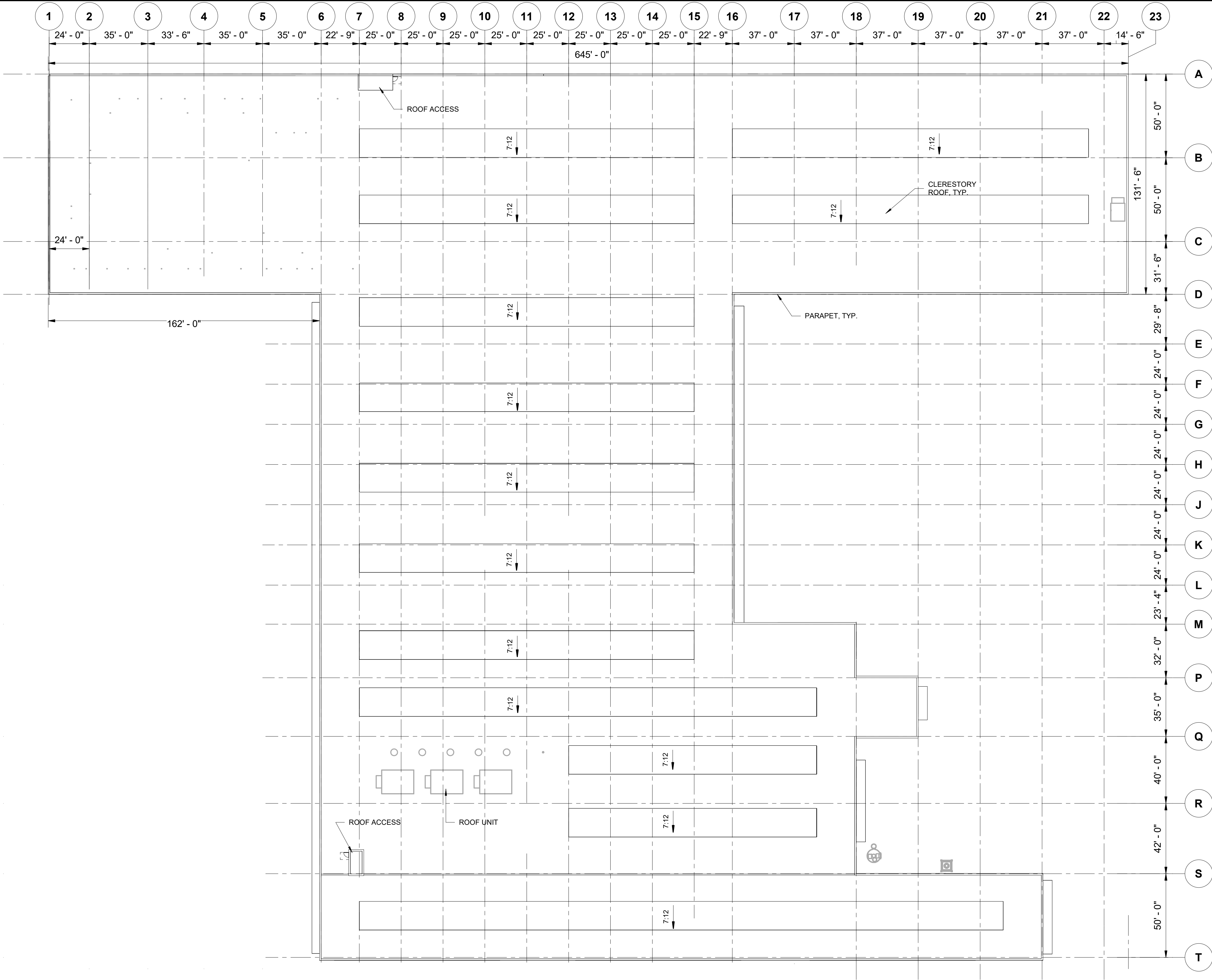
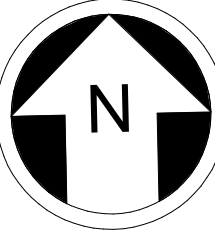
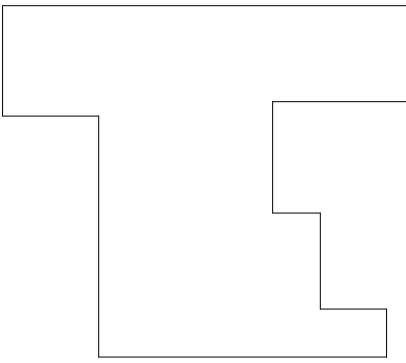


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KEY PLAN - M08



8 4 0 8 16  
SCALE IN FEET

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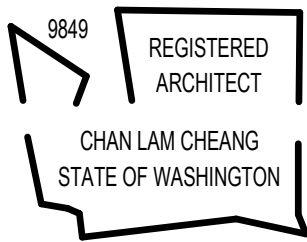
Refer to the plan set COVER drawing for disclaimers regarding this drawing.

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG  
DRAWN BY:  
STEPHANIE GREEN  
CHECKED BY:  
DONN HOGAN  
APPROVED BY:  
SHEENA ZIMMERMAN



SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

PACKAGE #



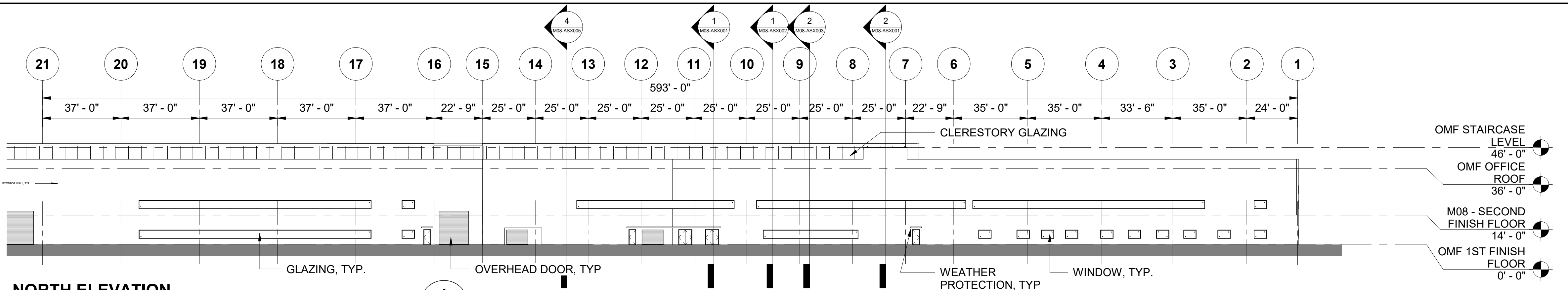
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FILENAME:  
OMFS-M08-A-V2022.RVT  
CONTRACT No.:  
AE-0030-17  
SUBMITTAL DATE:  
02/27/2024

**SOUND TRANSIT**  
**OPERATIONS & MAINTENANCE FACILITY SOUTH**  
PRELIMINARY ENGINEERING  
  
ARCHITECTURAL ROOF PLAN  
OMF OVERALL ROOF PLAN

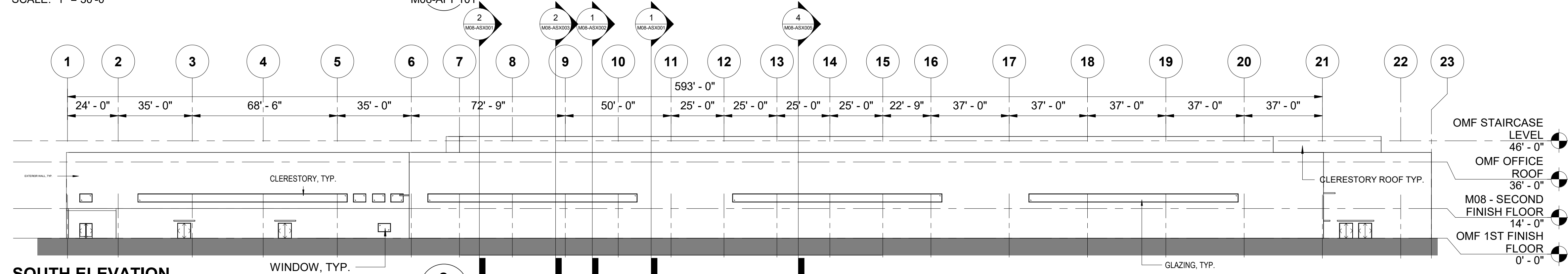
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**M08-ARP101**  
FACILITY ID:  
M08  
SHEET No: REV:

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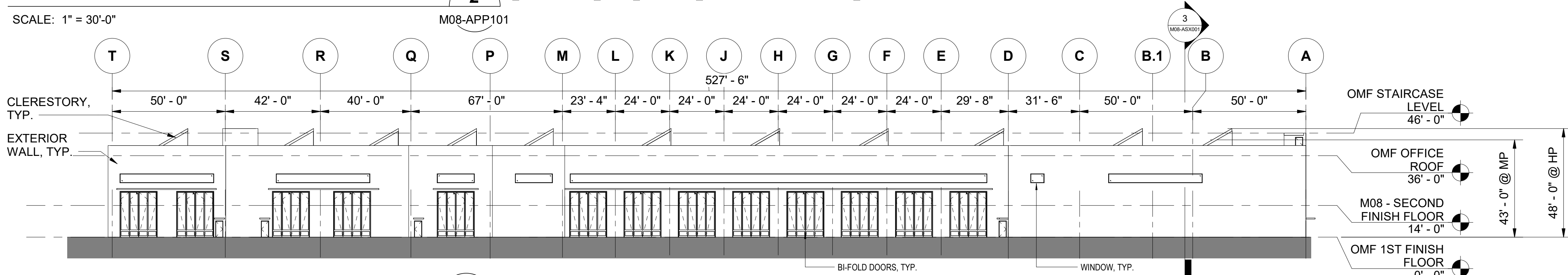
**NORTH ELEVATION**

SCALE: 1" = 30'-0"



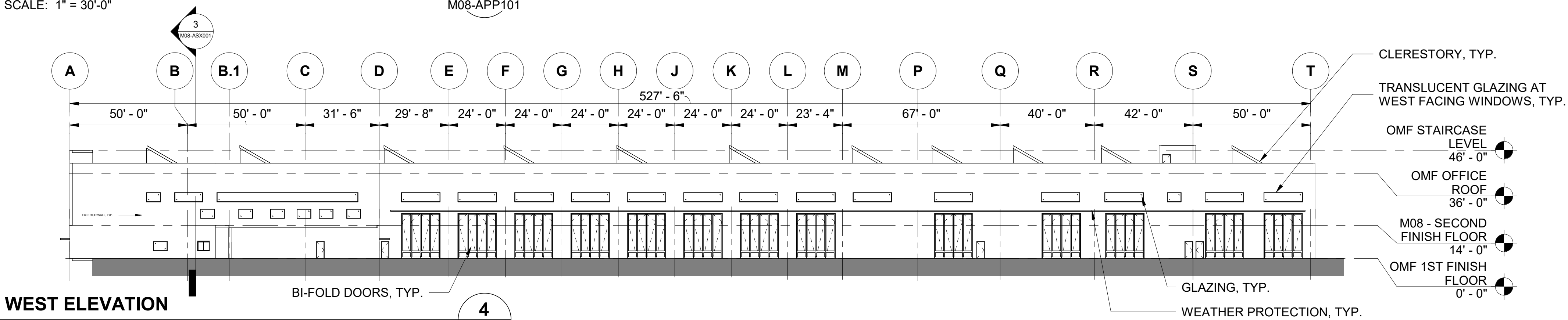
**SOUTH ELEVATION**

SCALE: 1" = 30'-0"



**EAST ELEVATION**

SCALE: 1" = 30'-0"



**WEST ELEVATION**

SCALE: 1" = 30'-0"

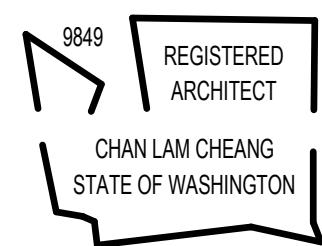
Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

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CONSTRUCTION

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

<b>AHJ:</b>	
DESIGNED BY:	CHAN CHEANG
DRAWN BY:	STEPHANIE GREEN
CHECKED BY:	DONN HOGAN
APPROVED BY:	SHEENA ZIMMERMAN



SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

### PACKAGE #



DATE:


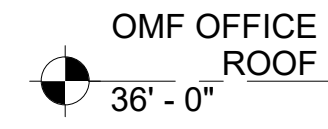
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CONTRACT No.: AE-0030-17
SUBMITTAL DATE: 02/27/2024

<b>SOUND TRANSIT</b> <b>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</b> PRELIMINARY ENGINEERING	
ARCHITECTURAL ELEVATIONS OMF ELEVATIONS	

DRAWING No.: <b>M08-AEE001</b>	
FACILITY ID: M08	
SHEET No:	REV:







M08-AEE001

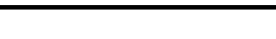
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NOT FOR  
CONSTRUCTION

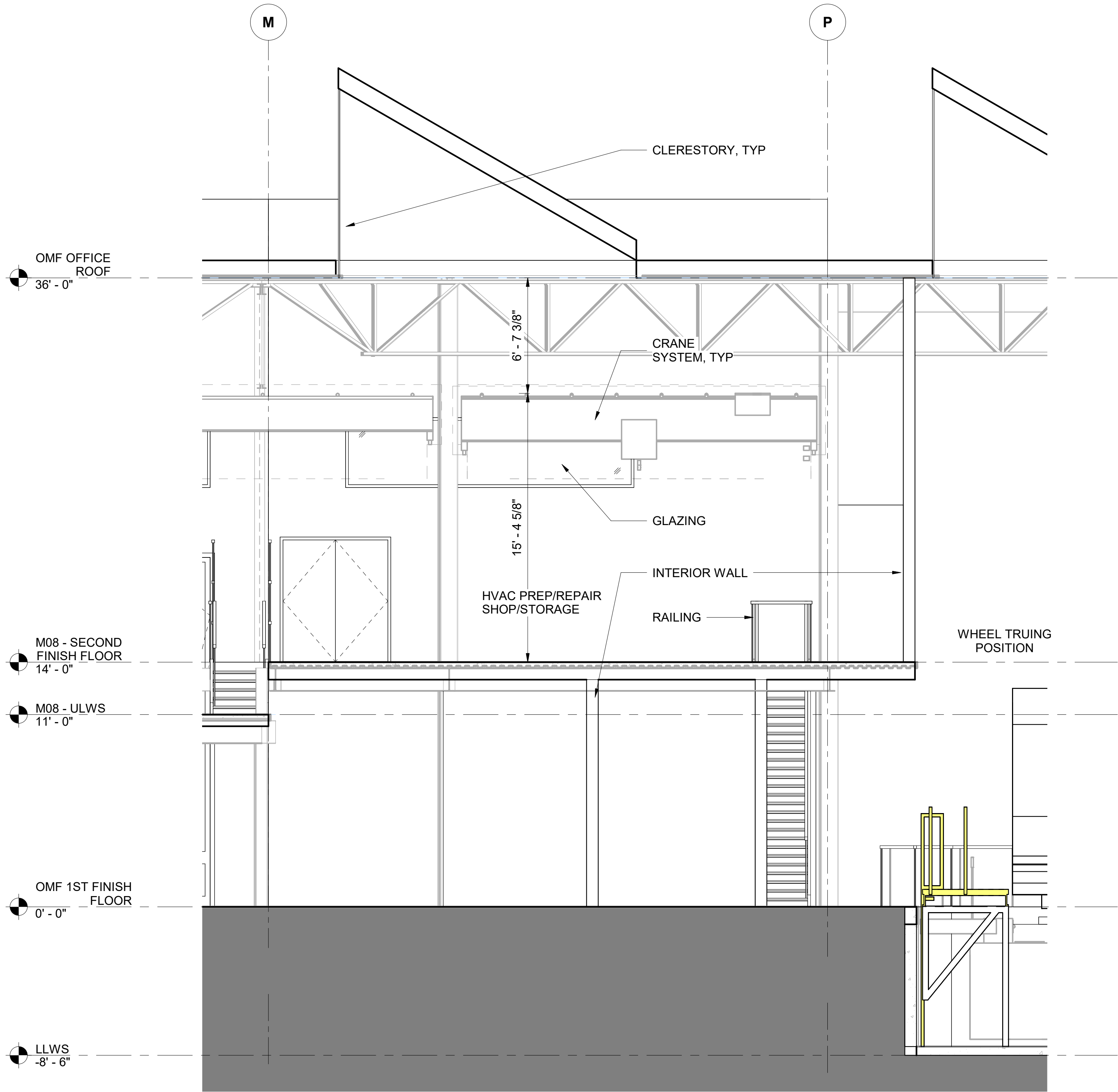
*Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.*

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #				
DESIGNED BY: CHAN CHEANG	<div>9849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>		<div>LINE IS 1" AT FULL SCALE</div>	<div> SoundTransit</div>	SCALE: AS NOTED	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div>	DRAWING No.: M08-ASX002	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M08-A-V2022.RVT		FACILITY ID: M08	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17		ARCHITECTURAL SECTIONS  OMF SECTIONS	SHEET No:      REV:
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024			
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:				

2/24/2024 1:06:58 AM  
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SECTION AT TRUCK SHOP STORAGE

SCALE: 1/4" = 1'-0"

2  
M08-AEE001

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CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>LINE IS 1" AT FULL SCALE</div>	<div>HTR</div>		
DRAWN BY: STEPHANIE GREEN					
CHECKED BY: DONN HOGAN					
APPROVED BY: SHEENA ZIMMERMAN					
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		



**SOUND TRANSIT**  
**OPERATIONS & MAINTENANCE FACILITY SOUTH**  
PRELIMINARY ENGINEERING  
  
ARCHITECTURAL SECTIONS  
OMF SECTIONS

DRAWING No.:	M08-ASX003
FACILITY ID:	M08
SHEET No:	REV:



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SECTION AT VEHICLE MAINTENANCE BAY

SCALE: 1/4" = 1'-0"

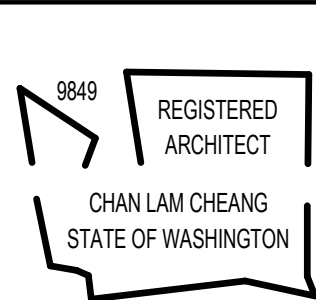
3  
M08-APP104

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:
DESIGNED BY: CHAN CHEANG
DRAWN BY: STEPHANIE GREEN
CHECKED BY: DONN HOGAN
APPROVED BY: SHEENA ZIMMERMAN



SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

PACKAGE #

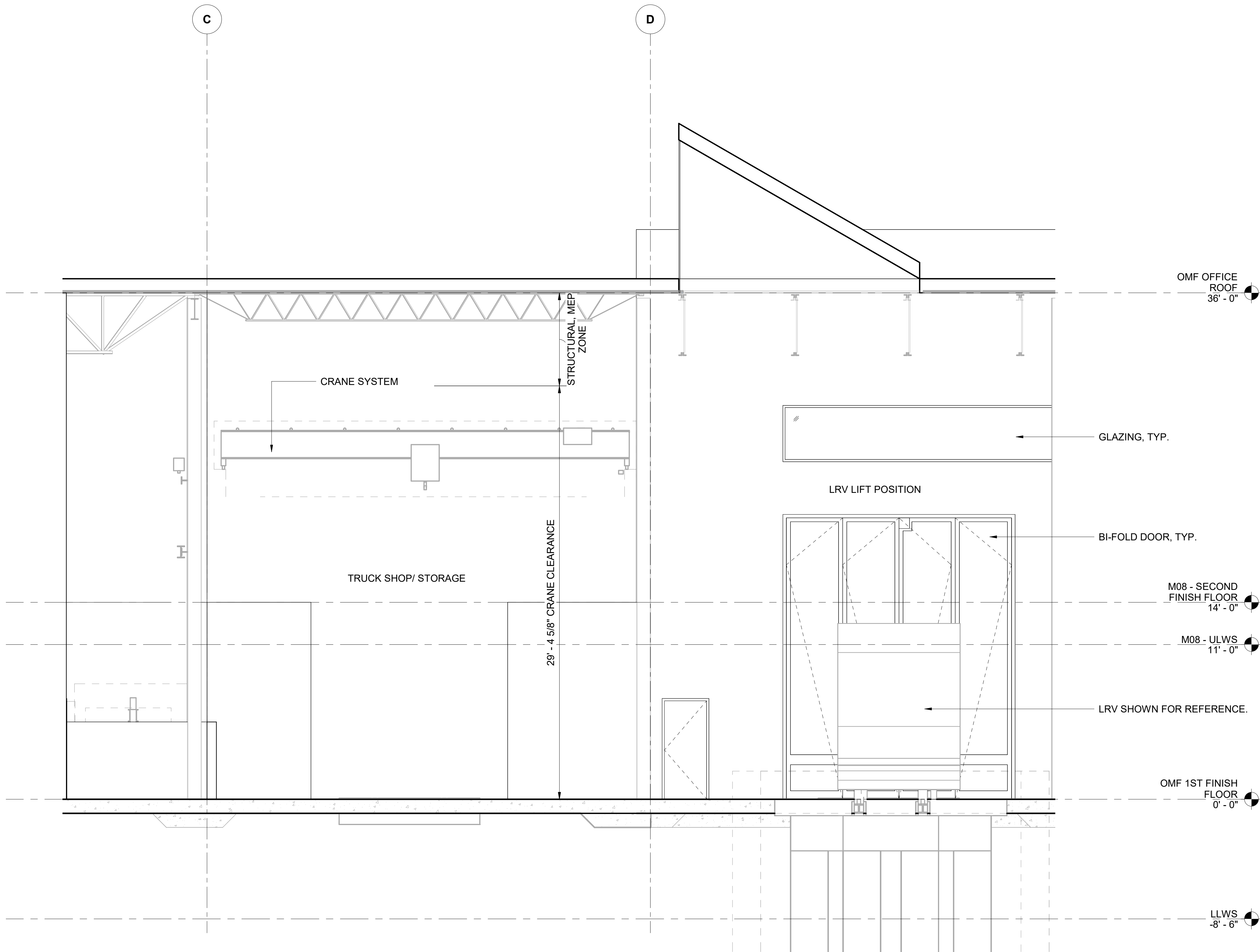


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CONTRACT No.: AE-0030-17
SUBMITTAL DATE: 02/27/2024

