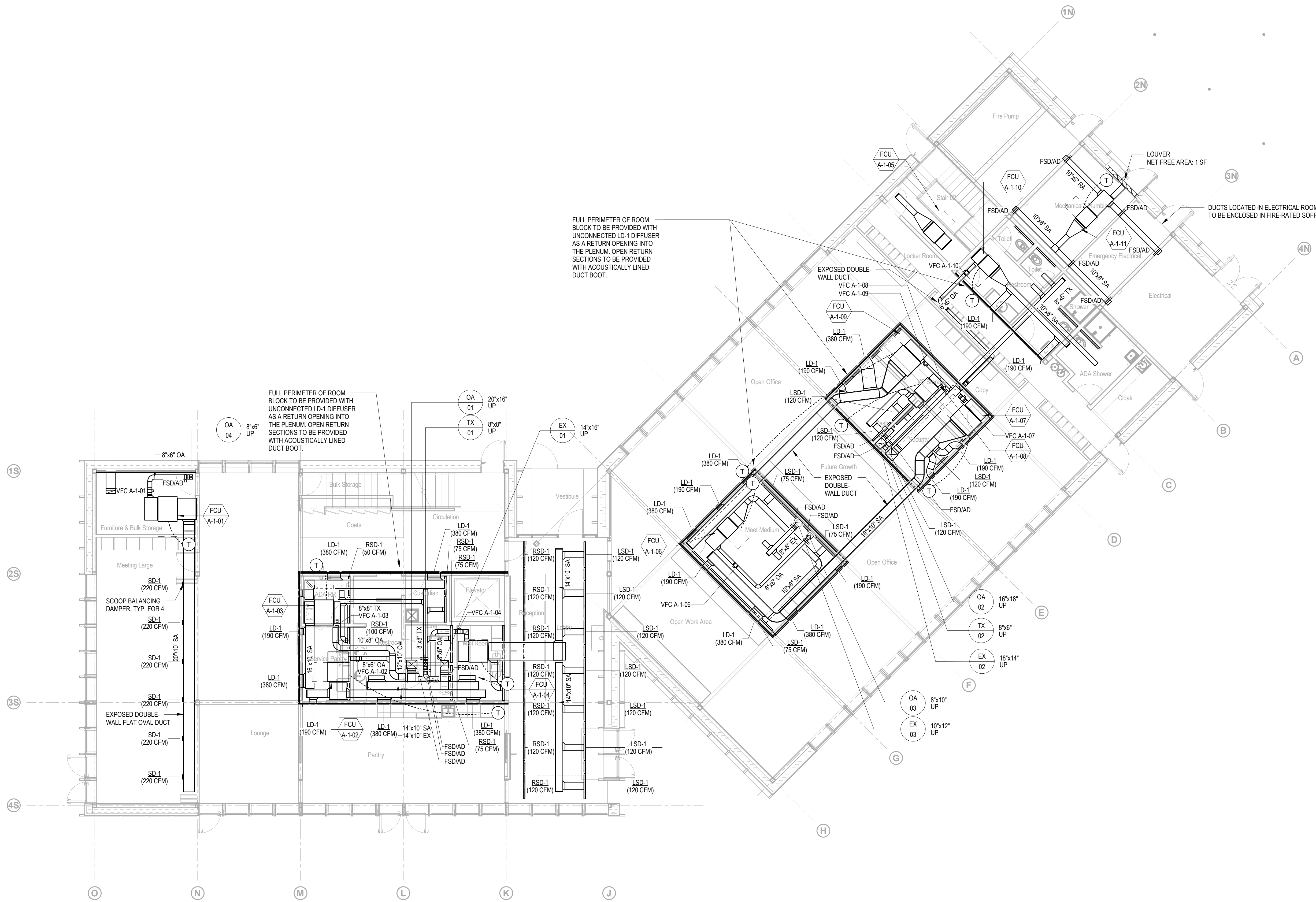
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
**Duct Plan - Ground
Level**

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-101
Sheet Size	ARCH D



FULL PERIMETER OF ROOM BLOCK TO BE PROVIDED WITH UNCONNECTED LD-1 DIFFUSER AS A RETURN OPENING INTO THE PLENUM. OPEN RETURN SECTIONS TO BE PROVIDED WITH ACOUSTICALLY LINED DUCT BOOT.

FULL PERIMETER OF ROOM BLOCK TO BE PROVIDED WITH UNCONNECTED LD-1 DIFFUSER AS A RETURN OPENING INTO THE PLENUM. OPEN RETURN SECTIONS TO BE PROVIDED WITH ACOUSTICALLY LINED DUCT BOOT.

DUCTS LOCATED IN ELECTRICAL ROOMS TO BE ENCLOSED IN FIRE-RATED SOFFIT

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- CO2 SENSORS IN ALL DENSELY OCCUPIABLE AREAS
- FACTORY PACKAGED CONTROLS FOR ALL COMPLEX EQUIPMENT.
- FULL STORM KING FACILITY CENTRAL BUILDING MANAGEMENT SYSTEM, CONNECTING ALL CURRENT AND FUTURE BUILDINGS, AS DESCRIBED ON THE MECHANICAL COVER SHEET
- BALANCING DAMPERS AT ALL AIR TERMINALS
- ACOUSTIC DUCT LINING 10FT UPSTREAM AND DOWNSTREAM OF ALL FANS
- DUCT SILENCERS AT ALL DUCT CONNECTIONS TO AIR HANDLING UNITS AND ROOF MOUNTED UNITS
- FIRE DAMPERS AND FIRE/SMOKE DAMPERS AT ALL DUCT PENETRATIONS THROUGH RATED WALLS.
- INSULATION ON ALL AIR DUCT, HYDRONIC PIPES AND REFRIGERANT PIPES
- DOUBLE-WALL CONSTRUCTION ON ALL EXPOSED DUCT VISIBLE FROM OCCUPIED SPACES
- SHUTOFF VALVES AT ALL PIPED COMPONENTS
- SPRING VIBRATION ISOLATION AT ALL EQUIPMENT WITH MOVING PARTS
- FIRESTOPPING OF ALL DUCT AND PIPE PENETRATIONS THROUGH ALL WALLS
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- ACOUSTICALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE CEILINGS WHERE WALLS EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.
- ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL VRF SYSTEM INCLUDING VALVING AND CONTROL WIRING

GRILLES AND DIFFUSERS

SPACES WITHOUT CEILINGS ADJACENT TO THE CENTRAL MEP PLENUM. THESE SPACES TO BE SERVED BY SIDEWALL CONTINUOUS LINEAR BAR GRILLES LOCATED IN THE WALL OF THE MEP PLENUM. THE CONTINUOUS BAR GRILLE WILL INCLUDE BOTH SUPPLY TO THE SPACE, AND RETURN BACK TO THE PLENUM IN WHICH THE FAN COIL UNITS ARE LOCATED. PROVIDE ACOUSTICALLY LINED SHEET METAL BOOTS ON THE PLENUM-SIDE OF ALL RETURN SIDEWALL GRILLES

SPACES WITH CEILINGS

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

SPACES WITHOUT CEILINGS SHOWING EXPOSED SUPPLY DUCTWORK. THESE SPACES TO BE SERVED BY DUCT-MOUNTED DIFFUSERS. PROVIDE RETURN BAR GRILLE WITH ACOUSTICALLY LINED SHEET METAL BOOT FROM SPACE BACK TO FCU IN ADJACENT CEILING PLENUM

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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

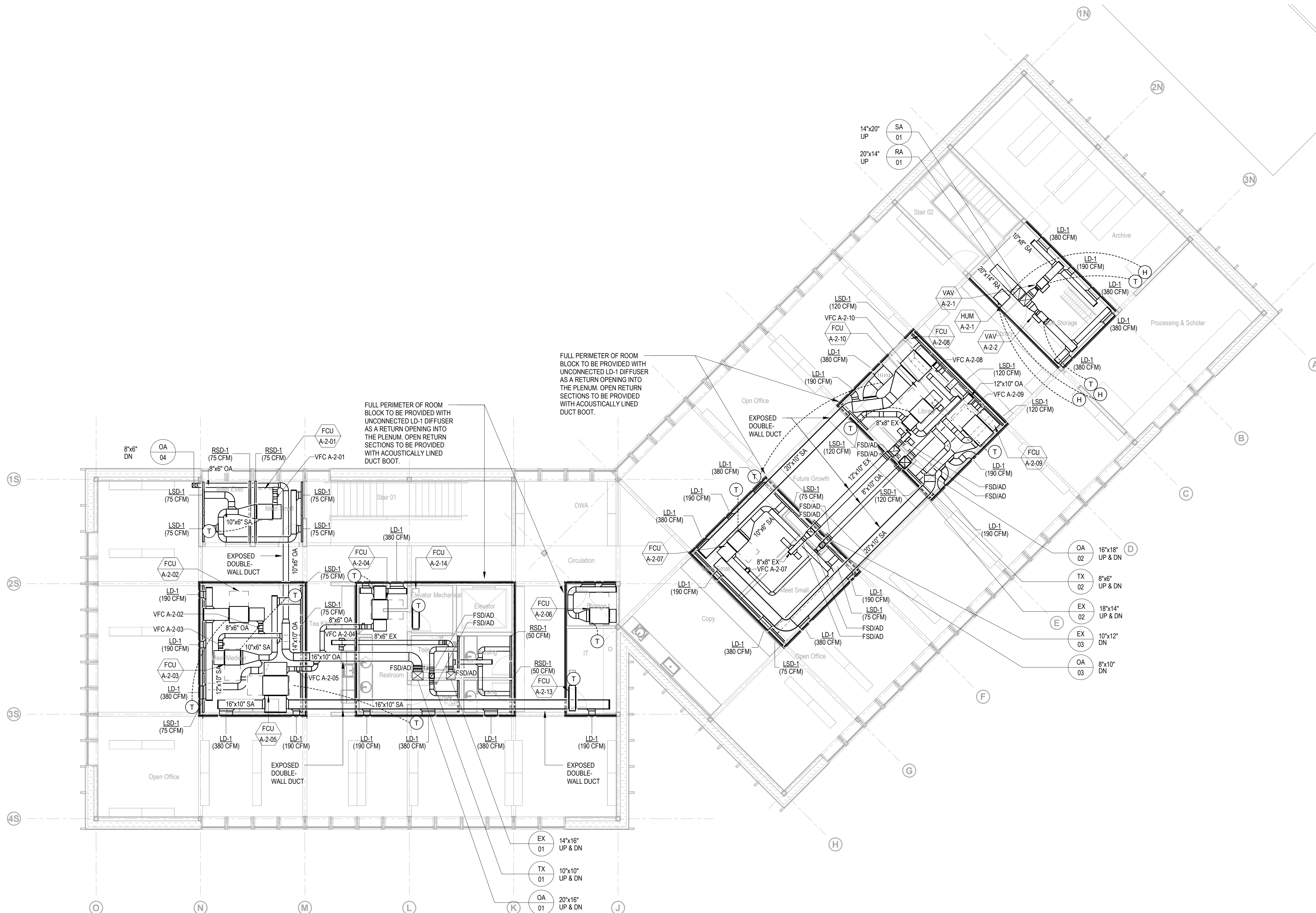
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Duct Plan - Second Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-102
Sheet Size	ARCH D



FULL PERIMETER OF ROOM BLOCK TO BE PROVIDED WITH UNCONNECTED LD-1 DIFFUSER AS A RETURN OPENING INTO THE PLENUM. OPEN RETURN SECTIONS TO BE PROVIDED WITH ACOUSTICALLY LINED DUCT BOOT.

FULL PERIMETER OF ROOM BLOCK TO BE PROVIDED WITH UNCONNECTED LD-1 DIFFUSER AS A RETURN OPENING INTO THE PLENUM. OPEN RETURN SECTIONS TO BE PROVIDED WITH ACOUSTICALLY LINED DUCT BOOT.

EXPOSED DOUBLE-WALL DUCT

EXPOSED DOUBLE-WALL DUCT

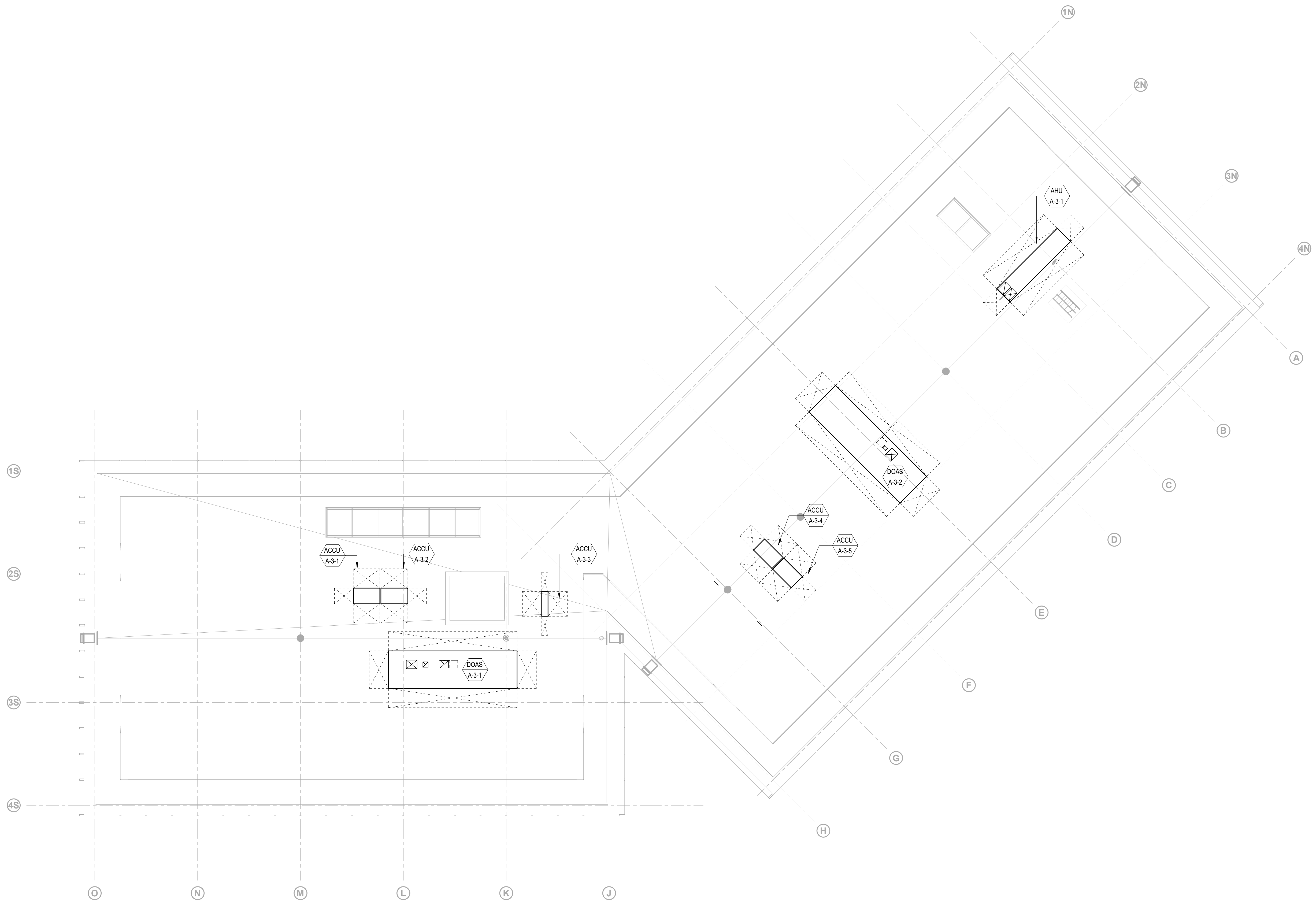
EXPOSED DOUBLE-WALL DUCT

EXPOSED DOUBLE-WALL DUCT

EXPOSED DOUBLE-WALL DUCT

- EX 01 14"x16" UP & DN
- TX 01 10"x10" UP & DN
- OA 01 20"x16" UP & DN

- OA 02 16"x18" UP & DN
- TX 02 8"x6" UP & DN
- EX 02 18"x14" UP & DN
- EX 03 10"x12" DN
- OA 03 8"x10" DN



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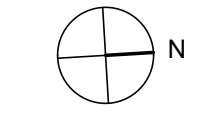
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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Duct Plan - Roof
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-103
Sheet Size	ARCH D

GENERAL NOTES

DRAWINGS ARE PRESENTED HERE AT A 50% CONSTRUCTION DOCUMENTS LEVEL. WHERE DETAIL IS NOT YET SHOWN, PROVIDE ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL HVAC SYSTEM INCLUDING, BUT NOT LIMITED TO:

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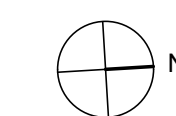
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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

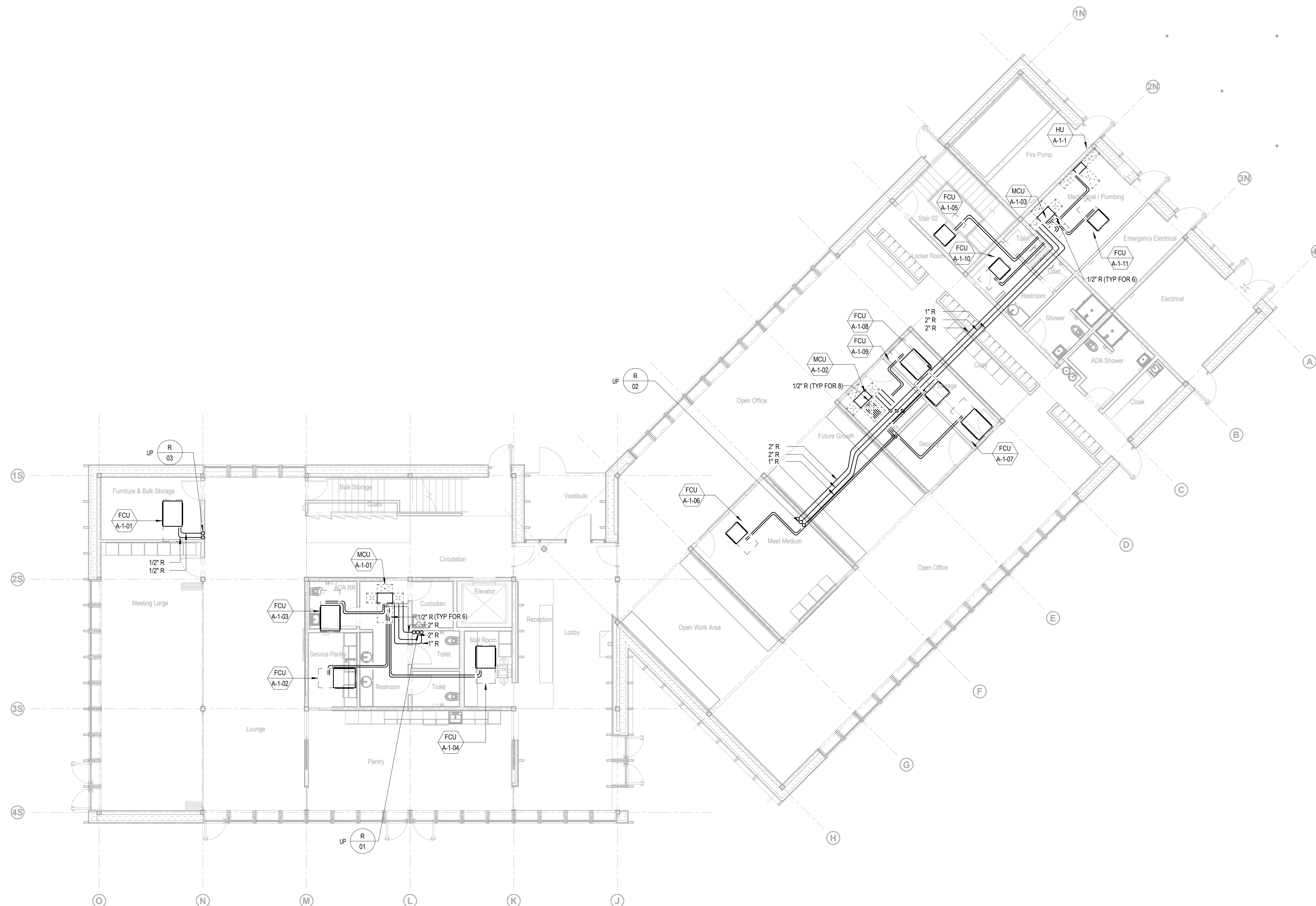
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
**Pipe Plan - Ground
Level**

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-201
Sheet Size	ARCH D



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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

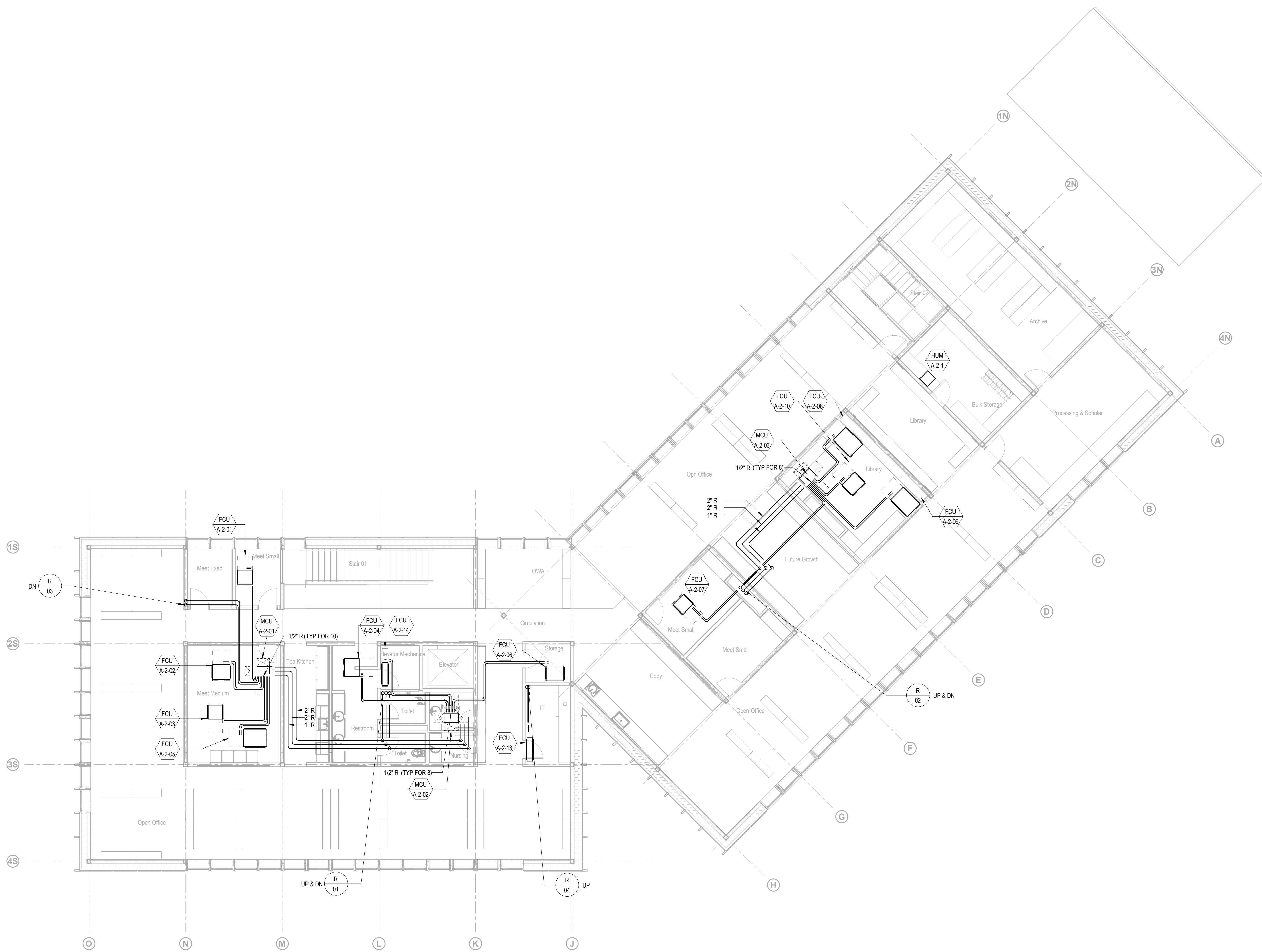
**Storm King
Art Center
Administration
Building**

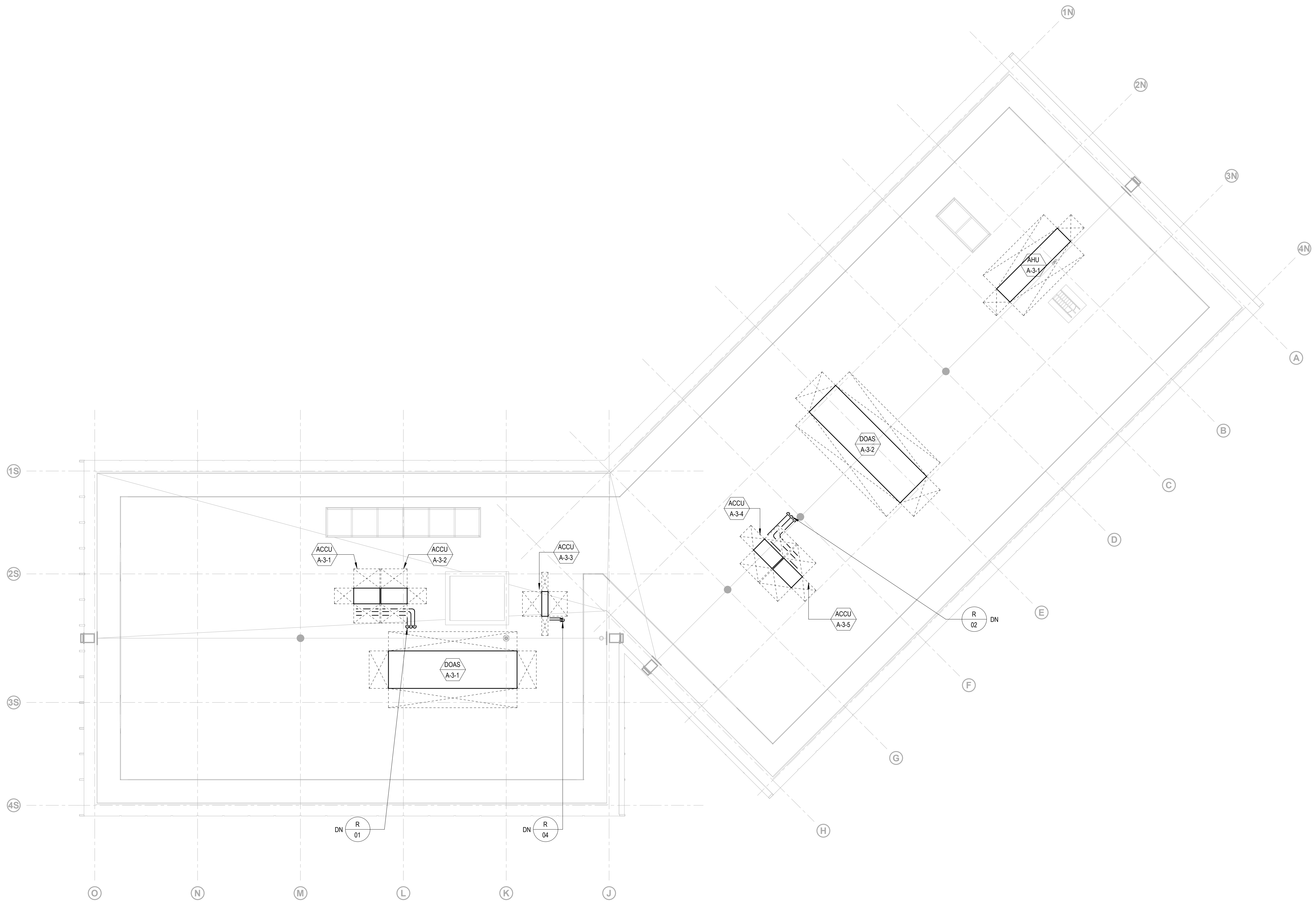
Seal

NOT FOR CONSTRUCTION

Drawing Title
**Pipe Plan - Second
Level**

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-202
Sheet Size	ARCH D





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Key Plan

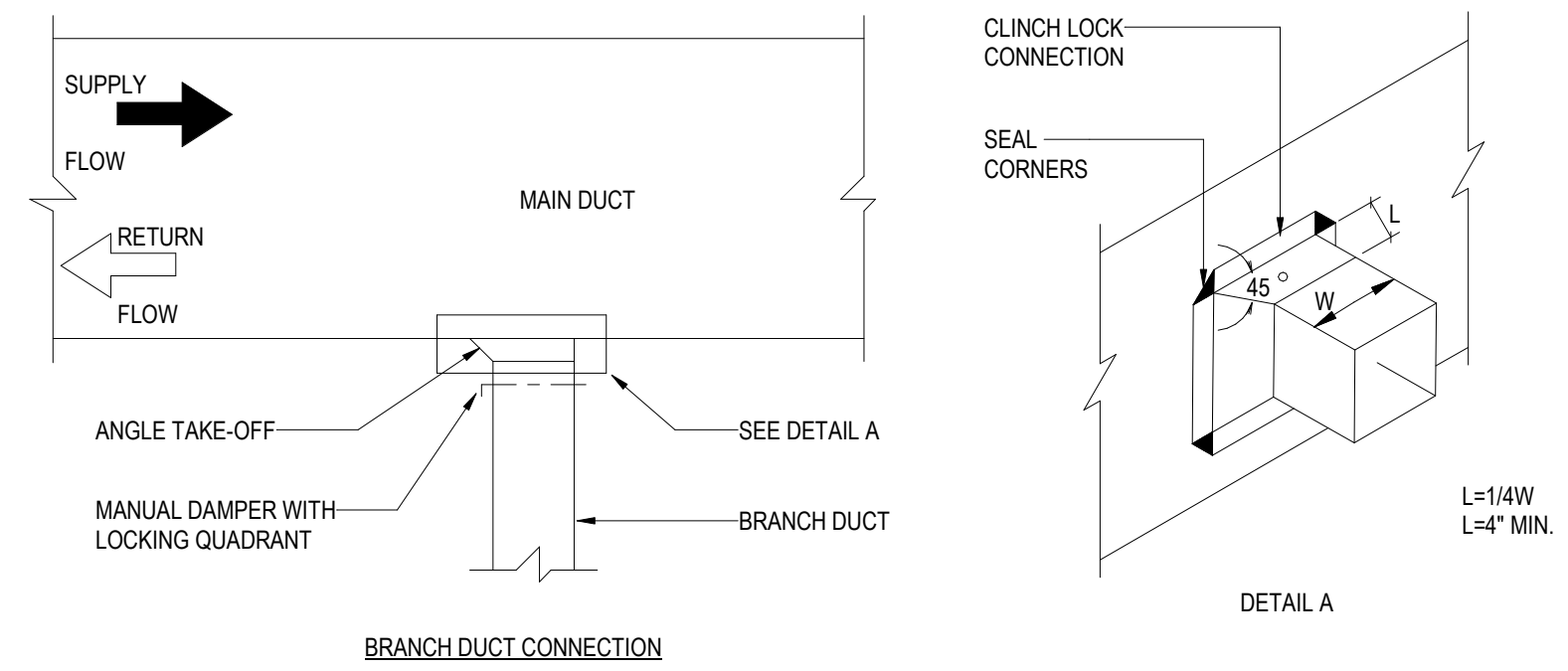
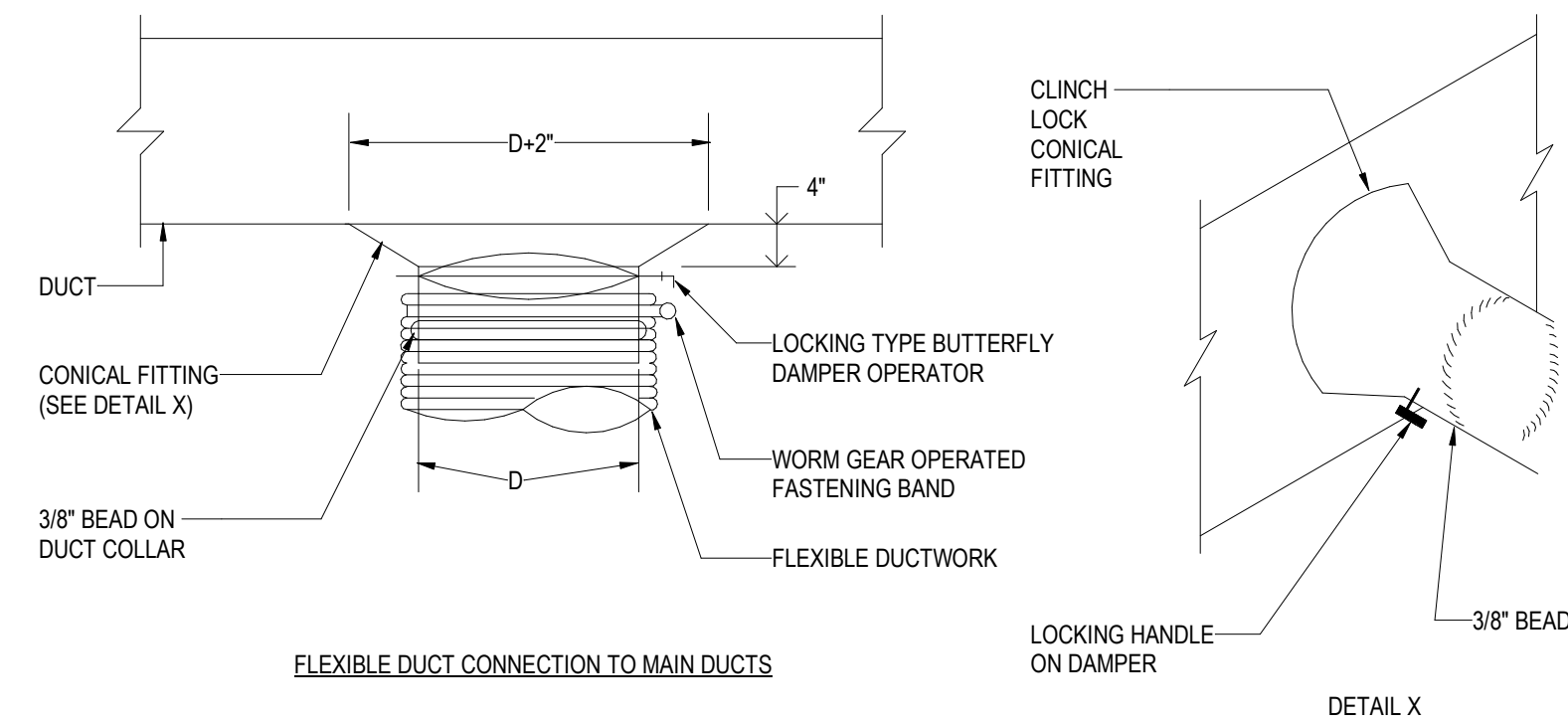
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

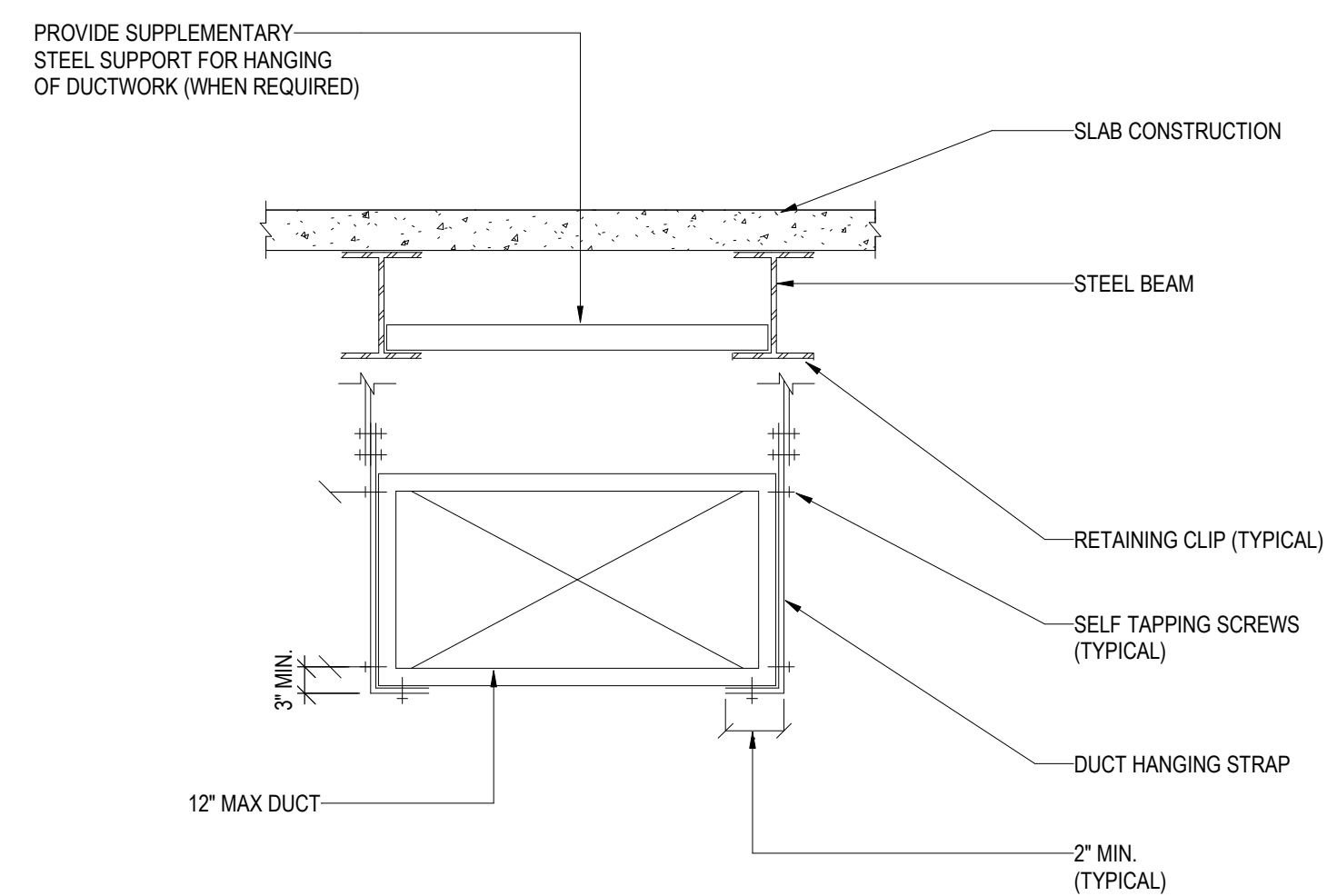
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Pipe Plan - Roof
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	M-A-203
Sheet Size	ARCH D

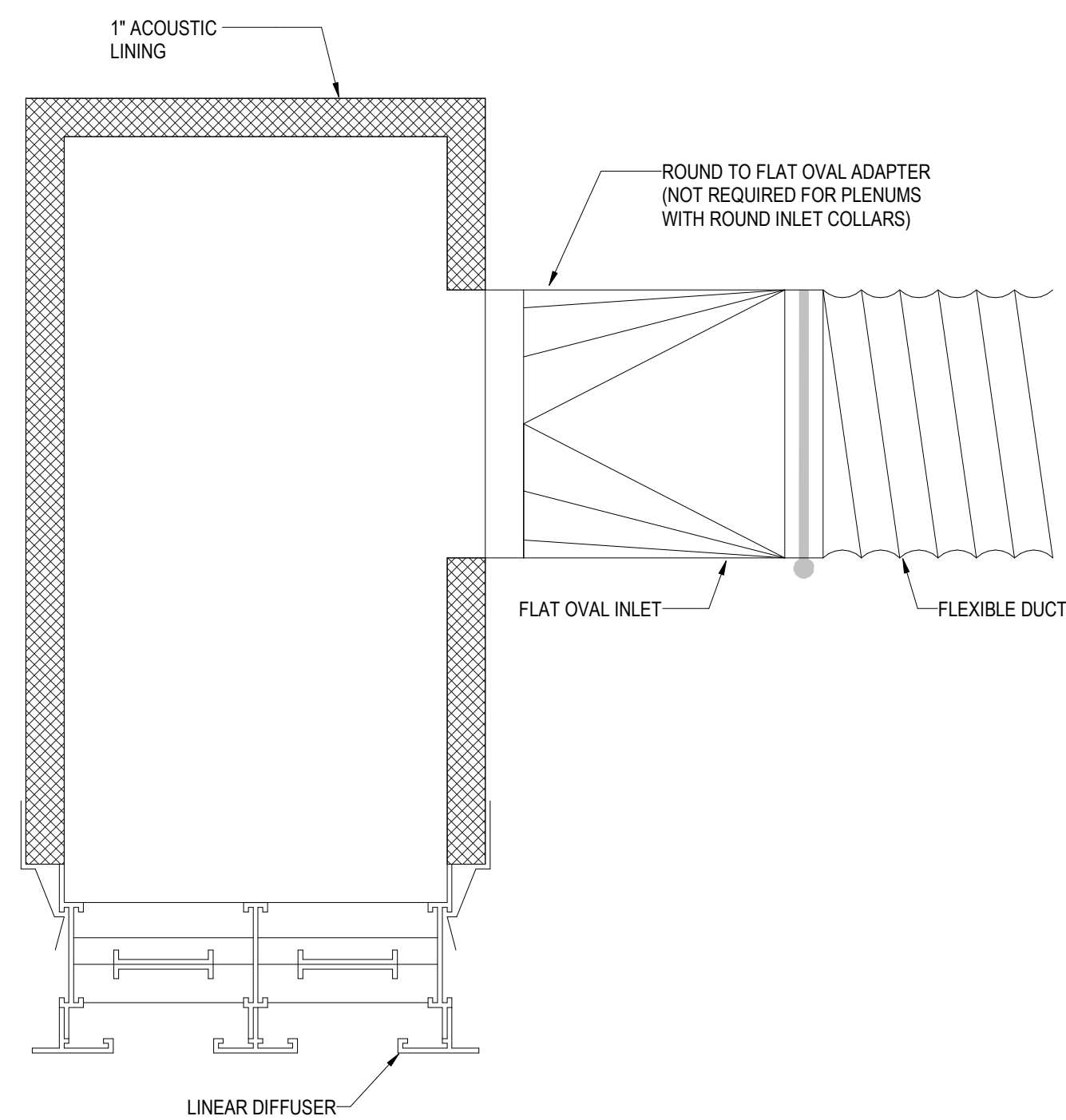


1 LOW PRESSURE BRANCH DUCT CONNECTIONS
NOT TO SCALE

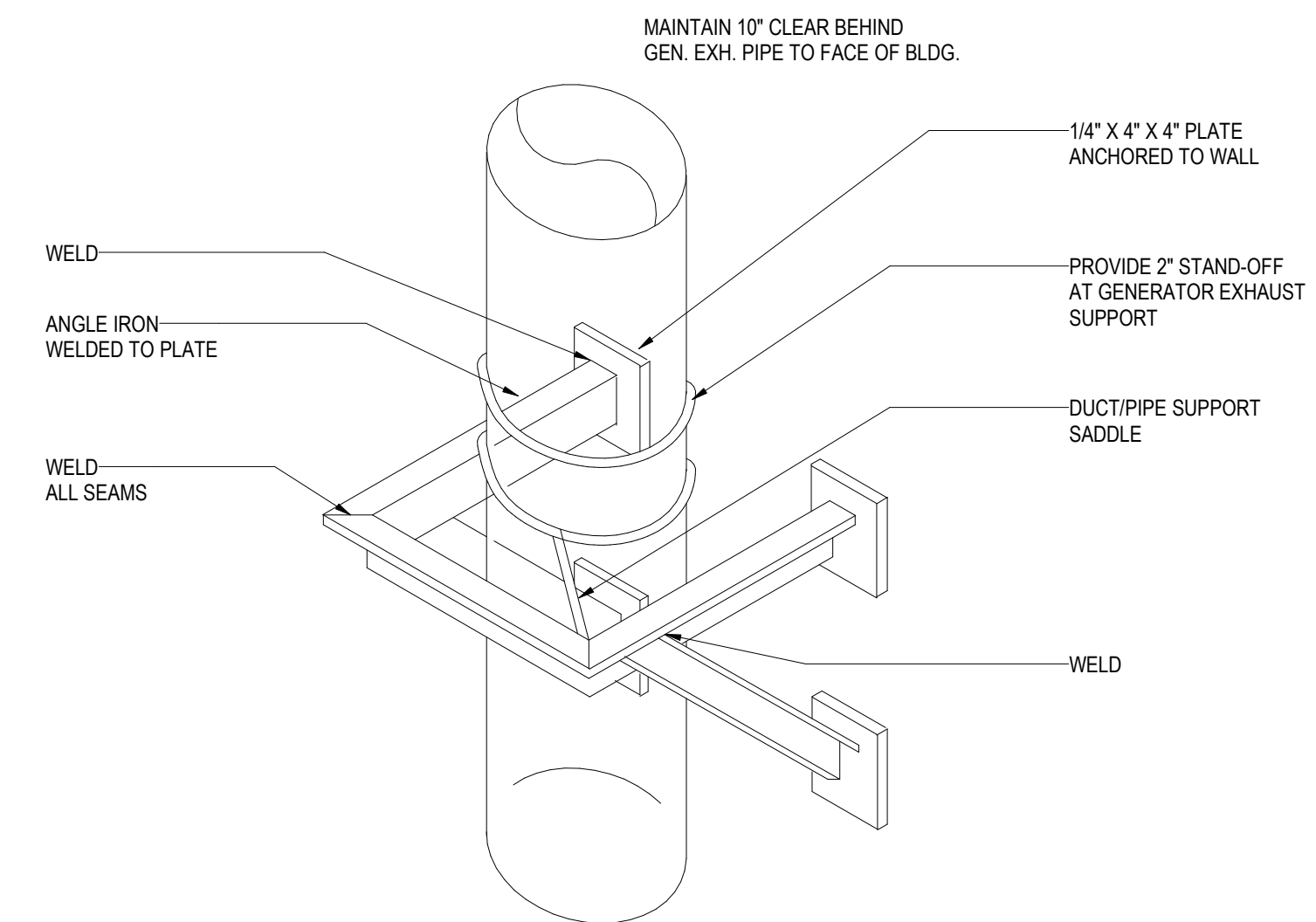


NOTES:
1. DUCT SHALL BE SUSPENDED WITH GALVANIZED BAND IRON STRAPS SECURELY FASTENED TO THE BOTTOM AND SIDE OF THE DUCT. STRAPS TO BE SIZED IN ACCORDANCE WITH SMACNA TABLE 4-1 OR ACCORDING TO LOCAL CODES, WHICHEVER IS MORE STRINGENT.
2. DUCTS WIDER THEN 60 INCHES TO BE SUPPORTED BY THE TRAPEZE ANGLES IN ACCORDANCE WITH SMACNA TABLE 4-3.
3. REFERENCE SHALL ALSO BE MADE TO SPECIFICATION SECTION 230548

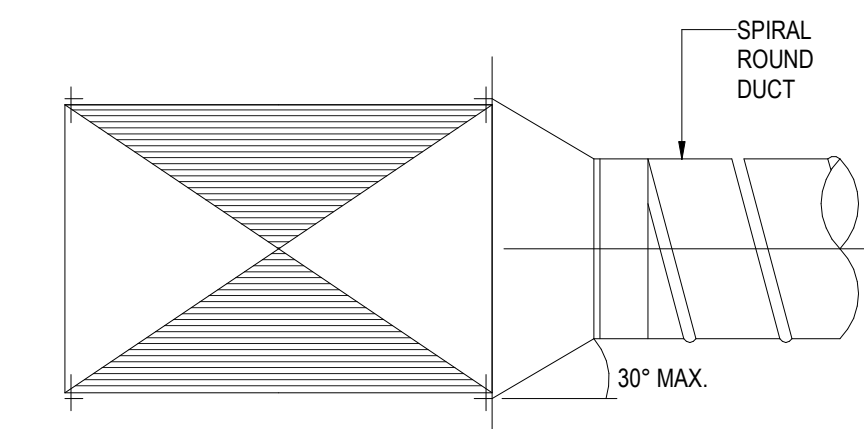
4 DUCT HANGING FROM STRUCTURAL STEEL
NOT TO SCALE



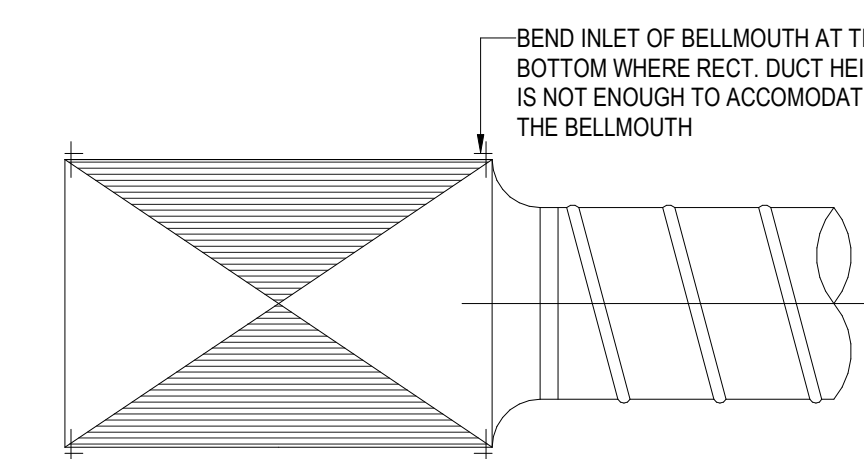
5 LINEAR DIFFUSER PLENUM
NOT TO SCALE



3 SUPPORT SYSTEM FOR VERTICAL DUCTS
NOT TO SCALE



CONICAL



BELLMOUTH

NOTE:
1. SECURE ALL CONNECTIONS TO COMPLY WITH THE REQUIREMENTS OF THE PRESSURE CLASS SPECIFIED.
2. SUPPLY ROUND DUCT TAKE-OFF IS SHOWN. RETURN/EXHAUST SIMILAR.
3. *SPIN-INS* PERMITTED ONLY W/DUCT CONSTRUCTION OF 2\"/>

6 ROUND TAKE OFF CONNECTION FROM RECTANGULAR
NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

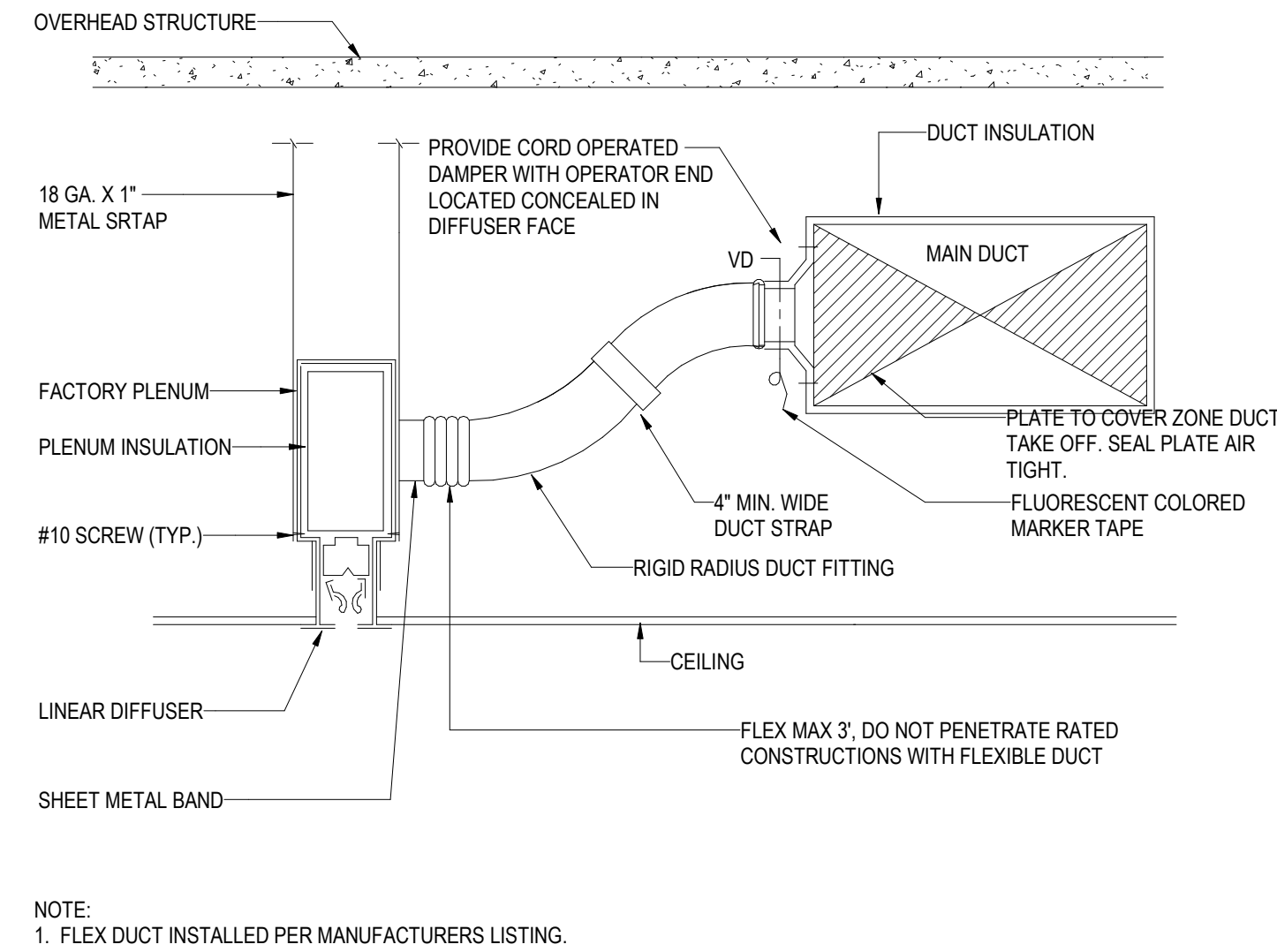
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Mechanical Details

Date 11/06/20

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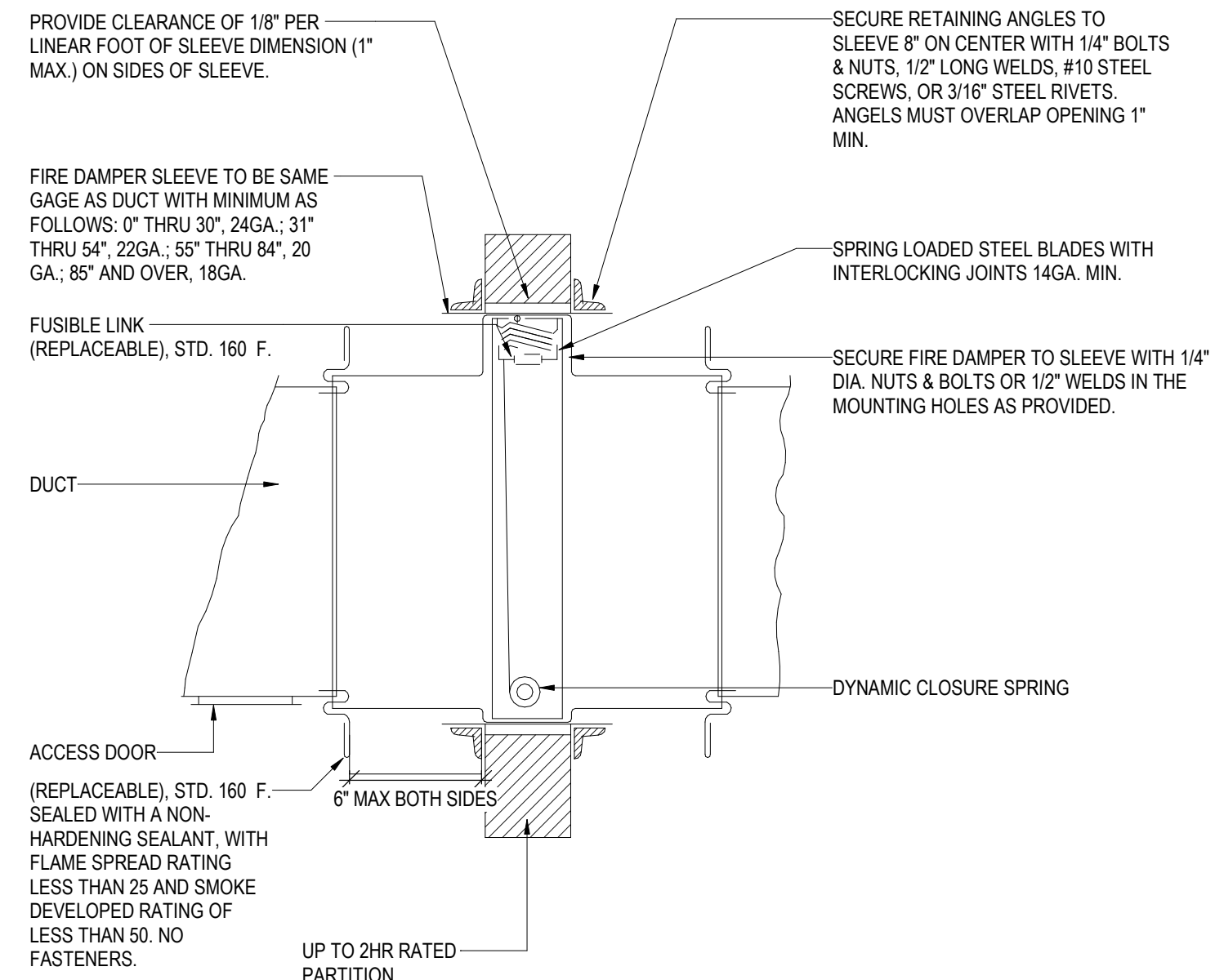
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Sheet Size ARCH D



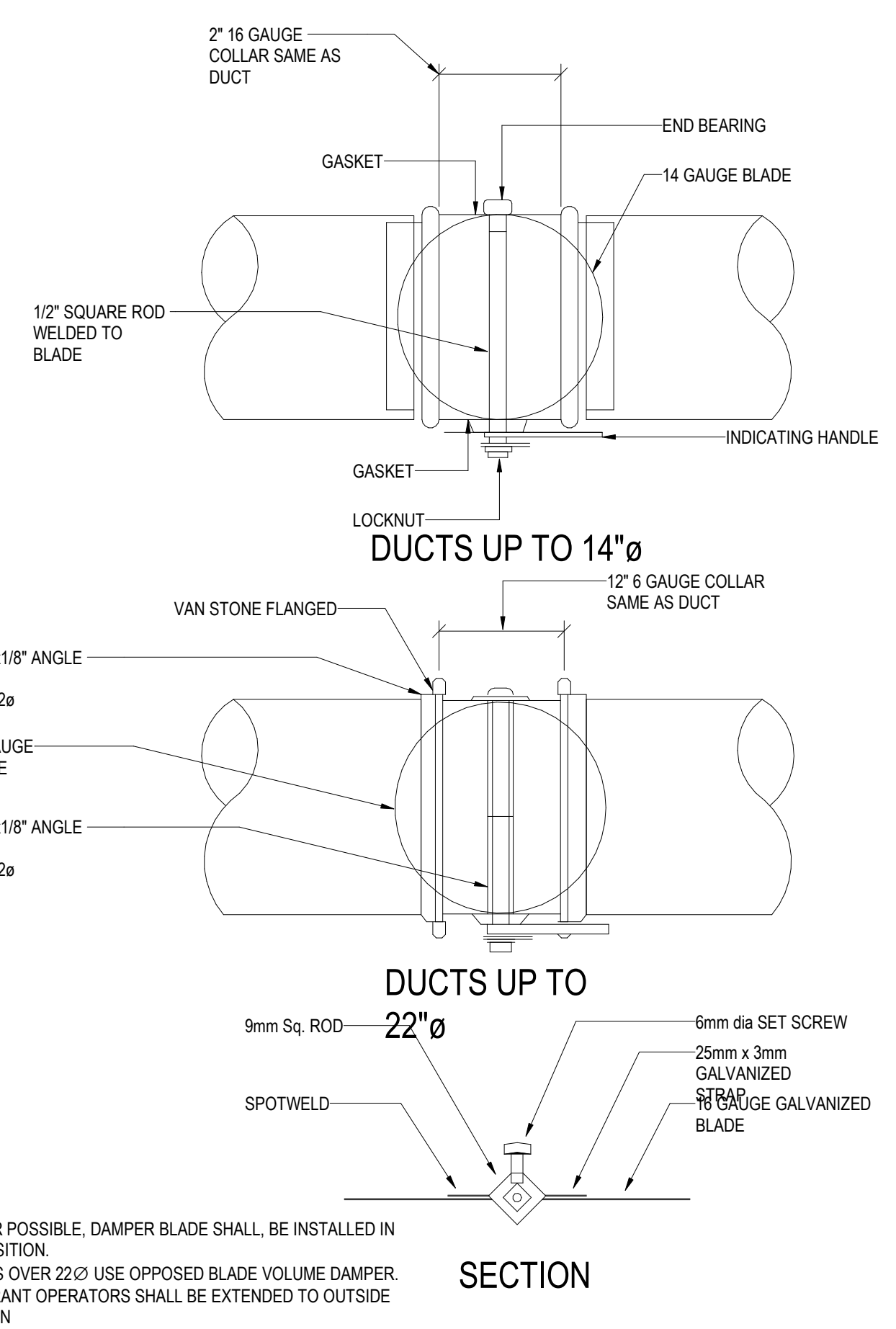
NOTE:
1. FLEX DUCT INSTALLED PER MANUFACTURERS LISTING.

1 LINEAR DIFFUSER CONNECTION
NOT TO SCALE



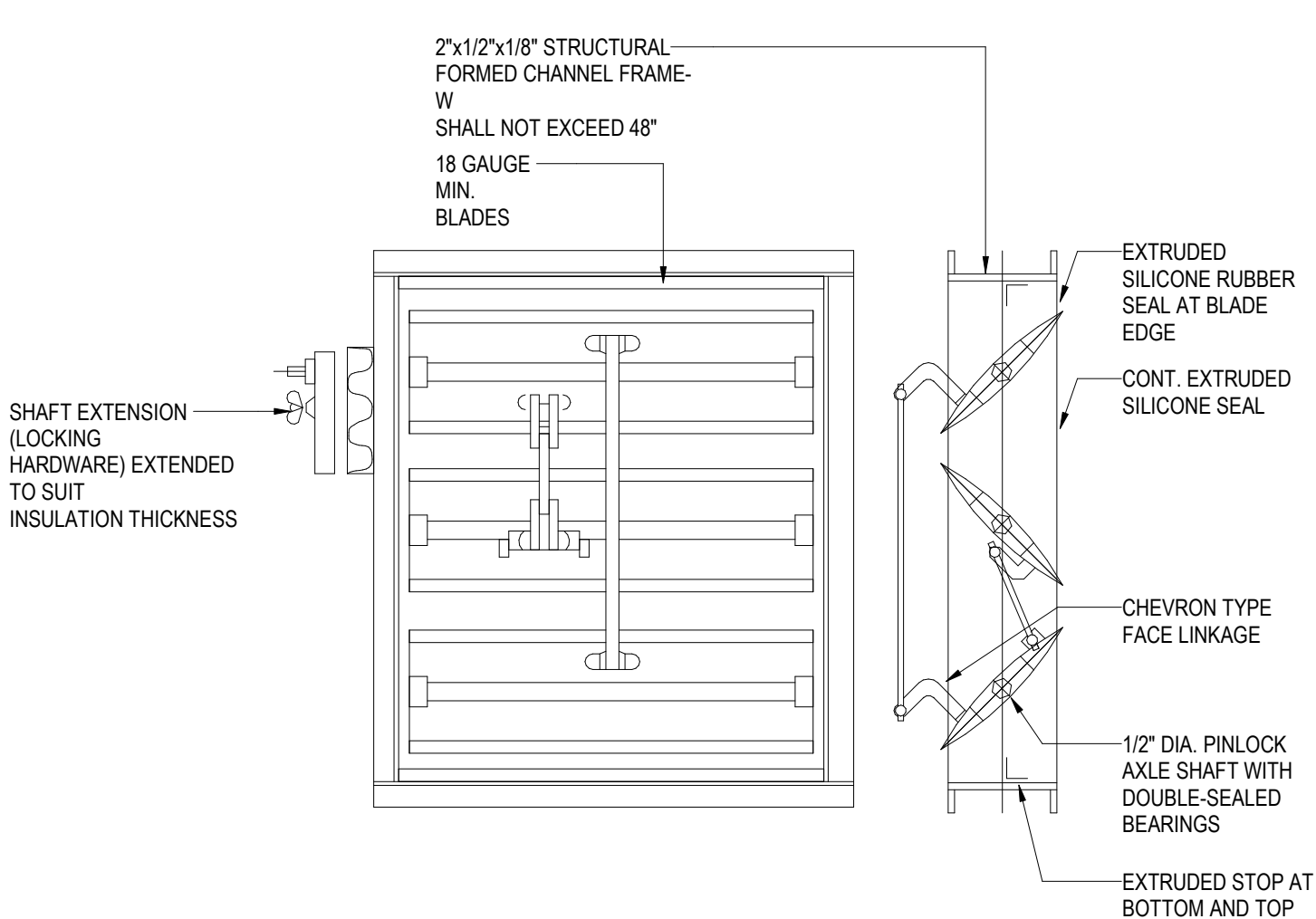
UP TO 2HR RATED PARTITION

2 DYNAMIC FIRE DAMPER
NOT TO SCALE



NOTES:
1. WHEREVER POSSIBLE, DAMPER BLADE SHALL BE INSTALLED IN VERTICAL POSITION.
2. FOR DUCTS OVER 22\"/>

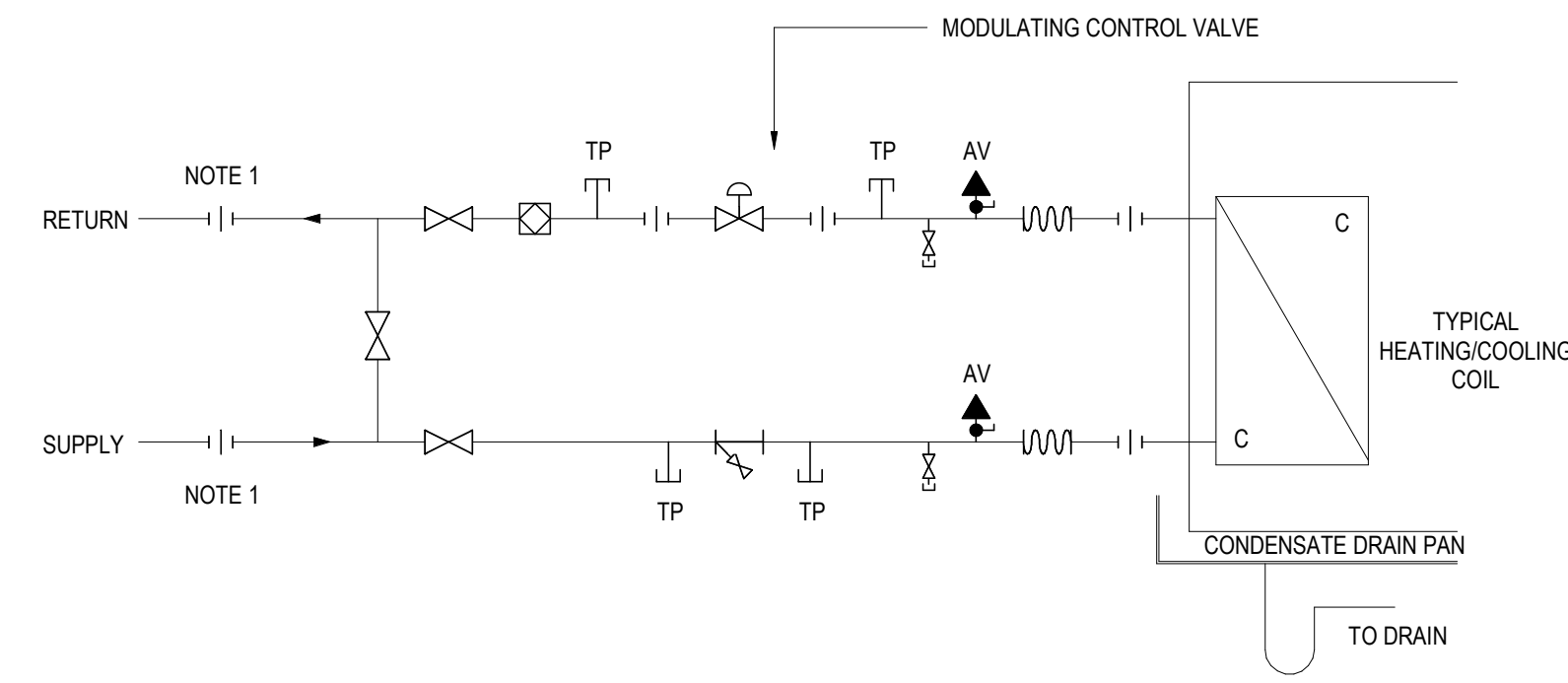
3 ROUND VOLUME DAMPER
NOT TO SCALE



OPPOSED BLADE ACTION DAMPER

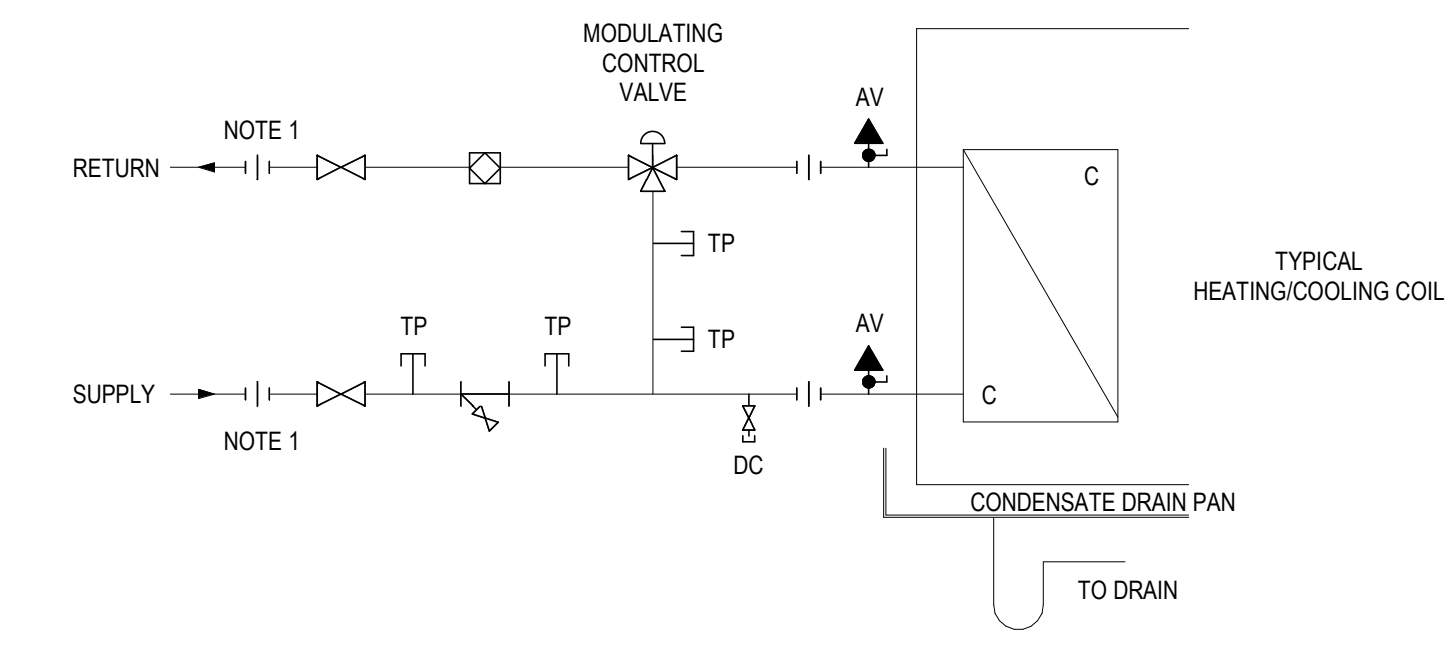
NOTES:
1. ALL BRANCH DUCTS SHALL HAVE VOLUME DAMPERS.

4 OPPOSED BLADE ACTION DAMPER
NOT TO SCALE



NOTE:
1. ELECTROLYTICALLY ISOLATED COUPLING
ADDITIONALLY:
ALL VALVES AND FITTINGS SHALL BE LINE SIZE

5 FCU AND VAV HEATING OR COOLING 2 WAY VALVE
NOT TO SCALE



NOTE:
1. ELECTROLYTICALLY ISOLATED COUPLING
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6 FCU AND VAV HEATING OR COOLING 3 WAY VALVE
NOT TO SCALE

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Key Plan

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100% Design Development	05/29/20
50% Construction Documents	11/06/20

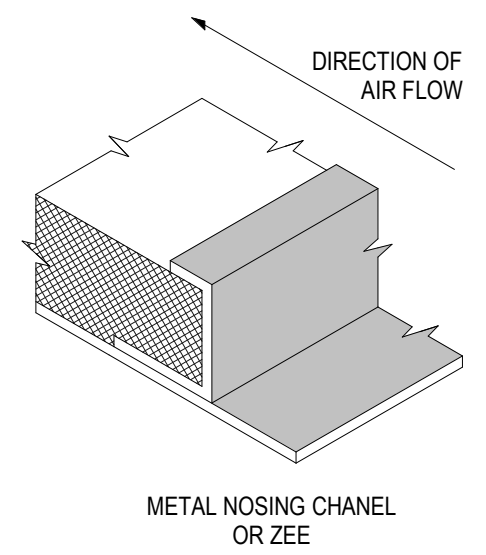
Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Mechanical Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	M-A-502
Sheet Size	ARCH D

METAL NOSINGS TO BE USED ON ALL LEADING EDGE. NOSINGS TO BE MACHINE FORMED CHANNEL OR ZEE TYPE, FASTENED TO DUCT BY SCREWS, RIVETS, OR WELDS.

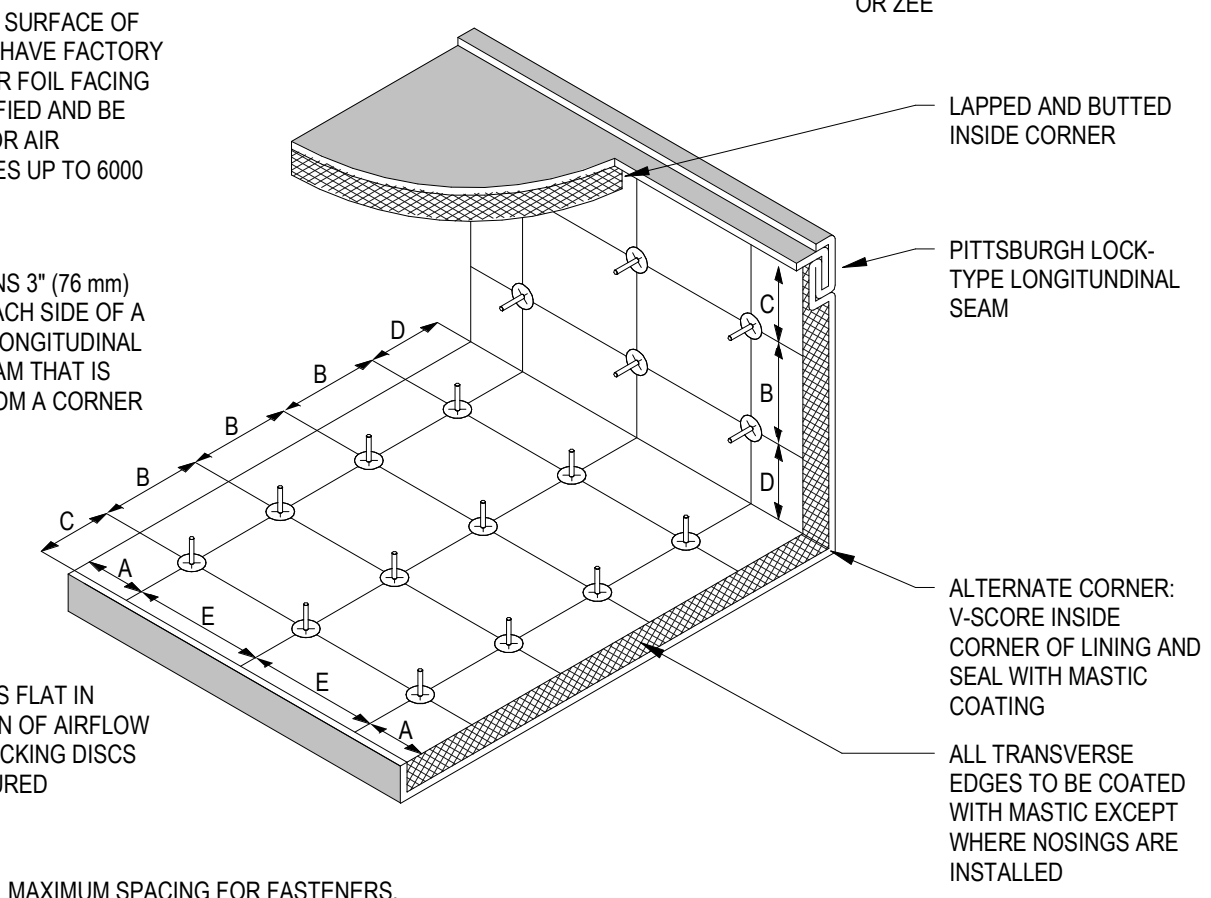


ACOUSTIC LINER TO BE OF THICKNESS AND DENSITY INDICATED ON PLANS OR AS SPECIFIED.

EXPOSED SURFACE OF LINER TO HAVE FACTORY FABRIC OR FOIL FACING AS SPECIFIED AND BE RATED FOR AIR VELOCITIES UP TO 6000 FPM.

PLACE PINS 3" (76 mm) ALONG EACH SIDE OF A BUTTED LONGITUDINAL LINER SEAM THAT IS AWAY FROM A CORNER

BEND PINS FLAT IN DIRECTION OF AIRFLOW AFTER LOCKING DISCS ARE SECURED



MAXIMUM SPACING FOR FASTENERS. ACTUAL INTERVALS ARE APPROXIMATE.

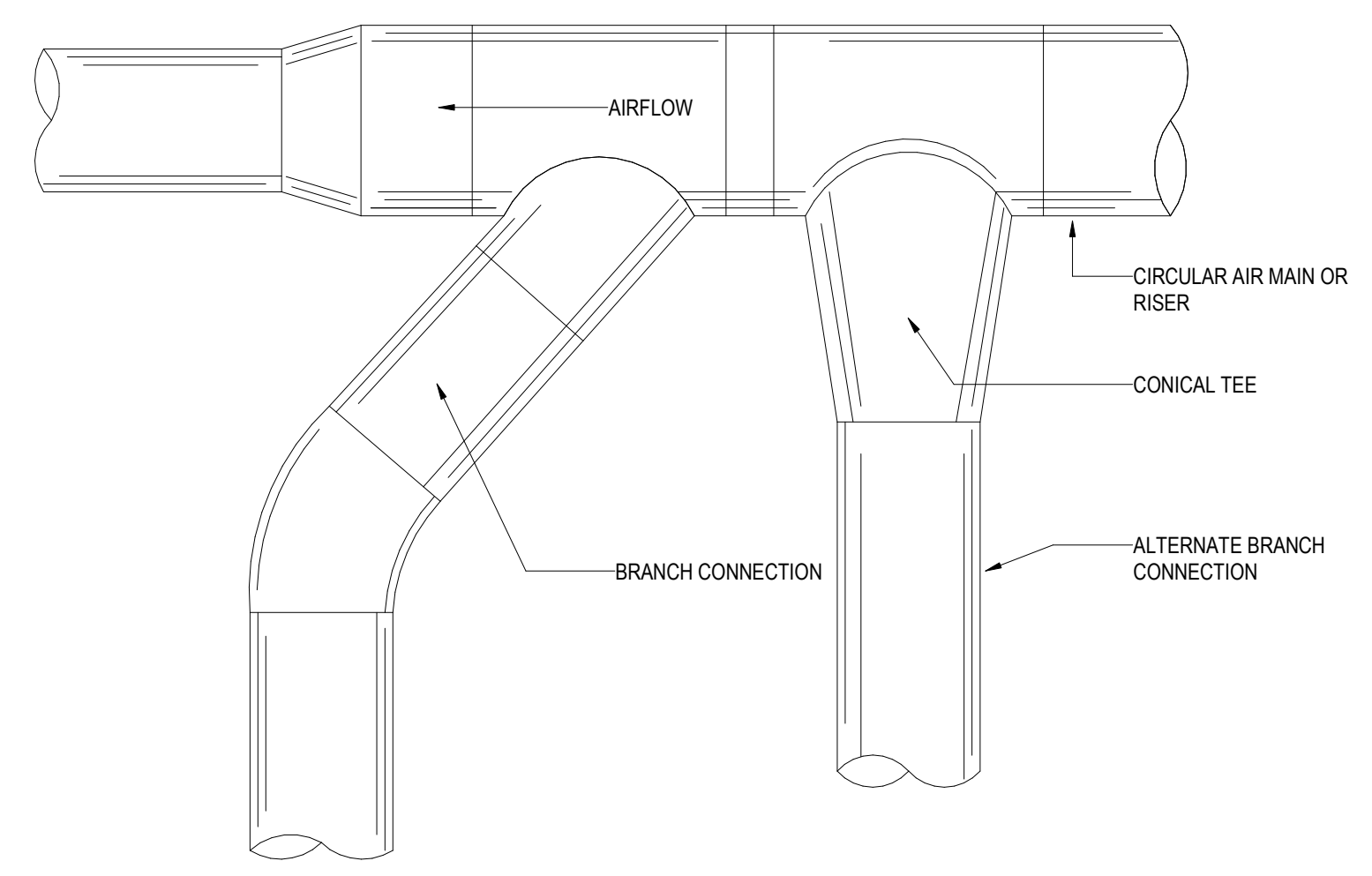
VELOCITY	DIMENSIONS				
	A	B	C	D	E
0-2500 FPM (0-12.7 MPS)	3"	12"	4"	6"	18"
(76.2)	(305)	(102)	(152)	(457)	
2501-6000 FPM (12.7-30.5 MPS)	3"	6"	4"	6"	16"
(76.2)	(152)	(102)	(152)	(406)	

REFERENCE SMACNA FIG. 2-19, AS MODIFIED

LINER TO BE ADHERED TO THE DUCT WITH 90% MIN. AREA COVERAGE OF ADHESIVE, AND BE FASTENED WITH MECHANICAL WELD PINS. DO NOT USE ADHESIVE BASE PINS.

ALL DIMENSIONS SHOWN ON PLANS ARE INSIDE CLEAR

U.O.N. EXTERNAL THERMAL INSULATION MAY BE OMITTED WHERE DUCTS ARE INTERNALLY LINED

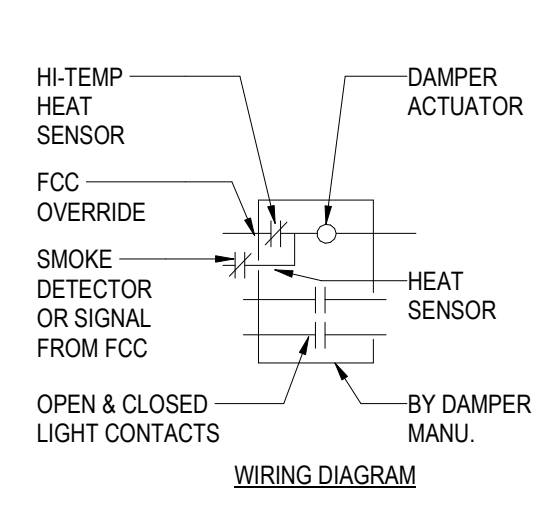
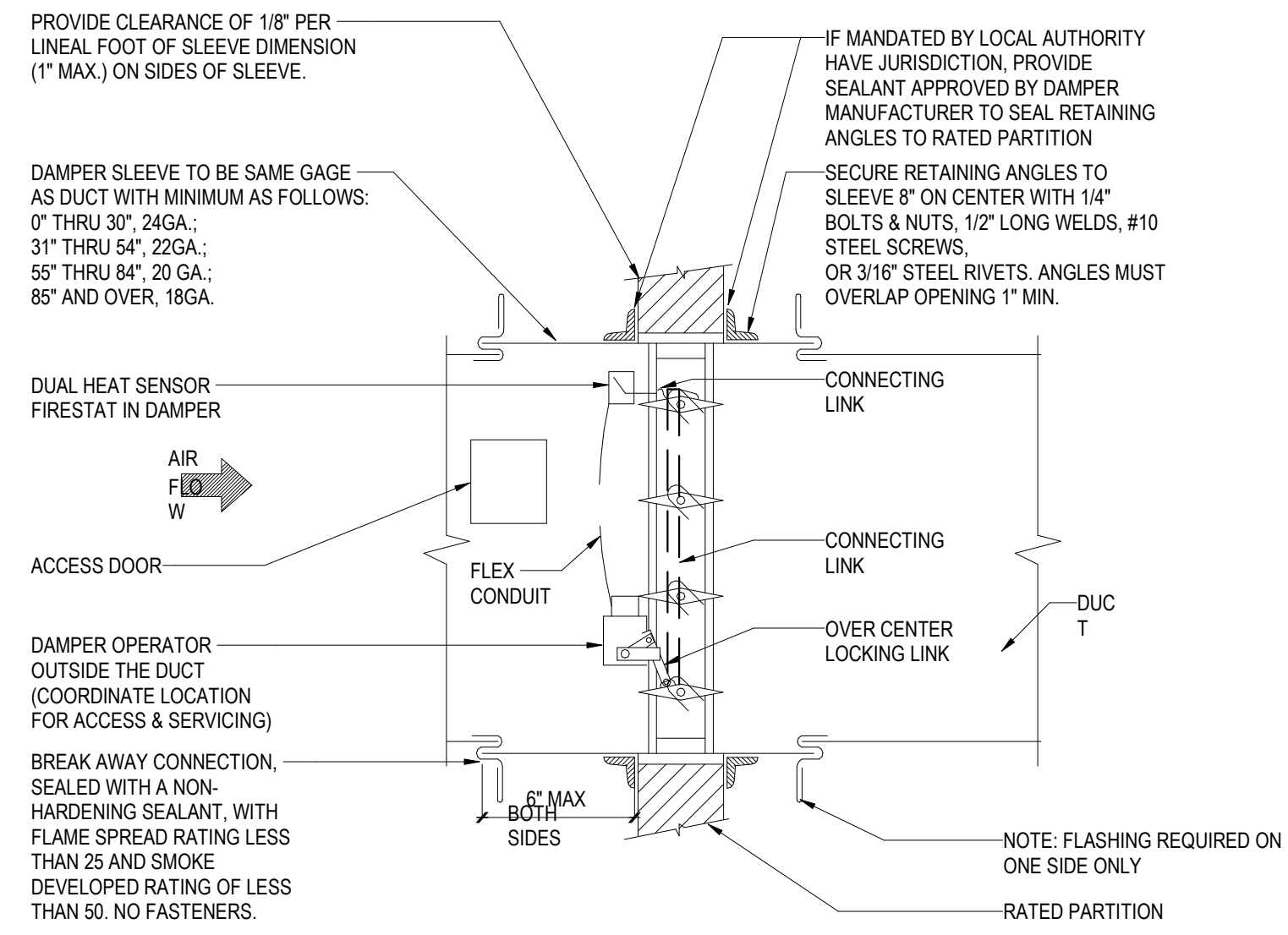


2 DUCTWORK ACOUSTIC LINING

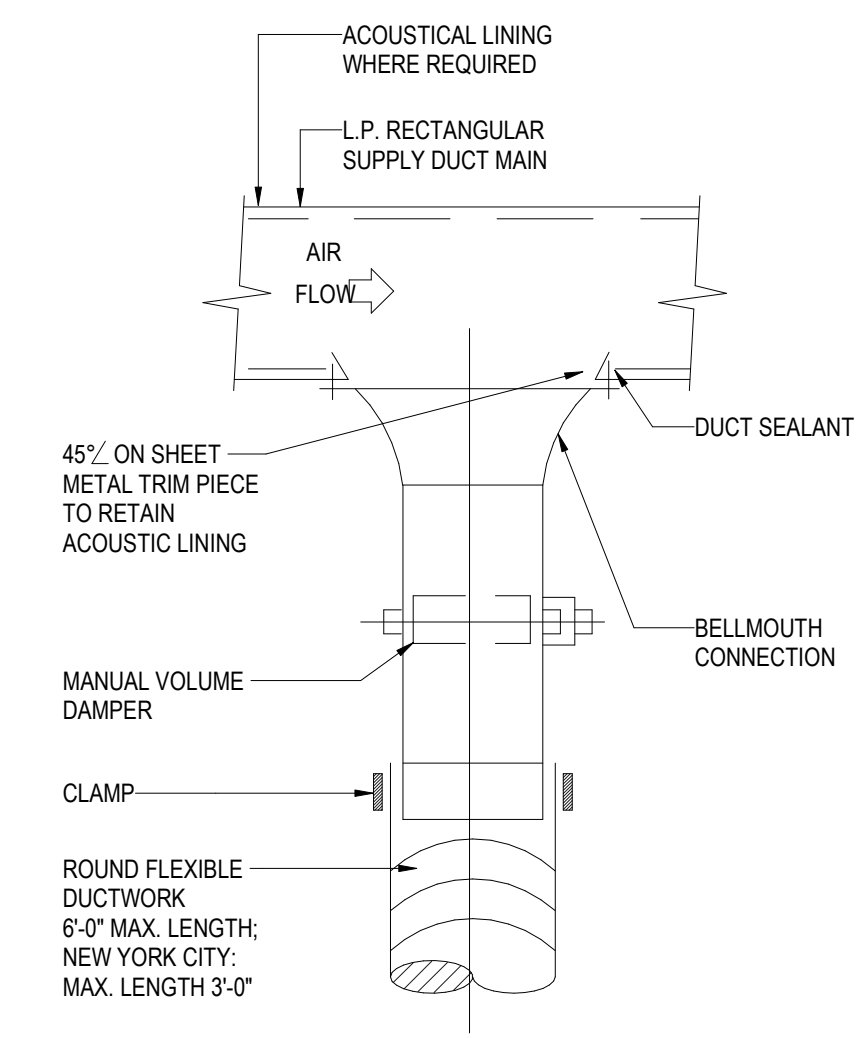
NOT TO SCALE

3 CIRCULAR DUCT CONNECTIONS

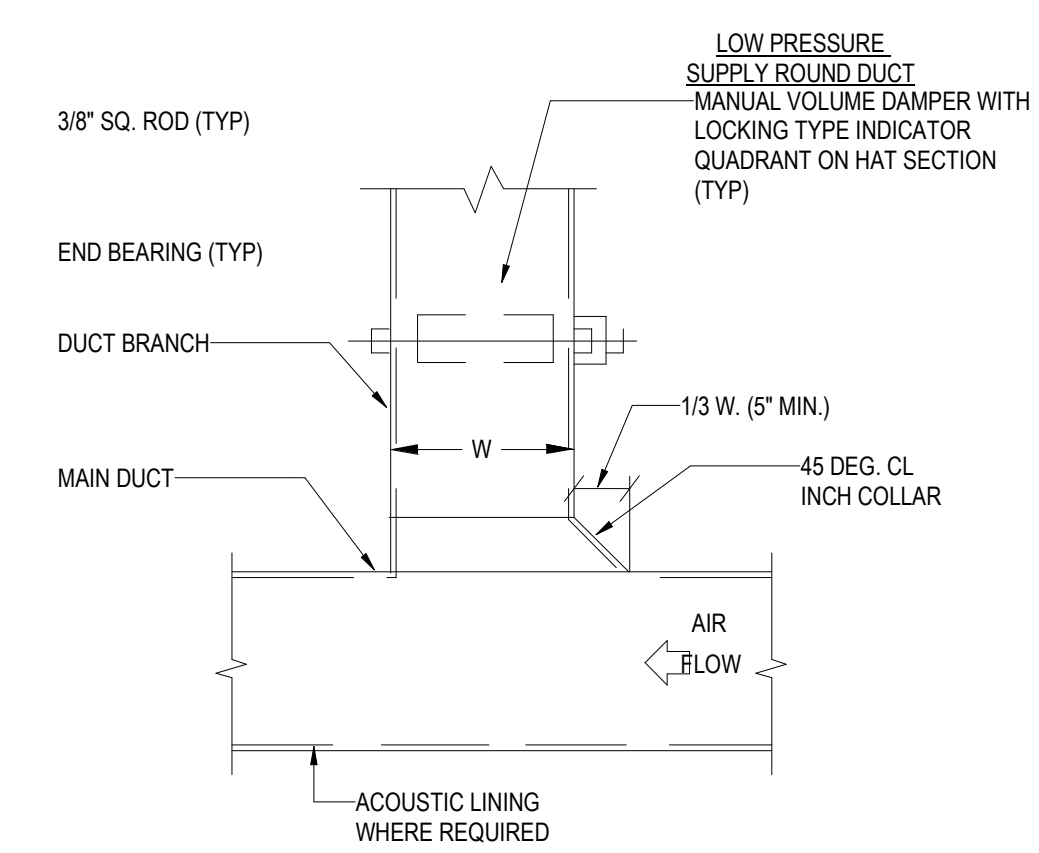
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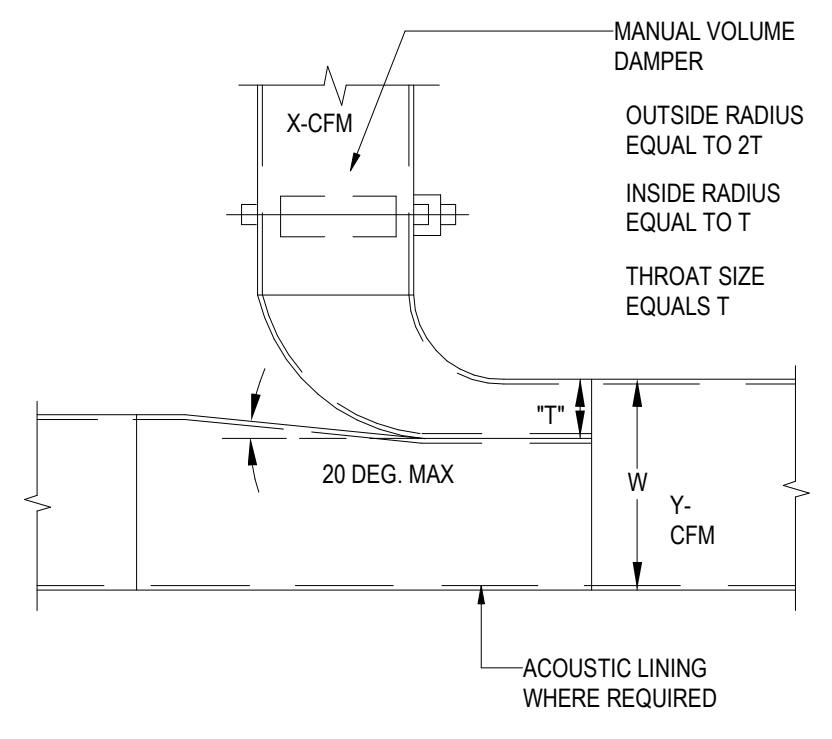
- NOTES:
- DAMPER TO BE U.L. LABELED N.F.P.A. 90A APPROVED.
 - N.F.P.A. APPROVED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF COMBINATION FIRE & SMOKE DAMPER FOR APPROVAL, WHICH SHALL MEET N.F.P.A. STANDARD 90A.
 - DETAILS SHOWN ARE FOR COMBINATION FIRE SMOKE DAMPERS IN HORIZONTAL DUCTWORK. FOR DAMPERS IN VERTICAL DUCTWORK, DETAIL IS SIMILAR.
 - INSTALL DAMPER IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
 - ACTUATOR TO HAVE AN ADDRESSABLE DAMPER POSITION INDICATOR.