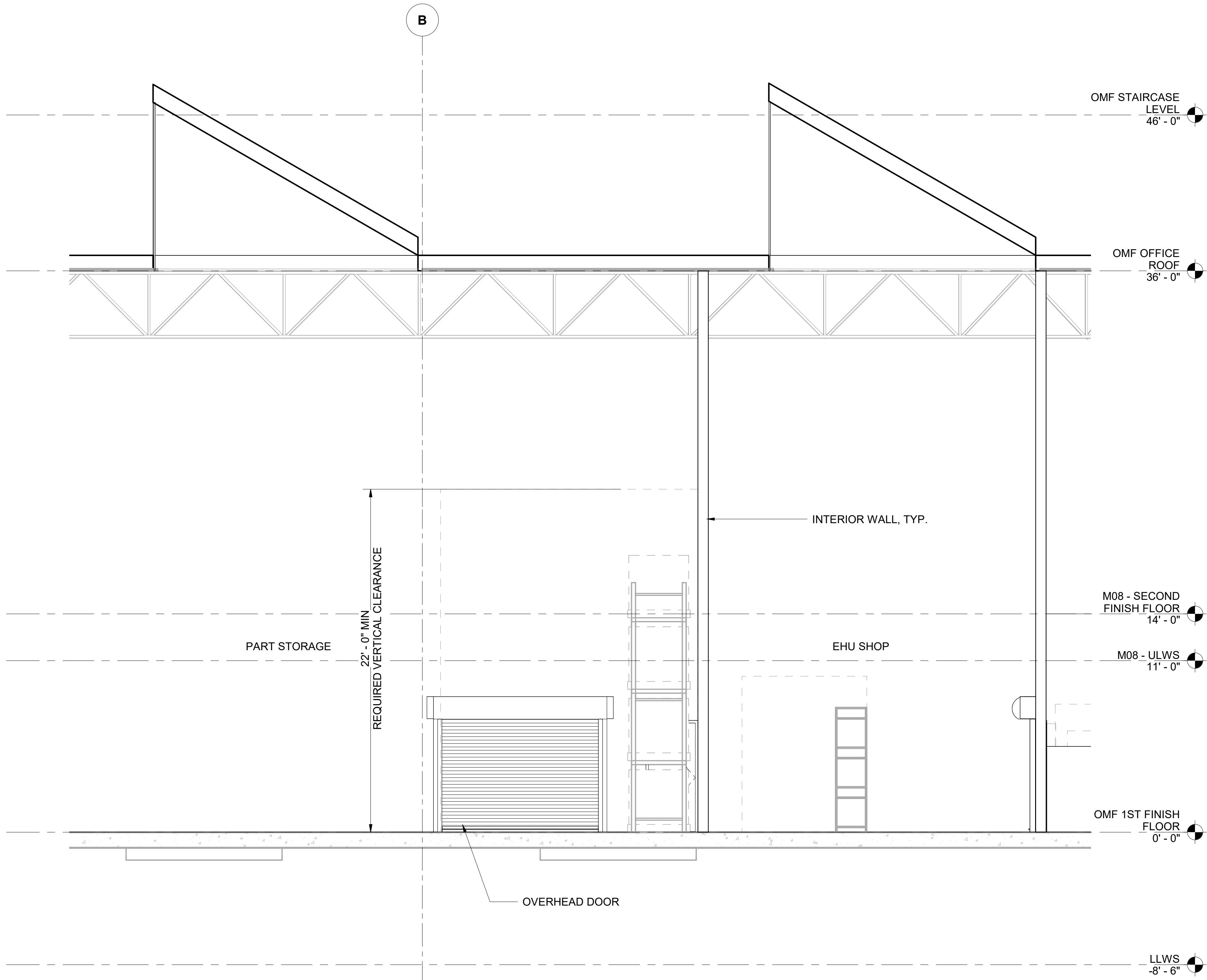
<b>SOUND TRANSIT</b> <b>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</b> PRELIMINARY ENGINEERING
ARCHITECTURAL SECTIONS OMF SECTIONS

DRAWING No.: <b>M08-ASX004</b>	
FACILITY ID: <b>M08</b>	
SHEET No:	REV:

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CONSTRUCTION



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SECTION AT PART STORAGE BTWN GL 13-14

4

M08-AEE001

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CONSTRUCTION

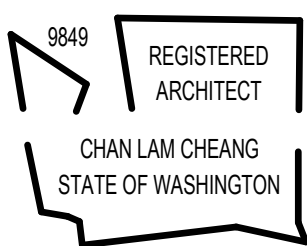
SCALE: 1/4" = 1'-0"  
*Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.*

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG  
DRAWN BY:  
STEPHANIE GREEN  
CHECKED BY:  
DONN HOGAN  
APPROVED BY:  
SHEENA ZIMMERMAN



SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

PACKAGE #



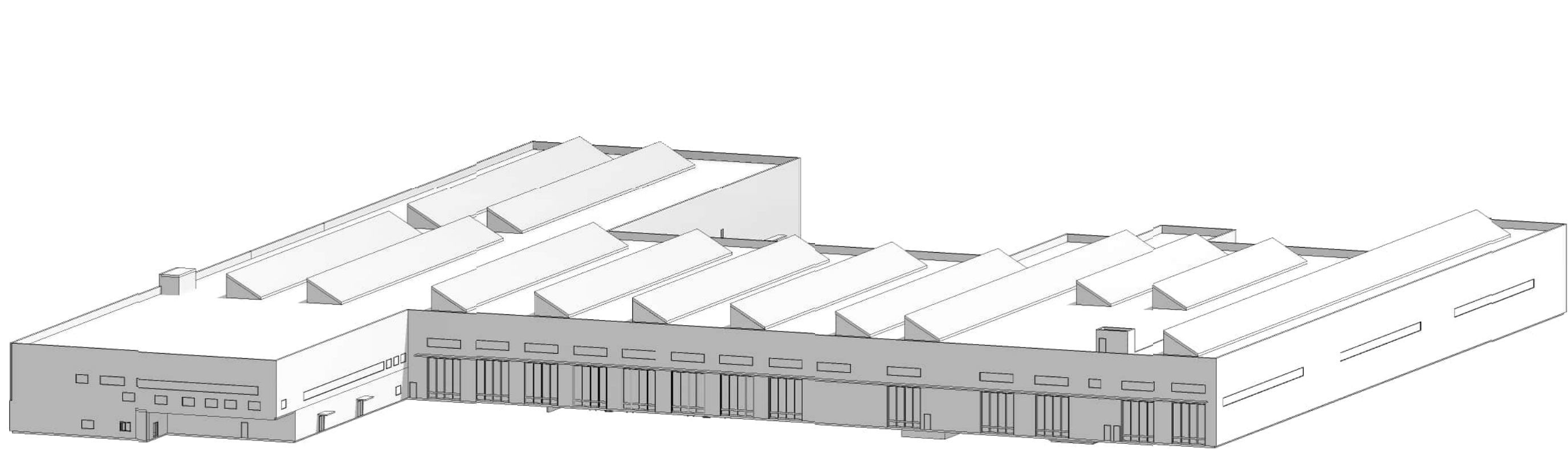
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CONTRACT No.:  
AE-0030-17  
SUBMITTAL DATE:  
02/27/2024

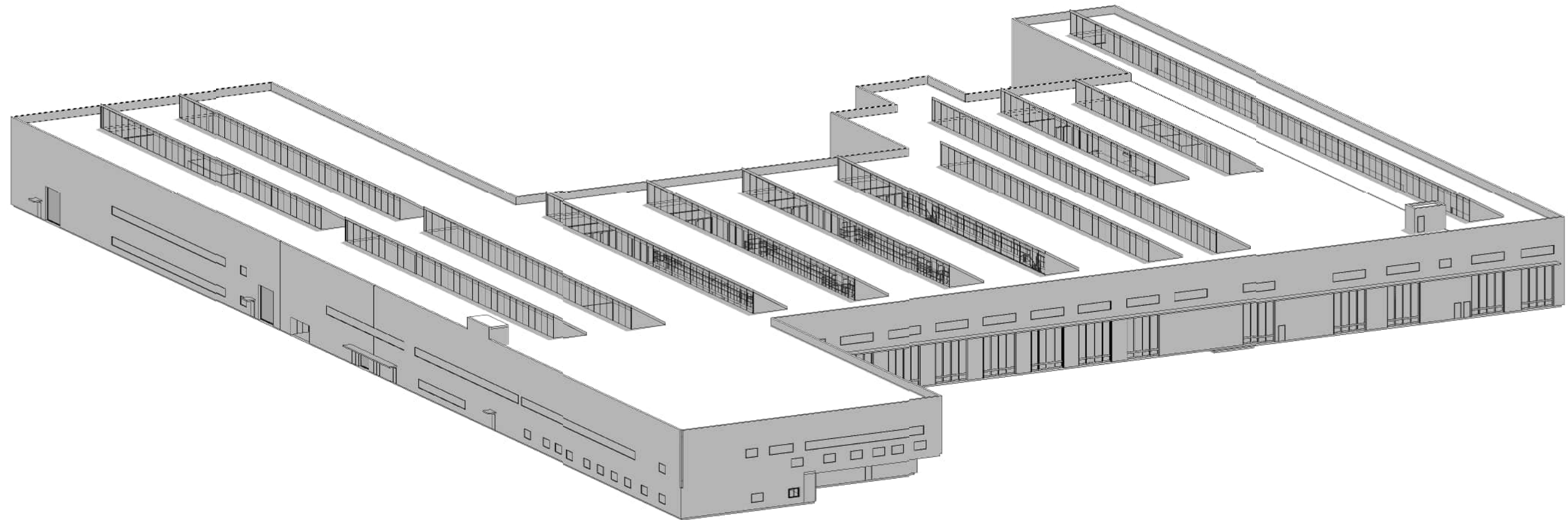
**SOUND TRANSIT**  
**OPERATIONS & MAINTENANCE FACILITY SOUTH**  
PRELIMINARY ENGINEERING  
  
ARCHITECTURAL SECTIONS  
OMF SECTIONS

DRAWING No.:  
**M08-ASX005**  
FACILITY ID:  
M08  
SHEET No.:  
REV:

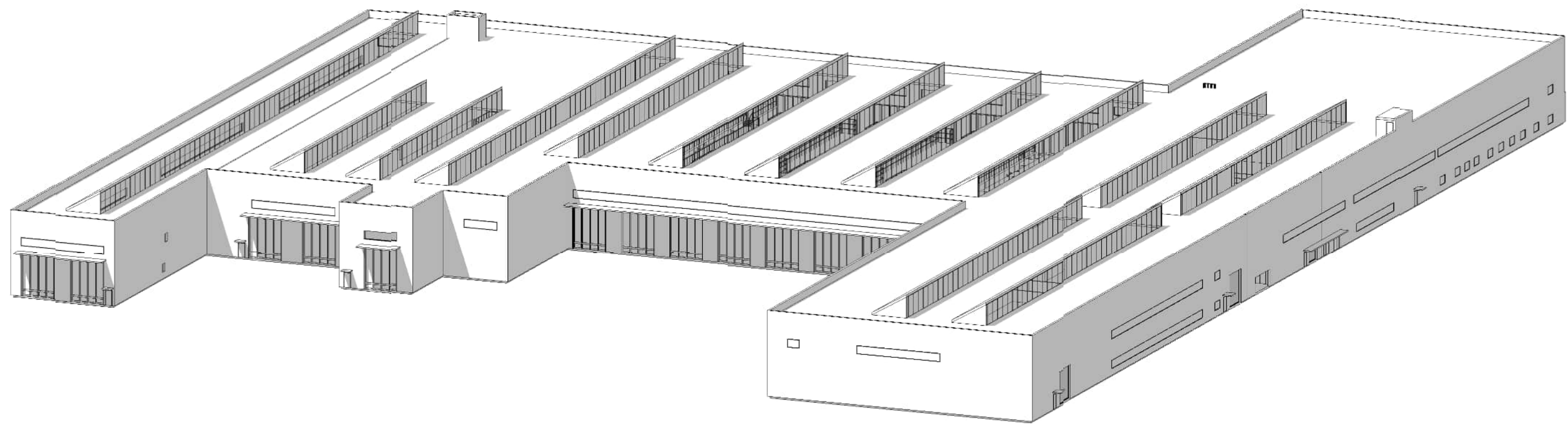




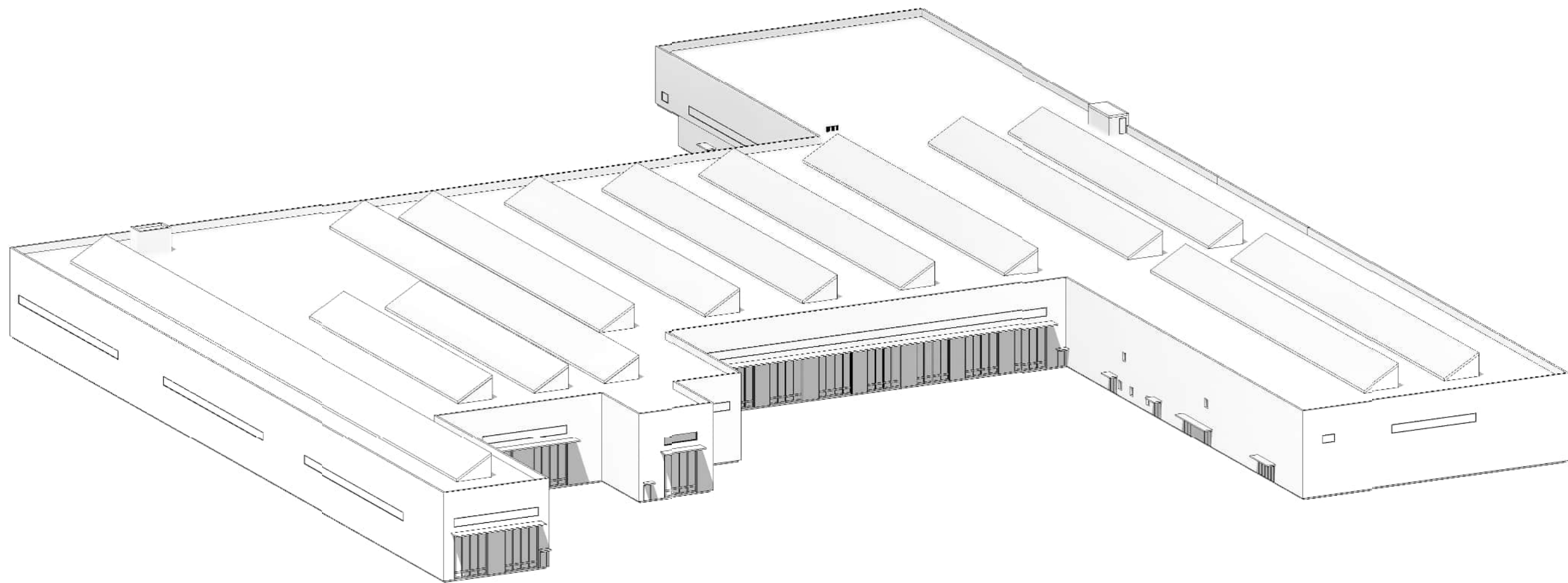
1 OMF MASSING - LOOKING NE FROM SW CORNER



2 OMF MASSING - LOOKING SE FROM NW CORNER



3 OMF MASSING - LOOKING SW FROM SE CORNER




4 OMF MASSING - LOOKING NW FROM SE CORNER

NOT FOR  
CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

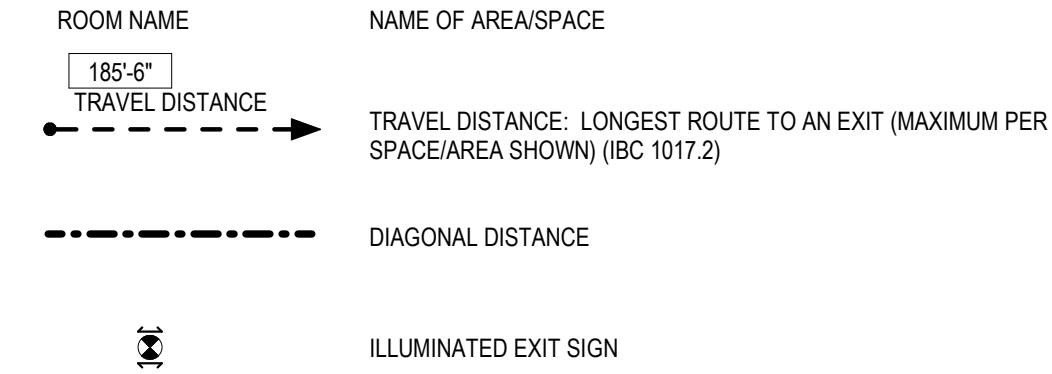
REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #					
DESIGNED BY: CHAN CHEANG	<div><div>3849</div><div>REGISTERED ARCHITECT</div><div>CHAN LAM CHEANG STATE OF WASHINGTON</div></div>	<div>HDR</div>		<div>LINE IS 1" AT FULL SCALE</div>	<div><div></div><div>SOUNDTRANSIT</div></div>		SCALE:	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div> <div>ARCHITECTURAL MASSING VIEWS</div> <div>OMF MASSING VIEWS</div>		DRAWING No.: <b>M08-AMP001</b>
DRAWN BY: STEPHANIE GREEN							FILENAME: OMFS-M08-A-V2022.RVT			FACILITY ID: M08
CHECKED BY: DONN HOGAN							CONTRACT No.: AE-0030-17			SHEET No:      REV:
APPROVED BY: SHEENA ZIMMERMAN							SUBMITTAL DATE: 02/27/2024			
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:					



LIFE SAFETY LEGEND

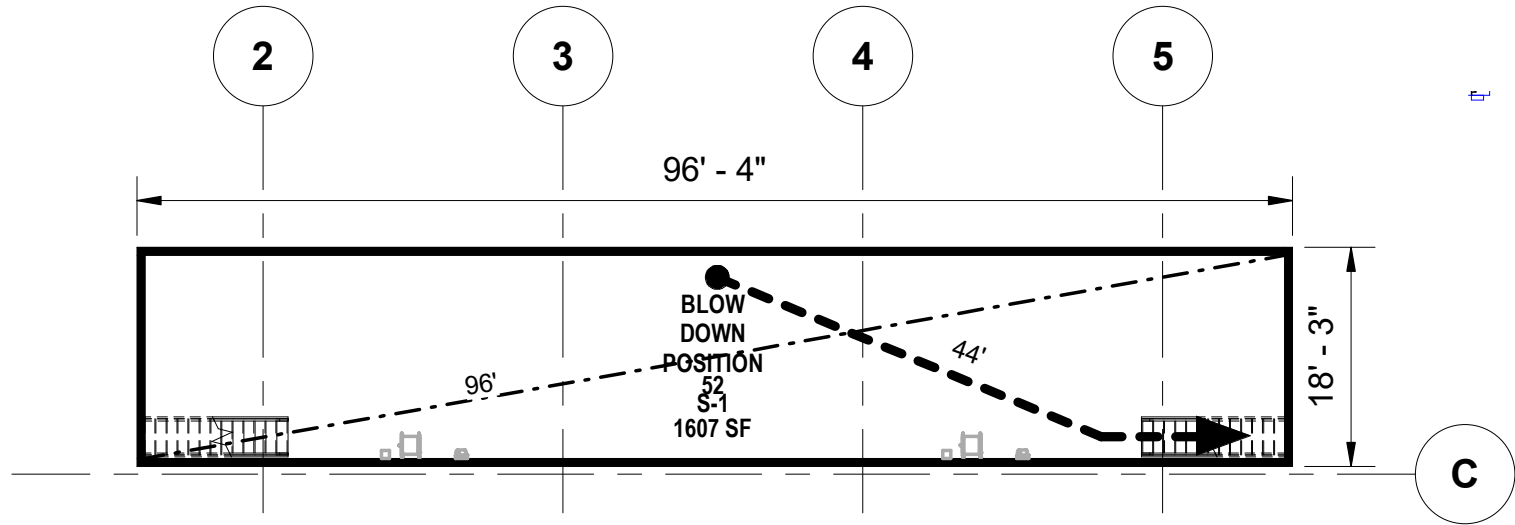


- NOTE:
- COMMON PATH: DISTANCE TRAVELED BEFORE AN EXIT PATH IS CHOSEN (MAXIMUM PER SPACE/ AREA SHOWN) (IBC 1006.2)
  - FIRE EXTINGUISHER & CABINET RECESSED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))
  - FIRE EXTINGUISHER SURFACE MOUNTED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))