NOTE:
FLEXIBLE DUCT CONNECTIONS ARE ONLY PERMITTED IN AREAS WITH PNC-35 OR GREATER.



NOTE:
FURNISH THIS TYPE CONNECTION WHEN SINGLE-LINE DUCTWORK IS INDICATED AS THIS FOR L-BRANCHES WITH LESS THAN 25% OF THE TOTAL AIR FLOW.



NOTES:
1. FURNISH THIS TYPE CONNECTION WHEN SINGLE-LINE DUCTWORK IS INDICATED AS THIS FOR BRANCHES WITH LESS THAN 25% OF THE TOTAL AIR FLOW.
2. THIS TYPE OF CONNECTION MUST BE USED WHEN W 36 IN.
3. T=X(BRANCH DUCT)x W
Y (TOTAL CFM)

5 LOW PRESSURE SUPPLY CONNECTION DETAILS

NOT TO SCALE

4 COMBINATION FIRE AND SMOKE DAMPER

NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

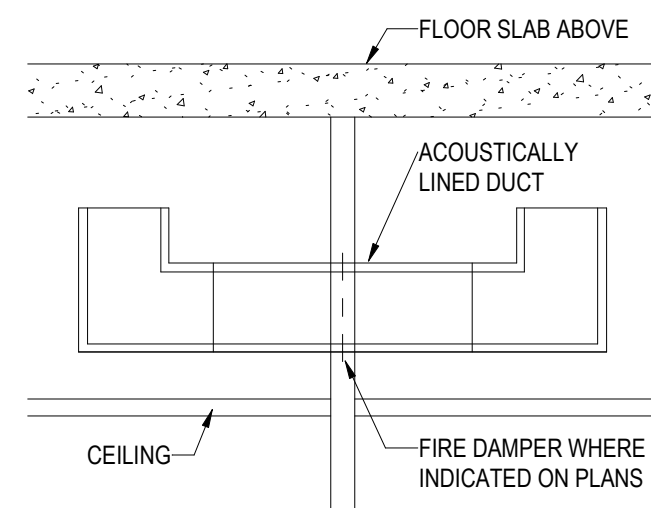
Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Mechanical Details

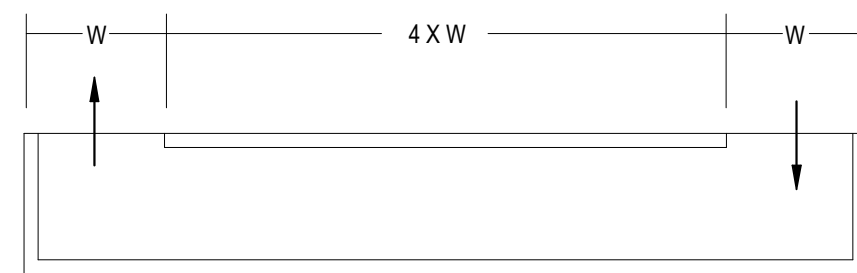
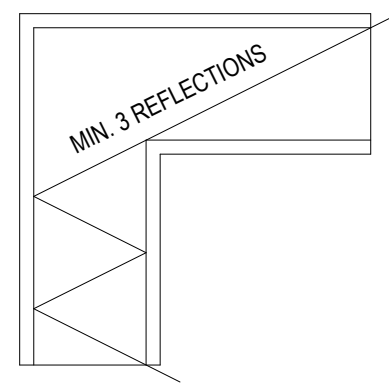
Date	11/06/20
Scale	Not to Scale
Drawing Number	M-A-503
Sheet Size	ARCH D



- NOTES:**
- REFER TO DRAWINGS AND SPECIFICATIONS FOR ACOUSTICAL INSULATION THICKNESS AND DENSITY.
 - PROVIDE TRANSFER DUCT WHERE INDICATED ON PLANS.
 - REFER TO SCHEDULE BELOW FOR TRANSFER DUCT SIZE.
 - FOR AIR QUANTITIES IN EXCESS OF 2000 CFM USE MULTIPLE TRANSFER DUCTS
 - TRANSFER DUCT SIZES ARE INSIDE CLEAR

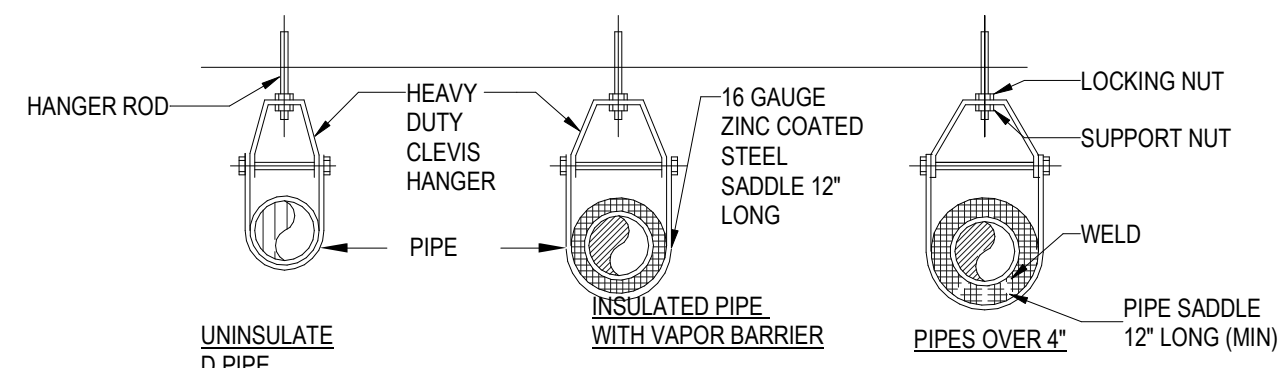
6. EQUIVALENT DUCT SIZES ALLOWED

TRANSFER AIR QUANTITY (CFM)	TRANSFER AIR DUCT SIZE (W x H)
0-500	18 x 10
501-1000	20 x 18
1001-1500	30 x 20
1501-2000	30 x 24



1 ACOUSTIC AIR TRANSFER DUCT

NOT TO SCALE



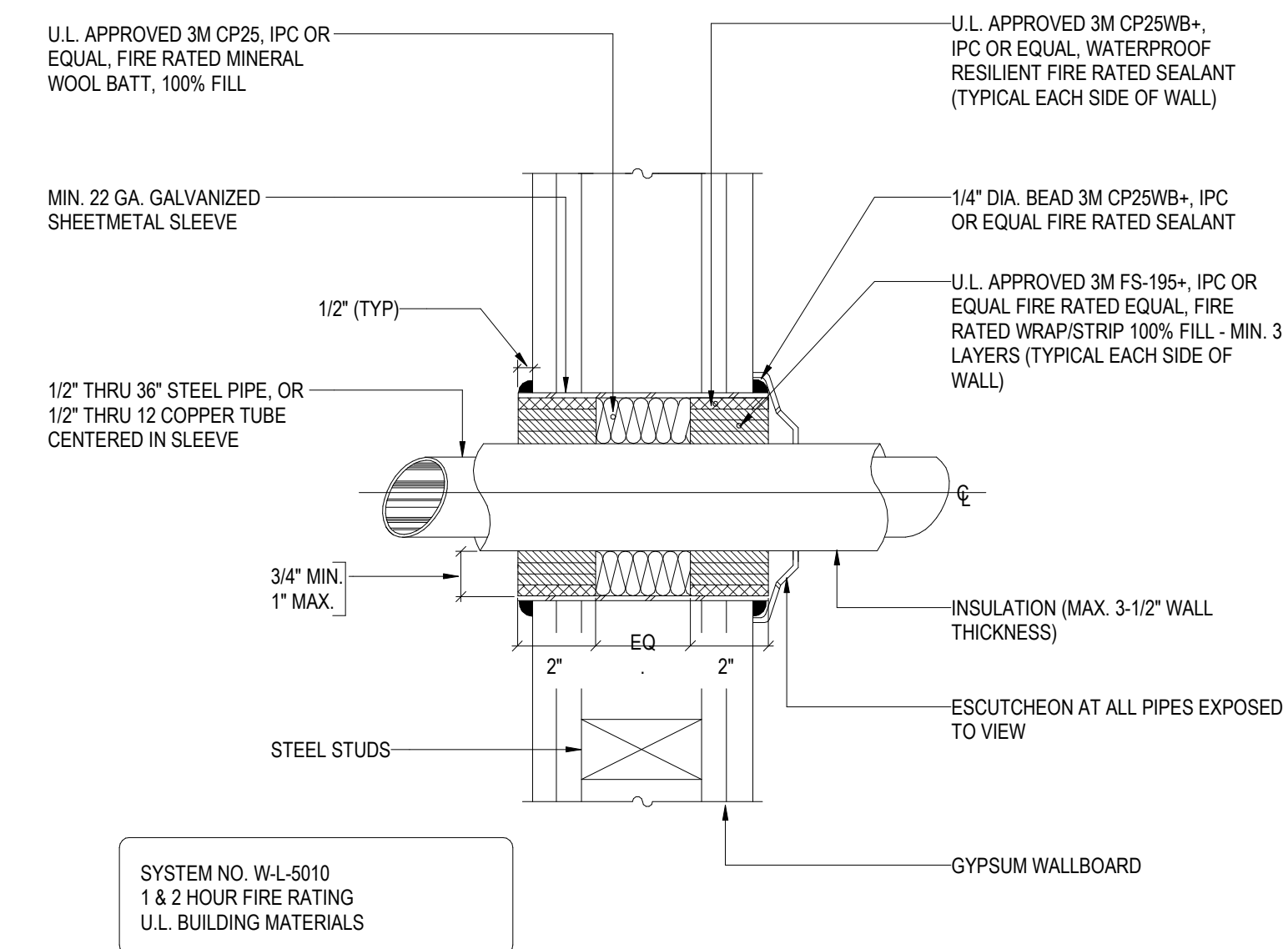
INDIVIDUAL PIPE HANGER ROD & SPACING SCHEDULE

NOMINAL PIPE OR TUBE SIZE- INCHES	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8	--
HANGER ROD SIZE-INCHES	3/8	3/8	3/8	3/8	1/2	1/2	5/8	5/8	7/8	7/8	--
MAXIMUM SPACING BETWEEN PIPE SUPPORT- FEET	6	7	9	10	11	12	14	16	17	19	--
MAXIMUM SPACING BETWEEN CU. TUBE SUPPORT- FEET	6	6	8	9	10	10	12	14	14	16	--

NOTES: TRAPEZE SPACING SHALL BE BASED ON SPACING OF SMALLEST PIPE ON TRAPEZE. TRAPEZE SHALL BE DESIGNED WITH A FACTOR OF SAFETY 5 FOR CENTER OF SPAN CONCENTRATED LOAD. METHOD OF HANGING, TYPE OF INSERT, BEAM CLAMP, ROD, ETC. MUST BE APPROVED BY STRUCTURAL ENGINEER PER SHOP DRAWINGS.

4 TYPICAL CLEVIS HANGER SUPPORTS

NOT TO SCALE



6 INSULATED PIPE THROUGH FIRE RATED GYPSUM WALLS

NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

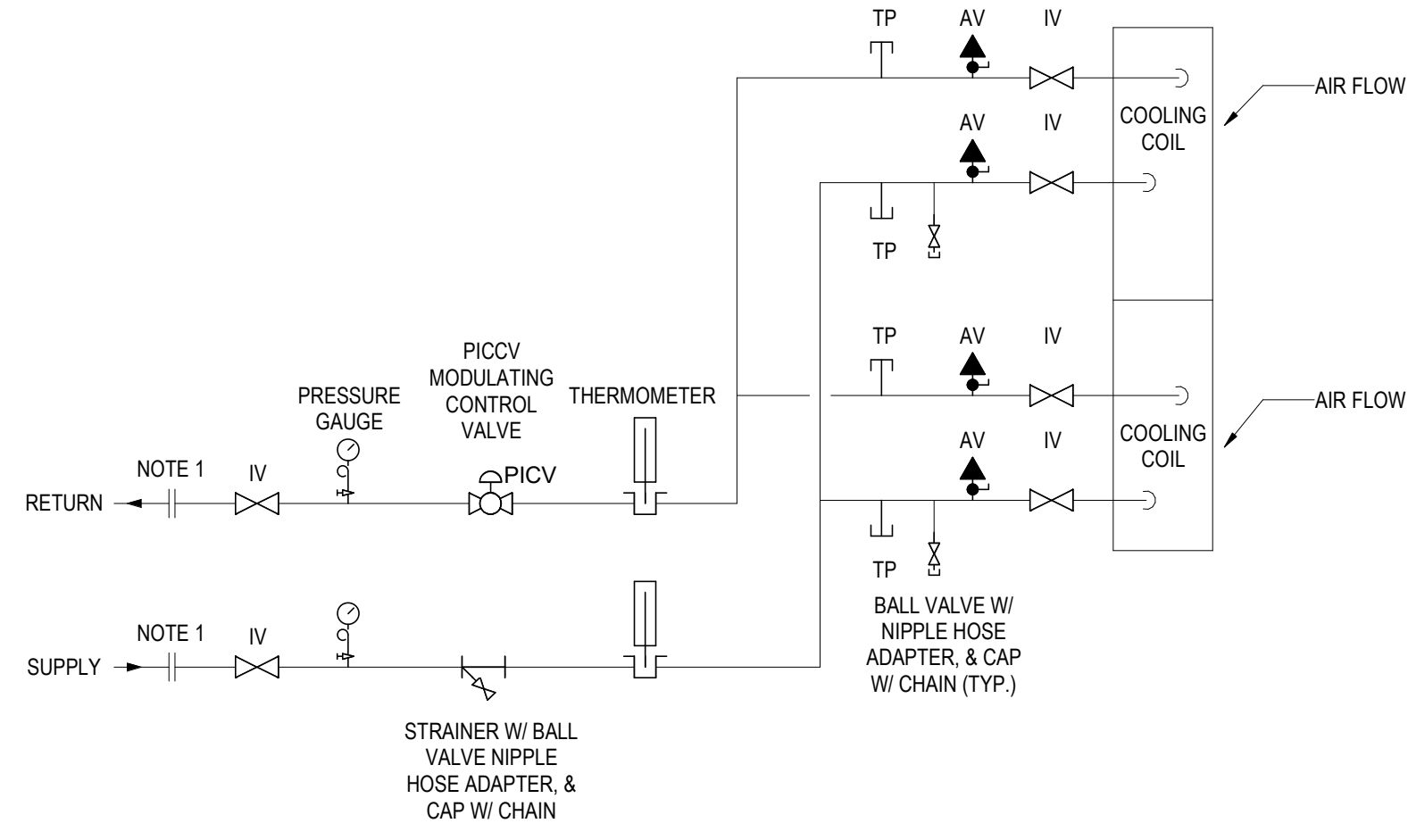
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Mechanical Details

Date 11/06/20

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Drawing Number **M-A-504**

Sheet Size ARCH D

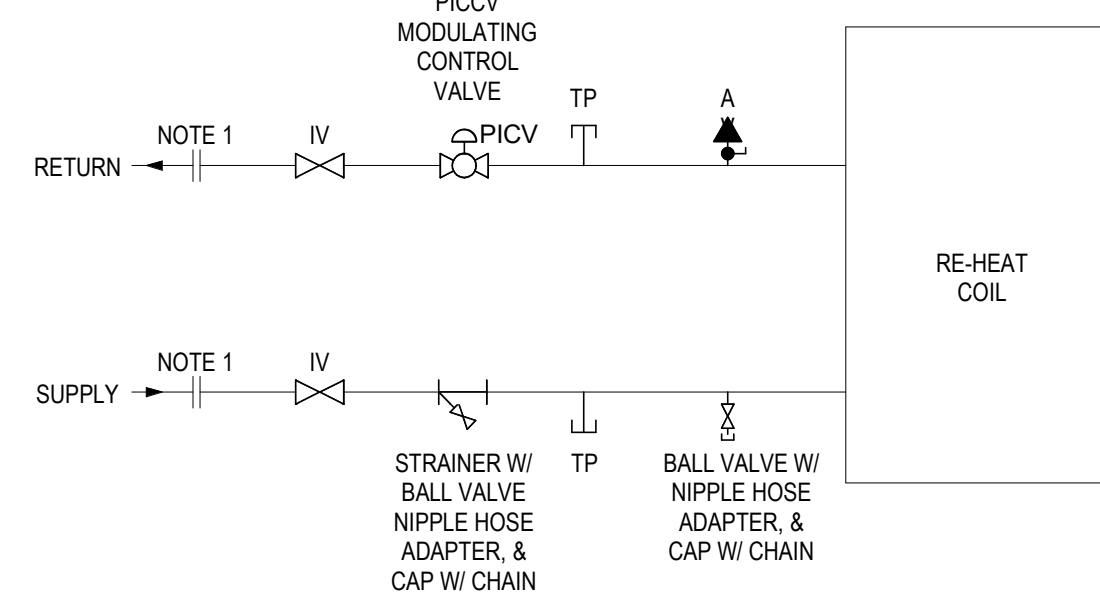


NOTES:

1. ELECTROLYTICALLY ISOLATED COUPLING. (ONLY REQUIRED WHERE THERE IS A CHANGE IN PIPING MATERIAL.)
2. ALL VALVES AND FITTINGS SHALL BE LINE SIZE
3. MODULATING CONTROL VALVE TO BE SELECTED BY CONTROLS CONTRACTOR TO PROVIDE APPROPRIATE CONTROL VALVE AUTHORITY.
4. PROVIDE EXTENSIONS FOR ALL PIPING ACCESSORIES IN ORDER TO PERTRUDE BEYOND AND AVOID DAMAGE TO PIPE INSULATION.
5. PROVIDE APPROPRIATELY FITTED REMOVABLE INSULATION COVERS AT ALL PIPING ACCESSORY LOCATIONS REQUIRING FUTURE ACCESS.
6. CONNECT HHWS DOWN STREAM OF COIL IN RELATION TO AIR FLOW.

1 COOLING COILS (AHU)

NOT TO SCALE

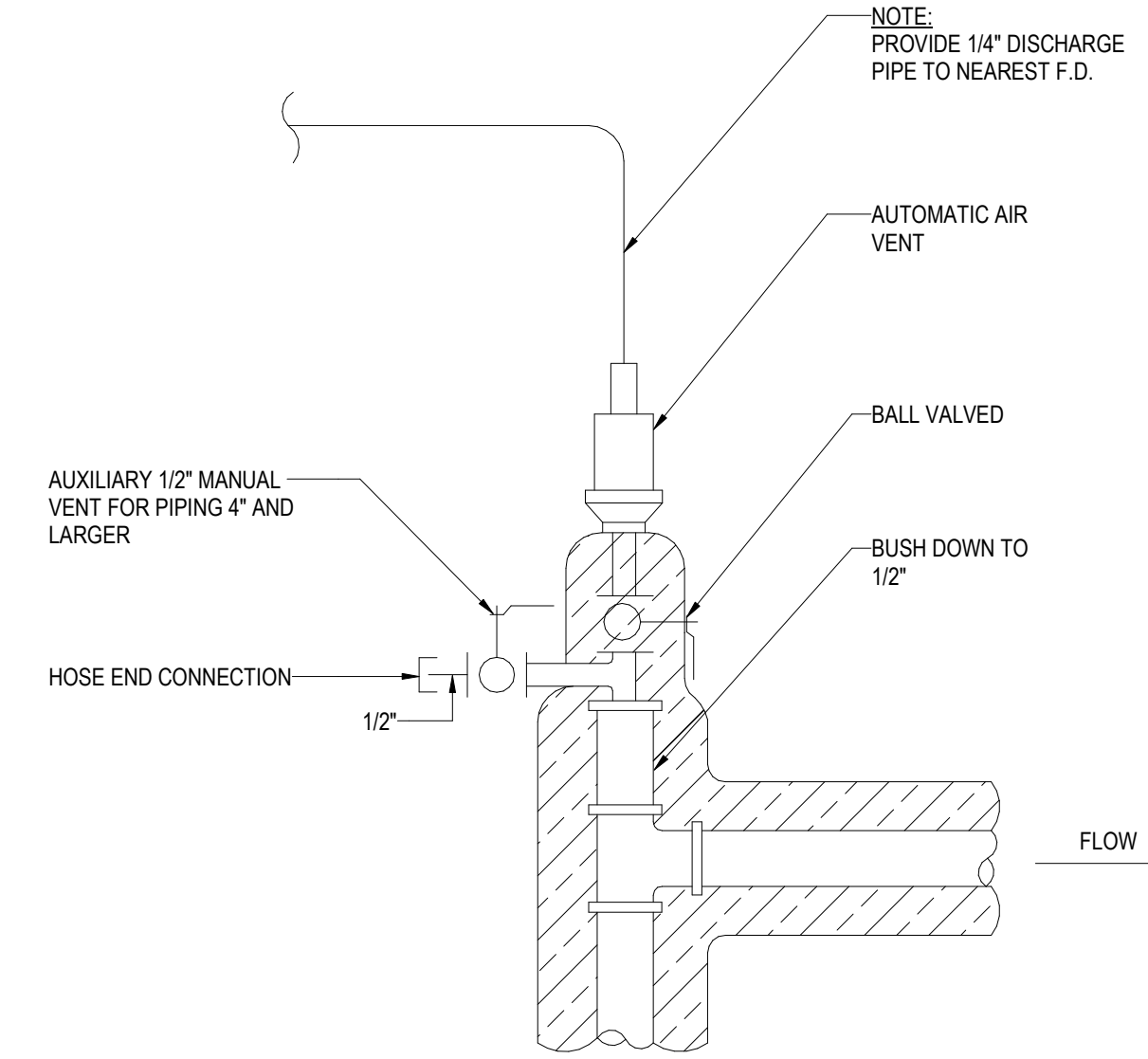


NOTES:

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3. MODULATING CONTROL VALVE TO BE SELECTED BY CONTROLS CONTRACTOR TO PROVIDE APPROPRIATE CONTROL VALVE AUTHORITY.
4. PROVIDE EXTENSIONS FOR ALL PIPING ACCESSORIES IN ORDER TO PERTRUDE BEYOND AND AVOID DAMAGE TO PIPE INSULATION.
5. PROVIDE APPROPRIATELY FITTED REMOVABLE INSULATION COVERS AT ALL PIPING ACCESSORY LOCATIONS REQUIRING FUTURE ACCESS.
6. CONNECT HHWS DOWN STREAM OF COIL IN RELATION TO AIR FLOW.

2 RE-HEAT COIL & AHU HEATING COILS

NOT TO SCALE

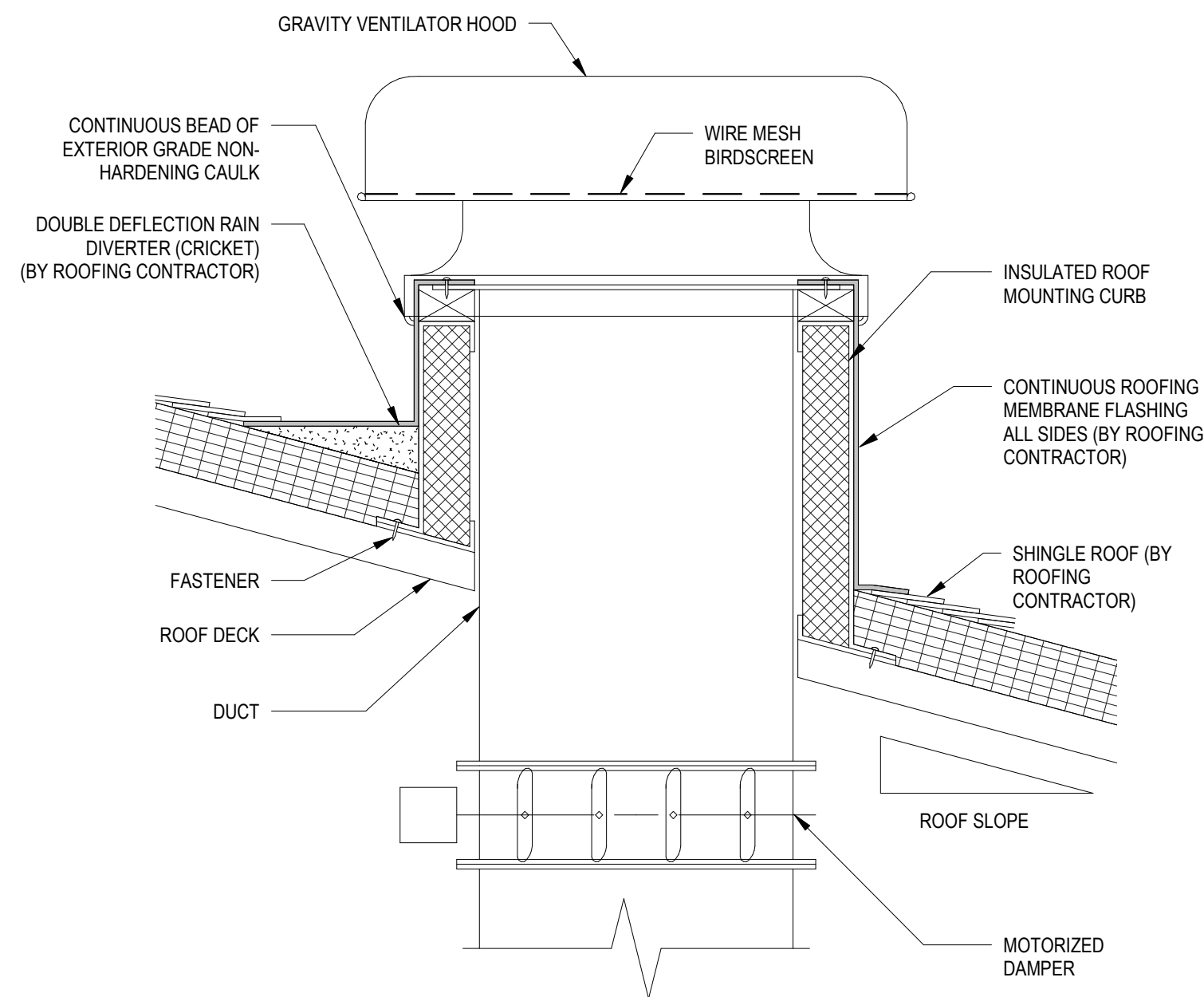


NOTES:

1. DETAIL TO BE USED AT ALL AUTOMATIC AIR VENT LOCATIONS, INCLUDING AT THE TOP OF ALL PIPE RISERS CONNECTING TWO OR MORE FLOORS.
2. AAV TO BE INSTALLED AT ALL PIPING HIGH POINTS.

3 AUTOMATIC AIR VENT DETAIL

NOT TO SCALE



5 GRAVITY VENTILATOR AND ROOF CURB (SLOPED ROOFS)

NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

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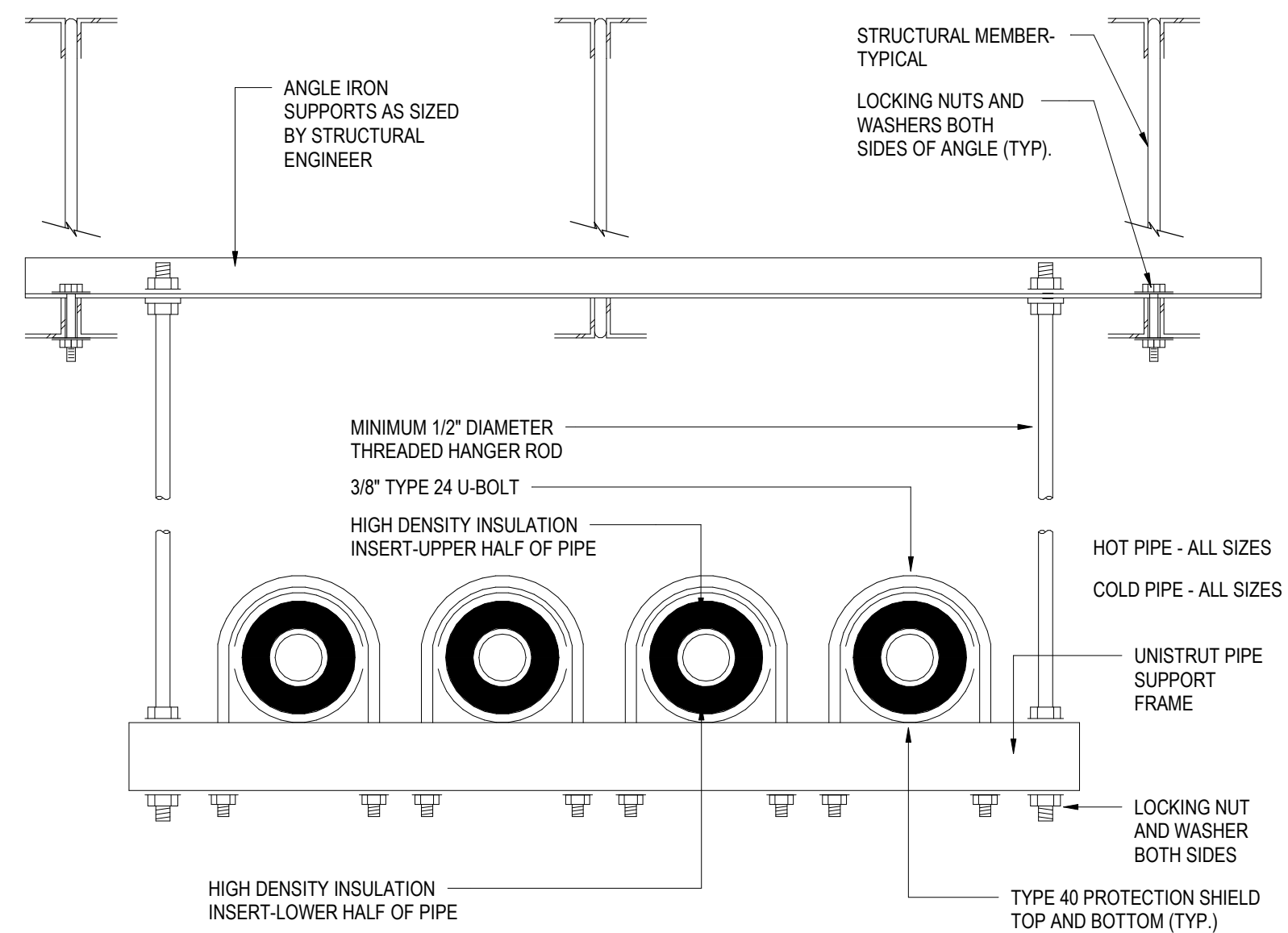
Drawing Title
Mechanical Details

Date 11/06/20

Scale Not to Scale

Drawing Number **M-A-505**

Sheet Size ARCH D

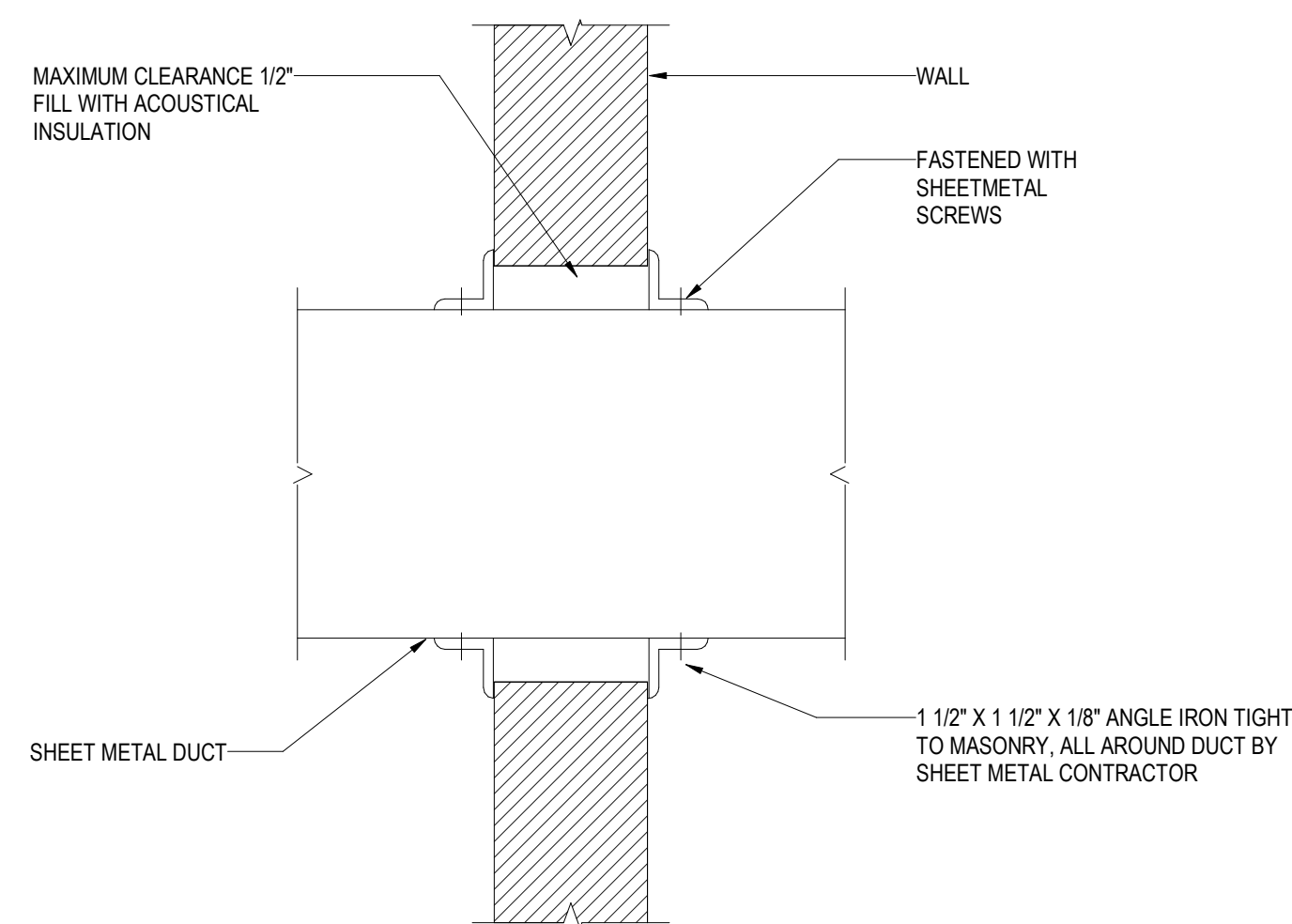


INDIVIDUAL PIPE HANGER ROD & SPACING SCHEDULE											
NOMINAL PIPE OR TUBE SIZE-INCHES	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8	--
HANGER ROD SIZE-INCHES	3/8	3/8	3/8	3/8	1/2	1/2	5/8	5/8	7/8	7/8	--
MAXIMUM SPACING BETWEEN INCHES	6	7	9	10	11	12	14	16	17	19	--
MAXIMUM SPACING BETWEEN CU. TUBE SUPPORT IN FEET	6	6	8	9	10	10	12	14	14	16	--

NOTES:
 TRAPEZE HANGER ROD SPACING SHALL BE BASED ON SPACING OF SMALLEST PIPE ON TRAPEZE. TRAPEZE SHALL BE DESIGNED WITH A FACTOR OF SAFETY OF 5 FOR CENTER OF SPAN CONCENTRATED LOAD. METHOD OF HANGING, TYPE OF INSERT, BEAM CLAMP, ROD, ETC. MUST BE APPROVED BY STRUCTURAL ENGINEER PER SHOP DRAWINGS

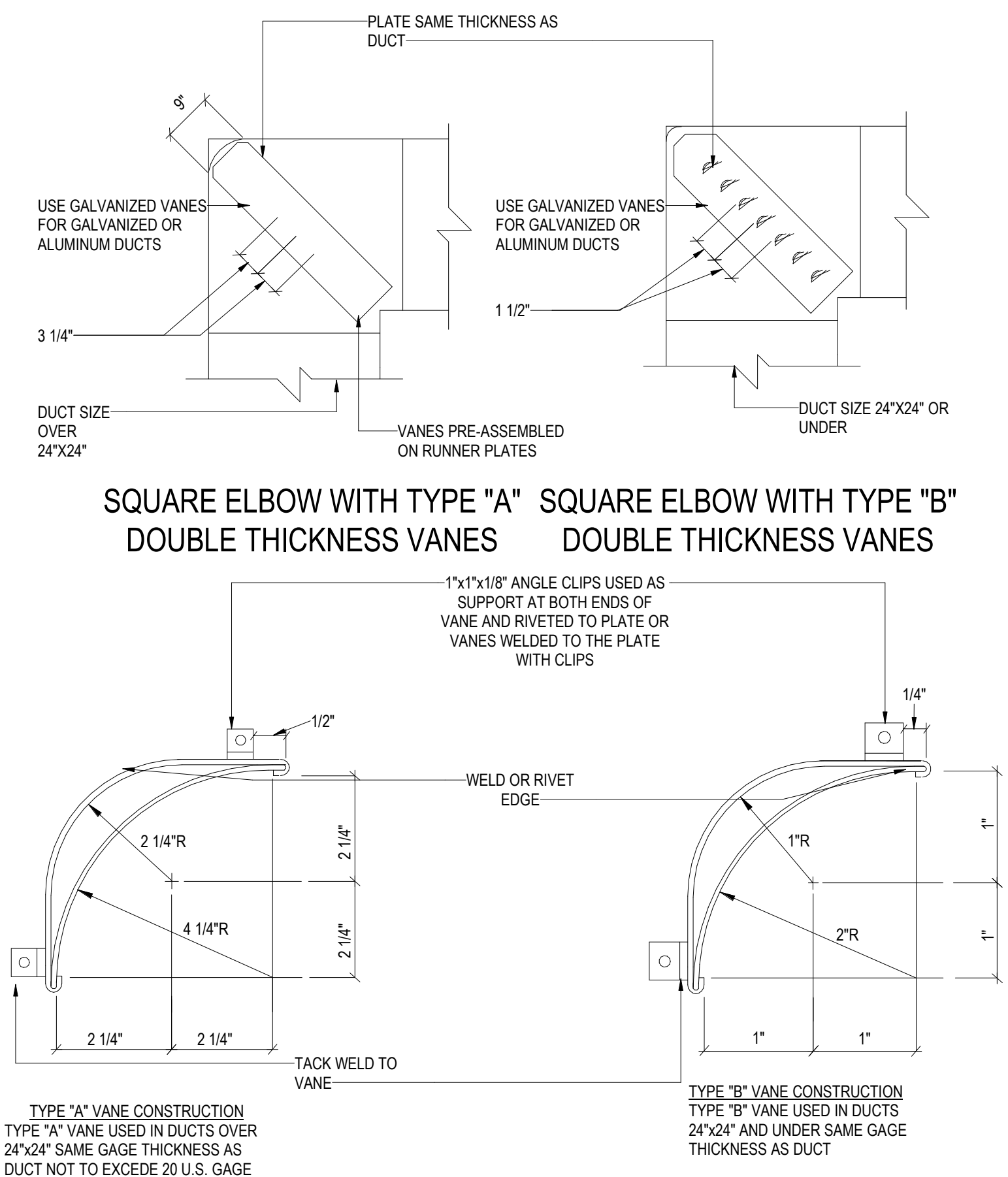
1 TRAPEZE PIPE HANGER (MULTIPLE PIPES)

SCALE 12" = 1'-0"



4 DUCT PENETRATING NON - RATED WALLS

SCALE 12" = 1'-0"



5 TURNING VANE CONSTRUCTION (RECTANGULAR)

SCALE 12" = 1'-0"

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Mechanical Details

Date 11/06/20

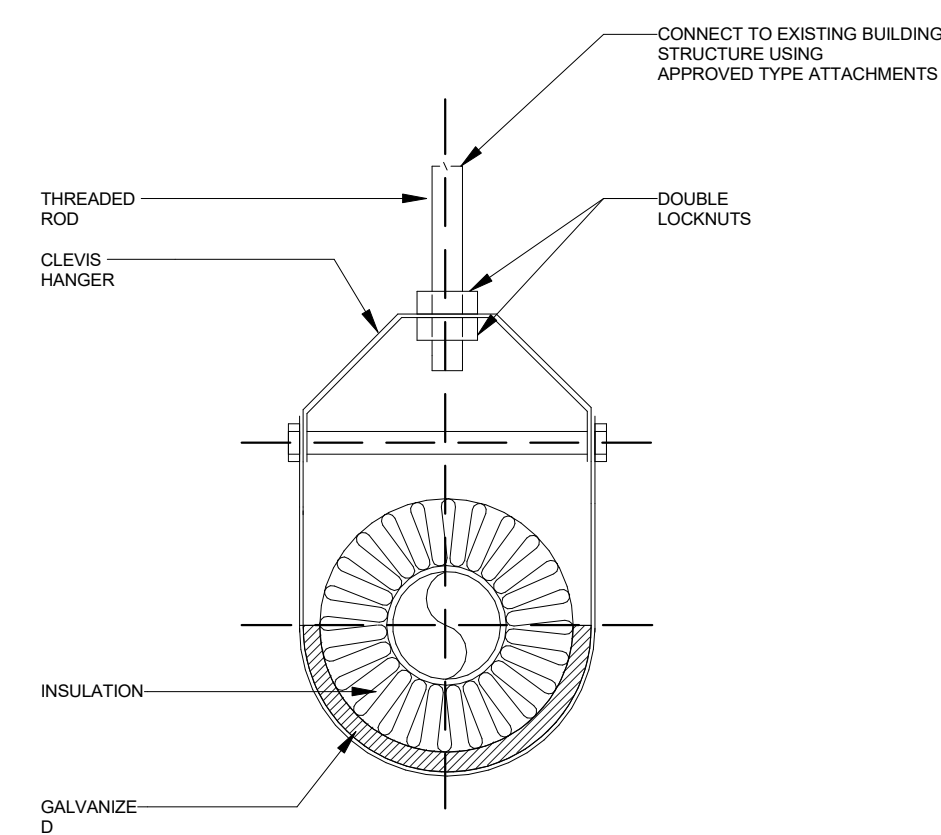
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Drawing Number **M-A-506**

Sheet Size ARCH D

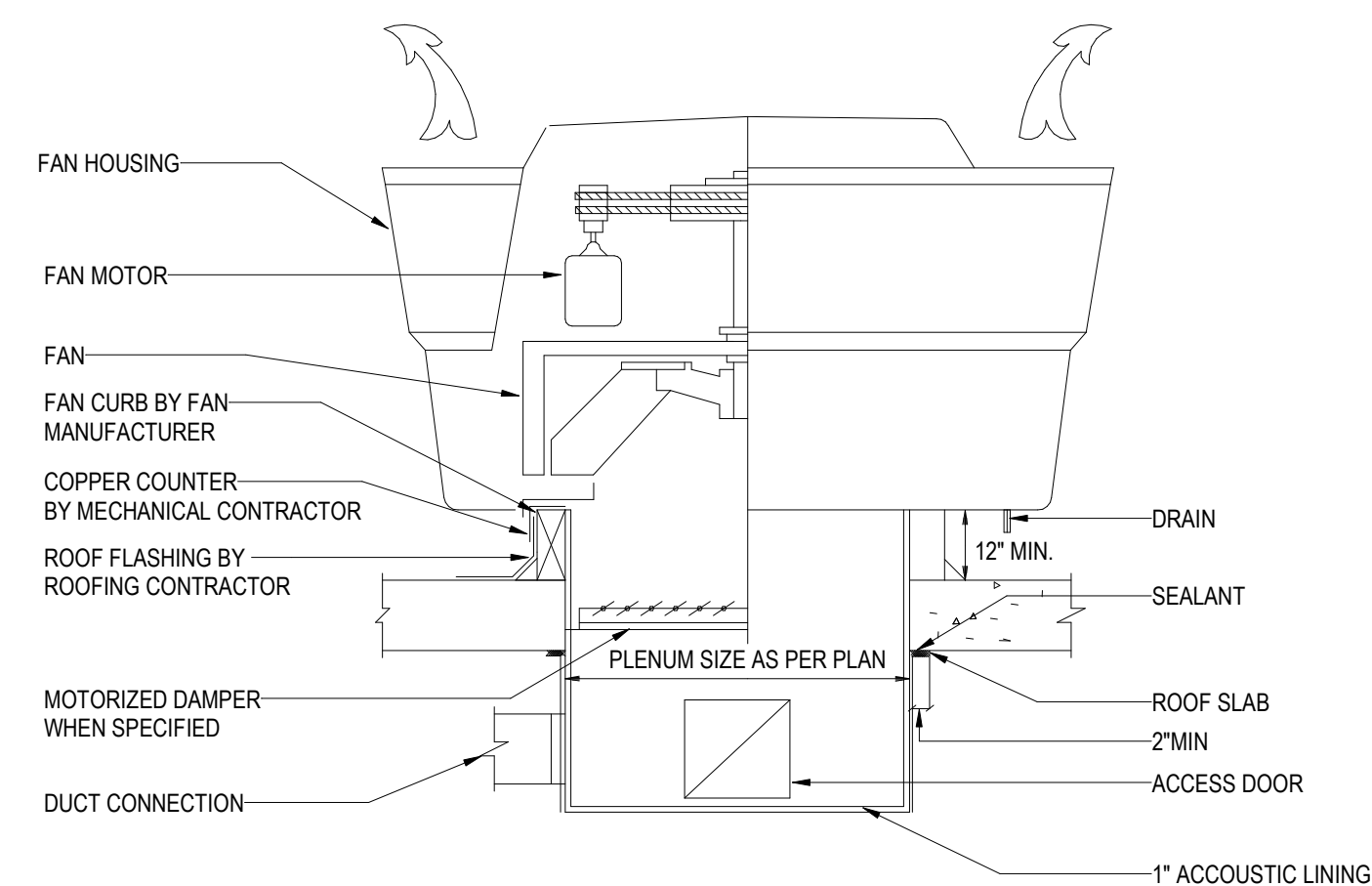
WITHOUT INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH H	SHIELD THICKNESS USSG
UP TO 3"	6"	18

WITHOUT INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH H	SHIELD THICKNESS USSG
UP TO 3"	12"	18



1 TYPICAL INSULATION OF PIPES SMALLER THAN 3

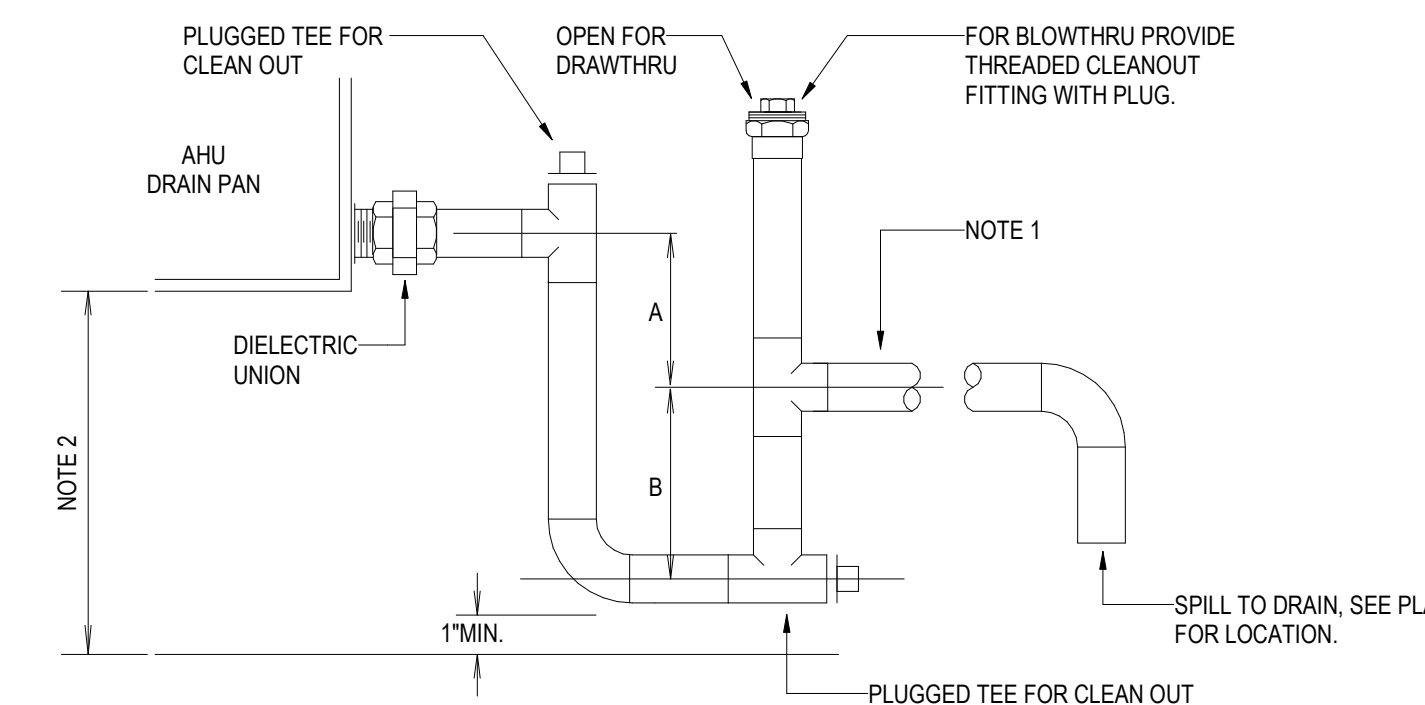
NOT TO SCALE



2 ROOF EXHAUST FAN UPBLAST

NOT TO SCALE

CONDENSATE PIPE SIZE	
EQUIPMENT CAPACITY	MIN. PIPE SIZE
TONS	INCH
UP TO 20	3/4
21-40	1
41-90	1 1/4
91-125	1 1/2
126-250	2



- DRAWTHRU:
A = GREATER OF 4" OR 1/2" PLUS AHU TOTAL PRESSURE IN INCHES-WC
- BLOWTHRU:
B = GREATER OF 4" OR 1/2" PLUS AHU TOTAL PRESSURE IN INCHES-WC
- NOTES:
1. REF. PLAN DWGS FOR CONDENSATE DRAIN PIPE SIZE, (1"MIN. AT EACH AHU DRAIN CONNECTION POINT). REF. SPECIFICATIONS FOR PIPE AND INSULATION MATERIAL REQUIREMENTS.
2. AHU TO BE ELEVATED ON HOUSEKEEPING PAD OR MOUNTING STRUCTURE AS REQUIRED FOR TRAP HEIGHT ABOVE FLOOR

3 MECHANICAL UNIT CONDENSATE DRAIN

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Key Plan

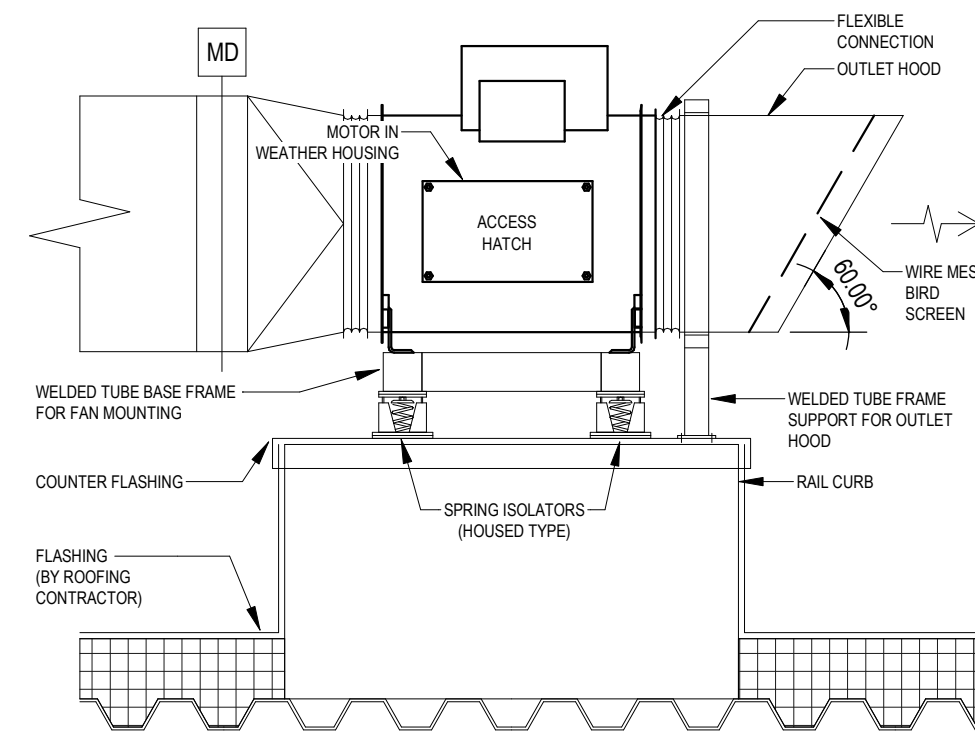
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

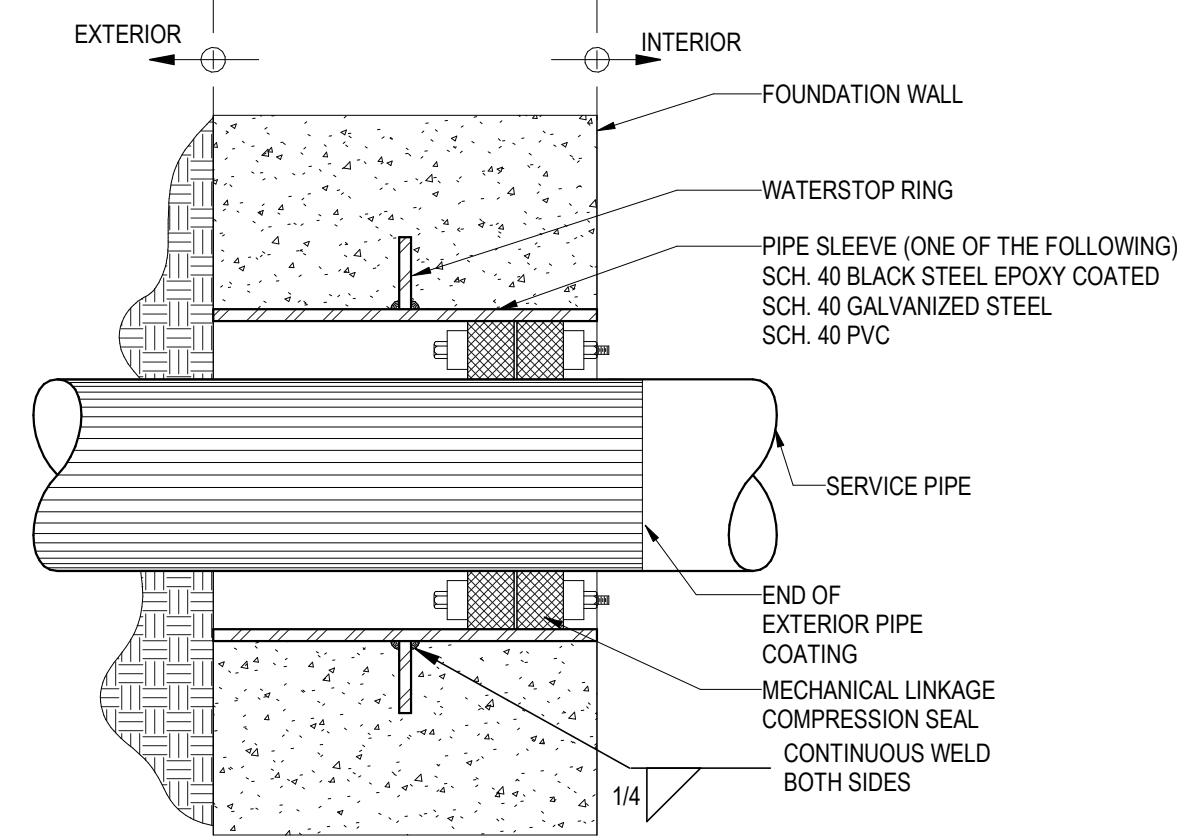
NOT FOR CONSTRUCTION
Drawing Title
Mechanical Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	M-A-507
Sheet Size	ARCH D

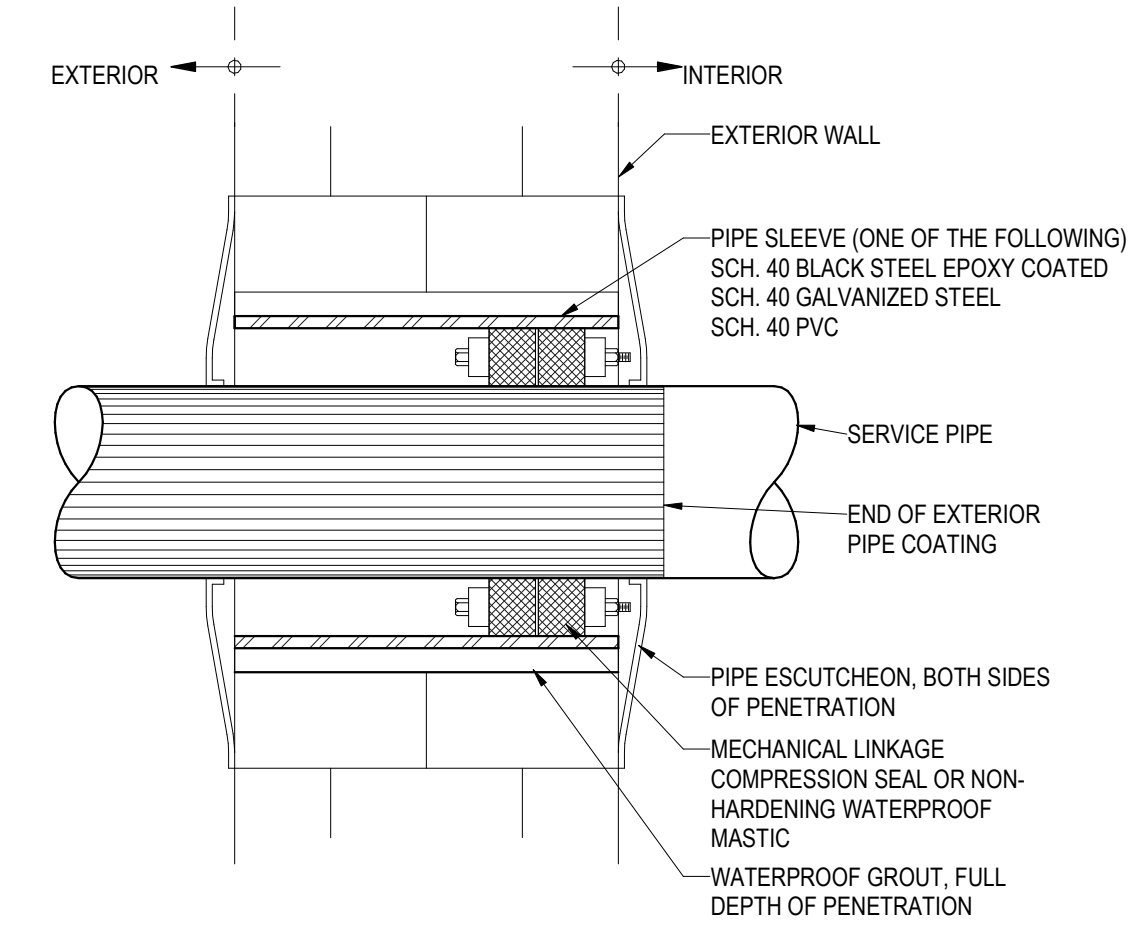


NOTES:
1. ALL EXTERIOR DUCTWORK TO BE STAINLESS STEEL

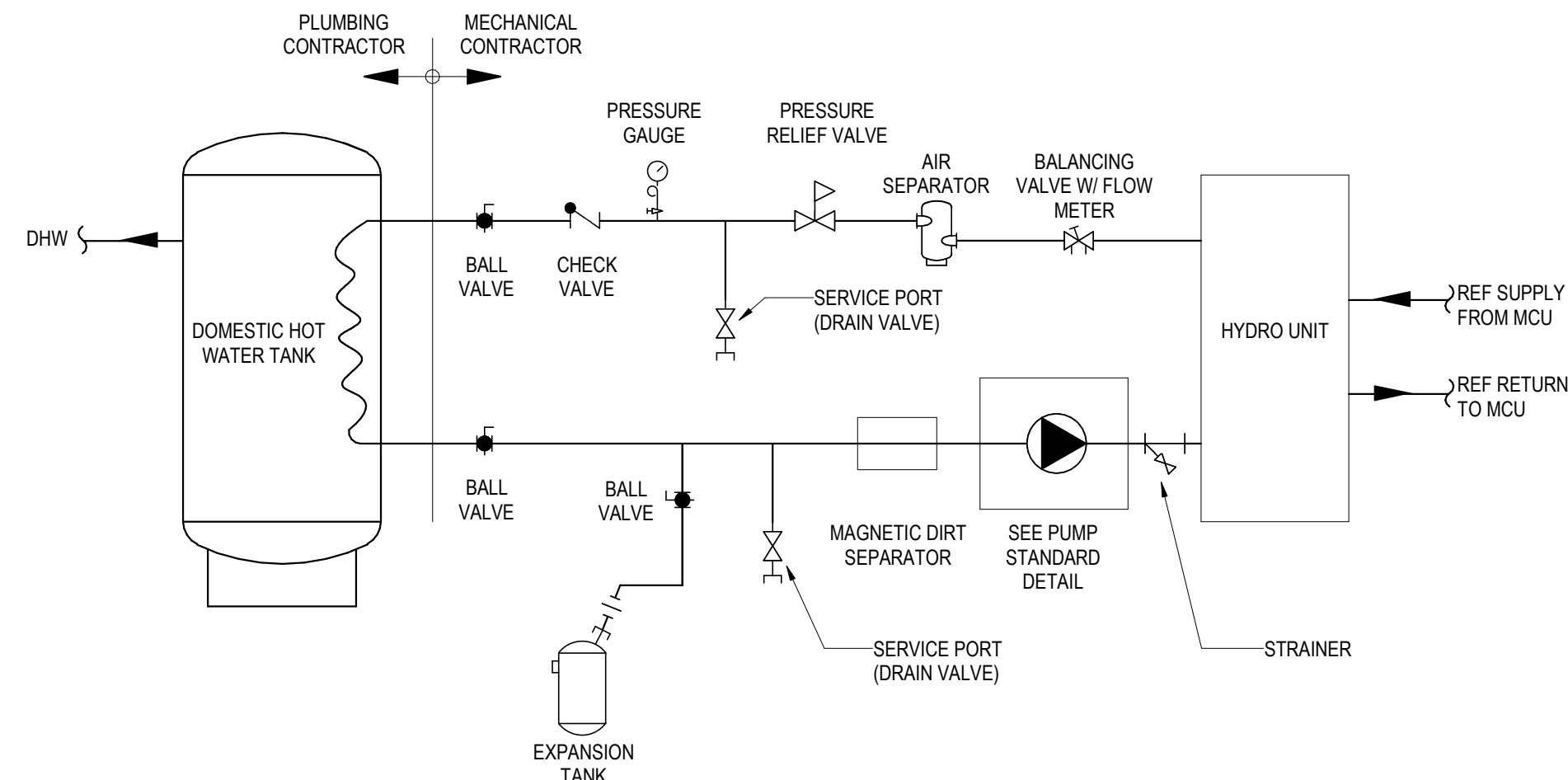
1 MIXED FLOW INLINE FAN
NOT TO SCALE



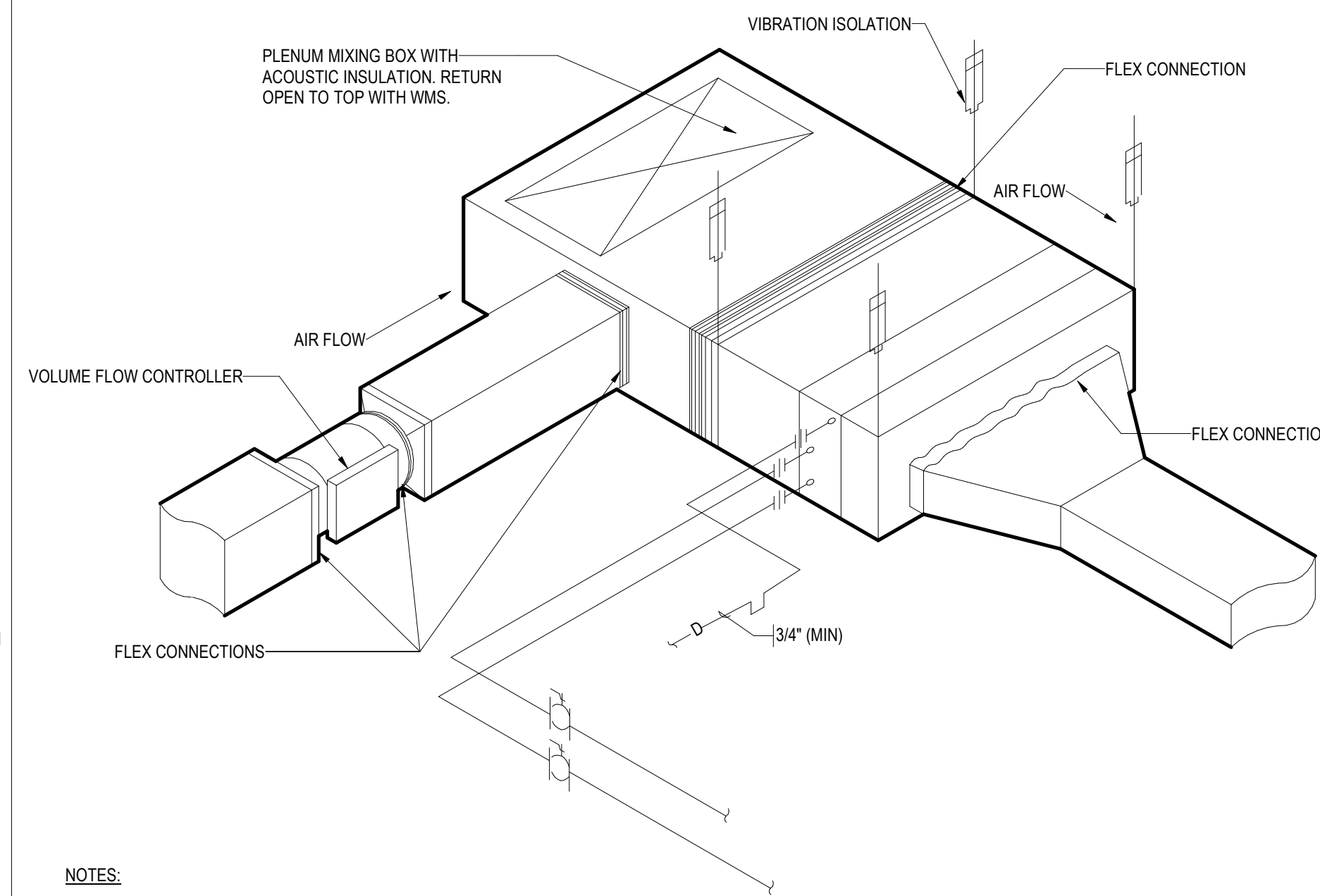
2 PIPE PENETRATION THROUGH FOUNDATION WALLS
NOT TO SCALE



3 PIPE PENETRATIONS THROUGH EXTERIOR WALLS ABOVE GRADE
NOT TO SCALE



4 VRF DOMESTIC HOT WATER MODULE CONNECTION DETAIL
NOT TO SCALE



- NOTES:
- 1) A BEND WITH A CURVATURE RADIUS OF AT LEAST 1 X DIAMETER, WITHOUT AN ADDITIONAL STRAIGHT DUCT SECTION UPSTREAM OF THE FLOW CONTROLLER, IS RECOMMENDED BY THE MANUFACTURER AS HAVING A NEGLIGIBLE EFFECT ON VOLUME FLOW RATE ACCURACY.
 - 2) A STRAIGHT DUCT SECTION OF AT LEAST 1.5 X DIAMETER IS REQUIRED UPSTREAM THE FLOW CONTROLLER. SHORTER UPSTREAM SECTIONS REQUIRE A PERFORATED PLATE IN THE BRANCH AND BEFORE THE FLOW CONTROLLER.
 - 3) FLOW CONTROLLER REQUIRES AT LEAST 1" OF CLEARANCE IN ALL DIRECTIONS FOR COMMISSIONING AND MAINTENANCE.
 - 4) INSTALL COMPONENTS SUCH THAT A SINGLE COMMON CLEARANCE AREA FOR MAINTENANCE ACCESS IS PROVIDED TO FCU, FLOW CONTROLLER, FILTER REPLACEMENT AND REFRIGERANT VALVING.
 - 5) PROVIDE ACOUSTIC LINING IN SUPPLY DUCT FOR 10 FT DOWN STREAM FROM FCU.

5 HORIZONTAL VRF FAN COIL UNIT
NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Mechanical Details

Date 11/06/20

Scale Not to Scale

Drawing Number M-A-508

Sheet Size ARCH D

M - VRF FAN COIL UNIT SCHEDULE

DESIGNATION	LOCATION	COOLING AT AHRI		HEATING AT AHRI	ELECTRICAL				FAN		MANUFACTURER	MODEL NUMBER	REMARKS
		TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	TOTAL HEATING CAPACITY (MBH)	VOLTAGE	PHASE	FREQUENCY	MCA	CFM	EXTERNAL STATIC PRESSURE (IN WG)			
FCU-A-1-01	LEVEL 1	48.0	36.7	54.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY048MH142A	
FCU-A-1-02	LEVEL 1	30.0	23.0	34.0	208 V	1	60	3 A	883 CFM	1.0	TRANE	TPEFY030MH142A	
FCU-A-1-03	LEVEL 1	36.0	27.5	40.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY036MH142A	
FCU-A-1-04	LEVEL 1	27.0	20.7	30.0	208 V	1	60	2 A	777 CFM	1.0	TRANE	TPEFY027MH142A	
FCU-A-1-05	LEVEL 1	8.0	5.8	9.0	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY008MA143A	
FCU-A-1-06	LEVEL 1	6.0	4.9	6.7	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY006MA143A	
FCU-A-1-07	LEVEL 1	36.0	27.5	40.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY036MH142A	
FCU-A-1-08	LEVEL 1	15.0	11.4	17	208 V	1	60	1 A	494 CFM	0.6	TRANE	TPEFY015MA143A	
FCU-A-1-09	LEVEL 1	36.0	27.5	40.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY036MH142A	
FCU-A-1-10	LEVEL 1	12.0	9.1	13.5	208 V	1	60	1 A	371 CFM	0.6	TRANE	TPEFY012MA143A	
FCU-A-1-11	LEVEL 1	6.0	4.9	6.7	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY006MA143A	
FCU-A-2-01	LEVEL 1	6.0	4.9	6.7	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY006MA143A	
FCU-A-2-02	LEVEL 2	24.0	18.3	27.0	208 V	1	60	2 A	671 CFM	1.0	TRANE	TPEFY024MH142A	
FCU-A-2-03	LEVEL 2	6.0	4.9	6.7	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY006MA143A	
FCU-A-2-04	LEVEL 2	15.0	11.4	17	208 V	1	60	1 A	494 CFM	0.6	TRANE	TPEFY015MA143A	
FCU-A-2-05	LEVEL 2	36.0	27.5	40.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY036MH142A	
FCU-A-2-06	LEVEL 2	15.0	11.4	17	208 V	1	60	1 A	494 CFM	0.6	TRANE	TPEFY015MA143A	
FCU-A-2-07	LEVEL 2	8.0	5.8	9.0	208 V	1	60	1 A	300 CFM	0.6	TRANE	TPEFY006MA143A	
FCU-A-2-08	LEVEL 2	48.0	36.7	54.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY048MH142A	
FCU-A-2-09	LEVEL 2	48.0	36.7	54.0	208 V	1	60	4 A	1342 CFM	1.0	TRANE	TPEFY048MH142A	
FCU-A-2-10	LEVEL 2	18.0	13.8	20.0	208 V	1	60	2 A	600 CFM	0.6	TRANE	TPEFY018MA143A	
FCU-A-2-13	LEVEL 2	30.0	21.5	34.0	208 V	1	60	1 A	918 CFM	-	TRANE	TRKFPY030KM142A	WALL MOUNTED, COOLING ONLY
FCU-A-2-14	LEVEL 2	30.0	21.5	34.0	208 V	1	60	1 A	918 CFM	-	TRANE	TRKFPY030KM142A	WALL MOUNTED, COOLING ONLY

M - VRF AIR COOLED CONDENSING UNIT SCHEDULE

DESIGNATION	LOCATION	SERVING	TOTAL COOLING CAPACITY (MBH)	TOTAL HEATING CAPACITY (MBH)	COOLING EER	HEATING COP	ELECTRICAL				REFRIGERANT TYPE	DIMENSIONS			WEIGHT (LB)	MANUFACTURER	MODEL NUMBER	REMARKS
							VOLTAGE	PHASE	FREQUENCY	MCA		LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)				
ACCU-A-3-1	ROOF	SOUTH	120	135	12.2	3.56	208 V	3	60	41 A	R410A	2'-5 5/32"	4'-0 7/8"	5'-11 5/8"	622	TRANE	TURYE1203AN40A	
ACCU-A-3-2	ROOF	SOUTH	96	108	12.2	3.56	208 V	3	60	31 A	R410A	2'-5 5/32"	4'-0 7/8"	5'-11 5/8"	613	TRANE	TURYE0963AN40A	
ACCU-A-3-3	ROOF	IT ROOM	30	-	9.5	-	208 V	3	60	19 A	R410A	1'-2 3/16"	3'-1 13/32"	3'-1 1/8"	151	TRANE	PUY-A30NHA7	
ACCU-A-3-4	ROOF	NORTH	120	135	11.2	3.36	208 V	3	60	43 A	R410A	2'-5 5/32"	4'-0 7/8"	5'-11 5/8"	622	TRANE	TURYE1203AN40A	
ACCU-A-3-5	ROOF	NORTH	120	135	11.2	3.36	208 V	3	60	43 A	R410A	2'-5 5/32"	4'-0 7/8"	5'-11 5/8"	613	TRANE	TURYE0963AN40A	

M - VRF HYDRO UNIT SCHEDULE

DESIGNATION	SERVICE	LOCATION	TOTAL HEATING CAPACITY (MBH)	ELECTRICAL				MOC	REFRIGERANT TYPE	WEIGHT (LB)	MANUFACTURER	MODEL NUMBER	REMARKS
				VOLTAGE	PHASE	FREQUENCY	MCA						
HU - A-1-1	DOMESTIC HOT WATER	LEVEL 01	85.3	208 V	1	60	32 A	40	R134a	230	TRANE	AM250FNFB/EU	

M - VRF MODE CONTROL UNIT SCHEDULE

DESIGNATION	LOCATION	TOTAL CAPACITY (MBH)	NUMBER OF PORTS	DIMENSIONS			ELECTRICAL DATA						MANUFACTURER	MODEL NUMBER	REMARKS
				HEIGHT	LENGTH	WIDTH	VOLTAGE	PHASE	FREQUENCY	MCA	FLA	MOP			
MCU-A-1-01	LEVEL 1	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	
MCU-A-1-02	LEVEL 1	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	
MCU-A-1-03	LEVEL 1	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	
MCU-A-2-01	LEVEL 2	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	
MCU-A-2-02	LEVEL 2	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	
MCU-A-2-03	LEVEL 2	76	6	0'-8"	2'-5"	1'-6"	208 V	1	60	2 A	2 A	15 A	TRANE	MCU-SNEK2N	

M - VAV SCHEDULE

DESIGNATION	SERVICE	LOCATION	INLET SIZE (IN)	MAXIMUM CFM	MINIMUM CFM	PRESSURE DROP (IN WG)	ELECTRICAL			MANUFACTURER	MODEL NUMBER	REMARKS
							kW	VOLTAGE	PHASE			
VAV - A-2-1	ARCHIVE	LEVEL 2	0'-8"	900	90	0.03	9.5	208 V	1	TITUS	DESV	ELECTRIC REHEAT COIL
VAV - A-2-2	PROCESSING	LEVEL 2	0'-8"	900	90	0.03	9.5	208 V	1	TITUS	DESV	ELECTRIC REHEAT COIL

M - VFC SCHEDULE

DESIGNATION	SERVES	DESIGN CFM	DROP AT MIN FLOW (IN W.G)	ROUND DUCT CONNECTION SIZE (IN)	MOTORIZED DAMPER CONTROL VIA	MANUFACTURER	MODEL NUMBER	REMARKS
VFC A-1-02	FCU A-1-02	210 CFM	0.20	8"	CO2	ALDES	18146	
VFC A-1-03	FCU A-1-03	530 CFM	0.20	10"	CO2	ALDES	18158	
VFC A-1-04	FCU A-1-04	270 CFM	0.20	10"	CO2	ALDES	18154	
VFC A-1-06	FCU A-1-06	190 CFM	0.20	8"	CO2	ALDES	18145	
VFC A-1-07	FCU A-1-07	420 CFM	0.20	10"	CO2	ALDES	18158	
VFC A-1-08	FCU A-1-08	100 CFM	0.20	6"	CO2	ALDES	18133	
VFC A-1-09	FCU A-1-09	230 CFM	0.20	8"	CO2	ALDES	18146	
VFC A-1-10	FCU A-1-10	180 CFM	0.20	8"	CO2	ALDES	18145	
VFC A-2-01	FCU A-2-01	50 CFM	0.20	5"	CO2	ALDES	18122	
VFC A-2-02	FCU A-2-02	230 CFM	0.20	8"	CO2	ALDES	18146	
VFC A-2-03	FCU A-2-03	90 CFM	0.20	6"	CO2	ALDES	18132	
VFC A-2-04	FCU A-2-04	160 CFM	0.20	8"	CO2	ALDES	18143	
VFC A-2-05	FCU A-2-05	200 CFM	0.20	10"	CO2	ALDES	18154	
VFC A-2-07	FCU A-2-07	80 CFM	0.20	6"	CO2	ALDES	18132	
VFC A-2-08	FCU A-2-08	200 CFM	0.20	8"	CO2	ALDES	18145	
VFC A-2-09	FCU A-2-09	350 CFM	0.20	10"	CO2	ALDES	18156	
VFC A-2-10	FCU A-2-10	160 CFM	0.20	8"	CO2	ALDES	18143	

NOTE: AUTOMATIC SHUTOFF DAMPER ASSOCIATED WITH EACH VOLUME FLOW CONTROLLER TO BE CONTROLLED BY LOCAL CO2 SENSOR IN THE ZONE SERVED BY THE ASSOCIATED FAN COIL UNIT

M - DIFFUSER AND GRILLE SCHEDULE

DESIGNATION	USAGE	MAX CFM	MAX CFM/F	MAX VC	FACE SIZE	DIFFUSER HEIGHT (IN)	SLOT SIZE	LENGTH (IN)	MANUFACTURER	MODEL NUMBER	REMARKS
LSD-1	SUPPLY	-	30	25	-	-	1	48	PRICE	SDS	2
RSD-1	-	-	30	25	-	-	1	48	PRICE	SDS	2
SD-1	SUPPLY	250	-	25	10" DIA	-	-	-	PRICE	RPD	-

NOTES:
1. LINEAR BAR DIFFUSERS IN SOFFITS TO BE CONTINUOUS WITH ACTIVE SECTIONS FOR SUPPLY AND INACTIVE SECTIONS FOR RETURN BACK TO FCU.
2. PROVIDE WITH PLENUM.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Mechanical
Schedules**

Date 11/06/20

Scale

Drawing Number **M-A-601**

Sheet Size ARCH D

M - AIR HANDLING UNIT SCHEDULE (FANS)

DESIGNATION	LOCATION	SERVICE	MANUFACTURER	MODEL NUMBER	DIMENSIONS (IN)			ELECTRICAL									OPERATING WEIGHT (LB)	SUPPLY AIR (CFM)	SUPPLY AIR ESP	RETURN AIR (CFM)	RETURN AIR ESP	OUTDOOR AIR (CFM)	RELIEF AIR (CFM)	SUPPLY FAN			RETURN FAN		
					LENGTH	WIDTH	HEIGHT	VOLTAGE	FLA	MCA	MOCPP	PHASE	FREQ	SINGLE POINT CONNECTION	QUANTITY	FLOW EACH (CFM)								MOTOR VFD	FAN SPEED (RPM)	QUANTITY	FLOW EACH (CFM)	MOTOR VFD	FAN SPEED (RPM)
DOAS-A-3-1	ROOF	SOUTH	TRANE	40A002L1ZVS210	20'-0"	5'-10"	5'-7"	208 V	194 A	221 A	250	3	60	Yes	7263	3000	5.17	3000	4.2	3000	3000	2	1500	Y	3556	2	1500	Y	3186
DOAS-A-3-2	ROOF	NORTH	TRANE	40A002L1ZVS210	20'-0"	5'-10"	5'-7"	208 V	178 A	201 A	225	3	60	Yes	7255	2600	4.56	2600	3.79	2600	2600	2	1300	Y	3345	2	1300	Y	3059
AHU-A-3-1	ROOF	ARCHIVE	TRANE	40A002L1ZVS210	13'-4"	2'-11"	8'-1"	208 V	45 A	49 A	60	3	60	Yes	4173	1600	3.60	1350	-	250	250	1	1600	Y	3080	0	-	-	-

M - AIR HANDLING UNIT SCHEDULE (ENERGY RECOVERY)

DESIGNATION	ENERGY RECOVERY WHEEL															
	SUMMER INTAKE AIR ENTERING WHEEL		SUMMER EXHAUST AIR ENTERING WHEEL		SUMMER INTAKE AIR LEAVING WHEEL		SUMMER EXHAUST AIR LEAVING WHEEL		WINTER INTAKE AIR ENTERING WHEEL		WINTER EXHAUST AIR ENTERING WHEEL		WINTER INTAKE AIR LEAVING WHEEL		WINTER EXHAUST AIR LEAVING WHEEL	
	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)
DOAS-A-3-1	91°F	74°F	75°F	63°F	80°F	66°F	86.5	71°F	0°F	0°F	68°F	52°F	49°F	41°F	19°F	19°F
DOAS-A-3-2	91°F	74°F	75°F	63°F	80°F	66°F	86.9	71°F	0°F	0°F	68°F	52°F	50°F	41°F	18°F	18°F

M - AIR HANDLING UNIT SCHEDULE (COILS)

DESIGNATION	ELECTRIC COIL				DX COIL						HOT GAS REHEAT COIL			
	ENTERING AIR (°F)	SENSIBLE CAPACITY (MBH)	LEAVING AIR (°F)	PRESSURE DROP (FT OF WATER)	ENTERING AIR TEMPERATURE		BTU/HR	LEAVING AIR TEMPERATURE		REFRIGERANT PRESSURE DROP (FT OF WATER)	EAT (°F)	LAT (°F)	TOTAL CAPACITY (BTU/HR)	
					DB (°F)	WB (°F)		DB (°F)	WB (°F)					
DOAS-A-3-1	44°F	101.5	75°F	0.04	80°F	66°F	95,330	141,943	51°F	50°F	1.01	51°F	70°F	61,747
DOAS-A-3-2	44°F	88.7	76*	0.03	77°F	67°F	75,250	128,964	50°F	50°F	0.79	50°F	71°F	58,581
AHU-A-3-1	-	-	-	-	76°F	65°F	52,420	84,521	46°F	46°F	0.92	46°F	71°F	41,645

M - AIR HANDLING UNIT SCHEDULE (ACOUSTICAL PERFORMANCE)

DESIGNATION	ACOUSTICAL PERFORMANCE AT CONNECTIONS																															
	SUPPLY DUCT SOUND POWER LEVEL								RETURN DUCT SOUND POWER LEVEL								RELIEF DUCT SOUND POWER LEVEL								OUTSIDE AIR DUCT SOUND POWER LEVEL							
	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000	63	125	250	500	1000	2000	4000	8000
DOAS-A-3-1	80	76	73	81	74	75	61	77	72	75	87	75	75	73	71	77	74	72	80	73	73	68	58	79	71	76	89	78	77	76	74	
DOAS-A-3-2	77	74	73	79	73	74	68	59	73	71	75	86	75	74	72	71	75	72	72	79	71	72	66	58	76	72	76	87	76	76	74	73
AHU-A-3-1	73	70	69	77	69	70	65	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	68	72	85	72	72	70	68

M - HUMIDIFIER SCHEDULE

DESIGNATION	SERVICE	LOCATION	MAXIMUM STEAM CAPACITY (LBS/HR)	ELECTRICAL				DIMENSIONS			MANUFACTURER	MODEL NUMBER	REMARKS
				VOLTAGE	PHASE	FREQUENCY	KW	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)			
HUM - A-2-1	AHU-A-1	ARCHIVE	8.3	208 V	3	60	3	1'-9 15/16"	1'-10 11/32"	2'-8 11/16"	ARMSTRONG	HC-6100	BACKUP POWER REQUIRED

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Key Plan

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Project

**Storm King
 Art Center
 Administration
 Building**

Seal

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Drawing Title
**Mechanical
 Schedules**

Date 11/06/20

Scale

Drawing Number **M-A-602**

Sheet Size ARCH D

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Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

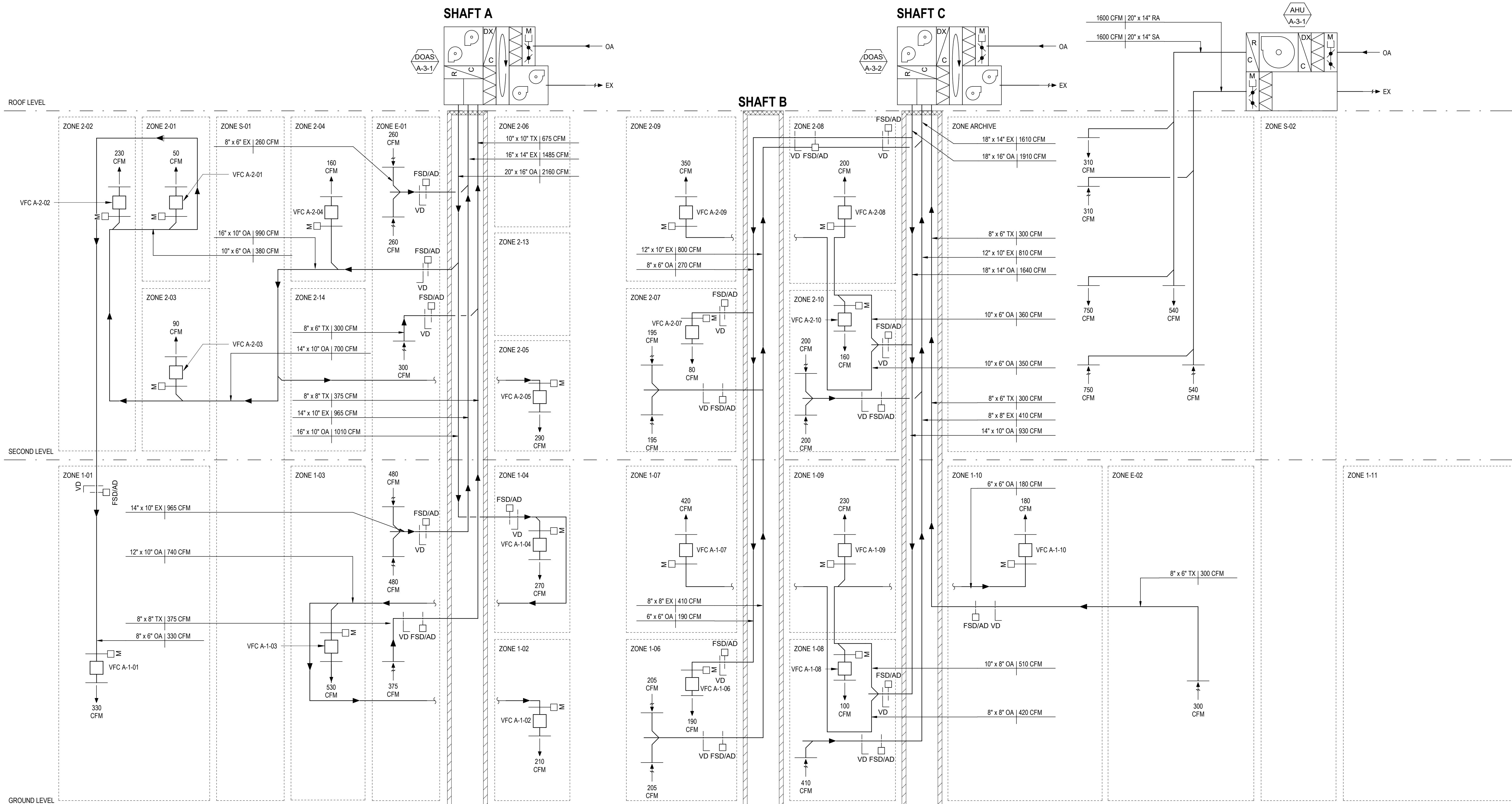
Drawing Title
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Date 11/06/20

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Drawing Number **M-A-701**

Sheet Size ARCH D



GENERAL NOTES

SINGLE LINES ARE INTENDED TO SHOW CONNECTIVITY OF REFRIGERANT SYSTEM. EACH LINE REPRESENTS 3X REFRIGERANT PIPES. MODE CONTROL UNIT (MCU) LAYOUT IS PRELIMINARY AND SUBJECT TO MANUFACTURER REQUIREMENTS.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION

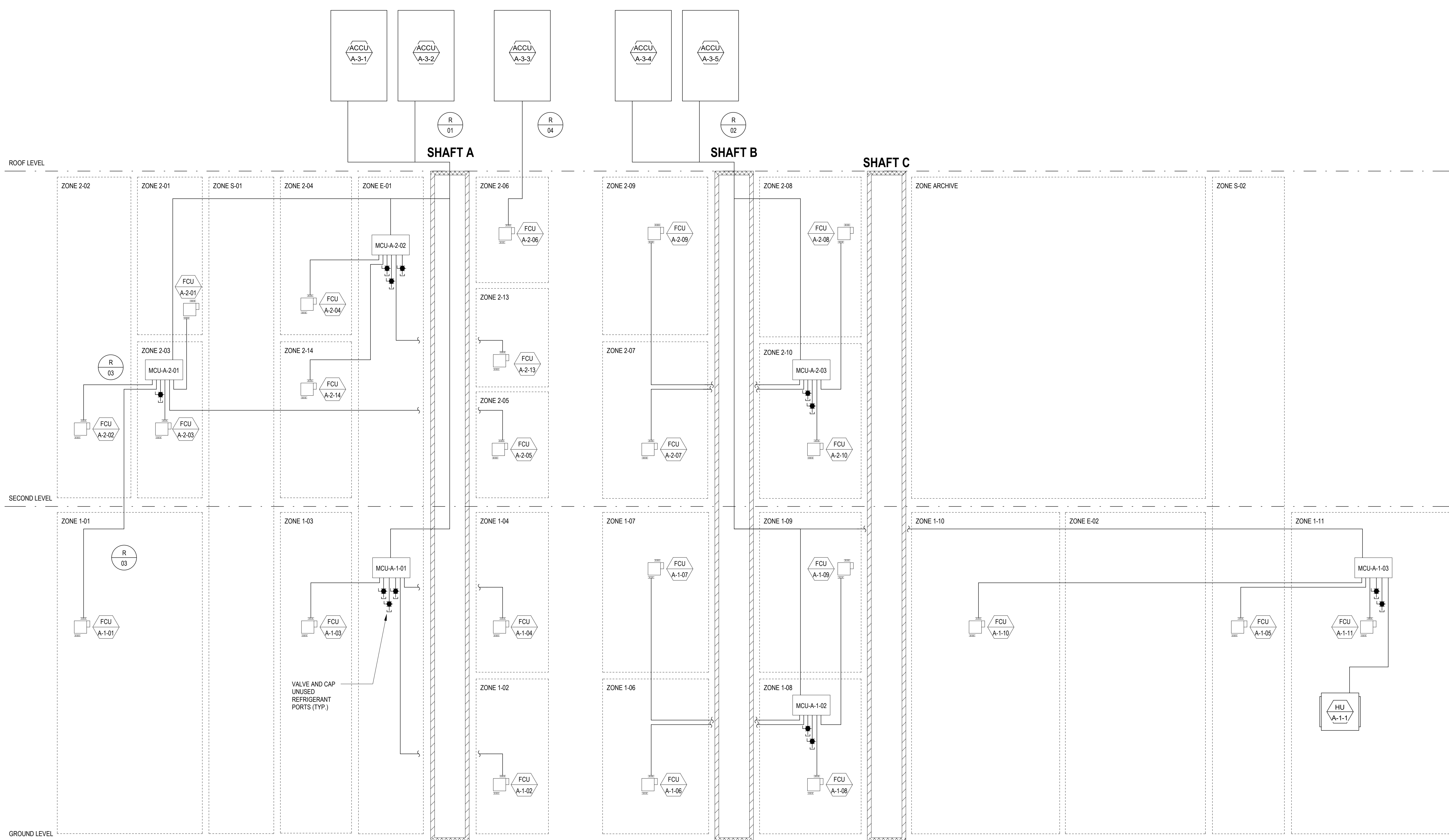
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Date 11/06/20

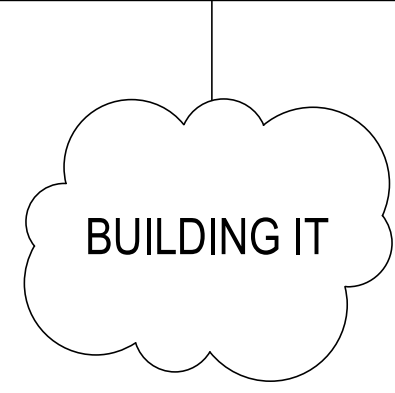
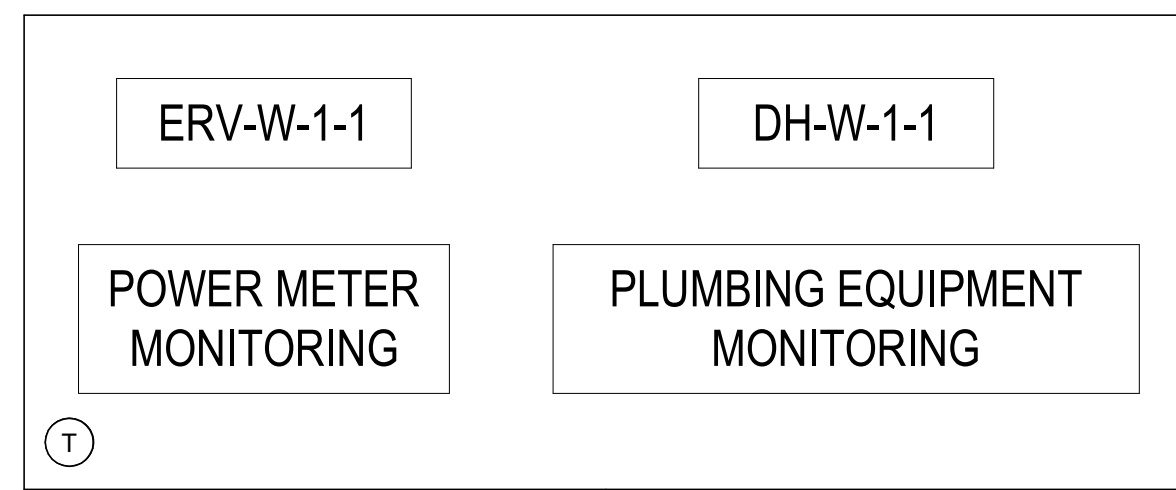
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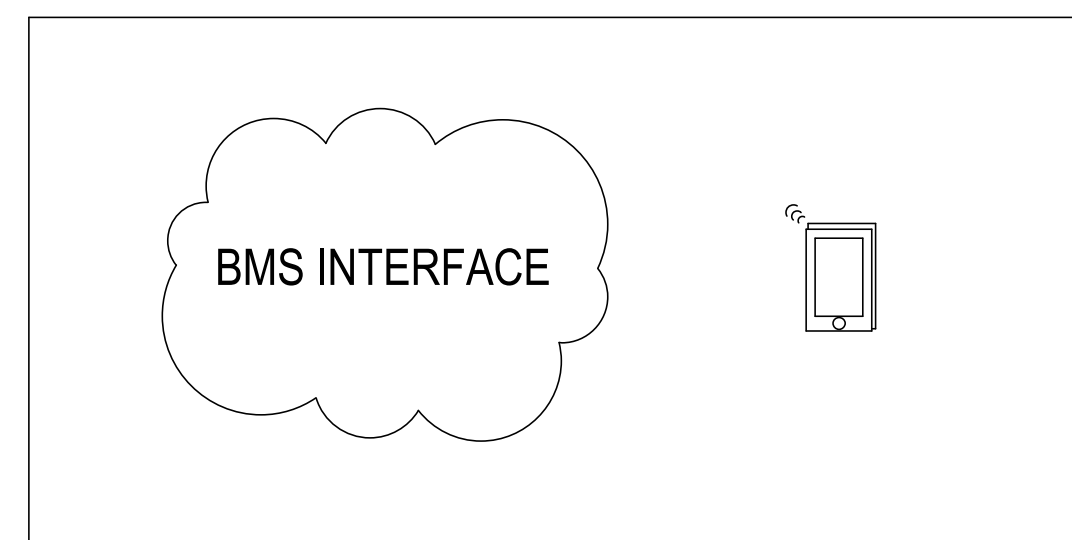
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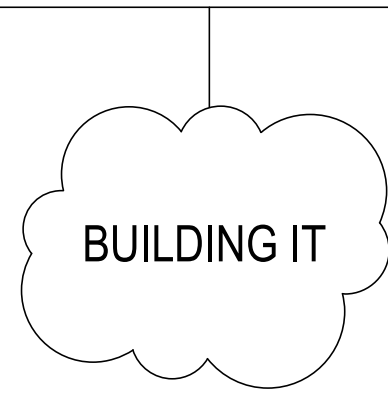
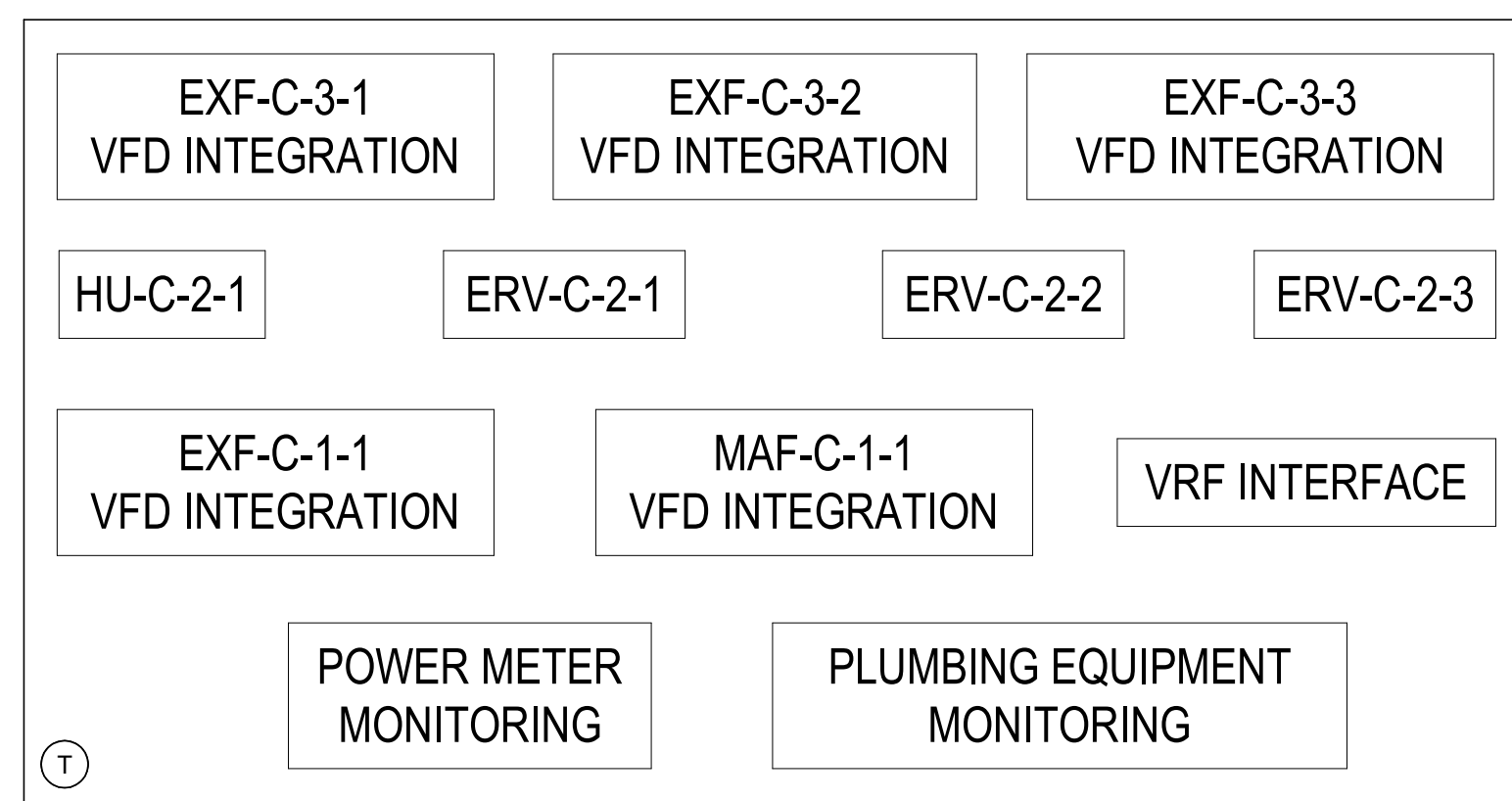
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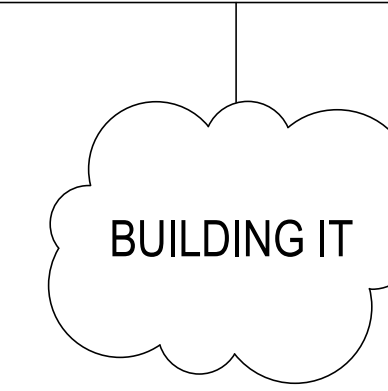
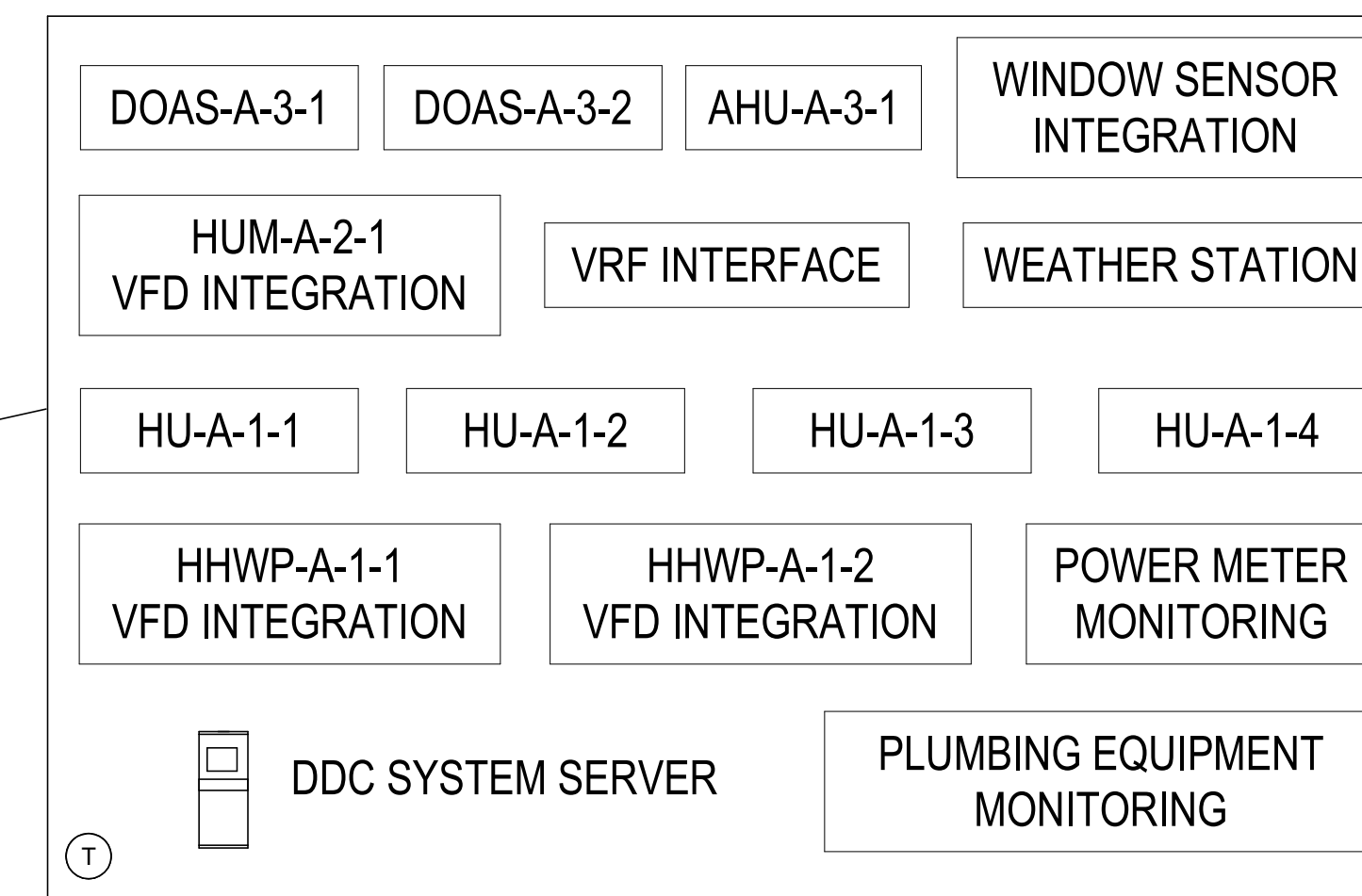
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CONSERVATION, FABRICATION & MAINTENANCE BUILDING



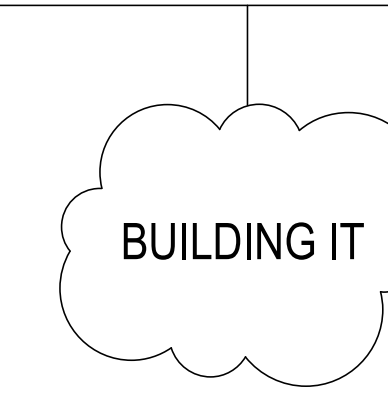
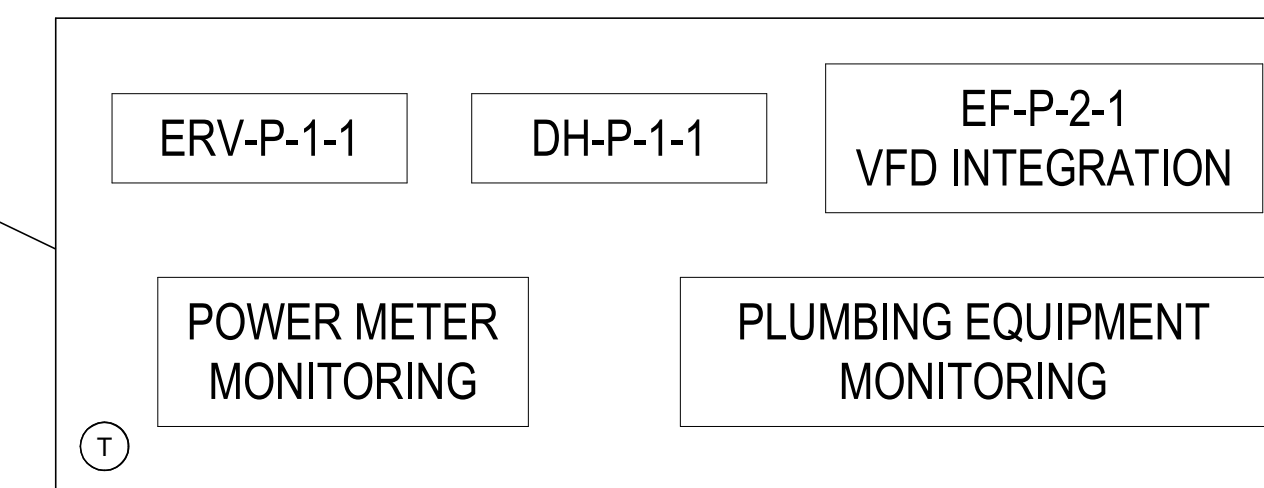
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BMS ALARMS / MODES

- FREEZE PROTECTION
- HIGH/LOW SPACE TEMPERATURE
- FILTER STATUS
- UNIT FAILURE
- ONLINE/OFFLINE
- OCCUPIED/UNOCCUPIED
- MORNING WARMUP/COOLDOWN
- HIGH/LOW DISCHARGE AIR TEMPERATURE
- VFD FAILURE
- HIGH/LOW CO2

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Key Plan

Description Date
50% Construction Documents 11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

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Drawing Title
Controls Site Plan

Date 11/06/20
Scale As indicated
Drawing Number **M-A-900**
Sheet Size ARCH D

1 Site Plan
SCALE 1 : 6000

ABBREVIATIONS

AD	AREA DRAIN
BFP	BACKFLOW PREVENTOR
BT	BATHTUB
CI	CAST IRON
CL	CENTER LINE
CLG	CEILING
CO	CLEANOUT
CODP	CLEANOUT DECK PLATE
COWP	CLEAN OUT WALL PLATE
COL	COLUMN
CP	CONTROL PANEL
CW	COLD WATER
DCV	DOUBLE CHECK VALVE
DDDA	DOUBLE CHECK DETECTOR ASSEMBLY
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DIA	DIAMETER
DN	PIPE DOWN THRU FLOOR
DR	DRAIN
DW	DISH WASHER
DWG	DRAWING
DWT	DOMESTIC WATER TANK
EL	ELEVATION
ELEC	ELECTRIC
ETBR	EXISTING TO BE REMOVED
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EWB	ELECTRIC WATER HEATER
EXIST	EXISTING
F	FIRE SERVICE
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FL	FLOOR
FU	FIXTURE UNIT
FS	FLOOR SINK
G	GAS
GAL	GALLON
GC	GENERAL CONTRACTOR
GI	GREASE INTERCEPTOR
GM	GAS METER
GV	GATE VALVE
GW	GRAY WASTE
HB	HOSE BIB
HC	HANDICAPPED
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HW	HOT WATER
HWH	HOT WATER HEATER
HWR	HOT WATER RETURN
IG	IRRIGATION PIPING
IE	INVERT ELEVATION
IW	INDIRECT WASTE
JS	JANITOR SINK

KS	KITCHEN SINK
L	LEADER
LAV	LAVATORY
LP	LOW PRESSURE
MAX	MAXIMUM
MIN	MINIMUM
MGCV	MASTER GAS CONTROL VALVE
MICV	METER INLET CONTROL VALVE
MS	MOP SINK
NFWH	NON-FREEZE WALL HYDRANT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
OSS&Y	OUTSIDE SCREW & YOKE
PG	PRESSURE GAUGE
PLMB	PLUMBING
PO	PLUGGED OUTLET
POE	POINT OF ENTRY
PS	PANTRY SINK
RD	ROOF DRAIN
REF	REFRIGERATOR
RPZ	REDUCED PRESSURE ZONE
ROT	REVERSE OSMOSIS TREATMENT
RM	ROOM
S	SOIL
SA	SHOCK OBSORBER
SS, SAN	SANITARY
ST	STORM DRAIN
SE	SEWAGE EJECTOR
SP	SUMP PUMP
SH	SHOWER
SPEC	SPECIFICATIONS
SQ. FT.	SQUARE FEET
TD	TRENCH DRAIN
TMV	THERMOSTATIC MIXING VALVE
TR	TRAP
TYP	TYPICAL
UR	URINAL
V	VENT
VTR	VENT THROUGH ROOF
VB	VACUUM BREAKER
W	WASTE
WC	WATER CLOSET
WH	WALL HUNG
WHA	WATER HAMMER ARRESTER
WSFU	WATER SUPPLY FIXTURE UNIT

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	PROPOSED SANITARY PIPING BELOW GRADE
	EXISTING SANITARY PIPING BELOW GRADE
	PROPOSED SANITARY WASTE (S OR W)
	EXISTING SANITARY WASTE (S OR W)
	PROPOSED STORM DRAINAGE (ST)
	EXISTING STORM DRAINAGE (ST)
	PROPOSED OVERFLOW STORM DRAINAGE
	EXISTING OVERFLOW STORM DRAINAGE
	PROPOSED VENT
	EXISTING VENT
	PROPOSED DOMESTIC COLD WATER
	EXISTING DOMESTIC COLD WATER
	PROPOSED DOMESTIC HOT WATER
	EXISTING DOMESTIC HOT WATER
	PROPOSED DOMESTIC HOT WATER RETURN
	EXISTING DOMESTIC HOT WATER RETURN
	PROPOSED NATURAL GAS
	EXISTING NATURAL GAS
	RAINWATER REUSE
	SEWAGE EJECTOR DISCHARGE
	PUMP DISCHARGE PIPING
	GRAY WATER (LA ONLY)
	GREASE WASTE
	SOFTENED WATER
	PURIFIED WATER
	COMPRESSED AIR
	OXYGEN
	NITROGEN
	LAB VACUUM
	LAB AIR
	LAB GAS
	TEPID WATER
	REMOVE EXISTING PIPING
	PIPING WITH ELECTRIC TRACE HEATING
	PIPING INTERRUPTED OR TO BE CONTINUED
	CAP OR END OF PIPE
	SECTION SHEET No. SECTION NUMBER
	SYSTEM DESCRIPTION RISER NUMBER PLUMBING RISER
	SYSTEM DESCRIPTION RISER NUMBER STORM RISER
	SYSTEM DESCRIPTION RISER NUMBER GAS RISER
	EQUIPMENT DESCRIPTION EQUIPMENT NUMBER EQUIPMENT REFERENCE
	POINT OF DISCONNECT
	CONNECT NEW TO EXISTING
	HOT WATER BALANCING ASSEMBLY
	CLEANOUT
	CLEANOUT DECK PLATE
	DRAIN
	HOUSE TRAP
	P-TRAP
	SHOCK ABSORBER
	TRAP PRIMER
	ARROW INDICATES DIRECTION OF FLOW
	ELBOW UP OR RISE
	ELBOW DN OR DROP

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	BOTTOM CONNECTION
	TOP CONNECTION
	UNION SCREWED
	PIPE SLEEVE
	WATERPROOF PIPE SLEEVE
	NON FREEZE WALL HYDRANT
	VALVE ON PIPE RISE
	BACK FLOW PREVENTER
	DOUBLE CHECK DETECTOR ASSEMBLY (FIRE PROTECTION)
	REDUCED PRESSURE ZONE VALVE ASSEMBLY (FIRE PROTECTION)
	DOUBLE CHECK ASSEMBLY (FIRE PROTECTION)
	CHECK VALVE
	GATE VALVE
	BALL VALVE
	GAS VALVE
	GLOBE VALVE
	PRESSURE REDUCING VALVE
	TEMPERATURE & PRESSURE RELIEF VALVE
	PRESSURE REGULATING VALVE
	THERMOSTATIC MIXING VALVE
	VALVED CAPPED OUTLET
	CURB VALVE
	SOLENOID VALVE
	OUTSIDE STEM AND YOKE VALVE
	OUTSIDE STEM AND YOKE VALVE W/ TAMPER SWITCH
	STRAINER
	PRESSURE GAUGE
	HOSE BIB
	VACUUM BREAKER
	THERMOMETER
	PUMP
	CIRCULATOR PUMP
	SCHEMATIC PUMP
	FLOOR SINK
	VENT THRU ROOF
	METER
	FILTER
	FAI
	VENT INCREASER

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title Abbreviations, Symbols, and Legends

Date 11/06/20

Scale Not to Scale

Drawing Number P-A-001

Sheet Size ARCH D

PLUMBING NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
2. CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION.
3. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKPERSON LIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND FUNCTIONAL.
4. NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE NEW WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANT'S COST, AT DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH THEIR APPROVAL.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH BUILDING MANAGEMENT FOR HANDLING MATERIALS, AS WELL AS FOR ALLOWABLE WORKING HOURS AND DELIVERIES.
6. PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH RESPECT TO ALL OTHER TRADES, INCLUDING STRUCTURE AND CEILING HEIGHTS. CONTRACTOR SHALL COORDINATE ALL WORK WITH ARCHITECTURAL LAYOUTS, INCLUDING CEILING HEIGHTS.
7. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND MANUFACTURERS' CUTS AND SAMPLES TO ARCHITECT PRIOR TO COMMENCEMENT OF SUCH WORK.
8. CONTRACT DRAWINGS ARE NOT TO BE SCALED.
9. CONTRACTOR SHALL COMPLY WITH ALL NEW YORK STATE AND LOCAL BUILDING DEPARTMENT AND REGULATORY AGENCIES AND CODE REQUIREMENTS. BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS OF ALL TRADES.
10. CONTRACTOR SHALL CARRY AND DOCUMENT LIABILITY, ACCIDENT AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY COOPERATIVE CORPORATION AND OBSERVE THEIR PERMITTED HOURS FOR WORK.
11. CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS, SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTOR'S WORKPERSONS, SUBCONTRACTORS OR AGENTS, AND SHALL BE RESPONSIBLE FOR REPAIRING, CLEANING OR REPLACING ANY SUCH DAMAGE.
12. ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED.
13. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS UNLESS SPECIFICALLY STATED OTHERWISE. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, APPURTENANCES, EQUIPMENT AND SERVICES TO COMPLETE ALL WORK AS INDICATED ON DRAWINGS AND/OR SPECIFIED ON NOTES.
14. UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FOLLOW MANUFACTURERS' DIRECTIONS WITH APPLICABLE CODES, INSTRUCTIONS AND RECOMMENDATIONS FOR ALL MATERIALS AND PROCESSES USED IN THIS CONTRACT. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
15. UPON COMPLETION OF THE WORK, COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNER'S USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECT'S INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA. MAINTENANCE MANUAL SHALL BE PROVIDED TO THE OWNER.
16. BUILDING DEPARTMENT APPROVED PLANS SHALL BE TURNED OVER TO OWNER AT THE COMPLETION OF THE JOB.
17. AT THE FINAL COMPLETION OF THE JOB, CONTRACTOR SHALL SUBMIT TO THE OWNER AND TO ENGINEER A NOTARIZED AFFIDAVIT STATING COMPLIANCE WITH ALL PROVISIONS OF THIS CONTRACT, INCLUDING ALL NOTES, EXCEPT FOR THOSE CHANGES SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT.
18. VACUUM BREAKER AND RELATED PIPING SHALL BE INSTALLED BEHIND WALL; PROVIDE AN ACCESS PANEL TO THE VACUUM BREAKER. ALL EXPOSED PIPING AT THE PANTRY SHALL BE STEEL WITH CHROME PLATED FINISH.
19. CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED UNDER THIS CONTRACT FOR ONE YEAR, STARTING FROM DATE OF FINAL COMPLETION OF ALL WORK.
20. PROVIDE CLEANOUTS FOR CHANGES IN DIRECTION FOR ALL SANITARY PIPING.
21. CONTRACTOR SHALL COORDINATE ALL FLOOR CORING SLEEVES AND FLOOR OPENINGS WITH STRUCTURAL DRAWINGS.
22. ALL PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS.
23. PLUMBING CONTRACTOR SHALL OBTAIN THE BUILDINGS RULES AND REGULATIONS PRIOR TO BID AND SHALL MEET ALL REQUIREMENTS. NO EXTRA MONEY WILL BE AWARDED FOR ANY WORK PERFORMED AND MATERIAL PURCHASED THAT DOES NOT MEET THE REQUIREMENTS.
24. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
25. PLATFORMS, CURBS, AND FLASHINGS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS, UNLESS NOTED OTHERWISE. COORDINATE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
26. PROVIDE DRAIN DRIP PANS UNDER ALL PLUMBING DRAINAGE PIPING TO BE INSTALLED WITHIN THE ELECTRICAL AND TELEPHONE EQUIPMENT, KITCHEN, PANTRY OR FOOD PREPARATION AND DINING ROOM CEILINGS. PROVIDE TELLTALE DRAINAGE PIPE AND SPILL OVER CLOSET FLOOR DRAIN OR SERVICE SINK.
27. PROVIDE ACCESS DOORS FOR SHUTOFF VALVES, SHOCK ABSORBERS, HOT WATER RETURN BALANCING RIGS, TRAP PRIMERS AND CLEANOUTS.
28. CONTRACTOR TO VERIFY SYSTEM WORKING PRESSURE AND PROVIDE PRESSURE REDUCING VALVES WHERE APPLICABLE.
29. CONTRACTOR TO PROVIDE SHOCK ABSORBERS PRIOR TO ALL QUICK CLOSING VALVES.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

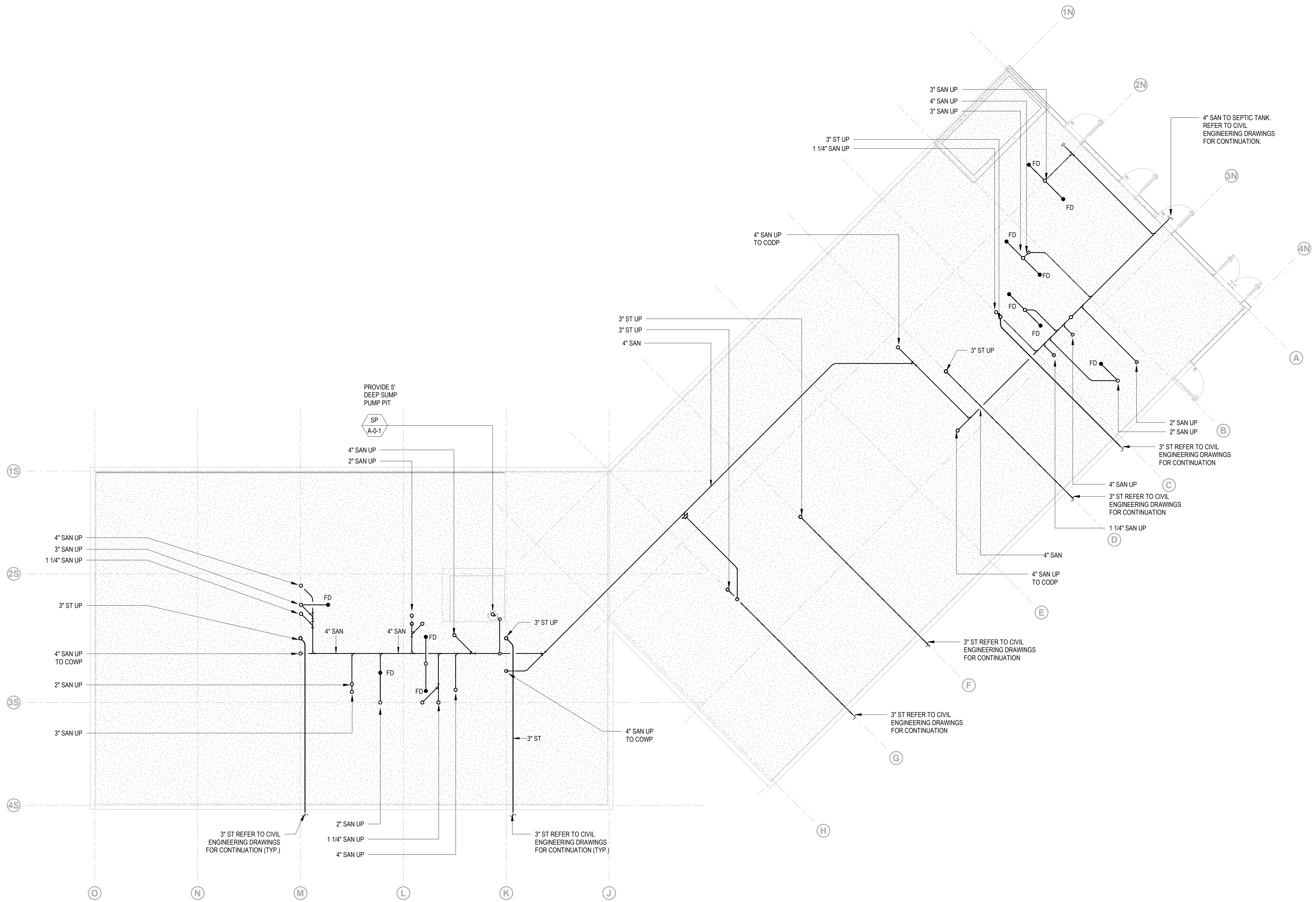
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Drawing Title

General Notes

Date	11/06/20
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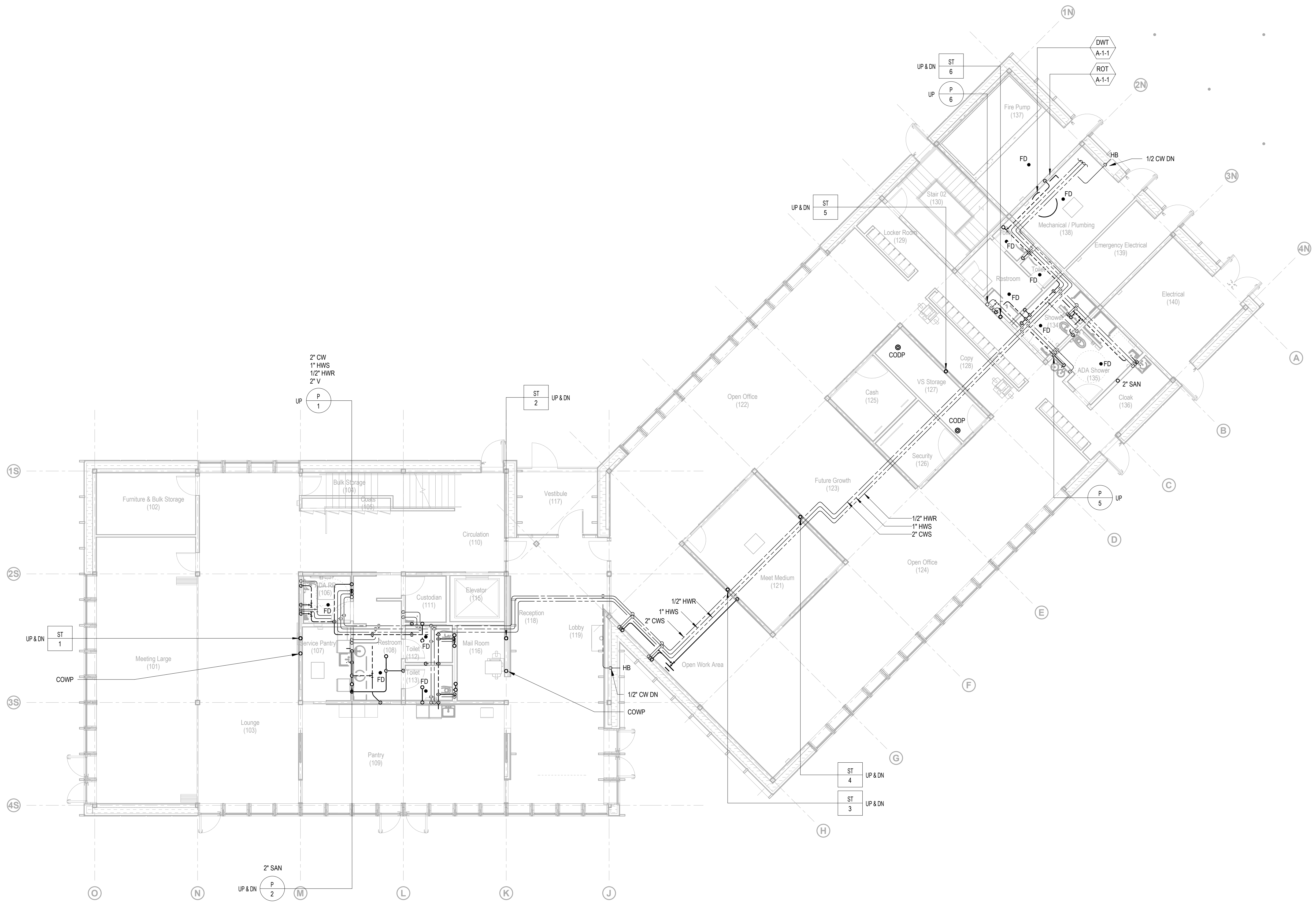
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Project
 Storm King
 Art Center
 Administration
 Building

Seal

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 Drawing Title
 Piping Plan -
 Underslab

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	P-A-100
Sheet Size	ARCH D



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 Drawing Title
 Piping Plan - Ground
 Level

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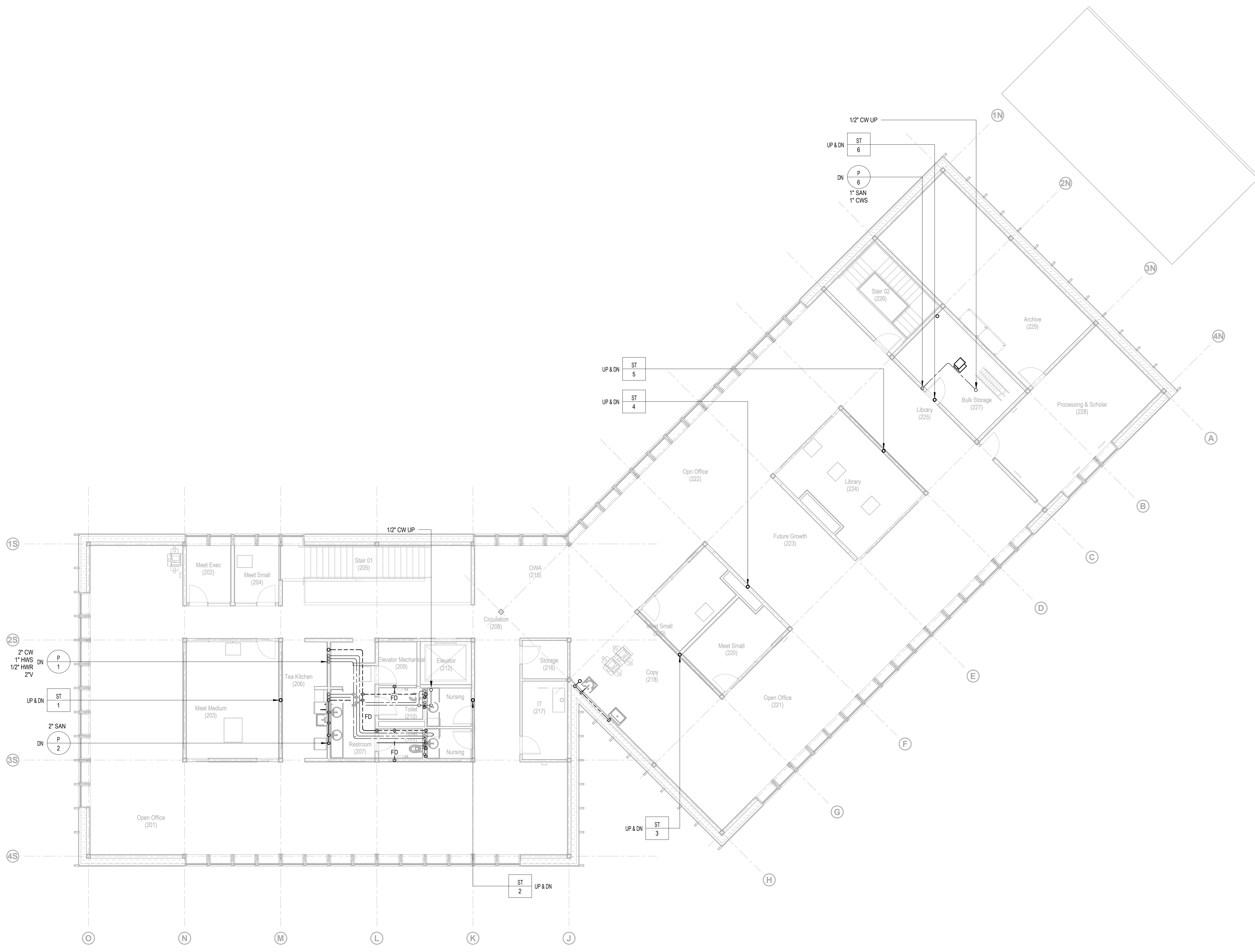
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100% Design Development	05/29/20
50% Construction Documents	11/06/20

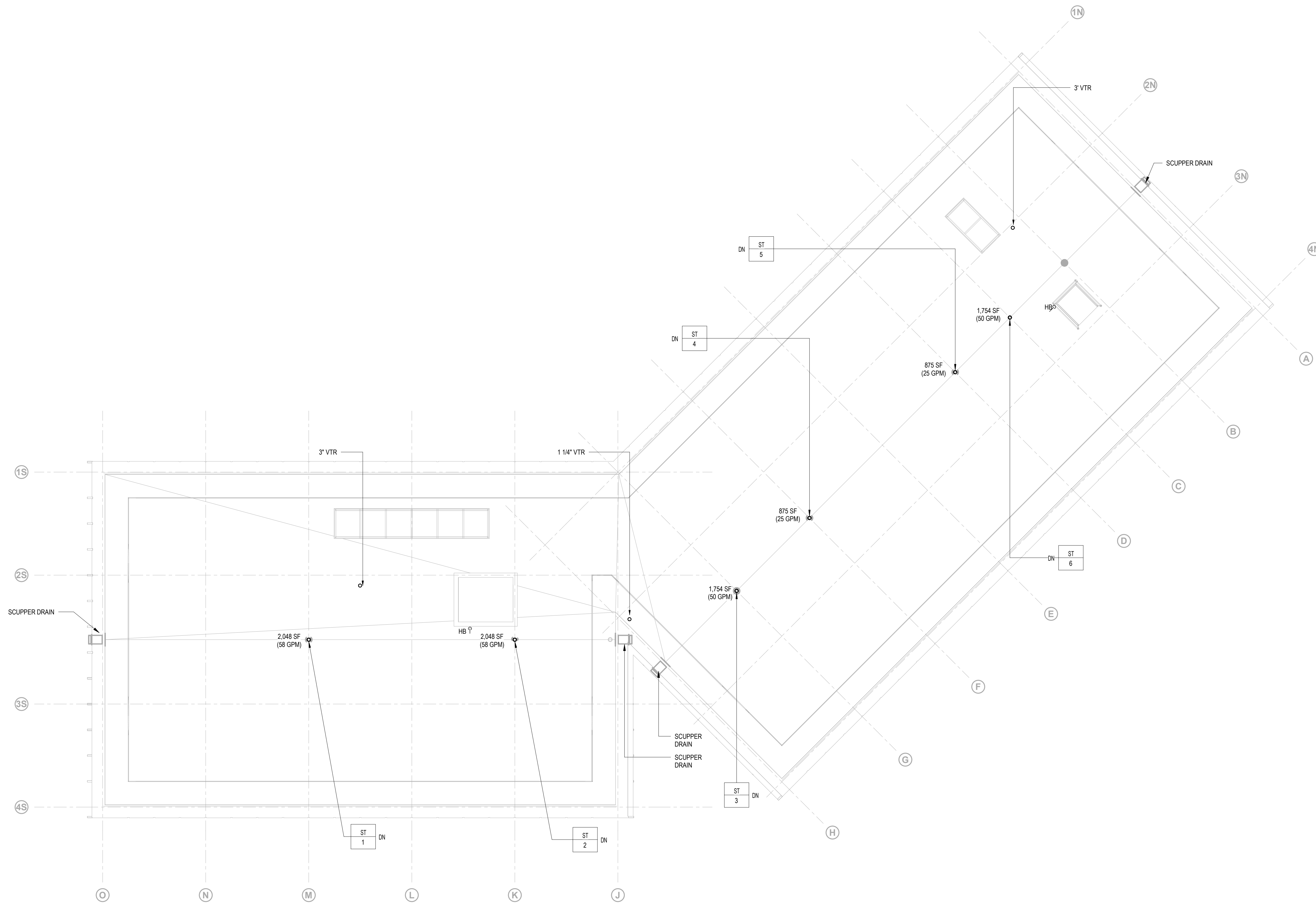
Project
 Storm King
 Art Center
**Administration
 Building**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
**Piping Plan - Second
 Level**

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	P-A-102
Sheet Size	ARCH D





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Key Plan

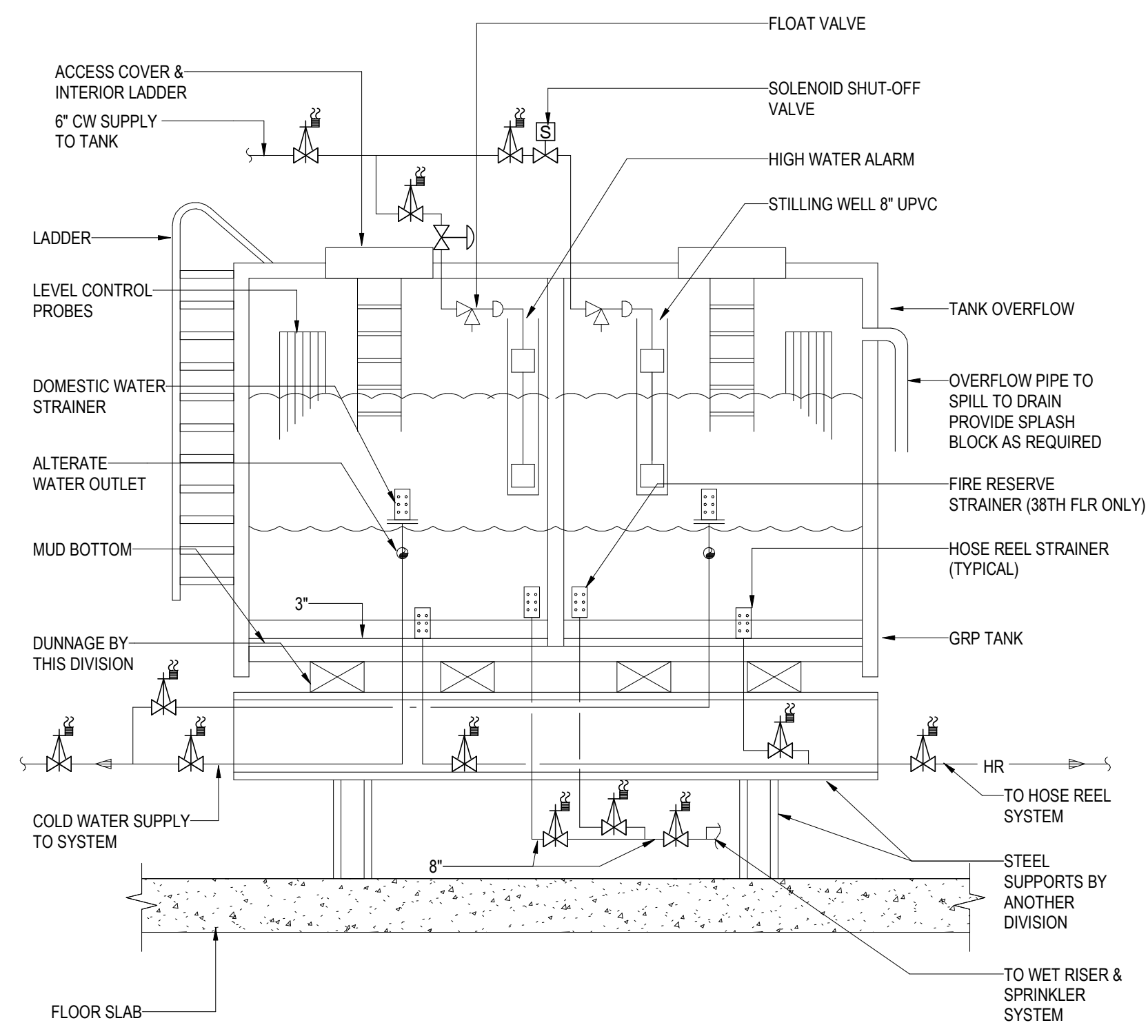
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

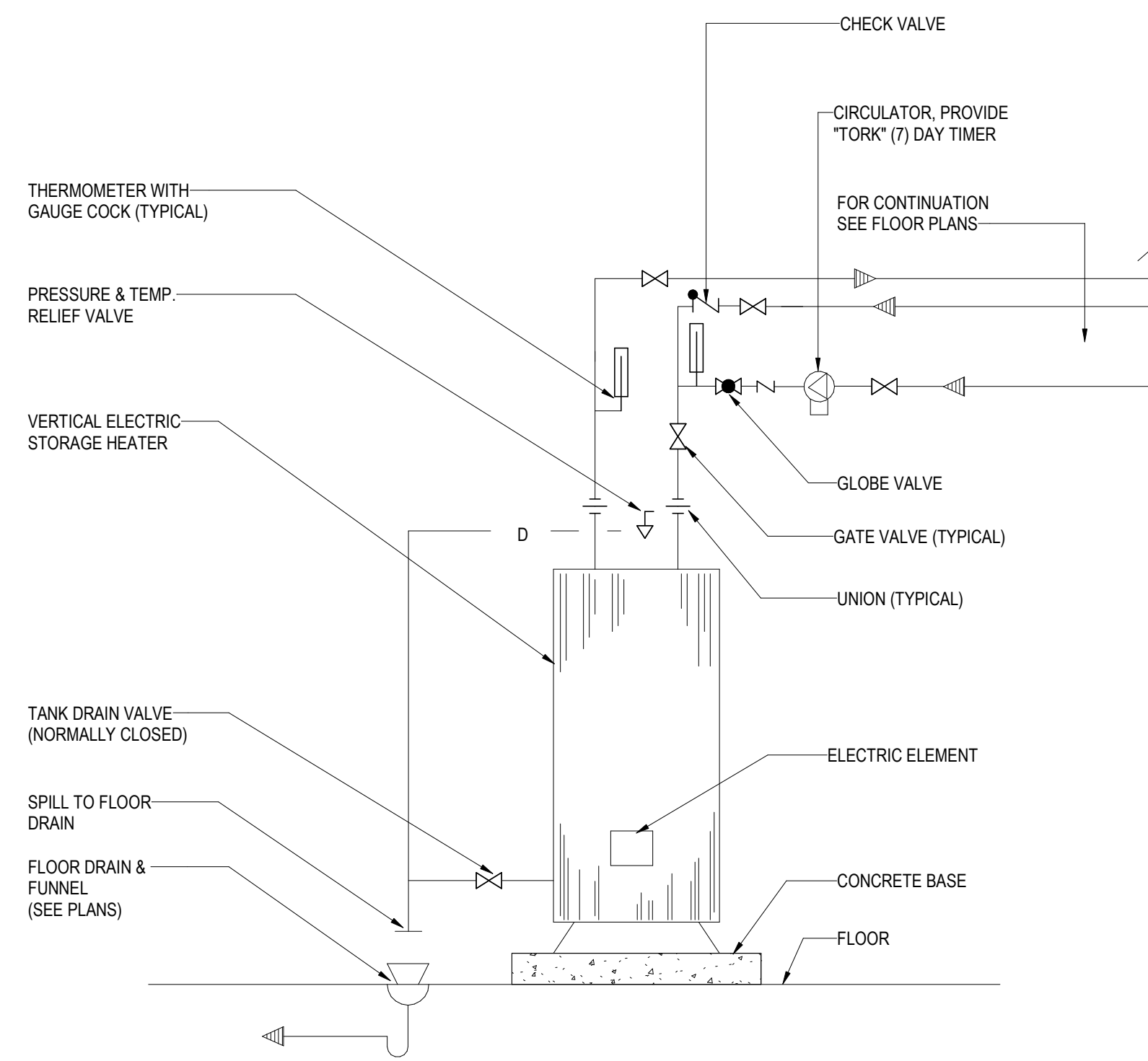
NOT FOR CONSTRUCTION
 Drawing Title
 Piping Plan - Roof
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	P-A-103
Sheet Size	ARCH D

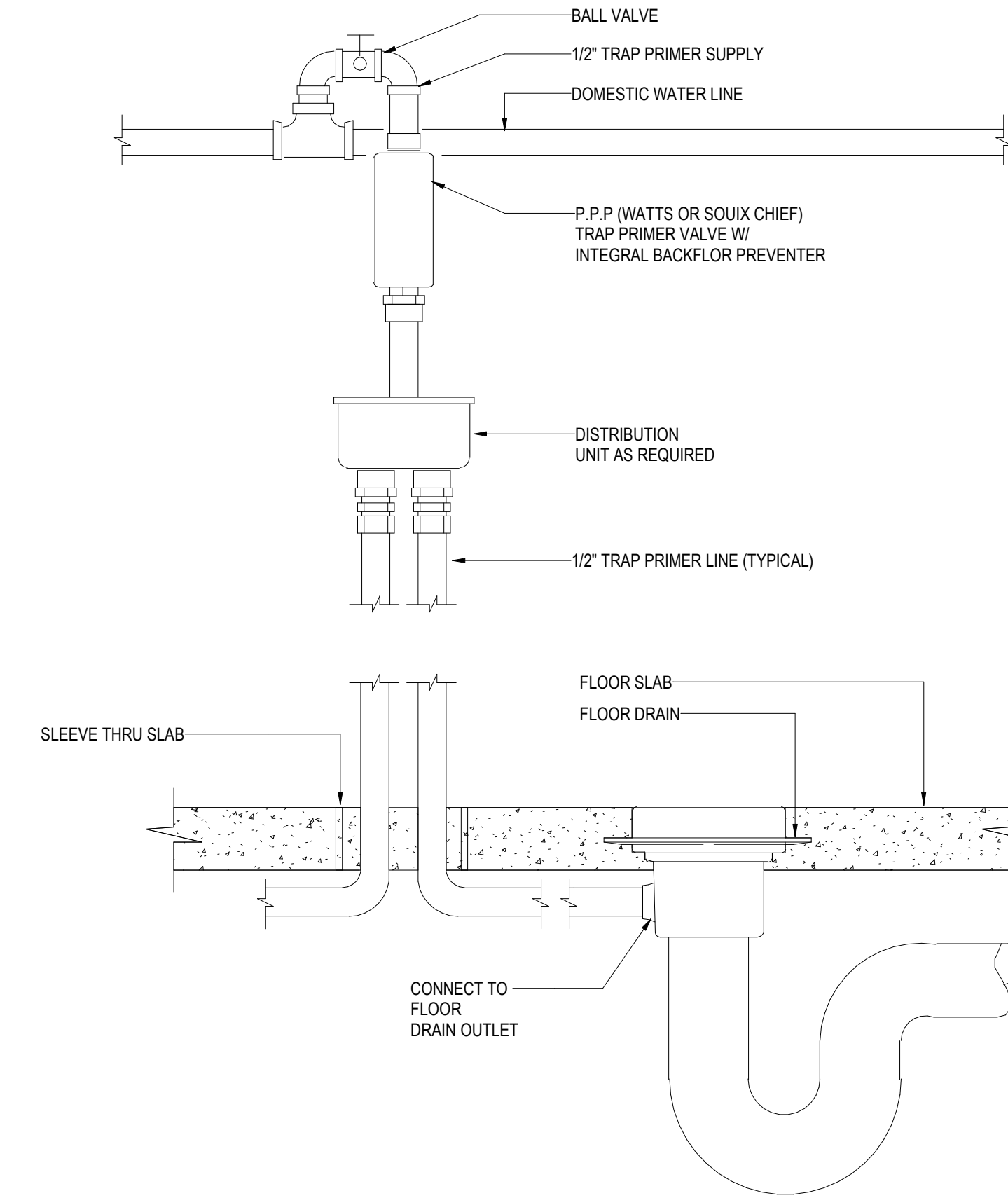


NOTES:
 1. NO DUNNAGE REQUIRED AT 8M1.
 2. PROVIDE TAMPER SWITCHES AT TANKS AT 38TH FLOOR.

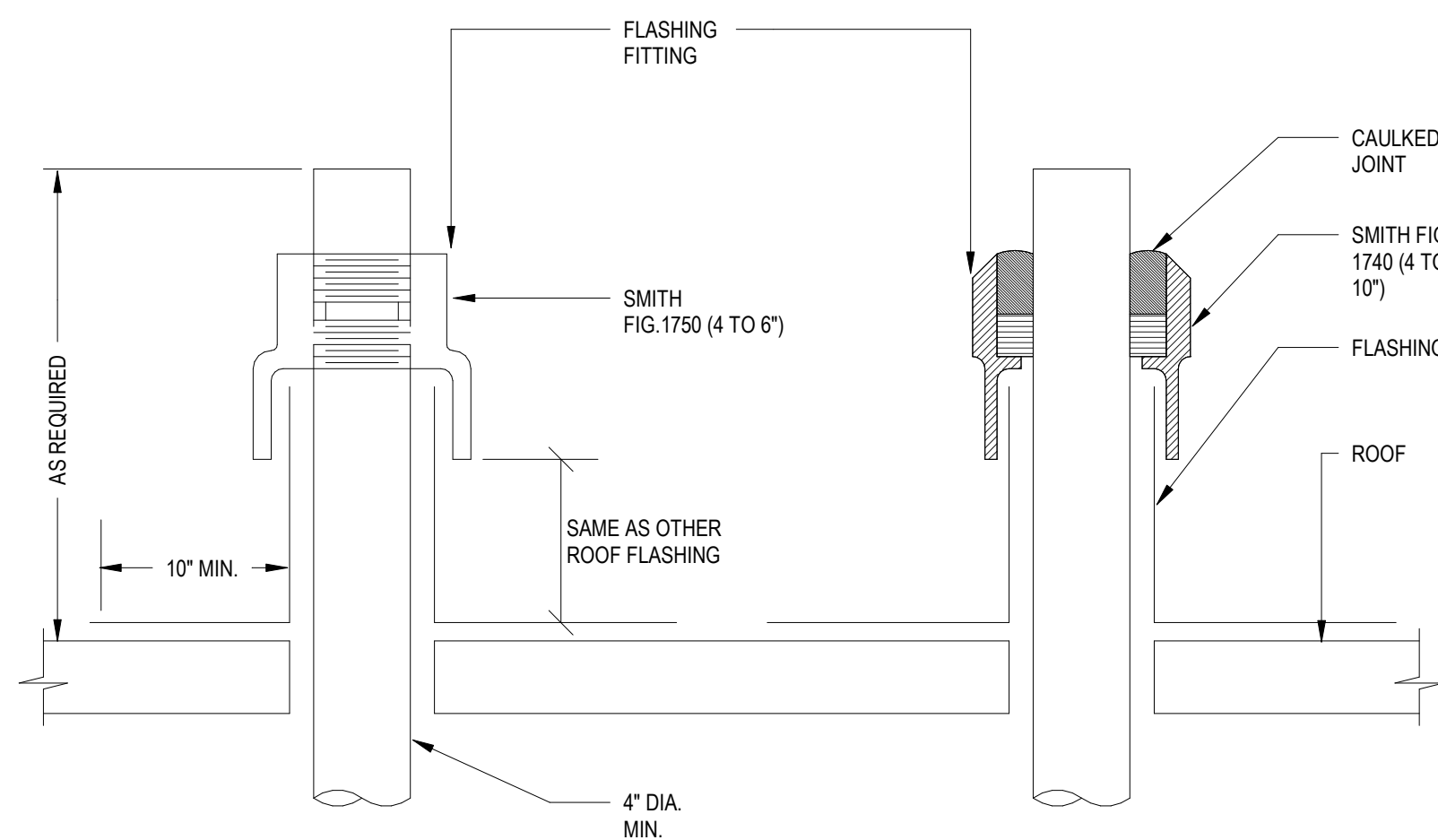
1 GRP DOMESTIC WATER & FIRE RESERVE TANK
 NOT TO SCALE



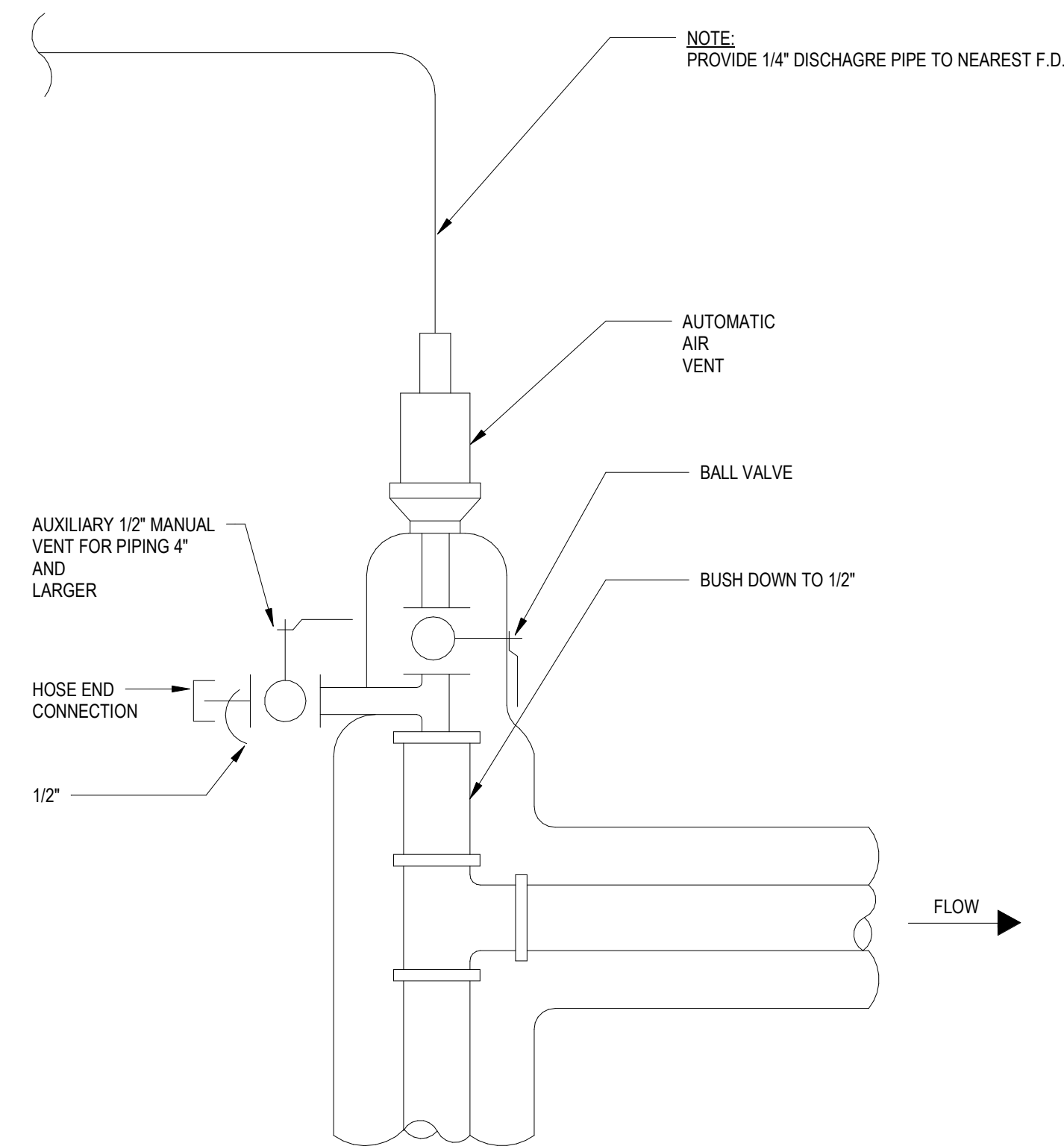
2 ELECTRIC DOMESTIC WATER HEATER W/CIRCULATION
 NOT TO SCALE



3 TRAP PRIMER FOR MECHANICAL ROOM DRAINS
 NOT TO SCALE

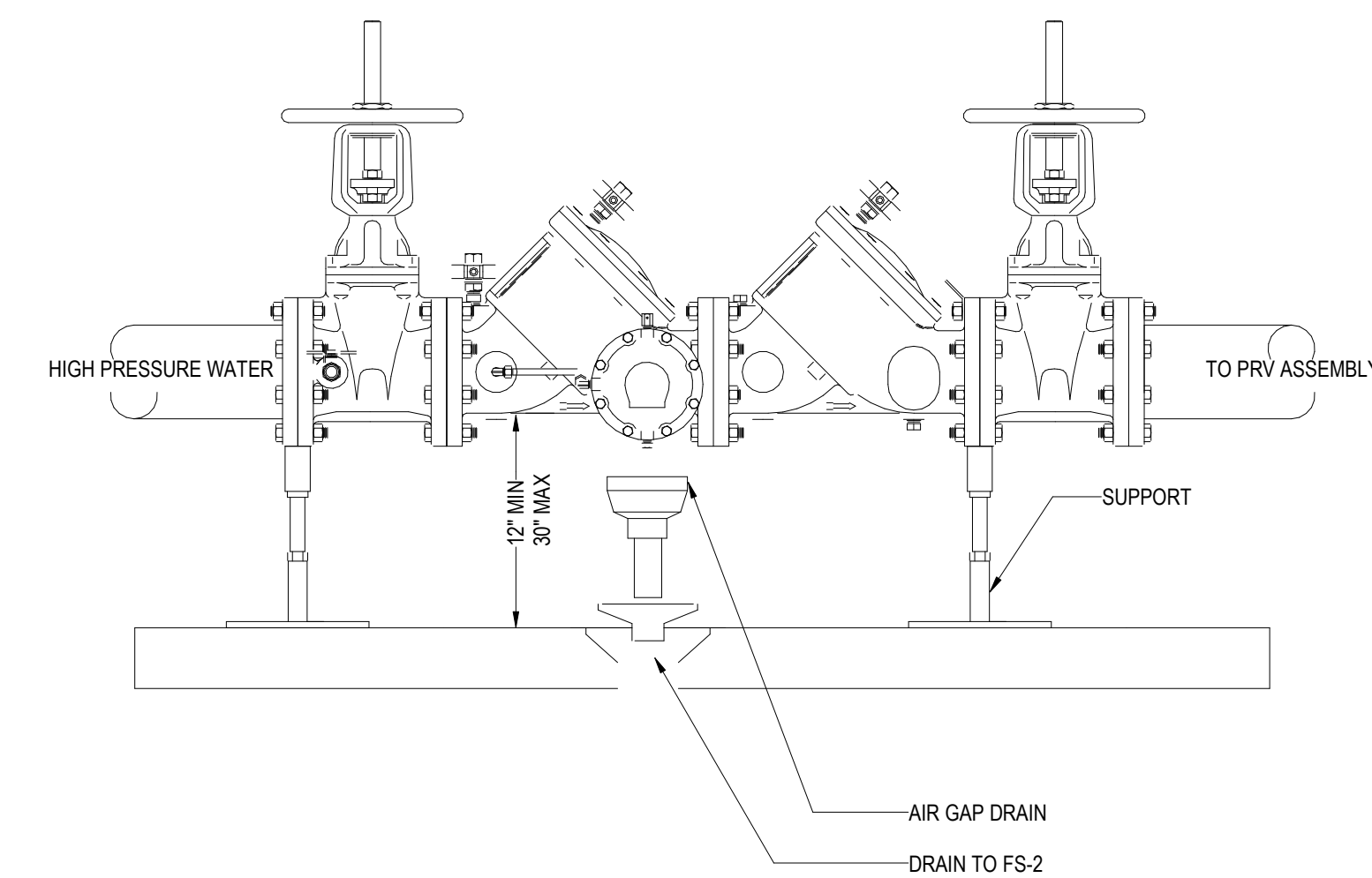


4 FLASHINGS FOR VENT TERMINALS ABOVE ROOF
 NOT TO SCALE



NOTE:
 1. DETAIL TO BE USED AT ALL AUTOMATIC AIR VENT LOCATIONS, INCLUDING AT THE TOP OF ALL PIPE RISERS CONNECTING TO TWO OR MORE FLOORS.
 2. AAV TO BE INSTALLED AT

5 AUTOMATIC AIR VENT
 NOT TO SCALE



NOTE:
 1. BACKFLOW PREVENTOR TO BE PAINTED HUNTER GREEN 4372 OR HUNTER GREEN 085F.
 2. TO BE INSTALLED PER WATER SERVICE STANDARD SPECIFICATION W-221A.
 3. PROPER SCREENING OF BACKFLOW PREVENTION DEVICE SHALL COMPLY WITH WATER SERVICE STANDARD SPECIFICATION SECTION 4-10.
 4. BACKFLOW PREVENTION DEVICE SHOULD BE LEAD FREE.

6 BACKFLOW PREVENTER
 NOT TO SCALE

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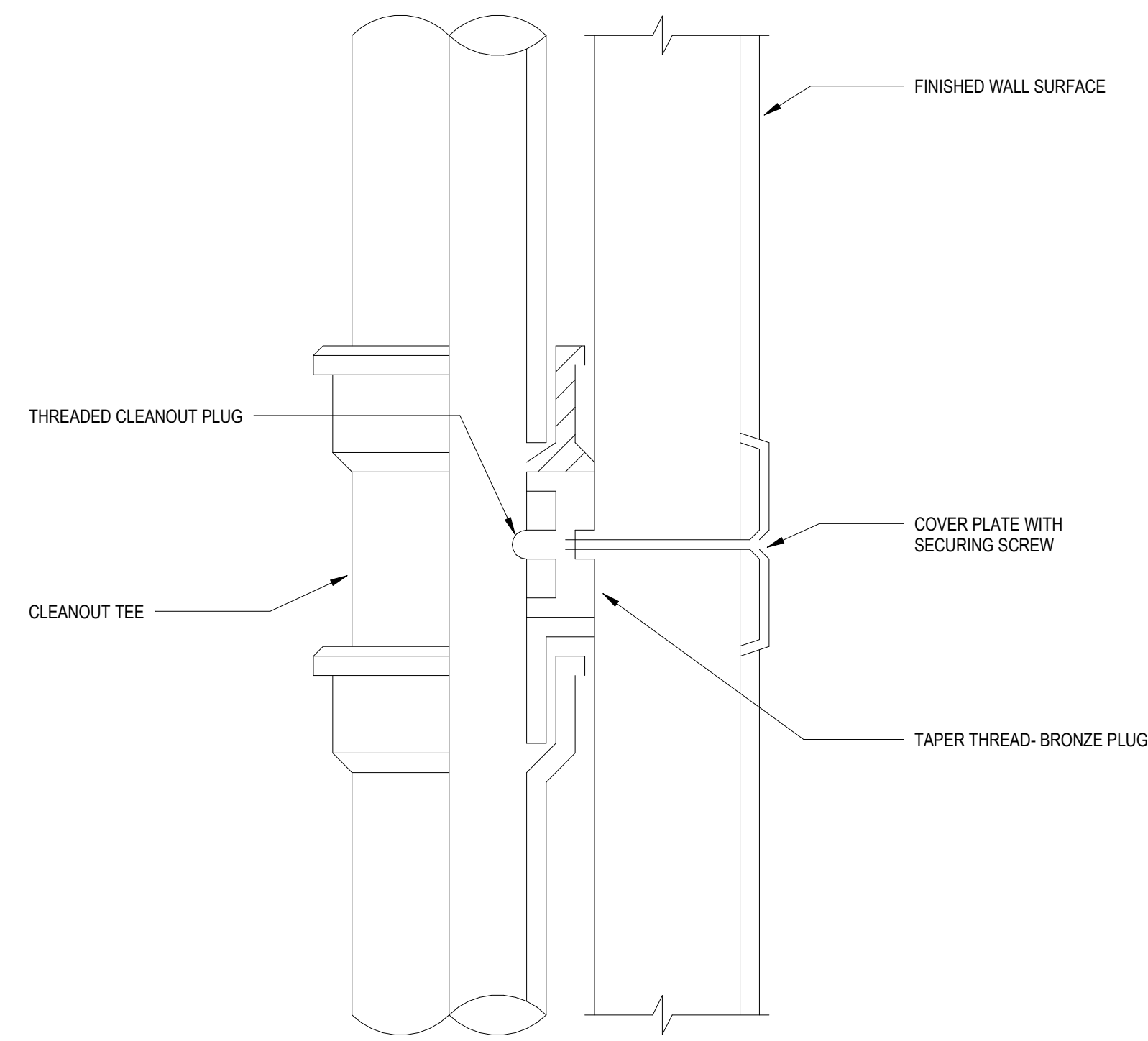
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

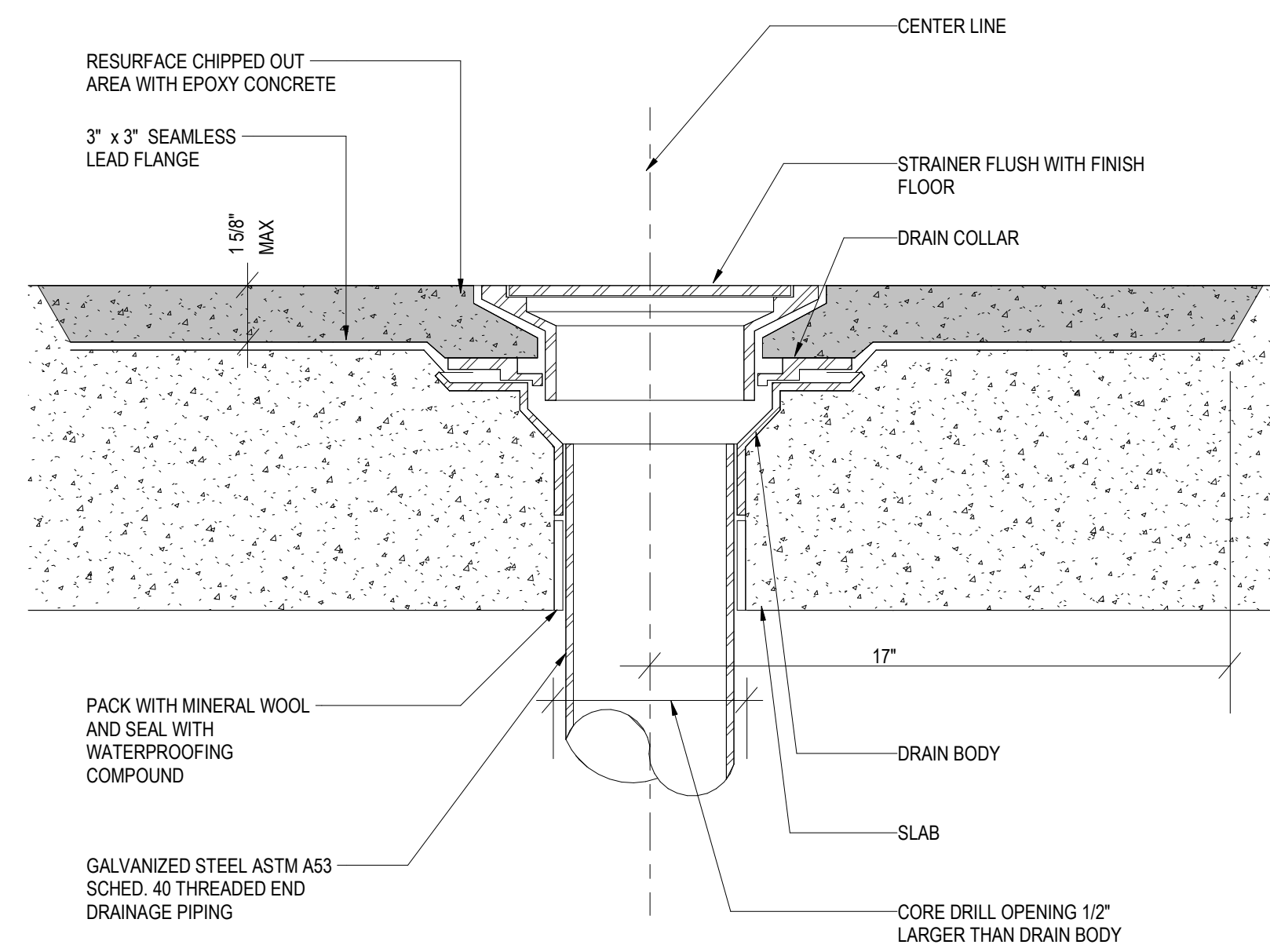
NOT FOR CONSTRUCTION
 Drawing Title
 Plumbing Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	P-A-501
Sheet Size	ARCH D



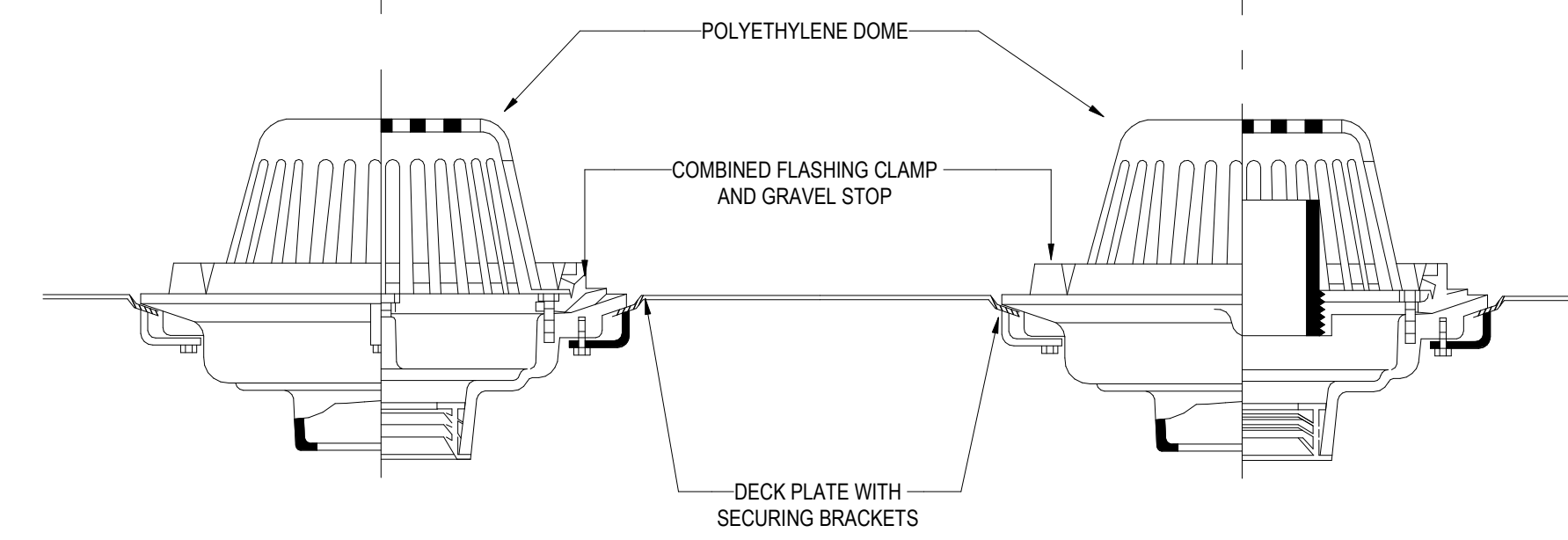
NOTE:
ACCESS PANELS SHALL BE PROVIDED ON ALL VERTICAL FOUL DRAINAGE STACKS AT 4' (1200MM) ABOVE EACH FINISHED FLOOR LEVEL, TO THE CENTERLINE OF THE CLEANOUT.

1 CLEANOUT CONCEALED
NOT TO SCALE

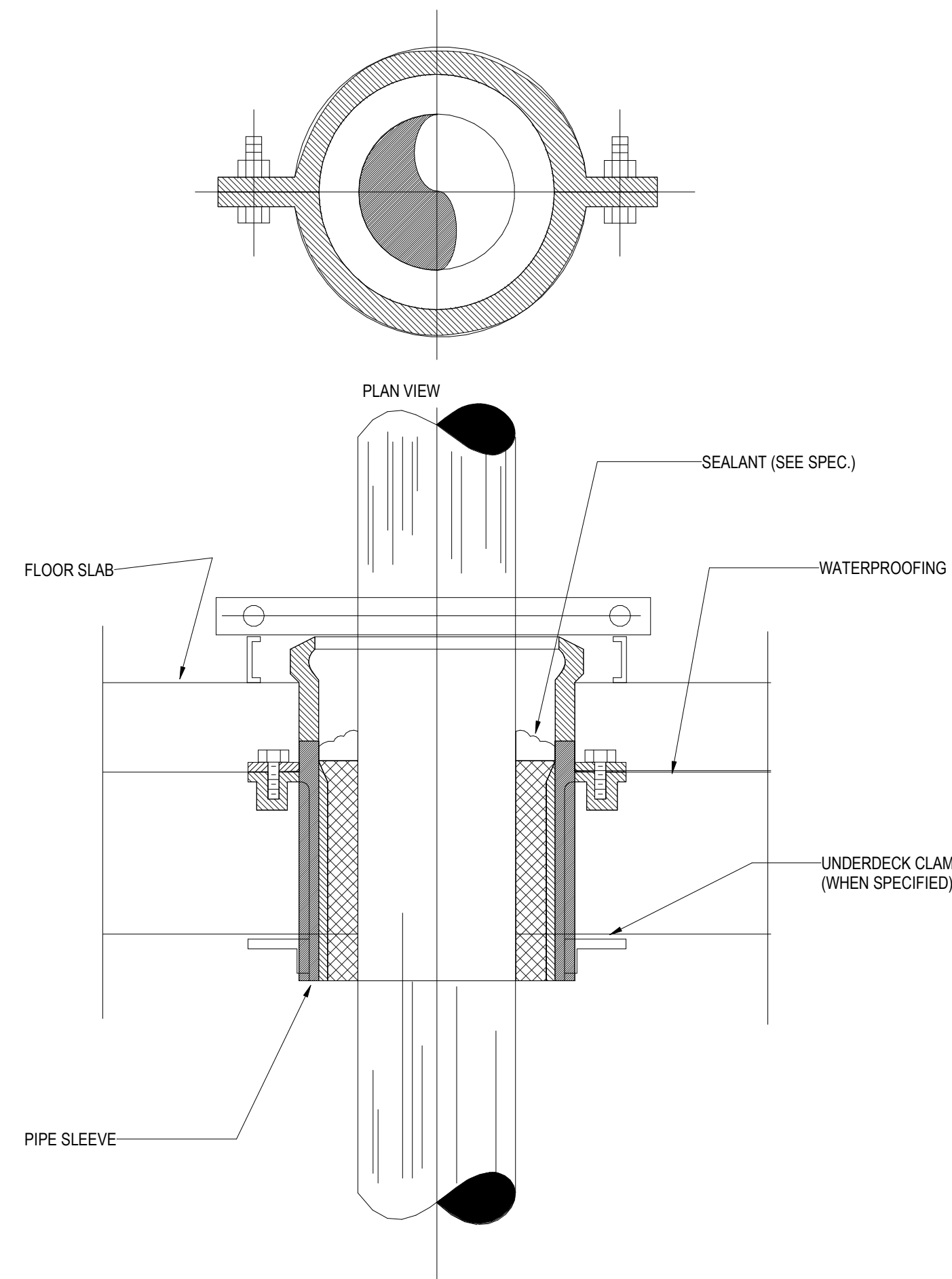


NOTES:
1. WATERPROOF EXISTING FLOOR OF ROOM WHERE FLOOR DRAIN IS TO BE LOCATED USING THOROSEAL SEALANT OR APPROVED EQUAL.

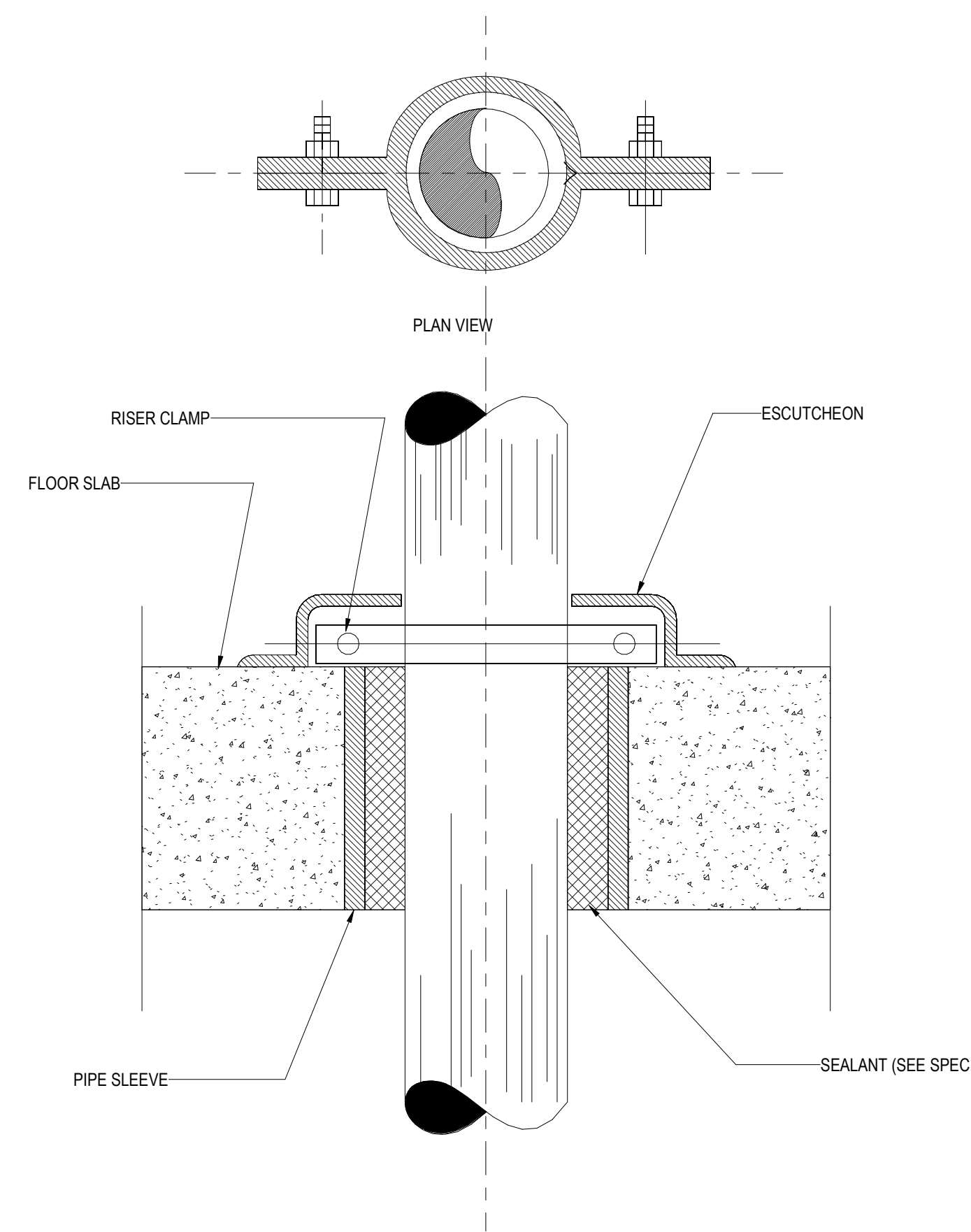
2 TYPICAL FLOOR DRAIN INSTALLATION
NOT TO SCALE



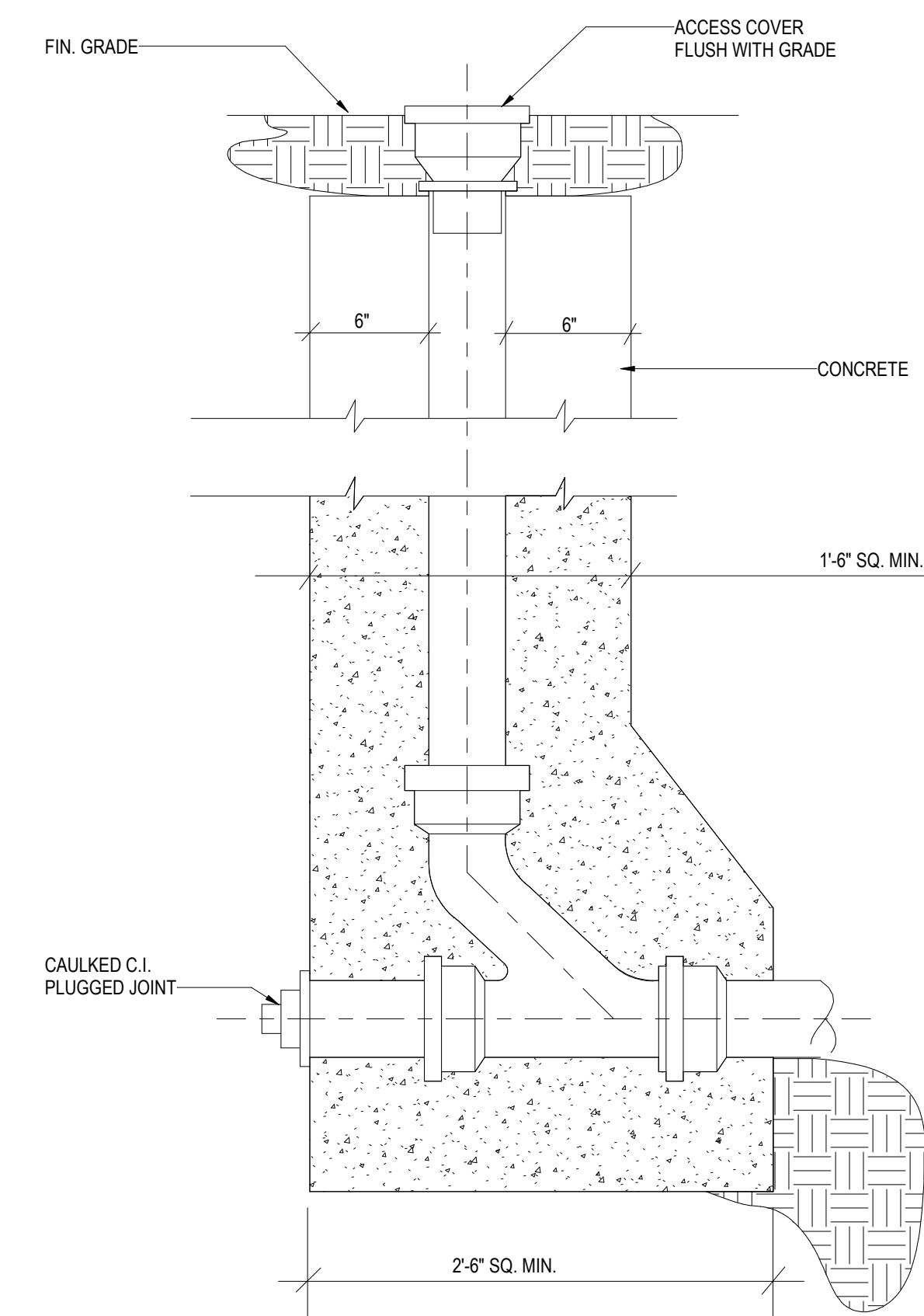
3 ROOF DRAIN AND OVERFLOW DRAIN
NOT TO SCALE



4 PIPE SLEEVE THRU WATERPROOF FLOOR SLAB
NOT TO SCALE



5 PIPE SLEEVE THRU EXPOSED FLOOR SLAB
NOT TO SCALE



6 OUTSIDE BUILDING GRADE CLEANOUT
NOT TO SCALE

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Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

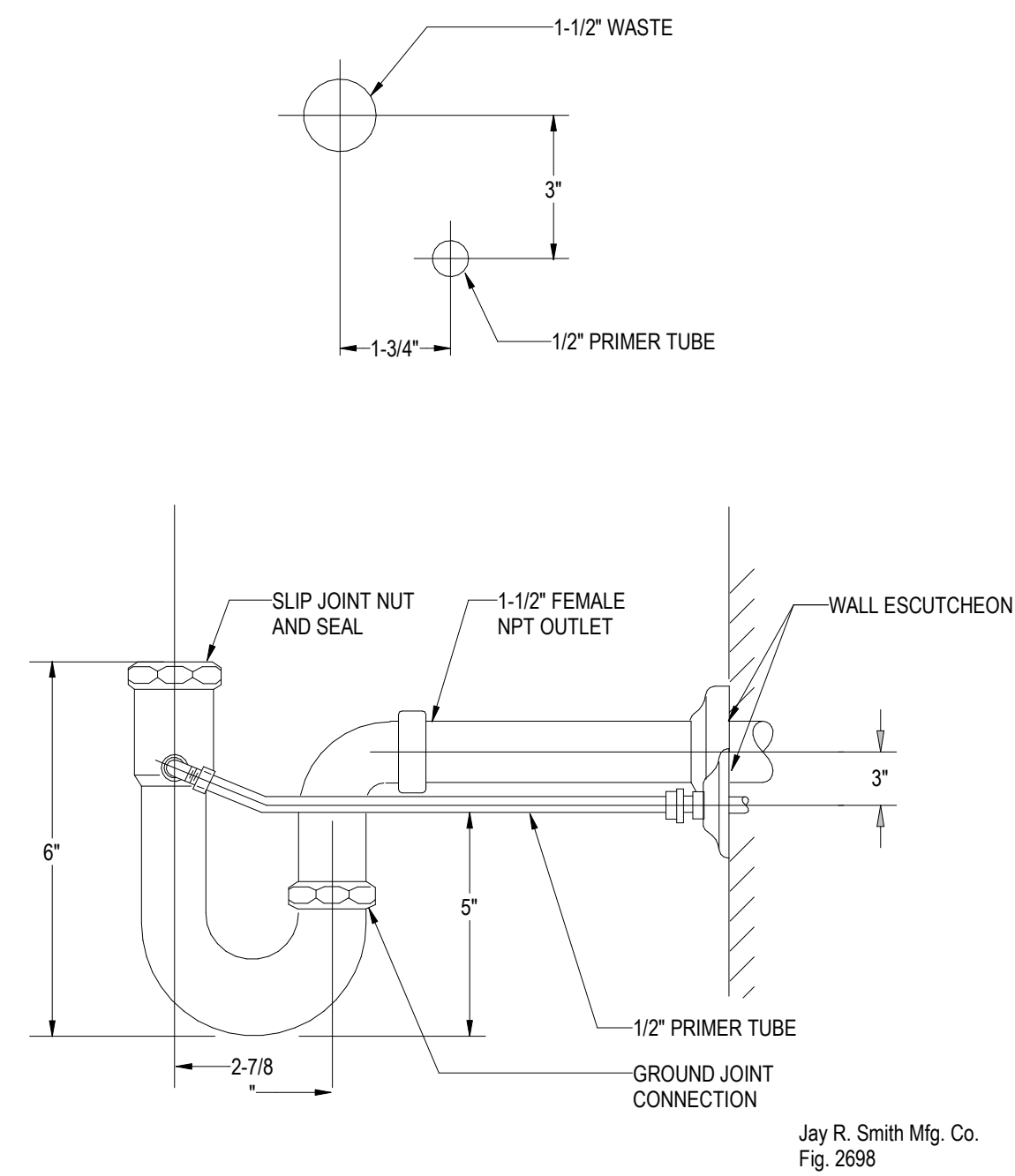
Drawing Title
Plumbing Details

Date 11/06/20

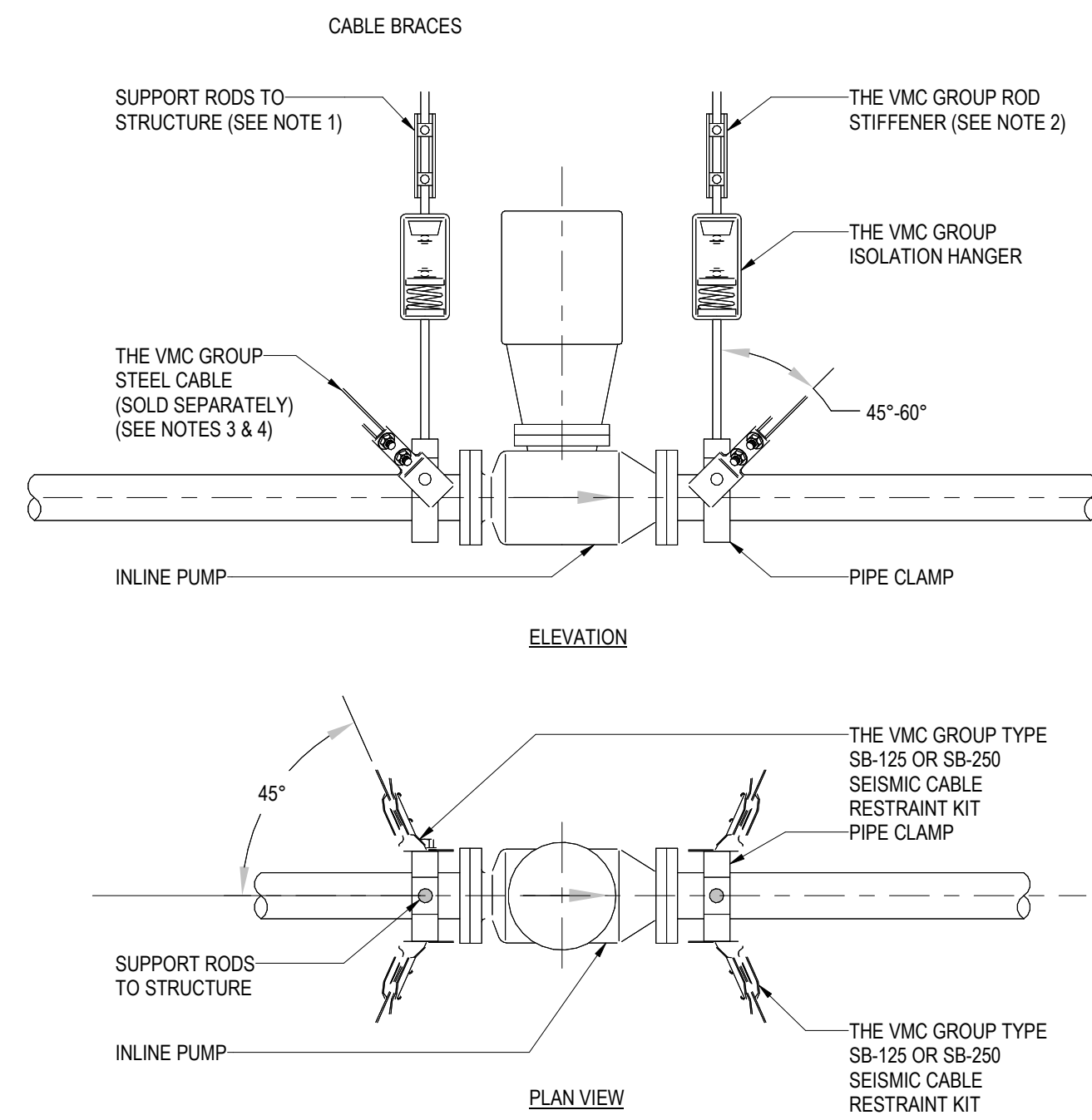
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Sheet Size ARCH D

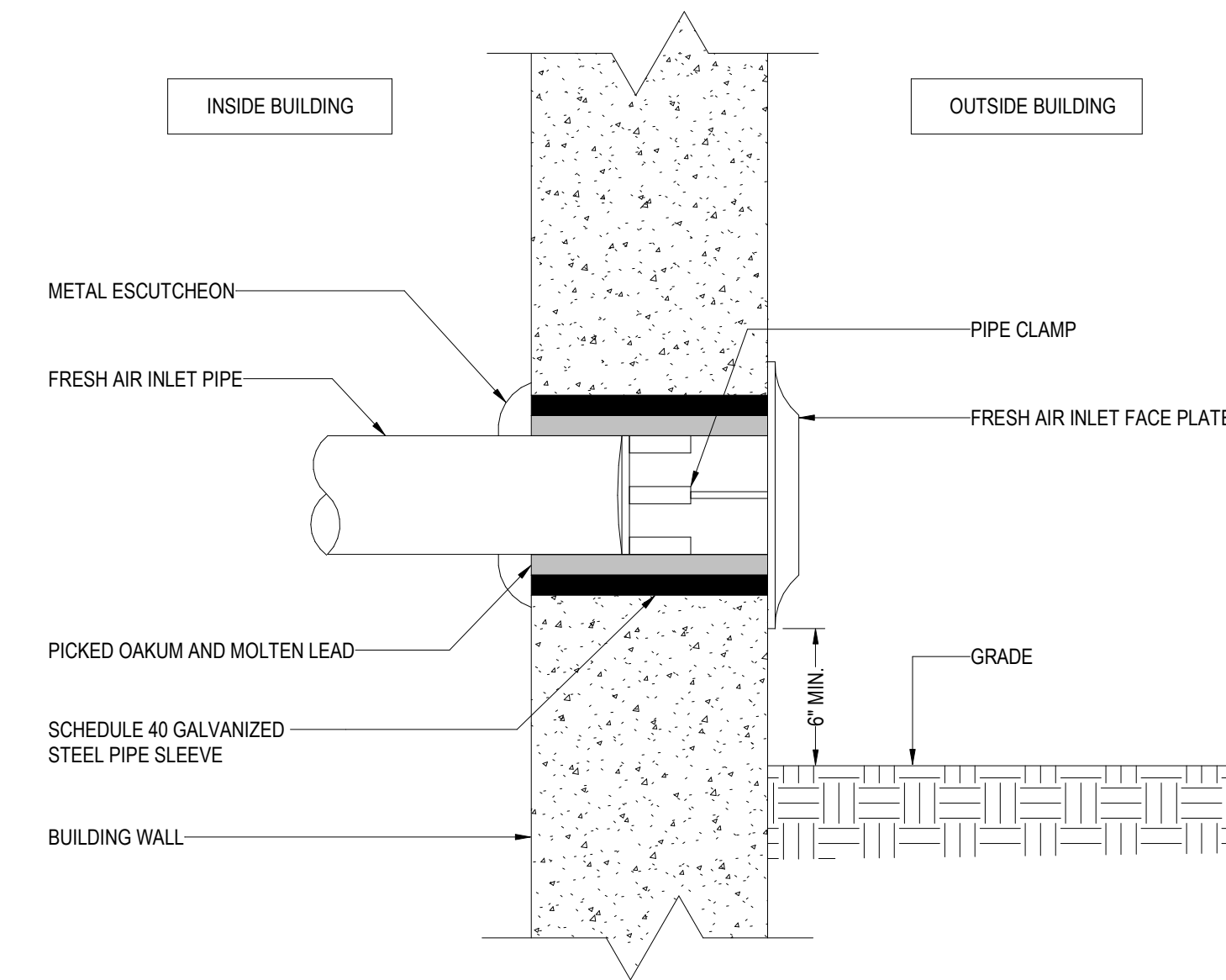


1 PRIM-EZE WATER SAVER
NOT TO SCALE

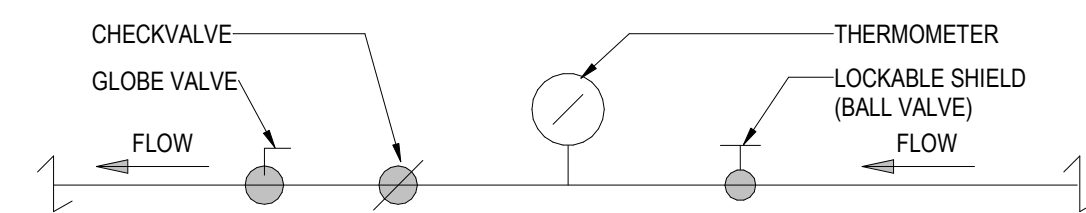


- NOTES:
- DOUBLE-SIDED BEAM CLAMP ATTACHMENTS AT SEISMIC RESTRAINT LOCATIONS.
 - FOR APPLICABILITY OF THE VMC GROUP SRBC (SEISMIC ROD BRACING CLAMP REFER TO SGMEC-190).
 - SLACK CABLE 1/2" IN CENTER IF DUCT IS ISOLATED.
 - FOR DETAILS OF CONNECTION, REFER TO SGMEC-191 OR -193
 - APPLICATION USED WITH 1/8" & 1/4" CABLE ONLY.