OCCUPANCY CLASSIFICATION SCHEDULE - LEVEL 1 AREAS

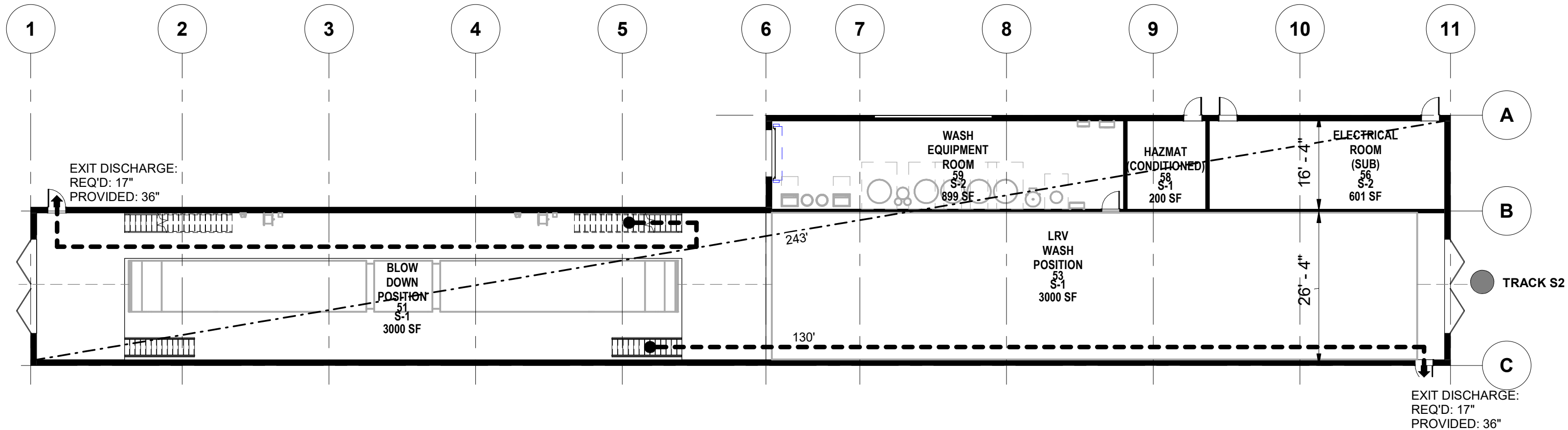
Number	Name	Area	Occupancy
--------	------	------	-----------

<b>B</b>			
57	ULWS PLATFORM	576 SF	B
<b>S-1</b>			
58	HAZMAT (CONDITIONED)	200 SF	S-1
52	BLOW DOWN POSITION	1607 SF	S-1
51	BLOW DOWN POSITION	3000 SF	S-1
53	LRV WASH POSITION	3000 SF	S-1
<b>S-2</b>			
56	ELECTRICAL ROOM (SUB)	601 SF	S-2
59	WASH EQUIPMENT ROOM	899 SF	S-2
Grand total: 7		9883 SF	



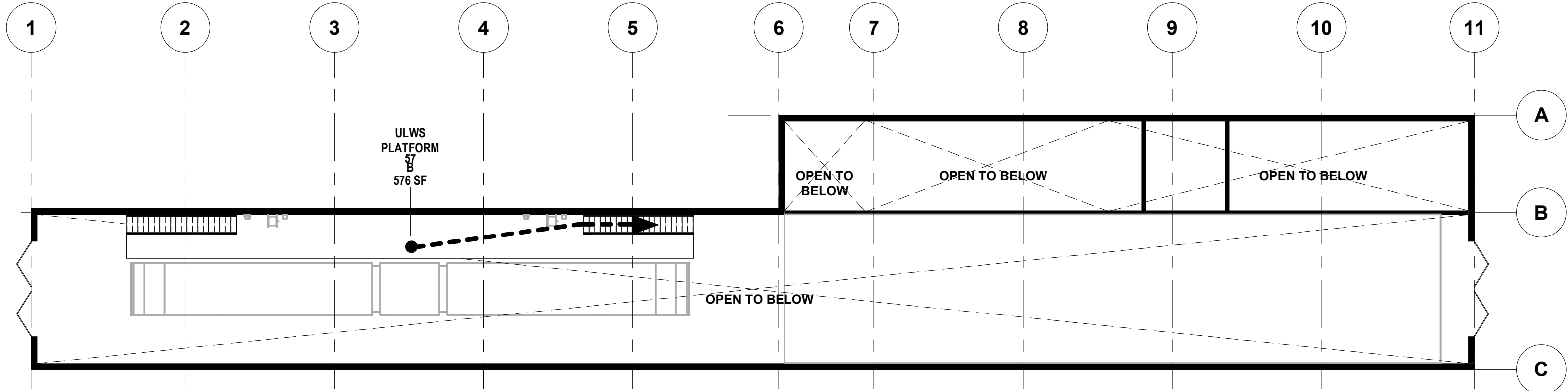
LIFE SAFETY - LOWER LEVEL

SCALE: 1/16" = 1'-0"



LIFE SAFETY - LEVEL 1

SCALE: 1/16" = 1'-0"




LIFE SAFETY - ULWS

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

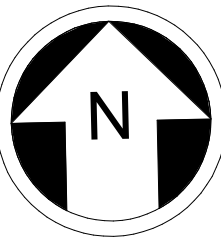
REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #	
DESIGNED BY: CHAN CHEANG	<div><div>3849</div><div>REGISTERED ARCHITECT</div><div>CHAN LAM CHEANG STATE OF WASHINGTON</div></div>	<div><div>HDR</div><div>LINE IS 1" AT FULL SCALE</div></div>			<div><div></div><div>SOUNDTRANSIT</div></div>	SCALE: AS NOTED
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M08W-A-V22.RVT
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTED BY: PABLO LOPEZ-HILFIKER

CODE REVIEW

Chapter	Section	Description	BLOWDOWN
Chapter 3: Use and Occupancy Classification	311.2	Moderate-hazard storage, Group S-1- Motor vehicle repair garages complying with the maximum allowable quantities of hazardous materials listed in Table 307.1	S-1
Chapter 5: Building Height and Area	Table 504.3	Allowable Building Height in Feet Above Grade Plane. Group B & S-1 for Type IIA, Sprinklered	75 feet
	Table 504.4	Allowable number of stories above grade plane. Proposed building story	4 1
	505.2.1	Mezzanine Area limitation. The aggregate area of a mezzanine or mazzanines within a room shall be not greater than one-third of the floor area of that room or space in which they are located. Ratio at 0.08	2,654
	Table 506.2	Allowable Area Factor (S1 per table) Proposed Building Area at B occupancy Proposed Building Area at S-1 occupancy Proposed Building Area at S-2 occupancy Proposed Building Area (Total)	70,000 576 7,807 1,500 9,883
	Section 508.4.2	Allowable building area - In each story, the building area shall be such that the sum of the ratios of the actual building area of each separated occupancy divided by the allowable building area of each separated occupancy shall not exceed 1.	0.21
Chapter 6: Types of Construction	Section 602.5	Types I and II construction are those types of construction in which the building elements listed in Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code.	II B
	Table 601	Fire-resistance rating requirement for building elements in hours: Primary structural frame Bearing walls Exterior Bearing walls Interior Nonbearing walls and partitions exterior Nonbearing walls and partitions interior Floor construction and associated secondary members Roof construction and associated secondary members (Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.)	0 0 0 see Table 602 0 0 1
	Table 602	Fire resistance rating requirements for exterior walls based on fire separation distance, Type IIB: X > 30	0
Chapter 7: Fire and Smoke Protection Feature	Table 705.8	Maximum area of exterior wall openings base on fire separation distance and degree of opening protection, 20 to less than 25 feet with sprinklered and unprotected members.	No Limit



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REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG

DRAWN BY:  
STEPHANIE GREEN

CHECKED BY:  
DONN HOGAN

APPROVED BY:  
SHEENA ZIMMERMAN

3849  
REGISTERED  
ARCHITECT

CHAN LAM CHEANG  
STATE OF WASHINGTON

HDR


SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

LINE IS 1" AT  
FULL SCALE

PACKAGE #



SCALE:  
1/8" = 1'-0"

FILENAME:  
OMFS-M08W-A-V22.RVT

CONTRACT No.:  
AE-0030-17

DATE:  
SUBMITTAL DATE:  
02/27/2024

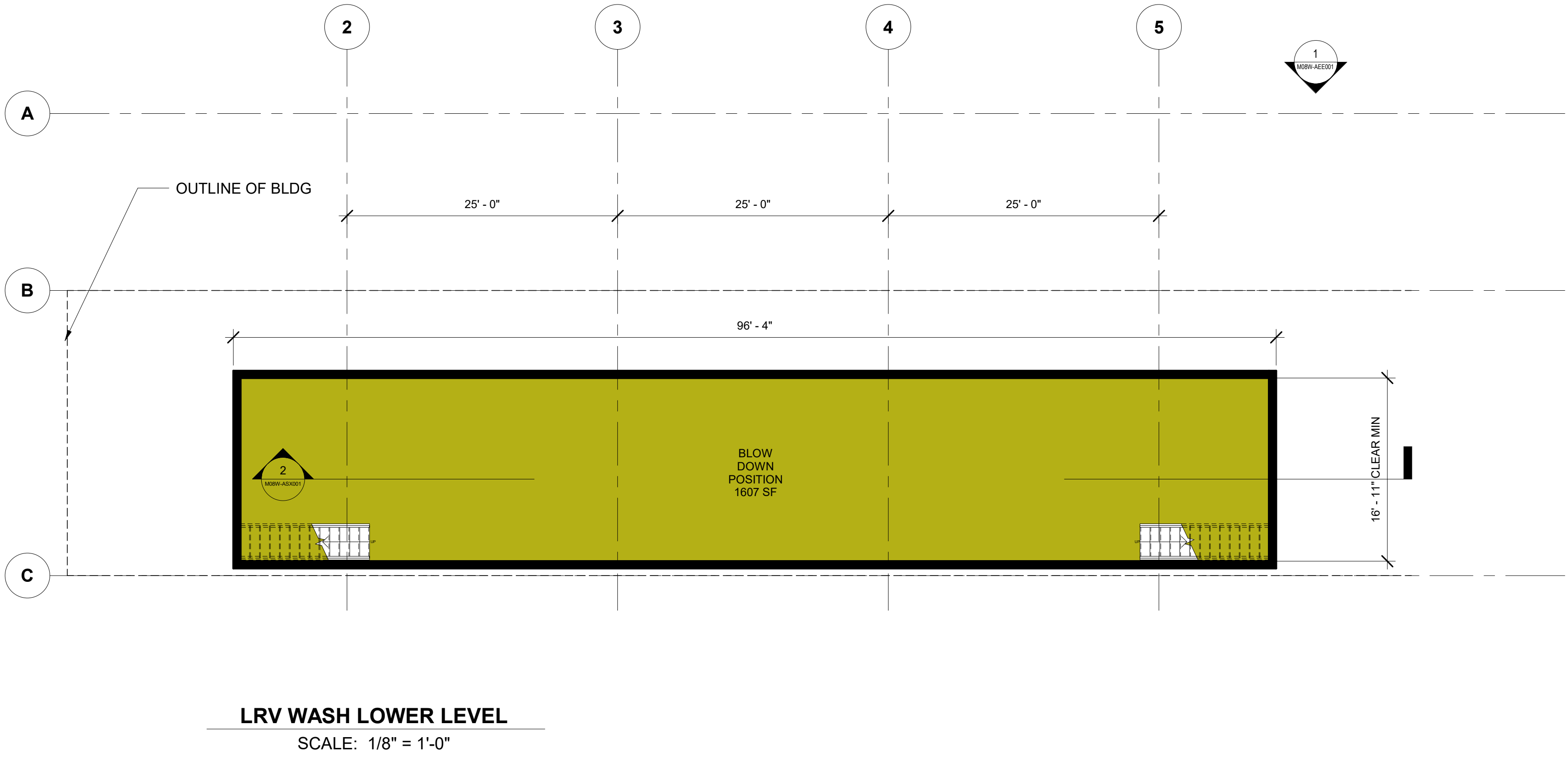
SOUND TRANSIT  
OPERATIONS & MAINTENANCE FACILITY SOUTH  
PRELIMINARY ENGINEERING

ARCHITECTURAL FLOOR PLAN  
LRV WASH - LOWER LEVEL

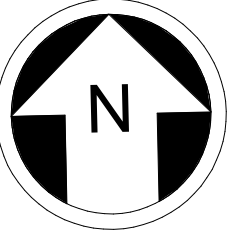
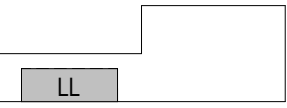
DRAWING No.:  
M08W-APP001

FACILITY ID:  
M08W

SHEET No:      REV:

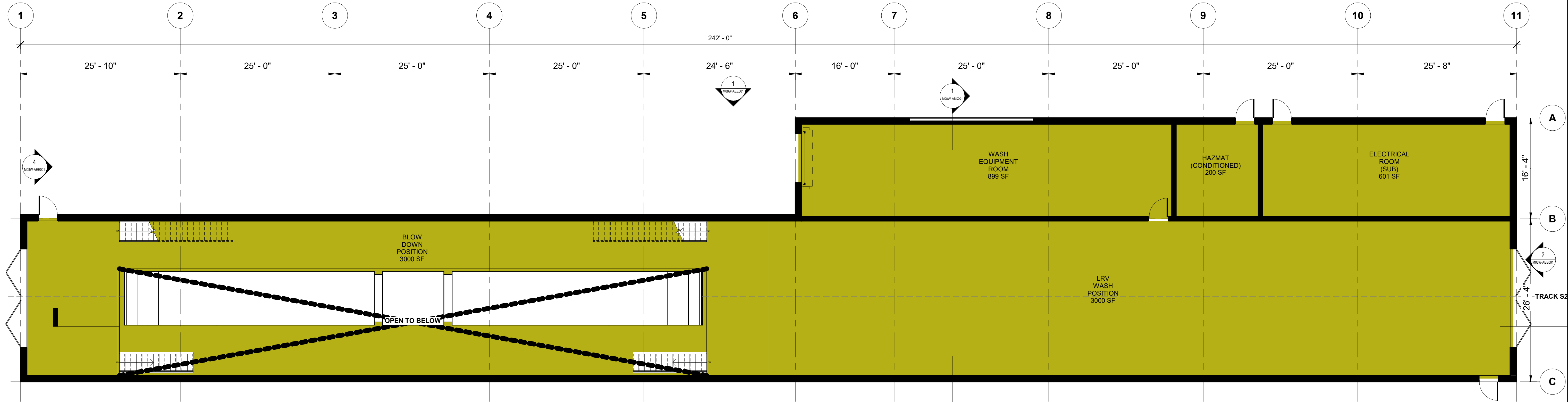


KEY PLAN - M08W



NOT FOR  
CONSTRUCTION





COLOR LEGEND



LRV SERVICE AREAS

MO8W - FLOOR PLAN LEVEL 1  
SCALE: 1/8" = 1'-0"

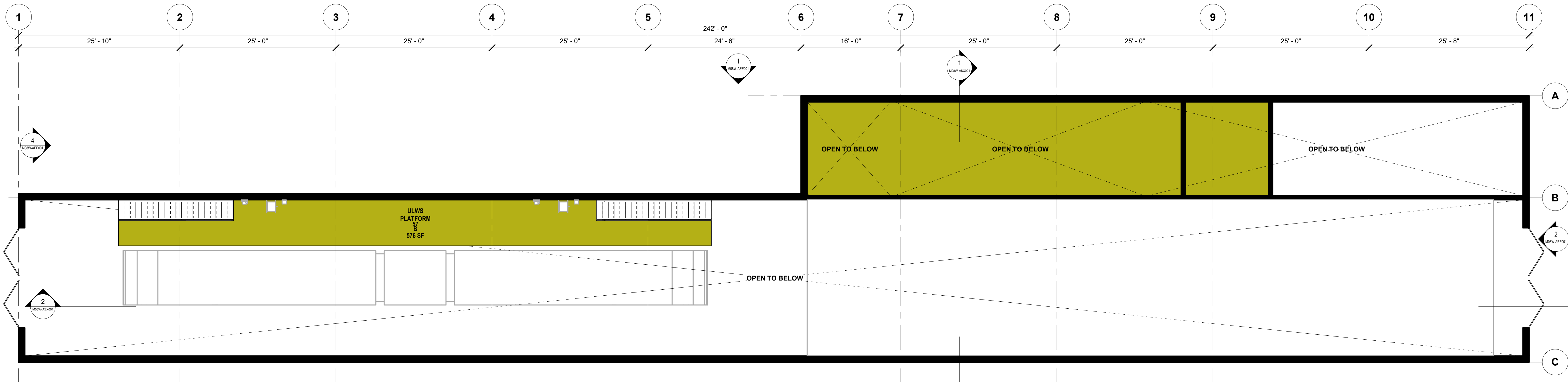
Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #						
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>			<div>LINE IS 1" AT FULL SCALE</div>	 SOUNDTRANSIT	SCALE: 1/8" = 1'-0"	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING  ARCHITECTURAL FLOOR PLAN LRV WASH - LEVEL 1</div>			DRAWING No.: M08W-APP101	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M08W-A-V22.RVT				FACILITY ID: M08W	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17				SHEET No:      REV:	
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024					
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:						

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M08W - ULWS FLOOR PLAN

SCALE: 1/8" = 1'-0"

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #						
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>			<div>LINE IS "T" AT FULL SCALE</div>	<div> SOUNDTRANSIT</div>	SCALE: 1/8" = 1'-0"	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div>		DRAWING No.: M08W-APP201	
DRAWN BY: STEPHANIE GREEN							FILENAME: OMFS-M08W-A-V22.RVT			FACILITY ID: M08W	
CHECKED BY: DONN HOGAN							CONTRACT No.: AE-0030-17			SHEET No:	REV:
APPROVED BY: SHEENA ZIMMERMAN							SUBMITTAL DATE: 02/27/2024			ARCHITECTURAL FLOOR PLAN	LRV WASH - PLATFORM PLAN
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024		REVIEWED BY:		DATE:					




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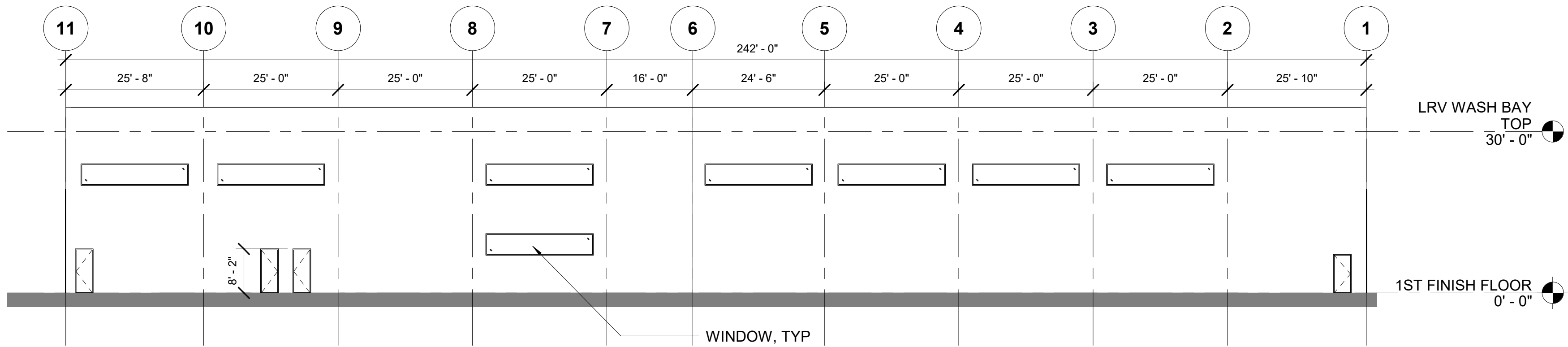
Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