2 INLINE PUMPS
NOT TO SCALE

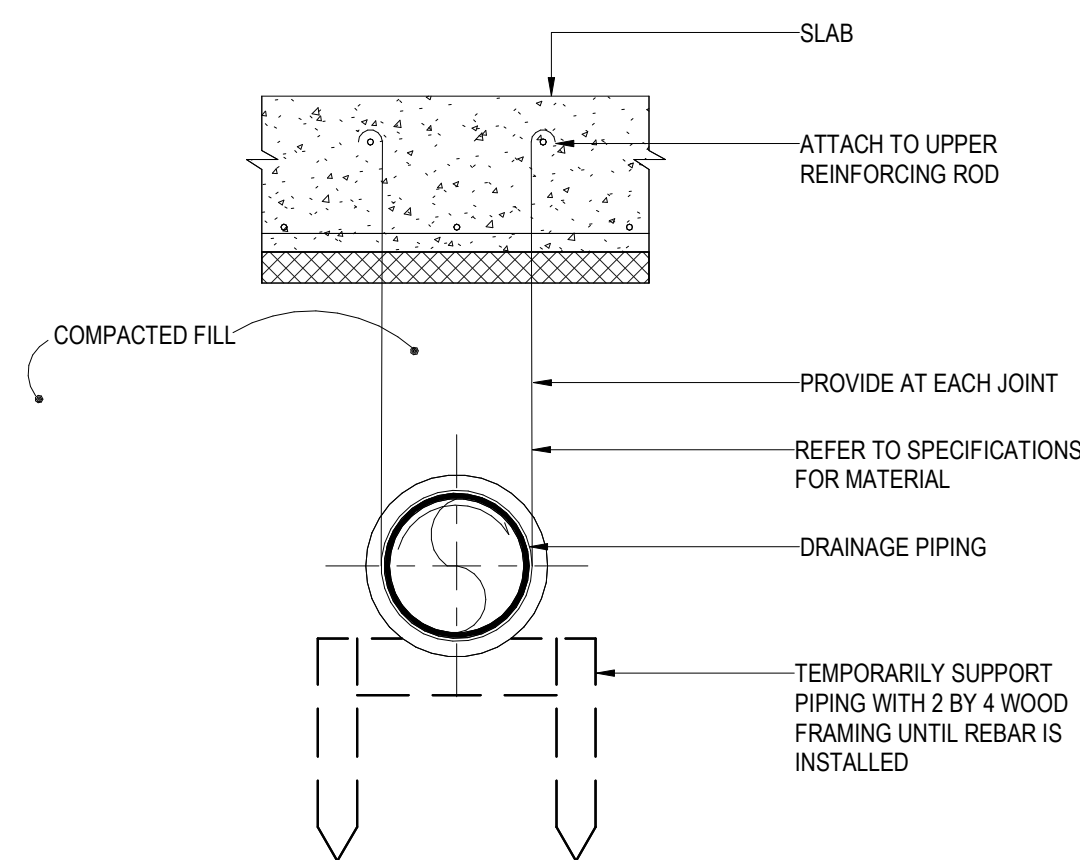


3 FAI
NOT TO SCALE



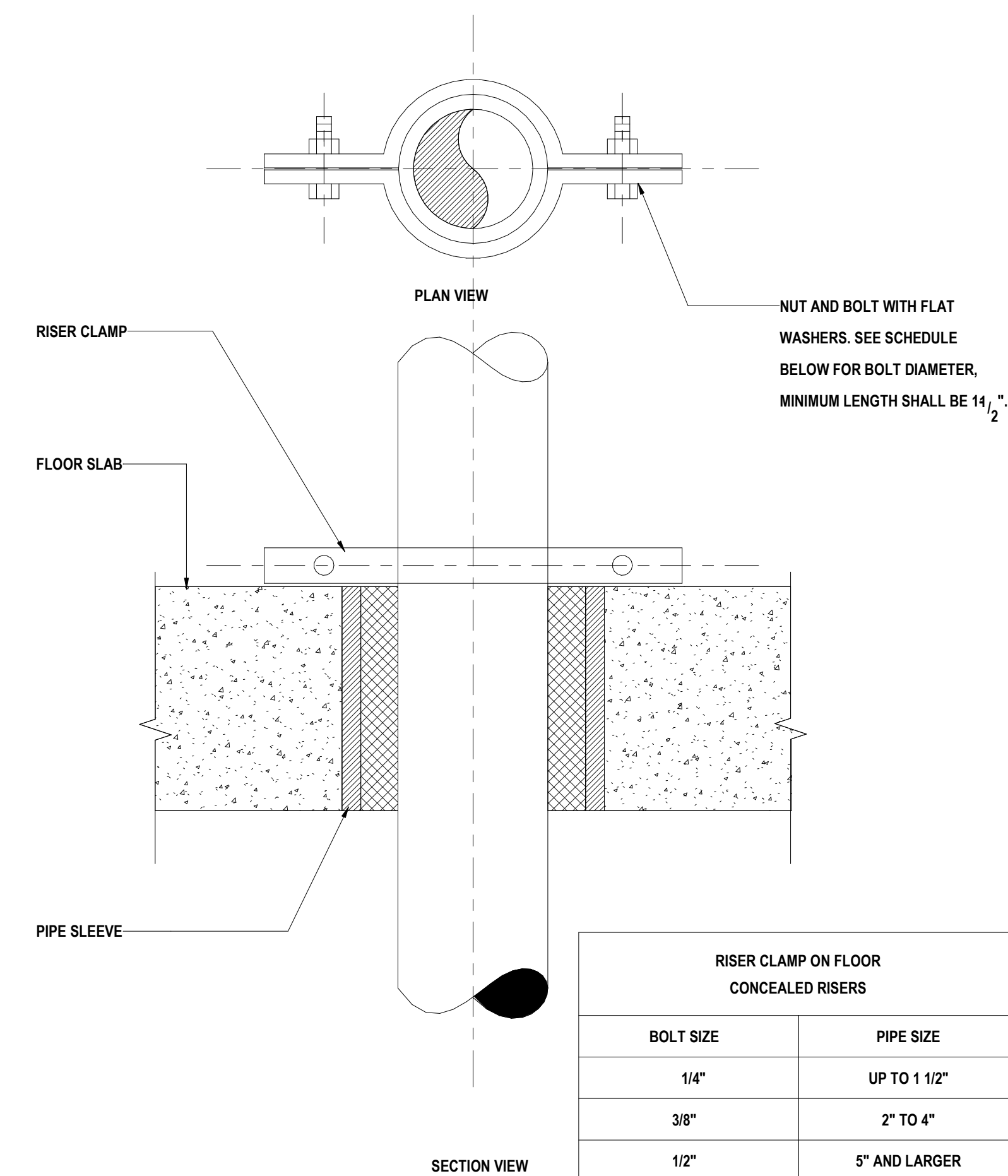
PROCEDURE FOR BALANCING HOT WATER RETURN PIPING

- IN ORDER TO BALANCE HOT WATER RETURN TEMPERATURES IN THE RETURN PIPING THIS IS THE PROCEDURE TO BE FOLLOWED:
BEFORE A RETURN CIRCULATION SYSTEM IS PUT INTO SERVICE, IT SHOULD BE ADJUSTED FOR RETURN LINE TEMPERATURE BALANCE UNDER CONDITIONS WHEREBY NO WATER IS DRAWN AT FIXTURE OUTLETS. THE ADJUSTMENT PROCEDURE IS SIMPLE AND MAY BE ACCURATELY DONE USING THERMOMETERS. FIRST, CLOSE ALL BALANCING VALVES SO THAT ALL CIRCULATION GOES THROUGH BRANCH 1. THEN, OPEN THE BALANCING VALVE ON BRANCH 2 TO THE DEGREE NECESSARY SO THAT IT RETURNS WATER CONSTANTLY AT THE SAME TEMPERATURE AS BRANCH 1. SIMILARLY, ADJUSTMENT MAY BE MADE WITH BALANCING VALVE ON ANY OTHER RISERS OR BRANCHES SO THAT ALL RETURN WATER IS AT THE SAME TEMPERATURE.
- CONTRACTOR, AT THE END OF THE PROJECT, TO SUBMIT A REPORT FOR RECORD TO THE ENGINEER THAT THE HOT WATER RETURN CIRCULATION SYSTEM HAS BEEN BALANCED PROPERLY.



PIPE DIAMETER	ROD DIAMETER
UP TO 2IN.	3/8 IN.
2-1/2" - 4IN.	1/2 IN.
5 AND 6IN.	5/8 IN.

5 UNDERGROUND BELOW SLAB
NOT TO SCALE



RISER CLAMP ON FLOOR CONCEALED RISERS	
BOLT SIZE	PIPE SIZE
1/4"	UP TO 1 1/2"
3/8"	2" TO 4"
1/2"	5" AND LARGER

6 RISER SUPPORT DETAIL
NOT TO SCALE

4 HW BALANCING VALVE
NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

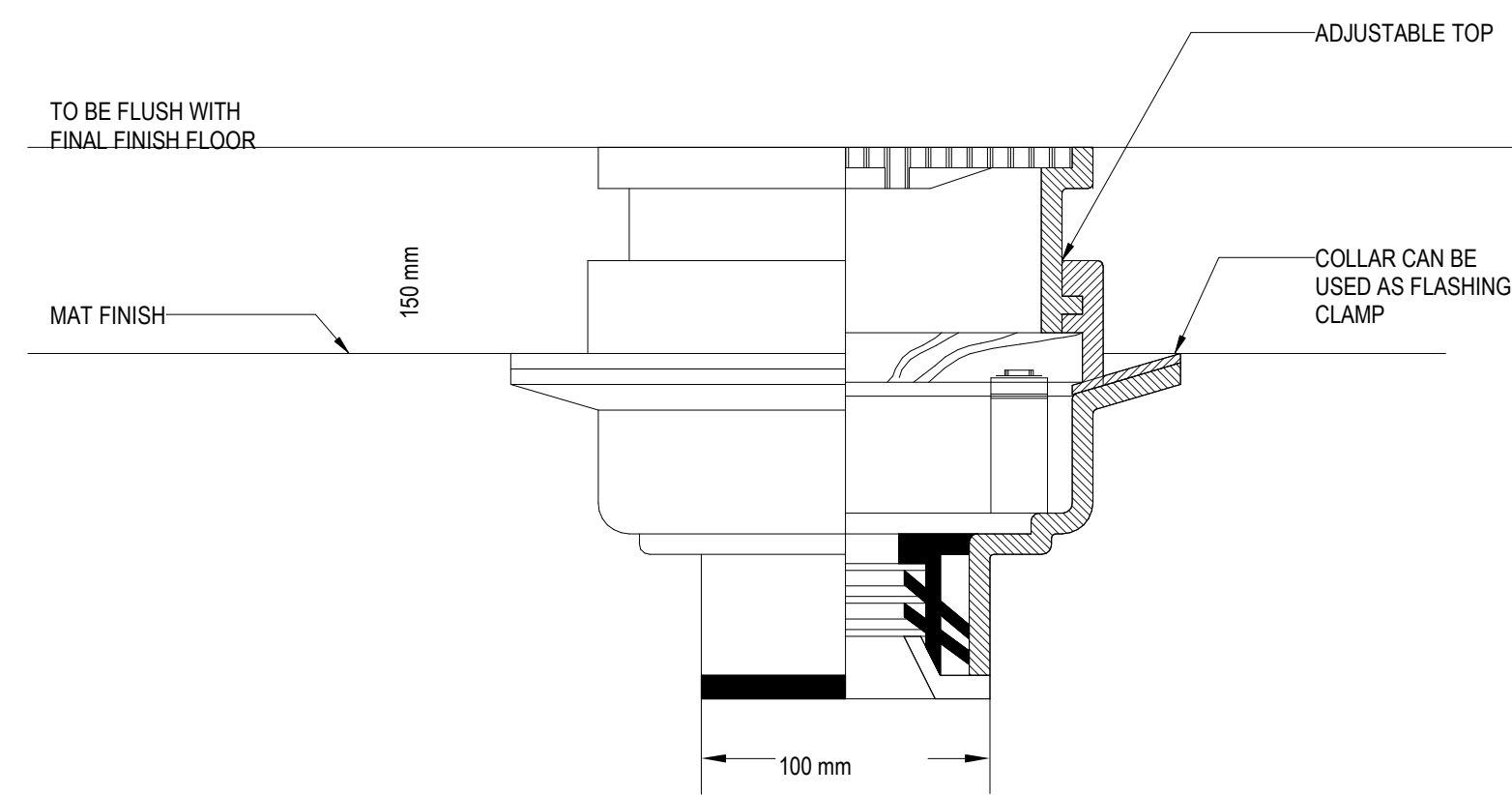
Drawing Title
Plumbing Details

Date 11/06/20

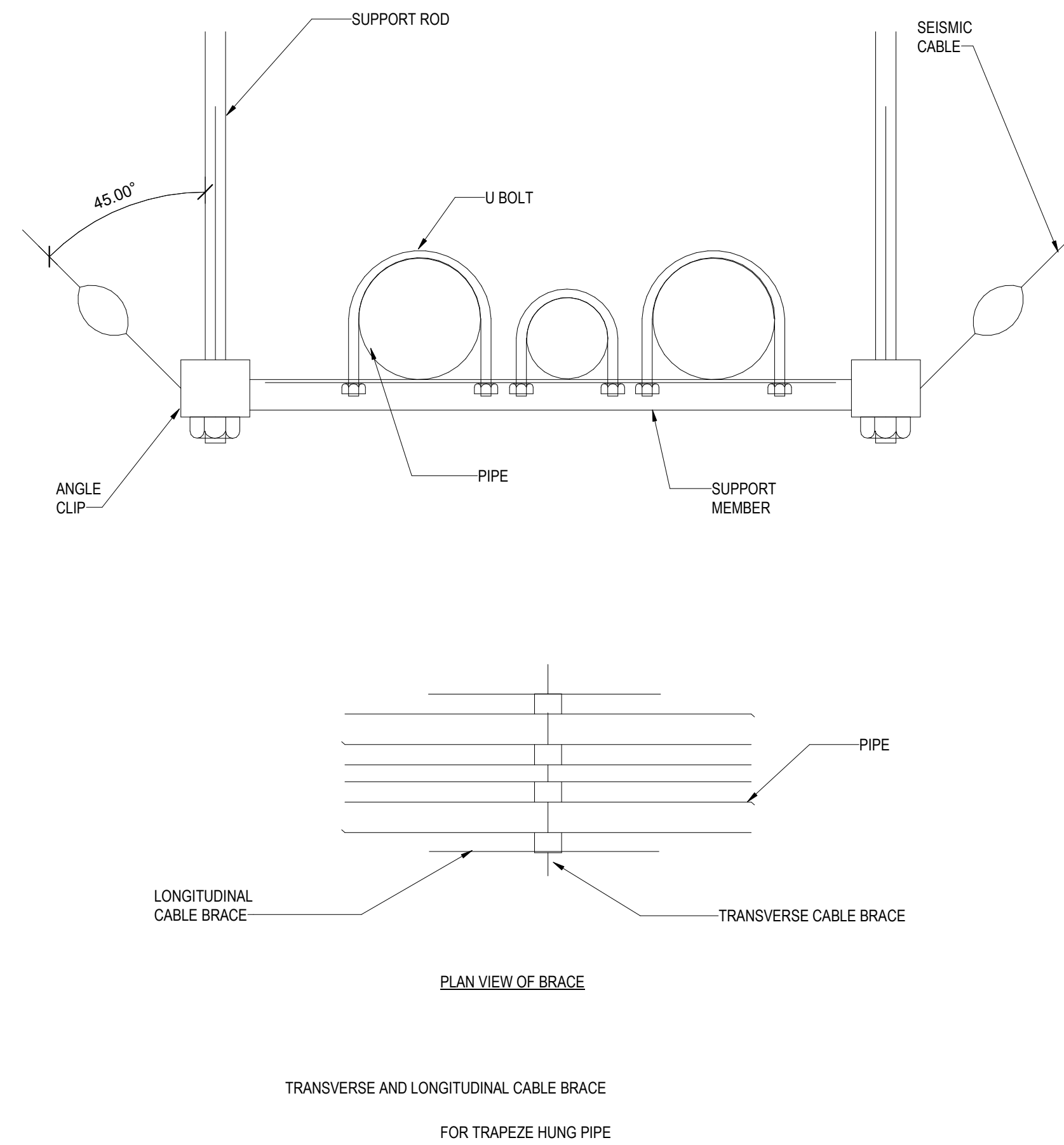
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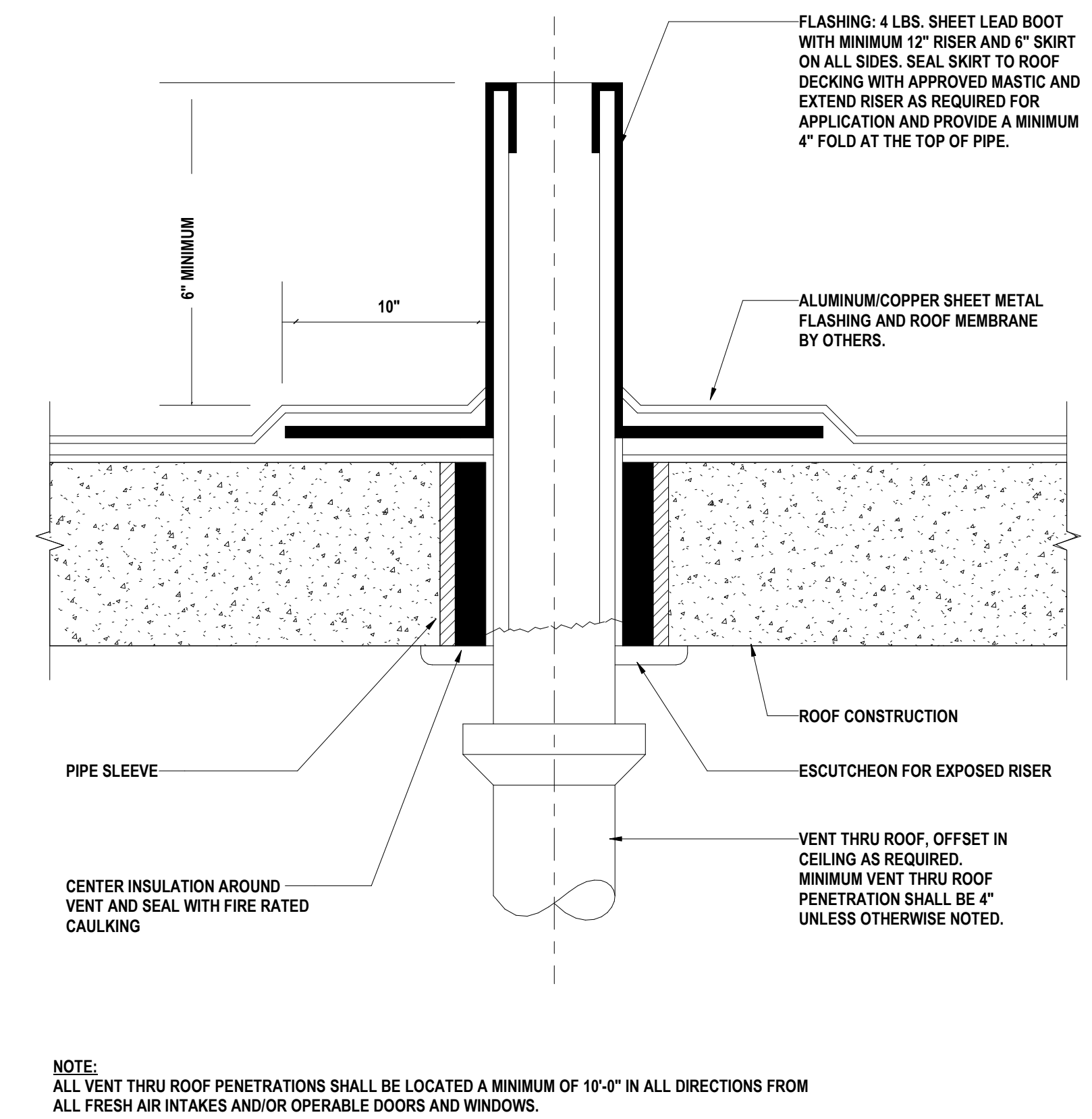
Sheet Size ARCH D



1 FLOOR DRAIN WITH ADJUSTABLE TOP
NOT TO SCALE



2 TRANSVS AND LONGIT CBL BRACE FOR TRPZE HUNG PIPE
NOT TO SCALE



3 VENT THRU ROOF DETAIL
NOT TO SCALE

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Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Plumbing Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	P-A-504
Sheet Size	ARCH D

P-WATER HEATER TANK SCHEDULE						
DESIGNATION	DESIGNATION	LOCATION	VOLUME (GAL)	MANUFACTURER	MODEL NUMBER	REMARKS
DWT	DWT - A-1-1	LEVEL 01	120	COLMAC WATERHEAT		PRE-FABRICATED STORAGE TANK SKID

P - PUMP SCHEDULE										
DESIGNATION	TYPE	QUANTITY	LOCATION	FLOW RATE (GPM) PER PUMP	T.D.H. (FT)	POWER	MANUFACTURER	MODEL NUMBER	REMARKS	ELECTRICAL
SP-A-0-1	ELEVATOR SUMP PUMP	1	SUMP PIT	50 GPM	35	1.00 hp	WEIL	-	PROVIDE AIRTIGHT SUMP PIT COVER	

P - REVERSE OSMOSIS TREATMENT PACKAGE SCHEDULE													
DESIGNATION	LOCATION	MANUFACTURER	MODEL NUMBER	SERVICE	QUANTITY	DEMAND (GPM)	ELECTRICAL				SYSTEM WEIGHT (LBS)	REMARKS	
							FLA	FREQUENCY	KW	PHASE			VOLTAGE
ROT	LEVEL 1		AR-S-2000	DOMESTIC WATER	1	6				1	220 V	115	

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Key Plan

Description	Date
50% Design Development	02/24/20
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Project

Storm King Art Center Administration Building

Seal

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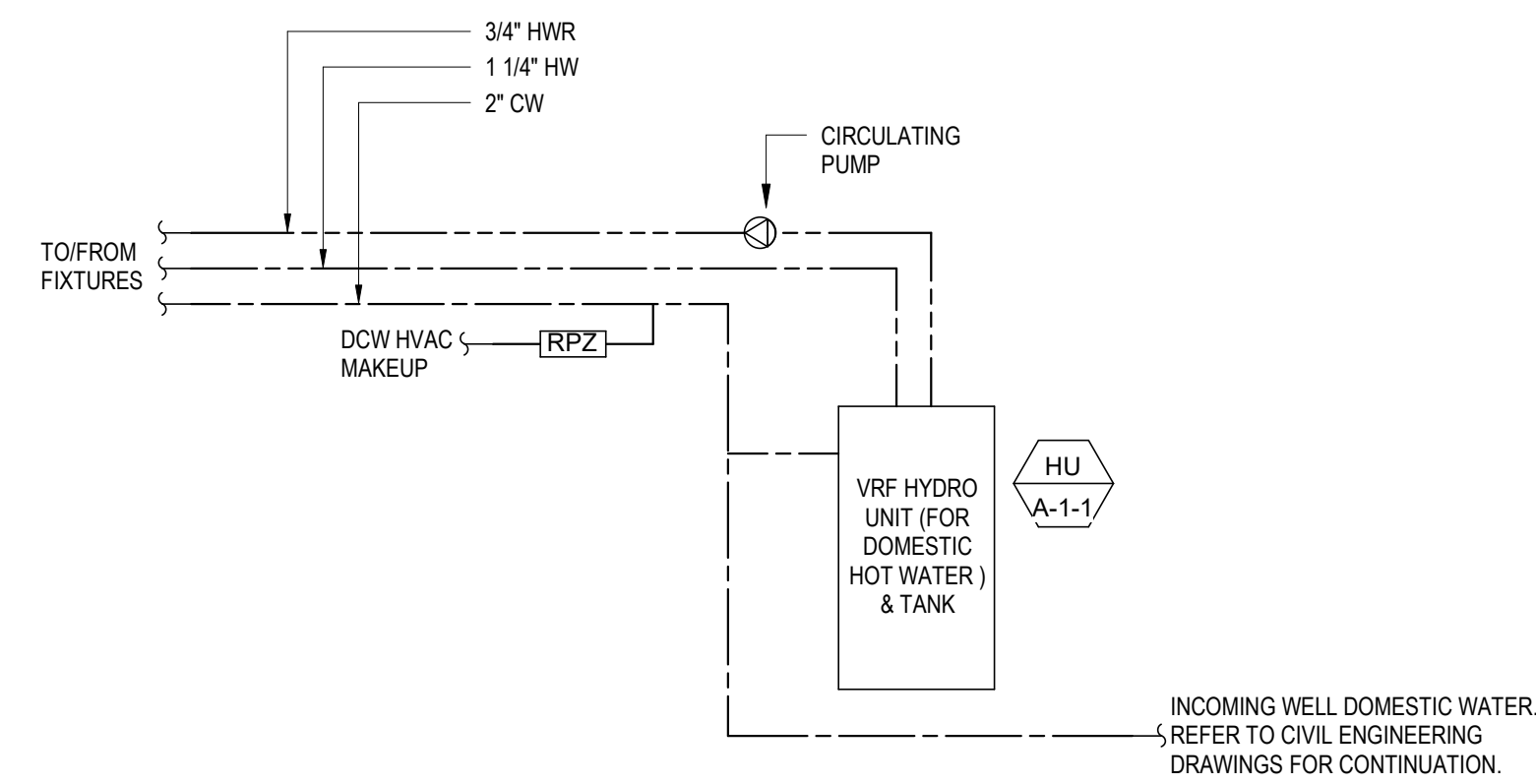
Drawing Title
Plumbing Schedules

Date 11/06/20

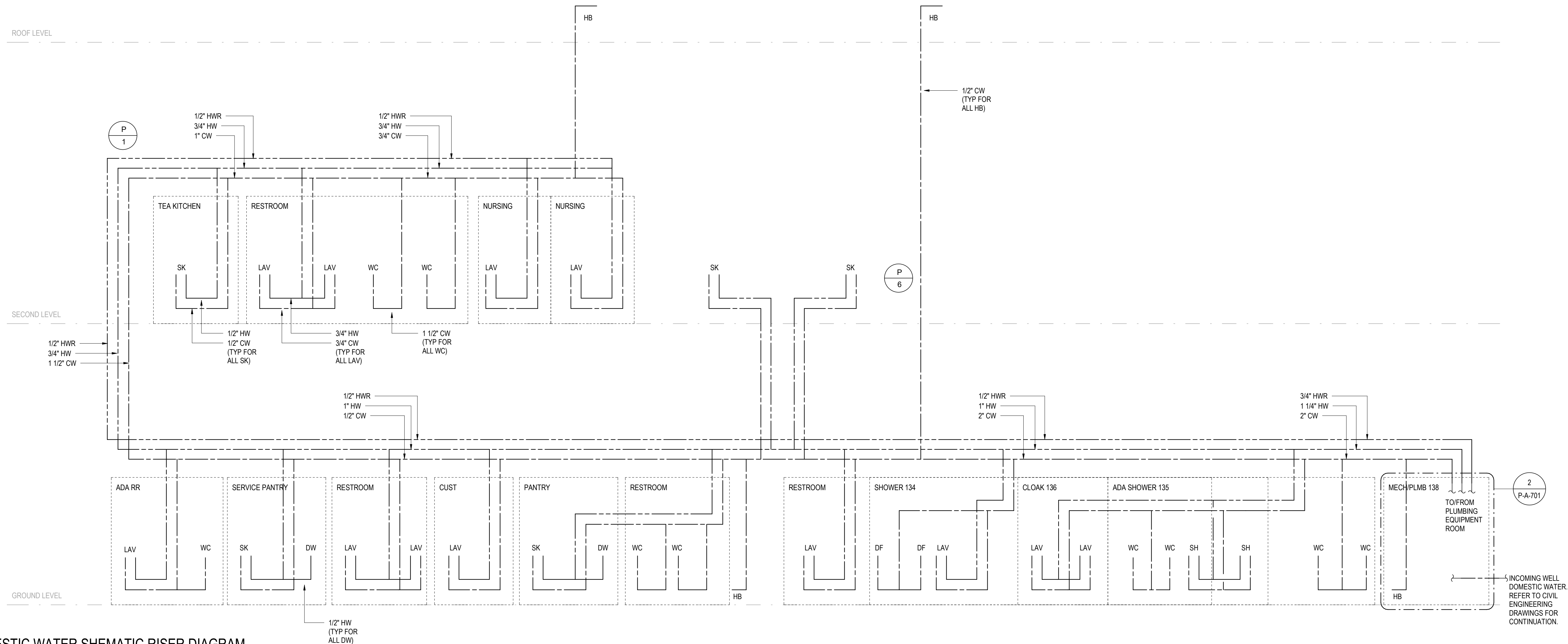
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Drawing Number **P-A-601**

Sheet Size ARCH D



2 PLUMBING EQUIPMENT ROOM SCHEMATIC DIAGRAM
NOT TO SCALE



1 DOMESTIC WATER SCHEMATIC RISER DIAGRAM
NOT TO SCALE

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100% Design Development	05/29/20
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Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Domestic Water Riser

Date	11/06/20
Scale	Not to Scale
Drawing Number	P-A-701
Sheet Size	ARCH D

NOTE: WHERE REQUIRED, PROVIDE
FUNNEL DRAINS FOR TERMINATION OF
NEARBY CONDENSATE DRAINAGE FROM
MECHANICAL COOLING COILS

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100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

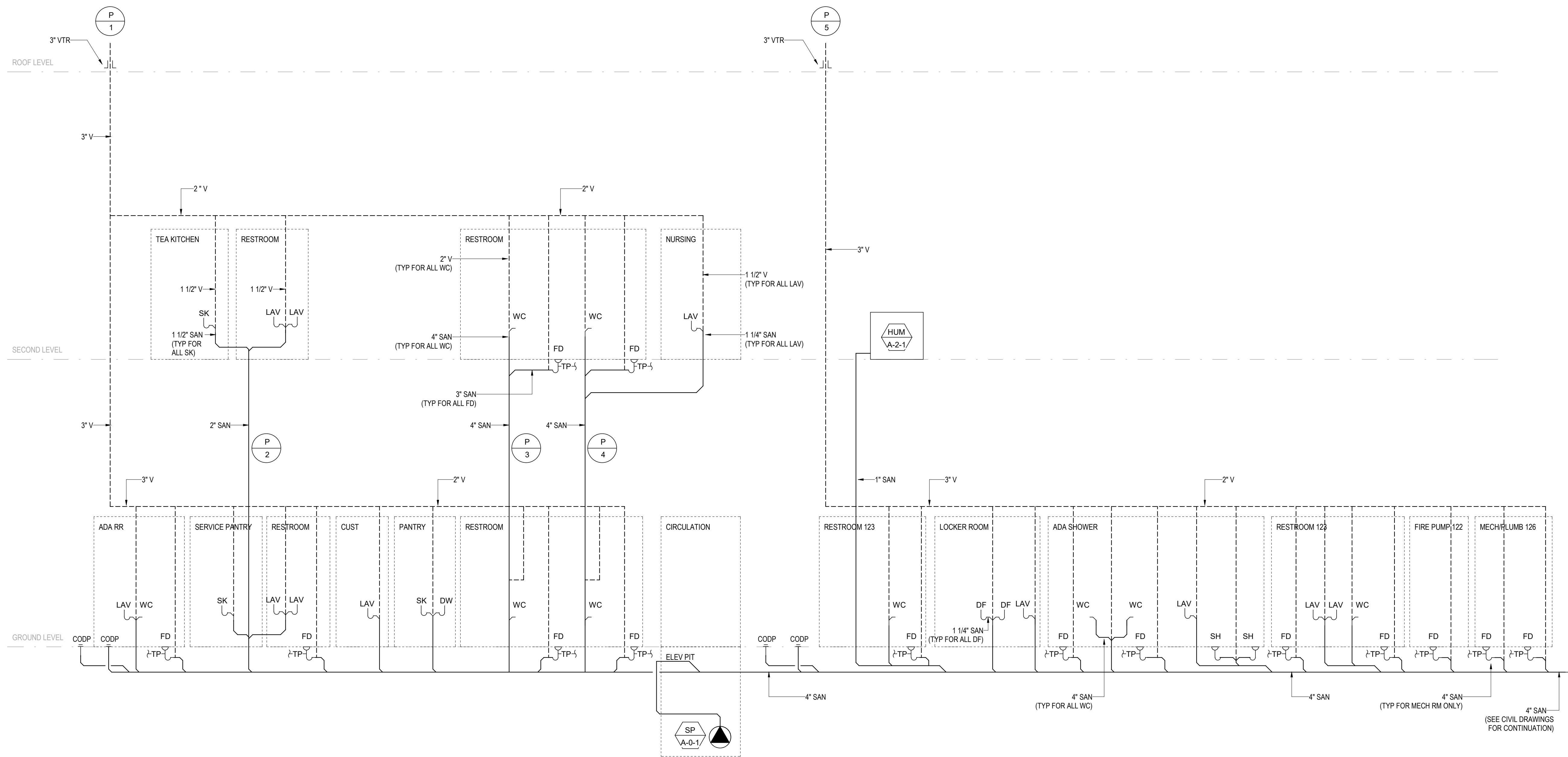
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Drain & Vent Riser

Date	11/06/20
Scale	Not to Scale
Drawing Number	P-A-702
Sheet Size	ARCH D



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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

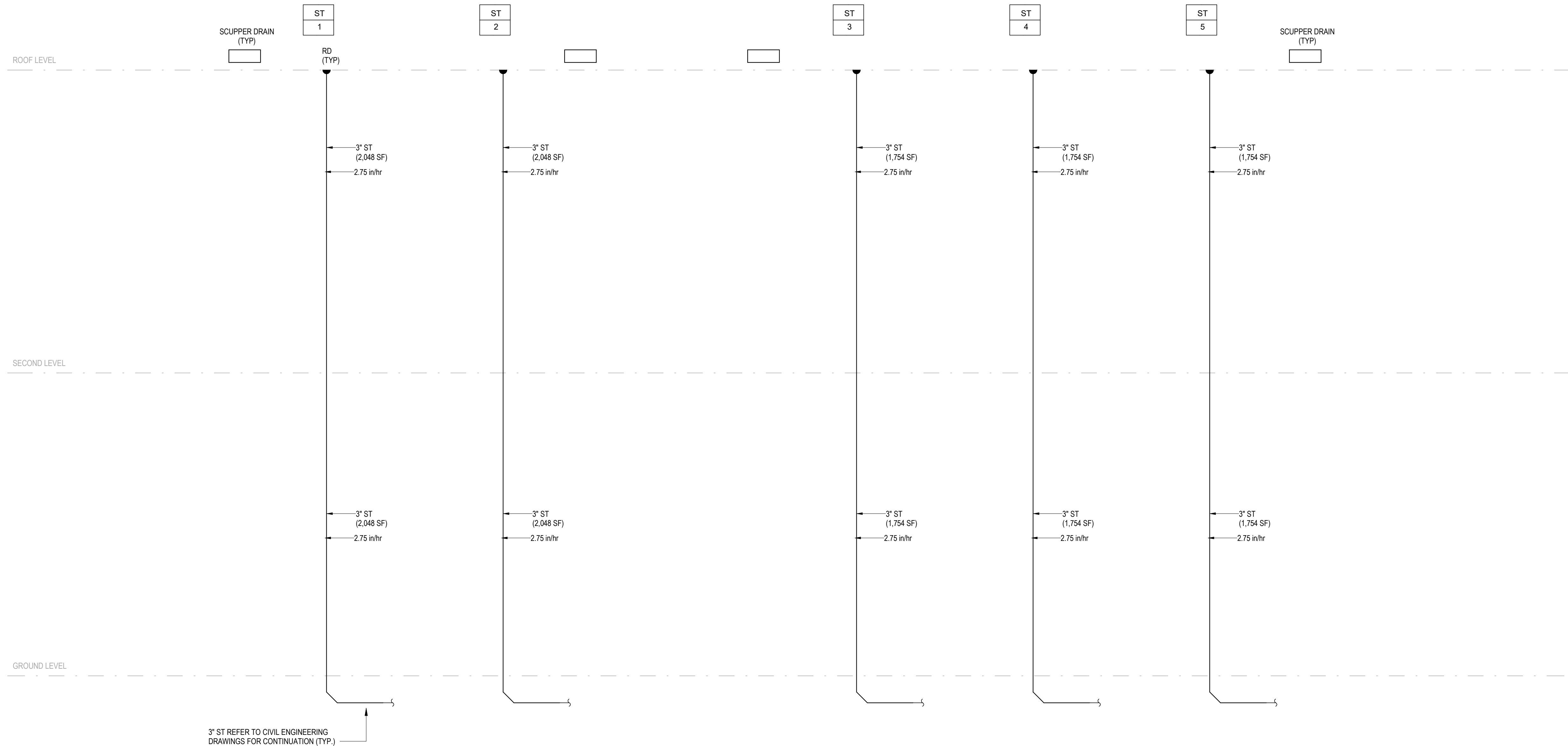
**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Storm Drain Riser

Date	11/06/20
Scale	Not to Scale
Drawing Number	P-A-703
Sheet Size	ARCH D



3" ST REFER TO CIVIL ENGINEERING DRAWINGS FOR CONTINUATION (TYP.)

WIRED DEVICES

SYMBOL	DESCRIPTION
	20A NEMA 5-20R, WALL MOUNTED SIMPLEX RECEPTACLE OUTLET
	20A NEMA 5-20R, WALL MOUNTED DUPLEX RECEPTACLE OUTLET
	20A NEMA 5-20R, WALL MOUNTED DUPLEX SWITCHED RECEPTACLE OUTLET
	20A NEMA 5-20R, WALL MOUNTED QUADRUPLEX RECEPTACLE OUTLET
	SPECIAL RECEPTACLE WALL MOUNTED NEMA CONFIGURATION PER PLAN REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION AND ORIENTATION
	RECEPTACLE OUTLET MOUNTED ABOVE COUNTER TOP
	MULTIOUTLET ASSEMBLY - SPACING AND QUANTITY AS NOTED ON DRAWINGS
	CEILING MOUNTED RECEPTACLE OUTLET
	FLOOR BOX APPROVAL BY ARCHITECT AND ENGINEER - FB# DENOTES TYPE FB0 - 8-GANG FOR POWER AND DATA FB1 - 2-GANG FURNITURE FEED FOR POWER AND DATA
ABBREVIATIONS	DESCRIPTION
AFCI	ARC-FAULT CIRCUIT INTERRUPTER
AV	DEDICATED OUTLET FOR AUDIO VISUAL EQUIPMENT
C	CONTROLLED RECEPTACLE
FP	FLAT PANEL
IG	ISOLATED GROUND
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER
MS	MOTORIZED SHADE
MW	DEDICATED OUTLET FOR MICROWAVE
OS	OCCUPANCY SENSOR CONTROLLED 20 MINUTE AUTO SHUT-OFF VIA A 20A RELAY.
WP	GFCI AND WR OUTLET WITH WHILE-IN-USE WEATHERPROOF COVER
REF	DEDICATED OUTLET FOR REFRIGERATOR
IN	LAPTOP INPUT
CB	COLLECTOR BOX FOR AV EQUIPMENT RACK
FZR	FREEZER

CABLE AND CONDUIT SYSTEMS

SYMBOL	DESCRIPTION
	HEAVY LINES INDICATE NEW WORK
	LIGHT LINES INDICATE EXISTING WORK TO REMAIN
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	CONDUIT STUB WITH WIRE PULL AND CAP
	UNDERGROUND CONDUIT OR DUCT BANK

LIGHTING

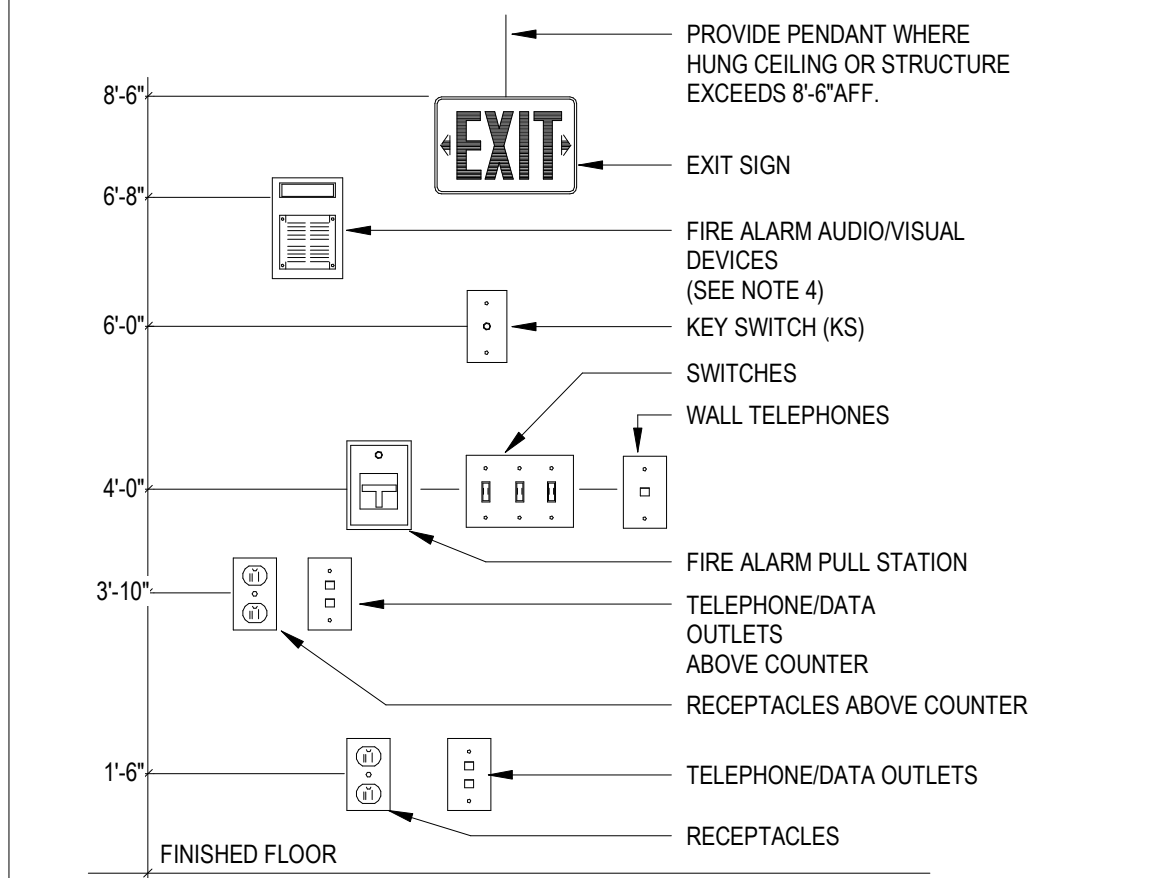
SYMBOL	DESCRIPTION
	RECTANGULAR LIGHT FIXTURE
	CIRCULAR LIGHT FIXTURE
	EXIT SIGN REFER TO ARCHITECTURAL EGRESS DRAWINGS FOR ORIENTATION OF EXIT SIGN ARROWS AND FACES

ONE LINE AND RISER DIAGRAM

SYMBOL	DESCRIPTION
	PANEL DESIGNATION PP-1 400A 480Y/277V 3PH 400A MCB
	TRANSFORMER WITH SECONDARY GROUND PRIMARY WINDING TYPE SECONDARY WINDING TYPE TX-2-1 15KVA
	DRAWOUT CIRCUIT BREAKER 400AF 350AT BR1
	CIRCUIT BREAKER 600AF 600AT BR1
	SWITCH DESIGNATION SW1 SWAS 150AF
	GROUND FAULT SENSOR 600AF 600AT
	EQUIPMENT MOUNTED THREE PHASE ENERGY METER
	PANELBOARD MOUNTED SINGLE PHASE ENERGY METER
	GENERATOR
	AUTOMATIC TRANSFER SWITCH

NOTE - REFER TO EQUIPMENT SCHEDULE FOR FUSE, CIRCUIT BREAKER AND DISCONNECT RATING

TYPICAL DEVICE MOUNTING HEIGHTS DETAIL



- NOTE:
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND ARCH. PLAN ELEVATIONS PRIOR TO ROUGHING IN ANY DEVICES ABOVE COUNTERS. ALL MOUNTING HEIGHTS SHALL BE CONFIRM WITH ARCH. PLANS AND ELEVATIONS.
 - ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT EXIT SIGNS AND FIRE ALARM VISUAL DEVICES
 - DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL CENTERLINE WHEREVER POSSIBLE
 - FIRE ALARM AUDIO/VISUAL DEVICE TO BE MOUNTED AT 6'-8" ABOVE FINISHED FLOOR OR AT 6" BELOW FINISHED CEILING, WHICHEVER IS LOWER. DIMENSION IS TO THE BOTTOM OF THE VISUAL PORTION OF THE DEVICE

POWER

SYMBOL	DESCRIPTION
	EQUIPMENT DESIGNATION AHU-1 3/4HP, 208/120V/2P3W
	DISCONNECT/STARTER TYPE EQUIPMENT TYPE NUMBER OF POLES & WIRES EQUIPMENT UTILIZATION VOLTAGE EQUIPMENT LOAD IN KVA OR HP
	PANEL NAMING CONVENTION: E D P L A 1 1 SEQUENCE 1, 2, 3 ... LOCATION # - FLOOR LEVEL # - BUILDING/ AREA "A" - ADMINISTRATION "W" - WELCOME "P" - POND PAVILION "C" - CONSERVATION AND MAINTENANCE VOLTAGE LEVEL "H" - 480Y/277V "L" - 208Y/120V PANEL TYPE "MSB" - MAIN SERVICE BOARD "GDB" - GENERATOR DISTRIBUTION BOARD "P" - PANELBOARD "DP" - DISTRIBUTION PANEL "TX" - TRANSFORMER "ATS" - AUTOMATIC TRANSFER SWITCH POWER TYPE "E" - NORMAL POWER "S" - LIFE SAFETY EMERGENCY POWER (NEC 700) "S" - LEGALLY REQUIRED STANDBY POWER (NEC 701) "O" - OPTIONAL STANDBY POWER (NEC 702)
	PANELBOARD - DASHED OUTLINE DENOTES WORKING SPACE CLEARANCES.
	NORMAL POWER PANEL
	EMERGENCY (NEC BRANCH 700) POWER PANEL
	CRITICAL (NEC BRANCH 701 LEGALLY REQUIRED STANDBY) POWER PANEL
	STANDBY (NEC BRANCH 702 OPTIONAL STANDBY) POWER PANEL
	DRY TYPE ENERGY EFFICIENT TRANSFORMER PROVIDE PRIMARY AND/OR SECONDARY FUSED DISCONNECT AS REQUIRED COORDINATE CONCRETE HOUSE KEEPING PAD WITH STRUCTURAL CONTRACTOR
	JUNCTION BOX "FSD" DENOTES FIRE SMOKE DAMPER "VAV" DENOTES VARIABLE AIR VOLUME DEVICE
	HARD-WIRED CONNECTION
	MOTOR
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	ENCLOSED CIRCUIT BREAKER SWITCH
	VARIABLE FREQUENCY DRIVE WITH FUSE DISCONNECT SWITCH
	COMBINATION MOTOR STARTER
	MOTOR STARTER
	DISCONNECT SWITCH "M" DENOTES MANUAL MOTOR STARTER "T" DENOTES HEAVY DUTY TOGGLE SWITCH
	CIRCUIT HOMERUN - SHORT TICK MARKS INDICATES NUMBER OF HOT WIRES, LONG TICK MARK INDICATES NEUTRAL WIRE AND THE DOT INDICATES THE GROUND WIRE.

LIGHTNING PROTECTION

	AIR TERMINAL LOCATION
	CONNECTION
	GROUNDING CONNECTION TO TRIPOD GROUNDING RING WITH INSPECTION TEST WELL
	COUNTERPOISE LOOP BELOW GRADE. NO. 1/2" LPC120 COPPER CABLE, U.L. LABELED, 29 ST., 17 GA., 192 LBS./1,000 FT., 59,450 CM. (2# AWG)
	NO. 1/2" LPC120 COPPER CABLE, U.L. LABELED, 29 ST., 17 GA., 192 LBS./1,000 FT., 59,450 CM. (2# AWG)
	GROUND CONNECTION TO BUILDING GROUNDING LOOP
	THRU-ROOF CABLE CONNECTION
	THRU-WALL LOCATION
	STEEL COLUMN GROUNDING CONNECTION TO TRIPOD GROUNDING RING WITH INSPECTION TEST WELL
	GROUND CONNECTION TO BUILDING SERVICE PANEL FROM HANDHOLE
	GROUND CONNECTION TO BUILDING STEEL WHERE REQUIRED

LIGHTING CONTROL DEVICES

SYMBOL	DESCRIPTION
	LINE VOLTAGE LIGHT SWITCH LOWER CASE LETTER DENOTES LIGHTING ZONE "3" DENOTES THREE-WAY SWITCH
	CEILING MOUNTED PIR VACANCY SENSOR
	CEILING MOUNTED ULTRASOUND VACANCY SENSOR
	CEILING MOUNTED DUAL TECH. VACANCY SENSOR
	PIR OCCUPANCY SENSOR SWITCH
	ULTRASOUND OCCUPANCY SENSOR SWITCH
	DUAL TECH. OCCUPANCY SENSOR SWITCH
	WALL MOUNTED PIR OCCUPANCY SENSOR
	DAYLIGHT SENSOR SEE LIGHTING SPECIFICATION
	WALL MOUNTED DAYLIGHT SENSOR SEE LIGHTING SPECIFICATION
	WALL MOUNTED PILOT LIGHT
ABBREVIATION	DESCRIPTION
a	LOWER CASE LETTER DENOTES LIGHTING ZONE
3	THREE-WAY SWITCH
4	FOUR-WAY SWITCH
D	LINE VOLTAGE DIMMER SWITCH
W	WIRELESS SWITCH
WD	WIRELESS DIMMER
WSS	WIRELESS SCENE SELECT SWITCH
LV	LOW VOLTAGE SWITCH

ELECTRICAL ABBREVIATIONS

ABBREVIATION	DEFINITION
A	AMPERE
AF	AMPERE FRAME
A.F.F.	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
COMM	COMMUNICATION
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DN	DOWN
EM	EMERGENCY
EC	EMPTY CONDUIT
EF	EXHAUST FAN
ELEC	ELECTRICAL
EMT	ELECTRICAL METAL TUBING
EX	EXISTING
ETR	EXISTING TO REMAIN
FBO	FURNISHED BY OTHER
FDR	FEEDER
FLEX	FLEXIBLE
FMC	FLEXIBLE METAL CONDUIT
FSD	FIRE SMOKE DAMPER
FT	FEET OR FOOT
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GSC	GALVANIZED STEEL CONDUIT
HP	HORSE POWER
HZ	HERTZ
IMC	INTERMEDIATE METAL CONDUIT
IG	ISOLATED GROUND
KAIC	KILO-AMPS INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MCM,KCML	THOUSAND CIRCULAR MILS
MD	MOTORIZED DAMPER
ML	MAGNETIC DOOR HOLDER
MLC	MOTOR LOGIC CONTROL
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
N	NORMAL
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PC	PERSONAL COMPUTER
PH, Ø	PHASE
PNL	PANEL
PWR	POWER
RL	RELOCATED EXISTING DEVICE
REF	REFRIGERATOR
SCCR	SHORT CIRCUIT CURRENT RATING
SD	SMOKE DAMPER
SP	SMOKE PURGE
SS	STAINLESS STEEL
TYP	TYPICAL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
UC	UNDERCOUNTER
UH	UNIT HEATER
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTAGE
VB	VIEWBOX
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WOS	WITHOUT SUBSTITUTION
WP	WEATHERPROOF
WR	WEATHER-RESISTANT

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Project

**Storm King
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Administration
Building**

Seal

NOT FOR CONSTRUCTION

Drawing Title
Abbreviations,
Symbols, and
Legends

Date 11/06/20

Scale Not to Scale

Drawing Number E-A-001

Sheet Size ARCH D

J. FUSES

1. ALL FUSES SHALL BE OF THE SAME MANUFACTURER, BUSSMANN, OR AS APPROVED, AND SHALL BE INSTALLED, AS REQUIRED, IN ALL CUTOUTS, PANELS AND SAFETY SWITCHES.
2. UNLESS OTHERWISE NOTED, FUSES SHALL BE BUSSMAN TYPE LPN, LPS OR KRP-C.

K. OCCUPANCY SENSORS

1. OCCUPANCY SENSORS SHALL BE UTILIZED TO AUTOMATICALLY TURN OFF LIGHT FIXTURES WHEN THE AREA SENSED IS NOT OCCUPIED. OCCUPANCY SENSORS SHALL HAVE A TIME DELAY BEFORE TURNING OFF, WHICH SHALL BE CONTINUOUSLY ADJUSTABLE FROM 30 SECONDS TO 12 MINUTES. OCCUPANCY SENSORS SHALL HAVE A SENSITIVITY ADJUSTMENT TO MODIFY THE FIELD OF VIEW.
2. WALL MOUNTED OCCUPANCY SENSORS SHALL OPERATE AS FOLLOWS:
RED LED WILL INDICATE WHEN UNIT IS BEING TRIGGERED PLUS IT WILL GLOW WHEN OFF TO FACILITATE LOCATION IN AN UNIT ROOM. WALL MOUNTED AREA SENSORS SHALL UTILIZE PASSIVE INFRARED OPERATION. THE SENSOR SHALL EMIT A "BEEP" WARNING TONE BEFORE SHUTTING OFF. SENSOR OPERATION SHALL BE AS FOLLOWS: TAP TOP OF SWITCH TO TURN ON; AUTOMATIC TURN OFF; TAP BOTTOM OF SWITCH TO TURN OFF. SENSOR SHALL BE ABLE TO BE MOUNTED IN A SINGLE GANG WALL BOX AND BE GANGABLE WITH OTHER DESIGNER STYLE ELECTRICAL DEVICES AND FACEPLATES. SENSOR SHALL BE PROVIDED WITH A DESIGNER STYLE SCKWLESS FACEPLATE, COLOR AS SELECTED BY THE ARCHITECT.
3. CEILING MOUNTED AREA SENSOR SHALL UTILIZE PASSIVE INFRARED OPERATION. WHEN THE SENSOR DETECTS THE PRESENCE OF AN OCCUPANT, THE LIGHTS WILL AUTOMATICALLY TURN ON. IF NO OCCUPANT MOTION OCCURS WITHIN THE ADJUSTABLE TIME DELAY PERIOD, THE LIGHTS SHALL AUTOMATICALLY BE TURNED OFF. THE SENSOR SHALL HAVE A LED INDICATOR TO PROVIDE FEEDBACK TO THE POWER PACK WHEN DETECTING MOVEMENT AND SHALL HAVE A SENSITIVITY AND TIMING ADJUSTMENT. ALL COMPONENTS TO BE CONTAINED WITHIN A 1 INCH HIGH BY 6 INCH LONG WHITE PLASTIC HOUSING, USING FOUR (4) HEAD SENSORS AT FIXED ANGLES. PROVIDE THREE (3) FREQUENCY DEVICES FOR ALTERNATE PATTERN INSTALLATION. PROVIDE ACCOMPANYING SWITCHPACK WITH PROPER HEAD QUANTITY AS SPECIFIED BY MANUFACTURER. UNIT SHALL NOT DETECT MOTION THROUGH GLASS AND SHALL BE MOUNTED A MINIMUM OF SIX (6) FEET FROM STRONG AIR TURBULENT DEVICES.

L. LIGHTING CONTACTOR

1. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE ELECTRICALLY OPERATED BY A DUAL-ACTING, SINGLE-SOLENOID MECHANISM THAT IS INHERENTLY INTERLOCKED AND MECHANICALLY HELD IN BOTH THE OPEN AND CLOSED POSITIONS. THE MAIN CONTACTS SHALL BE POWER DRIVEN IN BOTH DIRECTIONS. POSITIVE LOCKING AND CONTACT POSITIONS SHALL NOT BE DEPENDENT ON GRAVITY, HOOKS, LATCHES OR SEMI-PERMANENT MAGNETS.
2. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE CAPABLE OF OPERATING IN ANY POSITION. PROVISIONS SHALL BE INCORPORATED FOR MANUAL OPERATION DURING INSPECTION AND MAINTENANCE.
3. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE UNDERWRITERS' LABORATORIES LISTED UNDER UL 508. MAIN CONTACTS SHALL BE DOUBLE BREAK, CONTINUOUS DUTY RATED 20 AMPS TO 600 VOLTS AC, AND BE MARKED FOR BALLAST LIGHTING, TUNGSTEN AND GENERAL PURPOSE LOADS. LIGHTING CONTACTORS REQUIRING DERATING WHEN USED IN AN ENCLOSURE OR WITH TUNGSTEN LAMP LOADS SHALL NOT BE ACCEPTABLE.
4. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE PROVIDED WITH CLAMP-TYPE, SELF-RISING TERMINAL PLATES FOR SOLDERLESS CONNECTION OF LINE, LOAD AND CONTROL CONDUCTORS. TERMINALS SHALL ACCEPT A WIRE RANGE OF #10 TO #10 AWG CU.
5. THE NUMBER OF POLES, UP TO A MAXIMUM OF 12, ON A SINGLE REMOTE CONTROL LIGHTING CONTACTOR, SHALL BE PROVIDED AS INDICATED ON PLANS.
6. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE UL LISTED FOR THE FOLLOWING SHORT-CIRCUIT WITHSTAND CURRENT RATINGS WHEN COORDINATED WITH A UL-LISTED MOLDED CASE CIRCUIT BREAKER RATED 30 AMPERES: 10000 AMPS RMS SYMMETRICAL 600 VOLTS, 60HZ.
7. THE OPERATING COIL AND MAIN CONTACTS SHALL BE REPLACEABLE FROM THE FRONT WITHOUT MAJOR DISASSEMBLY AND VISUAL INDICATION SHALL BE PROVIDED FOR EACH MAIN CONTACT.
8. PROVISIONS SHALL BE INCLUDED TO PERMIT REMOTE PILOT LAMP-TYPE VISUAL INDICATIONS WITHOUT THE NECESSITY FOR AUXILIARY CONTACTS OR ADDITIONAL WIRING.
9. EACH REMOTE CONTROL LIGHTING CONTACTOR SHALL BE FURNISHED WITH AN OWNER'S MANUAL PROVIDING INSTALLATION AND OPERATING INSTRUCTIONS.
10. THE REMOTE CONTROL LIGHTING CONTACTOR SHALL BE AN ASCO 917 OR APPROVED EQUAL IN NEMA 1 ENCLOSURE.

M. TIME CLOCK

1. TIME CLOCK SHALL BE DIGITAL TYPE, WITH ASTRONOMIC AND PULSE SWITCHING CAPABILITY, LCD DISPLAY, AMPM FORMAT, MANUAL OVERRIDE, SEPARATE SCHEDULING FOR EACH DAY OF THE WEEK, DIFFERENT DAILY SCHEDULES PROGRAMMABLE WITHIN EACH SEASON.
2. ENCLOSURE SHALL BE NEMA 1 TYPE.
3. TERMINALS SHALL BE CAPABLE OF RECEIVING #8AWG WIRE.
4. TIME CLOCK SHALL BE TORK MODEL DLCA400BP OR APPROVED EQUAL.

N. GENERAL

1. OUTLET BOXES SHALL BE CODE GAUGE GALVANIZED STAMPED STEEL, 4 INCH SQUARE BY 1-1/2 INCHES DEEP FOR POWER AND 4 INCHES SQUARE BY 2-1/2 INCHES DEEP FOR COMMUNICATION, FIRMLY ANCHORED IN PLACE. BOX VOLUME SHALL BE AS REQUIRED BY GOVERNING CODES WITH BLANK COVERS PROVIDED FOR ALL BOXES USED FOR JUNCTION PURPOSES. GEM BOXES SHALL ONLY BE USED WHERE DIMENSIONAL RESTRAINTS EXIST AND WHERE THE CONTRACTOR HAS OBTAINED PERMISSION FROM THE ENGINEER. MULTI-GANG BOXES SHALL BE PROVIDED WITH EXTENSION COLLARS MOUNTED WITHIN 1/8 INCH OF OUTER SURFACE. WHERE OUTLET BOXES ARE SHOWN FOR FLUSH MOUNTED DEVICES, A SINGLE GANG PLASTER RING SHALL BE PROVIDED, AND MOUNTED WITHIN 1/8 INCH OF OUTER SURFACE.
2. DISCONNECT SWITCHES SHALL BE CMOB FUSIBLE OR NONFUSIBLE WITH CURRENT AND VOLTAGE RATING AS INDICATED ON PLANS. SWITCHES SHALL BE HORSEPOWER RATED, ENCLOSED TYPE, SUITABLE FOR PADLOCKING IN OPEN POSITION.
3. HORSEPOWER RATED THERMAL SWITCHES (BRYANT OR AS APPROVED) SHALL BE USED FOR ALL MOTOR CIRCUITS. ELECTRICAL CONTRACTOR SHALL INSTALL WHERE APPLICABLE TOGGLE SWITCHES FOR USE AS DISCONNECT. THESE SWITCHES SHALL BE "T" RATED FOR RESISTANCE LOADS AND "M" RATED FOR MOTOR LOADS.
4. STANDARD DUPLEX CONVENIENCE RECEPTACLES SHALL BE SPECIFICATION GRADE NEMA 5-15R, 5-20R, 2 POLE, 3 WIRE, GROUNDED, 15 OR 20 AMPERE RATED FOR DEVICES SHOWN ON A 15 OR 20 AMPERE CIRCUIT (RESPECTIVELY). PROVIDE DEVICES RATED TO THE EQUIVALENT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED. GROUND FAULT TYPE SHALL BE USED WHERE REQUIRED BY GOVERNING CODES INCLUDING ALL DEVICES SHOWN TO BE WITHIN SIX FEET OF A SINKWATER.
5. SWITCHES SHALL BE FLUSH, SPECIFICATION GRADE, QUIET TUMBLER TYPE, GROUNDED, BEHIND COMMON PLATE WITH BARRIERED BACK BOX WHERE REQUIRED. PROVIDE FOR MULTIPLE CIRCUITS GREATER THAN 250 VOLTS. SINGLE POLE SWITCHES SHALL BE 20 AMPERES, 277 VOLT.
6. DEVICE TYPES, MANUFACTURERS AND COLORS SHALL BE SPECIFIED BY THE ARCHITECT. IF NO SPECIFICATION HAS BEEN PROVIDED, THIS CONTRACTOR SHALL OBTAIN ALL INFORMATION REGARDING THE ABOVE FROM THE ARCHITECT PRIOR TO THE SUBMISSION OF BID, OR SHALL INCLUDE THE ABILITY TO FURNISH ANY MANUFACTURER SELECTED BY THE ARCHITECT DURING THE SHOP DRAWING SUBMISSION PHASE.
7. DEVICE PLATES SHALL BE AS INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATE EXACT COLOR WITH ARCHITECT.
8. ALL CABLE SHALL BE COPPER WITH THWN OR THHN INSULATION FOR HORIZONTAL APPLICATIONS AND XHHW FOR VERTICAL APPLICATIONS (I.E. WHEN PASSING THROUGH A CABLE SUPPORT BOX), EMPLOYED AT THE 75°C CODE RATED AMPACITY. NO SMALLER THAN No. 12 AWG SHALL BE USED UNLESS SPECIFICALLY NOTED ON PLANS. COLOR CODING SHALL CONFORM TO CODE REQUIREMENTS. DERATE ALL CABLES PER LATEST VERSION OF THE NATIONAL ELECTRICAL CODE.
9. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID CU CONDUCTORS. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER.
10. ALL CABLING FURNISHED FOR INSTALLATION EXPOSED (NOT IN AN ENCLOSED RACEWAY) IN AN AIR PLENUM CEILING OR FLOOR SHALL BE APPROVED FOR USE BY GOVERNING AUTHORITIES, AND SHALL CONFORM TO UL 910 WITH A MINIMUM OF 125 DEGREES CELSIUS RATED JACKET.
11. ALL SUPPLIED LUGS FOR EQUIPMENT REQUIRING HARD-WIRED CONNECTIONS, ETC. SHALL BE DOUBLE INDENT, 2 BOLT HOLE, LONG BARREL AND COMPRESSION TYPE. PROVIDE DOUBLE INDENT "HEXAGONAL" COMPRESSION DIES AND TOOL (T & B OR BURNDY OR AS REVIEWED). MECHANICAL LUGS, SINGLE INDENT COMPRESSION TOOLS AND UNIVERSAL DIES SHALL NOT BE PERMITTED. ALL COMPRESSION TOOLS AND DIES SHALL BE MANUFACTURED BY THE LUG VENDOR.
12. ALL SUPPLIED IN-LINE SPLICE CONNECTORS, "T" CONNECTORS, ETC., SHALL BE DOUBLE INDENT (PER CONDUCTOR), LONG BARREL AND COMPRESSION TYPE. PROVIDE DOUBLE INDENT "HEXAGONAL" COMPRESSION DIES AND TOOL (T & B, BURNDY OR AS REVIEWED). MECHANICAL CONNECTORS, SINGLE INDENT COMPRESSION TOOLS AND UNIVERSAL DIES SHALL NOT BE PERMITTED. ALL COMPRESSION TOOLS AND DIES SHALL BE MANUFACTURED BY THE CONNECTOR VENDOR.
13. ALL NEW AND RELOCATED ELECTRIFIED FURNITURE SYSTEM COMPONENTS SHALL BE DISCONNECTED, RECEIVED, STORED, INSTALLED AND WIRED BY THIS CONTRACTOR IN ORDER TO CONFORM WITH THE DESIGN AS INDICATED ON THESE DRAWINGS AND THE ARCHITECTURAL DRAWINGS. ANY MODIFICATIONS TO FURNITURE SYSTEM NECESSARY TO COMPLY WITH LOCAL CODES AND INSTALLATION STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO FIELD MODIFICATION AND ELECTRIFICATION.
14. ALL UPS SYSTEM RECEPTACLES OR RECEPTACLES DENOTED AS BEING ISOLATED GROUND TYPE SHALL BE PROVIDED WITH A GREEN ISOLATED GROUND WIRE. THIS CONTRACTOR SHALL PROVIDE A COMPLETE ISOLATED GROUND WIRE SYSTEM FROM THE LAST RECEPTACLE TO THE TRANSFORMER X/O POINT (WHERE THE SERVICE GROUND IS ESTABLISHED). THIS SHALL INCLUDE THE PROVISION OF ISOLATED GROUND WIRES AND BUS BARS IN NEW AND EXISTING DISTRIBUTION ALONG THE ENTIRE PATH AS STATED ABOVE, WHETHER OR NOT SHOWN ON THE PLANS. ALL ISOLATED GROUND CIRCUITS SHALL HAVE DEDICATED NEUTRAL AND GROUND WIRES. I.G. WIRES SHALL BE RUN WITH PHASE AND NEUTRAL CONDUCTORS. REPLACE EXISTING FEEDERS AS REQUIRED.
15. PROVIDE LOCAL DISCONNECTS FOR ALL MOTORS, HARD-WIRED PANTRY/KITCHEN EQUIPMENT AND HOT WATER HEATERS, WHETHER OR NOT SHOWN ON PLAN. DISCONNECTS SHALL BE SIZED PER THE OVERCURRENT PROTECTION AND LOCATED PER THE ENGINEER AND ARCHITECT.
16. PROVIDE A 120 VOLT DEDICATED CIRCUIT FOR EACH CONDENSATE PUMP FOR ALL AC UNITS. COORDINATE WITH THE ENGINEER, THE PANEL AND BREAKER POSITION, PRIOR TO INSTALLATION.
17. ALL EQUIPMENT MATERIALS SHALL BE NEW, UL LISTED AND SHALL CONFORM TO ANY ADDITIONAL LABELING, TESTING AND CONSTRUCTION REQUIREMENTS ESTABLISHED BY THE GOVERNING AUTHORITIES. SAME SHALL BE GUARANTEED FOR 1 YEAR SUBSEQUENT TO FINAL ACCEPTANCE.
18. ALL EQUIPMENT (ELECTRICAL AND MECHANICAL) SHALL BE SPECIFIED TO HAVE VOLTAGE RATINGS COMPATIBLE WITH THE PROVISIONS OF ANSI C84.
19. ALL WORK SHALL BE IN CONDUIT.
20. DISCONNECTS FOR INCOMING SERVICE SHALL BE SERVICE RATED.

O. UNIT PRICES

1. AT THE SUBMISSION OF BID, PROVIDE A COMPREHENSIVE UNIT PRICE LIST TO FURNISH AND INSTALL CABLE, CONDUIT, PANELS, TRANSFORMERS, DISCONNECTS, CIRCUIT BREAKERS, RECEPTACLES, FIXTURES, SWITCHES, ETC. THE LIST SHALL CONSIST, AS A MINIMUM, OF ALL TYPES AND SIZES OF EQUIPMENT AS INCLUDED IN THE BASE PROJECT. ONLY THOSE BIDS CONTAINING A UNIT PRICE LIST SHALL BE CONSIDERED UNLESS WRITTEN PERMISSION HAS BEEN GRANTED ON BEHALF OF THE OWNER, ARCHITECT, ENGINEER AND/OR CONSTRUCTION MANAGER (OR GENERAL CONTRACTOR).

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

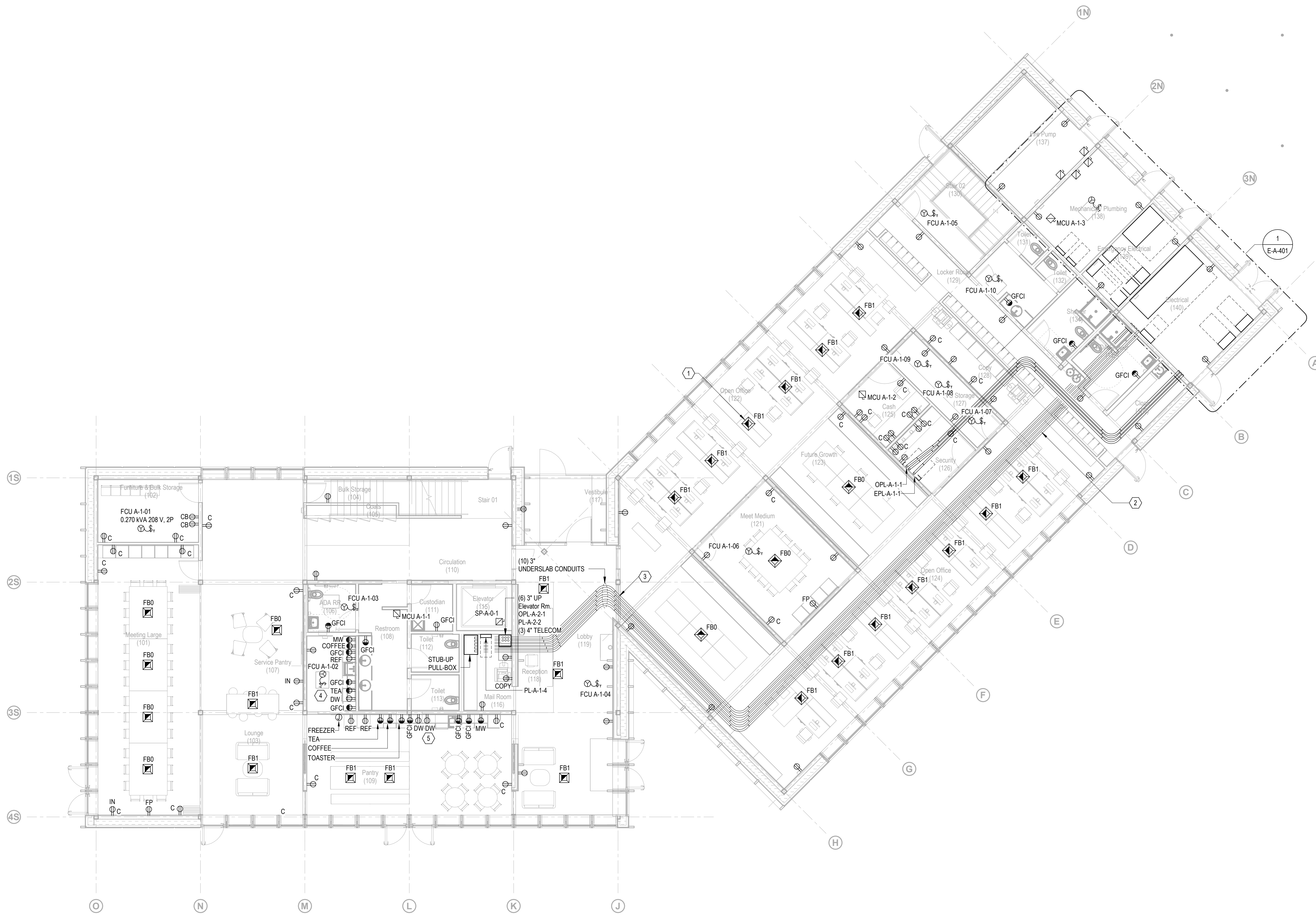
Seal

NOT FOR CONSTRUCTION

Drawing Title

General Notes

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-003
Sheet Size	ARCH D



GENERAL NOTES

- A. FOR ALL SYSTEMS, PROVIDE ALLOWANCES FOR ALL COMPONENTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.
- B. U.O.N. 20A-1P RECEPTACLES SHALL BE CIRCUITED TO NO MORE THAN (6) DUPLEX RECEPTACLES PER CIRCUIT.
- C. RESTROOMS AND SHOWERS -
 - a. AUTOMATIC FAUCET AND TOILET SENSORS - PROVIDE (1) 20A-1P, 120V GFCI PROTECTED CIRCUIT TO AUTOMATIC FAUCET AND TOILET SENSORS, MAX. (12) SENSORS PER CIRCUIT.
- D. HVAC EQUIPMENT - PROVIDE (1) 20A-1P, 120V DUPLEX GFCI RECEPTACLE WITHIN 25FT OF ALL HVAC AND REFRIGERATION EQUIPMENT. PROVIDE WEATHERPROOF RECEPTACLE WITH 'WILE IN USE' COVER IN EXTERIOR LOCATIONS.
- E. EXTERIOR EQUIPMENT - PROVIDE NEMA 3R MINIMUM RATING FOR ALL EXTERIOR AND ROOF MOUNTED EQUIPMENT INCLUDING DISCONNECT SWITCHES.
- F. AIR HANDLING UNITS (DOAS AND AHU) - PROVIDE (1) DEDICATED 20A-1P, 120V CIRCUIT PER AIR HANDLING UNIT FOR INTERNAL LIGHTING AND CONVENIENCE RECEPTACLE.
- G. BMS - PROVIDE (2) DEDICATED 20A-1P, 120V CIRCUITS FOR BMS NETWORK CONTROLLER ON ROOF.
- H. SECURITY - PROVIDE DEDICATED (4) 20A-1P, 120V DOUBLE DUPLEX RECEPTACLES PER FLOOR CONNECTED TO THE OPTIONAL STANDBY BRANCH (NEC 702) FOR SECURITY AND VIDEO SURVEILLANCE PANELS.
- I. DOOR OPENER - PROVIDE (1) DEDICATED 20A-1P, 120V CIRCUIT AT EACH EXTERNAL DOOR FOR DOOR OPENER.
- J. FIRE ALARM CABINETS - PROVIDE (1) DEDICATED 20A-1P, 120V CIRCUIT TO EACH FIRE ALARM CABINET CONNECTED TO THE EMERGENCY BRANCH (NEC 700). REFER TO FIRE ALARM DRAWINGS AND RISER DIAGRAM FOR FIRE ALARM CABINET QUANTITY AND LOCATIONS.
- K. FIRE SMOKE DAMPERS - PROVIDE DEDICATED 20A-1P, 120V CIRCUIT FOR FIRE SMOKE DAMPERS, MAX. (8) DAMPERS PER CIRCUIT CONNECTED TO THE NORMAL PANEL SERVING THE AREA.
- L. SITE CONVENIENCE POWER - PROVIDE (1) 20A-1P, 120V GFCI WEATHERPROOF DUPLEX RECEPTACLE ON BUILDING FACADE EVERY 25'.
- M. ELEVATOR PIT - PROVIDE VAPORPROOF LIGHT AND (1) DEDICATED 20A-1P, 120V WEATHERPROOF GFCI RECEPTACLE IN ELEVATOR PIT.
- N. VEHICLE CHARGING; PROVIDE (1) ELECTRIC CAR VEHICLE CHARGING STATION AT ADMIN PARKING RATED AT 8KW WITH 208V, 30A-3P FEEDERS. PROVIDE (4) CART POLE MOUNTED PLUG-IN STATIONS RATED AT 120V, 20A.
- O. FEEDERS ROUTED TO FLOOR BOXES, OR TO OCCUPIED AREAS WITH OPEN TO STRUCTURE CEILINGS TO BE RUN IN CONDUIT WITHIN FLOOR BUILD-UP.

KEY NOTES #

- 1. FLOORBOXES WITH FURNITURE FEEDS SERVING WORKSTATIONS SHALL BE SUPPLIED WITH (2) CIRCUITS, ONE OF WHICH SHALL BE AUTOMATICALLY CONTROLLED BASED ON OCCUPANCY. TYP. FOR ALL FLOORBOXES AT WORKSTATIONS.
- 2. PROPOSED CONDUIT ROUTING EMBEDDED IN FLOOR SLAB FROM MAIN ELECTRICAL ROOM TO PANELS ON GROUND FLOOR, AND UP TO 1ST LEVEL. CONDUIT PATH IS DIAGRAMMATIC TO SHOW APPROXIMATE SIZE AND SPACE REQUIRED FOR DISTRIBUTION.
- 3. PROPOSED LOCATION FOR WIRELESS SWITCHPACKS AND WIRELESS AREA CONTROLLERS SERVING NEARBY AREAS. DEVICES SHALL BE LOCATED ABOVE ACCESSIBLE CEILING OR BELOW GYP CEILINGS TO REMAIN ACCESSIBLE.
- 4. PROVIDE DEDICATED CIRCUITS TO EACH RECEPTACLE IN SERVICE PANTRY TO SERVE OWNER SUPPLIED EQUIPMENT: MICROWAVE, COMMERCIAL COFFEE MAKER, TEAKETTLES, DISHWASHER, UNDERCOUNTER REFRIGERATOR. FINAL QUANTITIES, LOCATIONS AND POWER REQUIREMENTS PENDING FINAL EQUIPMENT SELECTIONS. COORDINATE FINAL LOCATIONS WITH ARCHITECT PLANS AND ELEVATIONS, AND OWNER SELECTED EQUIPMENT.
- 5. PROVIDE DEDICATED CIRCUITS TO RECEPTACLES AT PANTRY COUNTER TO SERVE OWNER SUPPLIED EQUIPMENT: MICROWAVE, COMMERCIAL COFFEE MAKER, (2) REFRIGERATORS, FREEZER, TEAKETTLES, (2) DISHWASHERS, TOASTER. FINAL QUANTITIES, LOCATIONS AND POWER REQUIREMENTS PENDING FINAL EQUIPMENT SELECTIONS. COORDINATE FINAL LOCATIONS WITH ARCHITECT PLANS AND ELEVATIONS, AND OWNER SELECTED EQUIPMENT.

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Key Plan

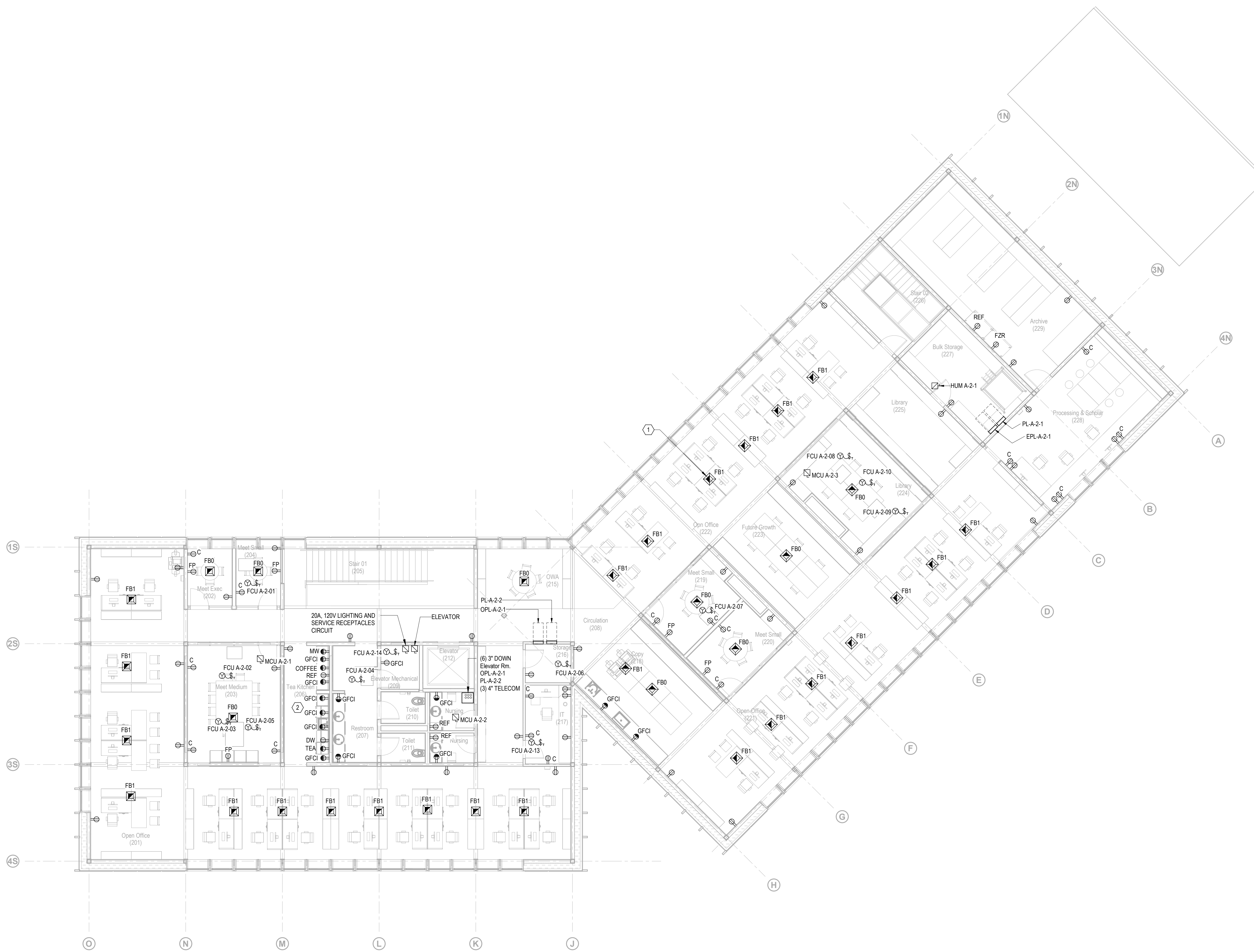
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Power Plan - Ground
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	E-A-101
Sheet Size	ARCH D



GENERAL NOTES

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- D. HVAC EQUIPMENT - PROVIDE (1) 20A-1P, 120V DUPLEX GFCI RECEPTACLE WITHIN 25FT OF ALL HVAC AND REFRIGERATION EQUIPMENT. PROVIDE WEATHERPROOF RECEPTACLE WITH 'WHAILE IN USE' COVER IN EXTERIOR LOCATIONS.
- E. EXTERIOR EQUIPMENT - PROVIDE NEMA 3R MINIMUM RATING FOR ALL EXTERIOR AND ROOF MOUNTED EQUIPMENT INCLUDING DISCONNECT SWITCHES.
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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Power Plan - Second
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	E-A-102
Sheet Size	ARCH D

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- O. FEEDERS ROUTED TO FLOOR BOXES, OR TO OCCUPIED AREAS WITH OPEN TO-STRUCTURE CEILINGS TO BE RUN IN CONDUIT WITHIN FLOOR BUILD-UP.

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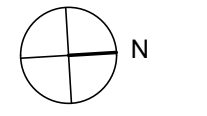
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Key Plan



Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

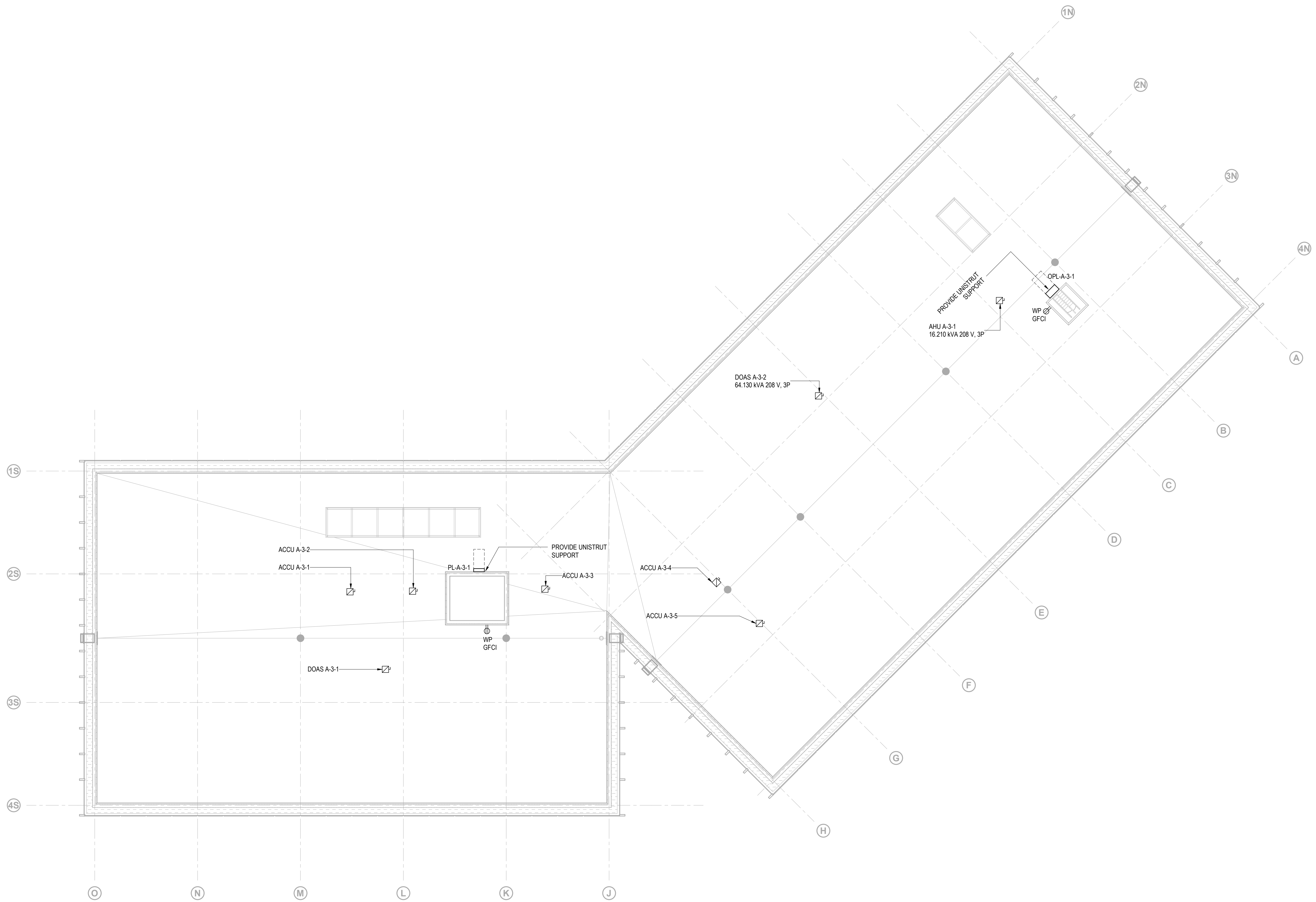
**Storm King
 Art Center
 Administration
 Building**

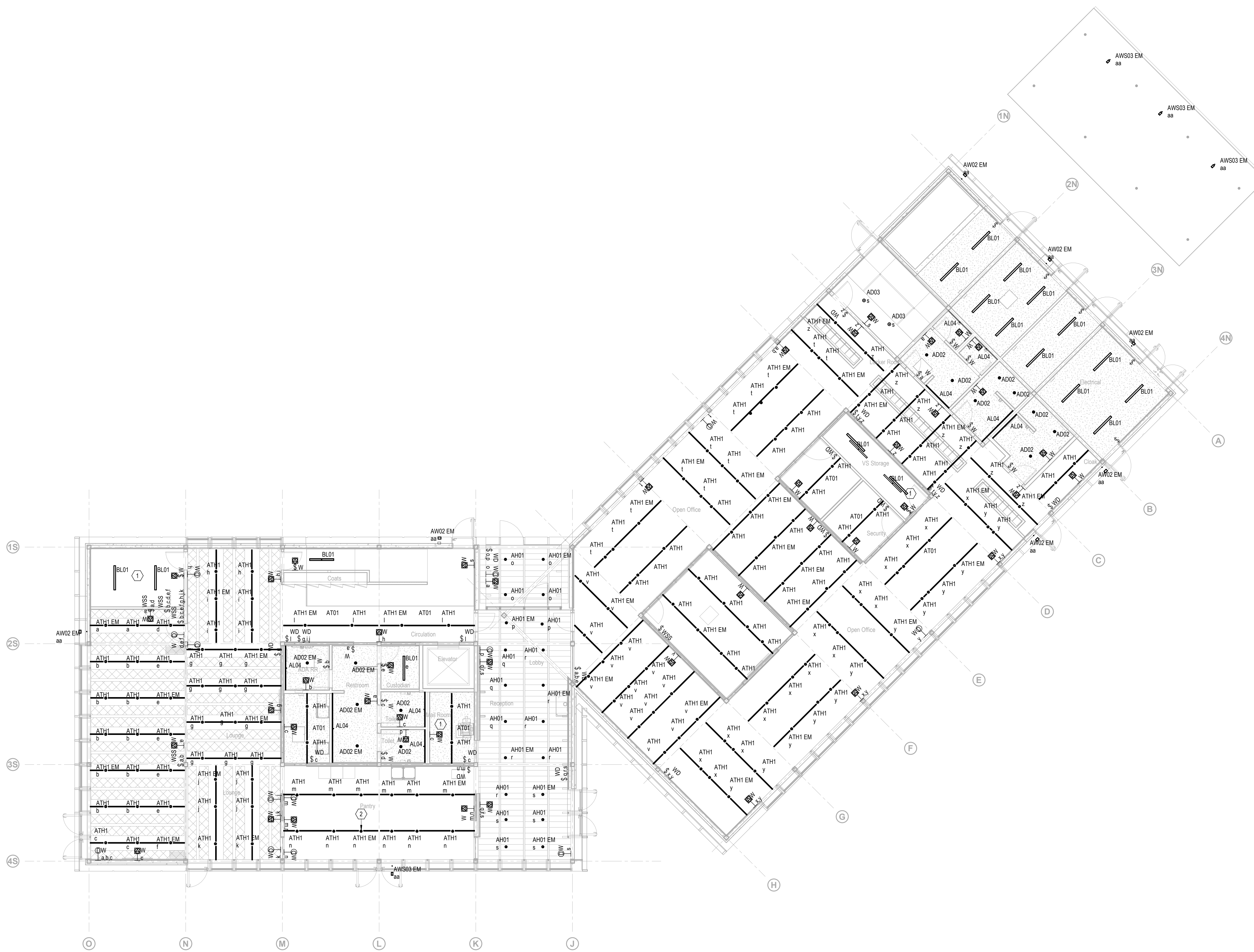
Seal

NOT FOR CONSTRUCTION

Drawing Title
 Power Plan - Roof
 Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	E-A-103
Sheet Size	ARCH D





GENERAL NOTES

- A. PROVIDE AND INSTALL LOW VOLTAGE DIMMING WIRING FOR ALL CONTROL ZONES CONNECTED TO LIGHTING CONTROL SYSTEM INCLUDING SWITCHED-ONLY ZONES.
- B. FLOOR PLANS ARE DIAGRAMMATIC TO REPRESENT REQUIRED OCCUPANCY SENSORS AND SWITCHES TO ACHIEVE CONTROL INTENT. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLIES, WIRELESS RECEIVERS, INTERFACES, ETC. ARE NOT EXPLICITLY SHOWN ON FLOOR PLANS. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLY, AND SWITCHPACKS SHALL BE HIDDEN FROM VIEW, HOUSED IN DEDICATED CLOSET SPACE IN A CENTRAL LOCATION ON EACH FLOOR. ADJUST POWER AND CONTROL WIRING FOR VOLTAGE DROP FROM EACH DEVICE TO THE ZONE IT CONTROLS. PROVIDE ALL DEVICES AND ACCESSORIES FOR A COMPLETE SYSTEM TO ACHIEVE DESIGN INTENT. REFER TO LIGHTING CONTROL DETAILS FOR FURTHER INFORMATION.
- C. WHEN NORMAL POWER IS AVAILABLE, LIGHTING FIXTURES ON EMERGENCY POWER SHALL BE CONTROLLED WITH LIGHTING FIXTURES ON NORMAL POWER IN THE SAME ZONE. IN THE EVENT OF A POWER OUTAGE, EMERGENCY LIGHTING BYPASS RELAY SHALL OVERRIDE NORMAL CONTROL AND SWITCH FIXTURES ON EMERGENCY POWER TO FULL BRIGHTNESS. FIXTURES DESIGNATED EM ON THE CENTRALIZED LIGHTING CONTROL SYSTEM SHALL BE CONNECTED TO EMERGENCY PANEL. REFER TO LIGHTING CONTROL DETAILS.
- D. WIRELESS SWITCHPACKS AND WIRELESS AREA CONTROLLERS SHALL BE LOCATED IN BACK OF HOUSE SPACES. THESE SHALL NOT BE LOCATED IN VISIBLE AREAS WITH EXPOSED CEILINGS IN PUBLIC AND OFFICE SPACES. REFER TO KEYED NOTES FOR PROPOSED LOCATIONS.
- E. EXTERIOR SITE LIGHTING SHALL BE CONNECTED WITH #4 AWG CONDUCTOR TO OFFSET VOLTAGE DROP. CIRCUITS SHALL NOT EXCEED 8 AMPS CONNECTED LOAD.

KEY NOTES

- 1. PROPOSED LOCATION FOR WIRELESS SWITCHPACKS AND WIRELESS AREA CONTROLLERS SERVING NEARBY AREAS. DEVICES SHALL BE LOCATED ABOVE ACCESSIBLE CEILING OR BELOW GYP CEILINGS TO REMAIN ACCESSIBLE.
- 2. ATH1 FIXTURES ON EMERGENCY POWER SHALL BE HARD WIRED SEPARATELY FROM BUSRUN (FIXTURE TYPE AT01). PROVIDE INTERNAL SPLICE TO MAINTAIN CONTINUITY OF THE MAIN BUSWAY. HARD WIRE EMERGENCY CIRCUITS FROM FEED ACCESS ABOVE BUSWAY. PROVIDE MANUFACTURER SUPPLIED SPLICE BOX SECTION AND COVER TO MAINTAIN A SEAMLESS APPEARANCE OF THE BUSRUN. PROVIDE ALL ACCESSORIES AND FITTINGS FOR A COMPLETE AND SEAMLESS INSTALLATION. TYPICAL.

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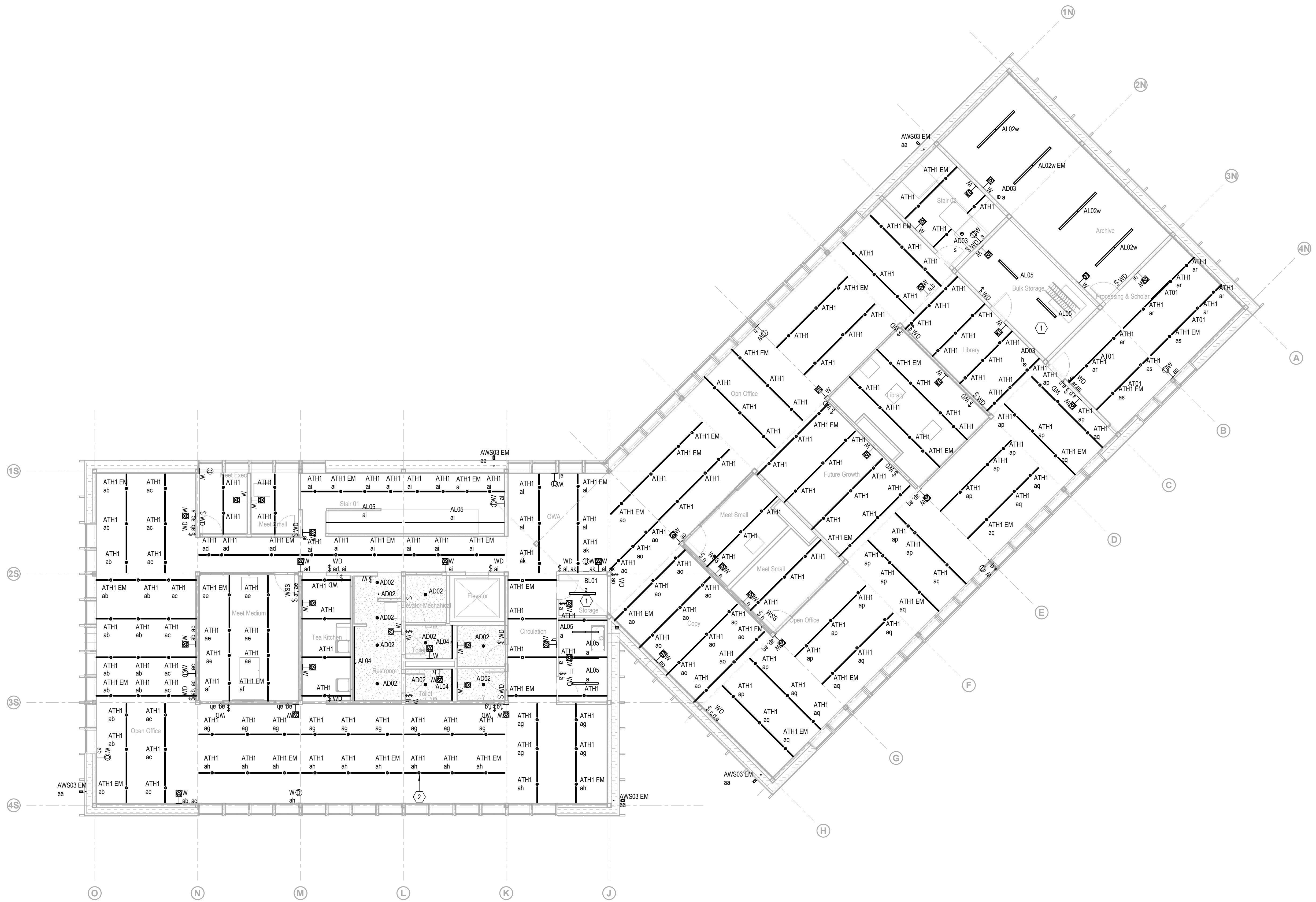
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
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 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Lighting Plan -
 Ground Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	E-A-201
Sheet Size	ARCH D



GENERAL NOTES

- A. PROVIDE AND INSTALL LOW VOLTAGE DIMMING WIRING FOR ALL CONTROL ZONES CONNECTED TO LIGHTING CONTROL SYSTEM INCLUDING SWITCHED-ONLY ZONES.
- B. FLOOR PLANS ARE DIAGRAMMATIC TO REPRESENT REQUIRED OCCUPANCY SENSORS AND SWITCHES TO ACHIEVE CONTROL INTENT. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLIES, WIRELESS RECEIVERS, INTERFACES, ETC. ARE NOT EXPLICITLY SHOWN ON FLOOR PLANS. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLY, AND SWITCHPACKS SHALL BE HIDDEN FROM VIEW, HOUSED IN DEDICATED CLOSET SPACE IN A CENTRAL LOCATION ON EACH FLOOR. ADJUST POWER AND CONTROL WIRING FOR VOLTAGE DROP FROM EACH DEVICE TO THE ZONE IT CONTROLS. PROVIDE ALL DEVICES AND ACCESSORIES FOR A COMPLETE SYSTEM TO ACHIEVE DESIGN INTENT. REFER TO LIGHTING CONTROL DETAILS FOR FURTHER INFORMATION.
- C. WHEN NORMAL POWER IS AVAILABLE, LIGHT FIXTURES ON EMERGENCY POWER SHALL BE CONTROLLED WITH LIGHTING FIXTURES ON NORMAL POWER IN THE SAME ZONE. IN THE EVENT OF A POWER OUTAGE, EMERGENCY LIGHTING BYPASS RELAY SHALL OVERRIDE NORMAL CONTROL AND SWITCH FIXTURES ON EMERGENCY POWER TO FULL BRIGHTNESS. FIXTURES DESIGNATED EM ON THE CENTRALIZED LIGHTING CONTROL SYSTEM SHALL BE CONNECTED TO EMERGENCY PANEL. REFER TO LIGHTING CONTROL DETAILS.
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- E. EXTERIOR SITE LIGHTING SHALL BE CONNECTED WITH #4 AWG CONDUCTOR TO OFFSET VOLTAGE DROP. CIRCUITS SHALL NOT EXCEED 8 AMPS CONNECTED LOAD.

KEY NOTES

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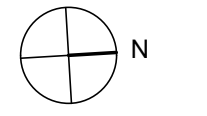
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Key Plan



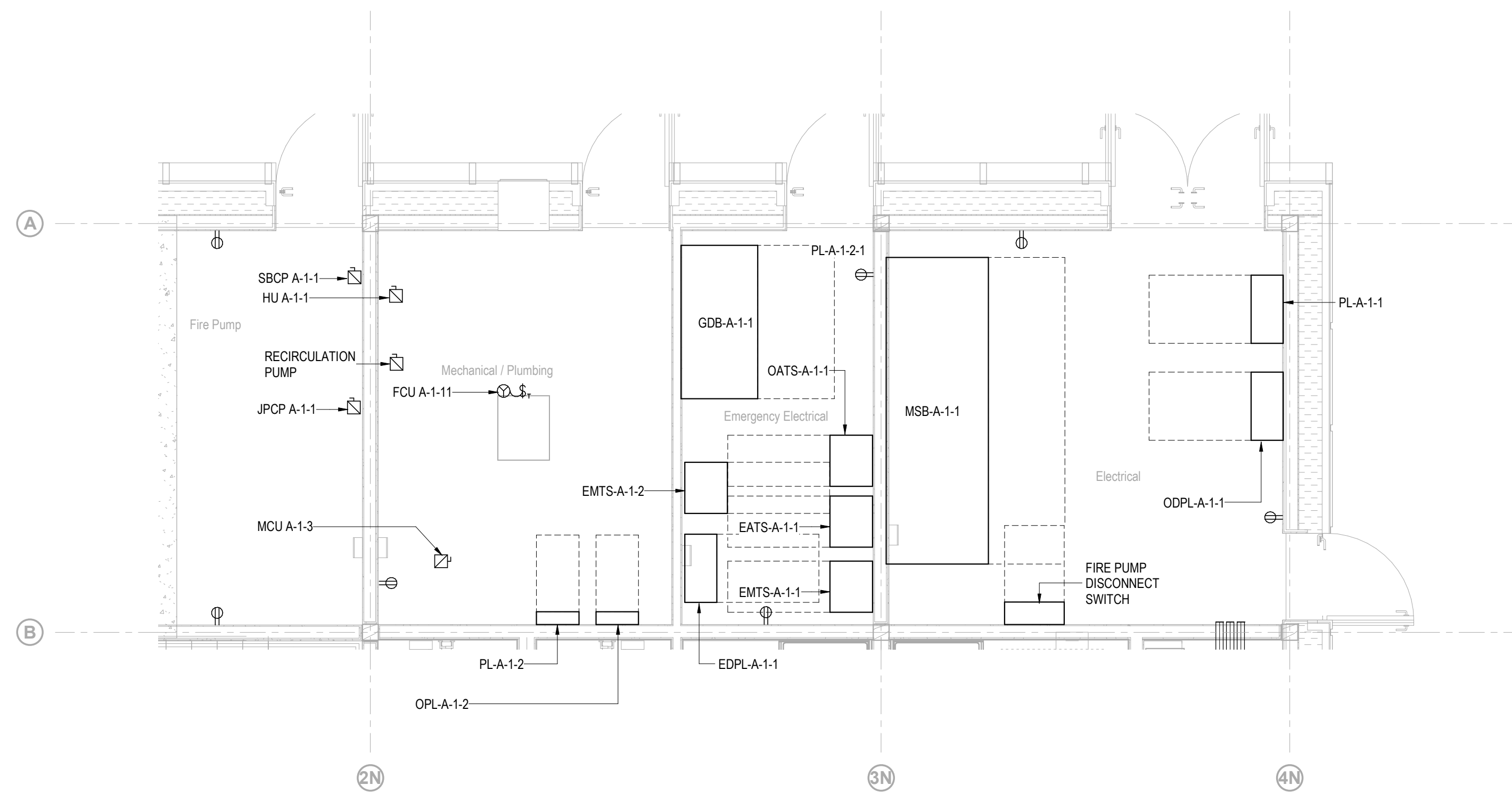
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Lighting Plan -
 Second Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	E-A-202
Sheet Size	ARCH D



1 ELECTRICAL AND MECHANICAL ROOMS ENLARGED PLAN - ELECTRICAL POWER
SCALE 1/4" = 1'-0"

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

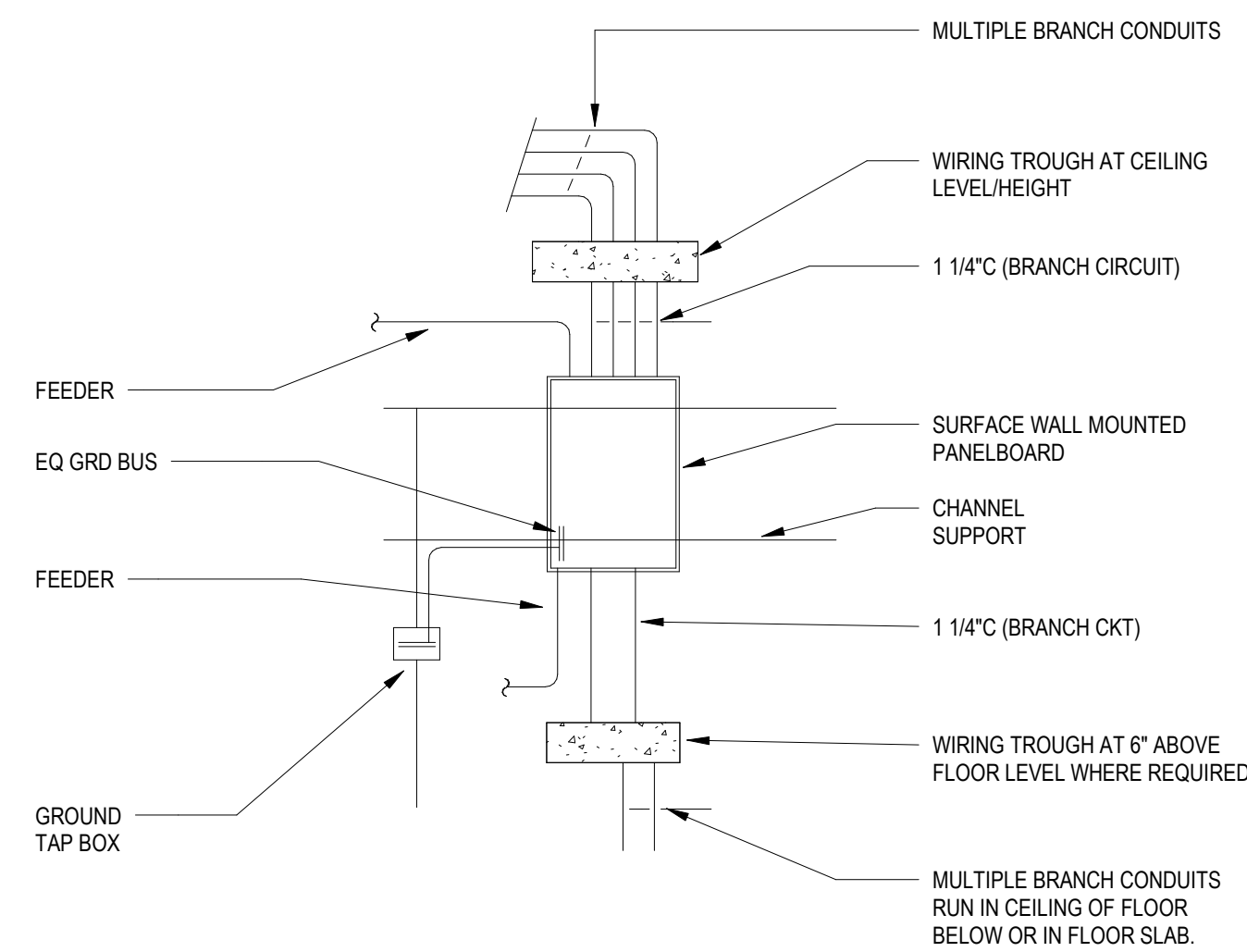
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

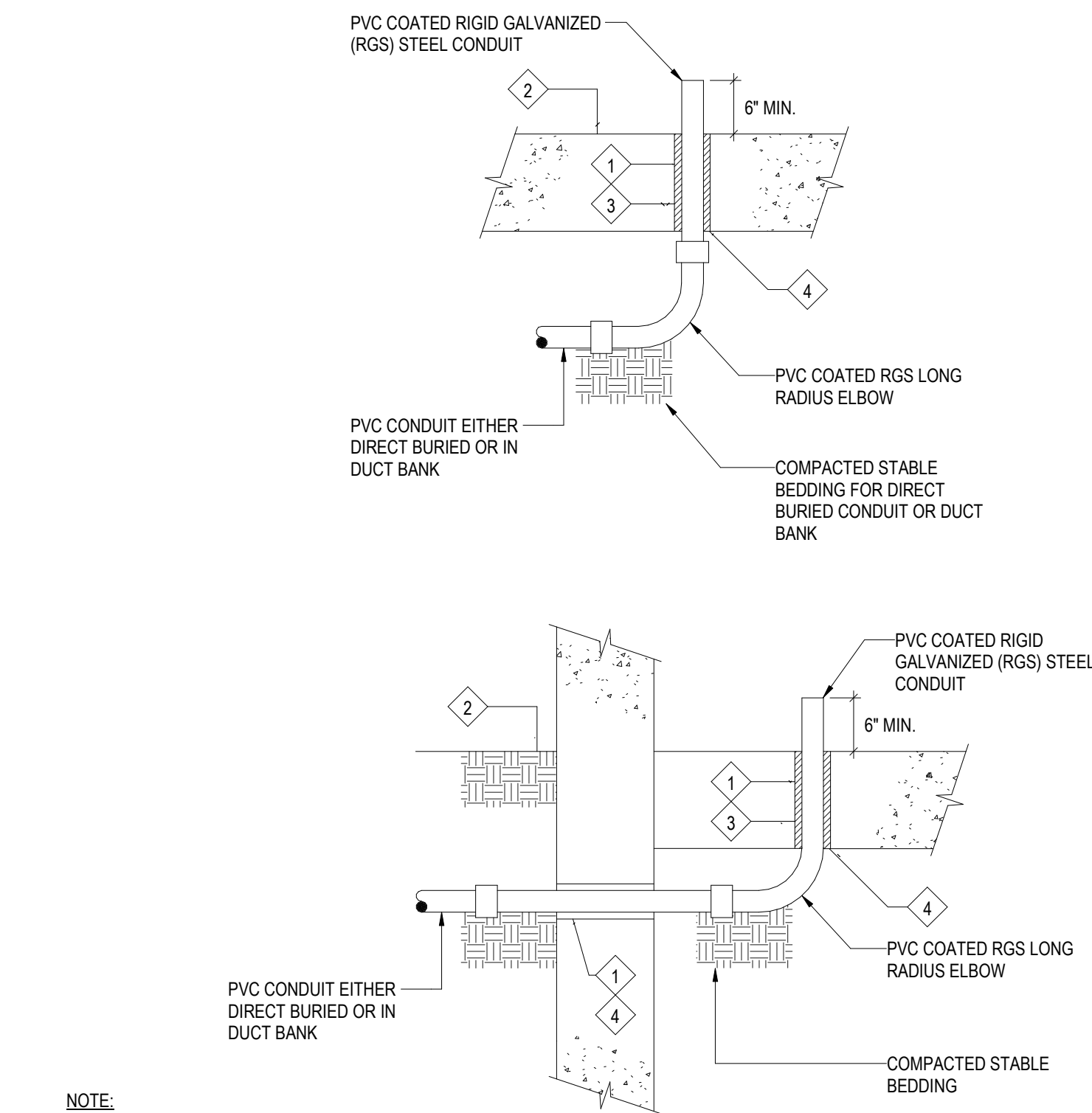
Drawing Title
Enlarged Plans

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	E-A-401
Sheet Size	ARCH D



1 TYPICAL PANELBOARD INSTALLATION

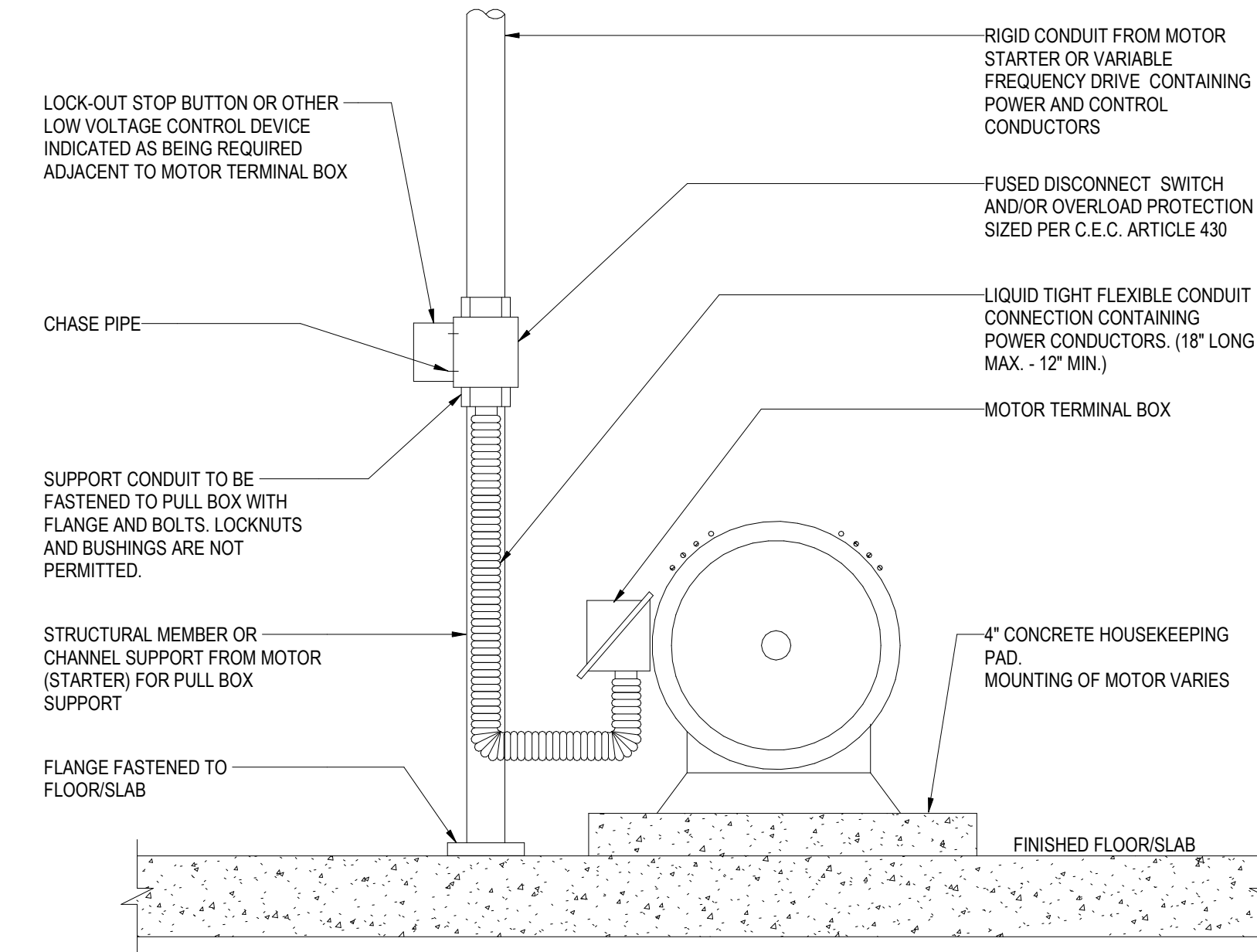
NOT TO SCALE



- NOTE:
- 1 PROVIDE SLEEVE AND WATERTIGHT CONDUIT SEAL.
 - 2 TOP OF A CONCRETE FLOOR SLAB OR HOUSEKEEPING PAD.
 - 3 PROVIDE U.L. LISTED SEALANT TO PREVENT THE TRANSFER OF METHANE GAS.
 - 4 CONTRACTOR TO COORDINATE ALL PENETRATIONS WITH STRUCTURAL ENGINEER.

2 ON-GRADE FLOOR SLAB CONDUIT STUB-UP DETAILS

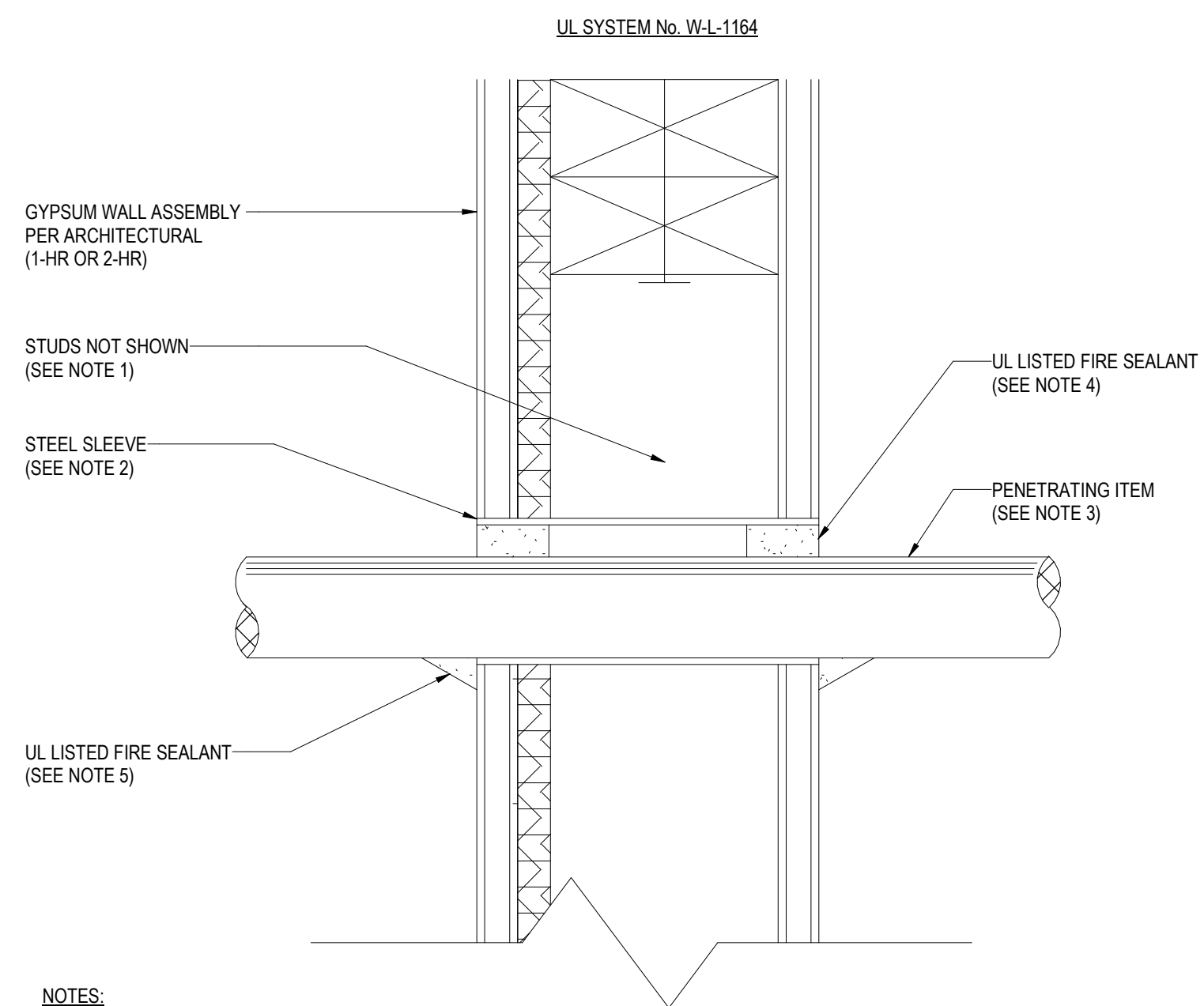
NOT TO SCALE



- NOTES:
1. MOTOR SHALL BE FURNISHED AND INSTALLED BY OTHERS U.O.N. AND WIRED BY DIVISION 26.
 2. INSTALL FLEXIBLE CONDUIT SLACK-TO-THE-TOUCH TO ALLOW FREE MOTION OF THE MOTOR SHIELD.

3 TYPICAL FLOOR MOUNTED MOTOR CONNECTION

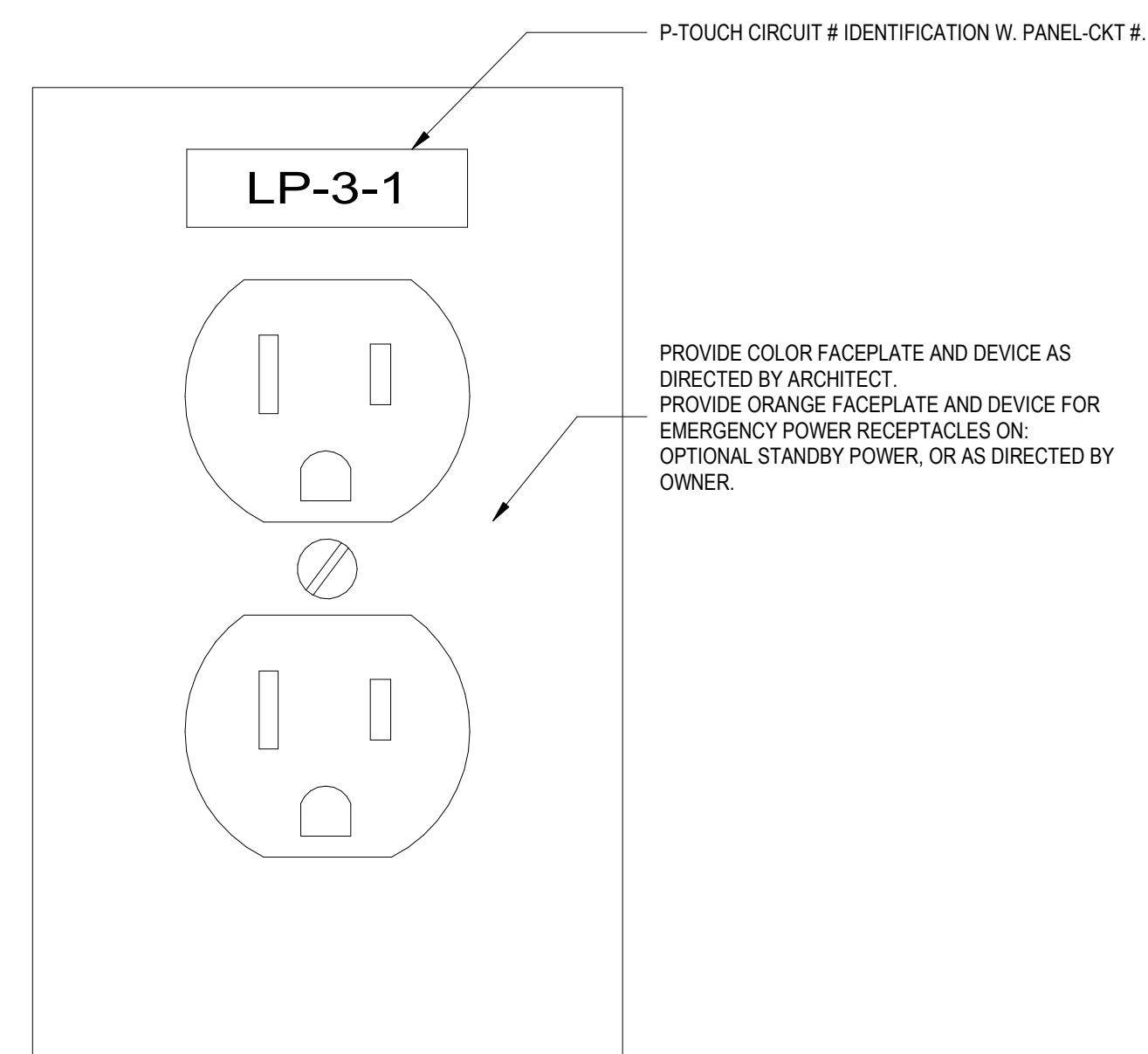
NOT TO SCALE



- NOTES:
1. WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE. REFER TO ARCHITECTURAL DETAILS.
 2. MAXIMUM 32" DIAMETER STEEL PIPE SLEEVE. MAXIMUM DIAMETER OPENING = 32" FOR STEEL STUD WALLS AND 14-1/2" FOR WOOD STUD WALLS. ANNULAR SPACE = 0" MINIMUM AND 1-7/8" MAXIMUM.
 3. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT AND/OR MAXIMUM 4" NOMINAL DIAMETER EMT CONDUIT.
 4. MINIMUM 5/8" DEPTH FOR 1-HR FIRE RATING AND 1-1/4" FOR 2-HR FIRE RATING HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT OR EQUAL FLUSH WITH WALL. MATCH THE FIRE RATING OF ASSEMBLY PER ARCHITECTURAL DRAWINGS.
 5. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT OR EQUAL AT POINT OF CONTACT.
 6. MAXIMUM 32" DIAMETER STEEL PIPE SLEEVE. MAXIMUM DIAMETER OPENING = 32" FOR STEEL STUD WALLS AND 14-1/2" FOR WOOD STUD WALLS. ANNULAR SPACE = 0" MINIMUM AND 1-7/8" MAXIMUM.
 7. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT AND/OR MAXIMUM 4" NOMINAL DIAMETER EMT CONDUIT.
 8. MINIMUM 5/8" DEPTH FOR 1-HR FIRE RATING AND 1-1/4" FOR 2-HR FIRE RATING HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT OR EQUAL FLUSH WITH WALL. MATCH THE FIRE RATING OF ASSEMBLY PER ARCHITECTURAL DRAWINGS.
 9. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT OR EQUAL AT POINT OF CONTACT.

4 CONDUIT PENETRATION THRU RATED INTERIOR WALL

NOT TO SCALE



5 RECEPTACLE IDENTIFICATION DETAIL

NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

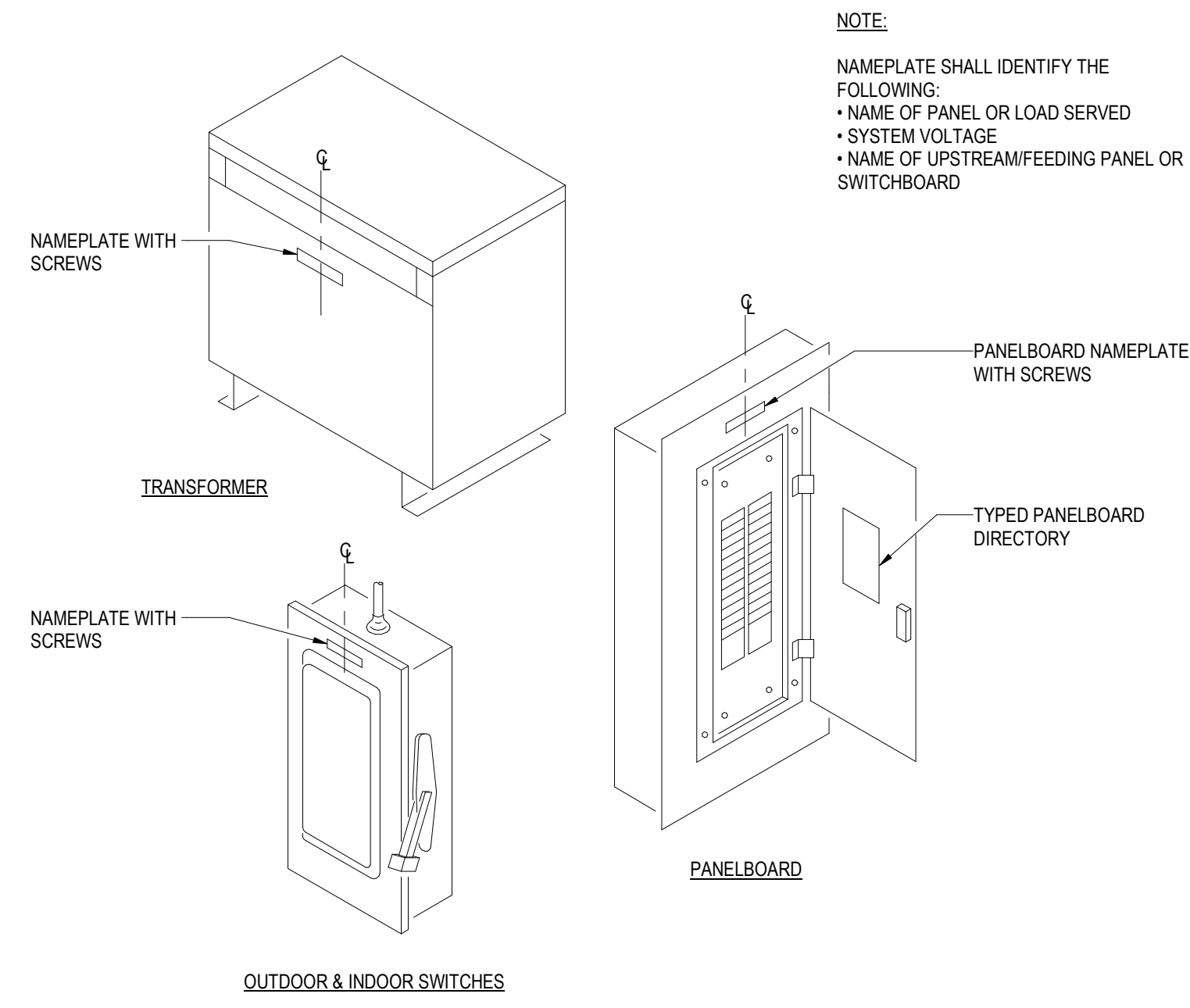
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

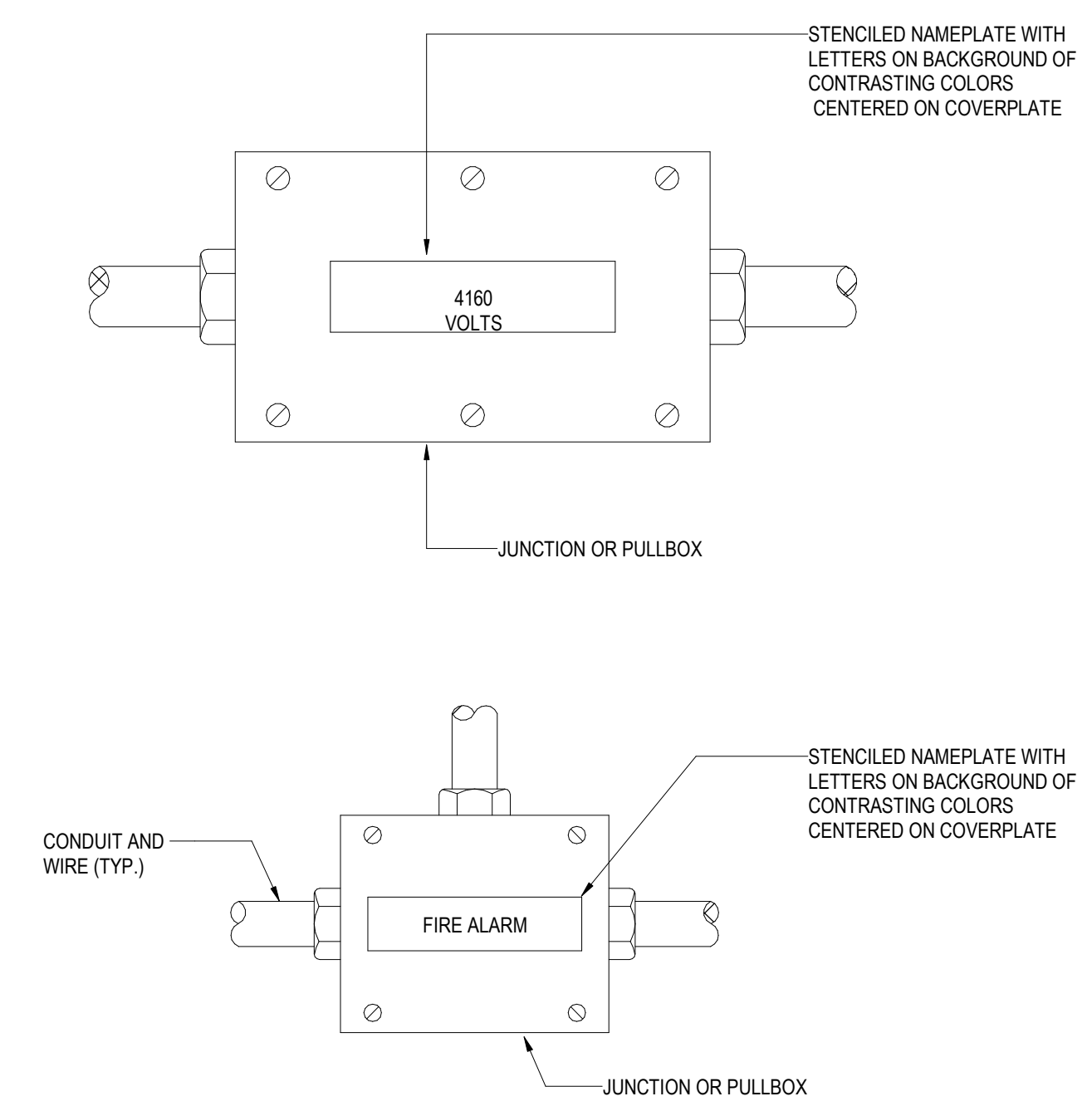
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Electrical Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-501
Sheet Size	ARCH D



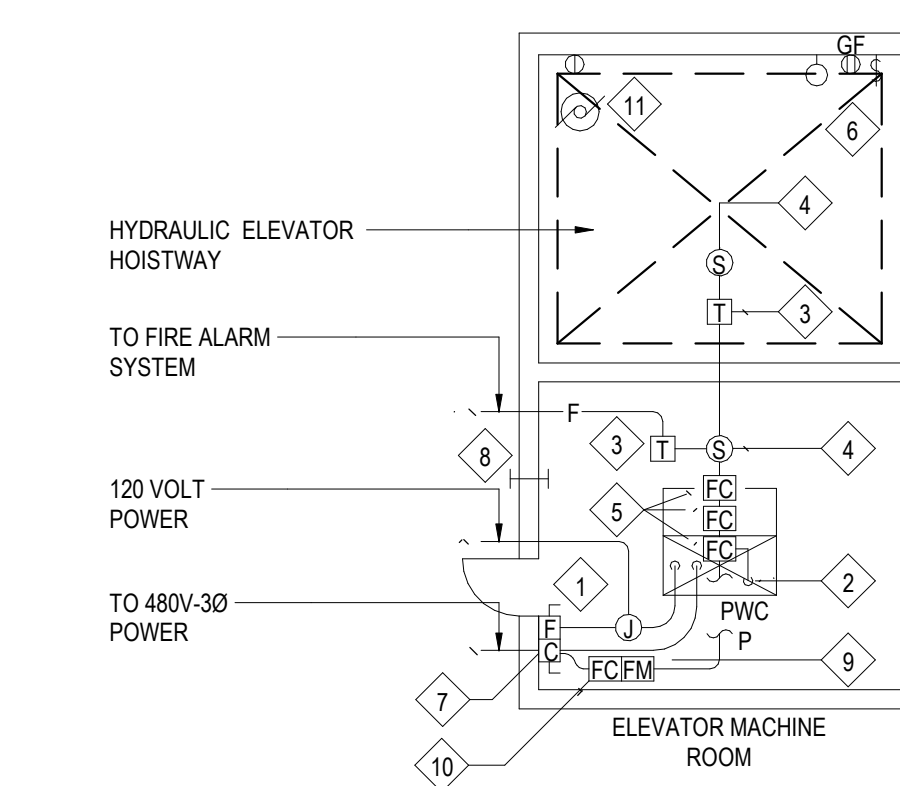
NOTES:

- REFER TO SPECIFICATION 260553 FOR LABELING REQUIREMENTS.
- PROVIDE LAMINATED, ENGRAVED PLASTIC NAMEPLATES WITH 3/8 INCH HIGH LETTERS FOR ALL SWITCHGEAR, SWITCHBOARDS, MOTOR CONTROL CENTERS, TRANSFER SWITCHES, PANELBOARDS, SIGNAL SYSTEM EQUIPMENT CABINETS, AND TERMINAL CABINETS.
- PROVIDE SIMILAR NAMEPLATES WITH 3/8 INCH HIGH LETTERS FOR TRANSFORMERS, TIME SWITCHES, INDIVIDUALLY MOUNTED BREAKERS, SWITCHES AND CONTROLS, SWITCHBOARDS, AND MOTOR CENTER BRANCH DEVICES.
- ATTACH NAMEPLATES TO GEAR WITH SHEET METAL SCREWS. ADHESIVE MOUNTED NAMEPLATES ARE NOT ACCEPTABLE.
- REFER TO SINGLE LINE DIAGRAMS AND SCHEDULES FOR ACTUAL DESIGNATIONS AND CIRCUIT NUMBERS THAT APPLY TO THIS PROJECT.



NOTES:

- REFER TO SPECIFICATION 260553 FOR LABELING REQUIREMENTS.
- PROVIDE READILY VISIBLE BLOCK LETTER STENCILLED DESIGNATIONS FOR THE FOLLOWING WITH 3/8 INCH HIGH MINIMUM LETTERS ON BACKGROUND OF CONTRASTING COLORS:
A. JUNCTION AND PULL BOXES OF SIGNAL AND COMMUNICATION SYSTEMS IDENTIFYING SYSTEM AND VOLTAGE.
B. LIGHTING OUTLET AND JUNCTION BOXES: IDENTIFY VOLTAGE AND CIRCUITS CONTAINED WITHIN BOX.
C. 480V OUTLET AND JUNCTION BOXES: 480V. IDENTIFY CIRCUITS.
D. EACH 10 FOOT LENGTH OF MEDIUM VOLTAGE CONDUIT, EXPOSED OR IN ACCESSIBLE CEILING SPACE AND ASSOCIATED JUNCTION AND PULL BOXES: DANGER HIGH VOLTAGE
E. FEEDER CONDUIT RUNS ON 25 FOOT CENTERS ON BOTH SIDES OF WALL AND FLOOR PENETRATIONS AND ABOVE DEMOUNTABLE CEILINGS. INDICATE CIRCUIT DESIGNATION AND NUMBER ON ALL FEEDERS. INDICATE SYSTEM ON ALL SIGNAL AND COMMUNICATIONS SYSTEM CONDUIT SIZED 1 1/2" AND LARGER.



NOTES:

- 240V- 3ØA FUSIBLE SWITCH WITH 20A FUSES FOR ELEVATOR CAR. PROVIDE NAMEPLATE "LIGHT/ ACCESSORIES".
- ALL CONNECTIONS TO PWCs BY ELEVATOR SUB-CONTRACTOR.
- ADDRESSABLE THERMAL DETECTOR AT EACH SPRINKLER HEAD IN MACH. RM & HOISTWAY.
- SMOKE DETECTOR IN MACH. ROOM FOR ELEVATOR RECALL.
- ELEVATOR RECALL ADDRESSABLE CONTROL MODULES FOR PRIMARY, ALTERNATE FLOOR, AND FIREMAN'S HAT SELECTION.
- PROVIDE LIGHT, SWITCH AND GFCI DUPLEX RECEPTACLE IN ELEVATOR PIT. SEE PLAN FOR DETAILS.
- ELEVATOR POWER MODULE SWITCH REFERENCE "ELEVATOR AUTOMATIC POWER DISCONNECTION DETAIL" FOR ADDITIONAL WIRING REQUIREMENTS AND SPECIFICATIONS.
- TELEPHONE WIRING SLEEVE 1/2 INCH EMT WITH INSULATION BUSHINGS ON BOTH ENDS. VERIFY LOCATION.
- ADDRESSABLE MONITOR MODULES FOR VOLTAGE MONITORING AT ELEVATOR POWER MODULE SWITCH.
- ADDRESSABLE CONTROL MODULE FOR CONTROLLING SHUNT TRIP ACTIVATION. PROVIDE SIMPLEX RECEPTACLE FOR SUMP PUMP.

1 IDENTIFICATION OF ELECTRICAL EQUIPMENT

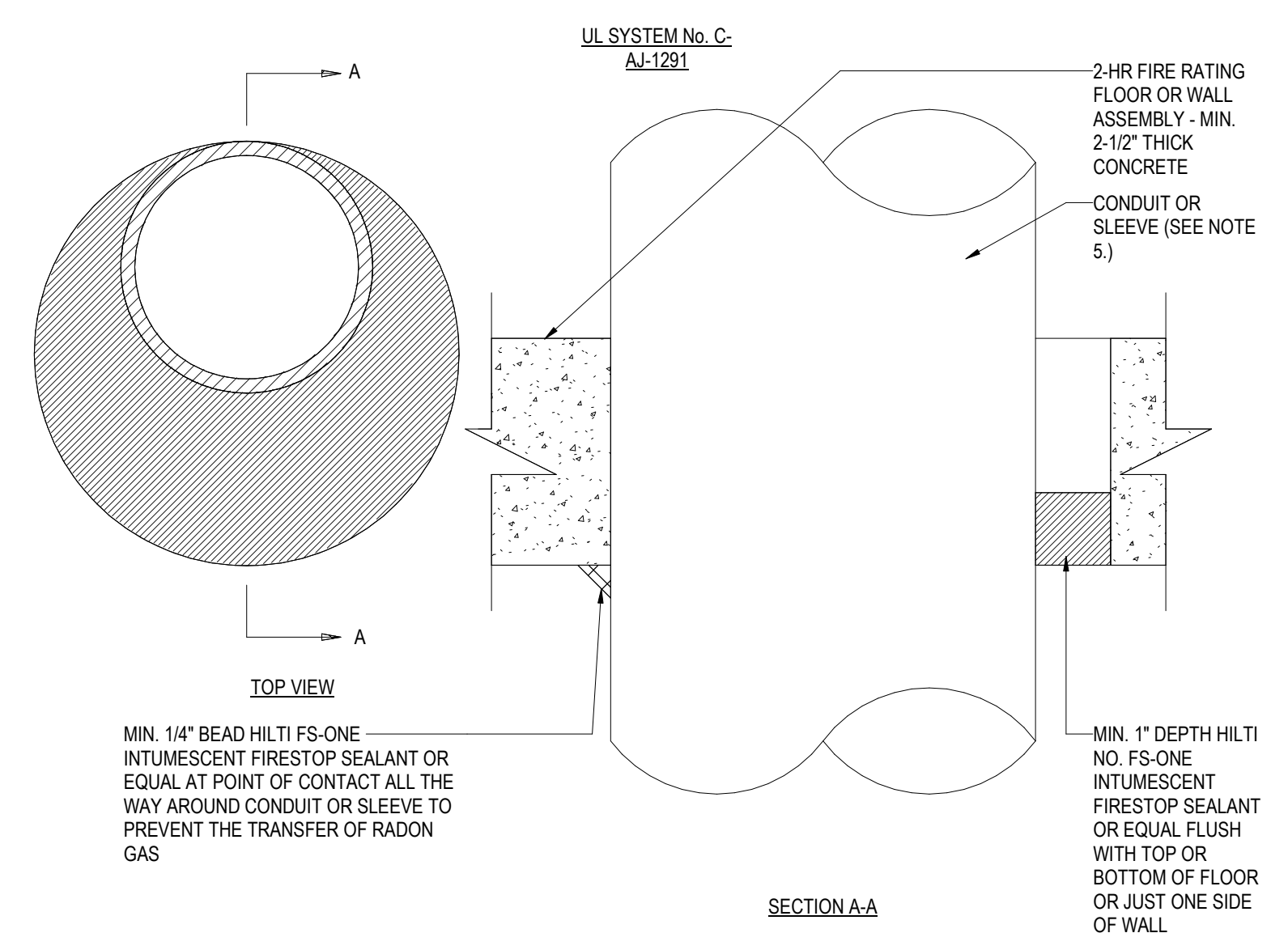
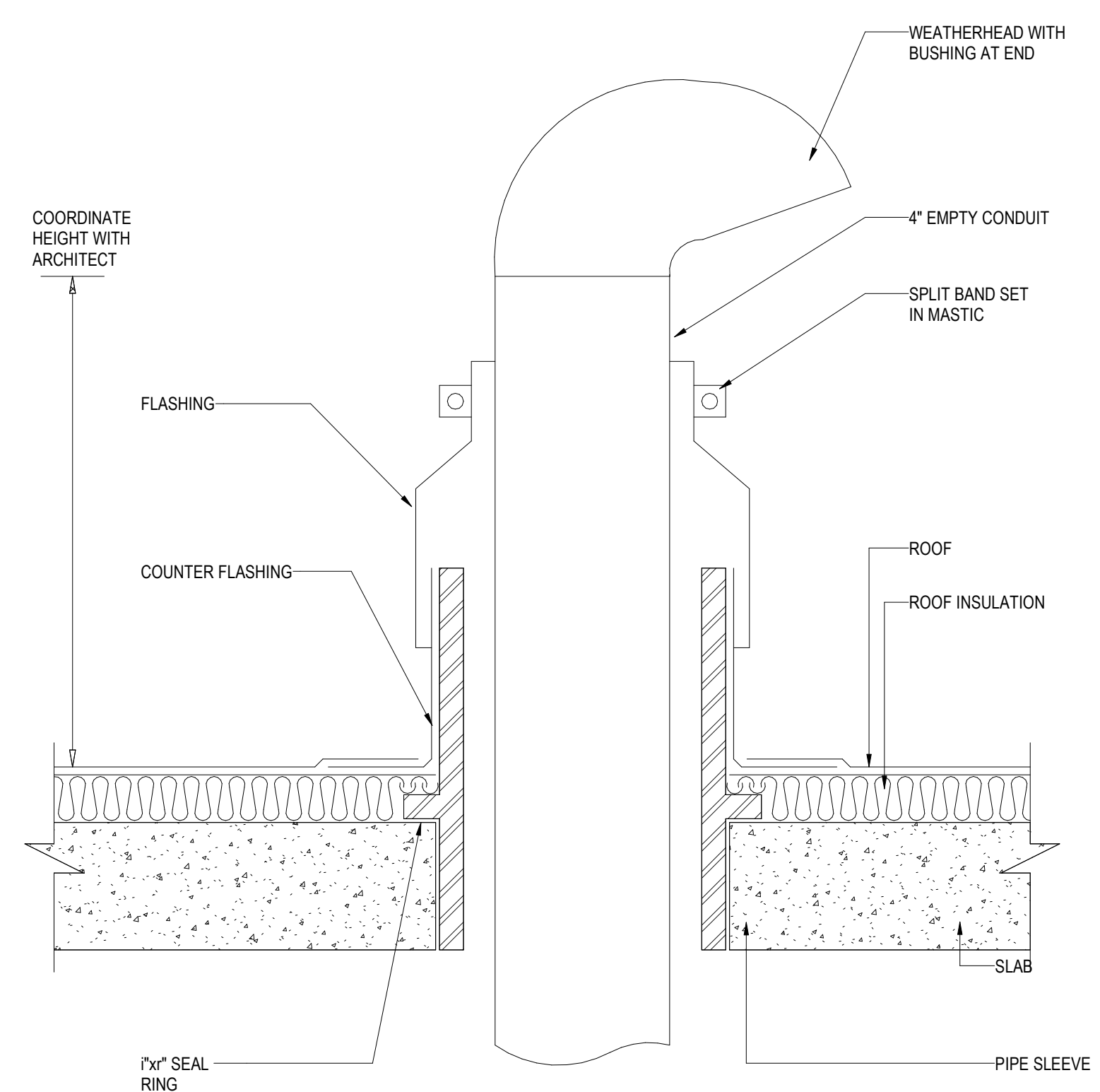
NOT TO SCALE

2 IDENTIFICATION OF ELECTRICAL BOXES

NOT TO SCALE

3 TYPICAL ELEVATOR WIRING REQUIREMENTS

NOT TO SCALE



NOTES:

- CONDUIT MAY BE CENTERED OR OFFSET IN HOLE. MAXIMUM DIAMETER OF HOLE OPENING IS 14 INCHES.
- TEMPORARY FORMS MA BE REQUIRED TO SUPPORT THE FIRESTOP SEALANT WHILE IT CURES.
- FOR CONDUIT SLEEVE INSTALLATIONS PROVIDE AROUND CONDUCTORS WITHIN SLEEVE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND EXTERNAL FIRESTOPPING AROUND SLEEVES (WHERE APPLICABLE) AND CONDUIT.
- MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT AND MAXIMUM 4" NOMINAL DIAMETER EMT CONDUIT.

4 CONDUIT PENETRATION THRU ROOF DETAIL

NOT TO SCALE

5 CONDUIT THROUGH 2-HR CONCRETE WALL/SLAB

NOT TO SCALE

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Key Plan

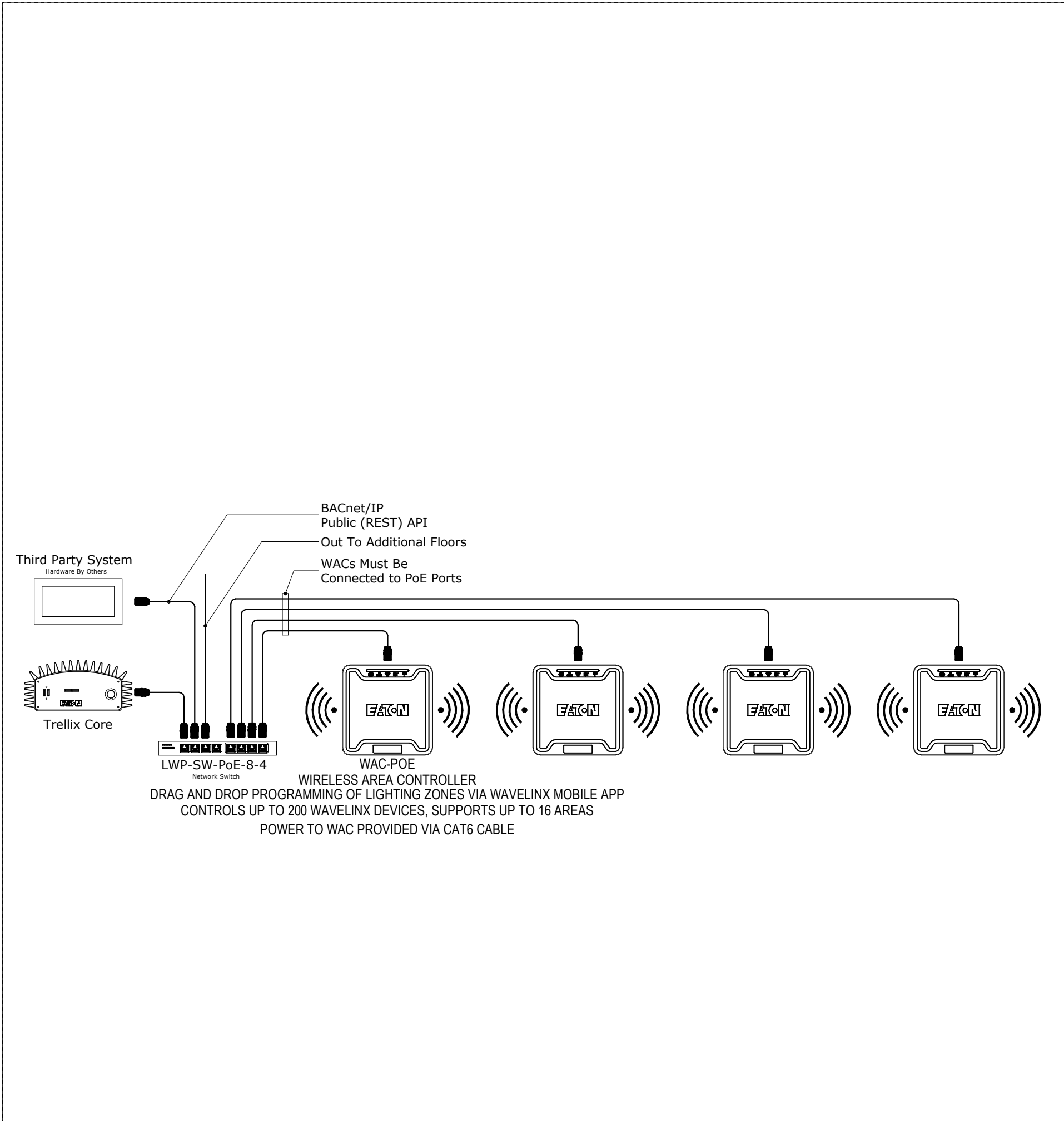
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

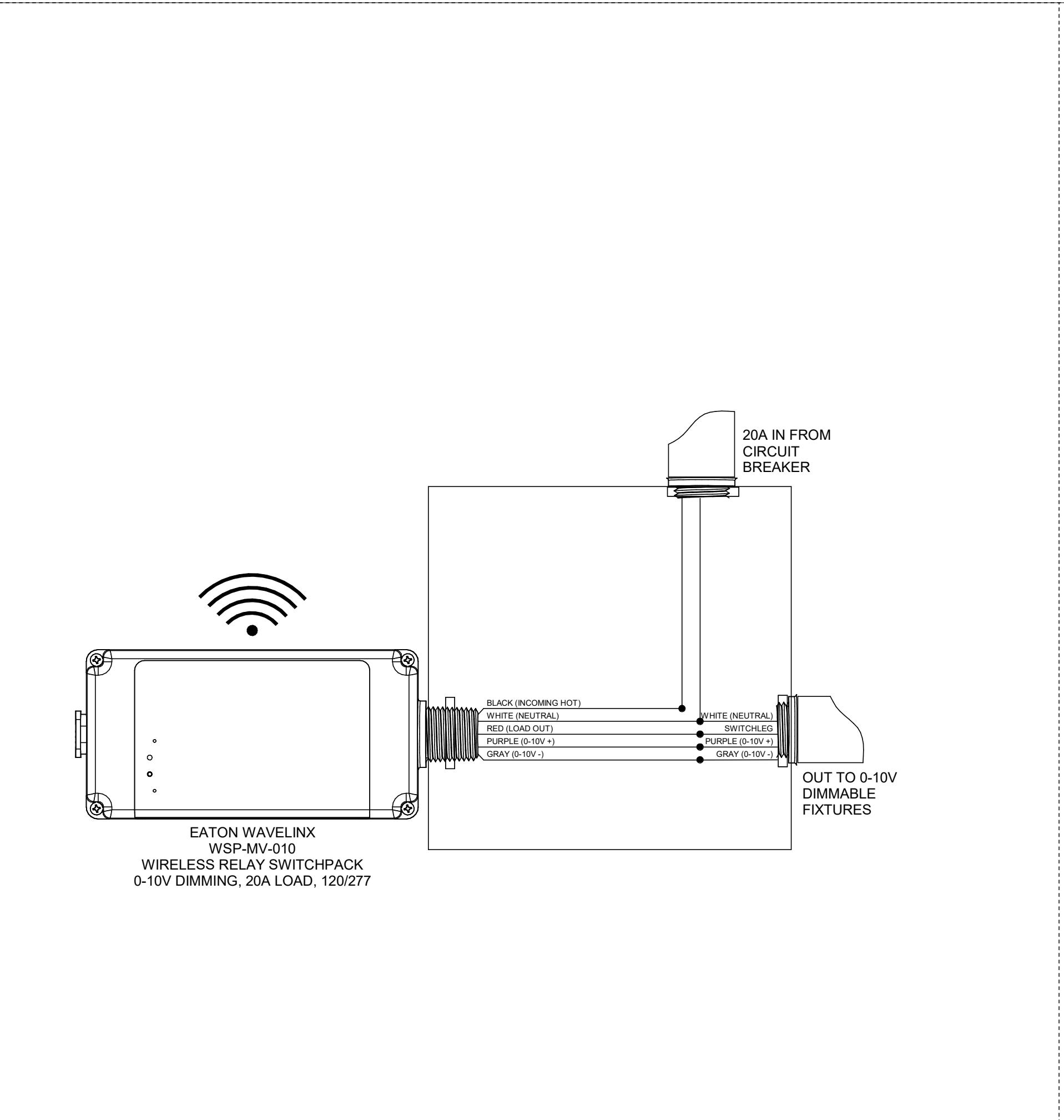
Seal

NOT FOR CONSTRUCTION
Drawing Title
Electrical Details

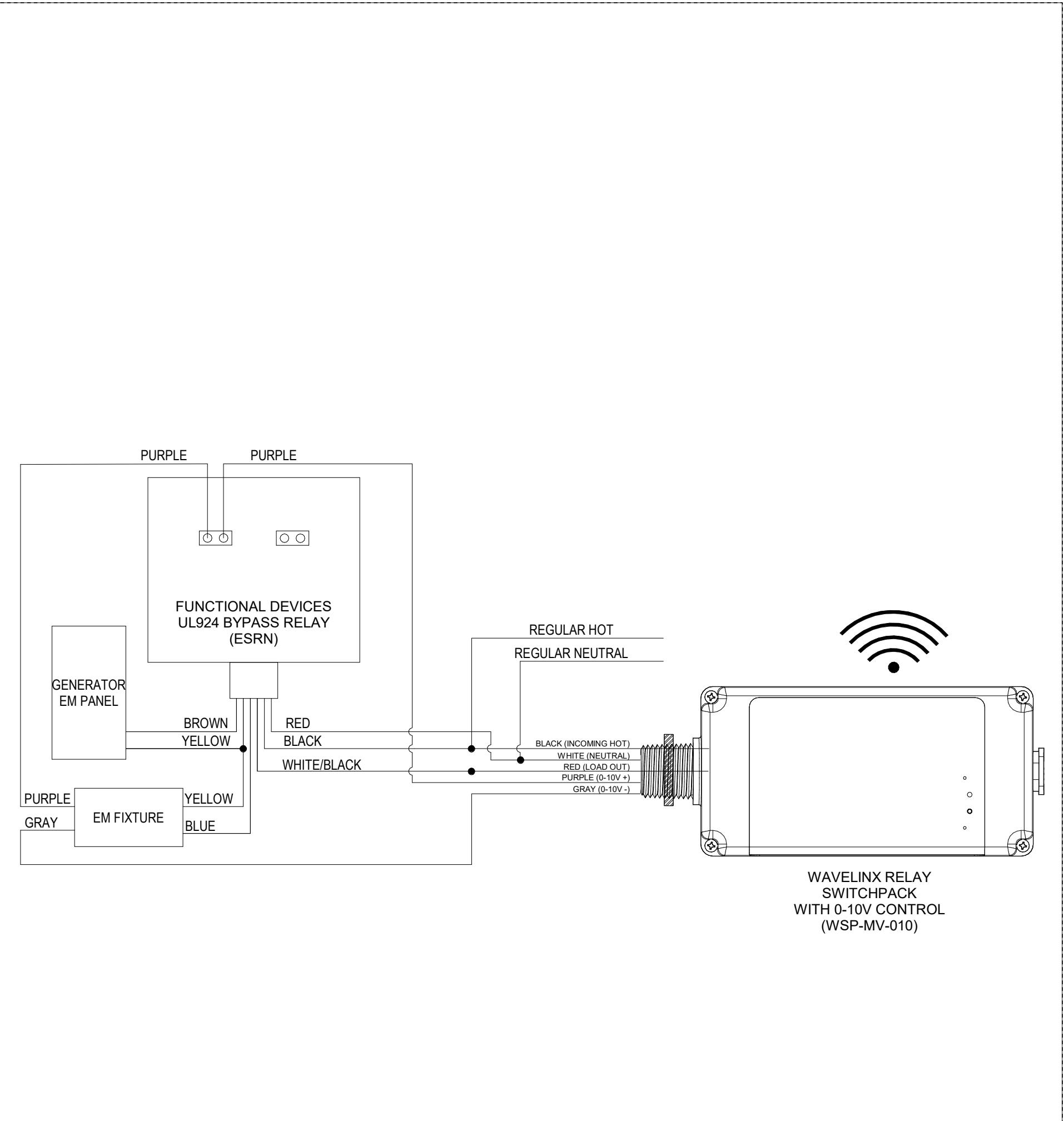
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Scale	Not to Scale
Drawing Number	E-A-502
Sheet Size	ARCH D



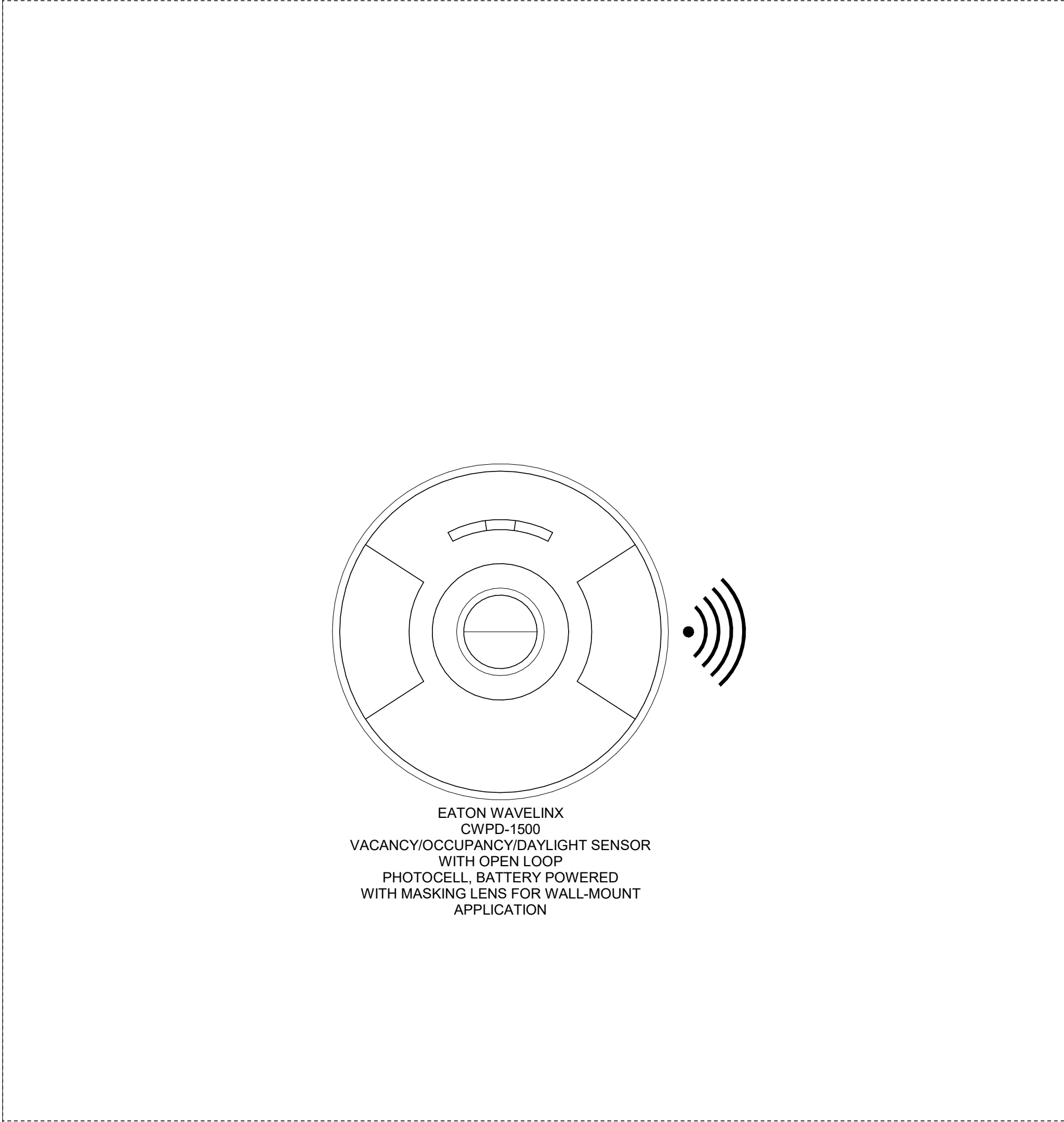
1 NETWORKED LIGHTING CONTROL DETAIL - TYPICAL FOR ALL AREAS
NOT TO SCALE



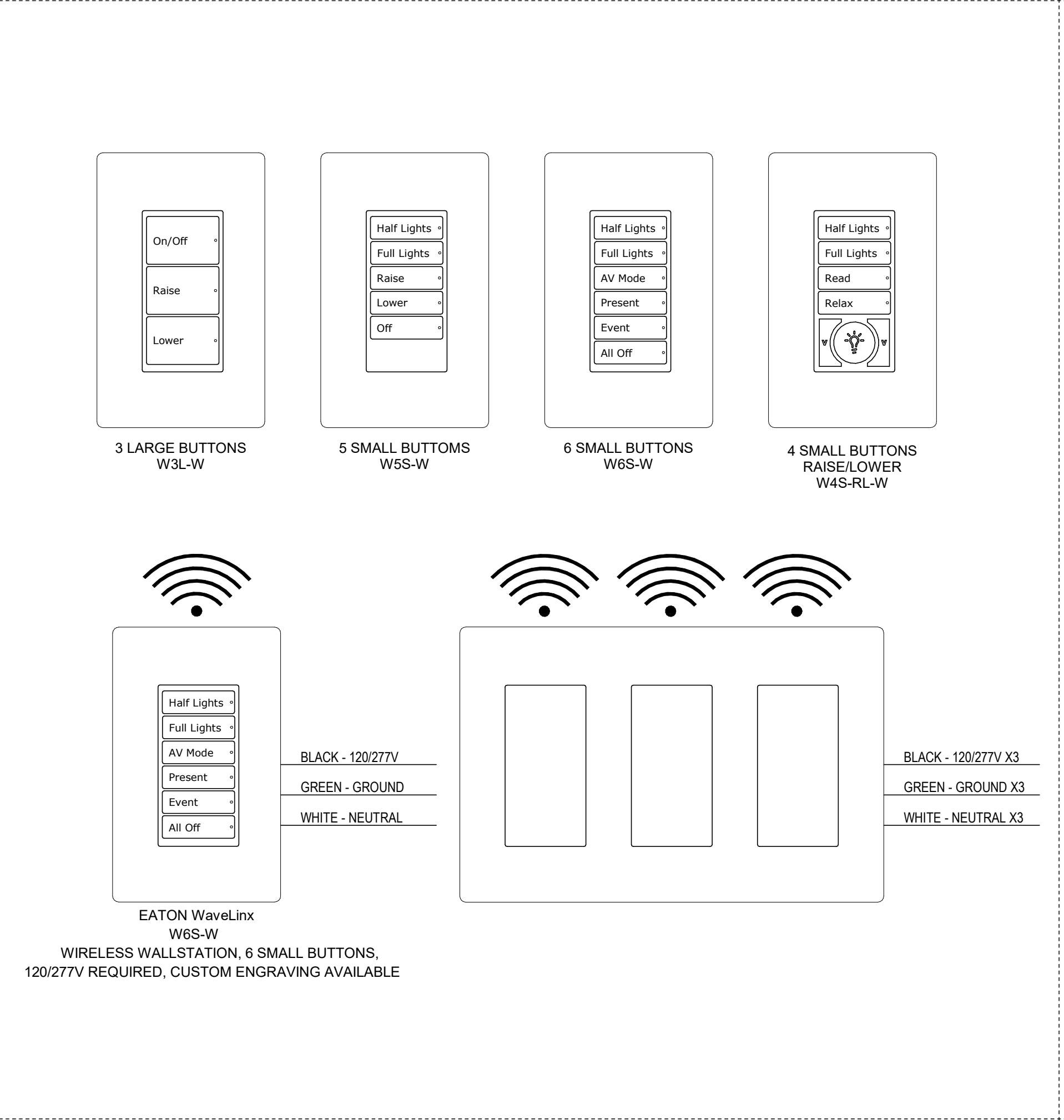
2 TYPICAL WIRELESS SWITCHPACK WIRING DETAIL
NOT TO SCALE



3 EMERGENCY BYPASS RELAY AND WIRELESS SWITCHPACK DETAIL
NOT TO SCALE



4 WIRELESS BATTERY POWERED OCCUPANCY/DAYLIGHT SENSOR DETAIL
NOT TO SCALE



5 WIRELESS WALL STATION DETAILS
NOT TO SCALE

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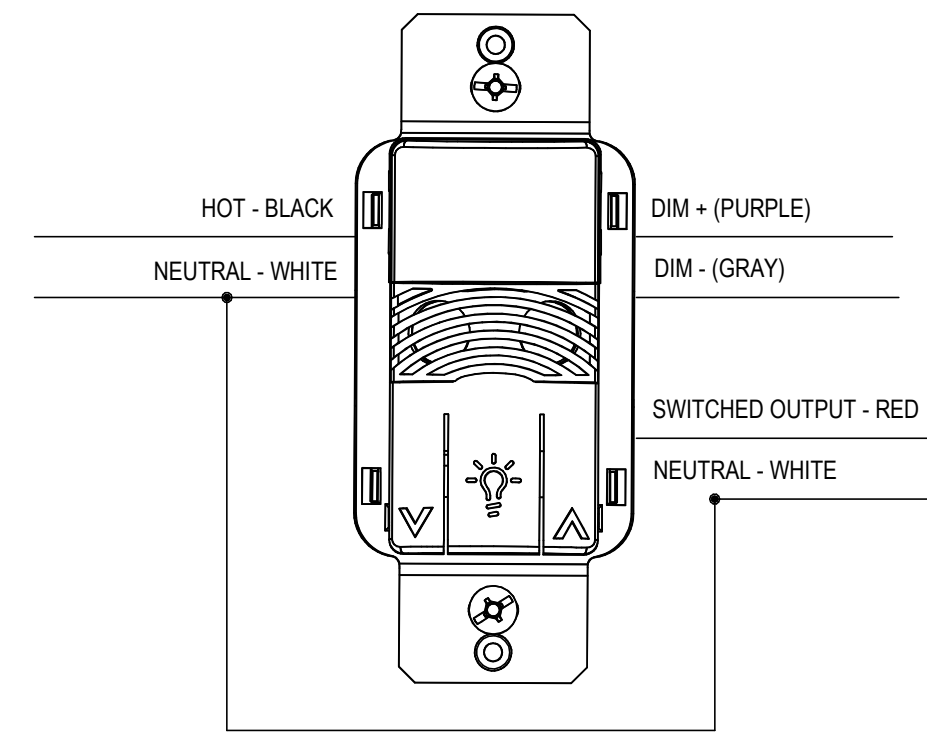
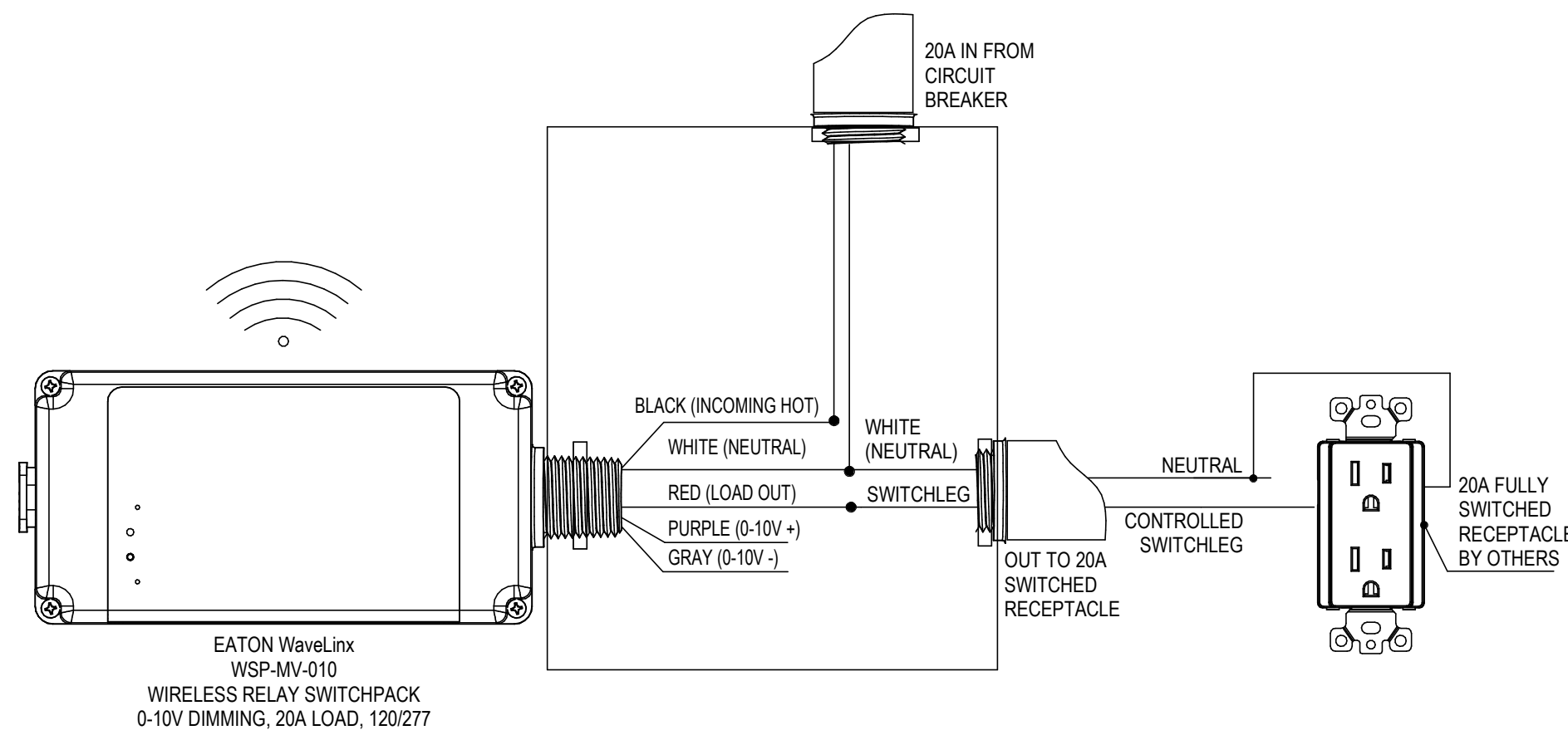
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
**Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Electrical Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-503
Sheet Size	ARCH D



AUTOMATIC RECEPTACLE CONTROL VIA LIGHTING CONTROL

1. AUTOMATIC RECEPTACLE CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH ASHRAE 8.4.2 TO ALL REQUIRED SPACES, INDIVIDUAL WORKSTATIONS, AND ENERGIZED MODULAR FURNITURE.
2. EACH CONTROLLED RECEPTACLE SHALL TURN OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE CONTAINING THE CONTROLLED RECEPTACLES.
3. AT LEAST 50% OF ALL 120V 15A-20A RECEPTACLES IN EACH OF THE FOLLOWING SPACES IDENTIFIED SHALL BE AUTOMATICALLY CONTROLLED:
 - PRIVATE OFFICES
 - CONFERENCE ROOMS
 - COPY/PRINT ROOMS
 - BREAK ROOMS
 - WORKSTATIONS
4. AT LEAST 25% OF ALL 120V 15A-20A BRANCH CIRCUIT FEEDERS INSTALLED FOR MODULAR FURNITURE SHALL BE AUTOMATICALLY CONTROLLED.
5. EACH CONTROLLED RECEPTACLE SHALL BE PERMANENTLY MARKED TO VISUALLY DIFFERENTIATE THEM FROM UNCONTROLLED RECEPTACLES.

1 WIRELESS RELAY SWITCHPACK

NOT TO SCALE

2 DUAL TECH VACANCY SENSOR DIMMING WALL STATION

NOT TO SCALE

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NOT FOR CONSTRUCTION


Drawing Title
Electrical Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-504
Sheet Size	ARCH D

FEEDER SCHEDULE

DEVICE	FEEDER
45	
TX-A-1-1	1" C, 3#6, #6N, #10G
100	
EMTS-A-1-1	1-1/2" C, 3#1, #1N, #8G
EPL-A-1-1	1-1/2" C, 3#1, #1N, #8G
EPL-A-2-1	1-1/2" C, 3#1, #1N, #8G
OPL-A-1-1	1-1/2" C, 3#1, #1N, #8G
OPL-A-2-1	1-1/2" C, 3#1, #1N, #8G
OPL-A-3-1	1-1/2" C, 3#1, #1N, #8G
PL-A-1-2	1-1/2" C, 3#1, #1N, #8G
200	
FIRE PUMP DISCONNECT SWITCH	2" C, 3-3/0, 3/0N, #6G
MAIN MV SWITCHBOARD	2" C, 3-3/0, 3/0N, #6G
MAIN MV SWITCHBOARD	2" C, 3-3/0, 3/0N, #6G
225	
EATS-A-1-1	2-1/2" C, 3-4/0, 4/0N, #4G
EDPL-A-1-1	2-1/2" C, 3-4/0, 4/0N, #4G
EMTS-A-1-2	2-1/2" C, 3-4/0, 4/0N, #4G
OPL-A-1-2	2-1/2" C, 3-4/0, 4/0N, #4G
PL-A-1-1	2-1/2" C, 3-4/0, 4/0N, #4G
PL-A-1-4	2-1/2" C, 3-4/0, 4/0N, #4G
PL-A-2-1	2-1/2" C, 3-4/0, 4/0N, #4G
PL-A-2-2	2-1/2" C, 3-4/0, 4/0N, #4G
400	
OATS-A-1-1	3-1/2" C, 3-600kcmil, 600kcmil N, #2G
ODPL-A-1-1	3-1/2" C, 3-600kcmil, 600kcmil N, #2G
600	
GDB-A-1-1	(2)3" C, 3-350kcmil, 350kcmil N, #1G
GENERATOR	(2)3" C, 3-350kcmil, 350kcmil N, #1G
PL-A-3-1	(2)3" C, 3-350kcmil, 350kcmil N, #1G
2000	
MSB-A-1-1	(5)3-1/2" C, 3-600kcmil, 600kcmil N, 250kcmil G

BACK OF HOUSE LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	SYMBOL	FIXTURE DESCRIPTION	MANUFACTURER	CATALOG NUMBER	UNITS	LAMPS			CONTROL		TOTAL WATTAGE
						QTY PER UNIT	TYPE	WATTS	VOLTAGE	TYPE	
B101		4' SUSPENDED/SURFACE MOUNTED INDUSTRIAL	CREE - LS SERIES	LS4-25L-35K-120-10V	EACH	1	3500K LED	23 W	UNV	INTEGRAL 0-10V DIMMING	23 W

E - EQUIPMENT (MECHANICAL, PLUMBING, FIRE PROTECTION) SCHEDULE

EQUIPMENT	LEVEL	HP RATING	KVA	FLA	VOLTAGE	PHASE	POLES
ACCU A-3-1	Roof Level		20.000 KVA	53 A	208 V	3	3
ACCU A-3-2	Roof Level		24.000 KVA	66 A	208 V	3	3
ACCU A-3-3	Roof Level		24.000 KVA	66 A	208 V	3	3
ACCU A-3-4	Roof Level		24.000 KVA	66 A	208 V	3	3
ACCU A-3-5	Roof Level		24.000 KVA	66 A	208 V	3	3
AHU A-3-1	Roof Level		16.210 KVA	45 A	208 V	3	3
CB	Ground Level		0.000 KVA	0 A	0 V	0	1
CB	Ground Level		0.000 KVA	0 A	0 V	0	1
COFFEE	Second Level		1.200 KVA	0 A	120 V	0	1
DOAS A-3-1	Roof Level		69.890 KVA	194 A	208 V	3	3
DOAS A-3-2	Roof Level		64.130 KVA	178 A	208 V	3	3
DW	Second Level		2.300 KVA	0 A	120 V	0	1
ELEVATOR	Second Level		40.000 KVA	111 A	208 V	3	3
FCU A-1-01	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-02	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-03	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-04	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-05	Ground Level		0.270 KVA	1 A	208 V	1	2
FCU A-1-06	Ground Level		0.270 KVA	1 A	208 V	1	2
FCU A-1-07	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-08	Ground Level		0.270 KVA	1 A	208 V	1	2
FCU A-1-09	Ground Level		0.270 KVA	2 A	208 V	1	2
FCU A-1-10	Ground Level		0.270 KVA	1 A	208 V	1	2
FCU A-1-11	Ground Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-01	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-02	Second Level		0.270 KVA	2 A	208 V	1	2
FCU A-2-03	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-04	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-05	Second Level		0.270 KVA	2 A	208 V	1	2
FCU A-2-06	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-07	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-08	Second Level		0.270 KVA	2 A	208 V	1	2
FCU A-2-09	Second Level		0.270 KVA	2 A	208 V	1	2
FCU A-2-10	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-13	Second Level		0.270 KVA	1 A	208 V	1	2
FCU A-2-14	Second Level		0.270 KVA	1 A	208 V	1	2
FP	Ground Level		0.500 KVA	0 A	120 V	0	1
FP	Ground Level		0.500 KVA	0 A	120 V	0	1
FP	Second Level		0.500 KVA	0 A	120 V	0	1
FP	Second Level		0.500 KVA	0 A	120 V	0	1
FP	Second Level		0.500 KVA	0 A	120 V	0	1
FP	Second Level		0.500 KVA	0 A	120 V	0	1
HU A-1-1	Ground Level		6.700 KVA	32 A	208 V	1	2
HUM A-2-1	Second Level		5.000 KVA	14 A	208 V	3	3
JPCP A-1-1	Ground Level	0.75	1.260 KVA	4 A	208 V	3	3
MCU A-1-1	Ground Level	1	1.000 KVA	5 A	208 V	1	2
MCU A-1-2	Ground Level	1	1.000 KVA	5 A	208 V	1	2
MCU A-1-3	Ground Level	1	1.000 KVA	5 A	208 V	1	2
MCU A-2-1	Second Level	1	1.000 KVA	5 A	208 V	1	2
MCU A-2-2	Second Level	1	1.000 KVA	5 A	208 V	1	2
MCU A-2-3	Second Level	1	1.000 KVA	5 A	208 V	1	2
RECIRCULATION PUMP	Ground Level	1/2	1.200 KVA	10 A	120 V	1	1
REF	Second Level		1.000 KVA	0 A	120 V	0	1
SBCP A-1-1	Ground Level	10	11.100 KVA	31 A	208 V	3	3
SP-A-0-1	Ground Level	1	0.000 KVA	0 A	208 V	1	2
TEA	Second Level		1.200 KVA	0 A	120 V	0	1

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Electrical Schedules

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-601
Sheet Size	ARCH D

NOTES:

- A. PRELIMINARY EQUIPMENT SCHEDULE (MECHANICAL, PLUMBING, FIRE PROTECTION) PROVIDED FOR PRICING. REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR EQUIPMENT LOCATIONS. ALLOW FOR ALL FINAL CONNECTIONS WITH LOCAL DISCONNECT SWITCHES, OVERCURRENT PROTECTION AND HOOK UPS.
- B. REFER TO LIGHTING FIXTURE SPECIFICATION FOR REFERENCED CONTROL NARRATIVE AND PRELIMINARY LIGHTING FIXTURE SCHEDULE.