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DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>		<div>LINE IS 1" AT FULL SCALE</div>	<div> SOUNDTRANSIT</div>		<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING  ARCHITECTURAL ELEVATIONS LRV WASH ELEVATIONS</div>		DRAWING No.: M08W-AEE001				
DRAWN BY: STEPHANIE GREEN									FACILITY ID: M08W				
CHECKED BY: DONN HOGAN									SHEET No:		REV:		
APPROVED BY: SHEENA ZIMMERMAN													
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024			REVIEWED BY:		DATE:		SUBMITTAL DATE: 02/27/2024				

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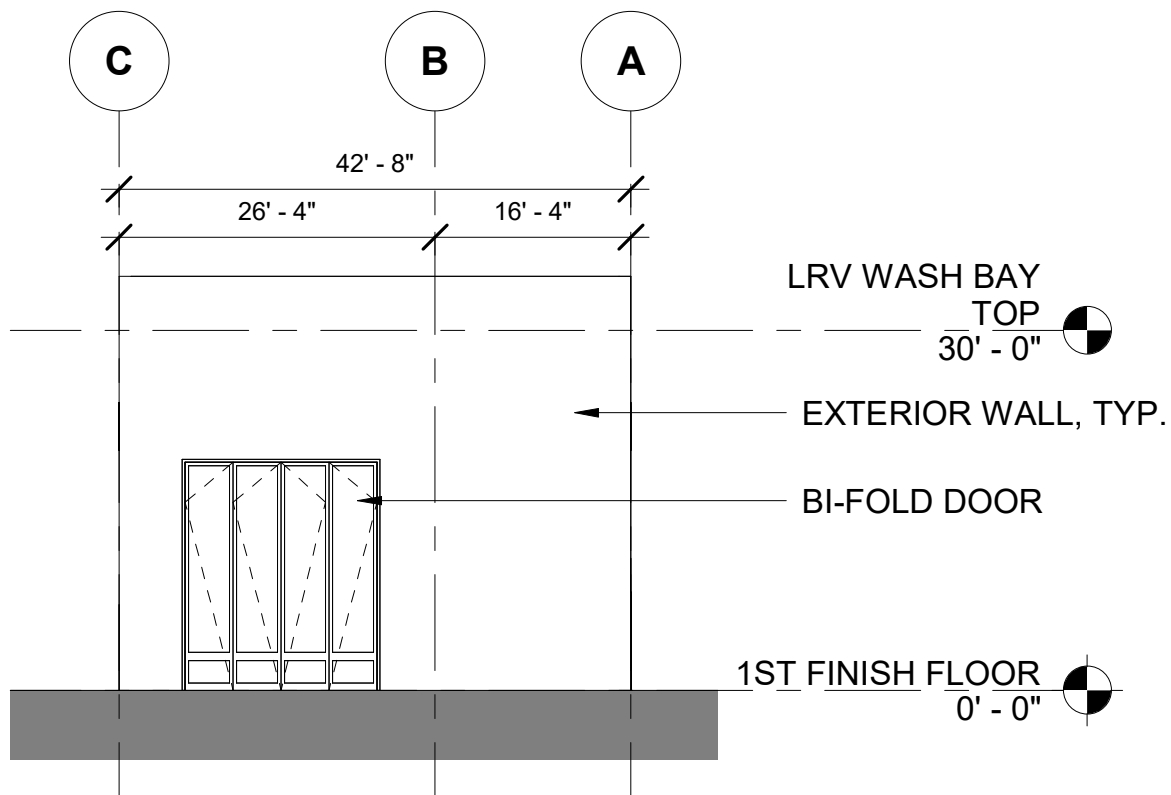


NORTH ELEVATION

SCALE: 1/16" = 1'-0"

1

M08W-APP001

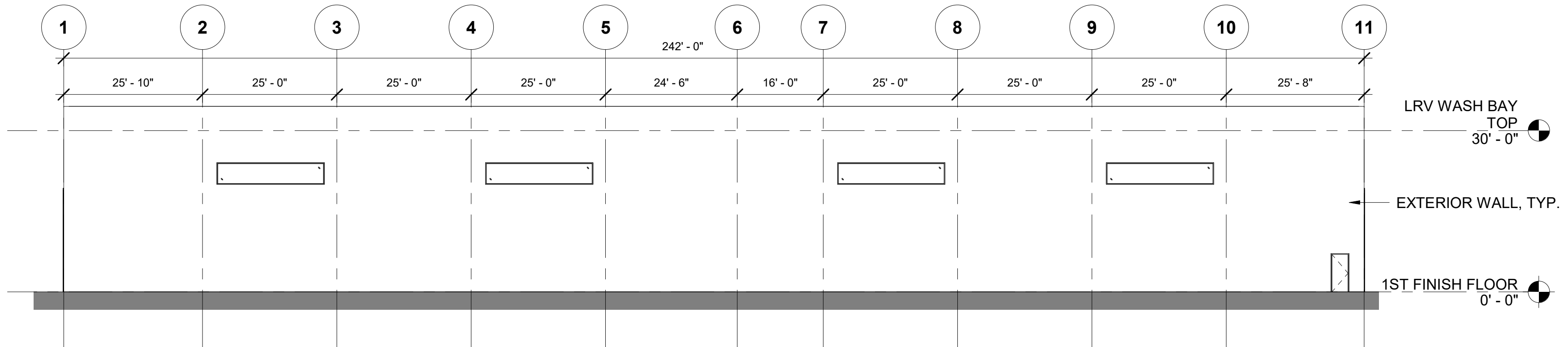


EAST ELEVATION

SCALE: 1/16" = 1'-0"

2

M08W-APP101

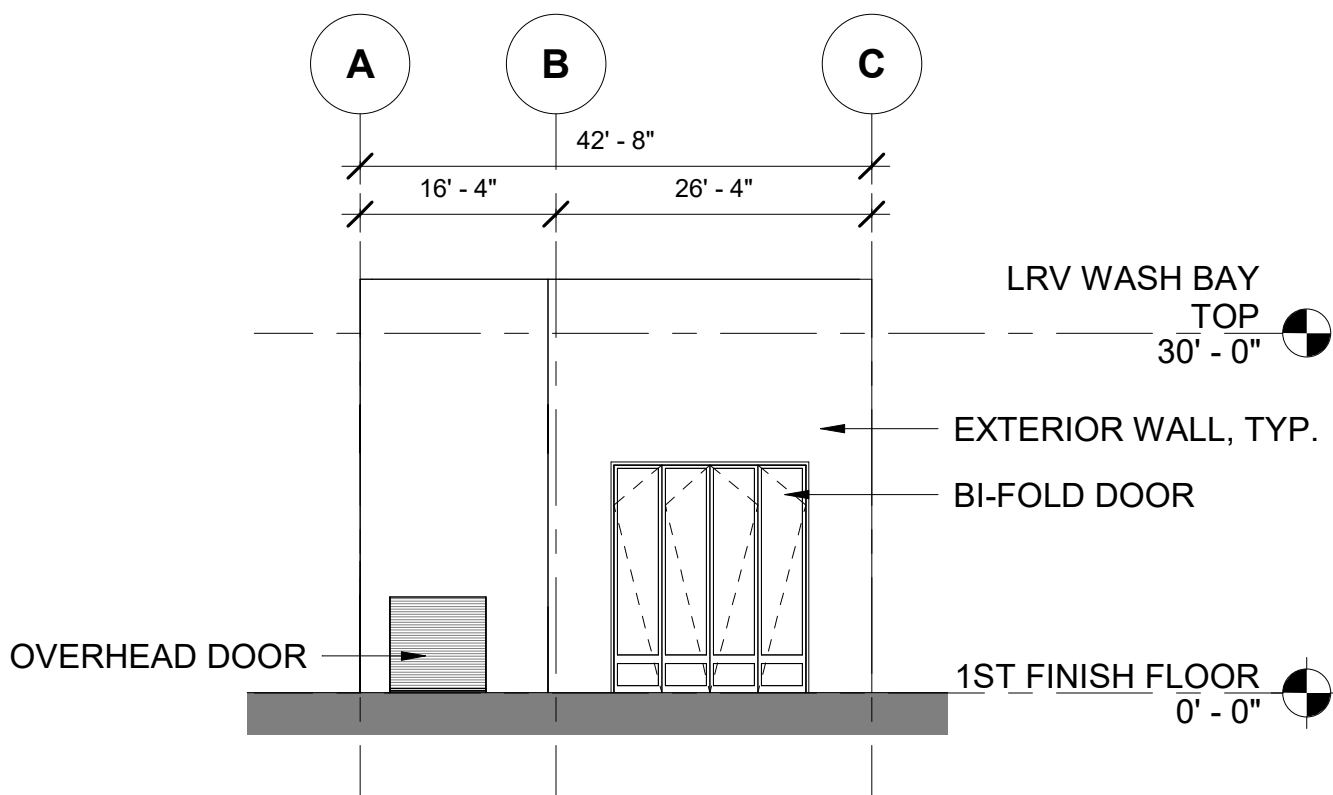


SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

3

M08W-APP101



WEST ELEVATION

SCALE: 1/16" = 1'-0"

4


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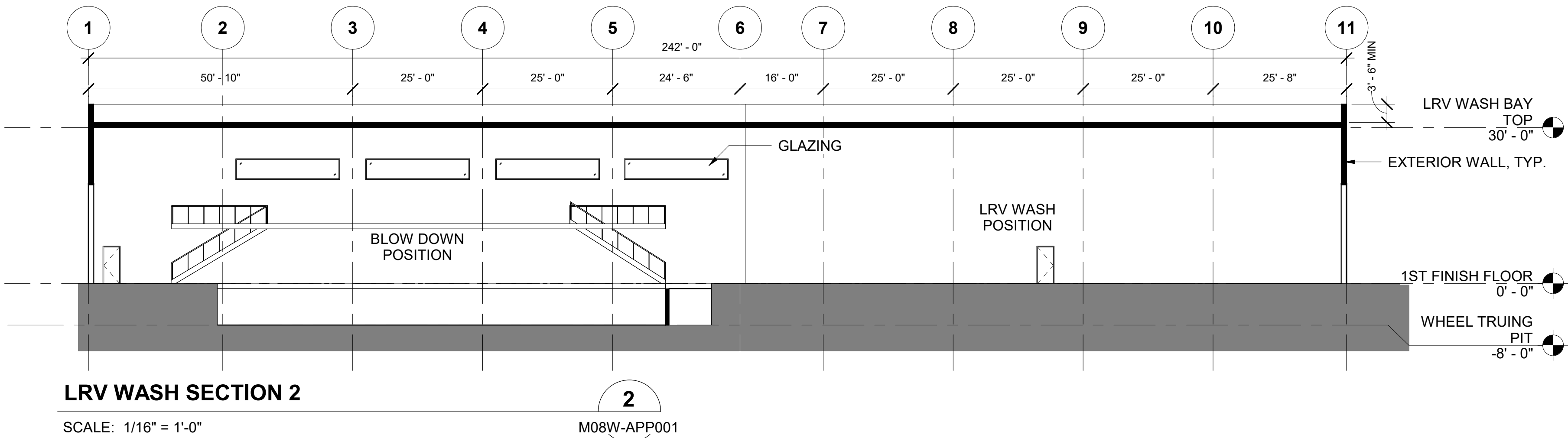
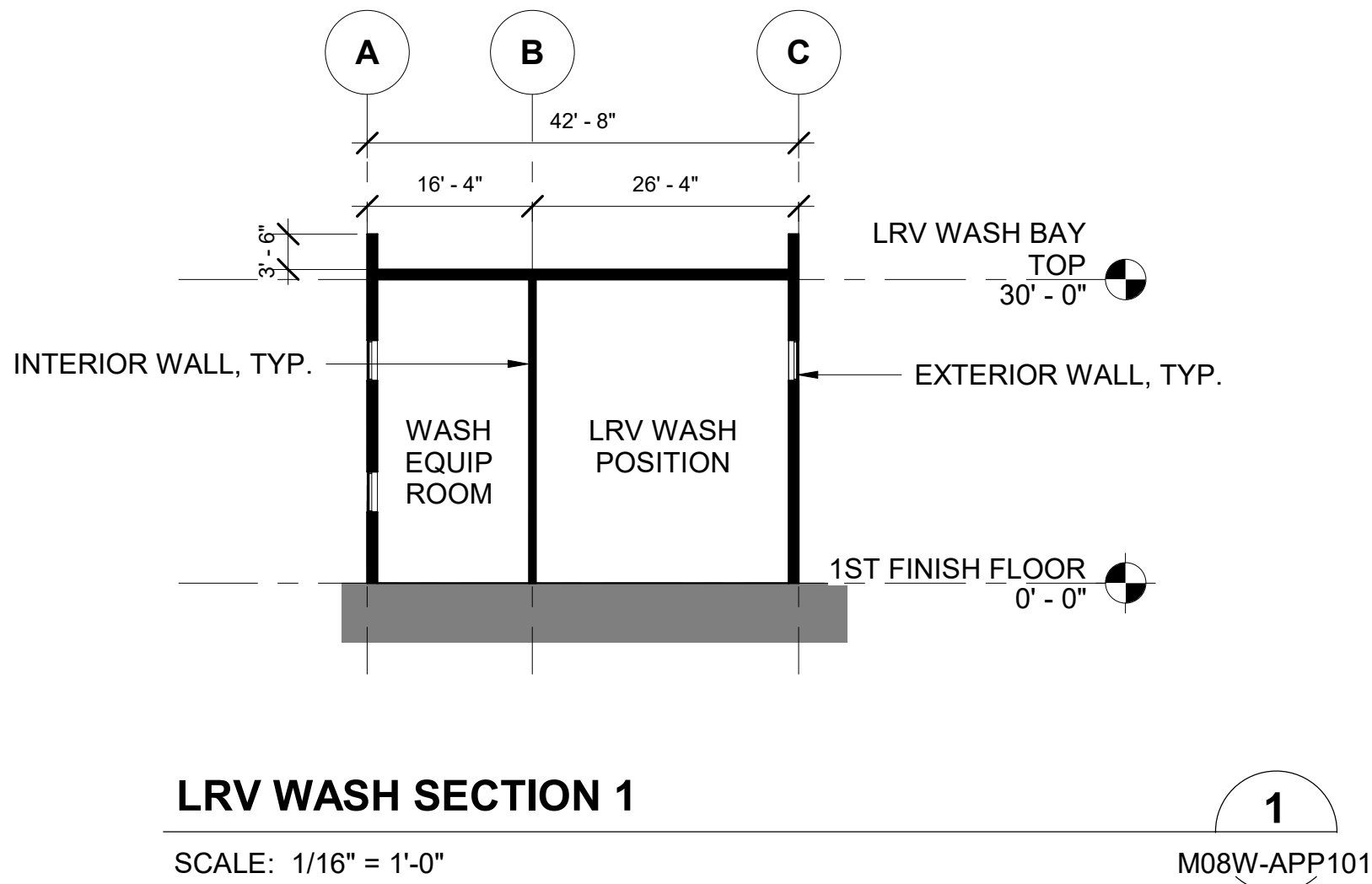
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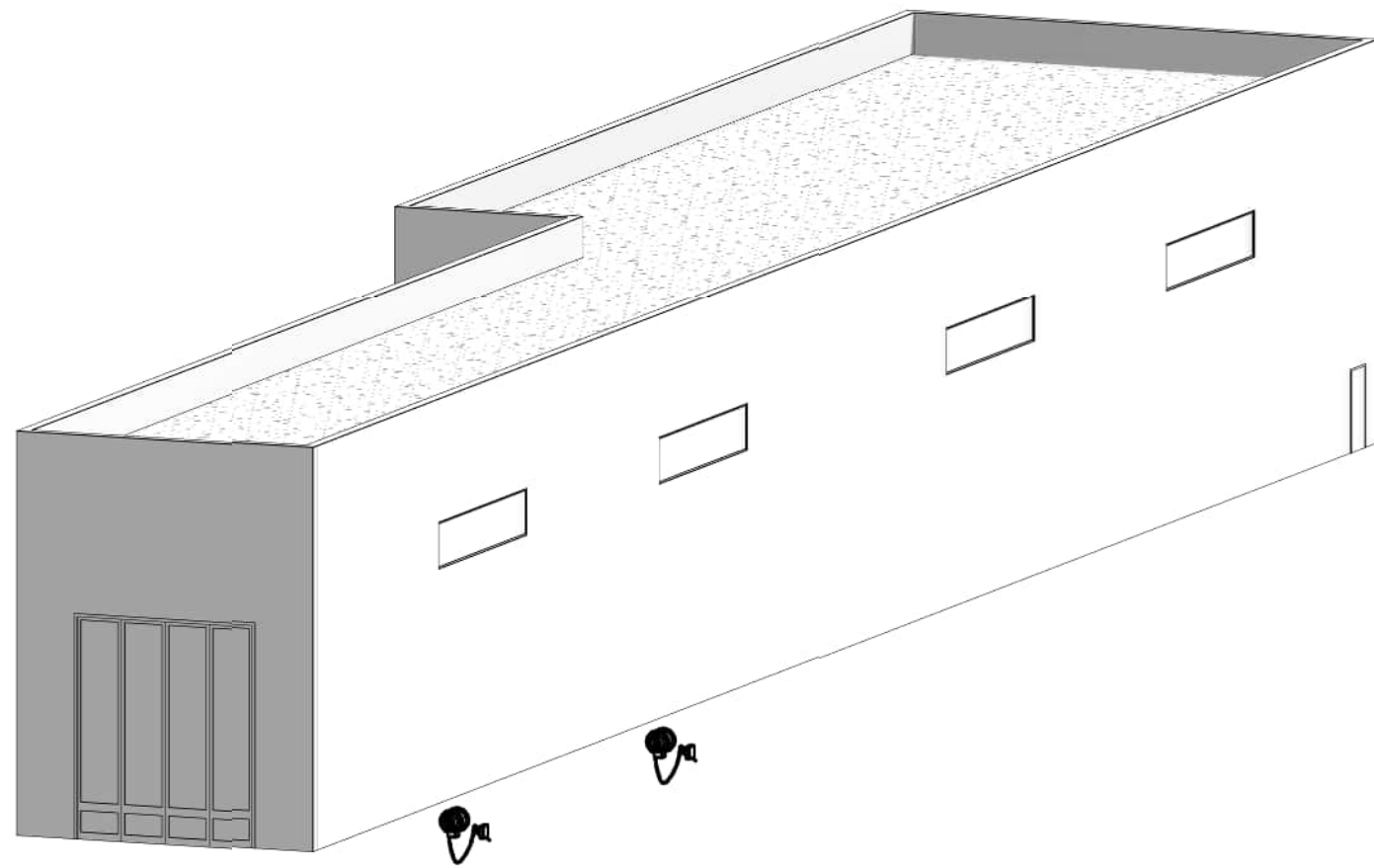
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DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>	LINE IS 1" AT FULL SCALE	<div> SOUNDTRANSIT</div>	SCALE:	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div>  <div>ARCHITECTURAL SECTIONS LRV WASH - SECTIONS</div>	DRAWING No.: M08W-ASX001		
DRAWN BY: STEPHANIE GREEN					FILENAME: OMFS-M08W-A-V22.RVT		FACILITY ID: M08W		
CHECKED BY: DONN HOGAN					CONTRACT No.: AE-0030-17		SHEET No:	REV:	
APPROVED BY: SHEENA ZIMMERMAN					SUBMITTAL DATE: 02/27/2024				
SUBMITTED BY: PABLO LOPEZ-HILFIKER			DATE: 2/27/2024	REVIEWED BY:		DATE:			