MAIN MV SWITCHBOARD

ROOM: FLOOR		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: FLOOR		BUS AMPS:			MAINS: 200 A		
FED FROM:		NEUTRAL: 100%			LUGS:		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEEDER RACEWAY AND CONDUCTORS
1							
2							
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19							
20							
		0 VA	0 VA	0 VA			
		0 A	0 A	0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED LOAD	TOTALS		
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED : 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: 0 A		
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER		0.000 kVA			
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER		0.000 kVA			
HEATING/COOLING	0.000 kVA	100%		0.000 kVA			
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA			
CONTINUOUS	0.000 kVA	125%		0.000 kVA			
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA			
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA			

MSB-A-1-1

ROOM: Electrical 140		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: FLOOR		BUS AMPS:			MAINS: 2,000 A		
FED FROM:		NEUTRAL: 100%			LUGS:		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEEDER RACEWAY AND CONDUCTORS
1							
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18							
19							
20							
		0 VA	0 VA	0 VA			
		0 A	0 A	0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED LOAD	TOTALS		
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED : 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: 0 A		
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER		0.000 kVA			
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER		0.000 kVA			
HEATING/COOLING	0.000 kVA	100%		0.000 kVA			
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA			
CONTINUOUS	0.000 kVA	125%		0.000 kVA			
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA			
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA			

GDB-A-1-1

ROOM: Emergency Electrical 139		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: FLOOR		BUS AMPS:			MAINS: 600 A		
FED FROM:		NEUTRAL: 100%			LUGS:		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEEDER RACEWAY AND CONDUCTORS
1							
2							
3							
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6							
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15							
16							
17							
18							
19							
20							
		0 VA	0 VA	0 VA			
		0 A	0 A	0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED LOAD	TOTALS		
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED : 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: 0 A		
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER		0.000 kVA			
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER		0.000 kVA			
HEATING/COOLING	0.000 kVA	100%		0.000 kVA			
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA			
CONTINUOUS	0.000 kVA	125%		0.000 kVA			
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA			
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA			

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
 Art Center
 Administration
 Building**

Seal

NOT FOR CONSTRUCTION

**Drawing Title
 Electrical Schedules**

Date 11/06/20

Scale Not to Scale

Drawing Number **E-A-602**

Sheet Size ARCH D

EDPL-A-1-1

ROOM: Emergency Electrical 139		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: SURFACE		BUS AMPS: 400			MAINS: 225 A MCB		
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEDDER RACEWAY AND CONDUCTORS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
		0 VA 0 A	0 VA 0 A	0 VA 0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED LOAD	TOTALS			
LIGHTING	0.000 kVA	125%	0.000 kVA				
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER	0.000 kVA				
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA				
HEATING/COOLING	0.000 kVA	100%	0.000 kVA				
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA				
CONTINUOUS	0.000 kVA	125%	0.000 kVA				
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA				
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA				
				TOTAL CONNECTED : 0 VA			
				TOTAL CALCULATED DEMAND: 0 VA			
				BALANCED THREE PHASE AMPS: 0 A			

ODPL-A-1-1

ROOM: Electrical 140		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: SURFACE		BUS AMPS: 400			MAINS: 400 A MCB		
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEDDER RACEWAY AND CONDUCTORS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
		0 VA 0 A	0 VA 0 A	0 VA 0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED LOAD	TOTALS			
LIGHTING	0.000 kVA	125%	0.000 kVA				
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER	0.000 kVA				
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA				
HEATING/COOLING	0.000 kVA	100%	0.000 kVA				
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA				
CONTINUOUS	0.000 kVA	125%	0.000 kVA				
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA				
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA				
				TOTAL CONNECTED : 0 VA			
				TOTAL CALCULATED DEMAND: 0 VA			
				BALANCED THREE PHASE AMPS: 0 A			

EPL-A-1-1

ROOM: Security 126		VOLTS: Not ComputedP Not ComputedW			A.I.C.:							
MOUNTING: SURFACE		BUS AMPS: 100 A			MCB: 100 A MCB							
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD							
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
					0 VA	0 VA	0 VA					
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS								
LIGHTING	0.000 kVA	125%	0.000 kVA									
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER	0.000 kVA									
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA									
HEATING/COOLING	0.000 kVA	100%	0.000 kVA									
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA									
CONTINUOUS	0.000 kVA	125%	0.000 kVA									
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA									
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA									
				TOTAL CONNECTED LOAD: 0 VA								
				TOTAL CALCULATED DEMAND: 0 VA								
				BALANCED THREE PHASE AMPS: Not Computed								

EPL-A-2-1

ROOM: BULK STORAGE 222		VOLTS: Not ComputedP Not ComputedW			A.I.C.:							
MOUNTING: SURFACE		BUS AMPS: 100 A			MCB: 100 A MCB							
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD							
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
					0 VA	0 VA	0 VA					
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS								
LIGHTING	0.000 kVA	125%	0.000 kVA									
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER	0.000 kVA									
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA									
HEATING/COOLING	0.000 kVA	100%	0.000 kVA									
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA									
CONTINUOUS	0.000 kVA	125%	0.000 kVA									
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA									
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA									
				TOTAL CONNECTED LOAD: 0 VA								
				TOTAL CALCULATED DEMAND: 0 VA								
				BALANCED THREE PHASE AMPS: Not Computed								

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Electrical Schedules

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-603
Sheet Size	ARCH D

OPL-A-1-1

ROOM: Security 126
MOUNTING: SURFACE
FED FROM:
NOTE:

VOLTS: Not ComputedP Not ComputedW
BUS AMPS: 100 A
NEUTRAL: 100%

A.I.C.:
MCB: 100 A MCB
LUGS: STANDARD

CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
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	15										15	
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	37										34	
	39										35	
	41										36	
	43										37	
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	47										40	
											42	
											44	
											46	
											48	
					0 VA	0 VA	0 VA					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS
LIGHTING	0.000 kVA	125%	0.000 kVA	TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER	0.000 kVA	
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA	
HEATING/COOLING	0.000 kVA	100%	0.000 kVA	
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA	
CONTINUOUS	0.000 kVA	125%	0.000 kVA	
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA	
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA	

0.1

OPL-A-1-2

ROOM: Mechanical / Plumbing 138
MOUNTING: SURFACE
FED FROM:
NOTE:

VOLTS: Not ComputedP Not ComputedW
BUS AMPS: 225 A
NEUTRAL: 100%

A.I.C.:
MCB: 225 A MCB
LUGS: STANDARD

CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										15	
	17										18	
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	27										26	
	29										28	
	31										30	
	33										32	
	35										33	
	37										34	
	39										35	
	41										36	
	43										38	
	45										40	
	47										42	
											44	
											46	
											48	
					0 VA	0 VA	0 VA					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS
LIGHTING	0.000 kVA	125%	0.000 kVA	TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER	0.000 kVA	
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA	
HEATING/COOLING	0.000 kVA	100%	0.000 kVA	
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA	
CONTINUOUS	0.000 kVA	125%	0.000 kVA	
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA	
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA	

0.1

OPL-A-2-1

ROOM: CIRCULATION 217
MOUNTING: SURFACE
FED FROM:
NOTE:

VOLTS: Not ComputedP Not ComputedW
BUS AMPS: 100 A
NEUTRAL: 100%

A.I.C.:
MCB: 100 A MCB
LUGS: STANDARD

CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										15	
	17										16	
	19										18	
	21										20	
	23										22	
	25										24	
	27										25	
	29										26	
	31										28	
	33										30	
	35										32	
	37										33	
	39										34	
	41										35	
	43										36	
	45										37	
	47										38	
											40	
											42	
											44	
											46	
											48	
					0 VA	0 VA	0 VA					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS
LIGHTING	0.000 kVA	125%	0.000 kVA	TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER	0.000 kVA	
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA	
HEATING/COOLING	0.000 kVA	100%	0.000 kVA	
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA	
CONTINUOUS	0.000 kVA	125%	0.000 kVA	
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA	
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA	

0.1

OPL-A-3-1

ROOM: FLOOR
MOUNTING: FLOOR
FED FROM:
NOTES:

VOLTS: Not ComputedP Not ComputedW
BUS AMPS: 600 A
NEUTRAL: 100%

A.I.C.:
MAINS: 100 A MCB
LUGS: STANDARD

CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEEDER RACEWAY AND CONDUCTORS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
		0 VA	0 VA	0 VA			

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND	CALCULATED DEMAND	TOTALS
LIGHTING	0.000 kVA	125%	0.000 kVA	TOTAL CONNECTED : 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER	0.000 kVA	
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER	0.000 kVA	
HEATING/COOLING	0.000 kVA	100%	0.000 kVA	
KITCHEN	0.000 kVA	PER NEC TABLE 220.56	0.000 kVA	
CONTINUOUS	0.000 kVA	125%	0.000 kVA	
NONCONTINUOUS	0.000 kVA	100%	0.000 kVA	
NONCOINCIDENTAL	0.000 kVA	0%	0.000 kVA	

0.1

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal**NOT FOR CONSTRUCTION**

Drawing Title
Electrical Schedules

Date 11/06/20

Scale Not to Scale

Drawing Number **E-A-604**

Sheet Size ARCH D

PL-A-1-1

ROOM: Electrical 140		VOLTS: 208Y/120V, 3P 4W			A.I.C.:		
MOUNTING: SURFACE		BUS AMPS: 400			MAINS: 225 A MCB		
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD		
NOTES:							
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	# OF POLES	FEDDER RACEWAY AND CONDUCTORS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
		0 VA	0 VA	0 VA			
		0 A	0 A	0 A			
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED LOAD	TOTALS		
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED : 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: 0 A		
MOTORS	0.000 kVA	125% LARGEST, 100% REMAINDER		0.000 kVA			
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER		0.000 kVA			
HEATING/COOLING	0.000 kVA	100%		0.000 kVA			
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA			
CONTINUOUS	0.000 kVA	125%		0.000 kVA			
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA			
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA			

PL-A-1-2

ROOM: Mechanical / Plumbing 138		VOLTS: 208Y/120V, 3P 4W			A.I.C.:							
MOUNTING: SURFACE		BUS AMPS: 225 A			MCB: 100 A MCB							
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD							
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
1/2" C, 1#12, #12N, #12G	1	20 A	1	RECEPTACLES	180						2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
		180 VA	0 VA	0 VA								
		2 A	0 A	0 A								
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED DEMAND	TOTALS							
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED LOAD: 180 VA TOTAL CALCULATED DEMAND: 180 VA BALANCED THREE PHASE AMPS: 0 A							
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER		0.000 kVA								
RECEPTACLES	0.180 kVA	100% FIRST 10kVA, 50% REMAINDER		0.180 kVA								
HEATING/COOLING	0.000 kVA	100%		0.000 kVA								
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA								
CONTINUOUS	0.000 kVA	125%		0.000 kVA								
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA								
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA								

PL-A-1-4

ROOM: Mail Room 116		VOLTS: Not ComputedP Not ComputedW			A.I.C.:							
MOUNTING: SURFACE		BUS AMPS: 225 A			MCB: 225 A MCB							
FED FROM:		NEUTRAL: 100%			LUGS: STANDARD							
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
		0 VA	0 VA	0 VA								
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND		CALCULATED DEMAND	TOTALS							
LIGHTING	0.000 kVA	125%		0.000 kVA	TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed							
MOTORS	0.000 kVA	125% LARGEST + 100% REMAINDER		0.000 kVA								
RECEPTACLES	0.000 kVA	100% FIRST 10kVA, 50% REMAINDER		0.000 kVA								
HEATING/COOLING	0.000 kVA	100%		0.000 kVA								
KITCHEN	0.000 kVA	PER NEC TABLE 220.56		0.000 kVA								
CONTINUOUS	0.000 kVA	125%		0.000 kVA								
NONCONTINUOUS	0.000 kVA	100%		0.000 kVA								
NONCOINCIDENTAL	0.000 kVA	0%		0.000 kVA								

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Electrical Schedules

Date 11/06/20

Scale Not to Scale

Drawing Number **E-A-605**

Sheet Size ARCH D

PL-A-2-1

ROOM: BULK STORAGE 222				VOLTS: Not ComputedP Not ComputedW				A.I.C.:				
MOUNTING: SURFACE				BUS AMPS: 225 A				MCB: 225 A MCB				
FED FROM:				NEUTRAL: 100%				LUGS: STANDARD				
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
					0 VA	0 VA	0 VA					
LOAD CLASSIFICATION	CONNECTED LOAD			DEMAND	CALCULATED DEMAND			TOTALS				
LIGHTING	0.000 kVA			125%	0.000 kVA			TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed				
MOTORS	0.000 kVA			125% LARGEST + 100% REMAINDER	0.000 kVA							
RECEPTACLES	0.000 kVA			100% FIRST 10kVA, 50% REMAINDER	0.000 kVA							
HEATING/COOLING	0.000 kVA			100%	0.000 kVA							
KITCHEN	0.000 kVA			PER NEC TABLE 220.56	0.000 kVA							
CONTINUOUS	0.000 kVA			125%	0.000 kVA							
NONCONTINUOUS	0.000 kVA			100%	0.000 kVA							
NONCOINCIDENTAL	0.000 kVA			0%	0.000 kVA							

PL-A-2-2

ROOM: CIRCULATION 217				VOLTS: Not ComputedP Not ComputedW				A.I.C.:				
MOUNTING: SURFACE				BUS AMPS: 225 A				MCB: 225 A MCB				
FED FROM:				NEUTRAL: 100%				LUGS: STANDARD				
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
					0 VA	0 VA	0 VA					
LOAD CLASSIFICATION	CONNECTED LOAD			DEMAND	CALCULATED DEMAND			TOTALS				
LIGHTING	0.000 kVA			125%	0.000 kVA			TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed				
MOTORS	0.000 kVA			125% LARGEST + 100% REMAINDER	0.000 kVA							
RECEPTACLES	0.000 kVA			100% FIRST 10kVA, 50% REMAINDER	0.000 kVA							
HEATING/COOLING	0.000 kVA			100%	0.000 kVA							
KITCHEN	0.000 kVA			PER NEC TABLE 220.56	0.000 kVA							
CONTINUOUS	0.000 kVA			125%	0.000 kVA							
NONCONTINUOUS	0.000 kVA			100%	0.000 kVA							
NONCOINCIDENTAL	0.000 kVA			0%	0.000 kVA							

PL-A-3-1

ROOM:				VOLTS: Not ComputedP Not ComputedW				A.I.C.:				
MOUNTING: SURFACE				BUS AMPS: 225 A				MCB: 600 A MCB				
FED FROM:				NEUTRAL: 100%				LUGS: STANDARD				
NOTE:												
CONDUIT & CONDUCTOR	CKT #	CKT BKR	# OF POLES	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	# OF POLES	CKT BKR	CKT #	CONDUIT & CONDUCTOR
	1										2	
	3										4	
	5										6	
	7										8	
	9										10	
	11										12	
	13										14	
	15										16	
	17										18	
	19										20	
	21										22	
	23										24	
	25										26	
	27										28	
	29										30	
	31										32	
	33										34	
	35										36	
	37										38	
	39										40	
	41										42	
	43										44	
	45										46	
	47										48	
					0 VA	0 VA	0 VA					
LOAD CLASSIFICATION	CONNECTED LOAD			DEMAND	CALCULATED DEMAND			TOTALS				
LIGHTING	0.000 kVA			125%	0.000 kVA			TOTAL CONNECTED LOAD: 0 VA TOTAL CALCULATED DEMAND: 0 VA BALANCED THREE PHASE AMPS: Not Computed				
MOTORS	0.000 kVA			125% LARGEST + 100% REMAINDER	0.000 kVA							
RECEPTACLES	0.000 kVA			100% FIRST 10kVA, 50% REMAINDER	0.000 kVA							
HEATING/COOLING	0.000 kVA			100%	0.000 kVA							
KITCHEN	0.000 kVA			PER NEC TABLE 220.56	0.000 kVA							
CONTINUOUS	0.000 kVA			125%	0.000 kVA							
NONCONTINUOUS	0.000 kVA			100%	0.000 kVA							
NONCOINCIDENTAL	0.000 kVA			0%	0.000 kVA							

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Electrical Schedules

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-606
Sheet Size	ARCH D

GENERAL NOTES

- A. BUILDING DISTRIBUTION SHALL INCLUDE STEP-DOWN TRANSFORMERS TO SUPPLY LOADS AT THE REQUIRED VOLTAGE.
- B. TRANSFORMER AND METER SUPPLIED BY UTILITY, INSTALLED BY OWNER.
- C. 13.2KV SERVICE TO BE CONFIRMED BY UTILITY.
- D. LOCATION FOR MV MAIN SWITCHBOARD, TRANSFORMER, AND GENERATOR TO BE CONFIRMED WITH UTILITY, CIVIL AND LANDSCAPE.
- E. SHORT CIRCUIT EQUIPMENT RATINGS: ASSUME THE FOLLOWING SHORT CIRCUIT CURRENT RATINGS FOR EQUIPMENT LOCATED:
 - a. 200 KAIC: FOR MEDIUM VOLTAGE EQUIPMENT, PENDING CONFIRMATION FROM UTILITY ON AVAILABLE FAULT CURRENT.
 - b. 65 KAIC: IN GROUND FLOOR MAIN ELECTRICAL ROOM, MECHANICAL ROOM, FIRE PUMP ROOM, AND EMERGENCY ELECTRICAL ROOM.
 - c. 22 KAIC: IN ALL OTHER AREAS ON THE GROUND FLOOR, SECOND FLOOR AND ROOF.

KEY NOTES

- 1. OUTDOOR RATED MEDIUM VOLTAGE MAIN SERVICE DISCONNECT SWITCH AND DISTRIBUTION SWITCHBOARD.
- 2. CAM-LOCK CONNECTIONS TO TEMPORARY GENERATOR PER NEC 700.3
- 3. PROVIDE SLEEVES AND EXTEND CONDUITS BEYOND EQUIPMENT PAD FOR FUTURE CONDUITS AND FEEDERS.
- 4. BELOW GRADE INCOMING MV UTILITY SERVICE FEEDERS. REFER TO CIVIL PLANS FOR CONDUIT ROUTING AND PATH.
- 5. NEW UTILITY JUNCTION BOX. COORDINATE CONNECTION TO UTILITY SERVICE AND PROVIDE UTILITY APPROVED EQUIPMENT. REFER TO CIVIL PLANS FOR INCOMING SERVICE AND EQUIPMENT LOCATIONS.
- 6. UTILITY APPROVED METER AND CT CABINET. REFER TO CIVIL PLANS FOR INCOMING SERVICE AND EQUIPMENT LOCATIONS.
- 7. PROVIDE SLEEVES AND EXTEND CONDUITS BEYOND EQUIPMENT PAD FOR FUTURE CONDUITS AND FEEDERS.

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

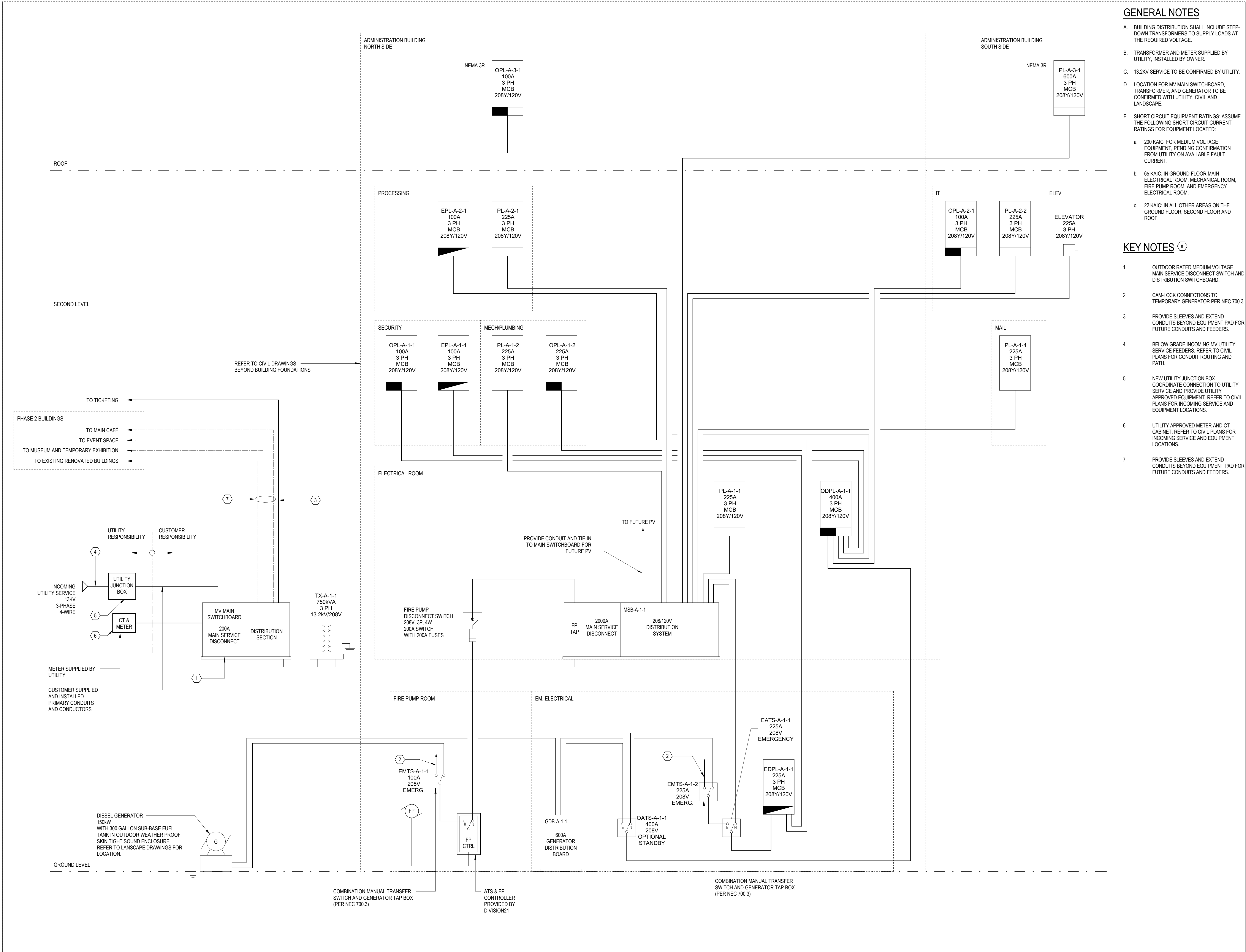
Storm King Art Center Administration Building

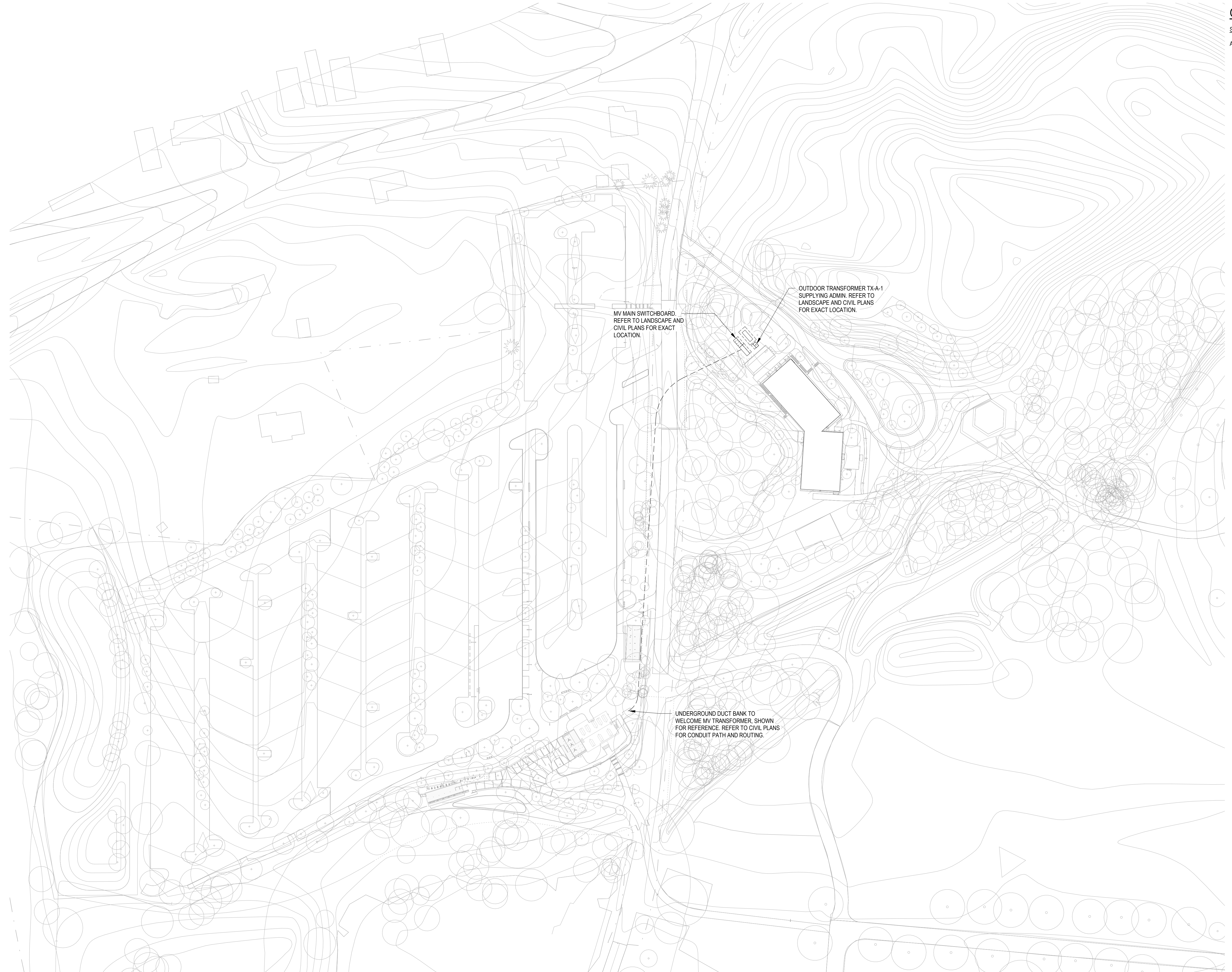
Seal

NOT FOR CONSTRUCTION

Drawing Title
Electrical Riser

Date	11/06/20
Scale	Not to Scale
Drawing Number	E-A-701
Sheet Size	ARCH D





MV MAIN SWITCHBOARD
REFER TO LANDSCAPE AND
CIVIL PLANS FOR EXACT
LOCATION.

OUTDOOR TRANSFORMER TX-A-1
SUPPLYING ADMIN. REFER TO
LANDSCAPE AND CIVIL PLANS
FOR EXACT LOCATION.

UNDERGROUND DUCT BANK TO
WELCOME MV TRANSFORMER, SHOWN
FOR REFERENCE. REFER TO CIVIL PLANS
FOR CONDUIT PATH AND ROUTING.

GENERAL NOTES

SITE CONSTRUCTION NOTES:

A. REFER TO CIVIL PLANS FOR EXACT
ROUTING CONNECTIONS AND EXACT
INFORMATION. THIS PLAN IS PROVIDED
FOR GUIDE ONLY.

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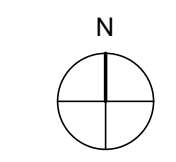
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

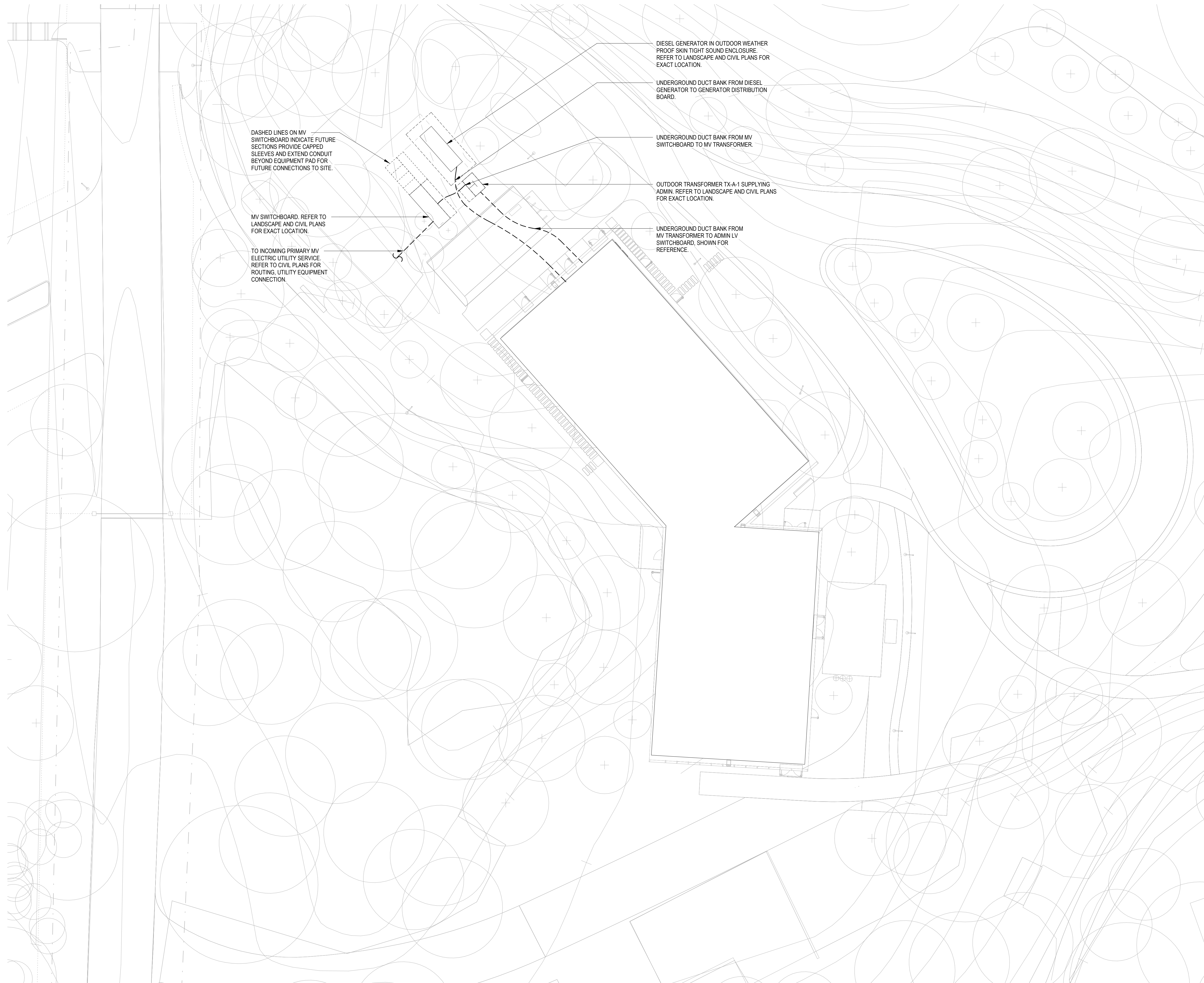
**Storm King
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Administration
Building**

Seal

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Drawing Title
Site Plan - Property -
Electrical Power

Date	11/06/20
Scale	1/64" = 1'-0"
Drawing Number	E-A-900
Sheet Size	ARCH D



DASHED LINES ON MV SWITCHBOARD INDICATE FUTURE SECTIONS PROVIDE CAPPED SLEEVES AND EXTEND CONDUIT BEYOND EQUIPMENT PAD FOR FUTURE CONNECTIONS TO SITE.

MV SWITCHBOARD. REFER TO LANDSCAPE AND CIVIL PLANS FOR EXACT LOCATION.

TO INCOMING PRIMARY MV ELECTRIC UTILITY SERVICE. REFER TO CIVIL PLANS FOR ROUTING, UTILITY EQUIPMENT CONNECTION.

DIESEL GENERATOR IN OUTDOOR WEATHER PROOF SKIN TIGHT SOUND ENCLOSURE. REFER TO LANDSCAPE AND CIVIL PLANS FOR EXACT LOCATION.

UNDERGROUND DUCT BANK FROM DIESEL GENERATOR TO GENERATOR DISTRIBUTION BOARD.

UNDERGROUND DUCT BANK FROM MV SWITCHBOARD TO MV TRANSFORMER.

OUTDOOR TRANSFORMER TX-A-1 SUPPLYING ADMIN. REFER TO LANDSCAPE AND CIVIL PLANS FOR EXACT LOCATION.

UNDERGROUND DUCT BANK FROM MV TRANSFORMER TO ADMIN LV SWITCHBOARD, SHOWN FOR REFERENCE.

GENERAL NOTES

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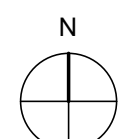
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

**Storm King
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Administration
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Seal

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Drawing Title
Site Plan - Building -
Electrical Power

Date	11/06/20
Scale	1/16" = 1'-0"
Drawing Number	E-A-901
Sheet Size	ARCH D



GENERAL NOTES

- A. PROVIDE AND INSTALL LOW VOLTAGE DIMMING WIRING FOR ALL CONTROL ZONES CONNECTED TO LIGHTING CONTROL SYSTEM INCLUDING SWITCHED-ONLY ZONES.
- B. FLOOR PLANS ARE DIAGRAMMATIC TO REPRESENT REQUIRED OCCUPANCY SENSORS AND SWITCHES TO ACHIEVE CONTROL INTENT. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLIES, WIRELESS RECEIVERS, INTERFACES, ETC. ARE NOT EXPLICITLY SHOWN ON FLOOR PLANS. LIGHTING CONTROL PANELS, POWER PACKS, POWER SUPPLY, AND SWITCHPACKS SHALL BE HIDDEN FROM VIEW, HOUSED IN DEDICATED CLOSET SPACE IN A CENTRAL LOCATION ON EACH FLOOR. ADJUST POWER AND CONTROL WIRING FOR VOLTAGE DROP FROM EACH DEVICE TO THE ZONE IT CONTROLS. PROVIDE ALL DEVICES AND ACCESSORIES FOR A COMPLETE SYSTEM TO ACHIEVE DESIGN INTENT. REFER TO LIGHTING CONTROL DETAILS FOR FURTHER INFORMATION.
- C. WHEN NORMAL POWER IS AVAILABLE, LIGHT FIXTURES ON EMERGENCY POWER SHALL BE CONTROLLED WITH LIGHTING FIXTURES ON NORMAL POWER IN THE SAME ZONE. IN THE EVENT OF A POWER OUTAGE, EMERGENCY LIGHTING BYPASS RELAY SHALL OVERRIDE NORMAL CONTROL AND SWITCH FIXTURES ON EMERGENCY POWER TO FULL BRIGHTNESS. FIXTURES DESIGNATED 'EM' ON THE CENTRALIZED LIGHTING CONTROL SYSTEM SHALL BE CONNECTED TO EMERGENCY PANEL. REFER TO LIGHTING CONTROL DETAILS.
- D. WIRELESS SWITCHPACKS AND WIRELESS AREA CONTROLLERS SHALL BE LOCATED IN BACK OF HOUSE SPACES. THESE SHALL NOT BE LOCATED IN VISIBLE AREAS WITH EXPOSED CEILINGS IN PUBLIC AND OFFICE SPACES. REFER TO KEYED NOTES FOR PROPOSED LOCATIONS.
- E. EXTERIOR SITE LIGHTING SHALL BE CONNECTED WITH #4 AWG CONDUCTOR TO OFFSET VOLTAGE DROP. CIRCUITS SHALL NOT EXCEED 8 AMPS CONNECTED LOAD.

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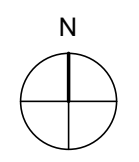
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Site Plan - Building -
 Lighting

Date	11/06/20
Scale	1/16" = 1'-0"
Drawing Number	E-A-910
Sheet Size	ARCH D

SYSTEM INPUTS	CONTROL UNIT ANNUNCIATION													NOTIFICATION										REQUIRED FIRE SAFETY CONTROL						
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z				
1	MANUAL FIRE ALARM BOX	X	X				X			X		X						X					X	X				1		
2	SMOKE DETECTORS	X	X				X			X	X							X					X	X	X			2		
3	ELEVATOR RECALL SMOKE DETECTOR - OTHER THAN GROUND FLOOR	X	X				X			X	X							X	X			X	X	X			3			
4	ELEVATOR RECALL SMOKE DETECTOR - GROUND FLOOR	X	X				X			X	X							X				X	X	X			4			
5	DUCT SMOKE DETECTORS	X	X				X			X	X							X				X	X		X		5			
6	SMOKE DETECTOR - ELEVATOR MACHINE ROOM	X	X				X			X	X							X	X			X	X	X			6			
7	SMOKE DETECTOR - TOP OF ELEVATOR SHAFT	X	X				X			X	X							X	X			X	X	X			7			
8	HEAT DETECTORS	X	X				X			X	X							X				X	X				8			
9	ELEVATOR SHAFT HEAT DETECTOR	X	X				X			X	X							X			X	X	X				9			
10	SPRINKLER WATERFLOW SWITCHES	X	X				X			X			X					X	X			X	X		X		10			
11	SPRINKLER TAMPER SWITCHES			X	X					X				X													11			
12	SPRINKLER PRESSURE SWITCHES			X	X					X				X													12			
13	FIRE PUMP RUNNING	X	X							X				X				X									13			
14	FIRE PUMP POWER FAILURE					X	X			X						X											14			
15	FIRE PUMP PHASE REVERSAL					X	X			X						X											15			
16	FIRE ALARM AC FAILURE					X	X			X								X									16			
17	FIRE ALARM SYSTEM LOW BATTERY					X	X			X								X									17			
18	OPEN CIRCUIT					X	X			X								X									18			
19	GROUND FAULT					X	X			X								X									19			
20	NOTIFICATION APPLIANCE CIRCUIT SHORT					X	X			X								X									20			
21																									X		21			

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	WALL MOUNTED FIRE ALARM STROBE LIGHT
	WALL MOUNTED FIRE ALARM COMBINATION HORN/STROBE
	WALL MOUNTED FIRE ALARM HORN
	CEILING MOUNTED FIRE ALARM HORN
	CEILING MOUNTED FIRE ALARM HORN/STROBE
	ADDRESSABLE FIRE ALARM PULL STATION
	ADDRESSABLE FIRE ALARM SMOKE DETECTOR
	ADDRESSABLE COMBINATION SMOKE AND CO DETECTOR WITH SOUNDER BASE
	FIRE ALARM SMOKE DETECTOR - DUCT MOUNTED - PROVIDE REMOTE TEST
	ADDRESSABLE FIRE ALARM HEAT DETECTOR
	FIRE ALARM SMOKE DETECTOR - ELEVATOR RECALL
	FIRE SPRINKLER FLOW SWITCH WITH MONITOR MODULE
	FIRE SPRINKLER TAMPER SWITCH WITH MONITOR MODULE
	FIRE SPRINKLER PRESSURE SWITCH WITH MONITOR MODULE
	MONITOR MODULE
	RELAY MODULE
	FIRE COMMAND STATION WITH GRAPHIC ANNUNCIATOR
	FIRE ALARM CONTROL PANEL WITH GRAPHIC ANNUNCIATOR
	FIRE ALARM REMOTE ANNUNCIATOR
	NOTIFICATION APPLIANCE CIRCUIT
	TERMINAL CABINET
	BATTERY CABINET
	WEATHER PROOF
	FIRE SMOKE DAMPERS (FSD) / SMOKE DAMPERS (SD) PROVIDE INDIVIDUAL MONITOR MODULE, RELAY MODULE, END SWITCH AND DUCT SMOKE DETECTOR.

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Key Plan

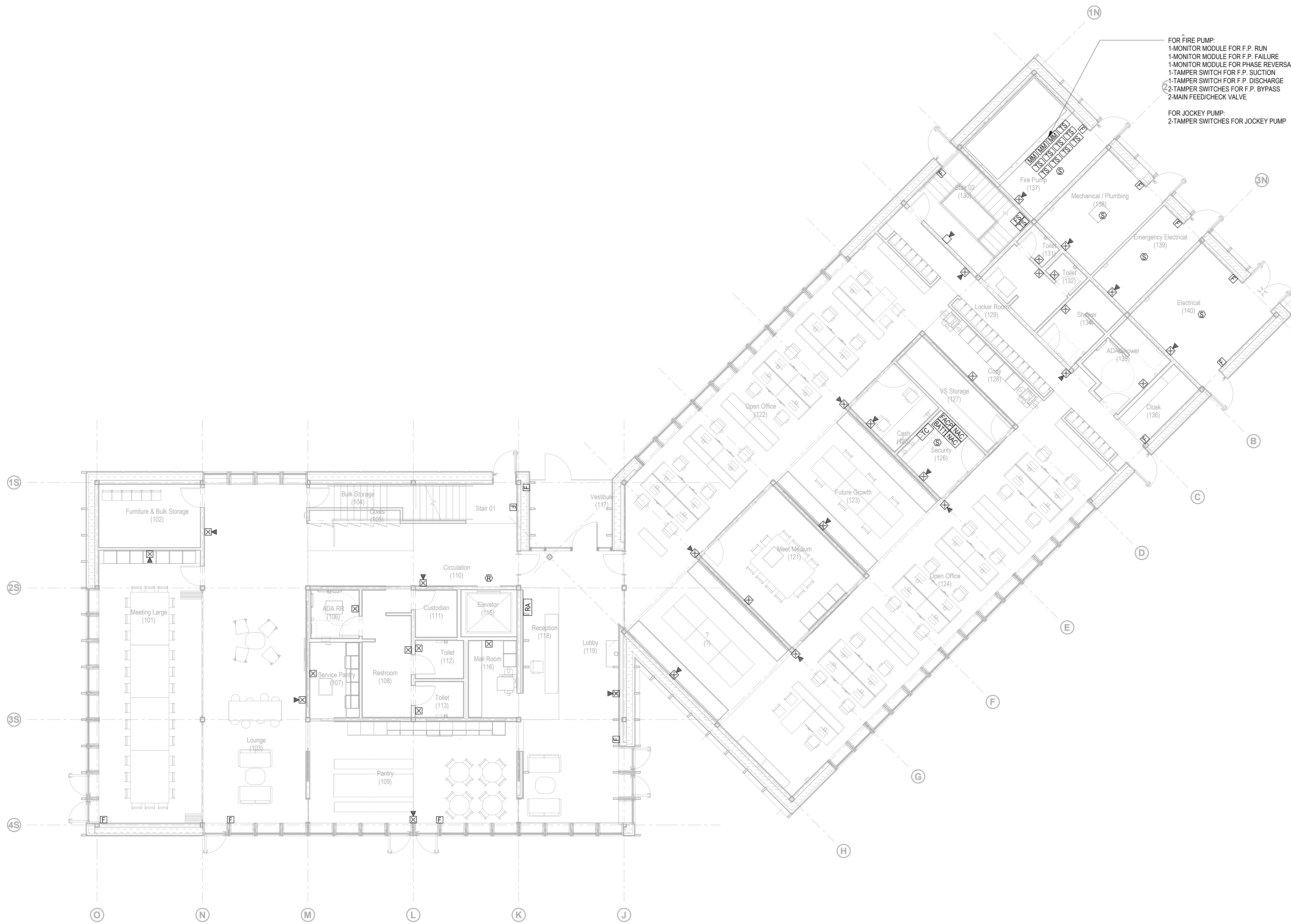
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50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King
Art Center
Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Abbreviations,
Symbols, and
General Notes

Date	11/06/20
Scale	Not to Scale
Drawing Number	FA-A-001
Sheet Size	ARCH D



NOTES:

PROVIDE THE FOLLOWING:

1. SMOKE DETECTION - PROVIDE SMOKE DETECTORS, 30' ON CENTER, IN MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, ELEVATOR MACHINE ROOMS AND AVIT ROOMS.
2. CARBON MONOXIDE DETECTION - PROVIDE AREA CARBON MONOXIDE DETECTION WHERE CARBON MONOXIDE PRODUCING EQUIPMENT IS LOCATED AND LEVEL ABOVE AND BELOW.
3. PULL STATIONS - PROVIDE (1) PULL STATION AT EVERY EGRESS STAIR AND BUILDING EXIT.
4. TAMPER AND FLOW SWITCHES - PROVIDE TAMPER AND FLOW SWITCH MONITORING FOR EACH FLOOR IN BOILER HOUSE AND TURBINE HALL.
5. SPEAKER/STROBES - PROVIDE SPEAKER/STROBES COVERAGE IN ALL AREAS EXCEPT PRIVATE OFFICES, JANITOR CLOSETS, AND STORAGE CLOSETS. PROVIDE SPEAKERS EVERY 2ND FLOOR IN EGRESS STAIRS ON SEPARATE PAGING ZONE FROM FLOORS.
6. DUCT SMOKE DETECTORS - PROVIDE DUCT SMOKE DETECTOR WITH REMOTE TEST STATION, MONITOR MODULE AND ADDRESSABLE RELAY FOR FAN SHUTDOWN ON ALL SUPPLY AND RETURN FANS.
7. FIRE SMOKE DAMPERS - PROVIDE DUCT SMOKE DETECTOR WITH MONITOR MODULE AND RELAY MODULE WITH 120V POWER CONNECTION AT ALL FIRE SMOKE DAMPER LOCATIONS.
8. ELEVATOR RECALL - PROVIDE ELEVATOR RECALL SMOKE DETECTOR AT EACH ELEVATOR LOBBY. PROVIDE RELAYS AT EACH ELEVATOR CONTROLLER FOR ELEVATOR RECALL OPERATION.
9. FIRE PUMP - PROVIDE FIRE PUMP STATUS MONITORING.
10. EMERGENCY GENERATOR - PROVIDE EMERGENCY GENERATOR STATUS MONITORING.
11. SECURITY DOORS - PROVIDE RELAYS AT EACH SECURITY ACCESS CONTROL PANEL TO RELEASE DOORS ON FIRE ALARM.
12. PA/AV SYSTEM - PROVIDE RELAY AT PA AND AV SYSTEMS TO TURN OFF ON FIRE ALARM.

FOR FIRE PUMP:
 1-MONITOR MODULE FOR F.P. RUN
 1-MONITOR MODULE FOR F.P. FAILURE
 1-MONITOR MODULE FOR PHASE REVERSAL
 1-TAMPER SWITCH FOR F.P. SUCTION
 1-TAMPER SWITCH FOR F.P. DISCHARGE
 2-TAMPER SWITCHES FOR F.P. BYPASS
 2-MAIN FEED/CHECK VALVE

FOR JOCKEY PUMP:
 2-TAMPER SWITCHES FOR JOCKEY PUMP

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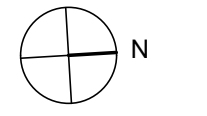
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Key Plan



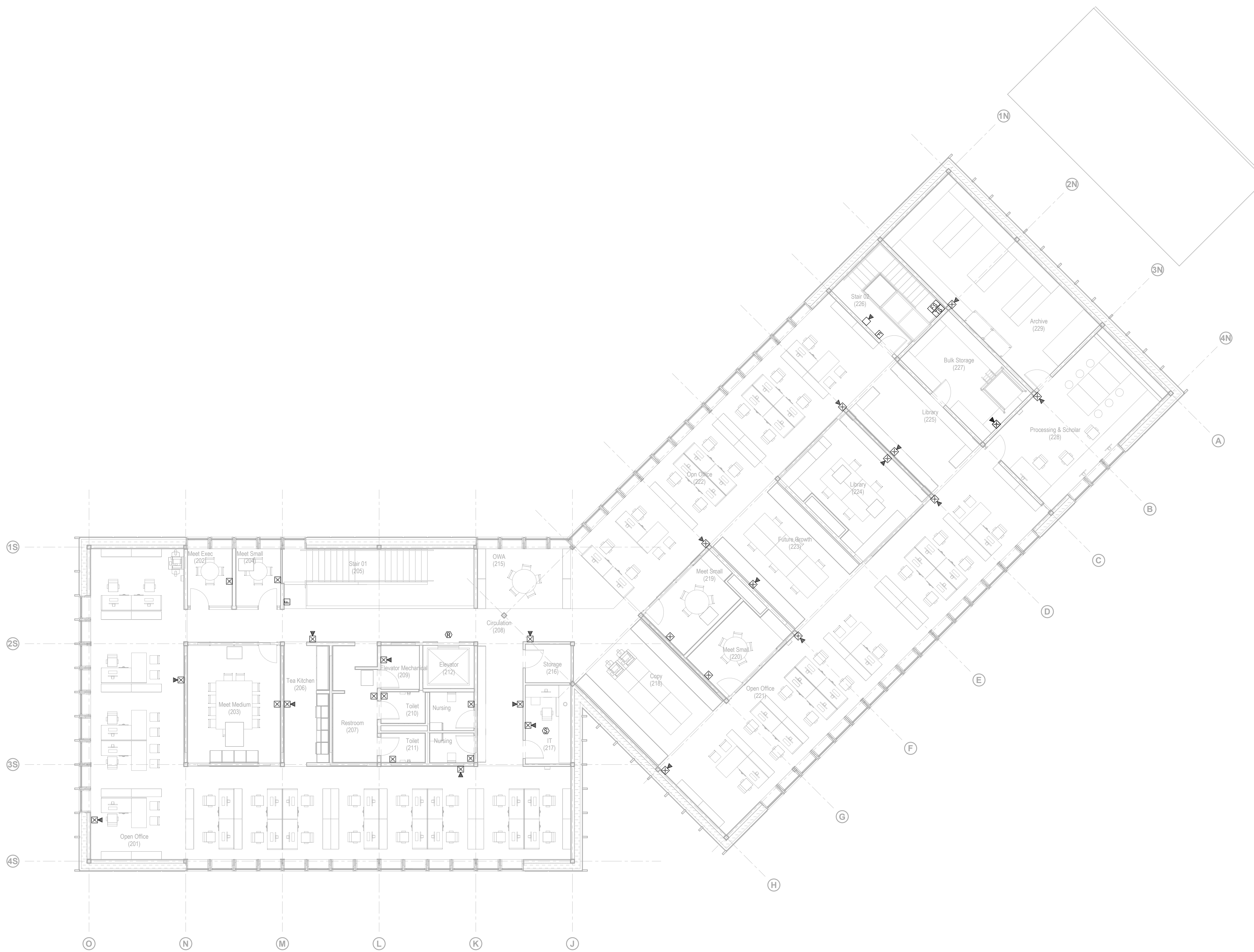
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

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 Drawing Title
 Fire Alarm - Ground
 Level

Date	11/06/20
Scale	Not to Scale
Drawing Number	FA-A-101
Sheet Size	ARCH D



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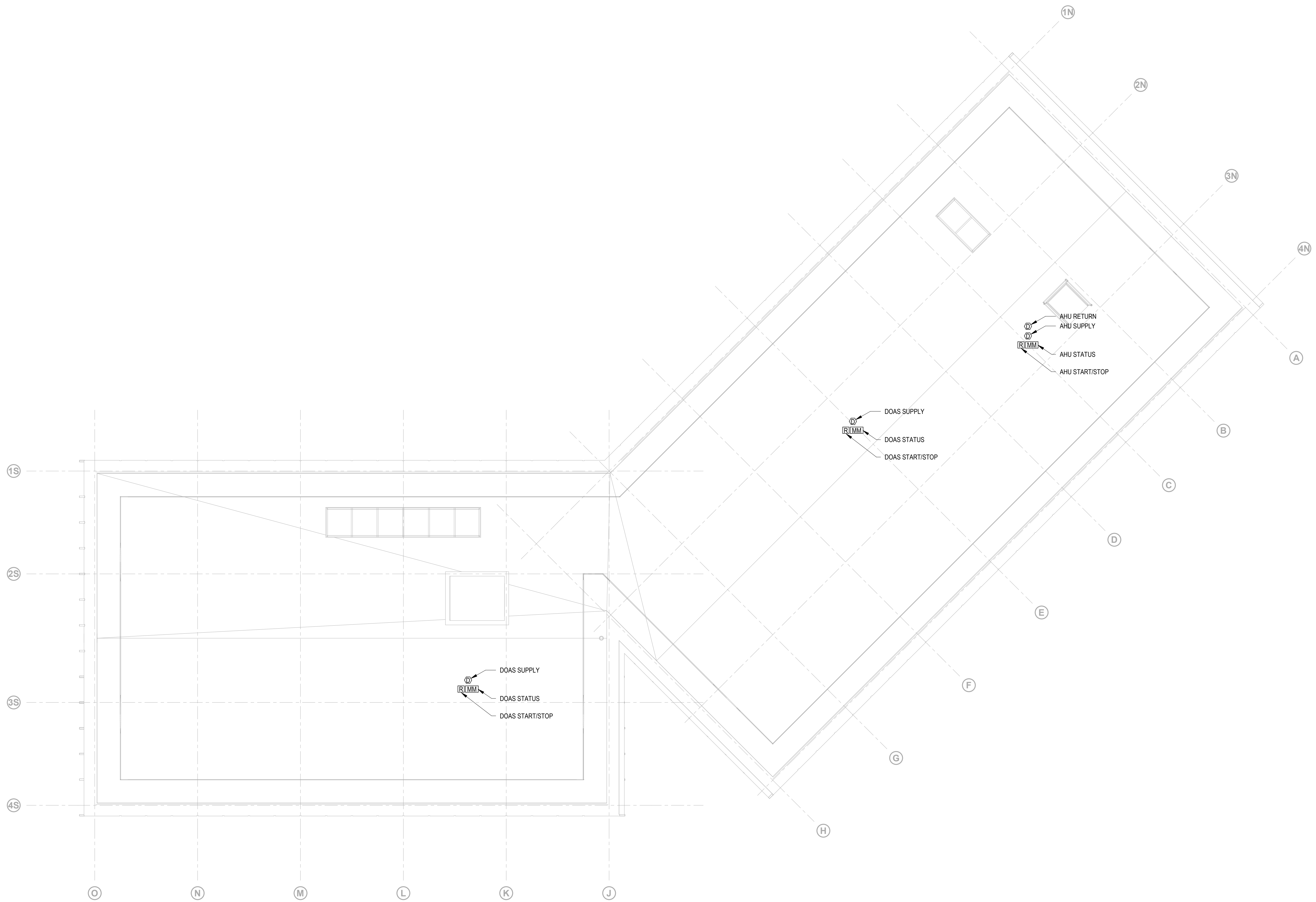
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Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Fire Alarm - Second
 Level

Date	11/06/20
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Drawing Number	FA-A-102
Sheet Size	ARCH D



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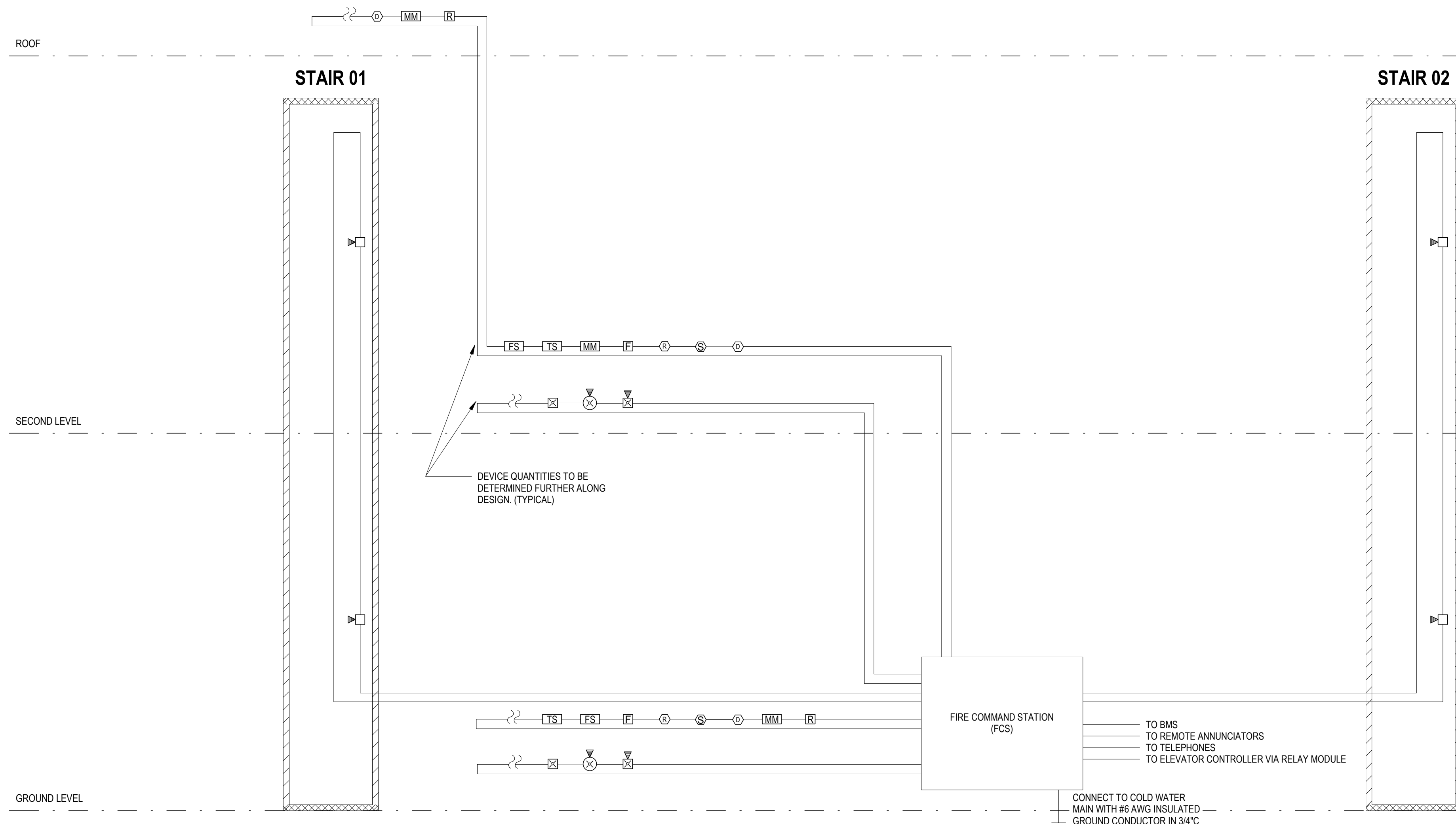
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 Drawing Title
 Fire Alarm - Roof
 Level

Date	11/06/20
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Drawing Number	FA-A-103
Sheet Size	ARCH D

FIRE ALARM GENERAL NOTES

- INSTALL FIRE ALARM EQUIPMENT, FIRE ALARM SPEAKERS AND STROBE LIGHTS (ADA TYPE) UNITS AT THE LOCATION INDICATED ON THE PLAN.
- THE OPERATION OF THE FIRE ALARM INSTALLATION DOES NOT CONSTITUTE AN ACCEPTANCE OF THE WORK BY THE OWNER. FINAL ACCEPTANCE IS TO BE MADE AFTER THE CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS ALL THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS AND HAS FURNISHED ALL REQUIRED CERTIFICATES OF APPROVAL FROM THE STATE AUTHORITIES, MUNICIPAL AUTHORITIES AND UNDERWRITERS.
- INCLUDE ALL FEES FOR FILING APPROVALS AND SELF-CERTIFICATION OF THE FIRE ALARM INSTALLATION.
- ALL WIRING, POWER, CONDUCTORS, CONDUITS ETC. SHALL MEET NATIONAL ELECTRICAL CODE ARTICLE 760.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2020 NEW YORK STATE BUILDING CODE AND IN ACCORDANCE WITH APPENDIX K, 2020 NEW YORK STATE FIRE CODE FIRE ALARM RULES, AND 2016 NFPA 72.
- ALL FIRE ALARM EQUIPMENT SHALL BE APPROVED 2020 NEW YORK STATE BUILDING CODE (MEA, BSA OR COA APPROVED).
- ALL FIRE ALARM CIRCUITS SHALL BE SIZED TO A MAXIMUM OF 80% OF CAPACITY.
- ALL FIRE ALARM CIRCUITS SHALL BE WIRED PER NFPA CLASS A WITH THE EXCEPTION OF THE NETWORK CIRCUIT WHICH SHALL BE NFPA STYLE 7 (CLASS A WITH ISOLATION). ALL AUDIBLE AND VISUAL CIRCUITS SHALL BE SPLIT A/B. A/B CIRCUITS SHALL BE WIRED SO THAT EVERY OTHER DEVICE IS WIRED ON AN ALTERNATE CIRCUIT.
- CONDUITS MAY NOT ENTER THE TOP OF ANY FIRE ALARM EQUIPMENT CABINET.
- ALL FIRE ALARM EQUIPMENT SHALL BE INSTALLED WITH AESTHETICS IN MIND. CABINETS SHALL BE SEMI FLUSH MOUNTED AND CABLE TRAYS SHALL BE HIDDEN.
- ALL FIRE ALARM CABINETS AND JUNCTION BOXES SHALL BE PAINTED FIRE DEPARTMENT RED. ALL FIRE ALARM CABINETS SHALL BE CLEARLY LABELED WITH A 2020 NEW YORK STATE BUILDING CODE APPROVED LAMINATE ENGRAVED LABEL.
- ALL FIRE ALARM WIRE SHALL BE CLEARLY LABELED IN JUNCTION BOXES AND CABINETS. ALL TERMINALS SHALL BE NUMBERED AND LABELED. ALL CONNECTIONS SHALL BE EITHER SOLDERED, APPROVED TERMINAL STRIPS OR SCOTCH LOCKS.
- ALL LOW VOLTAGE FIRE ALARM CONDUCTORS SHALL BE IN RIGID METAL CONDUIT.
- FIRE ALARM CABLES SHALL NOT BE MIXED WITH NON FIRE ALARM CABLING. LOW VOLTAGE FIRE ALARM CABLING SHALL NOT BE MIXED OR WIRED NEAR ANY AC CIRCUIT.
- ALL LOW VOLTAGE WIRING SHALL BE FPLP 150 DEGREE C CERTIFIED WIRE. ALL NOTIFICATION CIRCUITS SHALL BE A MINIMUM OF 14 AWG AND ALL OTHER LOW VOLTAGE FIRE ALARM CIRCUITS SHALL BE 16 AWG MINIMUM.
- VERTICAL RISER CABLE FOR ALL SYSTEMS SHALL INCLUDE 2-HOUR PROTECTION CABLE PER THE 2017 NATIONAL ELECTRICAL CODE OR BE INSTALLED IN A 2 HOUR RATED SHAFT.
- POLARITY SHALL BE OBSERVED ON ALL CIRCUITS. T-TAPPING SHALL NOT BE ALLOWED ON ANY NOTIFICATION CIRCUITS (HORN, STROBE OR SPEAKER). T-TAPPING SHALL NOT BE PERMITTED ON ADDRESSABLE CIRCUITS WITHOUT THE EXPRESS PERMISSION OF THE ENGINEER.
- ALL WIRING SHALL BE INSPECTED TO ASSURE THERE ARE NO OPENS, SHORTS OR EARTH GROUNDS.
- SHIELDED CONDUCTORS OR RUNNING IN SEPARATE RACEWAY SHALL BE AS INSTRUCTED BY THE FIRE ALARM MANUFACTURER'S DOCUMENTATION. ALL NON-POWER LIMITED WIRING, INCLUDING CIRCUITS FOR CENTRALIZED AMPLIFIERS SHALL BE RUN IN A SEPARATE RACEWAY (NOTE: CENTRALIZED AMPLIFIERS *AMP RACKS* ARE NOT PERMITTED ON NEW SYSTEMS).
- FIRE ALARM EQUIPMENT SHALL BE POWERED THROUGH AN APPROVED FUSE DISCONNECT SWITCH (FDS). THE FDS SHALL BE HEAVY DUTY (200,000 RMS SHORT CIRCUIT AMPS) SAFETY SWITCH @30 AMPS MINIMUM, PAINTED RED, INCLUDE A GROUND AND NEUTRAL KIT WITH GROUNDING SCREW (TO BOND NEUTRAL), INCLUDE A PADLOCK WITH Y1 CYLINDER KEYS TO A 2020 NEW YORK STATE FIRE CODE APPROVED KEY. ALL WIRING SHALL BE #10 MINIMUM THHN OR EQUIVALENT RUN IN 1/2 INCH EMT/RGS AND IN ACCORDANCE WITH 2020 NEW YORK STATE BUILDING CODE REQUIREMENTS. THE GROUND TO THE FDS SHALL BE MADE USING A 2020 NEW YORK STATE BUILDING CODE ACCEPTED METHOD (SEE 2017 NATIONAL ELECTRICAL CODE), AND THE GROUND WIRE TO THE FDS SHALL BE #10 MINIMUM (LARGER IF NECESSARY TO MEET FEED SIZE). THE EQUIPMENT GROUND LEAVING FROM THE FDS CONNECTING TO THE FIRE ALARM EQUIPMENT SHALL INCLUDE A #10 GREEN GROUND. THE FDS PANEL SHALL BEAR AN ENGRAVED WHITE-CORE PHENOLIC OR BAKELITE IDENTIFICATION NAMEPLATE STATING IN MINIMUM ONE-QUARTER INCH (1/4") HIGH WHITE LETTERS ON A RED BACKGROUND "FIRE ALARM FUSED DISCONNECT".
- WHERE ADDITIONAL CIRCUITS ARE REQUIRED BY THE FIRE ALARM SYSTEM, A FUSED CUTOFF, PROPERLY SIZED SHALL BE INCLUDED, WIRED AFTER THE FDS. THE SIZE OF THE FUSES SHALL BE SIZED APPROPRIATELY BUT BE TWENTY (20) AMPERES MINIMUM AND EACH CIRCUIT SHALL ONLY FEED ONE "INDIVIDUAL" FIRE ALARM SYSTEM COMPONENT. THE FUSED CUT-OUT PANEL SHALL BEAR AN ENGRAVED WHITE-CORE PHENOLIC OR BAKELITE IDENTIFICATION NAMEPLATE STATING IN MINIMUM ONE-QUARTER INCH (1/4") HIGH WHITE LETTERS ON A RED BACKGROUND "FIRE ALARM FUSED CUT-OUT". THE NEUTRAL SHALL NOT BE BONDED IN THE FUSED CUTOFF.
- A CENTRAL STATION DIALER AND TWO DEDICATED PHONE LINES SHALL BE PROVIDED. THE DIALER SHALL BE CAPABLE OF SENDING THE FOLLOWING EVENTS: ALARM, MANUAL STATION, WATERFLOW, SUPERVISORY, TROUBLE, PUMP RUNNING AND PUMP TROUBLE.
- ALL AREA OR DUCT SMOKE DETECTORS SHALL BE PHOTO-ELECTRIC TYPE.
- SMOKE DETECTORS MUST BE MOUNTED AT LEAST 3 FT AWAY FROM ANY AIR REGISTER.
- ALL CEILING MOUNT DEVICES MUST BE SECURELY FASTENED TO BUILDING CONSTRUCTION.
- DEVICE LOCATIONS MUST BE READILY ACCESSIBLE TO ALLOW FOR MAINTENANCE AND REPAIR.
- DUCT MOUNTED SMOKE DETECTORS SHALL BE MOUNTED ON THE DUCTWORK IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ALL DUCT DETECTORS SHALL BE PROVIDED WITH A REMOTE LED.
- MANUAL STATIONS SHALL BE MOUNTED 48 INCHES ABOVE THE FINISHED FLOOR TO THE HANDLE OF THE STATION AND SHALL BE PAINTED FIRE DEPARTMENT RED. ALL MANUAL STATION SHALL BE INSTALLED SO THAT THEY ARE KEPT UN-OBSTRICTED AT ALL TIMES.
- ALL STROBE LIGHTS SHALL BE ADA AND UL-1971 APPROVED/LISTED. THE MINIMUM CANDELA IS 75 UNLESS OTHERWISE NOTED. A 1575 STROBE MAY BE UTILIZED WHERE 15 CANDELA STROBES MEET NFPA REQUIREMENTS (CORRIDORS AND 20 X 20 SPACES). THE SAME CANDELA SETTING SHALL ALSO BE APPLIED TO THE DESIGNATED H&V APARTMENTS.
- NOTIFICATION DEVICES THAT INCLUDE A STROBE SHALL BE MOUNTED 80 INCHES OFF THE FINISHED FLOOR TO THE BOTTOM OF THE STROBE, NOT NECESSARILY THE ELECTRICAL BOX.
- ALL AUXILIARY RELAYS FOR FAN SHUTDOWN, DOOR RELEASE, DAMPER CONTROL, ELEVATOR CONTROL, ETC SHALL BE WIRED A MAXIMUM OF 3 FT FROM THE CONTROLLED DEVICE. THE AUXILIARY RELAY SHALL FUNCTION WITHIN THE REQUIRED VOLTAGE AND CURRENT OF THE CONTROLLED DEVICE. SLAVE OR INTERPOSING RELAYS SHALL BE INCLUDED AND POWERED BY THE FIRE ALARM CONTROL PANEL IN A FAIL-SAFE (FIRE FUNCTION) POSITION. POWER TO THE INTERPOSING RELAY SHALL BE MONITORED BY THE FIRE ALARM SYSTEM.
- THE FIRE DEPARTMENT SHALL APPROVE THE PLANS PRIOR TO THE BEGINNING OF ANY WORK.
- LOCATIONS OF ALL FIRE ALARM EQUIPMENT SHALL BE SUBJECT TO THE DEPARTMENT OF BUILDINGS AND FD APPROVAL. NO CHANGE OR MODIFICATION TO THE SYSTEM OR PLANS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. IF ANY CHANGES ARE MADE TO THE DRAWINGS PRIOR TO OR DURING INSTALLATION, AS BUILT PLANS SHALL BE PREPARED BY THE FIRE ALARM CONTRACTOR AND FILED WITH THE APPROPRIATE AGENCIES FOR FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL RETAIN A NEW YORK STATE PE TO SIGN AND SEAL ALL NECESSARY DOCUMENTS REQUIRED FOR INSPECTION AND TO OBTAIN A FINAL LETTER OF APPROVAL. THIS SHALL INCLUDE A SIGNED AND SEALED 11X17 AS-BUILT DRAWINGS, STATEMENT OF OPERATION, AN NFPA PROGRAMMING MATRIX, AND THE CONTRACTORS SIGNED AND SEALED FORMS. THESE DOCUMENTS SHALL BE SUBMITTED AS NECESSARY TO THE FIRE DEPARTMENT/ DEPARTMENT OF BUILDINGS TO OBTAIN A FIRE ALARM INSPECTION. IF A LETTER OF DEFECT IS ISSUED, THE CONTRACTOR SHALL CORRECT ALL ITEMS AND SUBMIT A SIGNED AND SEALED CERTIFICATE OF CORRECTION TO THE FIRE DEPARTMENT TO OBTAIN A FINAL LETTER OF APPROVAL AT NO ADDITIONAL COST TO THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY AND ALL ABANDONED FIRE ALARM CABINETS, DEVICES, AND WIRE. PAINT, PATCH AND CLEANUP SHALL ALSO BE INCLUDED.
- CARBON MONOXIDE (CO) AND COMBINATION SMOKE AND CO DETECTORS SHALL BE FULLY ADDRESSABLE (EST SIGAZ SERIES OR EQUAL) AND INCLUDE A SOUNDER BASE. MANUFACTURERS THAT DO NOT OFFER AN ADDRESSABLE CO OR SMOKE/CO TYPE DEVICE SHALL INCLUDE SEPARATE CO AND SMOKE DETECTORS, EACH WITH AN INTERNAL SOUNDER, AND THE NECESSARY MONITORING DEVICES SO THAT THE FIRE ALARM SYSTEM MAY MONITOR BOTH TYPES SEPARATELY AT NO ADDITIONAL COST TO THE PROJECT. IF POWERED SEPARATELY (24VDC), POWER TO THE DEVICE SHALL ALSO BE SUPERVISED.
- BATTERY BACKUP SHALL BE PROVIDED FOR A MINIMUM OF 24 HOURS STANDBY FOLLOWED BY 45 HOURS OF FULL ALARM WITH ALL CALL VOICE PAGING CAPABILITY PLUS REQUIRED SPARE CAPACITY AND TEN PERCENT DEGRADATION OF BATTERIES.
- WHERE DISAGREEMENTS OR DISCREPANCIES OCCUR BETWEEN THE PLANS AND THE SPECIFICATIONS, OR WITHIN EITHER DOCUMENT ITSELF, THE ITEM OR ARRANGEMENT OF BETTER QUALITY, GREATER QUANTITY OR HIGHER COST SHALL BE INCLUDED IN THE BASE BID.
- LEVEL OF SURVIVABILITY: VERTICAL RISER CABLE FOR ALL SYSTEMS THAT INCLUDE PARTIAL EVACUATION (ANYTHING OTHER THAN A GENERAL ALARM SEQUENCE - SEE SEQUENCE / MATRIX) SHALL INCLUDE A LEVEL 2 PATHWAY OF SURVIVABILITY (NOT FULLY SPRINKLERED) OR LEVEL 3 (FULLY SPRINKLERED) AND A 2 HOUR RATED SHAFT OR RISER. ALL OTHERS SHALL INCLUDE A PATHWAY LEVEL 0 (UNSPRINKLERED) OR LEVEL 1 (FULLY SPRINKLERED).



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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Fire Alarm Riser

Date 11/06/20

Scale Not to Scale

Drawing Number **FA-A-701**

Sheet Size ARCH D

ABBREVIATIONS	
ABD	AUTOMATIC BALL DRIP
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
BFP	BACK FLOW PREVENTER
BOP	BOTTOM OF PIPE
CL	CENTERLINE
CLG	CEILING
COMB	COMBINATION
CP	CONTROL PANEL
CCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DCV	DOUBLE CHECK VALVE
DN	DOWN
DPS	DRY PIPE SYSTEM
DPV	DRY PIPE VALVE
DR	DRAIN
DU	DRYER UNIT
DWG	DRAWING
EL	ELEVATION
ETR	EXISTING TO REMAIN
ETBR	EXISTING TO BE REMOVED
EX	EXISTING
F	FIRE SERVICE
FCVA	FLOOR CONTROL VALVE ASSEMBLY
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FHV	FIRE HOSE VALVE
FM	FACTORY MUTUAL
FP	FIRE PUMP
FS	FLOW SWITCH
FSP	FIRE STAND PIPE
FT	FOOT, FEET
HDS	HEADS
HR	HOOR
HZ	HIGH ZONE
IE	INVERT ELEVATION
INV	INVERT
JP	JOCKEY PUMP
JS	JANITORS SINK
LZ	LOW ZONE
MS	MOP SINK
MTD	MOUNTED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
OS&Y	OUTSIDE SCREW & YOKE
PG	PRESSURE GAUGE
PLMB	PLUMBING

PO	PLUGGED OUTLET
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
RCV	RISER CONTROL VALVE
RPZ	REDUCED PRESSURE ZONE BFP ASSEMBLY
SQ.FT.	SQUARE FOOT (FEET)
SPECS	SPECIFICATIONS
SPR	SPRINKLER
SS	SERVICE SINK
STD	STANDARD
TEMP	TEMPERATURE
TS	TAMPER SWITCH
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
VO	VALVED OUTLET
WM	WATER METER
WP	WATER PROOF

PIPING SYMBOLS	
	SYSTEM DESCRIPTION RISER NUMBER SPRINKLER RISER TAG
	SECTION SHEET No. SECTION NUMBER DETAIL REFERENCE IN 400 SERIES
	SYSTEM DESCRIPTION RISER NUMBER FIRE STANDPIPE RISER TAG
	FLOOR DRAIN
	ARROW INDICATES DIRECTION OF FLOW
	PIPE UP
	PIPE DROP
	PIPE DROP OR RISE
	TOP CONNECTION
	BOTTOM CONNECTION
	CAPPED CONNECTION
	BREAK
	UNION
	PIPE SLEEVE
	WATERPROOF PIPE SLEEVE

FIRE PROTECTION SYMBOLS	
	DOUBLE CHECK DETECTOR VALVE ASSEMBLY
	REDUCED PRESSURE ZONE VALVE ASSEMBLY
	DOUBLE CHECK VALVE ASSEMBLY
	FLOOR CONTROL VALVE ASSEMBLY WITH TS AND WFS
	CHECK VALVE
	GATE VALVE
	BALL VALVE
	PRESSURE GAUGE
	FIRE HOSE VALVE
	FIRE HOSE VALVE IN CABINET
	FLOW SWITCH
	PUMP
	MODULATING CONTROL VALVE
	FLOOR CONTROL VALVE ASSEMBLY AND FIRE HOSE VALVE IN FIRE RATED CABINET
	STRAINER
	OUTSIDE STEM AND YOKE VALVE W/ TAMPER SWITCH
	PRESSURE REDUCING VALVE
	PEDESTAL FIRE DEPARTMENT CONNECTION
	FLUSH FIRE DEPARTMENT CONNECTION
	FIRE PUMP TEST HEADER (FLUSH TYPE)
	FIRE EQUIPMENT CABINET
	FIRE HOSE CABINET
	3 WAY ROOF MANIFOLD
	DRY PIPE VALVE
	ALARM CHECK VALVE
	POINT OF DISCONNECT
	CONNECT NEW PIPING TO EXISTING

FIRE PROTECTION SYMBOLS	
	UPRIGHT SPRINKLER HEAD
	CONCEALED PENDENT SPRINKLER HEAD
	SPRINKLER HEAD BELOW DUCT/EQUIPMENT
	SIDEWALL SPRINKLER HEAD
	DRY PENDENT SPRINKLER HEAD
	DRY SIDEWALL SPRINKLER HEAD
	EXPOSED PENDANT SPRINKLER HEAD
	SEMI-RECESSED PENDENT SPRINKLER HEAD
	EXISTING SPRINKLER HEAD TO BE REMOVED
	EXTENDED COVERAGE SIDEWALL SPRINKLER HEAD
	DRY EXTENDED COVERAGE SIDEWALL SPRINKLER HEAD
	REMOVE EXISTING SPRINKLER HEAD, NEW 1\"/>
	VALVE ON RISE
	FIRE MAIN
	EXISTING FIRE MAIN
	FIRE MAIN WITH HEAT TRACE
	FIRE STAND PIPE
	EXISTING FIRE STAND PIPE
	DRY FIRE STAND PIPE
	EXISTING DRY FIRE STAND PIPE
	SPRINKLER PIPING
	EXISTING SPRINKLER PIPING
	PREACTION SPRINKLER PIPING
	EXISTING PREACTION SPRINKLER PIPING
	DRAIN PIPING
	EXISTING DRAIN PIPING
	REMOVE EXISTING PIPING

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Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title

Abbreviations, Symbols, & Legends

Date	11/06/20
Scale	Not to Scale
Drawing Number	FP-A-001
Sheet Size	ARCH D

GENERAL SPRINKLER NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.

2. COORDINATE THE FIRE PROTECTION SYSTEM WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING A FULL SET OF BID DOCUMENTS AND VISIT THE SITE TO MAKE HIMSELF AWARE OF THE TOTAL JOB BEFORE SUBMITTING HIS PRICE, FAILURE TO COMPLY SHALL NOT HOLD THE OWNER RESPONSIBLE FOR ANY ADDITIONAL COST. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH FACILITY'S BUILDING MANAGEMENT FOR HANDLING MATERIALS, AS WELL AS FOR ALLOWABLE WORKING HOURS AND DELIVERIES.

4. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND MANUFACTURERS' CUTS AND SAMPLES TO ARCHITECT PRIOR TO COMMENCEMENT OF SUCH WORK.

5. THE CONTRACTOR SHALL INDICATE ON HIS SHOP DRAWING THAT ALL PIPING LAYOUTS ARE COORDINATED WITH THE MEP AND STRUCTURAL CONDITIONS, INCLUDE ON EACH WORKING DRAWING LAYOUT CERTIFICATE, THAT ALL RELATED CONDITIONS HAVE BEEN CHECKED, AND THAT NO CONFLICT EXISTS. SUBMISSION WILL NOT BE APPROVED WITHOUT SUCH CERTIFICATION.

6. CONTRACTOR SHALL SUBMIT SPRINKLER HYDRAULIC CALCULATIONS FOR THE ENGINEER'S REVIEW TO VERIFY THE ADEQUACY OF THE INDICATED PIPE SIZES.

7. DRAWINGS ARE NOT TO BE SCALED.

8. CONTRACTOR SHALL COMPLY WITH ALL NEW YORK STATE BUILDING DEPARTMENT AND REGULATORY AGENCIES AND CODE REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS OF ALL TRADES.

9. CONTRACTOR SHALL CARRY AND DOCUMENT LIABILITY, ACCIDENT AND PROPERTY DAMAGE INSURANCE AS REQUIRED BY COOPERATIVE CORPORATION AND OBSERVE THEIR PERMITTED HOURS FOR WORK.

10. CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTOR'S WORKERS, SUBCONTRACTORS OR AGENTS, AND SHALL BE RESPONSIBLE FOR REPAIRING, CLEANING OR REPLACING ANY SUCH DAMAGE.

11. ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED ROPS.

12. UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, APPURTENANCES, EQUIPMENT AND SERVICES TO COMPLETE ALL WORK AS INDICATED ON DRAWINGS AND/OR SPECIFIED ON NOTES.

13. UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FOLLOW MANUFACTURER'S DIRECTIONS, INSTRUCTIONS AND RECOMMENDATIONS FOR ALL MATERIALS AND PROCESSES USED IN THIS CONTRACT.

14. THE CONTRACTOR SHALL ALLOW FOUR (4) ADDITIONAL SPRINKLERS PER BRANCH TO BE INSTALLED BELOW AND ABOVE THE DUCTS IN MECHANICAL ROOMS AND SPACES WITHOUT CEILINGS.

15. SPRINKLER HEADS SHALL NOT BE LOCATED DIRECTLY OVER ANY ELECTRICAL AND TELEPHONE EQUIPMENT.

16. ELECTRICAL AND TELEPHONE EQUIPMENT SHALL BE PROTECTED BY A SHIELD TO DEFLECT WATER AWAY FROM SUCH EQUIPMENT. SHIELD SHALL BE GALVANIZED STEEL, ALUMINUM OR BRASS.

17. ACCESS DOORS ARE TO BE PROVIDED ADJACENT TO ALL VALVES.

18. SPRINKLERS IN MECHANICAL ROOM SHALL HAVE A TEMPERATURE RATING OF 212°F. LOCATIONS, NECESSARY FOR INSPECTION AND MAINTENANCE.

19. SPRINKLER PIPING SHALL BE INSTALLED AS PER APPROVED SHOP DRAWINGS.

20. CONTRACTOR SHALL BASE ALL HYDRAULIC CALCULATIONS ON THE AVAILABLE PRESSURE AND WATER FLOW DATA AT EXISTING FLOOR CONTROL ASSEMBLY.

21. EACH CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL PENETRATIONS, CUTTING, PATCHING, SLEEVES, AND FIRESTOPPING REQUIRED TO COMPLETE THE INSTALLATION OF ALL WORK INCLUDED UNDER THEIR CONTRACT IN ACCORDANCE WITH THE FIRE EGRESS AND SECURITY PLAN DRAWINGS.

22. ALL SPRINKLER HEADS IN MECHANICAL AND STORAGE ROOMS SHALL HAVE HEAD GUARDS.

23. PROVIDE HYDRAULICALLY DESIGNED SPRINKLER SYSTEM FOR ALL PIPING NOT SIZED.

24. LOCATE ALL HORIZONTAL PIPING ABOVE SUSPENDED CEILING, UNLESS THERE IS NO CEILING.

25. AUTOMATIC SPRINKLERS SHALL NOT BE INSTALLED IN ELEVATOR MACHINE ROOMS AS PER NEW YORK STATE BUILDING CODE.

26. PROVIDE SPRINKLER HEADS UNDER DUCTS OVER 4'-0" IN WIDTH IN AREAS WITHOUT HUNG CEILING.

27. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNER'S USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECT'S INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA.

28. BUILDING DEPARTMENT APPROVED PLANS SHALL BE TURNED OVER TO OWNER AT THE COMPLETION OF THE JOB.

29. AT THE FINAL COMPLETION OF THE JOB, CONTRACTOR SHALL SUBMIT TO THE FACILITY AND TO ENGINEER A NOTARIZED AFFIDAVIT STATING COMPLIANCE WITH ALL PROVISIONS OF THIS CONTRACT, INCLUDING ALL NOTES, EXCEPT FOR THOSE CHANGES SPECIFICALLY APPROVED IN WRITING BY THE ARCHITECT.

30. CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED UNDER THIS CONTRACT FOR ONE YEAR, STARTING FROM DATE OF FINAL ACCEPTANCE OF ALL WORK.

31. THE MINIMUM SPRINKLER BRANCH PIPE SIZE SHALL BE 1".

32. SPRINKLER HEADS SHALL BE ± 1/2" FROM CENTER OF TILE CONTRACTOR SHALL ALLOW FOR ALL REQUIRED FITTINGS TO ACHIEVE THIS GOAL AND INCLUDE IT IN HIS CONTRACT PRICE.

33. ALL DRY TYPE SPRINKLER HEADS SHALL BE INSTALLED IN TEE TYPE FITTINGS ONLY.

SPRINKLER DESIGN CRITERIA

1. THE SPRINKLER SYSTEM IN THIS BUILDING SHALL BE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE AND THE ADOPTED VERSION OF NFPA-13.

2. THE PROPOSED HYDRAULIC DEMAND OF THE SYSTEM IS EQUAL TO, OR LESS THAN, THE HYDRAULIC DEMAND OF THE EXISTING SYSTEM.

3. OCCUPANCY CRITERIA

A. LIGHT HAZARD - OFFICE SPACE, SEATING AREA, AND CONFERENCE ROOMS DENSITY 0.10 GPM/ SQ. FT. OVER MOST HYDRAULICALLY REMOTE 1500 SQ. FT. MAXIMUM COVERAGE PER SPRINKLER HEAD 225 SQ. FT. 52,000 SQ.FT. MAXIMUM AREA LIMITATION.

B. ORDINARY HAZARD GROUP 1 - MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS. DENSITY 0.16 GPM PER SQ. FT OVER MOST HYDRAULICALLY REMOTE 1500 SQ. FT. MAXIMUM COVERAGE PER SPRINKLER HEAD 130 SQ. FT. 52,000 SQ. FT. MAXIMUM AREA LIMITATION.

4. MINIMUM PRESSURE AND WATER DISCHARGE:

A. LIGHT HAZARD MINIMUM PRESSURE AT SPRINKLER HEAD 7 PSI OR 14.87 GPM.

B. ORDINARY HAZARD GROUP 1 - MINIMUM PRESSURE AT SPRINKLER HEAD 13.7 PSI OR 20.8 GPM.

5. HYDRAULICALLY CALCULATED SYSTEMS SHALL MEET THE FOLLOWING CRITERIA:

A. EXACT LOCATION OF SPRINKLER HEADS IN FINISHED AREAS WITH SUSPENDED CEILINGS SHALL BE AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS WITH HEADS IN CENTER OF TILES.

B. WHENEVER ROLLED GROOVED CONNECTIONS ARE USED, ALLOWANCE FOR ADDITIONAL PRESSURE LOSS AT GROOVES SHALL BE MADE AS FOLLOWS:

B.1. FOR EACH COUPLING ON STRAIGHT RUN INCLUDING STRAIGHT FLOW THROUGH TEE OR CROSS: ADD 1 EQUIVALENT FOOT OF PIPE.

B.2. FOR EACH COUPLING AT ELBOW, TEE OR CROSS WHERE DIRECTION OF FLOW CHANGES: ADD 2 EQUIVALENT FEET OF PIPE.

C. EQUIVALENT FITTING LENGTHS USED IN HYDRAULIC CALCULATIONS SHALL BE IN ACCORDANCE WITH NFPA STANDARD NO. 13, 2007 AS REFERENCED BY THE NEW YORK STATE BUILDING CODE. WHEREVER FITTINGS ARE USED IN CONJUNCTION WITH SCHEDULE 40 PIPE, EQUIVALENT FITTING LENGTHS INDICATED IN NFPA 13 SHALL BE INCREASED BY 30%

D. DISCHARGE FROM EACH SPRINKLER HEAD SHALL NOT BE LESS THAN REQUIRED FOR AREA COVERED BY THE HEAD. AREA COVERAGE PER HEAD SHALL BE DETERMINED IN ACCORDANCE WITH NFPA 13, PARAGRAPH 22.4.4.6.1, AS REFERENCED BY NEW YORK STATE BUILDING CODE.

E. HYDRAULIC CALCULATIONS SHALL BE BROUGHT BACK TO CONNECTION TO WATER SUPPLY.

F. FLOW VELOCITY IN PIPING SHALL NOT EXCEED 20 FPS.

6. THESE HYDRAULIC CALCULATIONS ALONG WITH PUMP OR WATER FLOW TEST ARE TO BE SUBMITTED FOR APPROVAL TO THE ENGINEER AND TO THE INSURANCE UNDERWRITER HYDRAULIC CALCULATIONS SHALL BE BROUGHT BACK TO THE LOCATION OF THE PUMP OR WATER FLOW TEST.

7. CONSTRUCTION MAY ONLY BEGIN WHEN APPROVALS ARE GRANTED.

8. RESULT OF HYDRAULIC CALCULATIONS SHALL INDICATE MINIMUM 10% PRESSURE SAFETY MARGIN, I.E., EXCESS OF PRESSURE AVAILABLE OVER PRESSURE REQUIRED.

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Project

Storm King Art Center Administration Building

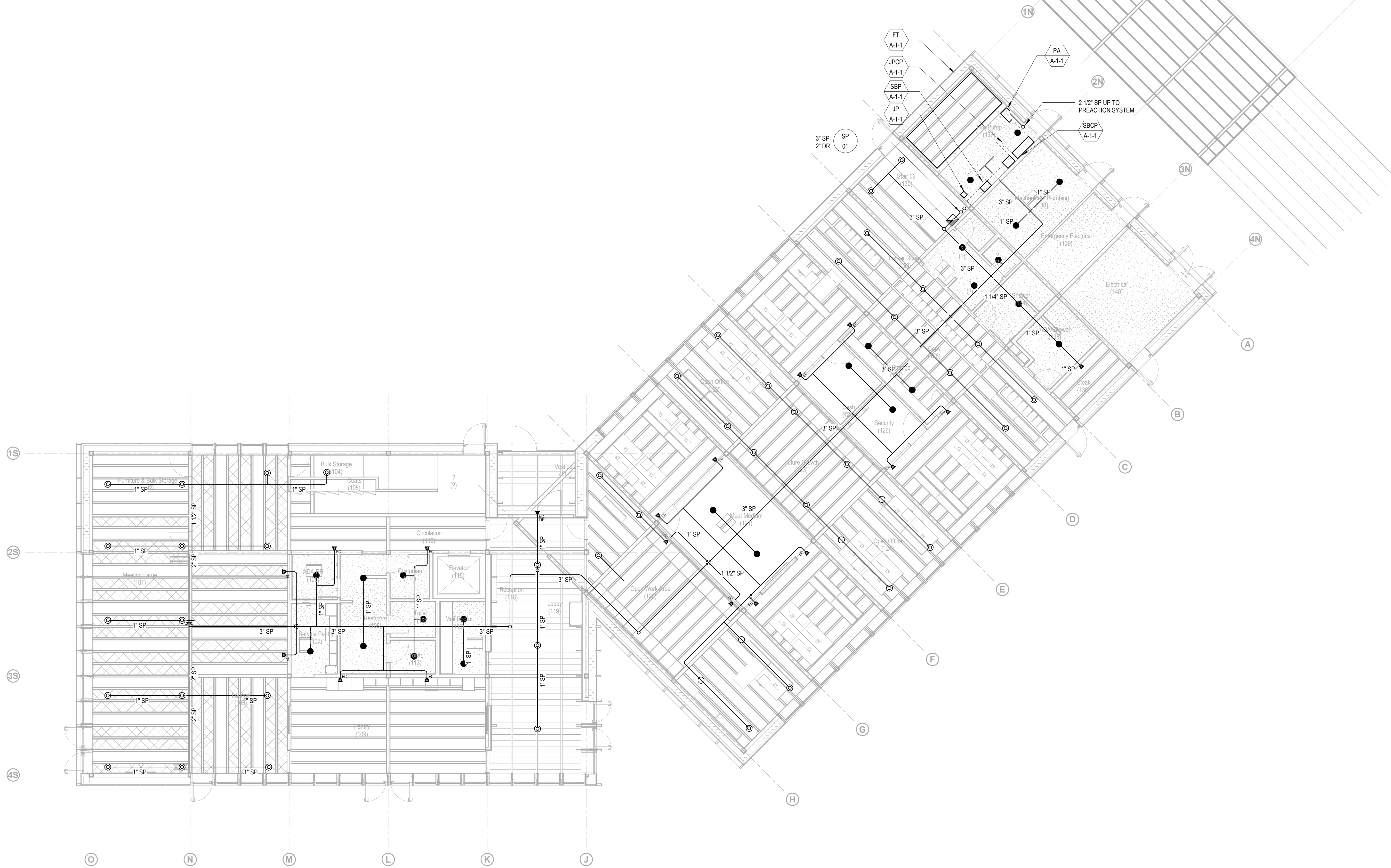
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General Notes

Date	11/06/20
Scale	Not to Scale
Drawing Number	FP-A-002
Sheet Size	ARCH D



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Key Plan

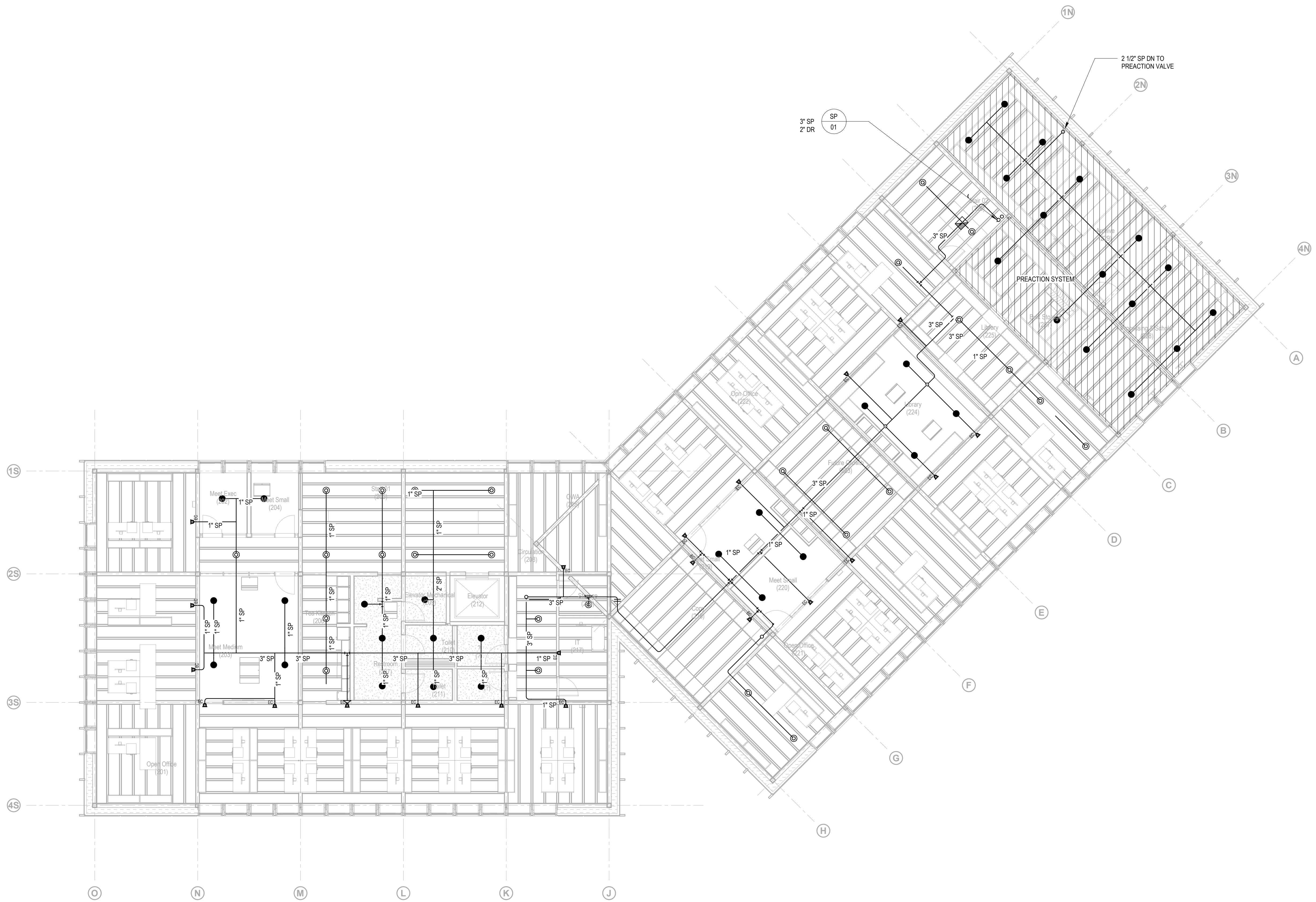
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Fire Protection -
 Ground Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	FP-A-101
Sheet Size	ARCH D



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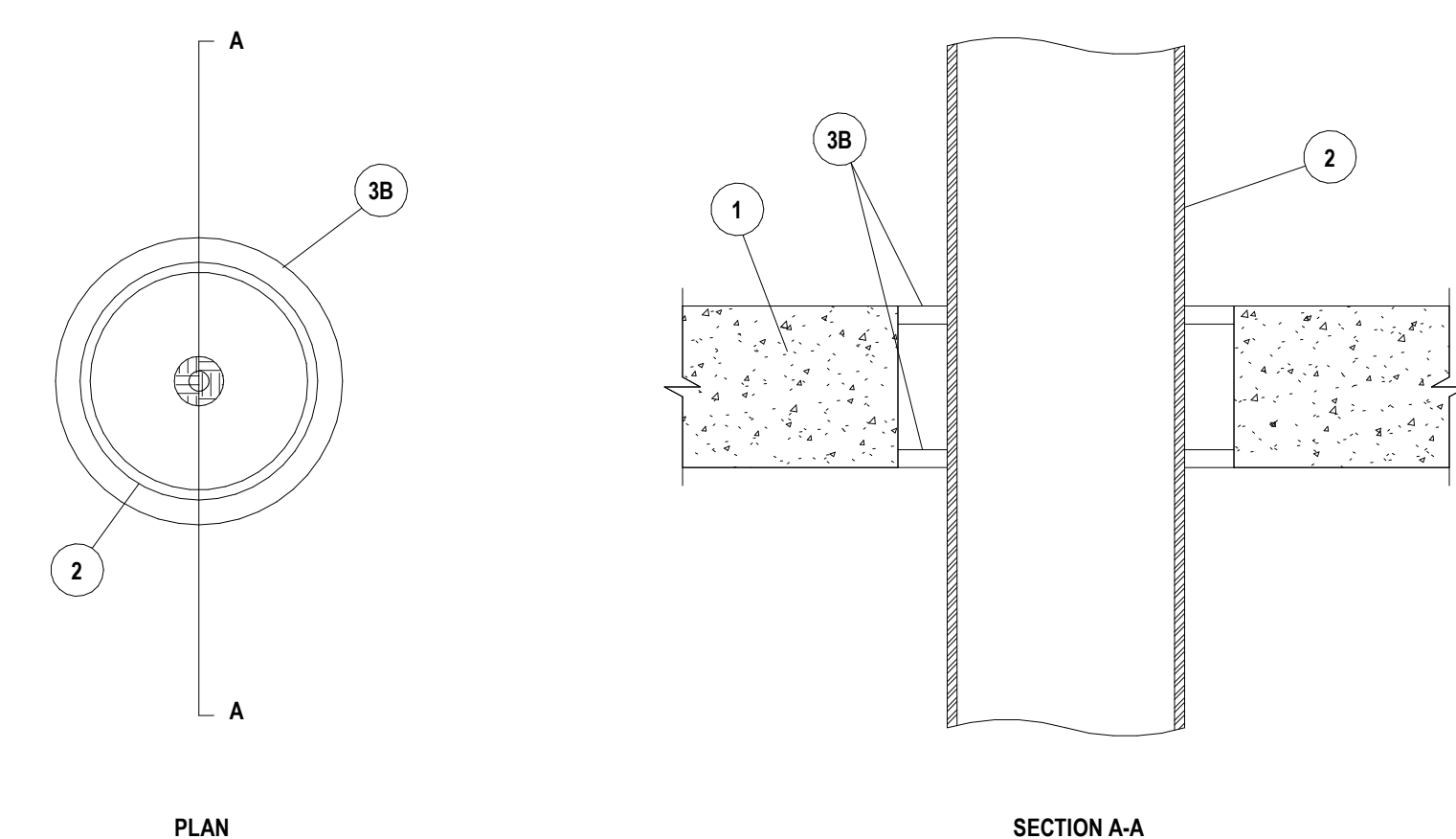
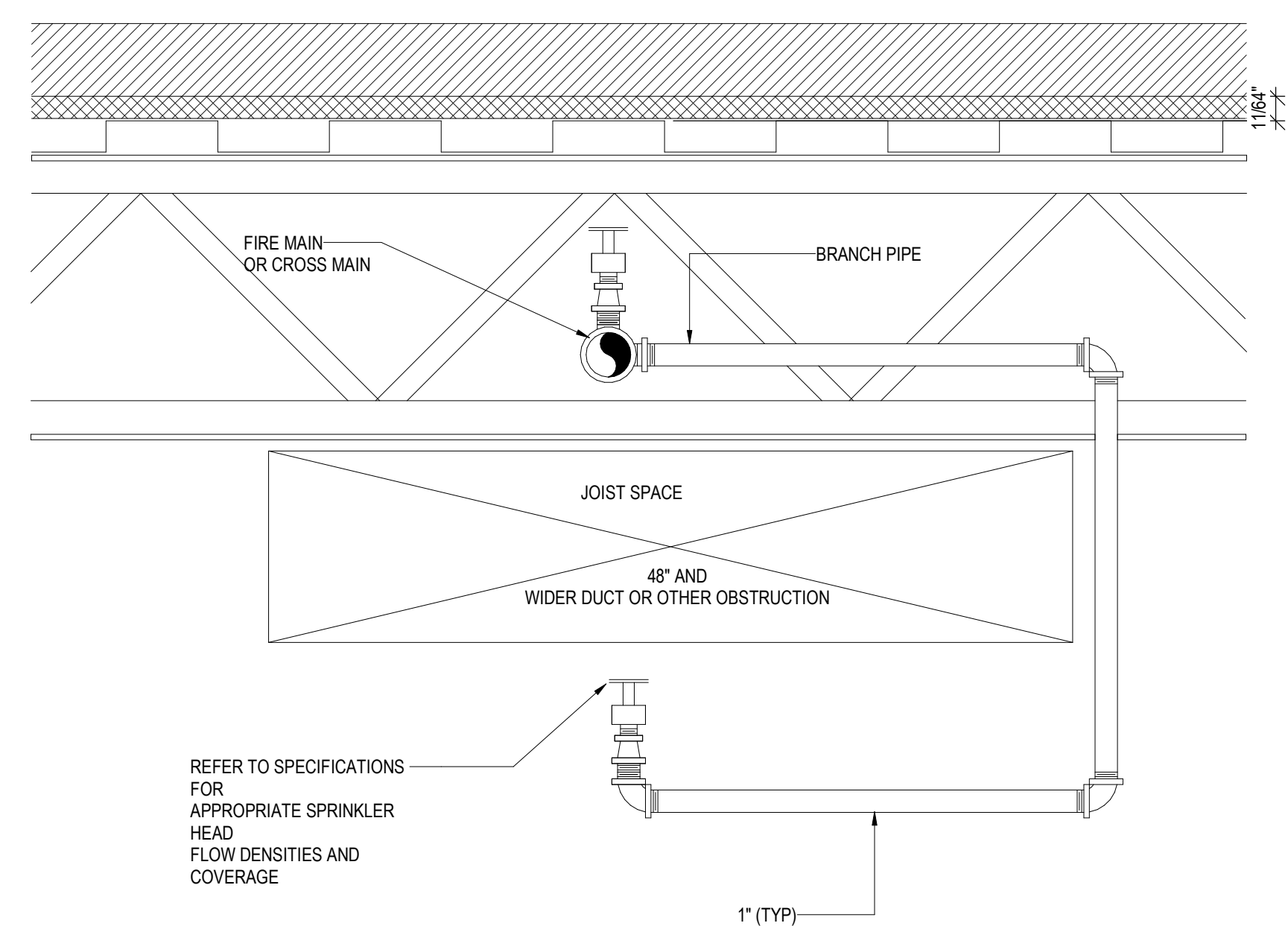
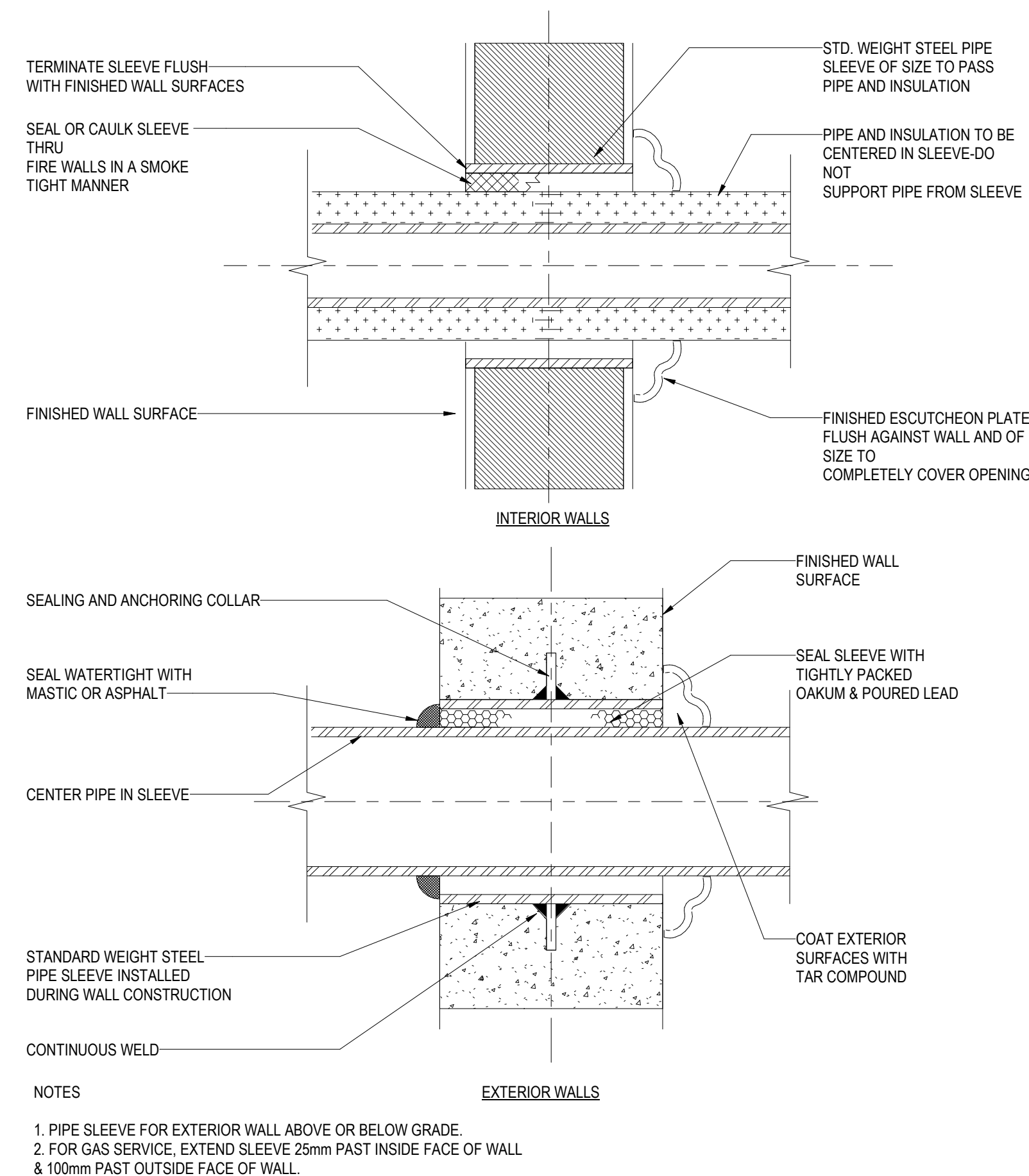
N	
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Fire Protection -
 Second Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	FP-A-102
Sheet Size	ARCH D



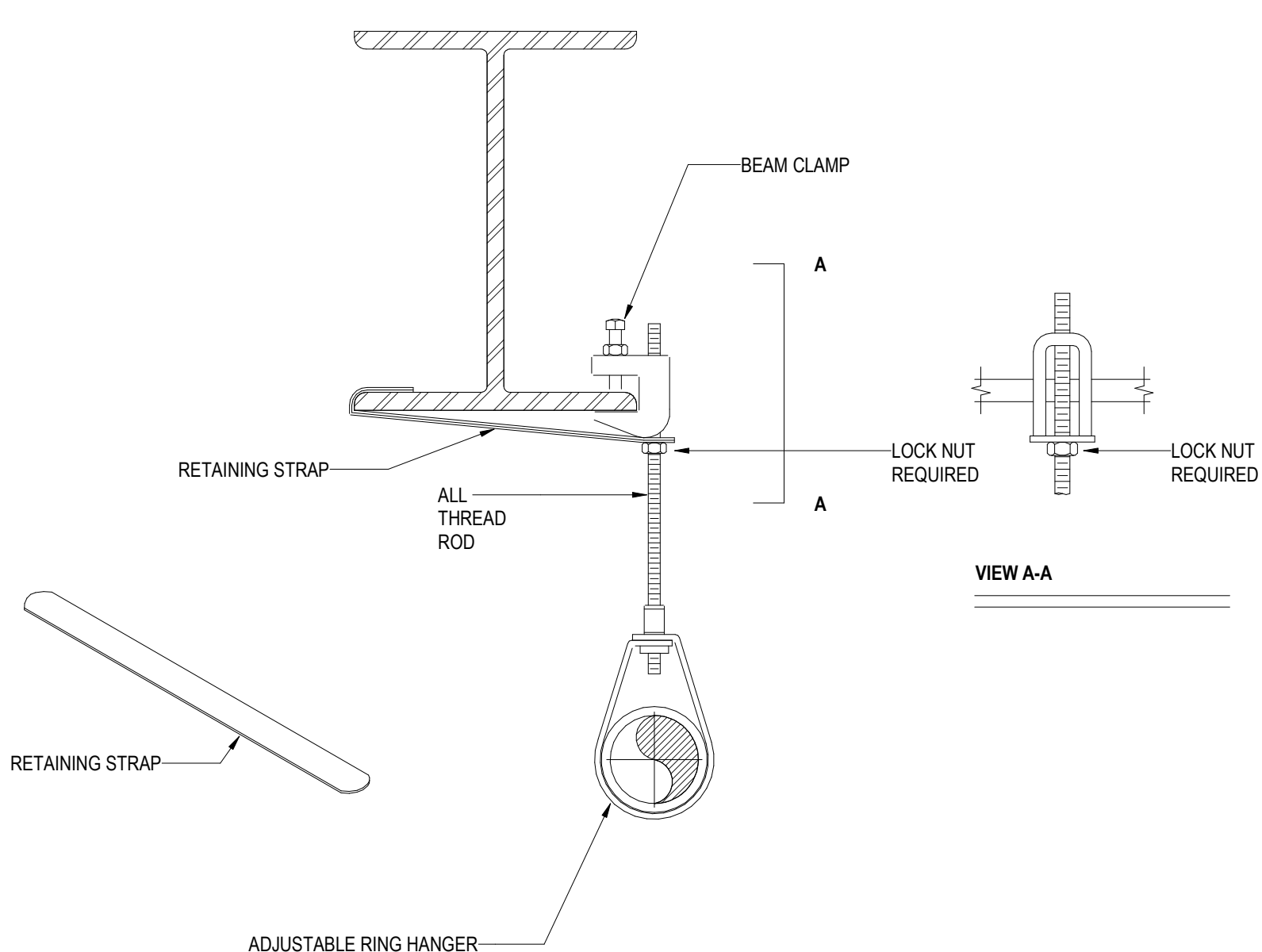
NOTES

- FLOOR AND WALL ASSEMBLY - MINIMUM 4 1/2" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAXIMUM DIAMETER OF OPENING IS 8".
- THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE CENTERED WITHIN THE FIRESTOP SYSTEM. A NOMINAL ANNULAR SPACE OF 1/16" IS REQUIRED WITHIN THE FIRESTOP SA NOMINAL ANNULAR SPACE OF 1/16" IS REQUIRED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
 - A. STEEL PIPE - NOMINAL 6" DIA. (OR SMALLER) SCHEDULE 5 (OR HEAVIER) COPPER TUBING.
 - B. IRON PIPE - NOMINAL 6" DIA. (OR SMALLER) CAST OR DUCTILE IRON PIPE.
 - C. CONDUIT - NOMINAL 4" DIA. (OR SMALLER) ELECTRICAL METALLIC TUBING OR NOMINAL 6" DIA. (OR SMALLER) RIGID GALVANIZED STEEL CONDUIT.
 - D. COPPER TUBING - NOMINAL 6" DIA. (OR SMALLER) TYPE M (OR HEAVIER) COPPER TUBING.
 - E. COPPER PIPE - NOMINAL 6" DIA. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
- FIRESTOP MATERIAL - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
 - A. PACKING MATERIAL - (NOT SHOWN, OPTIONAL) - MINIMUM 1 1/2" THICKNESS OF MINIMUM 6 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OF FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
 - B. UL CLASSIFIED FILL, VOID OR CAVITY MATERIAL - CAULK - MINIMUM 1" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS. FLUSH WITH TOP SURFACE OF FLOOR OR WITH BOTH SURFACES OF WALL. SPECIFIED TECHNOLOGIES INC. - SPECSEAL 100, 101, 105 SEALANT.

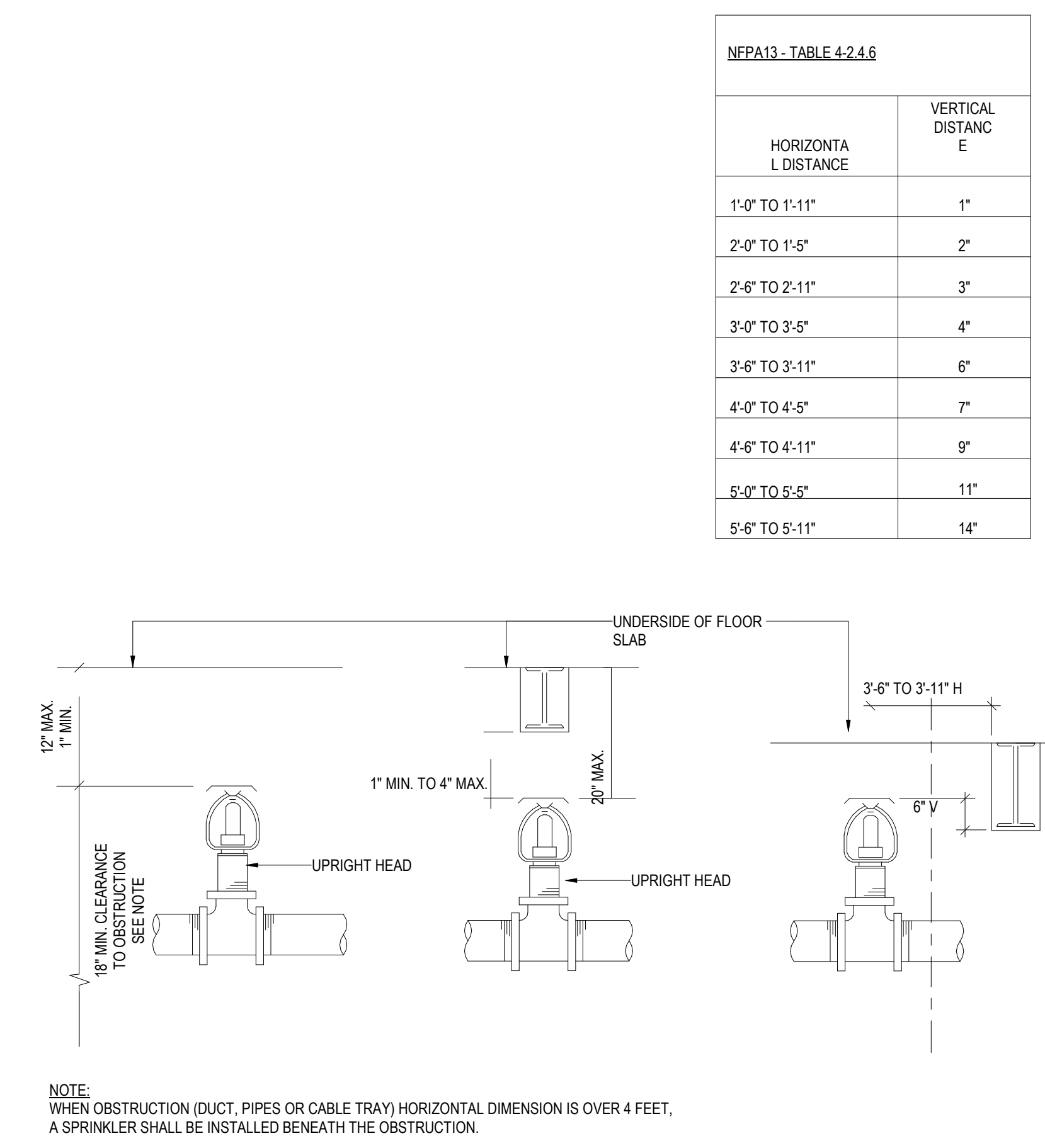
1 TYPICAL PIPE SLEEVES THRU WALL
NOT TO SCALE

2 OBSTRUCTED HEAD DETAIL
NOT TO SCALE

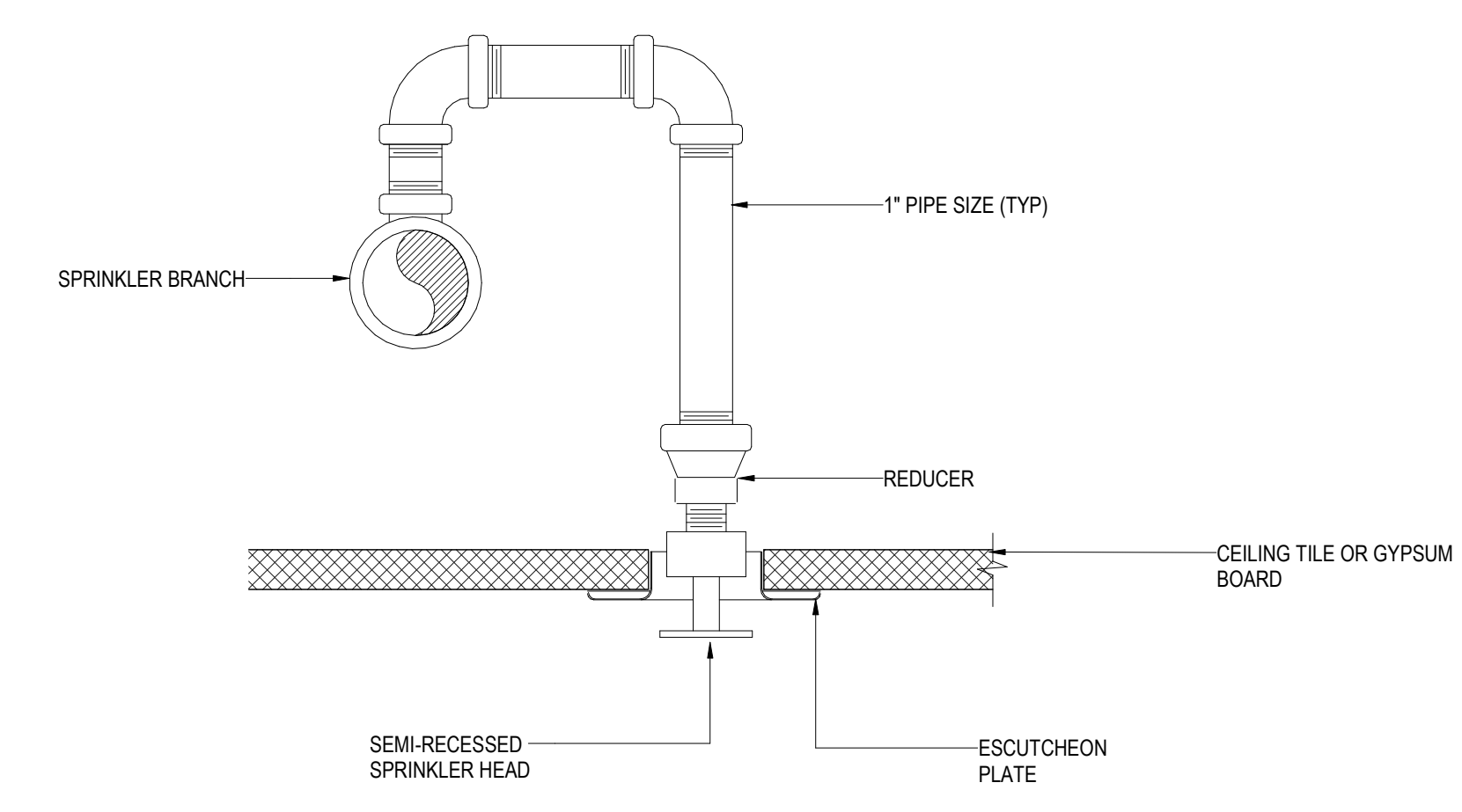
3 THROUGH PENETRATION FIRESTOP DETAIL
NOT TO SCALE



4 RETAINING STRAP & BEAM CLAMP DETAIL
NOT TO SCALE



5 TYPICAL UPRIGHT SPRINKLER
NOT TO SCALE



6 SPLINKLER HEAD DETAIL
NOT TO SCALE

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Key Plan

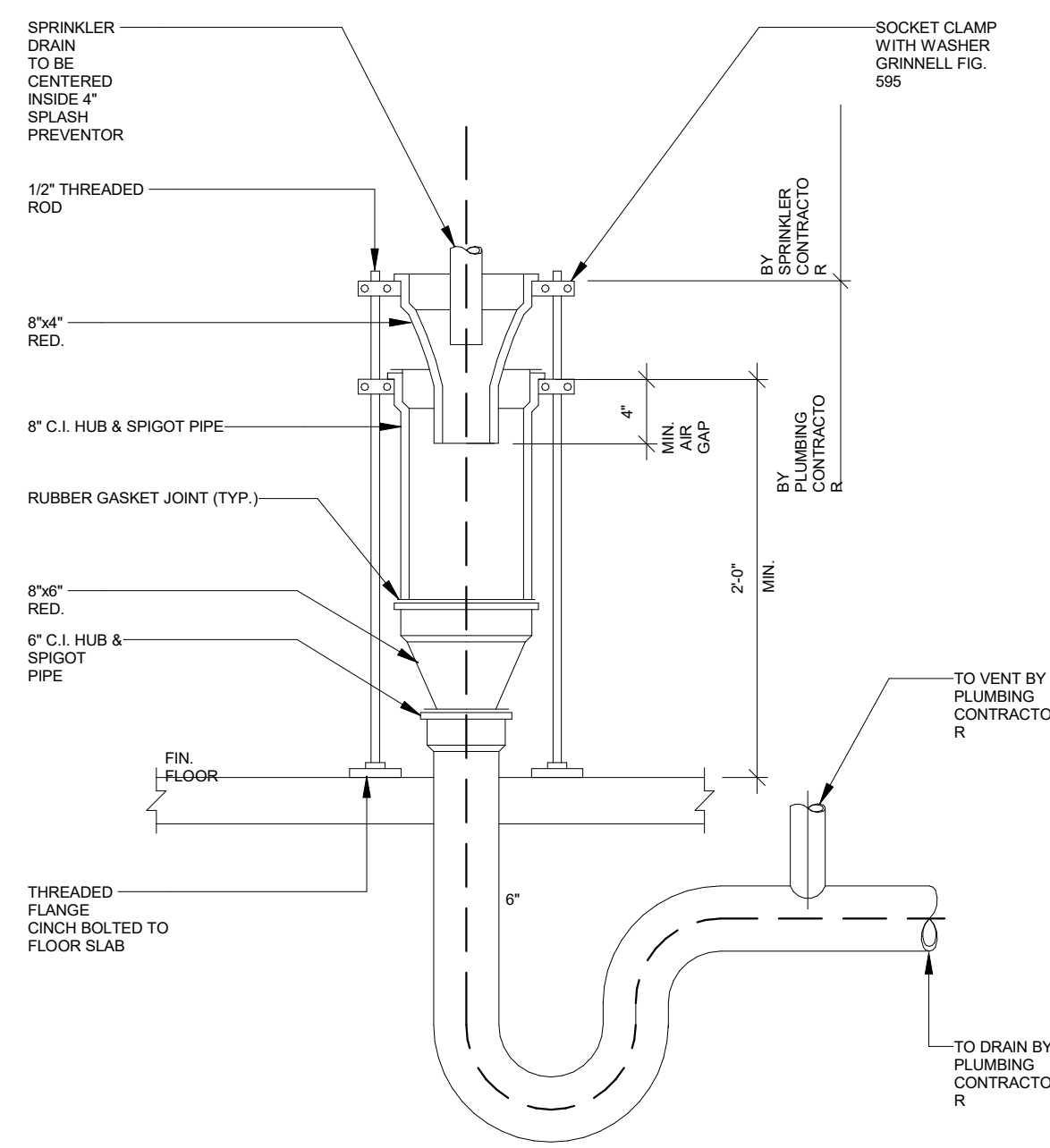
Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

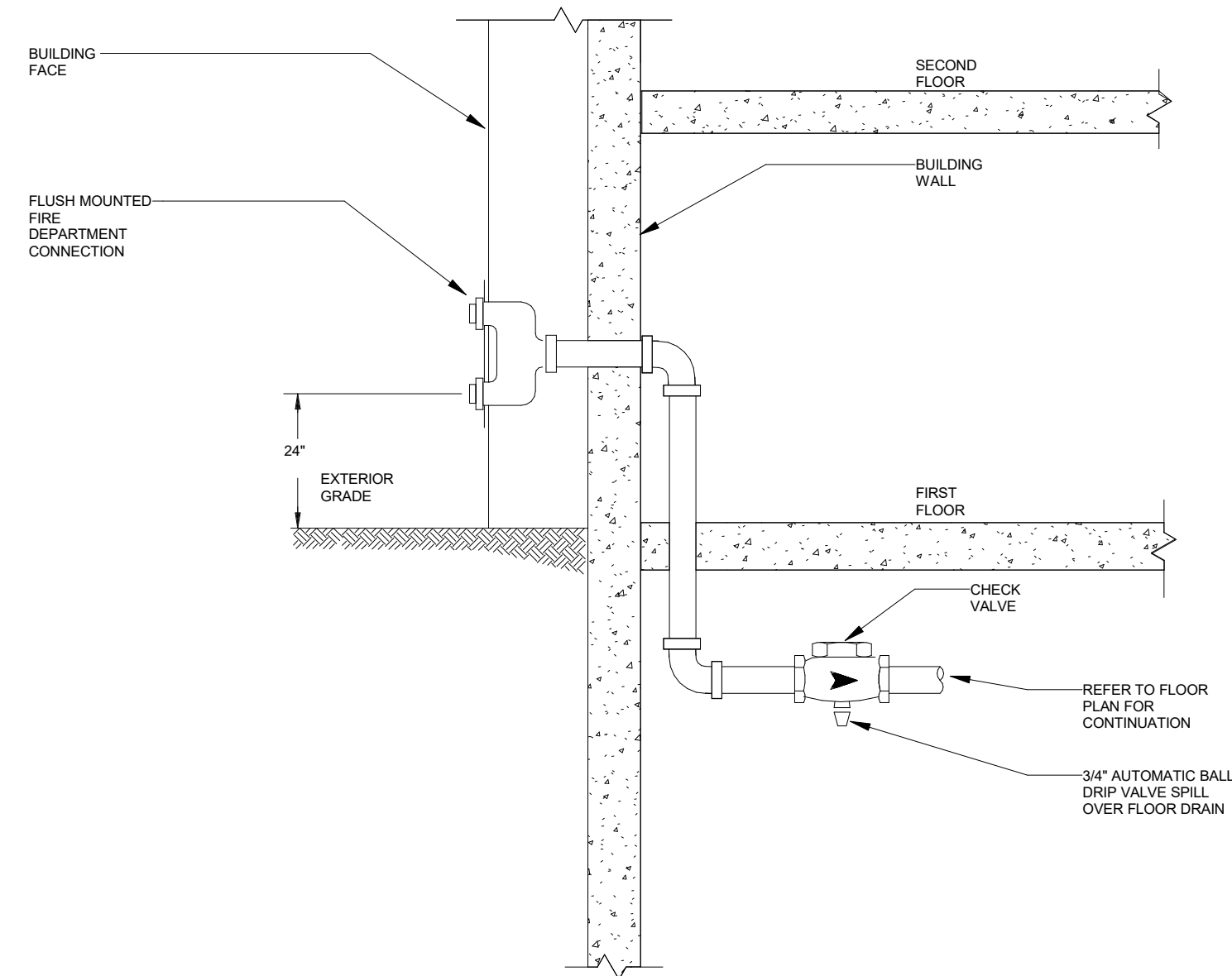
Seal

NOT FOR CONSTRUCTION
Drawing Title
Fire Protection Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	FP-A-501
Sheet Size	ARCH D



1 STANDPIPE DRAIN DETAIL
NOT TO SCALE



2 VERTICAL FLUSH MOUNTED FIRE DEPARTMENT (SIAMESE) CONNECTION
NOT TO SCALE

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title
Fire Protection
Details

Date 11/06/20

Scale Not to Scale

Drawing Number **FP-A-502**

Sheet Size ARCH D

FP - PUMP SCHEDULE

DESIGNATION	TYPE	LOCATION	FLOW RATE (GPM) PER PUMP	SPEED (RPM)	ELECTRICAL			MANUFACTURER	MODEL NUMBER	REMARKS
					POWER	VOLTAGE	PHASE			
JP-A-1-1	JOCKEY PUMP	LEVEL 1	5 GPM	3500	0.75 hp	208 V	3	FAIRBANKS	P/M1-5	
PA-A-1-1	PRE-ACTION SYSTEM	LEVEL 1						TYCO	DV-5	PROVIDE AIR COMPRESSOR
SBP-A-1-1	SPRINKLER BOOSTER PUMP	LEVEL 1	150 GPM	3500	10.00 hp	208 V	3	FAIRBANKS	NIJUIS	5,240 GALLON TANK EXTERNAL

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

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Drawing Title

Fire Protection Schedules

Date 11/06/20

Scale

Drawing
Number **FP-A-601**

Sheet Size ARCH D

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Key Plan

Description	Date
50% Design Development	02/24/20
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

**Storm King
 Art Center
 Administration
 Building**

Seal

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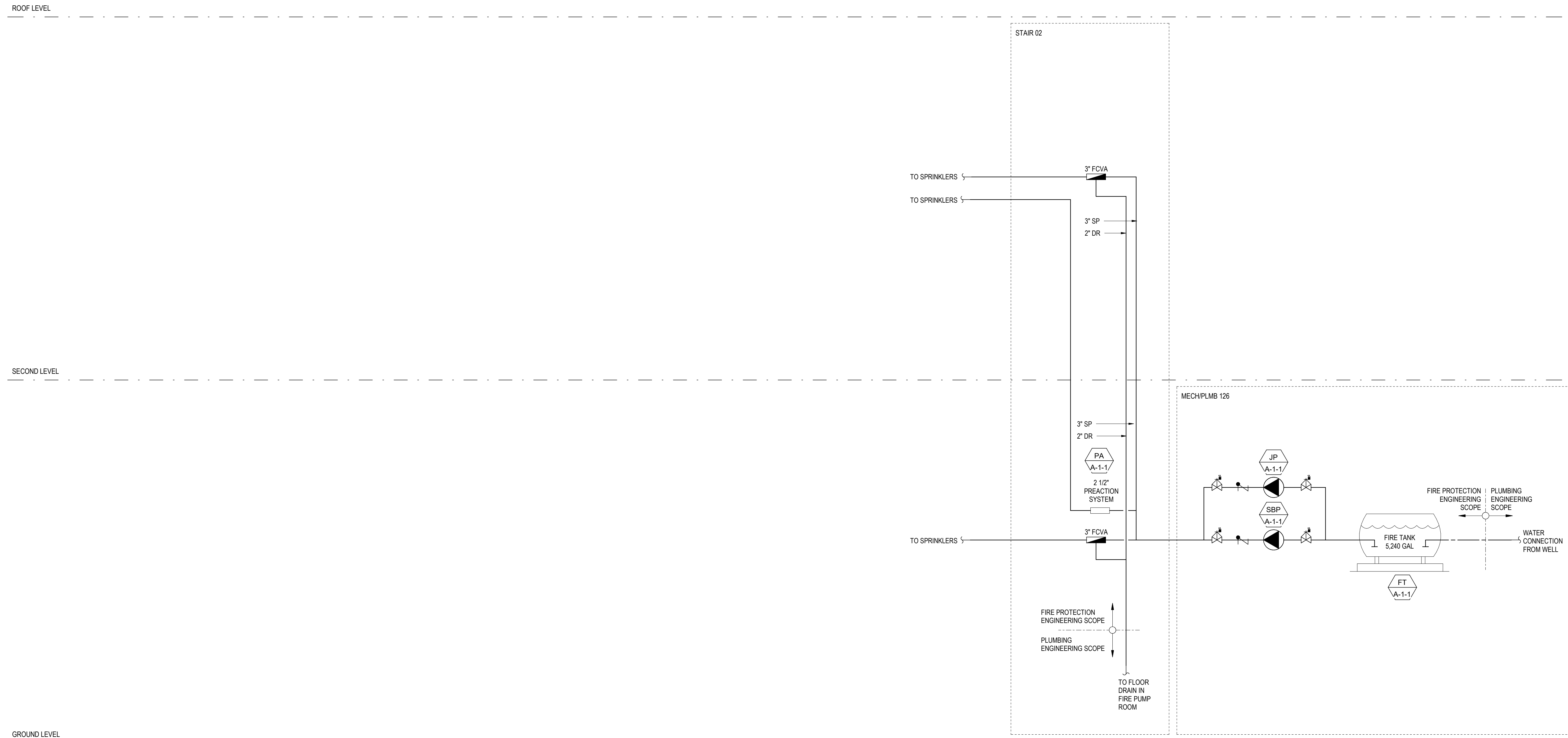
Drawing Title
Fire Protection Riser

Date 11/06/20

Scale Not to Scale

Drawing Number **FP-A-701**

Sheet Size ARCH D



ARCHITECTURAL NOTES

- 1 VERIFY SIZES, DIMENSIONS, AND LOCATIONS WITH ARCHITECTURAL AND INTERIORS DRAWINGS. WHERE CONFLICTS OCCUR, ARCHITECTURAL DRAWINGS TAKE PRECEDENCE.
- 2 WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, THE SCALE OF THIS DRAWING IS SUFFICIENTLY ACCURATE FOR DETERMINING THE LOCATIONS OF EQUIPMENT. WHERE EXACT DIMENSIONS ARE CALLED FOR, THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE INCLUDING ANY ACOUSTIC FINSHES
- 3 WHERE METAL OR PLASTIC LOUDSPEAKER GRILLES ARE SHOWN INSTALLED IN PAINTED CEILING OR WALL SURFACES, THE GENERAL CONTRACTOR SHALL PAINT THE GRILLES TO MATCH THE ADJACENT SURFACE PRIOR TO ASSEMBLY AND INSTALLATION.

ELECTRICAL NOTES

- 1 VERIFY SIZES, DIMENSIONS, AND LOCATIONS WITH THE ARCHITECTURAL AND INTERIOR DRAWINGS. WHERE CONFLICTS OCCUR, ARCHITECTURAL DRAWINGS TAKE PRECEDENCE.
- 2 ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL, LOCAL, AND OTHER APPLICABLE CODES.
- 3 ALL AUDIOVISUAL (AV) SYSTEM EQUIPMENT IS FOR REFERENCE ONLY. SUCH EQUIPMENT WILL BE PROVIDED AND INSTALLED BY THE AV INTEGRATOR, NOT THE ELECTRICAL CONTRACTOR. ALL OTHER CONSTRUCTION WORK ON THESE DRAWINGS IS BY THE GENERAL CONTRACTOR, IT CONTRACTOR, OR ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
- 4 WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, THE SCALE OF THIS DRAWING IS SUFFICIENTLY ACCURATE FOR DETERMINING LOCATIONS OF EQUIPMENT, JUNCTION BOXES, OUTLETS, RACEWAY, ETC. WHERE EXACT DIMENSIONS ARE CALLED FOR, THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE INCLUDING ANY ACOUSTIC TREATMENT.
- 5 WHERE POWER, COMMUNICATION, OR AV JUNCTION BOXES MUST COORDINATE WITH FIXED MILLWORK OR ARCHITECTURAL FEATURES, REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND DETAILS.
- 6 WHERE POWER, COMMUNICATION, AND AV JUNCTION BOXES ARE GROUPED TOGETHER AT THE SAME LOCATION AND ELEVATION, INSTALL AS CLOSE TOGETHER AS PHYSICALLY POSSIBLE WITH SUFFICIENT SEPARATION FOR INDIVIDUAL DEVICE COVER PLATES.
- 7 POWER SOCKET OUTLETS SHOWN ON THESE DRAWINGS ARE SHOWN FOR REFERENCE ONLY AND DEDICATED FOR USE WITH SPECIFIC AV EQUIPMENT. ADDITIONAL UTILITY SOCKET OUTLETS MAY BE INDICATED ON ARCHITECTURAL DRAWINGS OR REQUIRED BY CODE.
- 8 ALL AV SYSTEM POWER CIRCUITS SHALL BE PROTECTED BY 20AMP BREAKERS UNLESS OTHERWISE NOTED.
- 9 WHERE DUPLEX AND QUAD POWER SOCKET OUTLETS ARE SHOWN ON THESE DRAWINGS WITHOUT REFERENCE TO A SPECIFIC CIRCUIT, PANEL OR ISOLATED EARTH, THESE SOCKET OUTLETS MAY BE POWERED FROM STANDARD BUILDING POWER PANELS AND MAY BE COMBINED WITH OTHER CIRCUITS AND CONVENIENCE SOCKET OUTLETS AS CODES AND GOOD ENGINEERING PRACTICE ALLOW.
- 10 WHERE POWER CIRCUITS ARE SHOWN TERMINATING IN JUNCTION BOXES WITHOUT RECEPTACLES, THE WIRES SHALL BE TAPED AND THE BOXES COVERED; THESE WILL BE CONNECTED BY THE ELECTRICAL CONTRACTOR DURING THE INSTALLATION OF SPECIAL AV EQUIPMENT, TO BE COORDINATED WITH THE AV CONTRACTOR.
- 11 AV SYSTEM POWER CIRCUITS SHALL BE KEPT ISOLATED FROM LIGHTING DIMMERS, LARGE MOTORIZED EQUIPMENT, AND OTHER INDUCTIVE OR 'NOISY' ELECTRICAL LOADS.
- 12 EMPTY CONDUIT RUNS SHOWN ON THESE DRAWINGS SHOW ONLY INTERCONNECTIONS BETWEEN TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE COORDINATED ON SITE.
- 13 WHERE POSSIBLE, EMPTY CONDUIT RUNS FOR AV SIGNAL CIRCUITS SHALL BE KEPT 3' FROM PARALLEL POWER CIRCUITS IN RUNS UNDER 80', AND 6FT IN RUNS OVER 80'. AV WIRING, RACEWAYS, AND CONDUIT MUST NOT RUN PARALLEL TO POWER MAINS OF POTENTIAL IN EXCESS OF 600V.
- 14 ALL EMPTY CONDUIT SHALL BE 3/4" UNLESS OTHERWISE NOTED. ALL CONDUIT SHALL BE EMT, DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL STRINGS.
- 15 THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100' OF STRAIGHT EMPTY CONDUIT AND EXTRA PULL BOXES FOR EVERY TWO 90 DEGREE BENDS IN A CONDUIT RUN.
- 16 THE METHOD OF INSTALLATION OF BOXES AND THE PASSAGE OF CONDUIT THROUGH ACOUSTICALLY SENSITIVE WALLS SHALL BE COORDINATED WITH THE ACOUSTICAL CONSULTANT. ELECTRICAL JUNCTION BOXES RECESSED INTO ACOUSTICALLY SENSITIVE WALLS SHALL HAVE THEIR BACKS SEALED WITH AIRTIGHT ADHESIVE OUTLET PADS. JUNCTION BOXES PLACED BACK-TO-BACK ON ACOUSTICALLY SENSITIVE WALLS SHALL NOT SHARE THE SAME STUD CAVITY.

AUDIOVISUAL SHEET LIST

AV-A-001	Audiovisual General Notes
AV-A-002	Audiovisual Schedules
AV-A-101	Audiovisual Plan Ground Level
AV-A-102	Audiovisual Plan Second Level
AV-A-111	Audiovisual RCP Ground Level
AV-A-301	Audiovisual Enlarged Plans
AV-A-302	Audiovisual Enlarged Plans
AV-A-303	Audiovisual Enlarged Plans
AV-A-501	Audiovisual Details
AV-A-601	Audiovisual Functional Diagrams

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

Drawing Title

Audiovisual General Notes

Date	11/06/20
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Drawing Number	AV-A-001
Sheet Size	ARCH D

AUDIOVISUAL INFRASTRUCTURE SCHEDULE							
INFRASTRUCTURE MARK	DESCRIPTION	SPECIFICATION	MOUNTING HEIGHT	FLUSH/SURFACE	CONDUIT	POWER	DATA
C	BACK BOX FOR CAMERA	2-GANG	8' - 6"	FLUSH	(1) 1" to CB	N/A	N/A
CB	COLLECTOR BOX FOR AV EQUIPMENT RACK	NEMA TYPE 1 SIZE AS REQ'D	1' - 6"	FLUSH	N/A	(2) DUPLEX, 20A DEDICATED EACH	(4) PORTS
CP	BACK BOX FOR CONTROL PANEL	2-GANG	4' - 0"	FLUSH	(1) 1" to CB	N/A	N/A
FB-A	FLOOR BOX	FSR FL-500P	0' - 0"	FLUSH	(1) 1" to CB	(1) DUPLEX, 500W	(2) PORTS
FB-B	FLOOR BOX	FSR FL-500P	0' - 0"	FLUSH	(1) 1" TO LOCAL FB-B	(1) DUPLEX, 500W	(2) PORTS
FP-A	BACK BOX FOR FLAT PANEL DISPLAY	CHIEF PAC526F	5' - 0"	FLUSH	(1) 1" to CB	(1) DUPLEX, 500W	(2) PORTS
FP-B	BACK BOX FOR FLAT PANEL DISPLAY	CHIEF PAC526F	5' - 0"	FLUSH	N/A	(1) DUPLEX, 500W	(2) PORTS
IN	BACK BOX FOR LAPTOP INPUT	2-GANG	1' - 6"	FLUSH	(1) 1" to CB	(1) DUPLEX, 300W	(2) PORTS
S-1	BACK CAN FOR PENDANT LOUDSPEAKER	REFER TO AV SPECS	8' - 0"	FLUSH IN FINISHED CEILING	(1) 1" to CB	N/A	N/A
WM	BACK BOX FOR MIC ACCESS POINT	2-GANG	8' - 0"	FLUSH	(1) 1" to CB	N/A	N/A

AUDIOVISUAL EQUIPMENT SCHEDULE	
EQUIP MARK	DESCRIPTION
S-1	PENDANT LOUDSPEAKER, 6" DIA
AVR-45	AV EQUIPMENT RACK, FULL HEIGHT
FPD-55	FLAT PANEL DISPLAY, 65" DIAGONAL
FPD-65	FLAT PANEL DISPLAY, 65" DIAGONAL
FPD-98	FLAT PANEL DISPLAY, 98" DIAGONAL

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Seal

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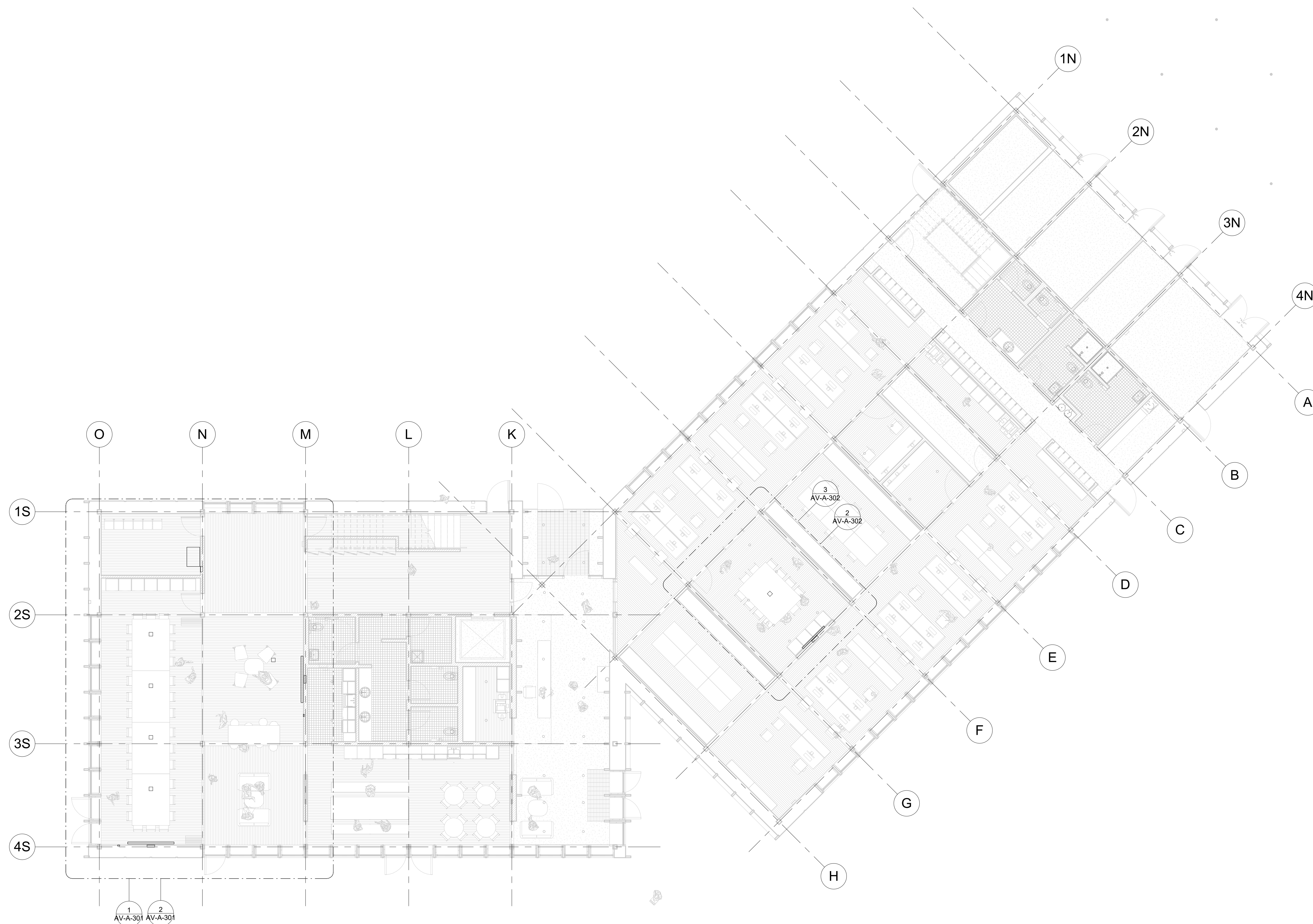
Drawing Title
Audiovisual
Schedules

Date 11/06/20

Scale Not to Scale

Drawing Number **AV-A-002**

Sheet Size ARCH D



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Key Plan

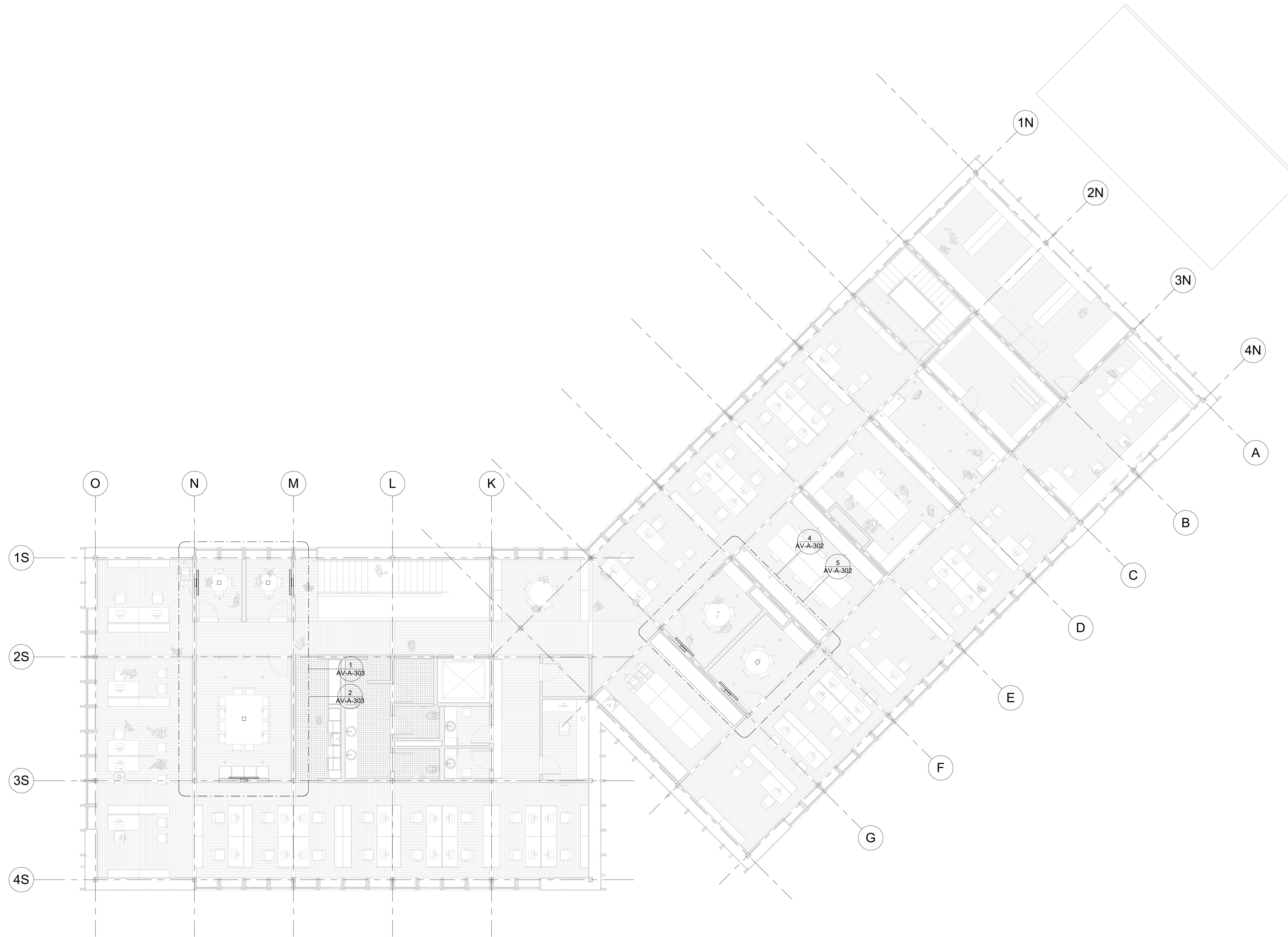
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
**Administration
 Building**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Audiovisual Plan
 Ground Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	AV-A-101
Sheet Size	ARCH D



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Key Plan

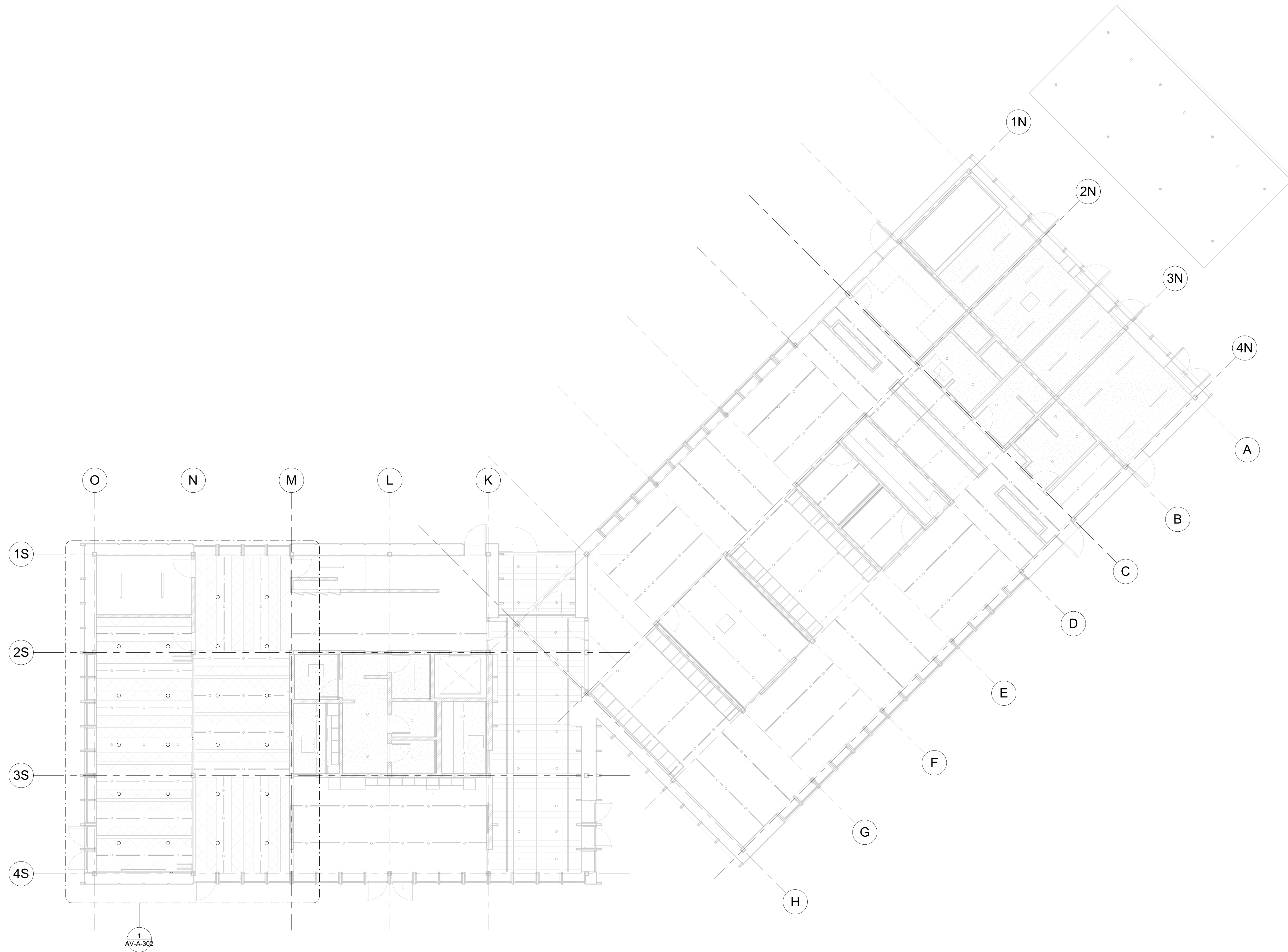
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
**Administration
 Building**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Audiovisual Plan
 Second Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	AV-A-102
Sheet Size	ARCH D



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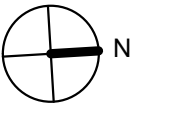
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Key Plan



Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

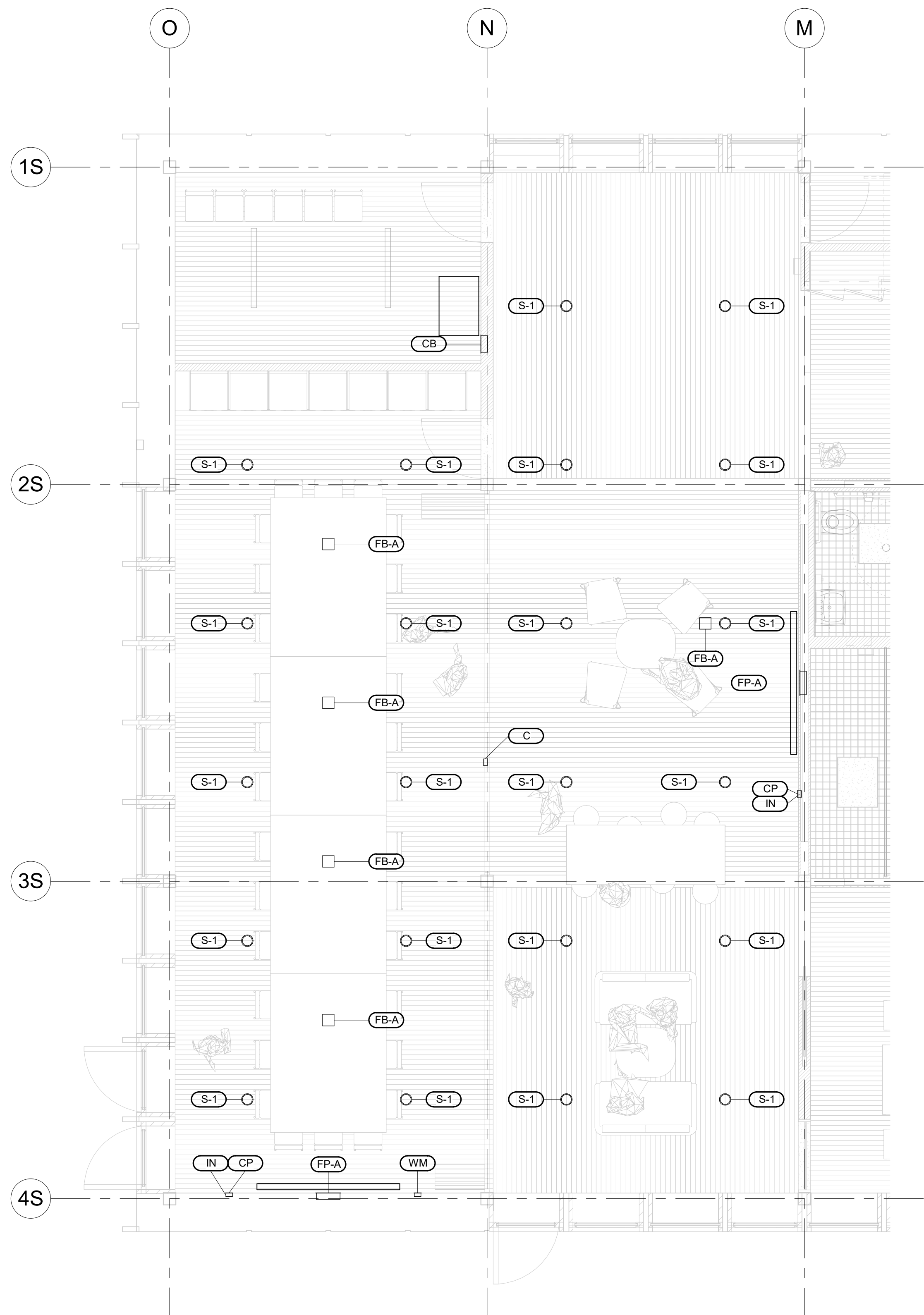
Storm King Art Center Administration Building

Seal

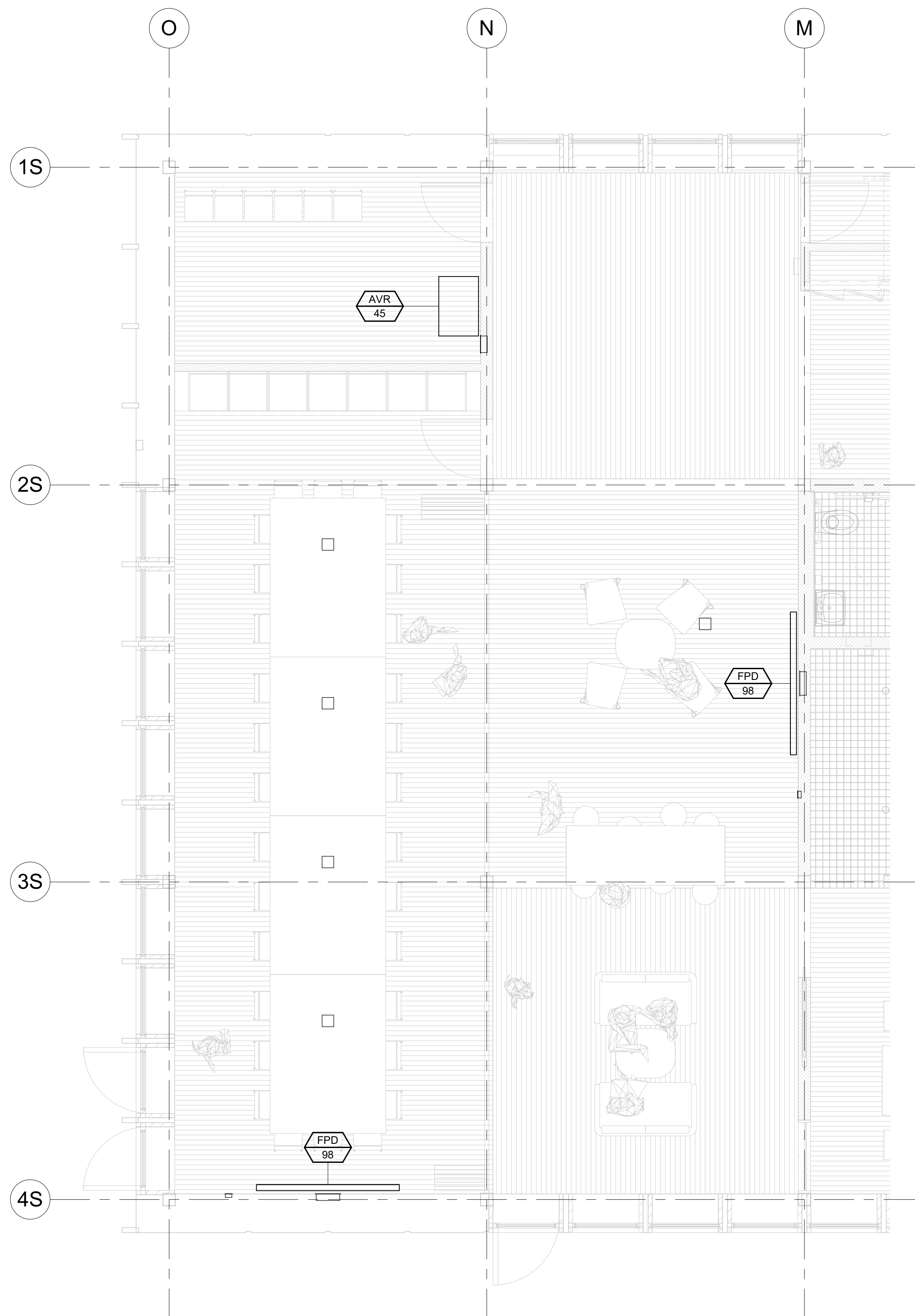
NOT FOR CONSTRUCTION

Drawing Title
 Audiovisual RCP
 Ground Level

Date	11/06/20
Scale	1/8" = 1'-0"
Drawing Number	AV-A-111
Sheet Size	ARCH D



AV ENLARGED INFRASTRUCTURE PLAN
 ① - 101, 103
 1/4" = 1'-0"



AV ENLARGED EQUIPMENT PLAN - 101
 ② - 103
 1/4" = 1'-0"

SYMBOL	DESCRIPTION
XX	AV INFRASTRUCTURE (BACKBOX) SYMBOL
YYY ###	AV EQUIPMENT SYMBOL

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Audiovisual Enlarged
 Plans

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	AV-A-301
Sheet Size	ARCH D

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Key Plan

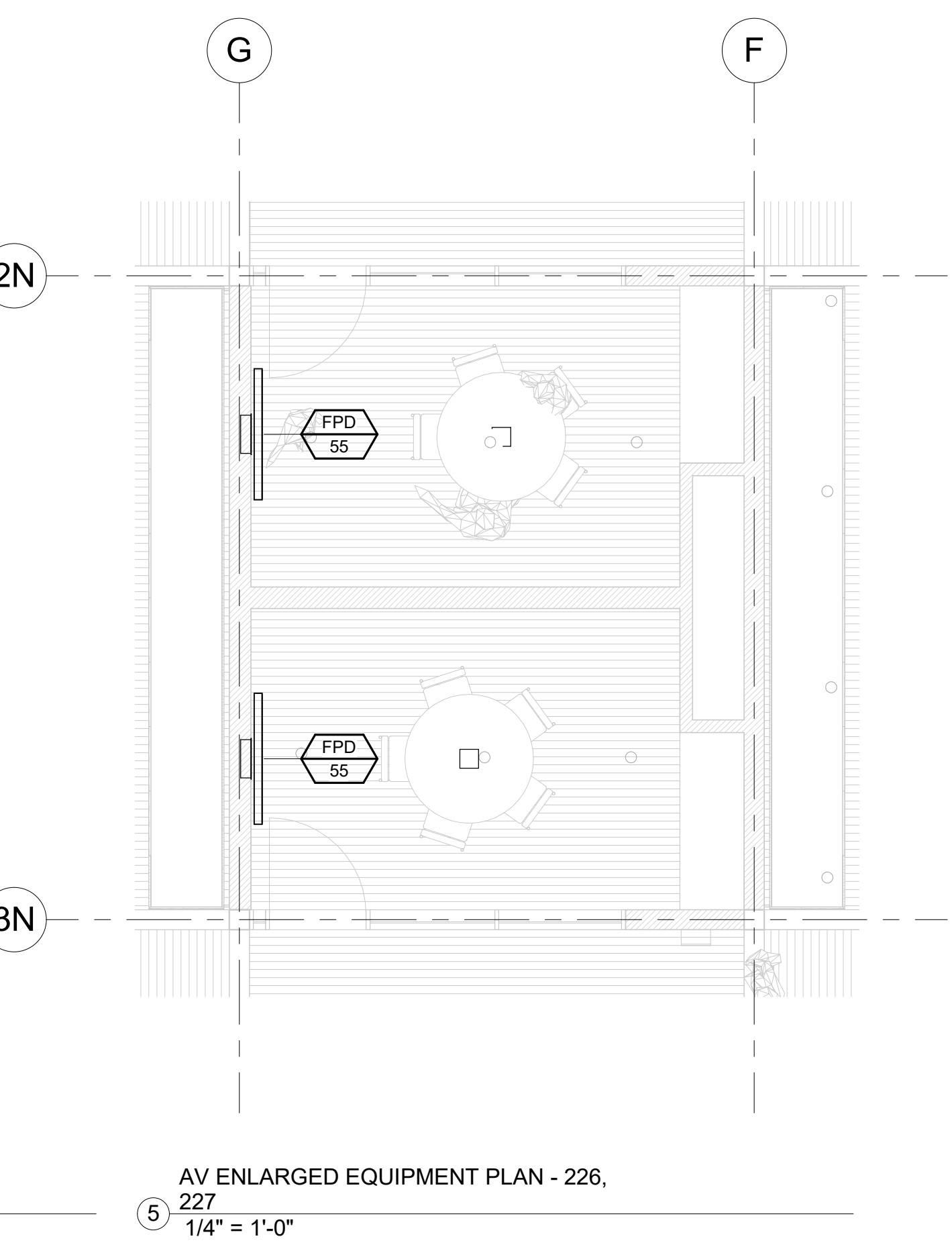
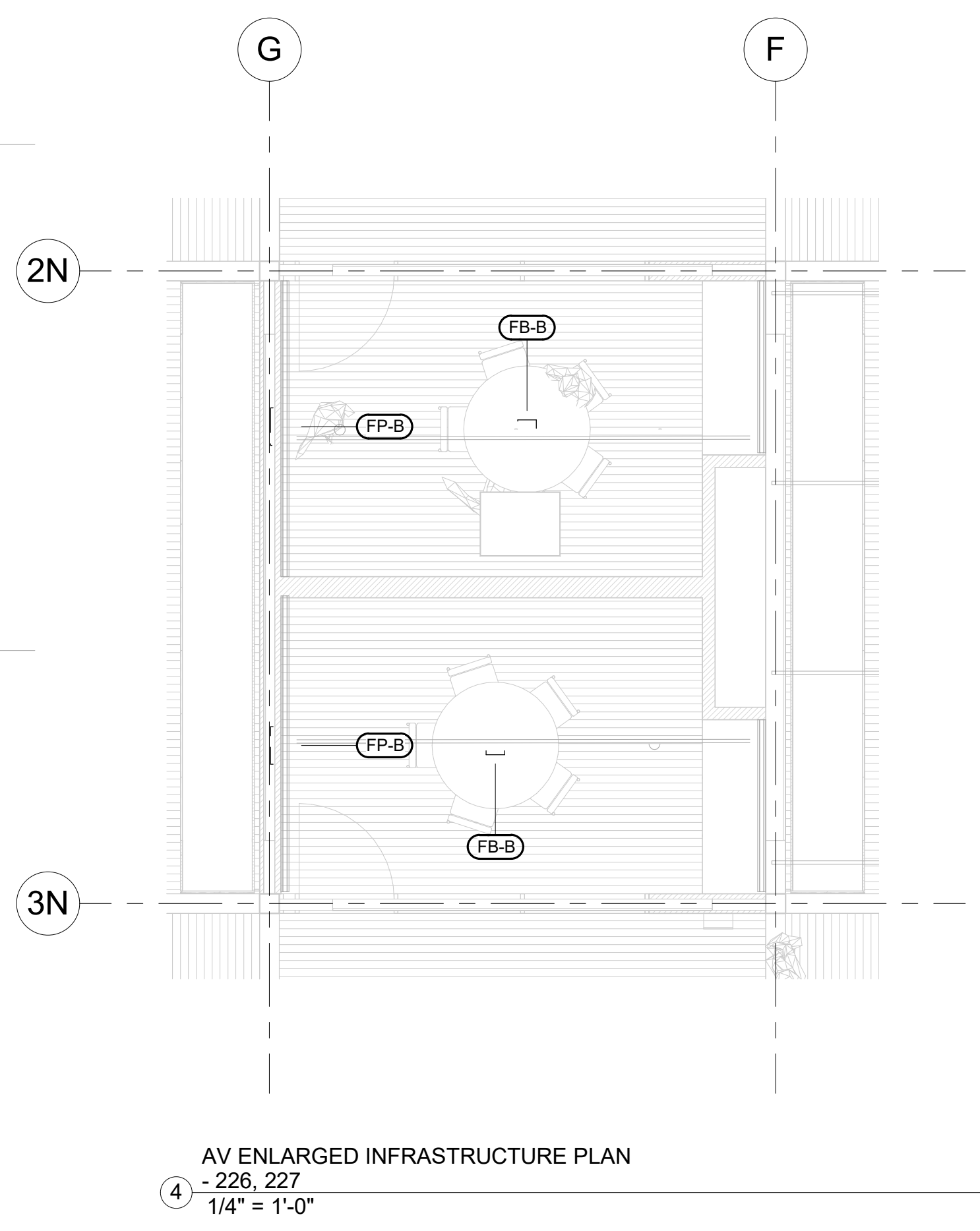
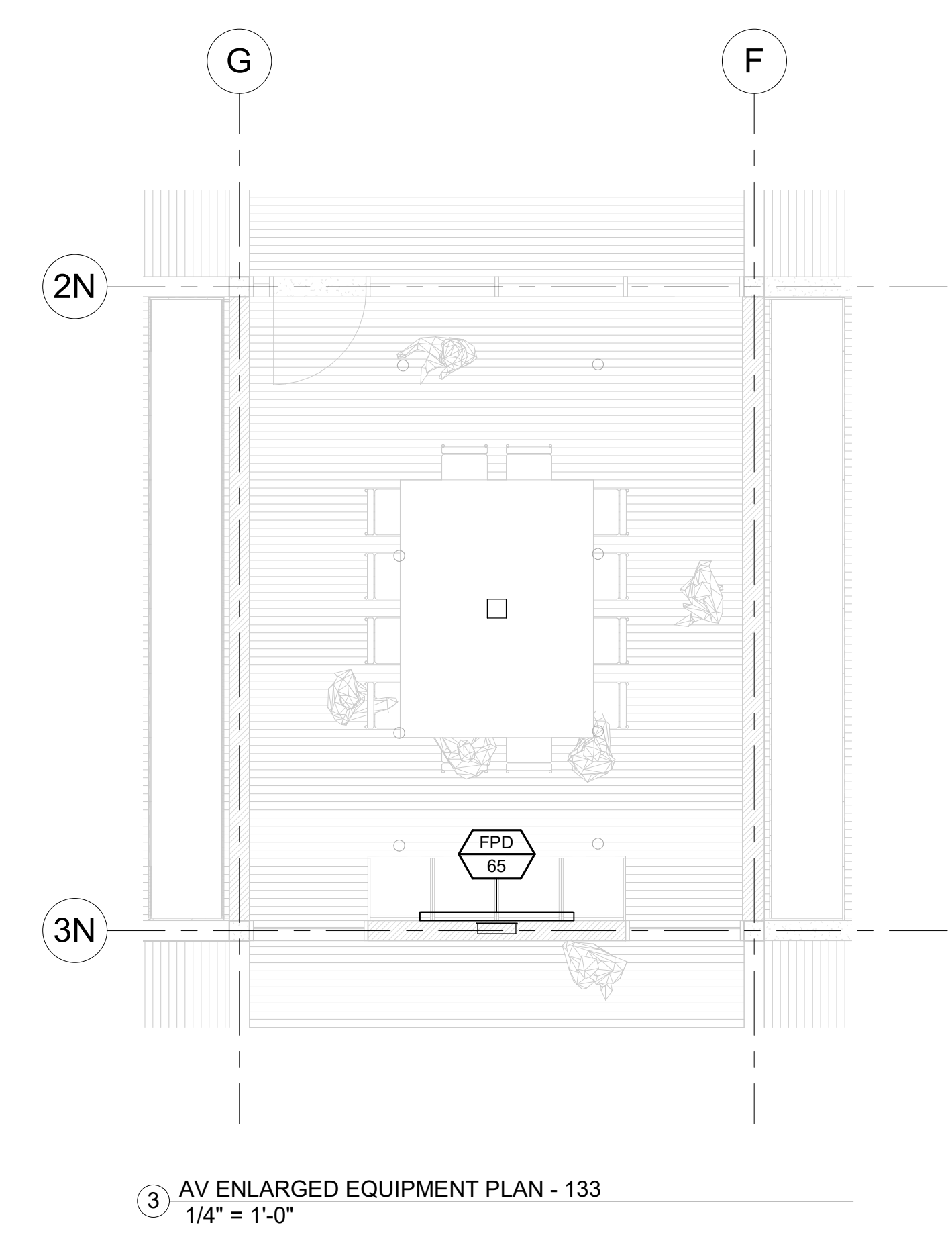
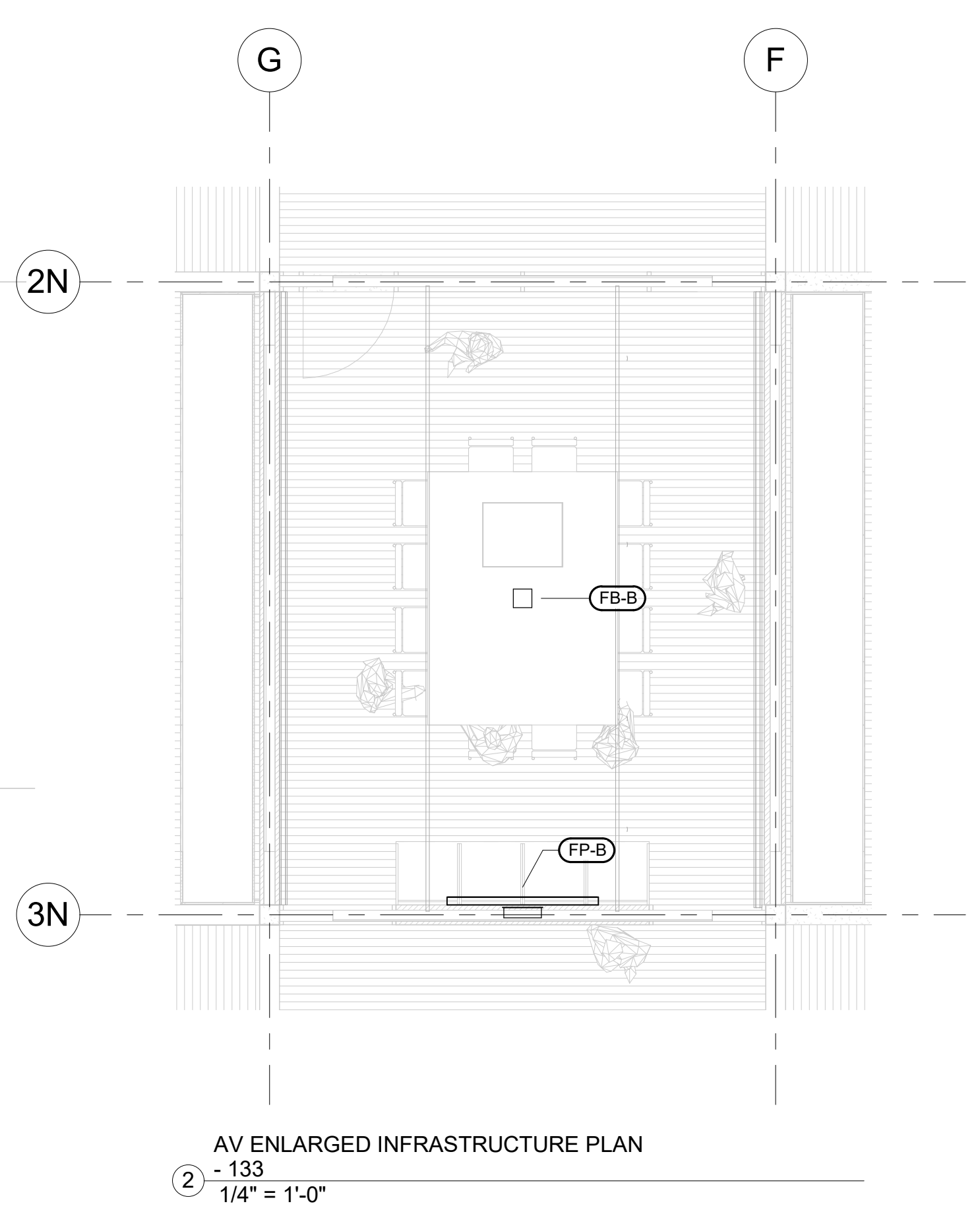
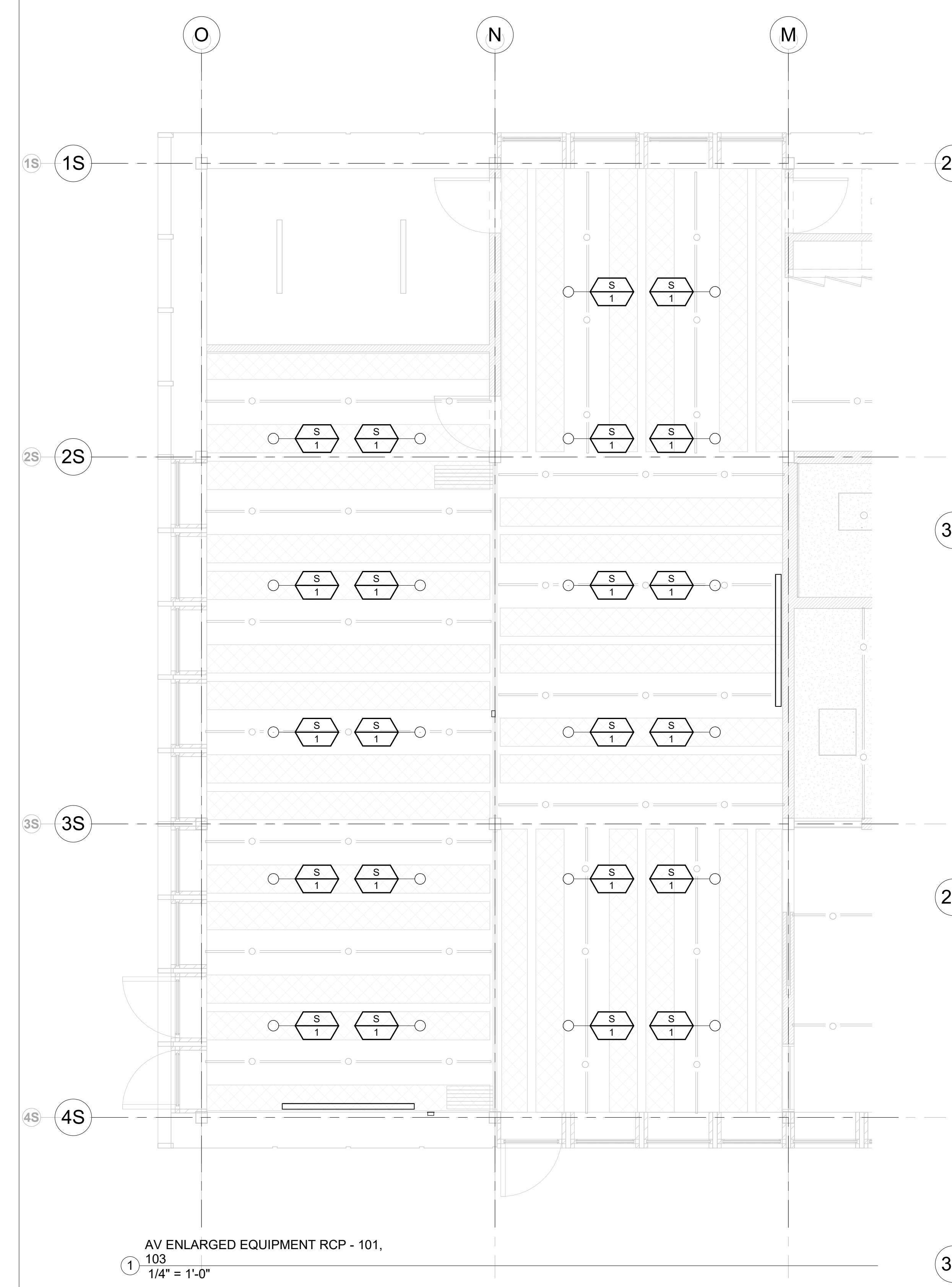
Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project
 Storm King
 Art Center
 Administration
 Building

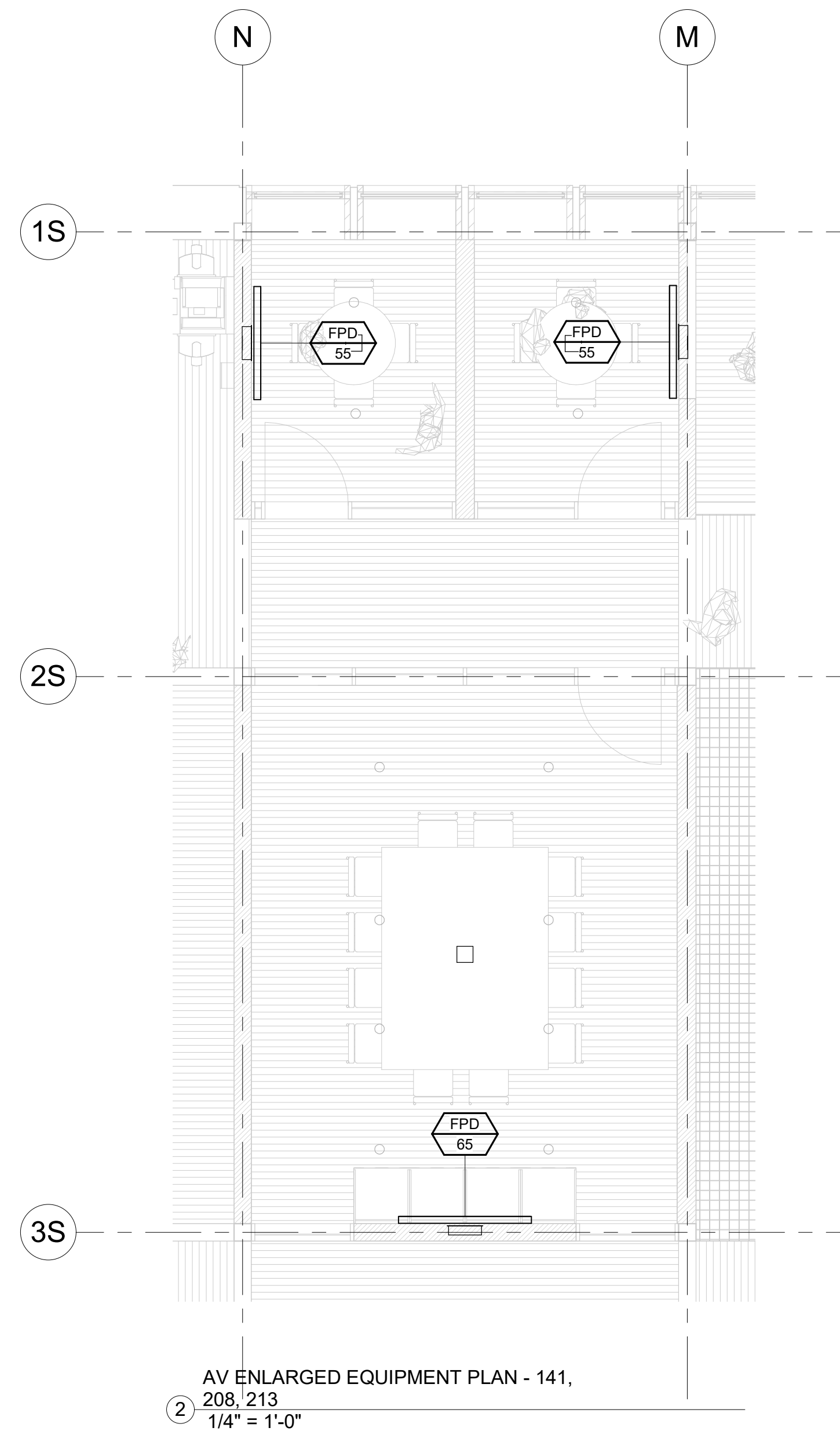
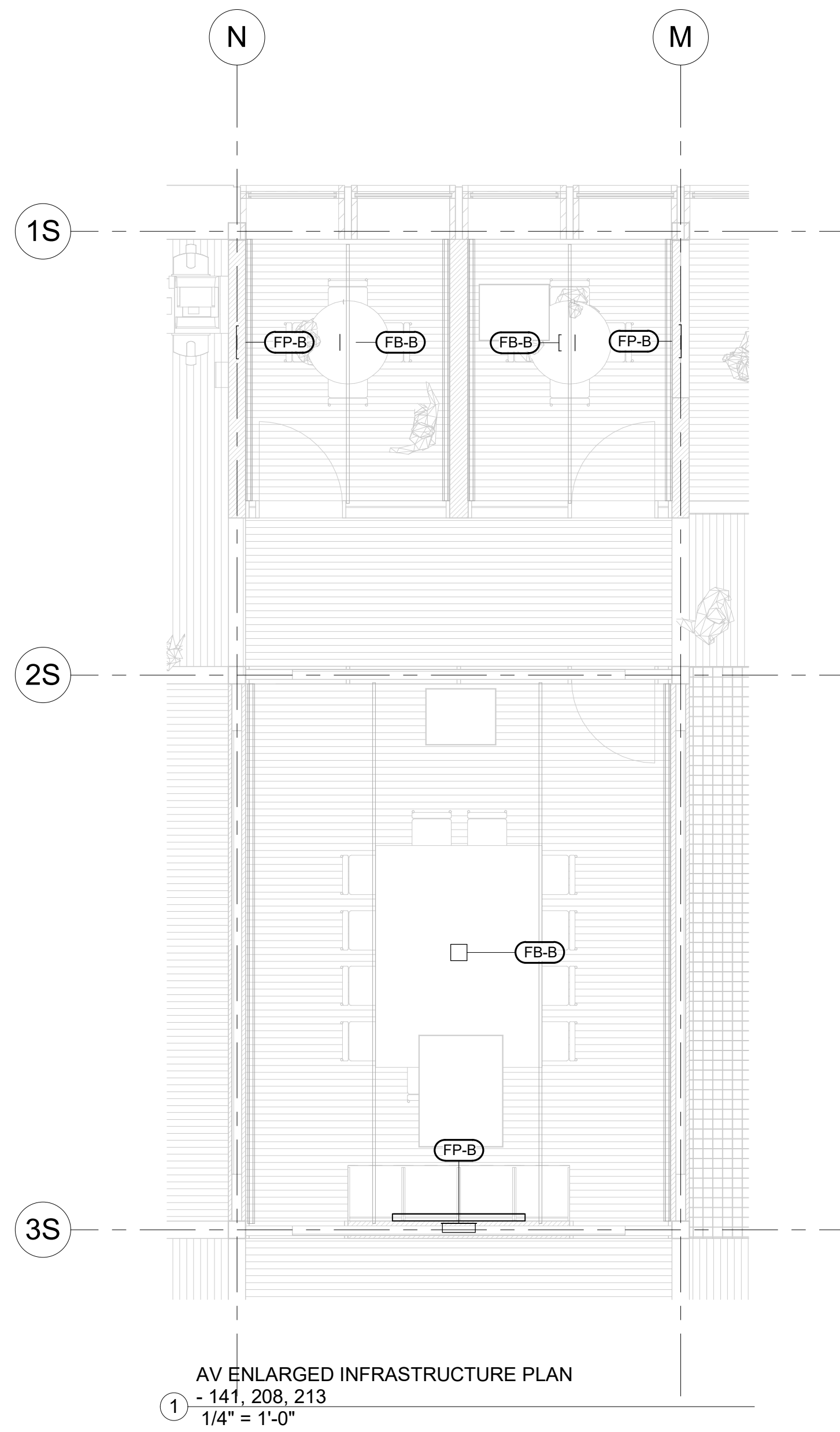
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NOT FOR CONSTRUCTION
 Drawing Title
 Audiovisual Enlarged
 Plans

Date	11/06/20
Scale	1/4" = 1'-0"
Drawing Number	AV-A-302
Sheet Size	ARCH D



SYMBOL	DESCRIPTION
XX	AV INFRASTRUCTURE (BACKBOX) SYMBOL
YYY ###	AV EQUIPMENT SYMBOL



SYMBOL	DESCRIPTION
	AV INFRASTRUCTURE (BACKBOX) SYMBOL
	AV EQUIPMENT SYMBOL

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Key Plan

Description	Date
100% Design Development	05/29/20
50% Construction Documents	11/06/20