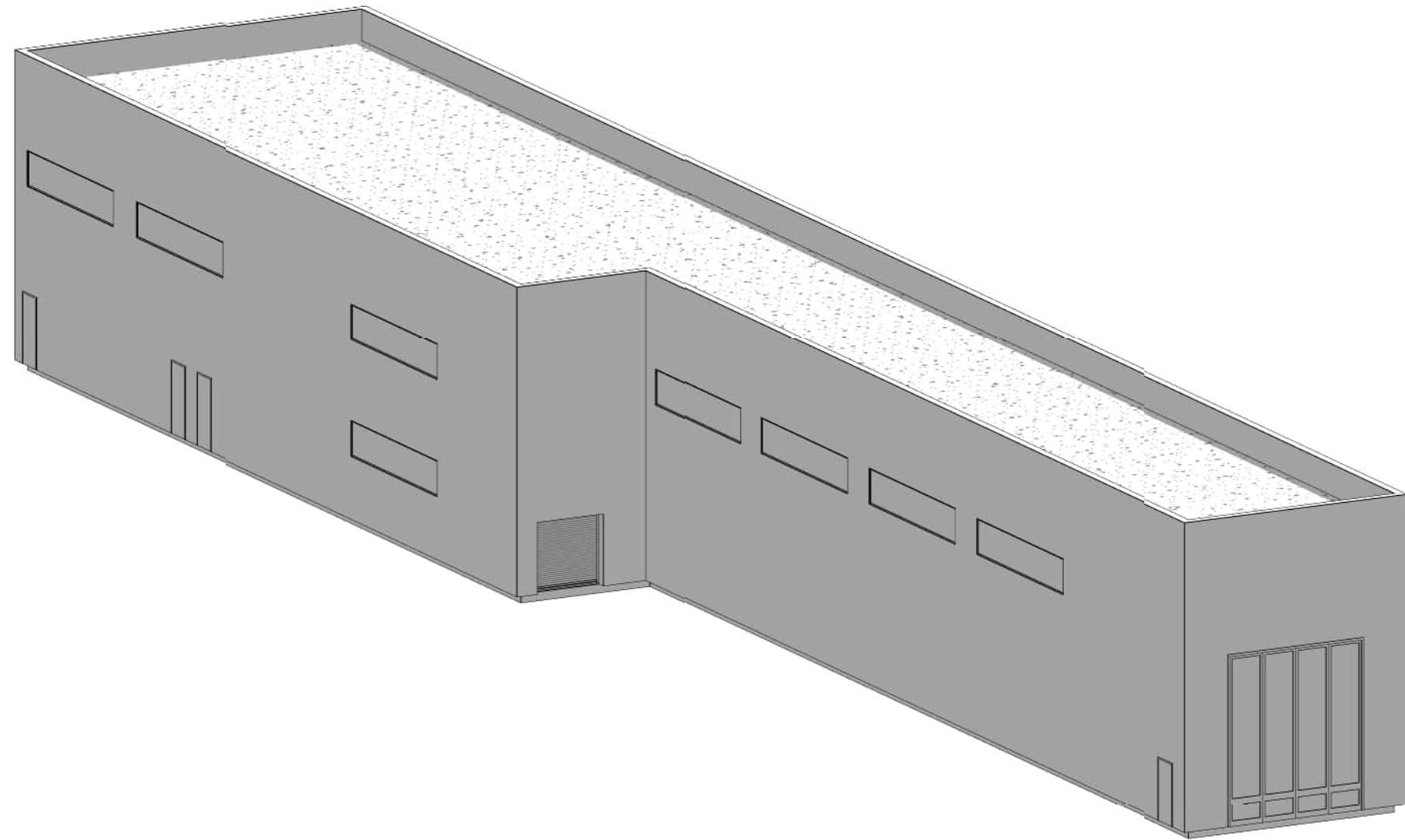
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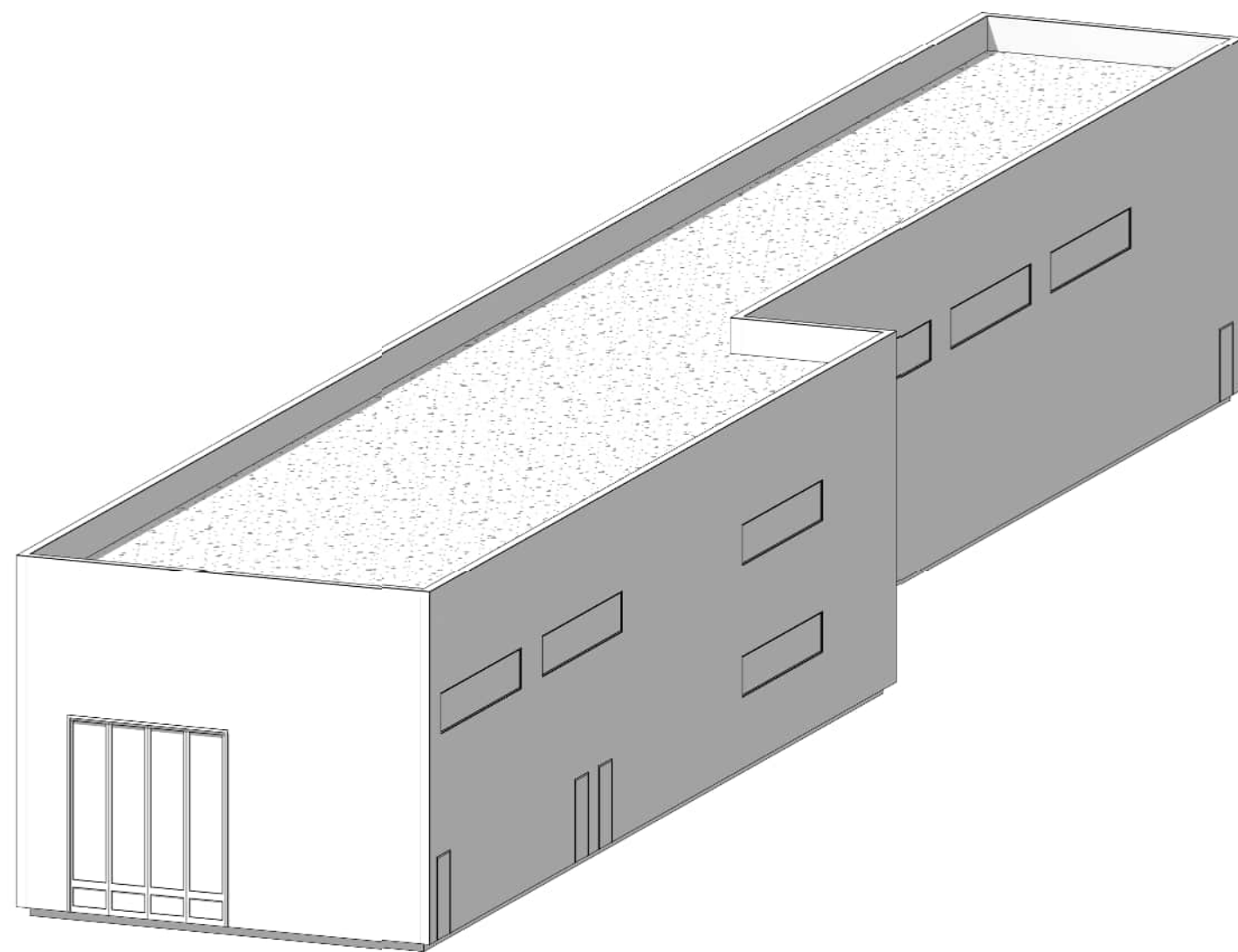




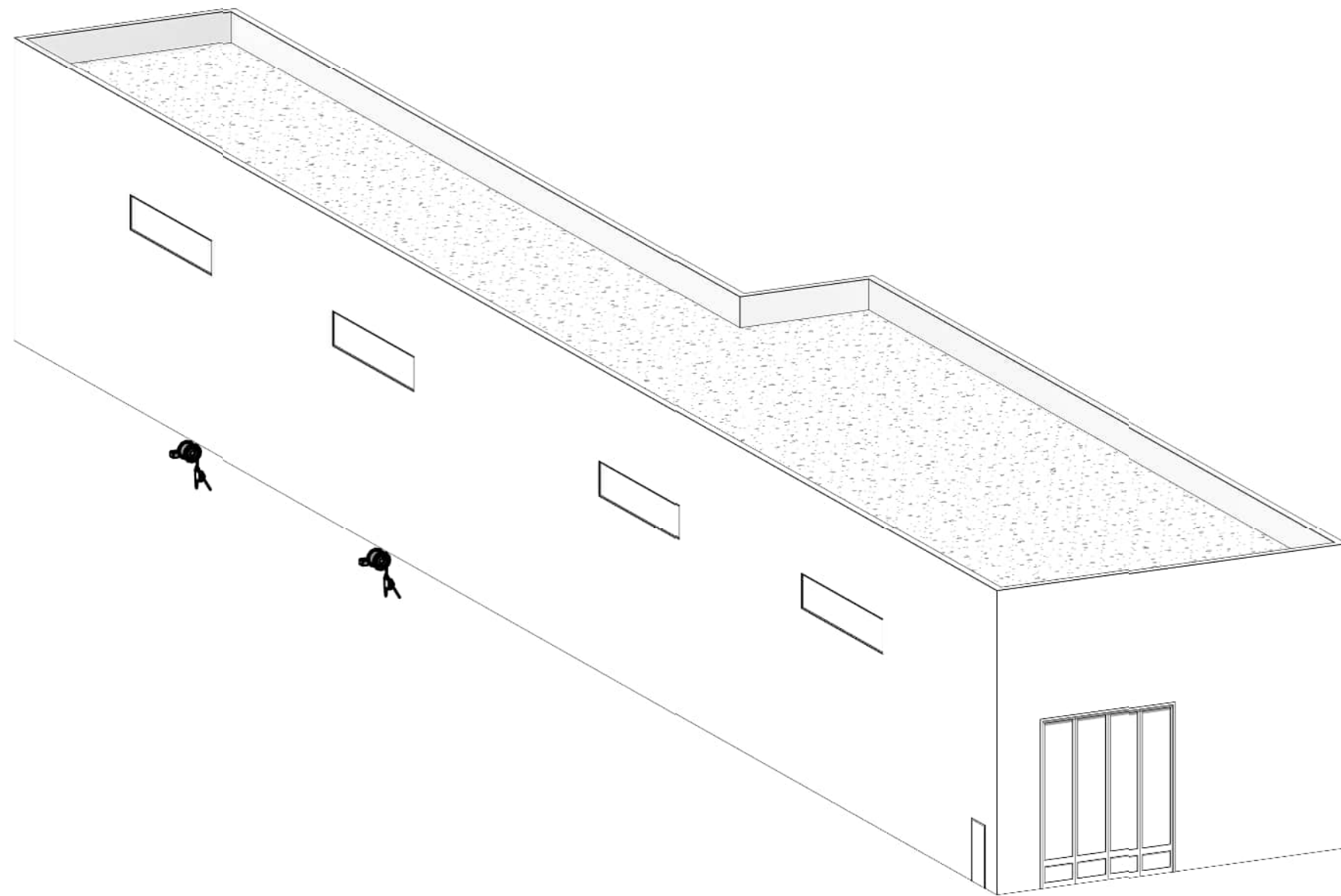
① LRV WASH MASSING - LOOKING NE FROM SW CORNER



② LRV WASH MASSING -



③ LRV WASH MASSING - LOOKING SW FROM NE CORNER




④ LRV WASH MASSING - LOOKING NW FROM SE CORNER

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DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M08W-A-V22.RVT			FACILITY ID: <b>M08W</b>	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17			SHEET No:	REV:
APPROVED BY: SHEENA ZIMMERMAN										
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	SUBMITTAL DATE: 02/27/2024				

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APPROVED BY: SHEENA ZIMMERMAN				
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:	

OCCUPANCY CLASSIFICATION SCHEDULE - LEVEL 1 AREAS		
Name	Area	Occupancy
FACILITIES TRADES SHOP - OVERHEAD	2203 SF	
B	2203 SF	
RAIL TRACTION POWER LINE CREW CHIEF	212 SF	B
RAIL FACILITIES CHIEF	425 SF	B
FACILITY SPECIALIST	314 SF	B
FACILITIES AREA MANAGER	150 SF	B
FACILITIES AREA MANAGER	150 SF	B
FACILITIES AREA MANAGER	150 SF	B
HOTELING OFFICE	120 SF	B
TRANSIT SUPERINTENDENT - RAIL FACILITIES MAINTENANCE	120 SF	B
RAIL TRACK ROW CHIEF	143 SF	B
RAIL FACILITIES CHIEF (POWER)	146 SF	B
RAIL FACILITIES SUPERINTENDENT	120 SF	B
MOW TECHNICAL TRAINER	222 SF	B
FACILITIES TRAINING ROOM	557 SF	B
WOMEN'S RR	129 SF	B
MEN'S RR	172 SF	B
KITCHENETTE	158 SF	B
MEDIA ROOM (COPY/FILE/PRINT)	216 SF	B
FILE STORAGE ROOM	217 SF	B
CONFERENCE ROOM	253 SF	B
BREAK/ LUNCH/ CREW ROOM	595 SF	B
KITCHEN/ VENDING AREA	121 SF	B
WOMEN'S RR'S/SHOWERS	350 SF	B
MEN'S RR'S/SHOWERS	453 SF	B
FACILITIES COORDINATOR	30 SF	B
MEN'S LOCKERS	1115 SF	B
(2) HOTELING WKSTATIONS	122 SF	B
FACILITIES MAINTENANCE SUPERVISOR	96 SF	B
FACILITIES MANAGER	129 SF	B
RAIN GEAR STORAGE	150 SF	B
RAIN GEAR STORAGE	54 SF	B
RAIN GEAR STORAGE	104 SF	B
SINK STATION	115 SF	B
COMPRESSOR/LUBE ROOM	486 SF	B
WOMEN'S LOCKERS	136 SF	B
FLEX LOCKERS	331 SF	B
TRAINING STORAGE	500 SF	B
RAIL TRACK & SIGNAL SUPERINTENDENT	115 SF	B
RAIL TRACTION POWER CHIEF	150 SF	B
GENDER NEUTRAL RESTROOM	108 SF	B
MAINTENANCE SCHEDULER/ PLANNER	64 SF	B
RAIL ELECTRICAL WORKER- APPRENTICE	54 SF	B
TASS- II WAY, POWER & SIGNALS	52 SF	B
RAIL SIGNALS & COMM CHIEF	139 SF	B
TASS-II FACILITIES	70 SF	B
CHAIR/ TABLE STOR.	153 SF	B
TRAINING SUPERINTENDENT	119 SF	B
FACILITIES TECHNICAL TRAINER	124 SF	B
CHAIR/ TABLE STOR.	57 SF	B
MOW TRAINING ROOM	1002 SF	B
	11161 SF	
S-1		
HIGH BAY SERVICE AREA	5002 SF	S-1
IT/DATA ROOM	288 SF	S-1
BATTERY TEST	211 SF	S-1
CUSTODIAL	113 SF	S-1
CUSTODIAL AND GARDENER SHOP	2187 SF	S-1
SIGNALS SHOP	2187 SF	S-1
POWER SHOP	2189 SF	S-1
TRACK SHOP	2187 SF	S-1
PAINT SHOP/ STORAGE	1219 SF	S-1
STOCK ROOM	6065 SF	S-1
FACILITIES SHOP	2187 SF	S-1
NRV BAY	1093 SF	S-1
NRV BAY	1093 SF	S-1
NRV SHOP/ STORAGE	954 SF	S-1
COMMON WORK AREA	422 SF	S-1
FACILITIES TRADES SHOP	2203 SF	S-1
NRV BAY	1093 SF	S-1
NRV BAY	1093 SF	S-1
	31786 SF	
S-2		
SPRINKLER VALVE ROOM	67 SF	S-2
ELECTRICAL ROOM	547 SF	S-2
MECHANICAL ROOM	1091 SF	S-2
	1705 SF	

CODE REVIEW

2.2.1 Table - MOW Building Code Analysis (M09)  
MOW  
2021 IBC

Chapter	Section	Description	MOW (site B)
Chapter 3: Use and Occupancy Classification	304.1	Business Group B - Offices, Training Rooms, Conference Rooms, Locker rooms, Administrative spaces, Exercise rooms, Media rooms.	B
	311.2	Moderate-hazard storage, Group S-1- Motor vehicle repair garages complying with the maximum allowable quantities of hazardous materials listed in Table 307.1	S-1
	311.3	Low-hazard storage, Group S-2 Buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons with or without single thickness divisions; or in paper wrappings.	S-2
Chapter 5: Building Height and Area	Table 504.3	Allowable Building Height in Feet Above Grade Plane. Group A-2, B, S-1 & S-2 for Type IB, Sprinklered	85 feet
	Table 504.4	Allowable number of stories above grade plane for Type IB.	6 (B) 5 (S-1)
		Proposed building story	1
	Table 506.2	Allowable Area Factor (\$1 per table)	150,000 (B) 104,000 (S-1)
	Section 506.2.4	Multiple-occupancy, multistory buildings, with nonseparated occupancy approach. Aa=[At + (NS x If)]xSa Equation 5-1. Aa = Allowable area At=Tabular allowable area factor NS=Tabular allowable area factor for a nonsprinklered building If=Area factor increase due to frontage at 506.3 B (NS)=UL (IB) S-1 (NS)=48,000 (IB)	Aa= 178,125 (B) 123,500 (S-1)
	Section 506.3	Frontage increase. W=(L1 X w1 + L2 x w2 ....) Equation 5-4 W= Calculated width of public way or open space Ln=Length of a portion of the exterior perimeter wall F=Building perimeter that fronts on a public way or open space having a width of 20 feet or more. If=[F/p-0.25]W/30 Equation 5-5 p = Perimeter of entire building	If=0.75
	Section 508.3.2	Nonseparated occupancies based on restrictive S-1 allowable area Proposed Building Area at B occupancy Proposed Building Area at S-1 occupancy Proposed Building Area at S-2 occupancy Proposed Building Area (total)	123,500 11,383 31,858 1,895 45,136
	Section 508.3.3	Occupancy separation for Group S-1 from Group B	None
	Section 508.4.2	Allowable building area - In each story, the building area shall be such that the sum of the ratios of the actual building area of each separated occupancy divided by the allowable building area of each separated occupancy shall not exceed 1.	0.72
	Table 508.4	Required separation of occupancies between S-1 & B	None
	Chapter 6: Types of Construction	Section 602.2	Types I and II - Types I and II construction are those types of construction in which the building elements listed in Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code.
Table 601		Fire-resistance rating requirement for building elements in hours: Primary structural frame Bearing walls Exterior Bearing walls Interior Nonbearing walls and partitions exterior Nonbearing walls and partitions interior Floor construction and associated secondary members Roof construction and associated secondary members  (Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.)	1 1 1 see Table 602 0 1 1
Table 602		Fire resistance rating requirements for exterior walls based on fire separation distance, Type IIA X > 30 feet	0
Chapter 7: Fire and Smoke Protection Feature	Table 705.8	Exterior Wall: Maximum area of exterior wall openings base on fire separation distance and degree of opening protection, 20 to less than 25 feet with sprinklered and unprotected members.	No Limit

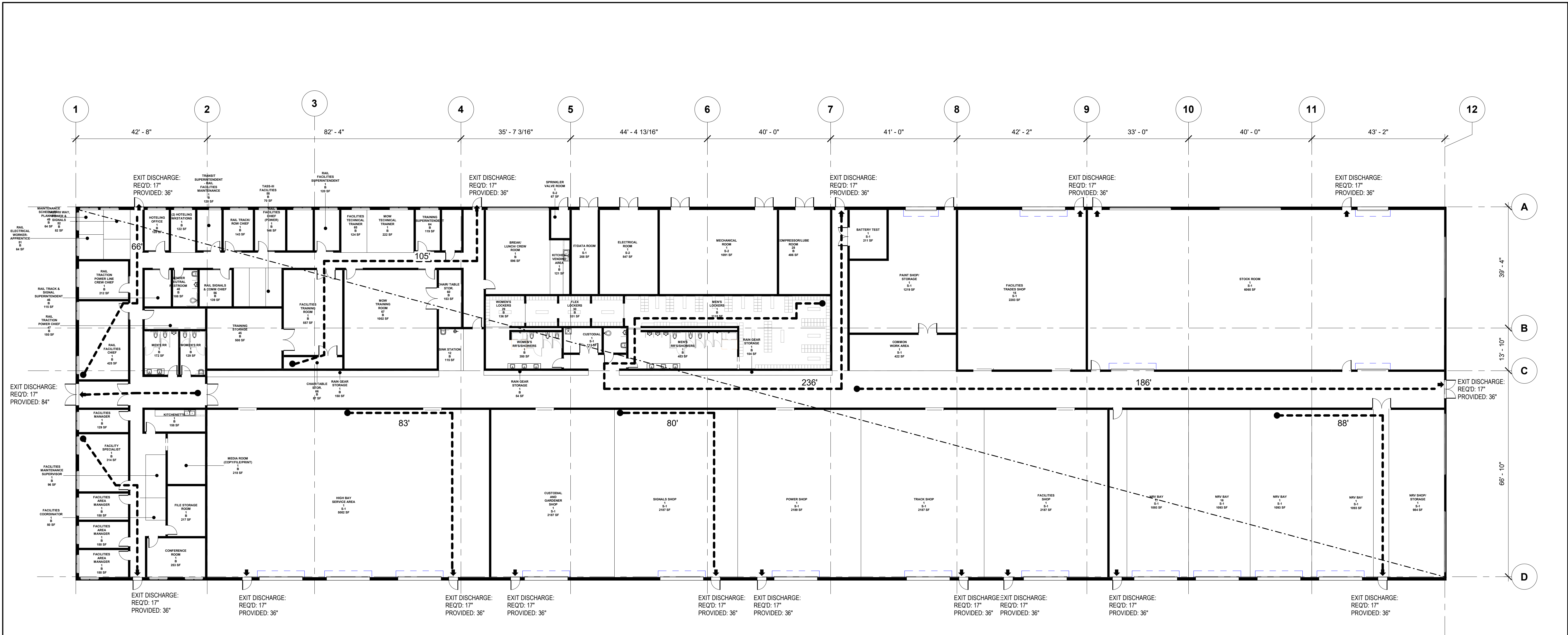
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SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING	
ARCHITECTURAL LIFE SAFETY MOW BUILDING OCCUPANCY CLASSIFICATION SCHEDULE	