Project

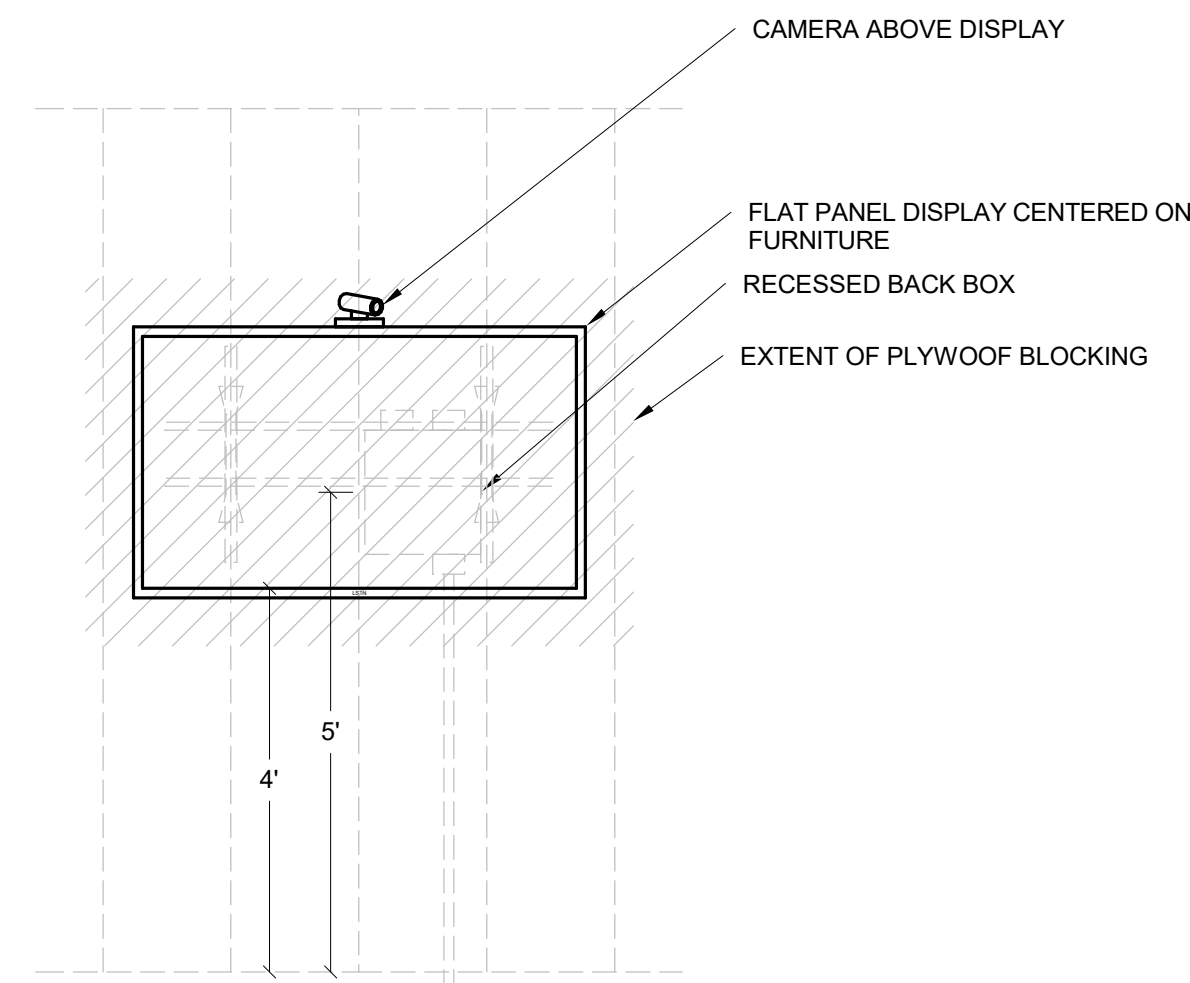
**Storm King
 Art Center
 Administration
 Building**

Seal

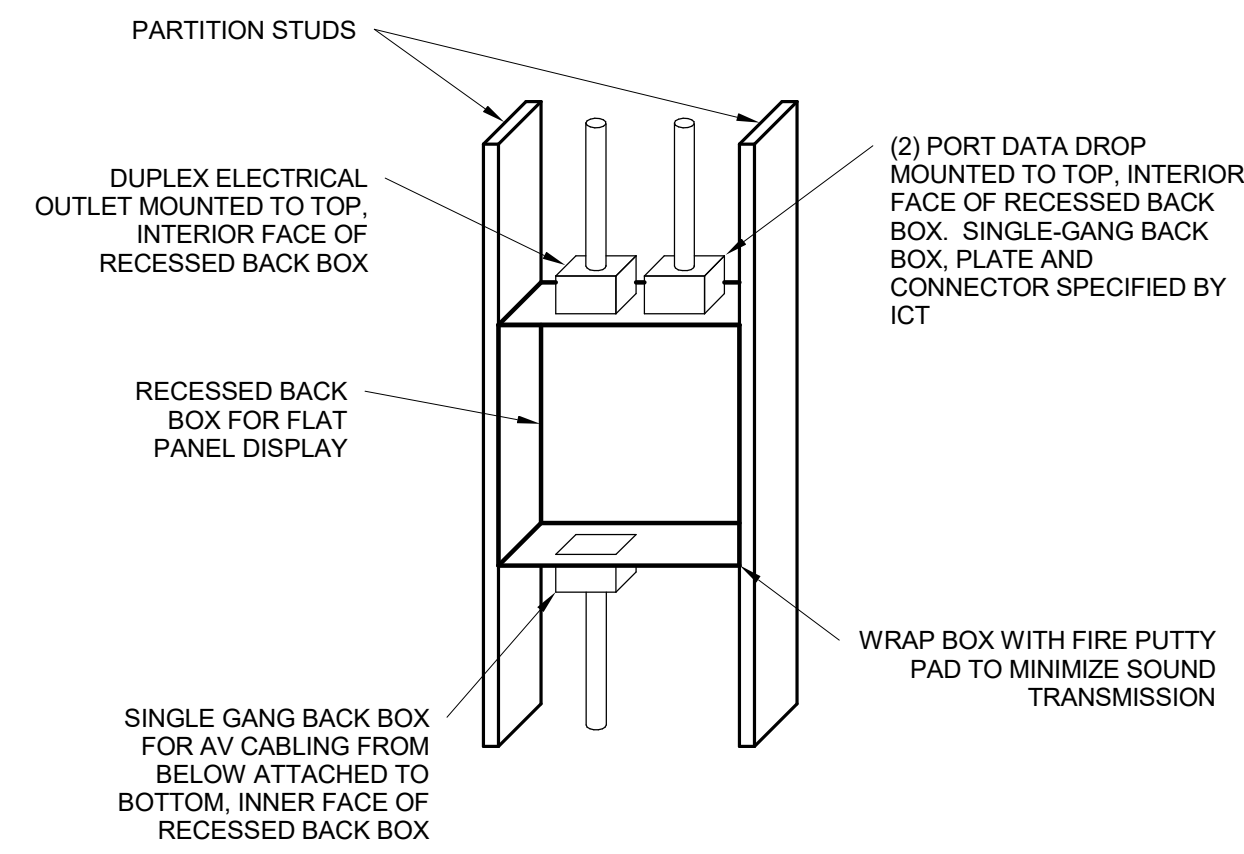
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**Drawing Title
 Audiovisual Enlarged
 Plans**

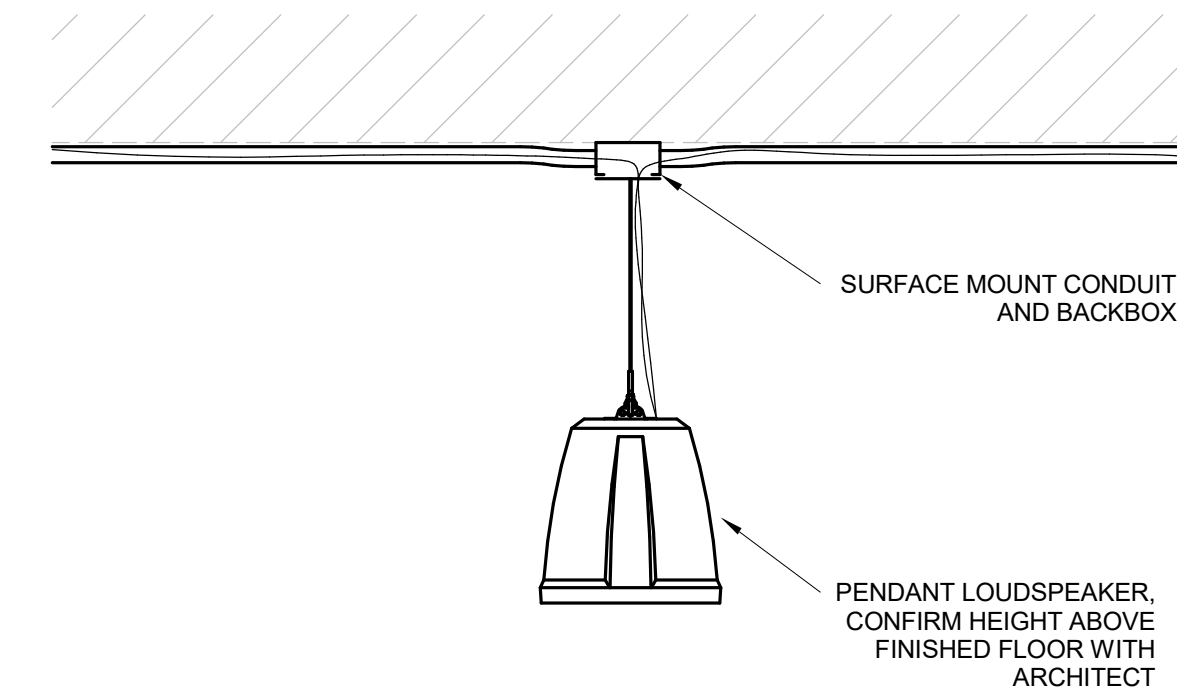
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Drawing Number	AV-A-303
Sheet Size	ARCH D



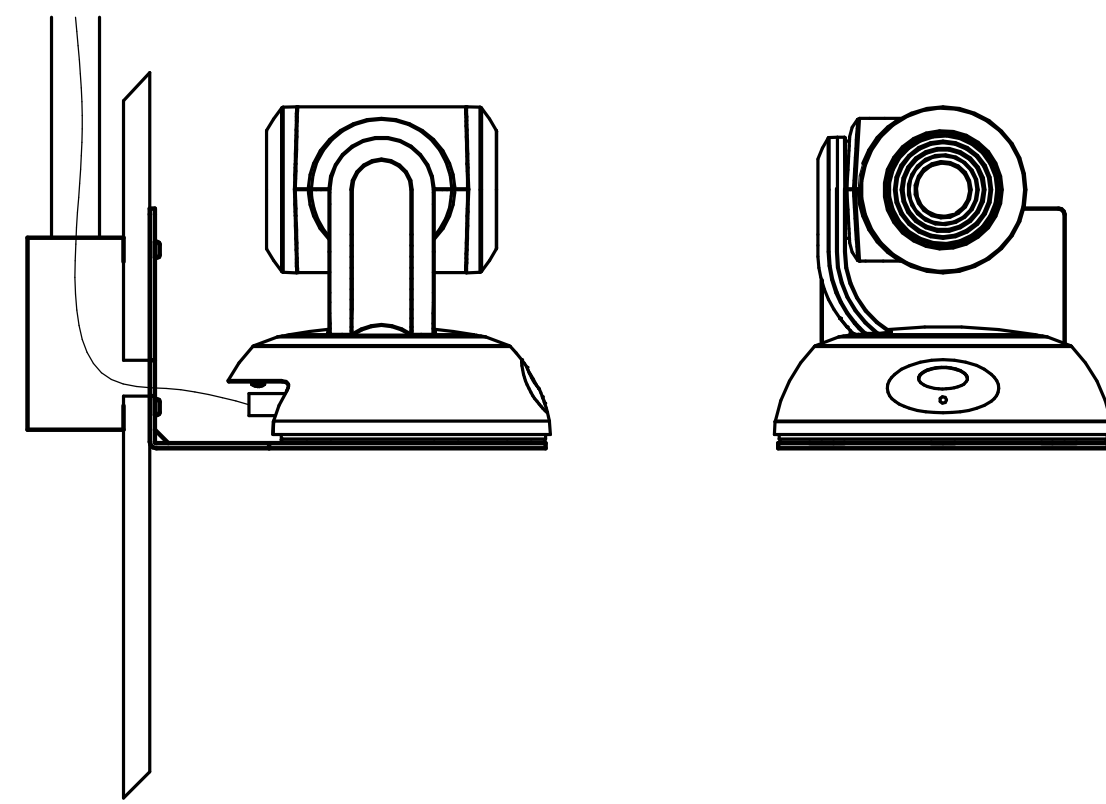
① TYPICAL FLAT PANEL DISPLAY ELEVATION
1/2" = 1'-0"



② TYPICAL FLAT PANEL DISPLAY BACK BOX
1" = 1'-0"



③ TYPICAL PENDANT LOUDSPEAKER
1" = 1'-0"



④ WALL MOUNT PTZ CAMERA
3" = 1'-0"

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project

Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION

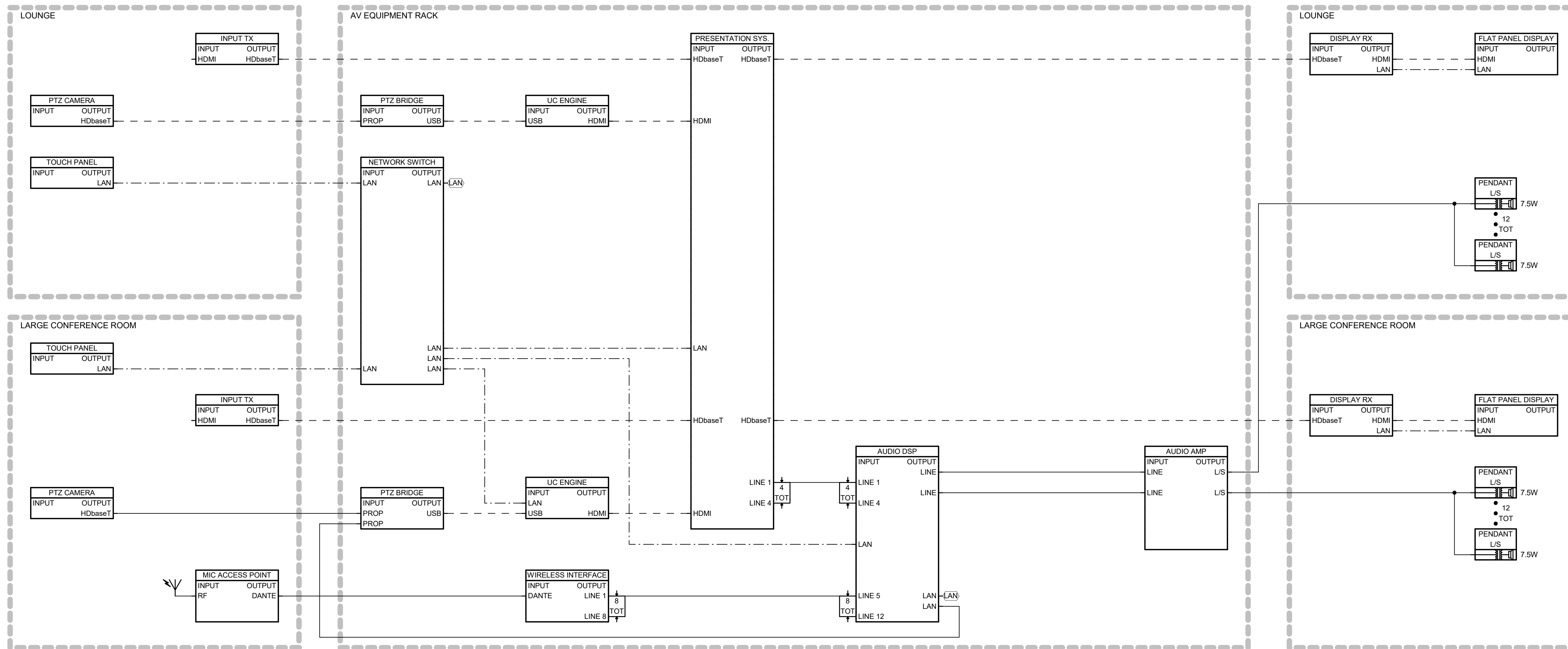
Drawing Title
Audiovisual Details

Date 11/06/20

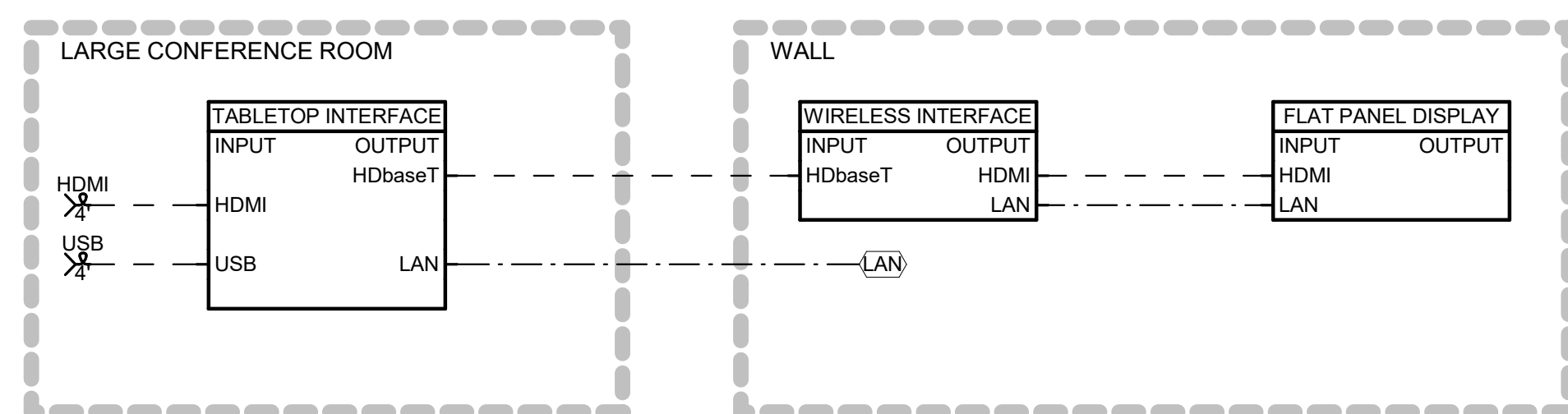
Scale As indicated

Drawing Number AV-A-501

Sheet Size ARCH D



① LOUNGE/LARGE MEETING FUNCTIONAL
12" = 1'-0"



② SMALL/MEDIUM MEETING (TYP)
12" = 1'-0"

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Key Plan

Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Audiovisual
Functional Diagrams**

Date	11/06/20
Scale	Not to Scale
Drawing Number	AV-A-601
Sheet Size	ARCH D

GENERAL NOTES

- PROVIDE ELECTRICAL METALLIC TUBING (EMT) SLEEVES WITH INSULATED BUSHINGS ON EACH END FOR ALL CABLES PASSING THROUGH WALLS AND FLOORS. ALL PENETRATIONS SHALL BE FIRESTOPPED BY ELECTRICAL CONTRACTOR. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE FIRESTOPPED. SEAL AROUND OUTSIDE OF CONDUITS AND SEAL INSIDE OF CONDUIT SLEEVES AS REGISTERED BY APPLICABLE CODES AND STANDARDS. APPLY SEALS AFTER WIRE/CABLE INSTALLATION.
- DO NOT ROUTE CONDUITS CONCEALED IN ABOVE GRADE SLABS. CONDUITS SHALL BE ROUTED EXPOSED AND SECURED TO THE SLAB AND STUBBED THROUGH TO THE EQUIPMENT BEING SERVED.
- CONDUIT AND BOX LABELS SHALL BE HEAVY-DUTY PRE-PRINTED LAMINATED LABELS SUITABLE FOR THE ENVIRONMENT THE LABEL WILL RESIDE WITHIN. HAND-WRITTEN LABELS SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL INSTALL AND MOUNT ALL EQUIPMENT CABINETS AND RACKS PER MANUFACTURERS AND SEISMIC REQUIREMENTS.
- ALL EXPOSED CONDUIT, BOXES, SUPPORTING HARDWARE, ETC. LOCATED IN FINISHED AREAS SHALL BE PAINTED TO MATCH. COORDINATE FINISH WITH ARCHITECT.
- PROVIDE ACCESS PANEL IN CONCEALED CEILINGS FOR ACCESS TO ELECTRICAL MATERIAL AND EQUIPMENT. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT AND OTHER TRADES PRIOR TO INSTALLATION.
- REFER TO T-SERIES SHEETS FOR OUTLET BOX LOCATIONS. REFER TO S-SERIES DRAWINGS FOR CCTV CAMERA LOCATIONS THAT REQUIRE STRUCTURED CABLING INFRASTRUCTURE.
- ALL LOW VOLTAGE OUTLETS SHALL BE COORDINATED WITH ARCHITECT.
- COORDINATE CONDUIT LOCATIONS (VERTICALLY & HORIZONTALLY) OUTSIDE THE TELECOM ROOM WITH CABLE TRAY/LADDER RACK LOCATIONS INSIDE THE TELECOM ROOM.
- ELECTRICAL SCOPE: CONTRACTOR SHALL FURNISH AND INSTALL CONDUITS/RISER, CABLE TRAYS, JUNCTION BOXES, AND OUTLET BOXES.
- TELECOM SCOPE: CONTRACTOR SHALL FURNISH AND INSTALL STRUCTURED CABLES, JACKS, RACKS, EQUIPMENT, CABINETS, TERMINATION AND TESTING PER EIA STANDARDS. PROVIDE 20' SLACK AT WIRELESS ACCESS POINT TO RELOCATE FINAL LOCATION BASED ON SITE CONDITIONS.

GENERAL SYMBOLS

SYMBOL	DESCRIPTION
	KEYNOTE IDENTIFIER X - KEYNOTE NUMBER
	REVISION CHANGE X - DELTA NUMBER
	DETAIL/ENLARGED PLAN CALLOUT X - DETAIL/REFERENCE # TXXX - SHEET #
	SECTION IDENTIFIER X - SECTION # TXXX - SHEET #

TELECOMMUNICATIONS ABBREVIATIONS

A	ACCESS CONTROL SYSTEM USE	LS	LOUDSPEAKER
AC	ALTERNATING CURRENT	LTG	LIGHTING
AF	ABOVE FINISHED FLOOR	MA	MILLIAMPS
AFG	ABOVE FINISHED GRADE	MAX	MAXIMUM
AIR COND	AIR CONDITIONING	MDF	MAIN DISTRIBUTION FRAME
ARCH	ARCHITECTURAL	MECH	MECHANICAL/ELECTRICAL/PLUMBING
AV	AUDIOVISUAL	MIC	MICROPHONE
AVG	AVERAGE	MIN	MINIMUM
AWG	AMERICAN WIRE GAUGE	MISC	MISCELLANEOUS
BL	BLANK	MTD	MOUNTED
BLDG.	BUILDING	NA	NOT APPLICABLE
B.O.	BY OTHERS	NEC	NATIONAL ELECTRICAL CODE
C	CENTER LINE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CATV	CABLE TELEVISION	NO	NUMBER
CCTV	CLOSED CIRCUIT TELEVISION	NTS	NOT TO SCALE
CKT	CIRCUIT	OD	OUTSIDE DIAMETER
CLG	CEILING	PB	PULL BOX
CLOS	CLOSET	PBX	PRIVATE BRANCH EXCHANGE
CM	CIRCUIT MIL	PCU	POWER CONDITIONING UNIT
COAX	COAXIAL CABLE	PDU	POWER DISTRIBUTION UNIT
COL	COLUMN	PG	PAGING
CONC	CONCRETE	PH	PHASE
COND	CONDUIT	PLB	PLUMBING
CONST	CONSTRUCTION	PNL	PANEL
CONT	CONTINUOUS	PSU	POWER SUPPLY UNIT
CONV	CONVENIENCE	PWR	POWER
DC	DIRECT CURRENT	RDP	RESIDENTIAL DISTRIBUTION PANEL
DIA	DIAMETER	RCP	REFLECTED CEILING PLAN
DN	DOWN	REC	RECEPTACLE
DTL	DETAIL	REQ	REQUIRED
DSS	DISH SATELLITE SYSTEM	RMS	RACK MOUNTED SPACES
DWG	DRAWING	S	SECURITY
EA	EACH	SEC	SECURITY
EMT	ELECTRO MECHANICAL TUBING	SEP	SEPARATE
E.C.	ELECTRICAL CONTRACTOR	SPECS	SPECIFICATIONS
EIA/ITA	ELECTRONIC INDUSTRIES ASSOCIATION	SPKLR	SPEAKER
EL	ELEVATION	SPKR	SPEAKER
ELEC	ELECTRIC	STA	STATION
ELEV	ELEVATOR	STD	STANDARD
EM	EMERGENCY USE DESIGNATION	STP	SHIELDING TWISTED PAIR
EQ	EQUAL	SURF	SURFACE
EQUIP	EQUIPMENT	SYM	SYMMETRICAL
EXIST	EXISTING	TBD	TO BE DETERMINED
F	FLOOR	TEL	TELEPHONE
FA	FIRE ALARM	TERM	TERMINATION
F&I	FURNISH & INSTALL	TELCO	TELEPHONE COMPANY
FIN	FINISH	TV	TELEVISION
F.O.	FIBER OPTIC	TYP	TYPICAL
FT	FEET	UFD	UNDER FLOOR DUCT
GA	GAUGE	UN	UNLESS OTHERWISE NOTED
G.C.	GENERAL CONTRACTOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
GD	GROUND	UTP	UNSHIELDED TWISTED PAIR
HGT	HEIGHT	V	VOLTS
HOR	HORIZONTAL	VA	VOLT-AMPERES
HVAC	HEATING DISTRIBUTION FRAME	VENT	VENTILATING
IOIP	INTERCOM OVER INTERNET PROTOCOL (IP)	VERT	VERTICAL
IDF	INTERMEDIATE DISTRIBUTION FRAME	VIF	VERIFY IN FIELD
IN	INCHES	W	WATTS
INT	INTERCOM	W/	WITH
ISP	INTERNET SERVICE PROVIDER	W/O	WITHOUT
JBOX	JUNCTION BOX	WKSTA	WORKSTATION

ELECTRICAL NOTES FOR TELECOM

- ALL ELECTRICAL RECEPTACLES, GROUND BARS, CONDUITS, FLOOR BOXES, RACEWAYS, STEEL STRUT, AND SLEEVES ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS OUTLINED BELOW.
- PULL-BOXES FOR COMMUNICATIONS SYSTEMS SHALL BE PROVIDED WHERE THE COMBINED SUM OF THE BENDS EXCEEDS 180 DEGREES.
- THE BEND RADIUS FOR COMMUNICATIONS CONDUITS SHALL BE 10 TIMES THE INSIDE DIAMETER OF THE CONDUITS. FOR CONDUITS GREATER THAN 2" IN DIAMETER.
- CONDUIT RUNS FOR COMMUNICATIONS CABLING SHALL NOT EXCEED 90 FEET WITHOUT A PULL-BOX.
- JUNCTION BOXES FOR COMMUNICATIONS CABLING SHALL HAVE TAMPER-PROOF SCREWS.
- INCLUDE ALL REQUIRED JUNCTION AND PULL-BOXES REGARDLESS OF QUANTITIES INDICATED ON THE DRAWINGS.
- ALL EMPTY CONDUITS ARE TO BE PROVIDED WITH A MINIMUM OF (2) NYLON DRAG LINES OR PULL STRINGS, AND FITTED WITH BUSHED ENDS.
- PROVIDE PULL-BOXES ON ALL VERTICAL RISER CONDUIT RUNS REGARDLESS OF THE DRAWING INTERVALS, NO GREATER THAN 50FT. PULL-BOX AND JUNCTION-BOX SIZES ARE SHOWN FOR COORDINATION PURPOSES ONLY. ELECTRICAL CONTRACTOR TO SIZE PULL-BOXES AND JUNCTION-BOXES IN ACCORDANCE WITH FIELD CONDITIONS, AND EQUIPMENT STANDARDS.
- ALL CABLE TRAY, LADDER RACKS, AND STEEL STRUTS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- REGARDLESS OF THEIR REPRESENTATION ON THE FLOOR PLANS, SLEEVES (EYPATH OR EQUIV.) SHALL BE PROVIDED AT ALL LOCATIONS WHERE CABLE PASSES THROUGH FIRE-RATED WALLS OR FLOORS. EXACT LOCATIONS SHALL BE COORDINATED BETWEEN THE COMMUNICATIONS CABLING CONTRACTOR AND THE ELECTRICAL CONTRACTOR. OPENING SIZES SHALL BE NO LESS THAN 1.5 TIMES THE CABLE CROSS SECTION PASSING THROUGH THE OPENING.
- ELECTRICAL CONTRACTOR TO COORDINATE CABLE TRAY, LADDER RACKS, AND/OR STEEL STRUT SUPPORT SYSTEM LOCATIONS WITH COMMUNICATIONS CABLING CONTRACTOR.
- COORDINATE CONDUIT LOCATIONS (VERTICALLY & HORIZONTALLY) OUTSIDE THE TELECOM ROOM WITH CABLE TRAY/LADDER RACK LOCATIONS INSIDE THE TELECOM ROOM.
- DEDICATED ELECTRICAL CIRCUITS SHALL BE PROVIDED FOR EACH COMMUNICATIONS CABLING OR RACK AS NOTED ON THE TELECOM ROOM DRAWING.
- ALL VOICE/DATA INFORMATION OUTLET BOXES SHALL BE 4 11/16" x 4 11/16" x 2 1/8" DEEP W/ 1/2" DEEP SINGLE GANG ADJUSTABLE MUD RING AND 1-1/4" CONDUIT TO NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED.
- CONDUITS USED TO FEED COMMUNICATIONS WORKSTATIONS IN INACCESSIBLE CEILING AREAS SHALL BE EXTENDED TO NEAREST ACCESSIBLE CEILING AREA.
- FLOOR BOXES SHALL HAVE ONE (1) 1-1/4" CONDUIT EXTENDED TO ACCESSIBLE CEILING FOR COMMUNICATIONS CABLING. ADDITIONAL CONDUITS MAY BE REQUIRED TO SUPPORT AV OR OTHER SYSTEMS CABLING AND ARE NOTED ON THE FLOOR PLANS.
- ALL EXTERNAL COMMUNICATIONS OUTLETS ARE TO BE INSTALLED IN A WEATHERPROOF ELECTRICAL BOX WITH A WEATHERPROOF-WHILE-IN-USE COVER. CONDUIT BY ELECTRICAL CONTRACTOR FOR ALL EXTERIOR LOCATIONS TO NEAREST IDF LOCATION.

CONDUIT FILL GUIDE

NUMBER OF CABLES AT 40% CONDUIT FILL BASED ON TRADE SIZE OF CONDUIT.

CABLE	TYPE	O.D.	0.75"	1"	1.25"	1.5"	2"	2.5"	3"	3.5"	4"
CAT6A	4 PAIR UTP	0.295	2	4	7	10	18	28	41	56	73
CAT6E	4 PAIR UTP	0.244	3	6	10	15	27	42	60	82	107
CAT6e	4 PAIR UTP	0.228	4	7	12	17	30	48	69	94	123
CAT6	4 PAIR F/UTP	0.255	3	6	9	14	24	38	55	75	98
CAT6	4 PAIR UTP	0.208	5	9	14	21	37	57	83	113	148
CAT5E	4 PAIR UTP	0.190	6	11	17	25	44	69	99	135	177
CAT5E	4 PAIR F/UTP	0.224	4	8	12	18	32	50	71	97	127
CAT5e	4 PAIR UTP	0.180	7	12	19	27	49	77	111	151	197
CAT5e	4 PAIR F/UTP	0.218	4	8	13	19	33	52	75	103	134
CAT5e	25 PAIR UTP	0.430	1	2	3	5	8	13	19	26	34
CAT5e	25 PAIR F/UTP	0.472	1	1	2	4	7	11	16	22	28
CAT5	4 PAIR UTP	0.180	7	12	19	27	49	77	111	151	197
CAT5	4 PAIR F/UTP	0.230	4	7	12	17	30	47	68	92	121
CAT5	25 PAIR UTP	0.430	1	2	3	5	8	13	19	26	34
CAT5	25 PAIR F/UTP	0.472	1	1	2	4	7	11	16	22	28

CONDUIT AND CABLE TRAY

	CONDUIT CONCEALED IN CEILING OR WALL.
	CONDUIT CONCEALED UNDER FLOOR OR UNDERGROUND
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT STUB WITH CAP
	CABLE SUPPORT BOX
	TELECOM CABLE TRAY. REFER TO T-SERIES SHEETS FOR SIZE, UON. COORDINATE LOCATION WITH DUCTWORK, PLUMBING, FIRE PROTECTION, ELECTRICAL, AND LIGHT FIXTURES.

TELECOM AND SECURITY DEVICES

	WALL MOUNTED SINGLE TELECOM OUTLET AT 48" AFF UON. PROVIDE A SS BACKBOX WITH SINGLE GANG MUD RING. PROVIDE (1) CAT6A IN 1-1/4" CONDUIT TO NEAREST CABLE TRAY OR RUN DIRECT TO TELECOM ROOM. PROVIDE NON-METALLIC BUSHING ON END OF CONDUIT. IP = IP PHONE INT = INTERCOM
	WALL MOUNTED SINGLE TELECOM OUTLET AT 18" AFF UON. - REFER TO ELECTRICAL FOR BOX TYPE. PROVIDE (2) CAT6A IN 1-1/4" CONDUIT TO NEAREST CABLE TRAY OR RUN DIRECT TO TELECOM ROOM. PROVIDE NON-METALLIC BUSHING ON END OF CONDUIT. BMS = CONNECTION FOR BULDING MANAGEMENT SYSTEM SM = CONNECTION FOR SMART METER
	WALL MOUNTED DUPLEX TELECOM OUTLET AT 18" AFF UON. - REFER TO ELECTRICAL FOR BOX TYPE. PROVIDE (2) CAT6A IN 1-1/4" CONDUIT TO NEAREST CABLE TRAY OR RUN DIRECT TO TELECOM ROOM. PROVIDE NON-METALLIC BUSHING ON END OF CONDUIT. AS ABOVE, WHERE # = NUMBER OF PORTS (3, 5, ETC.) FA = ANALOG LINE FOR FIRE ALARM AV = OUTLET DEDICATED FOR AV WP = WEATHERPROOF OUTLET
	WIRELESS ACCESS POINT WITH SS BACK BOX ABOVE CEILING. PROVIDE (2) CAT6A IN 1-1/4" CONDUIT TO NEAREST TELECOM ROOM. CONTRACTOR SHALL COORDINATE MOUNTING OPTIONS WITH ARCHITECT
	MULTI-SERVICE FLOOR BOX/CAST - REFER TO ELECTRICAL AND AV PLANS FOR FLOOR BOX TYPE. PROVIDE ONE (4) DATA PORT, UNLESS OTHERWISE NOTED ON PLANS. VIA CAT6A IN 1-1/4" CONDUIT TO NEAREST TELECOM ROOM. # = NUMBER OF PORTS
	JUNCTION BOX/FLOOR FEED BOX - AV AND TELECOM MAY BE COMBINED IN SAME BOX. PROVIDE METALLIC BARRIER WHEN POWER CIRCUITS ARE FED BY BOX. COORDINATE WITH ELECTRICAL AND AV.
	CCTV CAMERA. TELECOM CONTRACTOR SHALL PROVIDE (1) CAT6A CABLE IN 1-1/4" CONDUIT TO NEAREST CABLE TRAY OR RUN DIRECT TO TELECOM ROOM. TELECOM CONTRACTOR TO TERMINATE CABLE IN BISCUIT JACK AT CCTV CAMERA LOCATION. FINAL CONNECTION TO BE MADE BY SECURITY CONTRACTOR.
	AXIS F44 MAIN UNIT. TELECOM CONTRACTOR SHALL PROVIDE (1) CAT6A CABLE IN 1-1/4" CONDUIT TO NEAREST CABLE TRAY OR RUN DIRECT TO TELECOM ROOM. TELECOM CONTRACTOR TO COORDINATE FINAL LOCATION OF AXIS F44 MAIN UNIT FOR FINAL CABLE TERMINATION.

CABLE TRAY FILL GUIDE

CABLE TRAY HEIGHT X WIDTH	CAT 5e FILL RATIO AT:	CAT 6 FILL RATIO AT:	CAT 6A FILL RATIO AT:			
	25%	40%	25%	40%	25%	40%
2" X 4"	33	52	21	34	15	23
2" X 6"	49	79	32	50	22	35
2" X 8"	66	106	42	68	29	47
2" X 12"	99	158	63	101	44	70
2" X 16"	133	213	85	136	59	94
2" X 18"	150	239	96	153	67	106
2" X 20"	166	266	107	170	74	118
2" X 24"	200	320	128	204	89	142
4" X 4"	62	21	40	64	28	44
4" X 6"	94	150	60	96	42	67
4" X 8"	126	201	81	129	56	90
4" X 12"	188	300	120	192	84	134
4" X 16"	253	405	162	259	113	180
4" X 18"	285	456	182	292	127	202
4" X 20"	317	507	203	324	141	225
4" X 24"	381	609	244	390	169	270
6" X 8"	189	302	121	193	84	134
6" X 12"	282	451	180	288	125	200
6" X 16"	380	607	243	389	169	270
6" X 18"	427	684	274	438	190	304
6" X 20"	475	760	304	486	211	338
6" X 24"	571	913	365	584	254	406

ELECTRICAL AND LOW VOLTAGE SYSTEMS DIVISION OF WORK

SYSTEM	RISER CONDUIT	CABLE TRAYS	OUTLET BOXES	DEVICES	WIRING	STRUCTURED CABLING	RJ-45 JACKS	SPECIAL TERMINATIONS	WALL PLATES
ELECTRICAL	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	NA	NA	NA	DIV 26
FIRE ALARM	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 27/IT	DIV 26	NA	DIV 26
IT	DIV 26 *	DIV 26 *	DIV 26 *	NA	NA	DIV 27/IT	DIV 27/IT	NA	DIV 27/IT
SECURITY	DIV 26 *	DIV 26 *	DIV 26	DIV 28	DIV 28	DIV 27/IT	DIV 27/IT	DIV 28/SEC	DIV 27/IT
AV	DIV 26 ***	DIV 26 *	DIV 26 *	DIV 27/AV	DIV 27/AV	DIV 27/IT	DIV 27/IT	DIV 27/AV	DIV 27/IT
BMS	DIV 25/CONTROLS	DIV 25/CONTROLS	DIV 25/CONTROLS	DIV 25/CONTROLS	DIV 25/CONTROLS	DIV 27/IT	DIV 27/IT	DIV 25/BMS	DIV 27/IT

- ABBREVIATIONS**
- ELECTRICAL CONTRACTOR
 - INFORMATION TECHNOLOGY CONTRACTOR
 - SECURITY CONTRACTOR
 - AUDIO VISUAL CONTRACTOR
 - BUILDING MANAGEMENT CONTRACTOR
 - EC - REFER TO T-SERIES DRAWINGS
 - IT - REFER TO S-SERIES DRAWINGS
 - SEC - REFER TO AV-SERIES DRAWINGS
 - AV
 - BMS

MATRIX OF RESPONSIBILITY

BURO HAPPOLD	WIFI - SCOPE
TELECOM CONTRACTOR	DESKTOP MODELING AND LOCATION OF CONNECTION POINTS
CLIENT	INSTALLATION OF TELECOM CABLES, COORDINATING EXACT LOCATIONS BASED ON FIELD CONDITION
CLIENT	INSTALLATION OF ACTIVE EQUIPMENT

MDF/IDF NOTES

- ALL COORDINATION IN THE CEILING OF THE TELECOM ROOM SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- TELECOM ROOM SHALL BE PROVIDED WITH EXPOSED CEILINGS UNLESS OTHERWISE NOTED.
- ANY EXPOSED FIREPROOFING WITHIN TELECOM ROOM SHALL BE SEALED TO REDUCE DUST FROM DISLODGED MATERIAL.
- CABLE LADDER SHALL BE USED TO SUPPORT CABLES WITHIN THE TELECOM ROOM. LADDER SIZE SHALL BE AS INDICATED ON FLOOR/PART PLANS OR BASED UPON CABLING FILL REQUIREMENTS.
- CABLES ROUTED ON CABLE LADDER (VERTICAL OR HORIZONTAL) SHALL BE SECURED TO TRAY OR LADDER WITH REUSABLE VELCRO-BASED CABLE WRAPS EVERY RUNG.
- VERTICAL CABLE LADDER SHALL BE USED AT WALLS TO SUPPORT VERTICAL CABLE TRANSITIONS WITHIN THE TELECOM ROOM.
- A MINIMUM OF 6" CLEARANCE SHALL BE MAINTAINED ABOVE AND BELOW THE HORIZONTAL CABLE LADDER. LADDER ABOVE ALL RACKS TO ALL WALLS IN MDF LOCATIONS. ELECTRICALLY BOND AS REQUIRED.
- TELECOM ROOM WALLS SHALL BE CONTINUOUS FROM SLAB (FLOOR) TO SLAB (CEILING) WITH ALL THROUGH - WALL PENETRATIONS SEALED.
- THE GENERAL CONTRACTOR SHALL SEAL ALL OPENINGS AROUND WALL PENETRATIONS TO MAINTAIN THE INTEGRITY OF CONDITIONED SPACES. ALL WORK PERFORMED SHALL MAINTAIN THE PRESCRIBED FIRE RATING OF THE SPACE.
- PLYWOOD FOR WALL FIELDS SHALL BE FIRE-RATED GRADE A - C WITH "A" SIDE FACING OUT.
- ALL FLOORING SHALL BE ANTI-STATIC VCT TILE UNLESS OTHERWISE NOTED.
- WALL PHONE OUTLETS MECHANICAL AND TELECOM ROOMS SHALL BE MOUNTED AT 54" A.F.F.
- ALL RACKS, CABINETS AND CABLE TRAY/LADDER RACKS SHALL BE ELECTRICALLY CONNECTED, VIA #6 AWG GREEN JACKETED WIRE, TO A FIRE-DRILLED AND TAPPED GROUND BAR TO BE LOCATED WITHIN THE ROOM. GROUND BAR SHALL BE CADWELD CONNECTED TO BUILDING STEEL BY WAY OF THE LOCAL TELECOMMUNICATIONS GROUNDING BAR. (2) HOLE CRIMP CONNECTORS SHALL BE USED.

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Description	Date
50% Construction Documents	11/06/20

- Project**
Storm King Art Center Administration Building
- Seal**
- NOT FOR CONSTRUCTION**
Drawing Title
Abbreviations, Symbols and Legends
- | | |
|----------------|-----------------|
| Date | 11/06/20 |
| Scale | Not to Scale |
| Drawing Number | IT-A-001 |
| Sheet Size | ARCH D |

- GENERAL NOTES:**
1. DATA ROUTED TO FLOOR BOXES, OR TO OCCUPIED AREAS OPEN-TO-STRUCTURE CEILINGS TO BE RUN IN CONDUIT WITHIN FLOOR BUILD-UP.

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Project

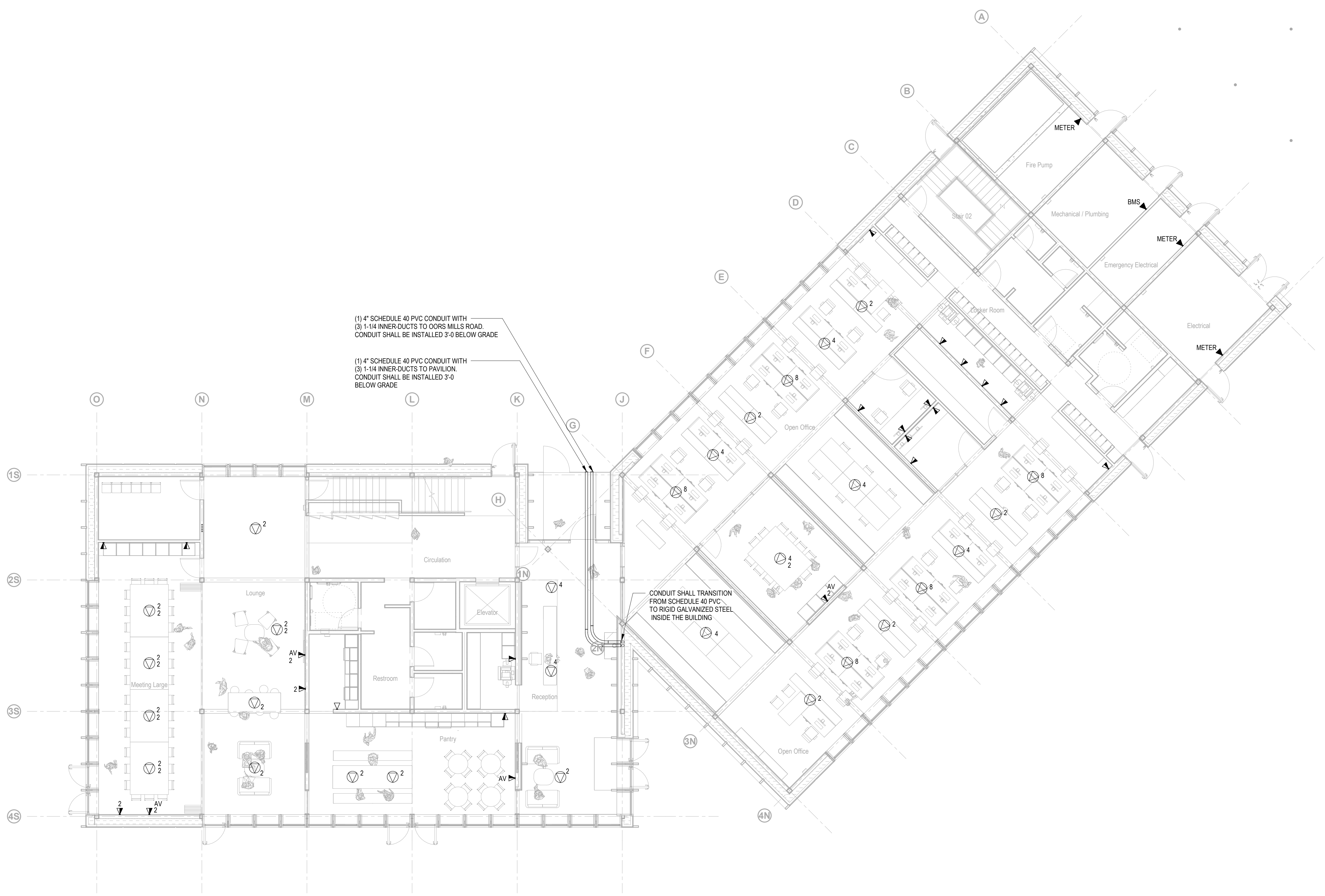
Storm King Art Center Administration Building

Seal

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Drawing Title
 Telecom Plan -
 Ground Level

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Drawing Number	IT-A-101
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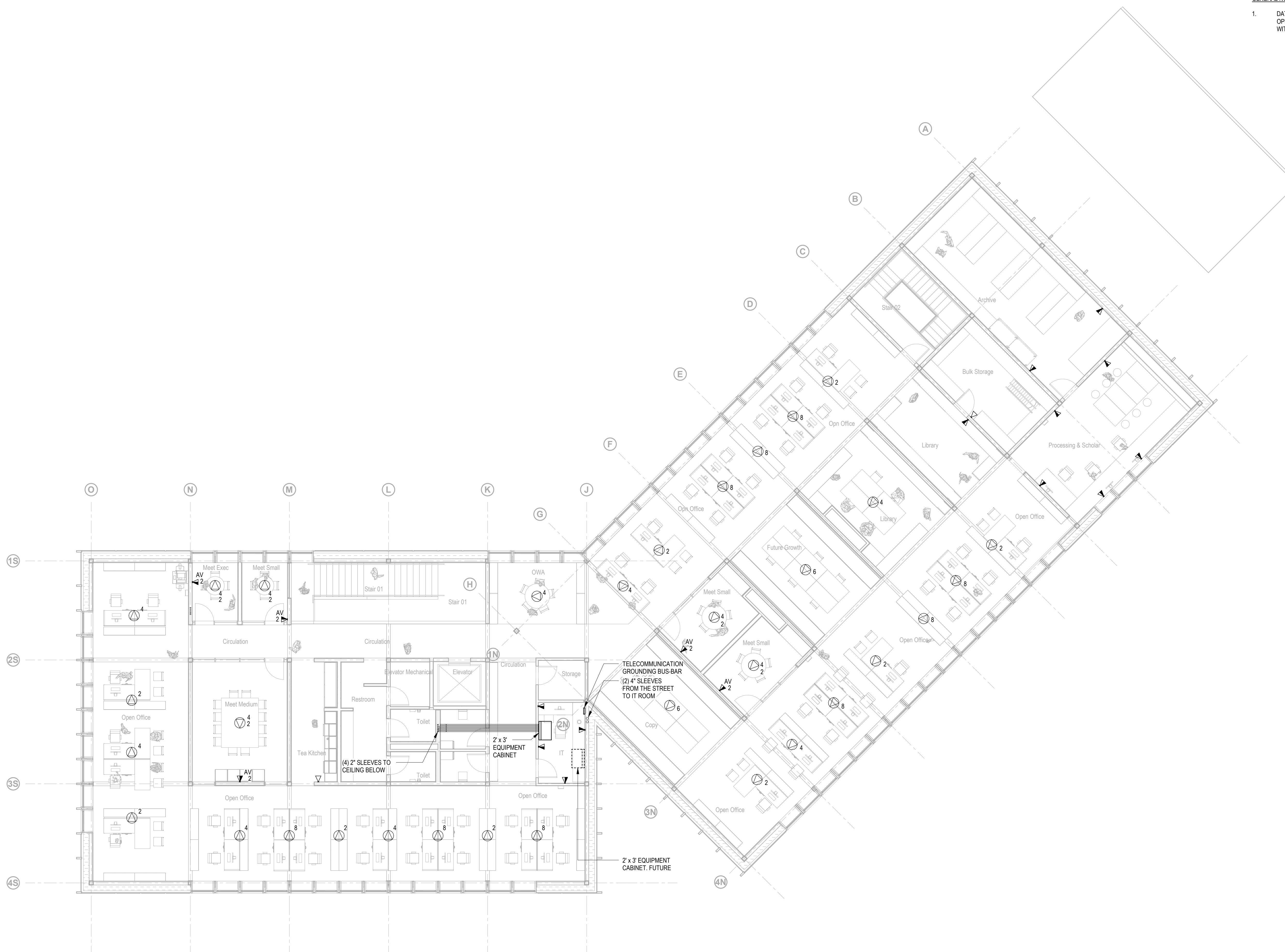


(1) 4" SCHEDULE 40 PVC CONDUIT WITH
 (3) 1-1/4" INNER-DUCTS TO OORS MILLS ROAD.
 CONDUIT SHALL BE INSTALLED 3'-0" BELOW GRADE

(1) 4" SCHEDULE 40 PVC CONDUIT WITH
 (3) 1-1/4" INNER-DUCTS TO PAVILION.
 CONDUIT SHALL BE INSTALLED 3'-0" BELOW GRADE

CONDUIT SHALL TRANSITION
 FROM SCHEDULE 40 PVC
 TO RIGID GALVANIZED STEEL
 INSIDE THE BUILDING

GENERAL NOTES:
 1. DATA ROUTED TO FLOOR BOXES, OR TO OCCUPIED AREAS
 OPEN-TO-STRUCTURE CEILINGS TO BE RUN IN CONDUIT
 WITHIN FLOOR BUILD-UP.



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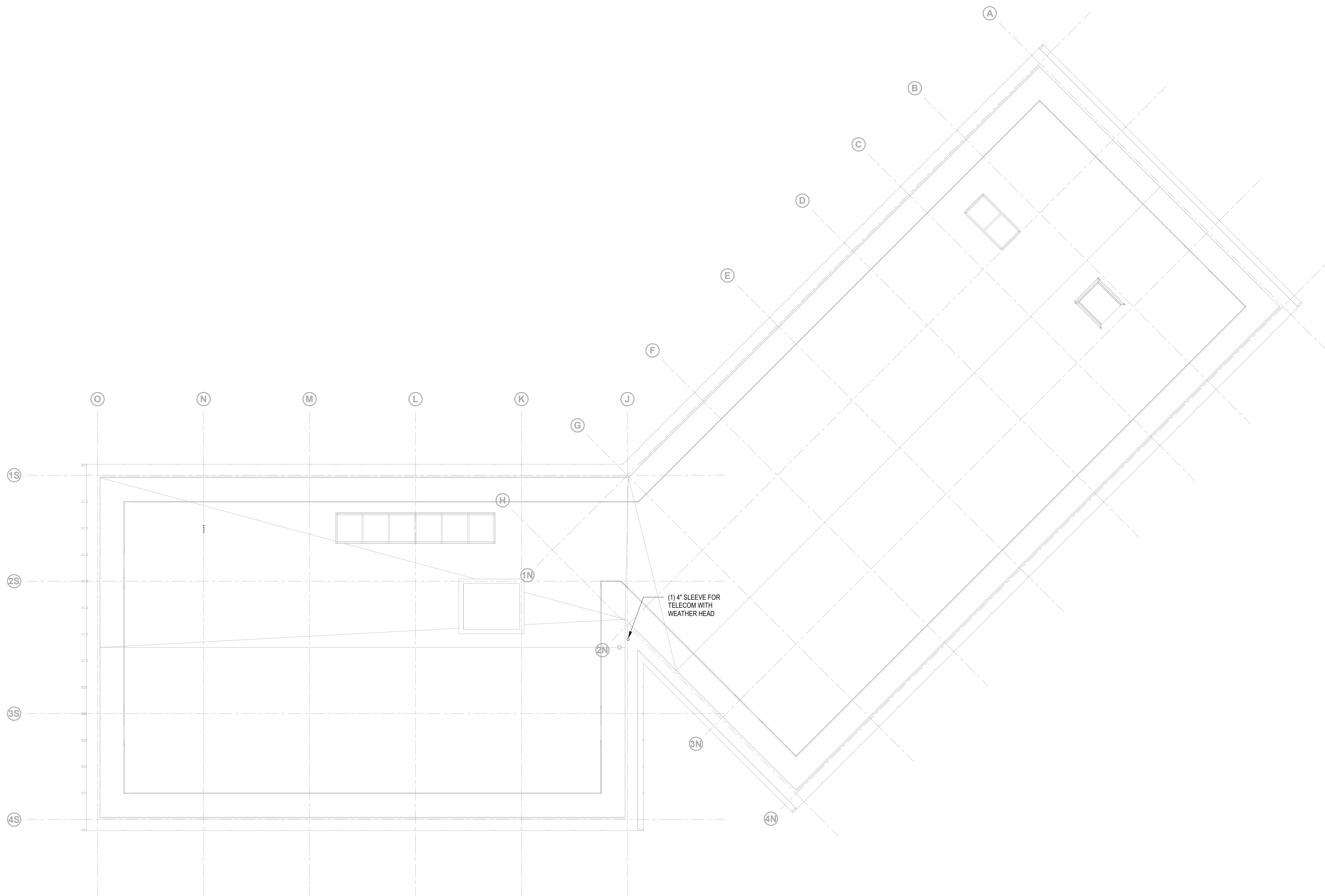
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Project
 Storm King
 Art Center
**Administration
 Building**

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 Drawing Title
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 Second Level

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Key Plan

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**Storm King
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 Administration
 Building**

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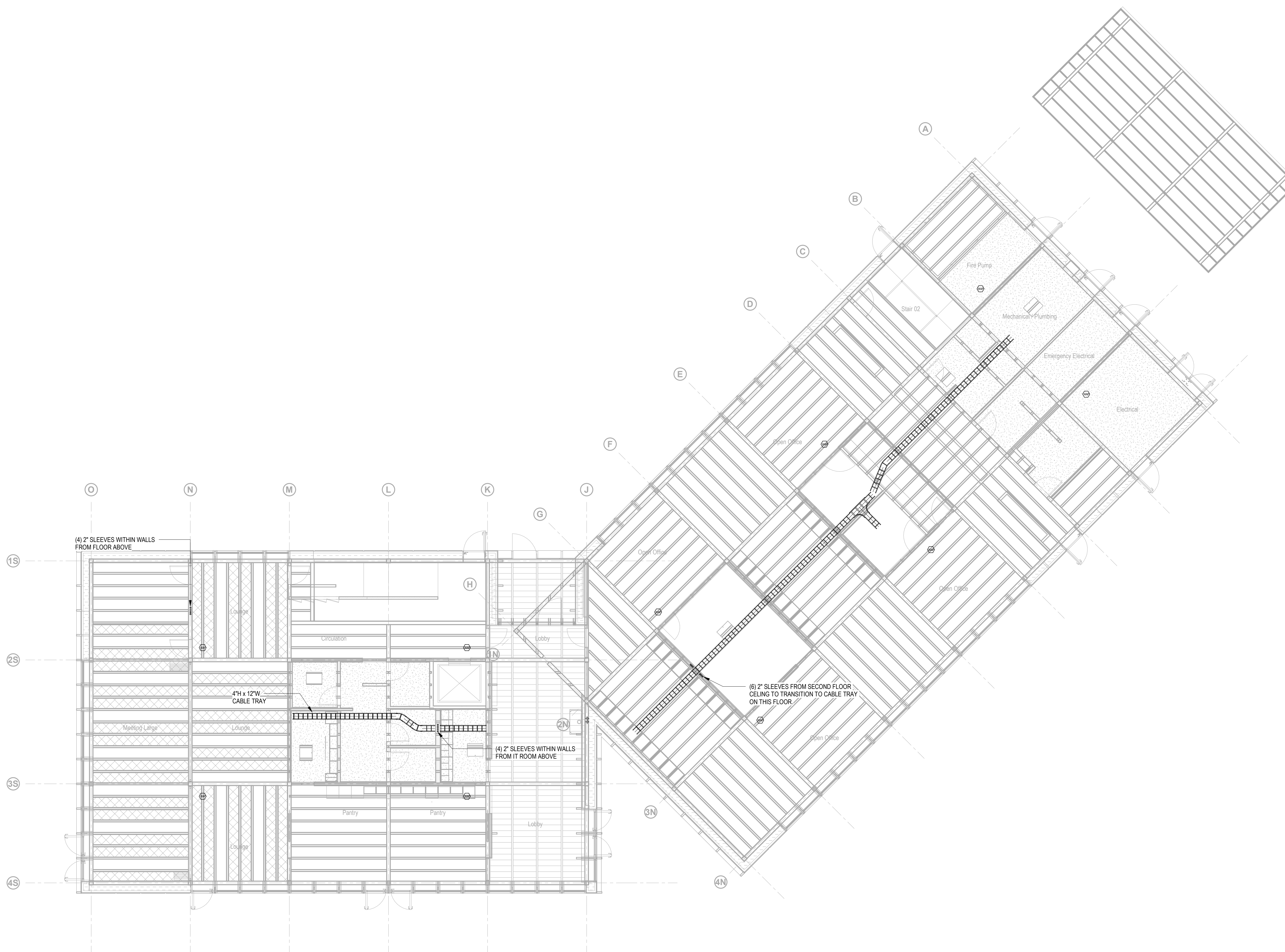
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 Level**

Date 11/06/20

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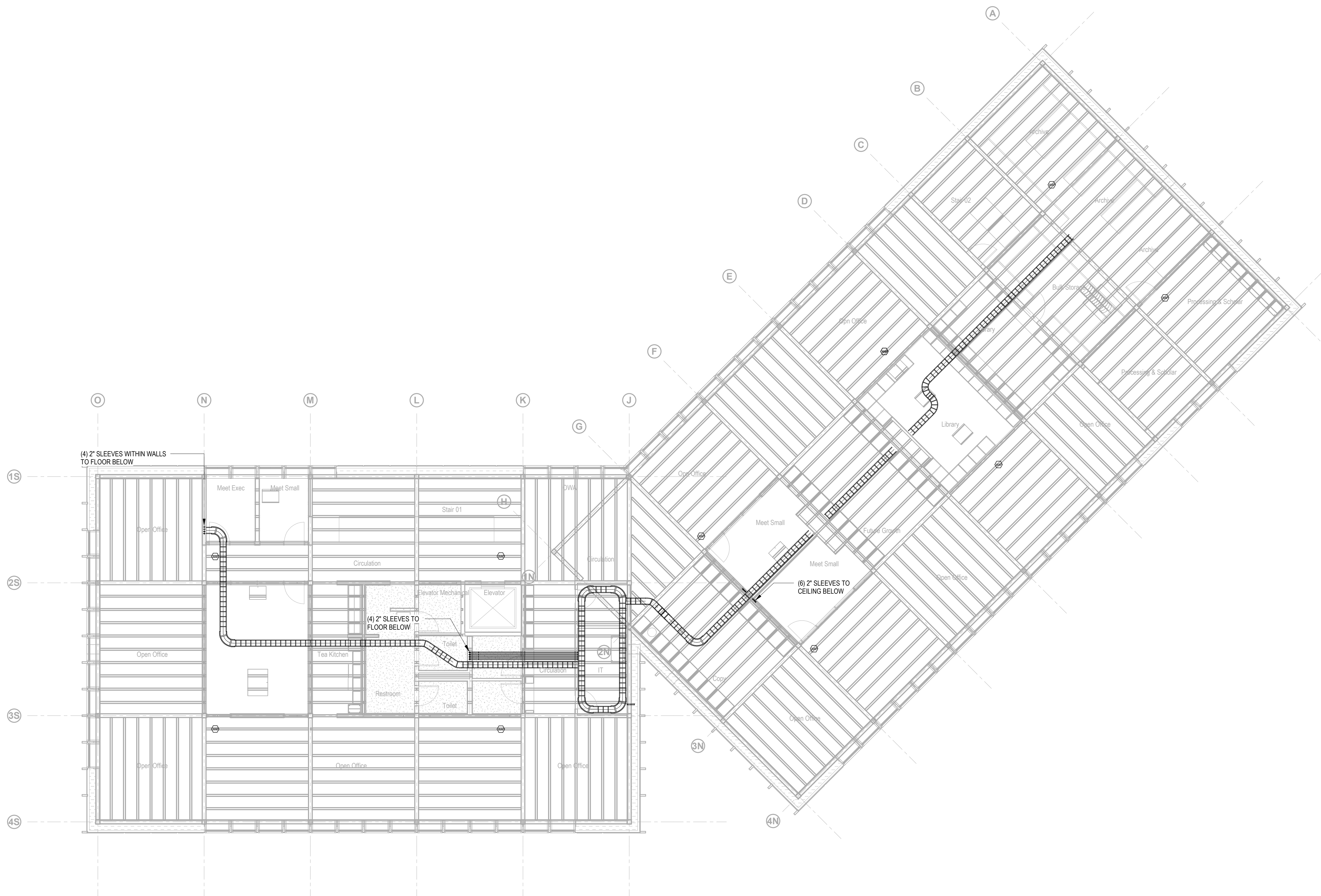
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Project
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 Drawing Title
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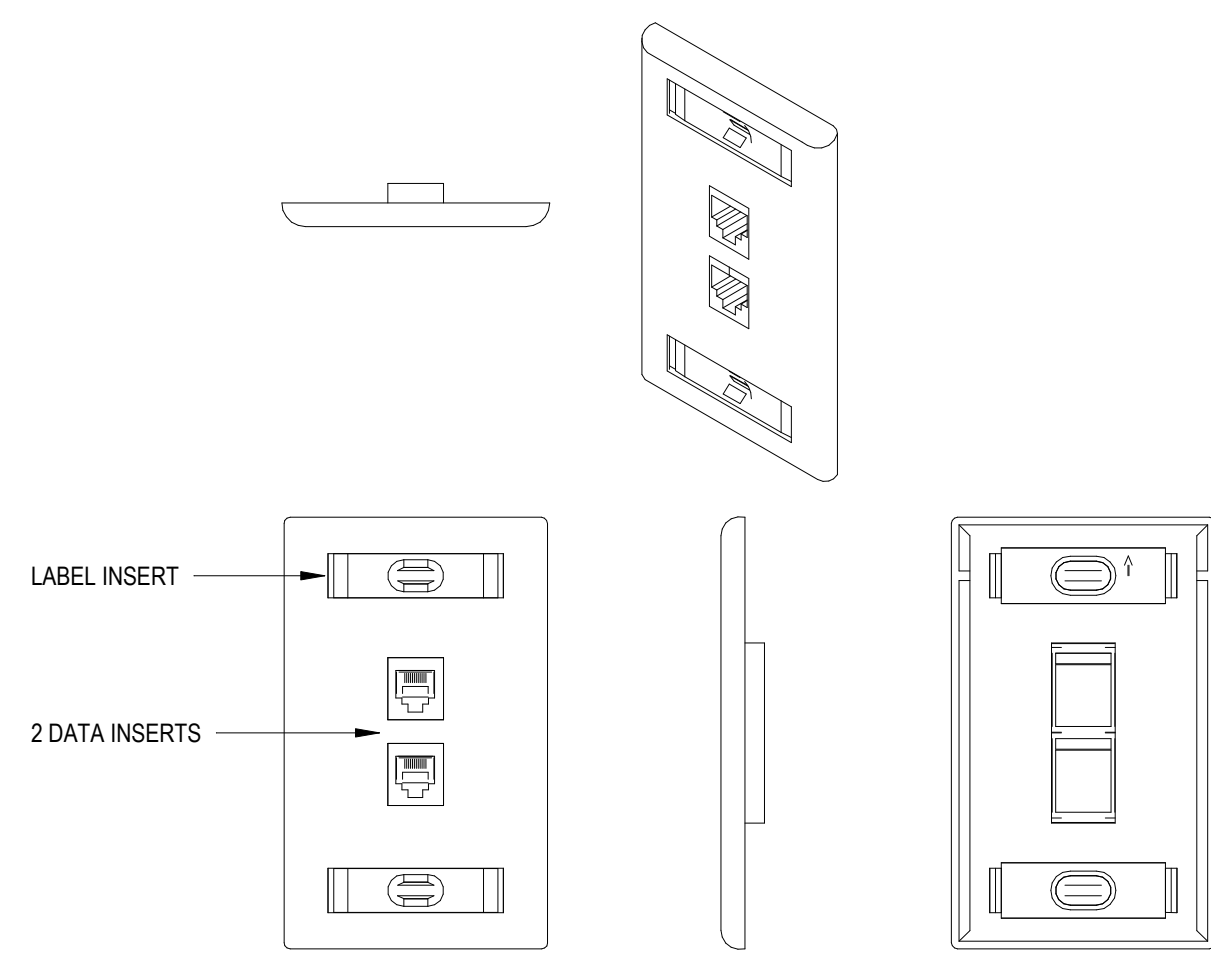
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Project
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 Drawing Title
 Telecom RCP -
 Second Level

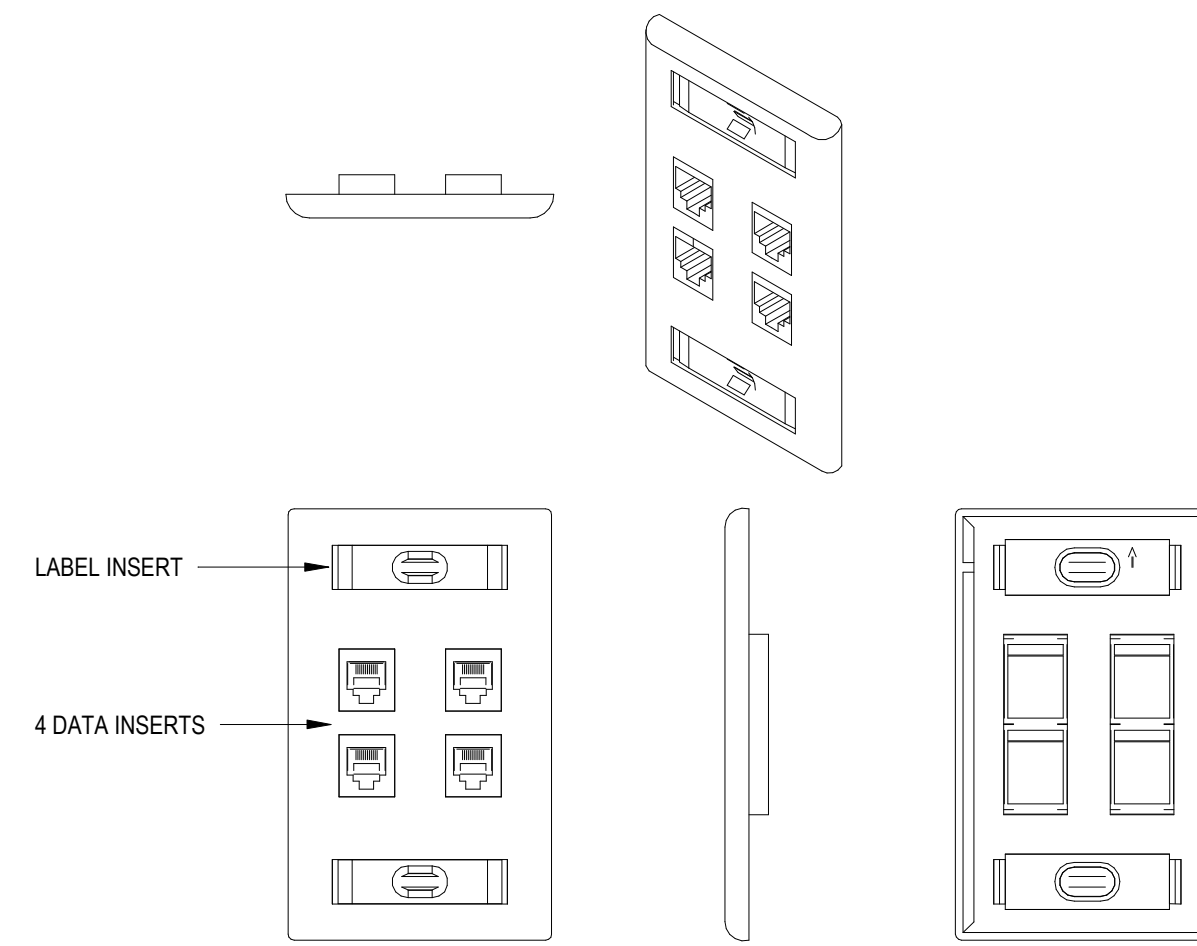
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NOTES:

1. COORDINATE ALL COLORS AND FINISHES WITH ARCHITECTURAL DRAWINGS
2. COORDINATE NAMING CONVENTION WITH CLIENT

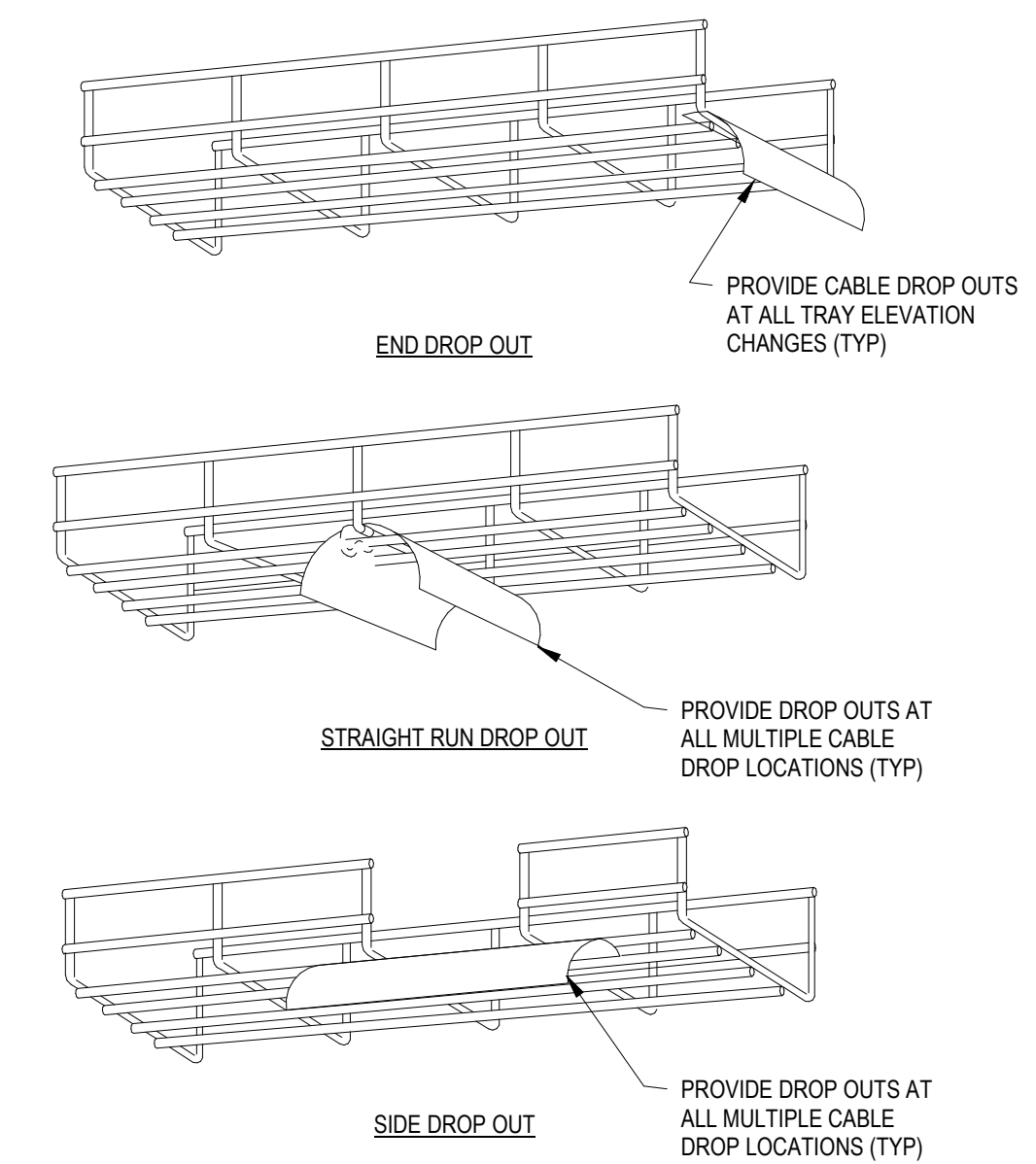
1 2 PORT TELECOM OUTLET FACE PLATE
NOT TO SCALE



NOTES:

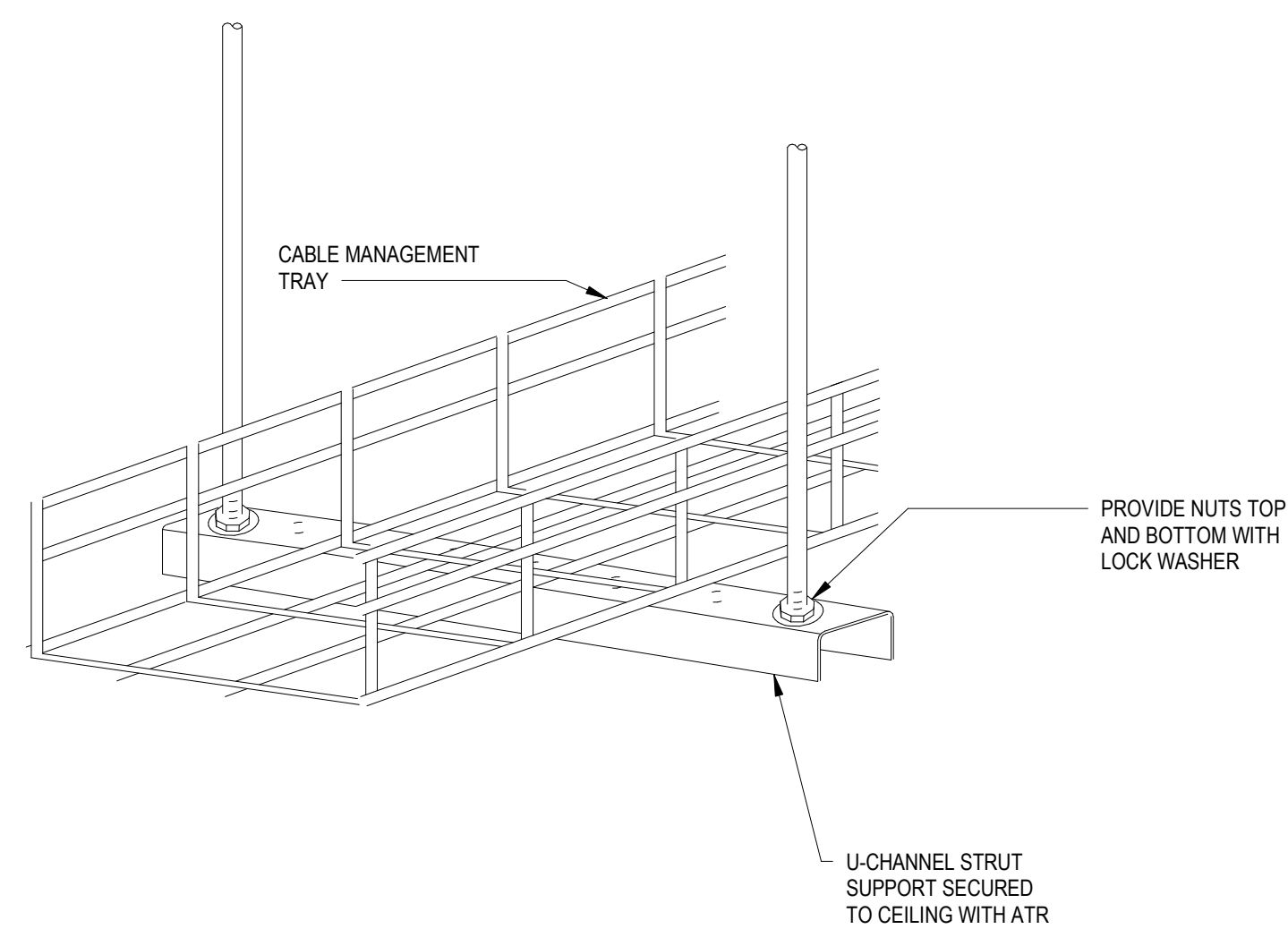
1. COORDINATE ALL COLORS AND FINISHES WITH ARCHITECTURAL DRAWINGS
2. COORDINATE NAMING CONVENTION WITH CLIENT

2 4 PORT TELECOM OUTLET FACE PLATE
NOT TO SCALE

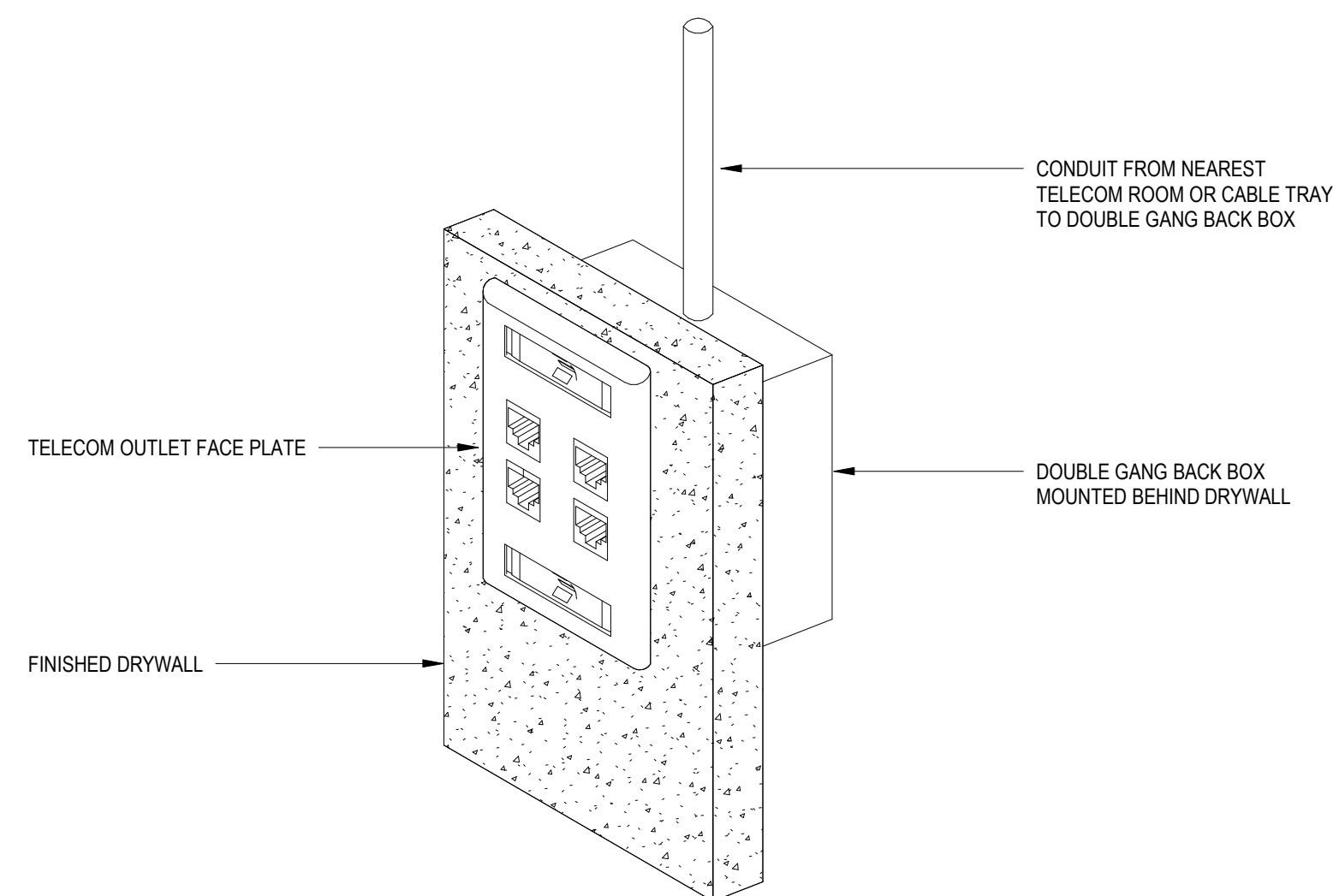


3 CABLE TRAY CABLE DROPOUT
NOT TO SCALE

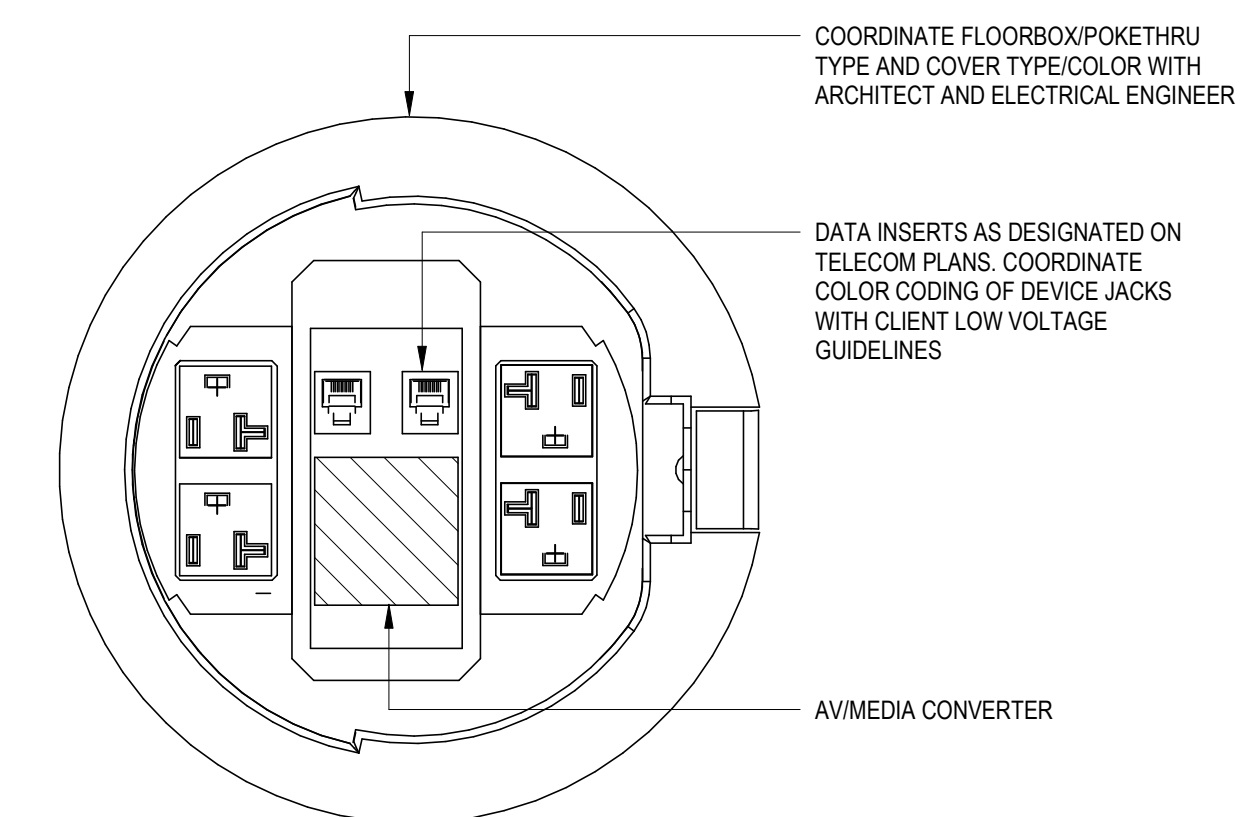
DETAIL TO BE REPLACED BY MANUFACTURER SPECIFIC MOUNTING METHODS



4 CABLE TRAY TRAPEZE HUNG
NOT TO SCALE



5 DOUBLE GANG BACKBOX FOR TELECOM OUTLET
NOT TO SCALE



6 FLOOR BOX
NOT TO SCALE

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Key Plan

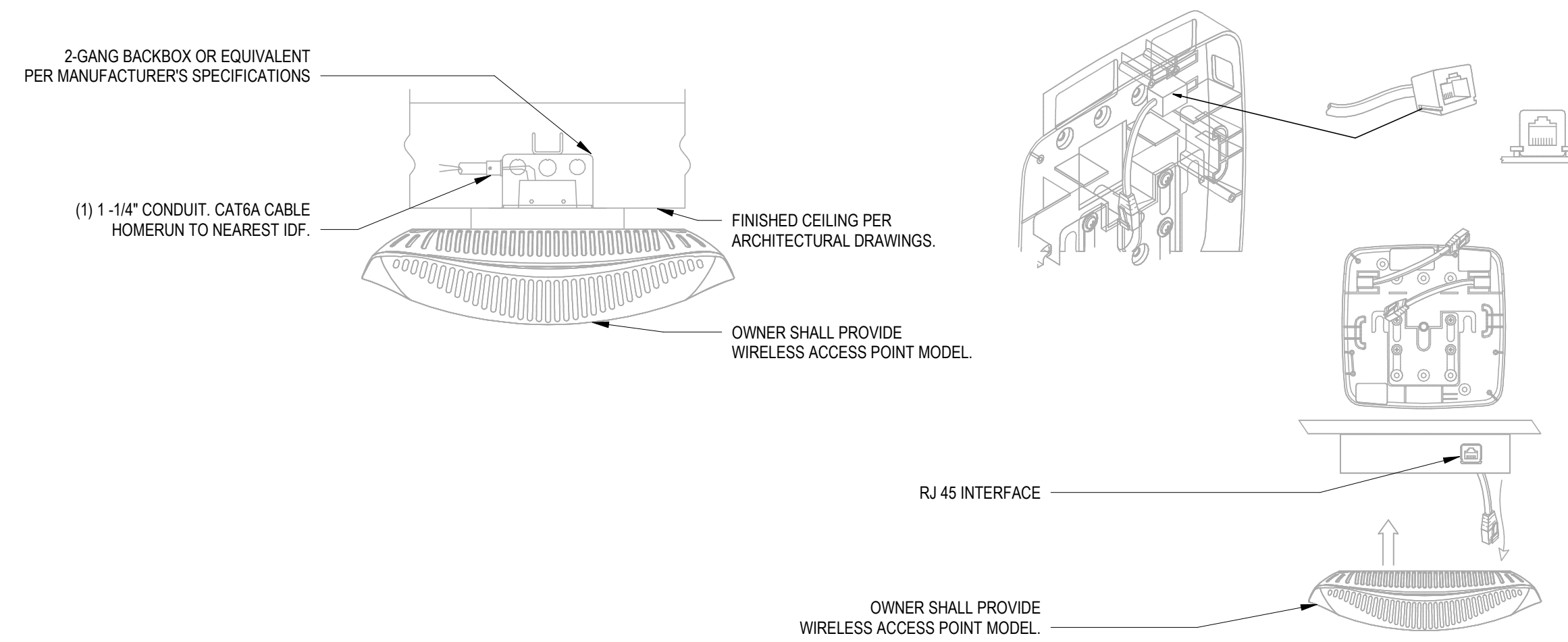
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50% Construction Documents	11/06/20

Project
Storm King Art Center Administration Building

Seal

NOT FOR CONSTRUCTION
Drawing Title
Telecom Details

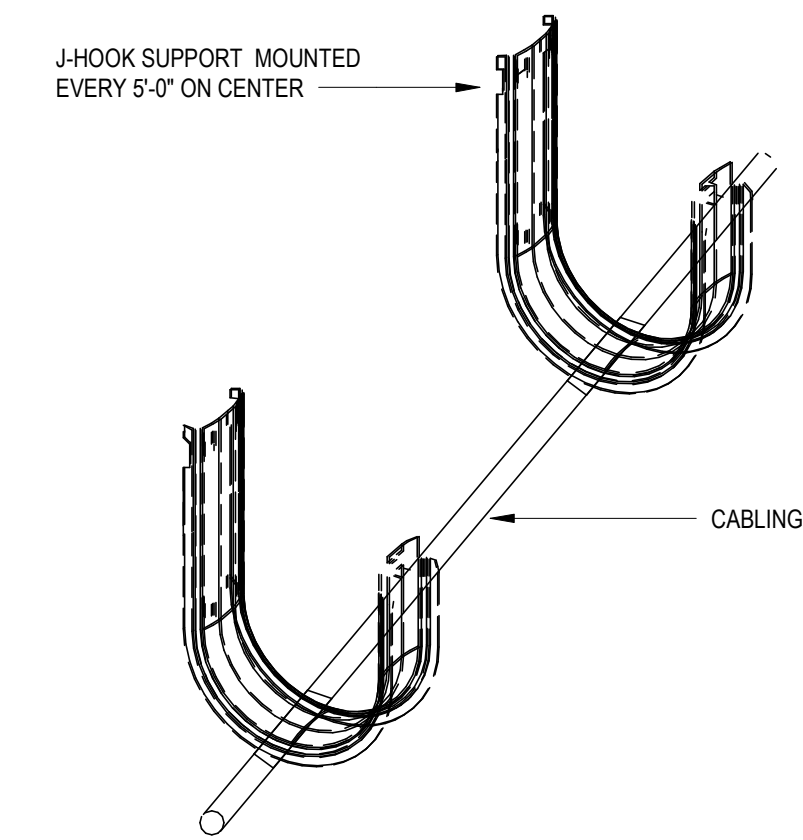
Date	11/06/20
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Drawing Number	IT-A-501
Sheet Size	ARCH D



NOTES:

1. REFER TO SPECIFICATIONS FOR WIRELESS ACCESS POINT MAKE AND MODEL
2. INSTALL PER MANUFACTURER RECOMMENDATIONS & COORDINATE FINAL INSTALLATION WITH ARCHITECT

1 CEILING MOUNTED WAP
NOT TO SCALE



NOTES:

1. CONTRACTOR TO INSTALL CABLES NEATLY WITH VELCRO STRAPS TO HOLD THE BUNDLES TOGETHER

2 JHOOKS
NOT TO SCALE

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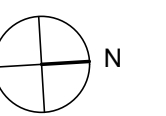
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Key Plan



Description	Date
50% Construction Documents	11/06/20

Project

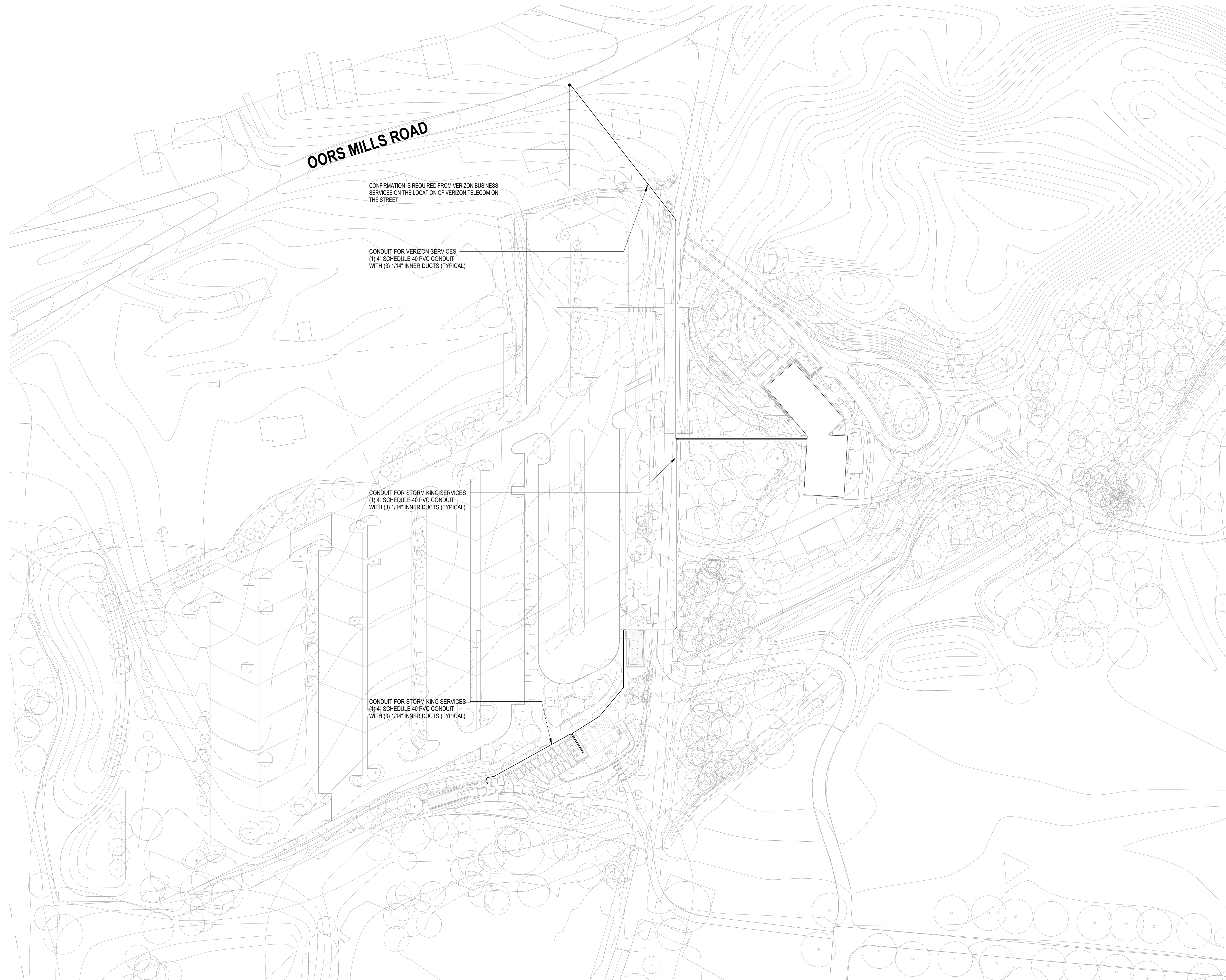
**Storm King
Art Center
Administration
Building**

Seal

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Drawing Title
Telecom Details

Date	11/06/20
Scale	Not to Scale
Drawing Number	IT-A-502
Sheet Size	ARCH D



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Key Plan

N ⊕	
Description	Date
50% Construction Documents	11/06/20

Project
**Storm King
Art Center
Administration
Building**

Seal

NOT FOR CONSTRUCTION
Drawing Title
**Site Plan - Property -
Telecom**

Date	11/06/20
Scale	1/64" = 1'-0"
Drawing Number	IT-A-900
Sheet Size	ARCH D