DRAWING No.: <b>M09-AZN007</b>	
FACILITY ID: M09	
SHEET No:	REV:



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LIFE SAFETY PLAN  
SCALE: 1/16" = 1'-0"

LIFE SAFETY LEGEND

ROOM NAME

NAME OF AREA/SPACE

TRAVEL DISTANCE

TRAVEL DISTANCE: LONGEST ROUTE TO AN EXIT (MAXIMUM PER SPACE/AREA SHOWN) (IBC 1017.2)

DIAGONAL DISTANCE

DIAGONAL DISTANCE

ILLUMINATED EXIT SIGN

ILLUMINATED EXIT SIGN

NOTE:

1. COMMON PATH: DISTANCE TRAVELED BEFORE AN EXIT PATH IS CHOSEN (MAXIMUM PER SPACE/ AREA SHOWN) (IBC 1006.2)

2. FIRE EXTINGUISHER & CABINET RECESSED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))

3. FIRE EXTINGUISHER SURFACE MOUNTED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))

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REFERENCE CONCEPT DRAWINGS

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AHJ:

DESIGNED BY:  
CHAN CHEANG

DRAWN BY:  
STEPHANIE GREEN

CHECKED BY:  
DONN HOGAN

APPROVED BY:  
SHEENA ZIMMERMAN

3849 REGISTERED ARCHITECT

CHAN LAM CHEANG

STATE OF WASHINGTON

HR

SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE:  
As indicated

FILENAME:  
OMFS-M09-A-V2022.RVT

CONTRACT No.:  
AE-0030-17

SUBMITTAL DATE:  
02/27/2024

SOUND TRANSIT

OPERATIONS & MAINTENANCE FACILITY SOUTH

PRELIMINARY ENGINEERING

ARCHITECTURAL LIFE SAFETY

MOW BUILDING LIFE SAFETY PLAN - LEVEL 1

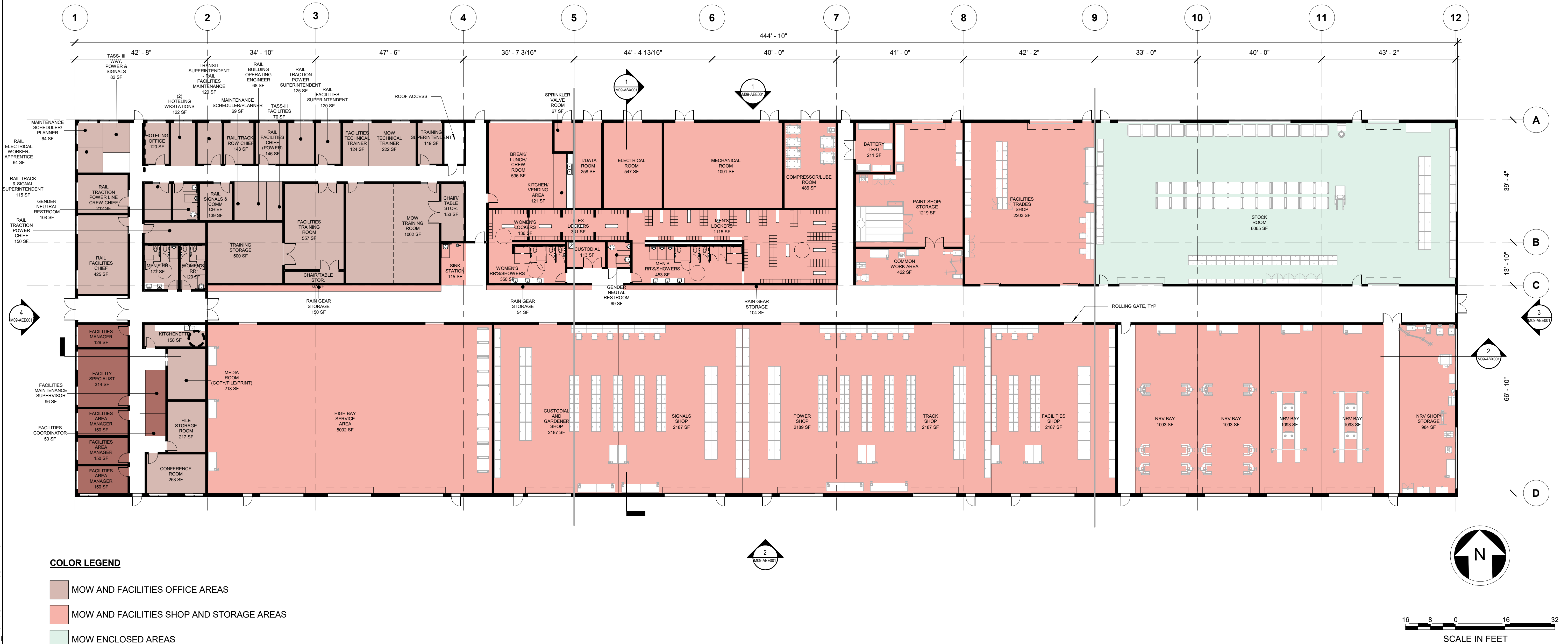
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FACILITY ID:  
M09

SHEET No:  
REV:

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KEY PLAN - M09

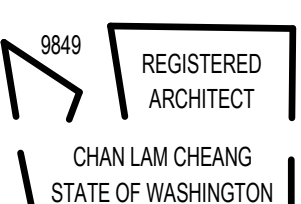



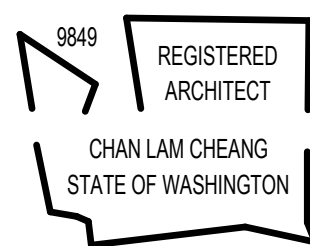
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CHECKED BY: DONN HOGAN				
APPROVED BY: SHEENA ZIMMERMAN				
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:	

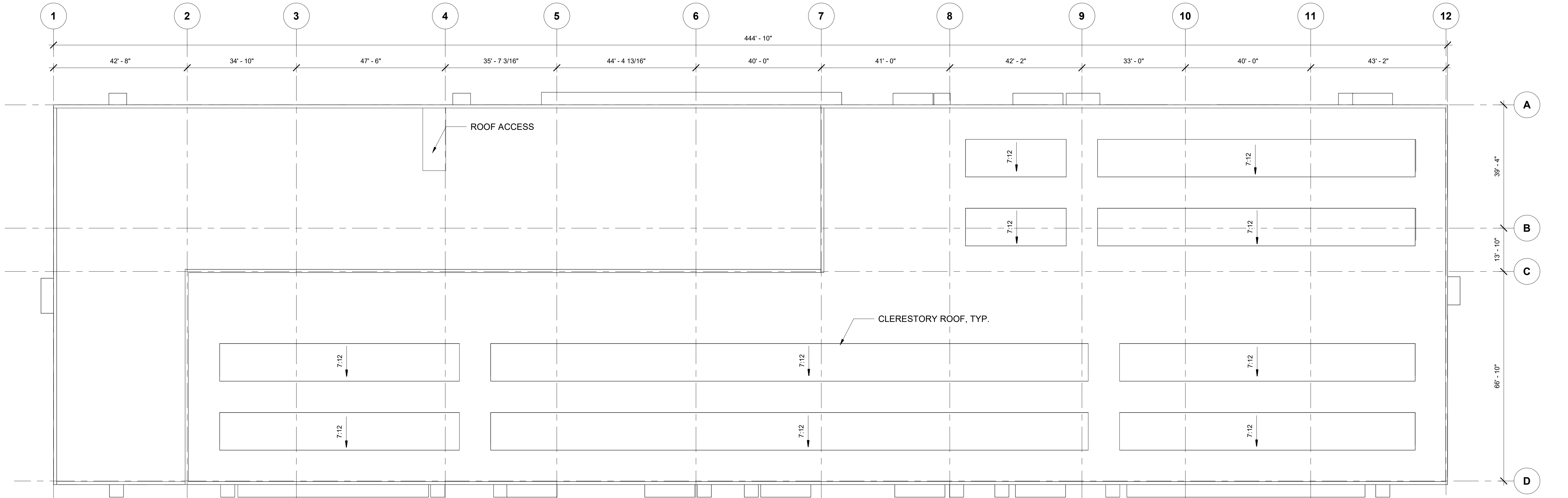


LINE IS 1" AT  
FULL SCALE

**SOUND TRANSIT**  
**OPERATIONS & MAINTENANCE FACILITY SOUTH**  
PRELIMINARY ENGINEERING  
  
ARCHITECTURAL FLOOR PLAN  
MOW BUILDING - LEVEL 1

DRAWING No.:  
**M09-APP101**  
FACILITY ID:  
M09  
SHEET No: REV:

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M09 - ROOF PLAN  
SCALE: 1/16" = 1'-0"

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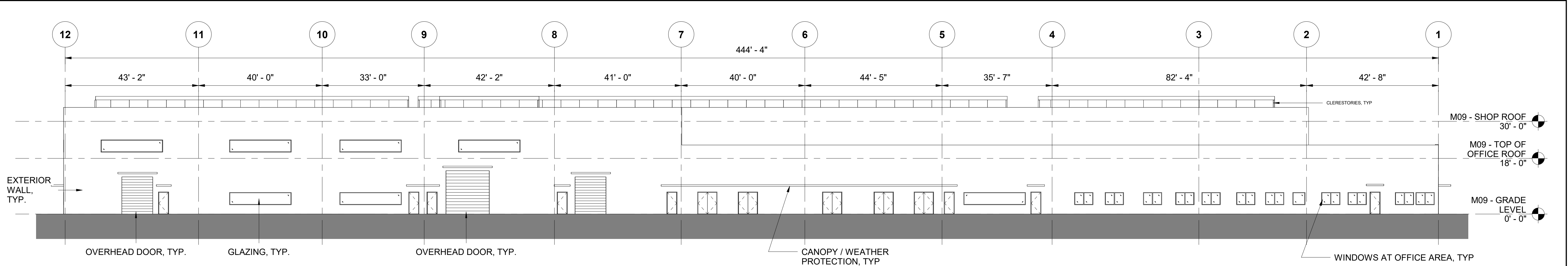
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DRAWN BY: STEPHANIE GREEN									FACILITY ID: M09	
CHECKED BY: DONN HOGAN									SHEET No:                      REV:	
APPROVED BY: SHEENA ZIMMERMAN										
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	SUBMITTAL DATE: 02/27/2024				

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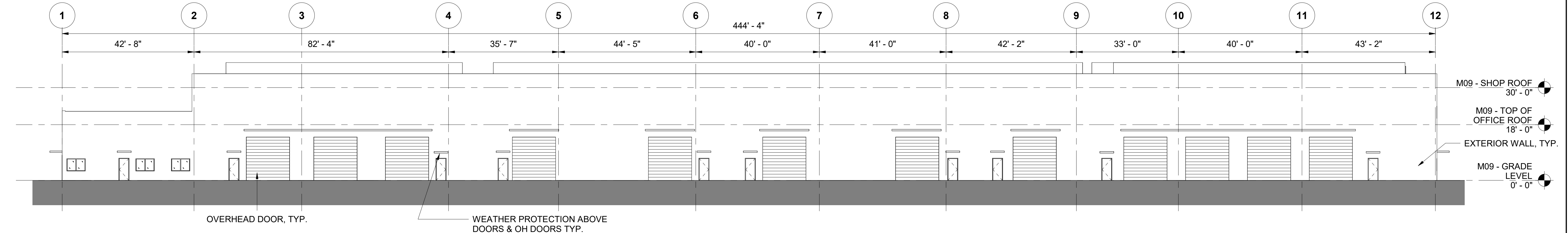
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**NORTH ELEVATION**

SCALE: 1/16" = 1'-0"

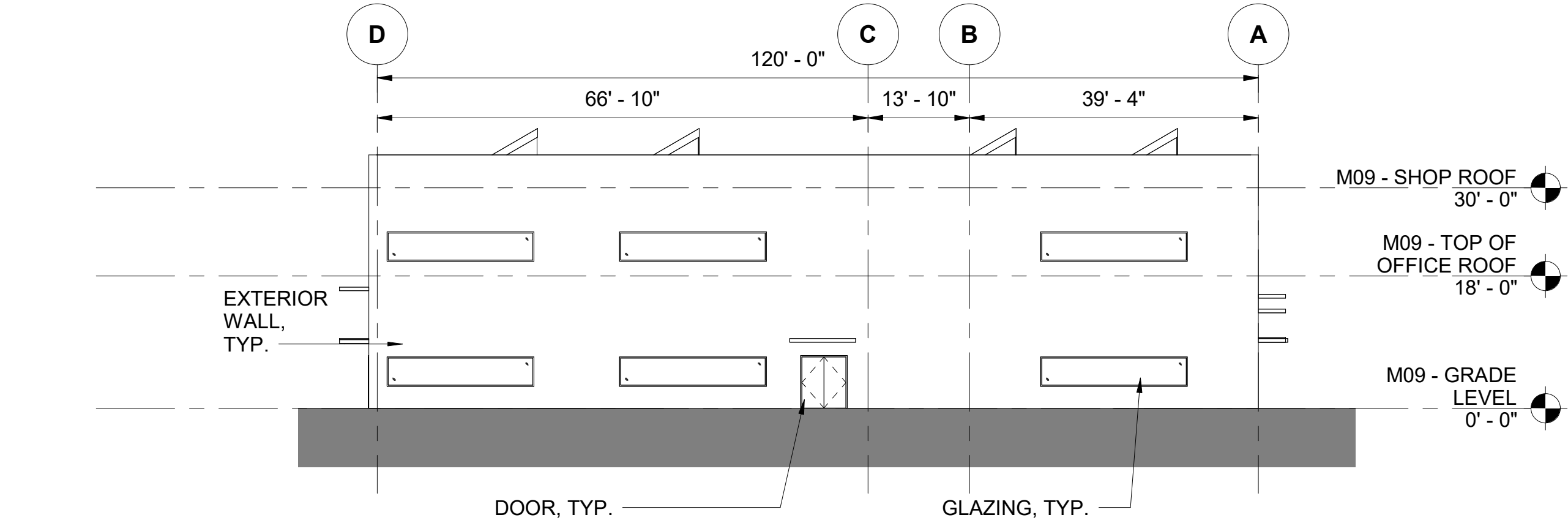
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M09-APP101



**SOUTH ELEVATION**

SCALE: 1/16" = 1'-0"

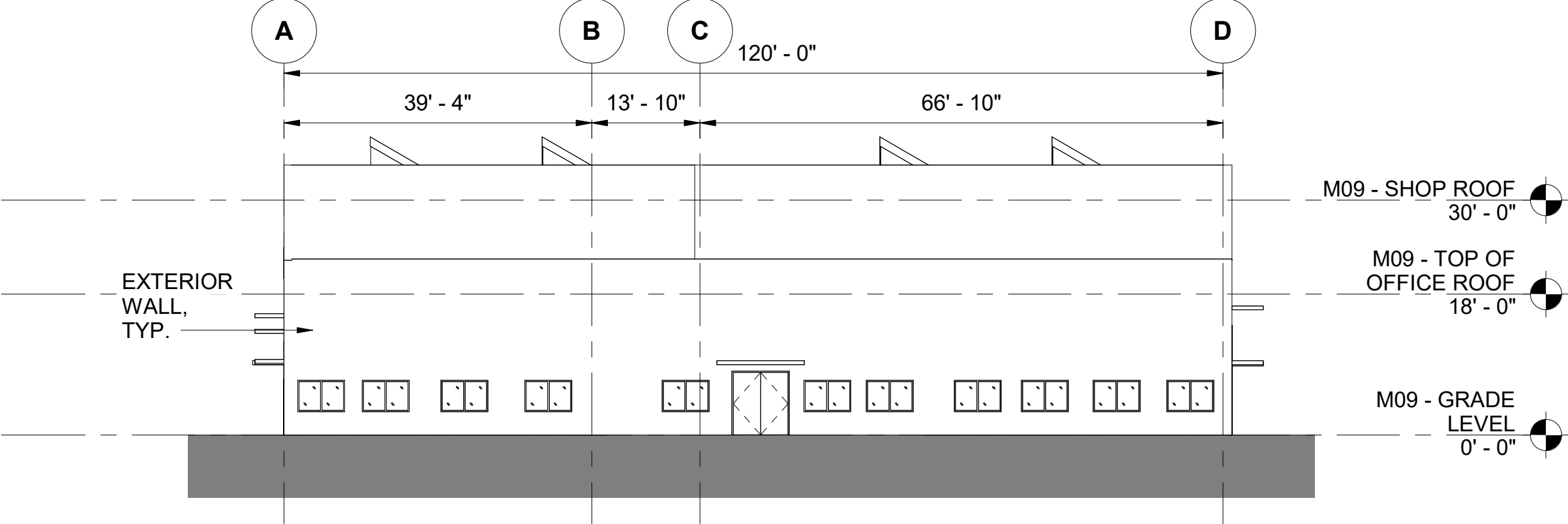
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M09-APP101



**EAST ELEVATION**

SCALE: 1/16" = 1'-0"

3  
M09-APP101



**WEST ELEVATION**

SCALE: 1/16" = 1'-0"



4  
M09-APP101

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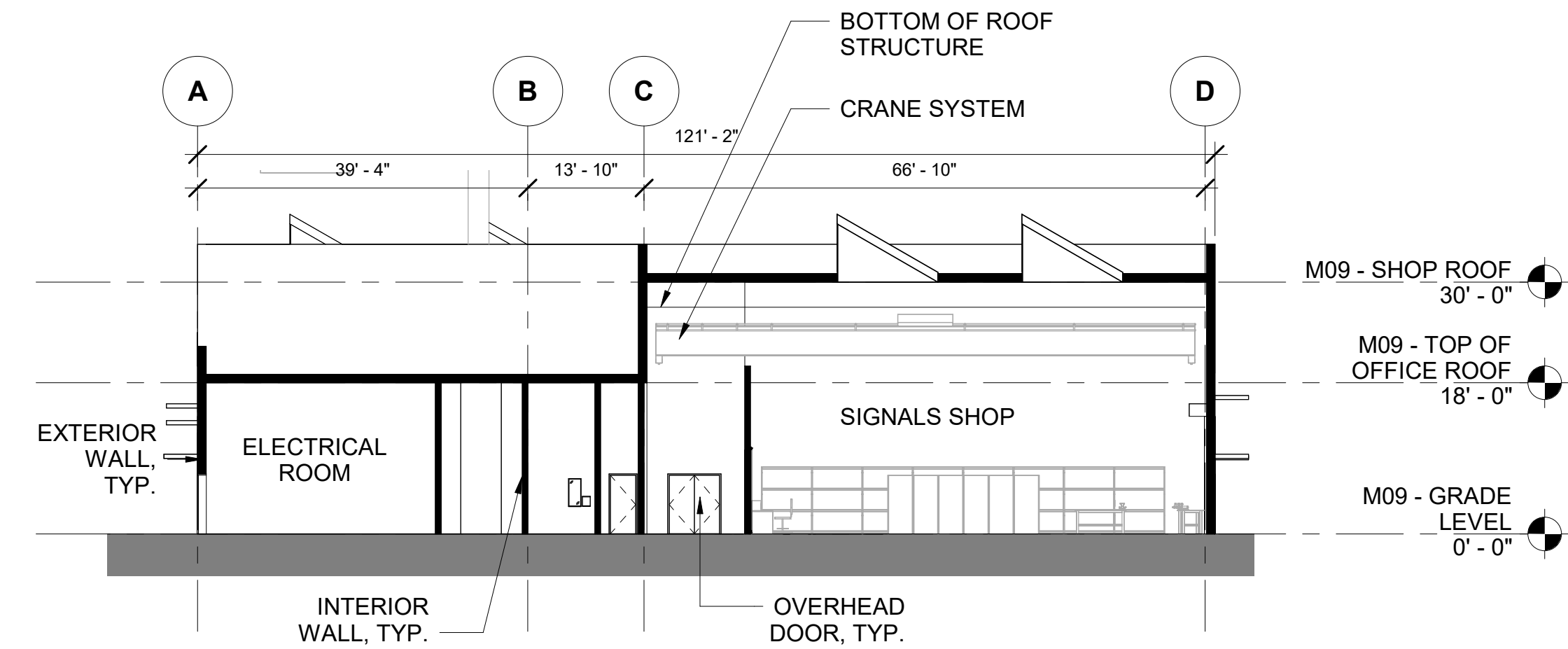
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CONTRACT No.: AE-0030-17						SHEET No:			REV:	
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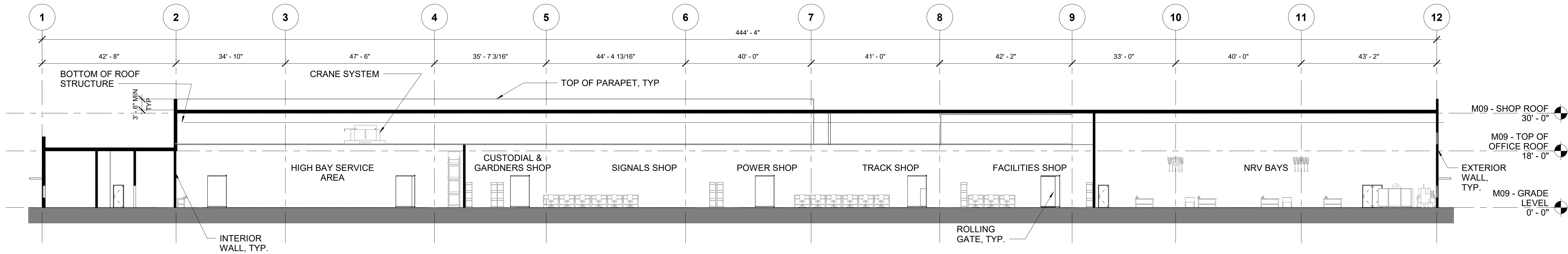
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MAINTENANCE OF WAY SECTION 1

1  
M09-APP101

SCALE: 1/16" = 1'-0"



MAINTENANCE OF WAY SECTION 2

2  
M09-APP101

SCALE: 1/16" = 1'-0"

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CONSTRUCTION

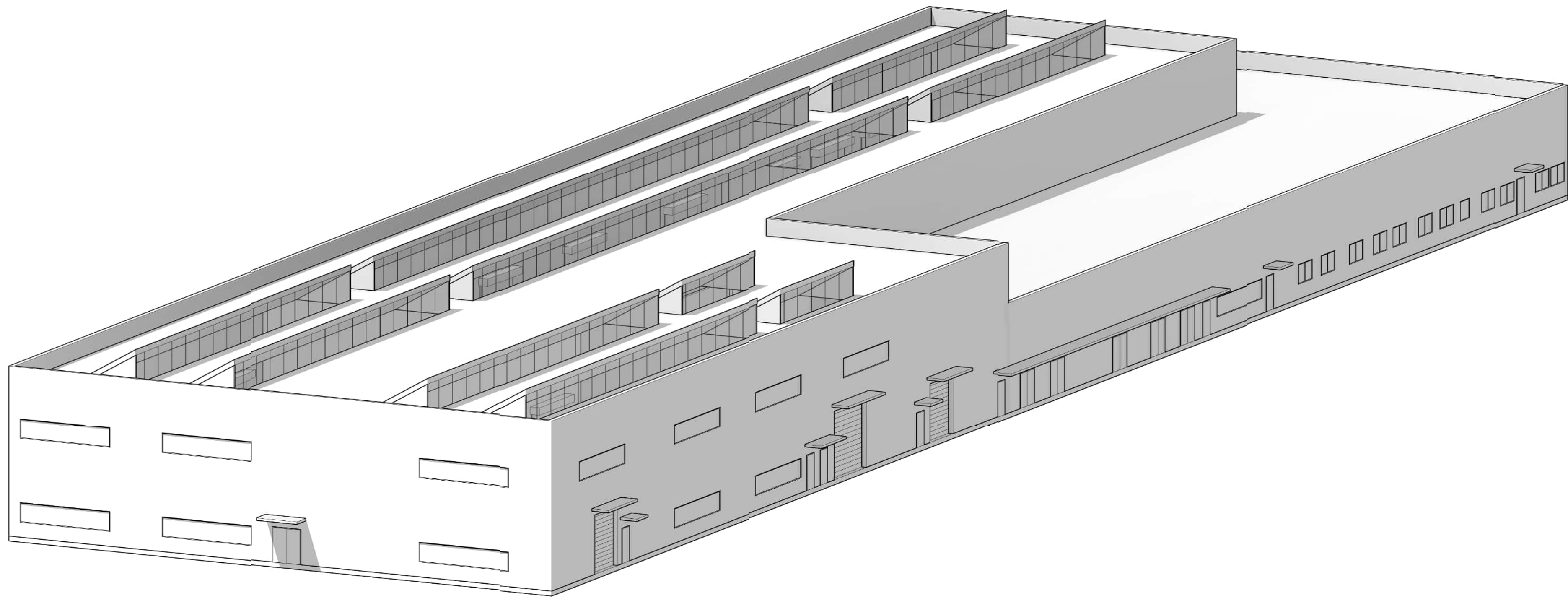
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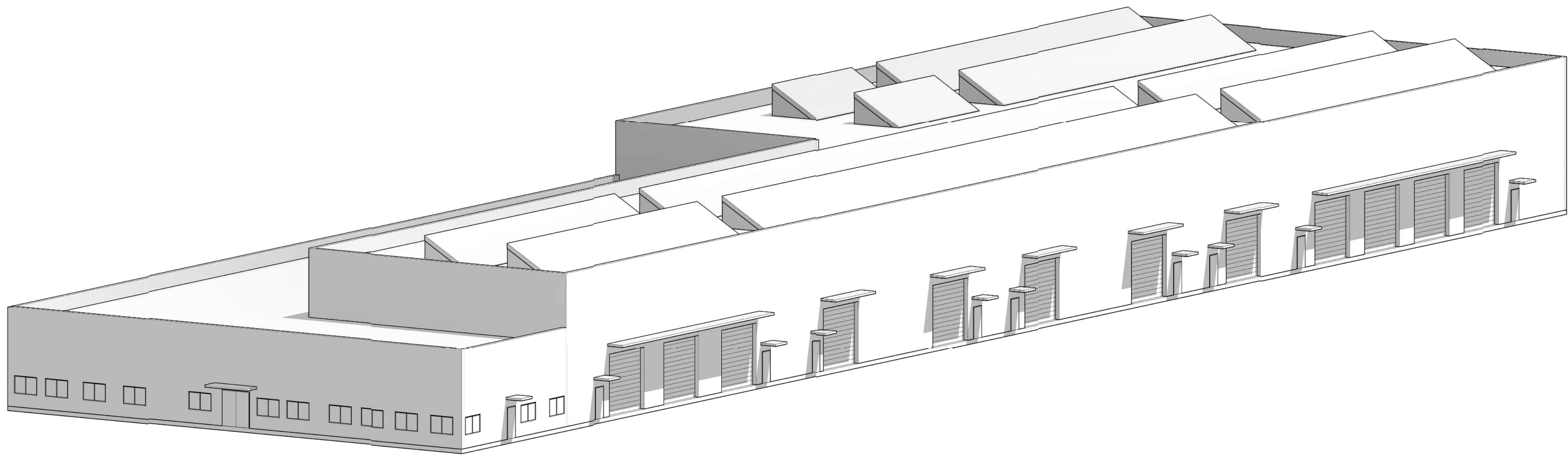
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DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div><div>HDR</div><div>LINE IS 1" AT FULL SCALE</div></div>			<div><div><div></div></div><div>SOUNDTRANSIT</div></div>	SCALE: AS NOTED	<div><div>SOUND TRANSIT</div><div>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</div><div>PRELIMINARY ENGINEERING</div> <div>ARCHITECTURAL SECTIONS</div><div>MOW BUILDING SECTIONS</div></div>				DRAWING No.: M09-ASX001	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M09-A-V2022.RVT					FACILITY ID: M09	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17					SHEET No:                      REV:	
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024						
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:							





1 MAINTENANCE OF WAY MASSING VIEW - LOOKING SW FROM NE CORNER




2 MAINTENANCE OF WAY MASSING VIEW - LOOKING NE FROM SW CORNER

NOT FOR  
CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #					
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>LINE IS 1" AT FULL SCALE</div> <div>SOUNDTRANSIT</div>			SCALE:	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div> <div>ARCHITECTURAL MASSING VIEWS MOW BUILDING MASSING VIEWS</div>			DRAWING No.: M09-AMP001	
DRAWN BY: STEPHANIE GREEN					FILENAME: OMFS-M09-A-V2022.RVT				FACILITY ID: M09	
CHECKED BY: DONN HOGAN					CONTRACT No.: AE-0030-17				SHEET No:	REV:
APPROVED BY:					SUBMITTAL DATE: 02/27/2024					
SHEENA ZIMMERMAN										
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:					



LIFE SAFETY LEGEND

ROOM NAME

NAME OF AREA/SPACE

185'-6"


TRAVEL DISTANCE

→

TRAVEL DISTANCE: LONGEST ROUTE TO AN EXIT (MAXIMUM PER SPACE/AREA SHOWN) (IBC 1017.2)

-----

DIAGONAL DISTANCE



ILLUMINATED EXIT SIGN

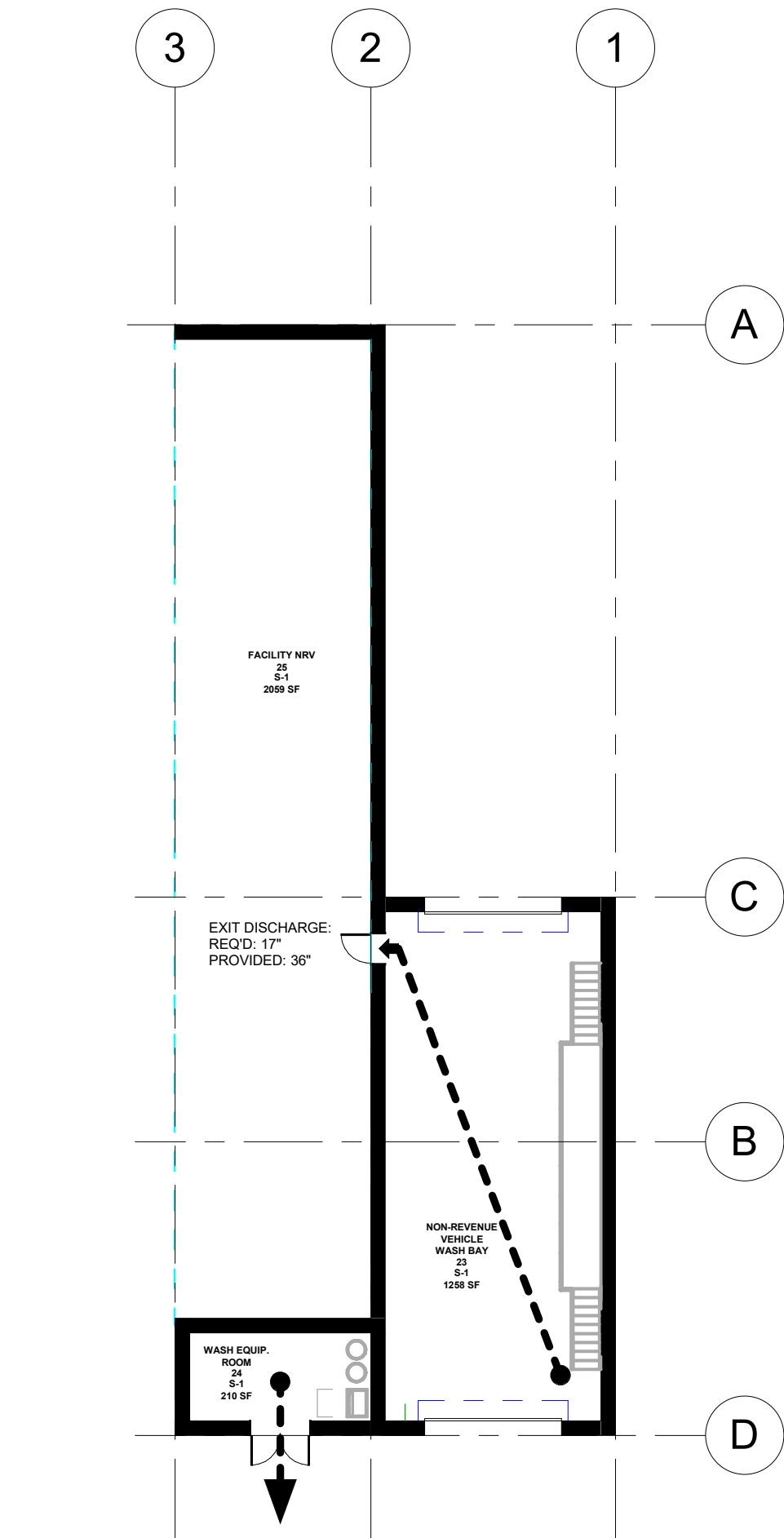
NOTE:

1. COMMON PATH: DISTANCE TRAVELED BEFORE AN EXIT PATH IS CHOSEN (MAXIMUM PER SPACE/ AREA SHOWN) (IBC 1006.2)

2. FIRE EXTINGUISHER & CABINET RECESSED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))

3. FIRE EXTINGUISHER SURFACE MOUNTED (SCREENED IF EXISTING) MAX TRAVEL DISTANCE: 75' - (IBC TABLE 906.3(1))

OCCUPANCY CLASSIFICATION SCHEDULE - LEVEL 1 AREAS		
Name	Area	Occupancy
S-1		
NON-REVENUE VEHICLE WASH BAY	1258 SF	S-1
WASH EQUIP. ROOM	210 SF	S-1
FACILITY NRV	2099 SF	S-1
	3527 SF	

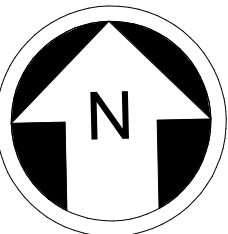


LIFE SAFETY PLAN  
SCALE: 1/16" = 1'-0"

CODE REVIEW

2.2.4 Table - NRV Wash Code Analysis (M09W)  
NRV Wash  
2021 IBC

Chapter	Section	Description	O&M Facility
Chapter 3: Use and Occupancy Classification	311.2	Business Group B occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include, but not be limited to, the following: ... Car wash	B
Chapter 5: Building Height and Area	Table 504.3	Allowable Building Height in Feet Above Grade Plane. Group A-2, B, S-1 & S-2 for Type IB, Sprinklered, for Type IIB.	75 feet
	Table 504.4	Allowable number of stories above grade plane.  Proposed building story	4  1
	Table 506.2	Allowable Area Factor ( B per table) Proposed Building Area at S-1 occupancy	92,000 3,474
	Section 508.4.2	Allowable building area - In each story, the building area shall be such that the sum of the ratios of the actual building area of each separated occupancy divided by the allowable building area of each separated occupancy shall not exceed 1.	0.03
Chapter 6: Types of Construction	Section 602.5  Table 601          Table 602	Types I and II - Types I and II construction are those types of construction in which the building elements listed in Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code.  Fire-resistance rating requirement for building elements in hours: Primary structural frame Bearing walls Exterior Bearing walls Interior Nonbearing walls and partitions exterior Nonbearing walls and partitions interior Floor construction and associated secondary members Roof construction and associated secondary members (Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.)  Fire resistance rating requirements for exterior walls based on fire separation distance, Type IIB: 30 feet > X > 10	IIB          0 0 0 see Table 602 0 0 0
Chapter 7: Fire and Smoke Protection Feature	Table 705.8	Maximum area of exterior wall openings based on fire separation distance and degree of opening protection, 20 to less than 25 feet with sprinklered and unprotected members.	No Limit



NOT FOR  
CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG

DRAWN BY:  
STEPHANIE GREEN

CHECKED BY:  
DONN HOGAN

APPROVED BY:  
SHEENA ZIMMERMAN

3849

REGISTERED ARCHITECT

CHAN LAM CHEANG

STATE OF WASHINGTON

HDR


SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

LINE IS 1" AT FULL SCALE

PACKAGE #



SCALE:  
AS NOTED

FILENAME:  
OMFS-M09W-A-V2022.RVT

CONTRACT No.:  
AE-0030-17

SUBMITTAL DATE:  
02/27/2024

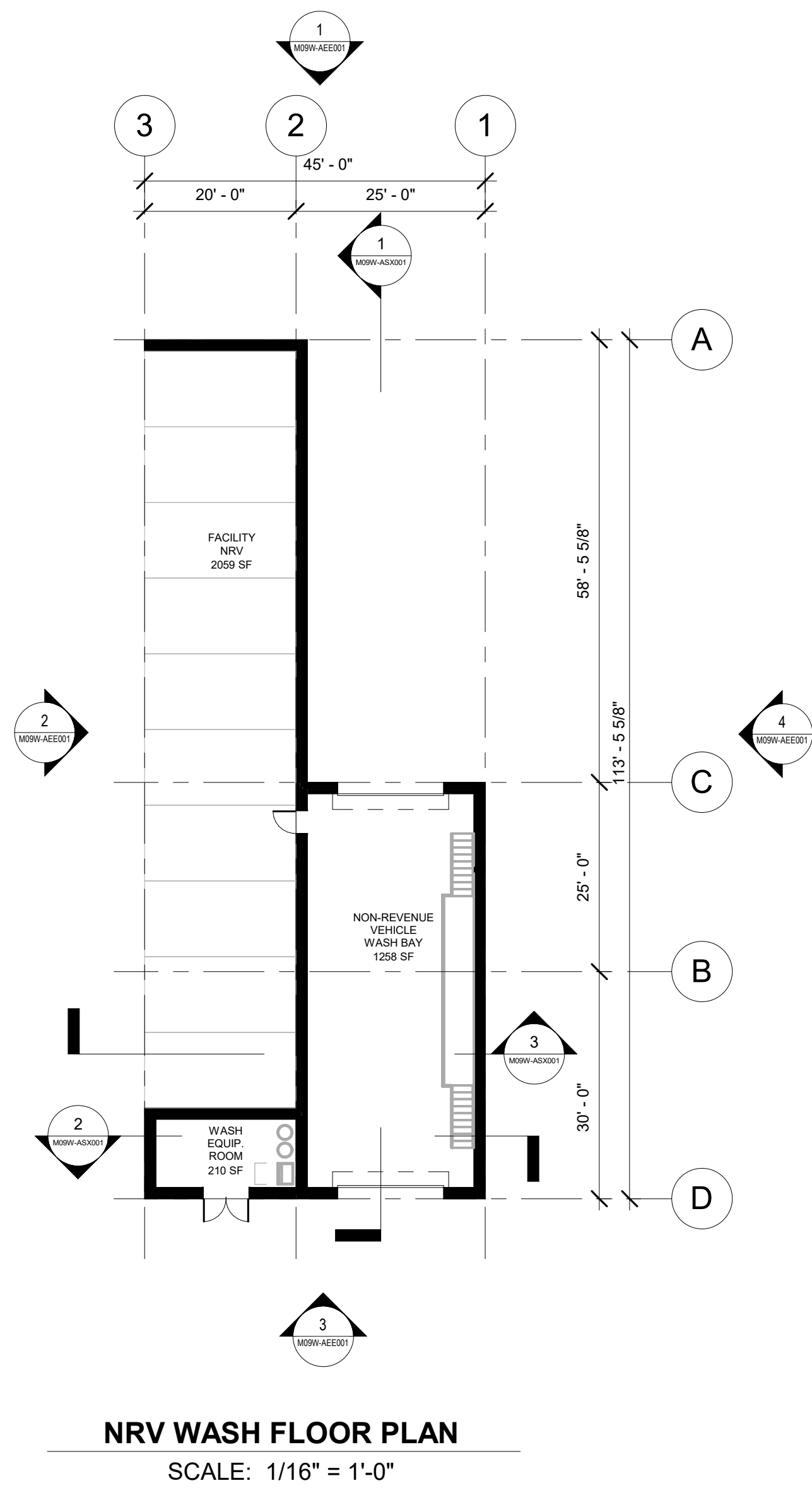
SOUND TRANSIT  
OPERATIONS & MAINTENANCE FACILITY SOUTH  
PRELIMINARY ENGINEERING

ARCHITECTURAL LIFE SAFETY  
NRV LIFE SAFETY PLAN

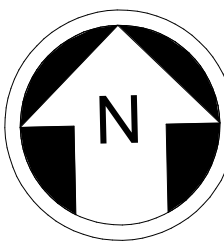
DRAWING No.:  
M09W-AZN009

FACILITY ID:  
M09W

SHEET No: REV:



NRV WASH FLOOR PLAN  
SCALE: 1/16" = 1'-0"



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CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:						PACKAGE #								
DESIGNED BY: CHAN CHEANG		<div>3849 REGISTERED ARCHITECT</div> <div>CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>LINE IS 1" AT FULL SCALE</div> <div></div>			SCALE: 1/16" = 1'-0"		<div>SOUND TRANSIT</div> <div>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div> <div>ARCHITECTURAL FLOOR PLAN</div> <div>NRV WASH LEVEL 1</div>			DRAWING No.: M09W-APP101			
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M09W-A-V2022.RVT					FACILITY ID: M09W			
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17					SHEET No:		REV:	
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024								
SUBMITTED BY: PABLO LOPEZ-HILFIKER			DATE: 2/27/2024		REVIEWED BY:			DATE:						

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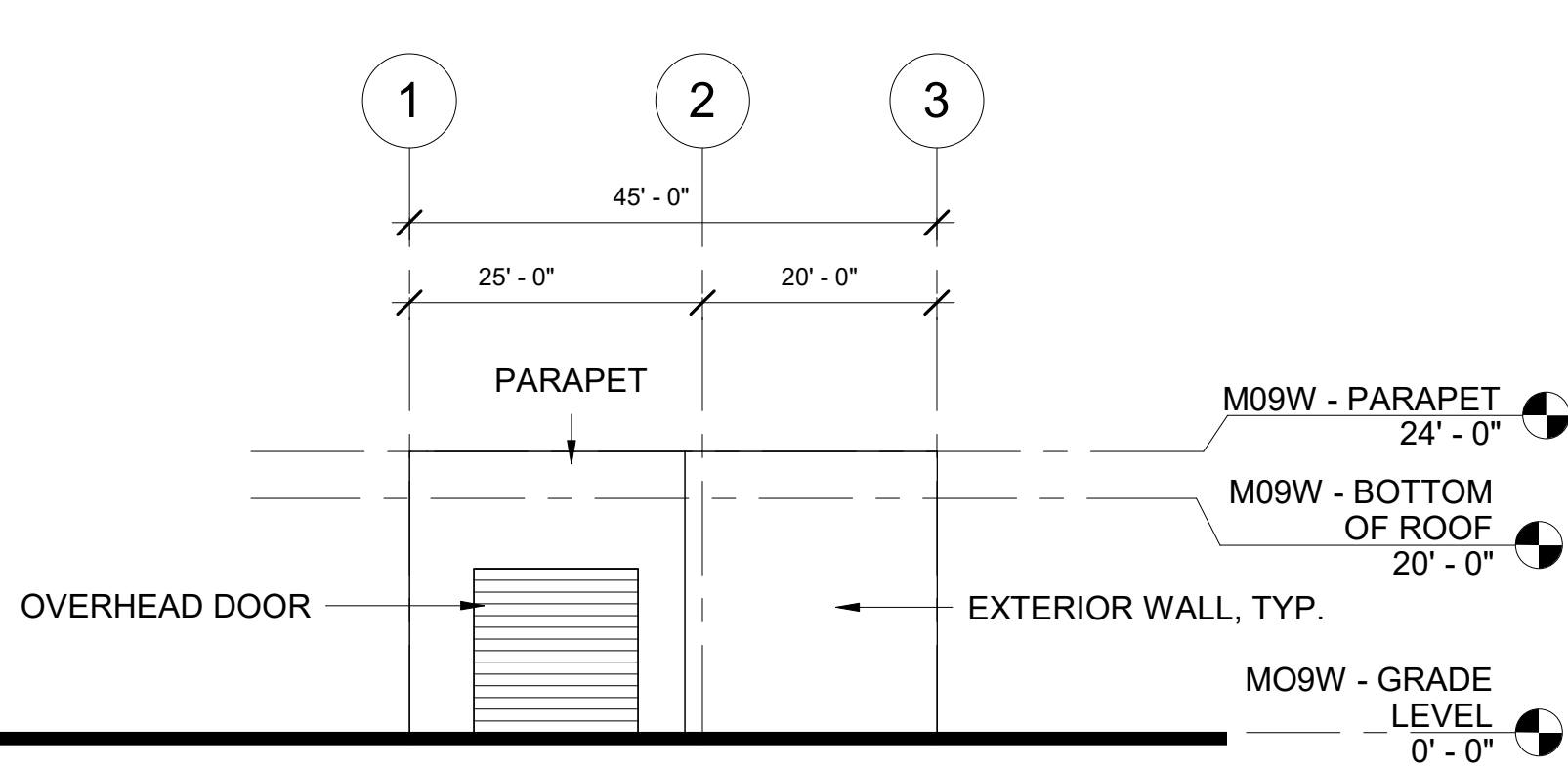
Refer to the plan set COVER drawing  
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REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #					
DESIGNED BY: CHAN CHEANG	<div><div>3849</div><div>REGISTERED ARCHITECT</div><div>CHAN LAM CHEANG</div><div>STATE OF WASHINGTON</div></div>	<div>HDR</div>		<div>LINE IS 1" AT FULL SCALE</div>	<div><div><div></div></div><div>SOUNDTRANSIT</div></div>	SCALE: AS NOTED	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div>		DRAWING No.: M09W-AEE001	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M09W-A-V2022.RVT			FACILITY ID: M09W	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17			SHEET No:	REV:
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024				
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	ARCHITECTURAL ELEVATIONS NRV WASH ELEVATIONS				

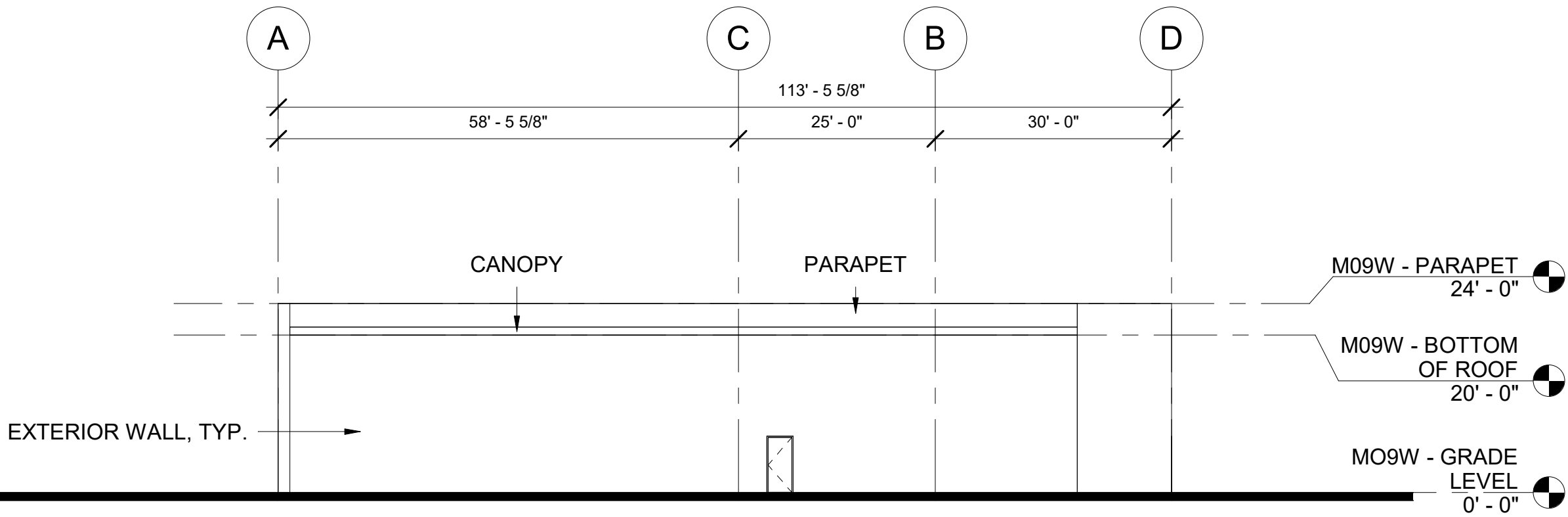
NOT FOR  
CONSTRUCTION



NORTH ELEVATION

SCALE: 1/16" = 1'-0"

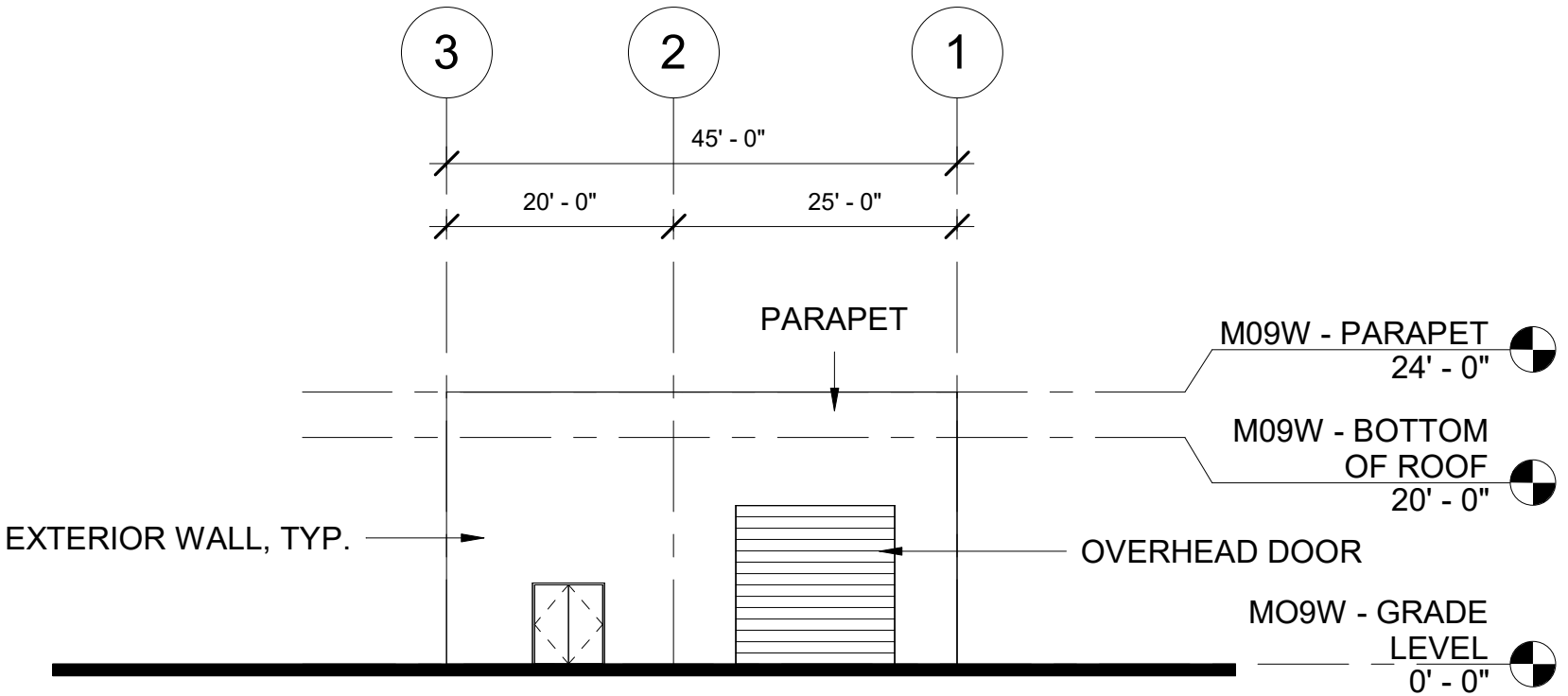
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M09W-APP101



WEST ELEVATION

SCALE: 1/16" = 1'-0"

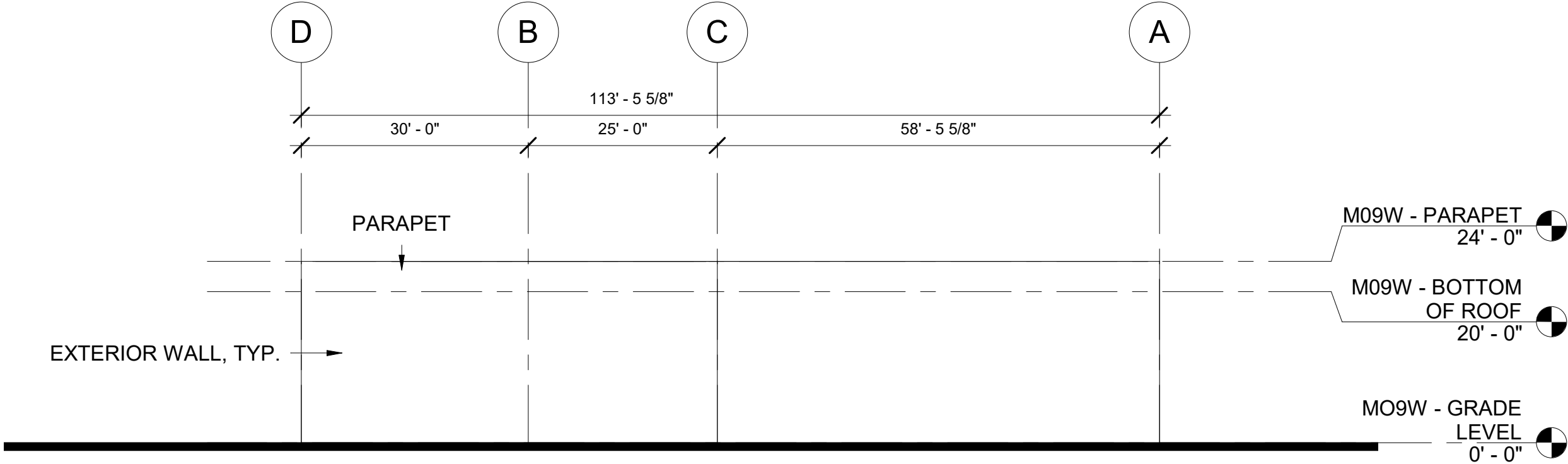
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SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

3  
M09W-APP101



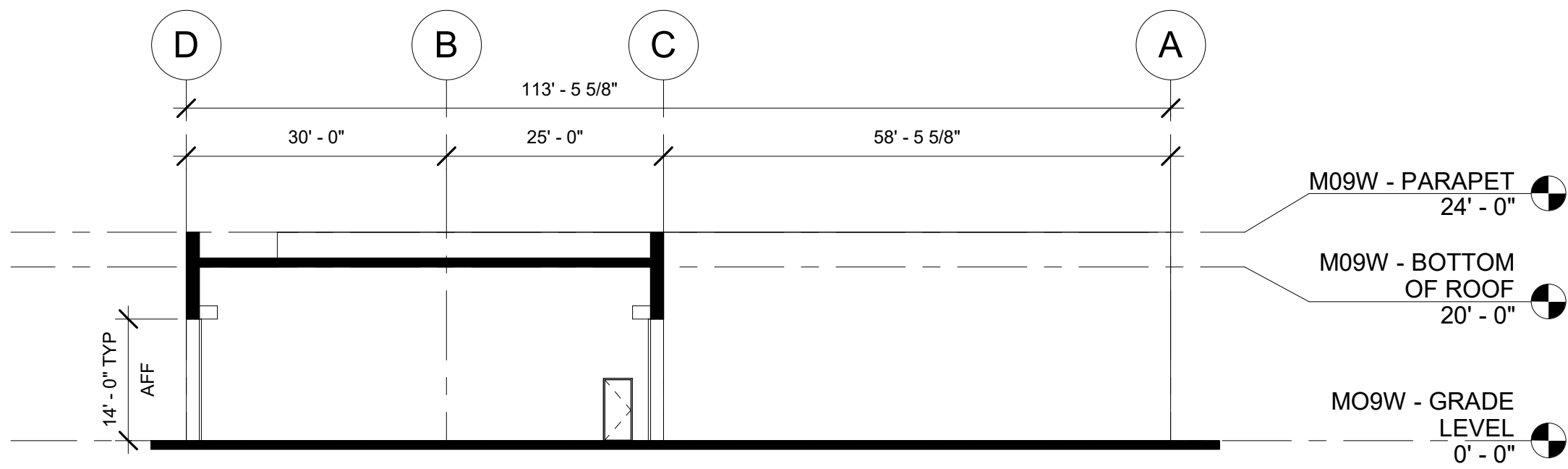
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SCALE: 1/16" = 1'-0"

4  
M09W-APP101



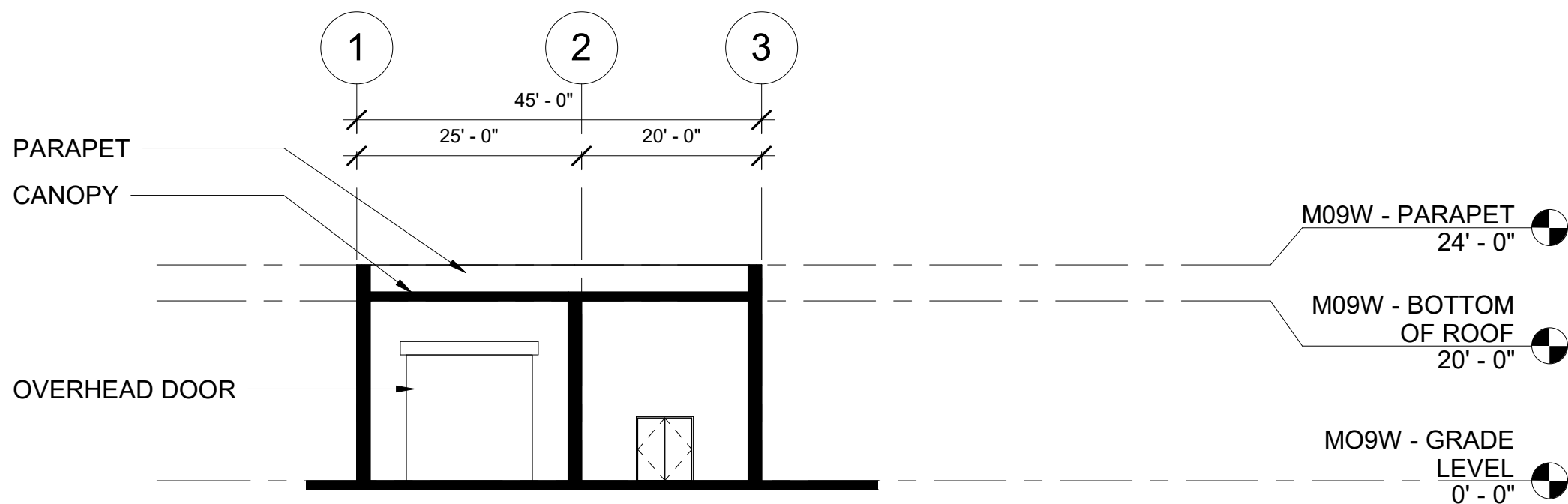
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NRV WASH SECTION 1

SCALE: 1/16" = 1'-0"

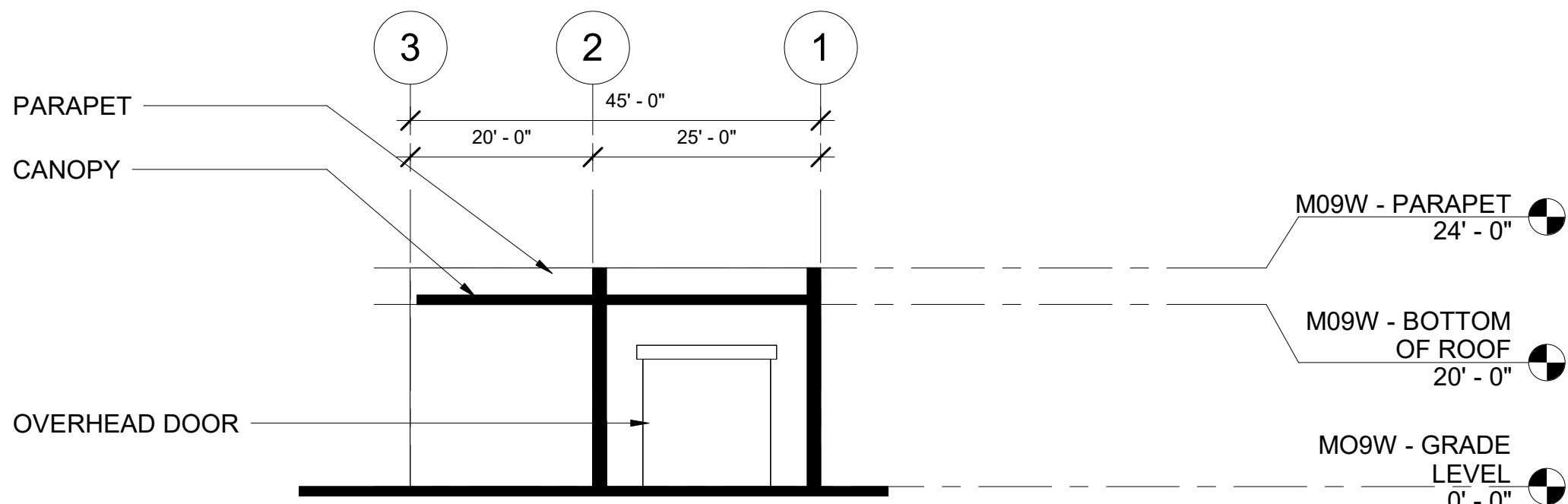
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M09W-APP101



NRV WASH SECTION 2

SCALE: 1/16" = 1'-0"

2  
M09W-APP101



NRV WASH SECTION 3

SCALE: 1/16" = 1'-0"

3  
M09W-APP101

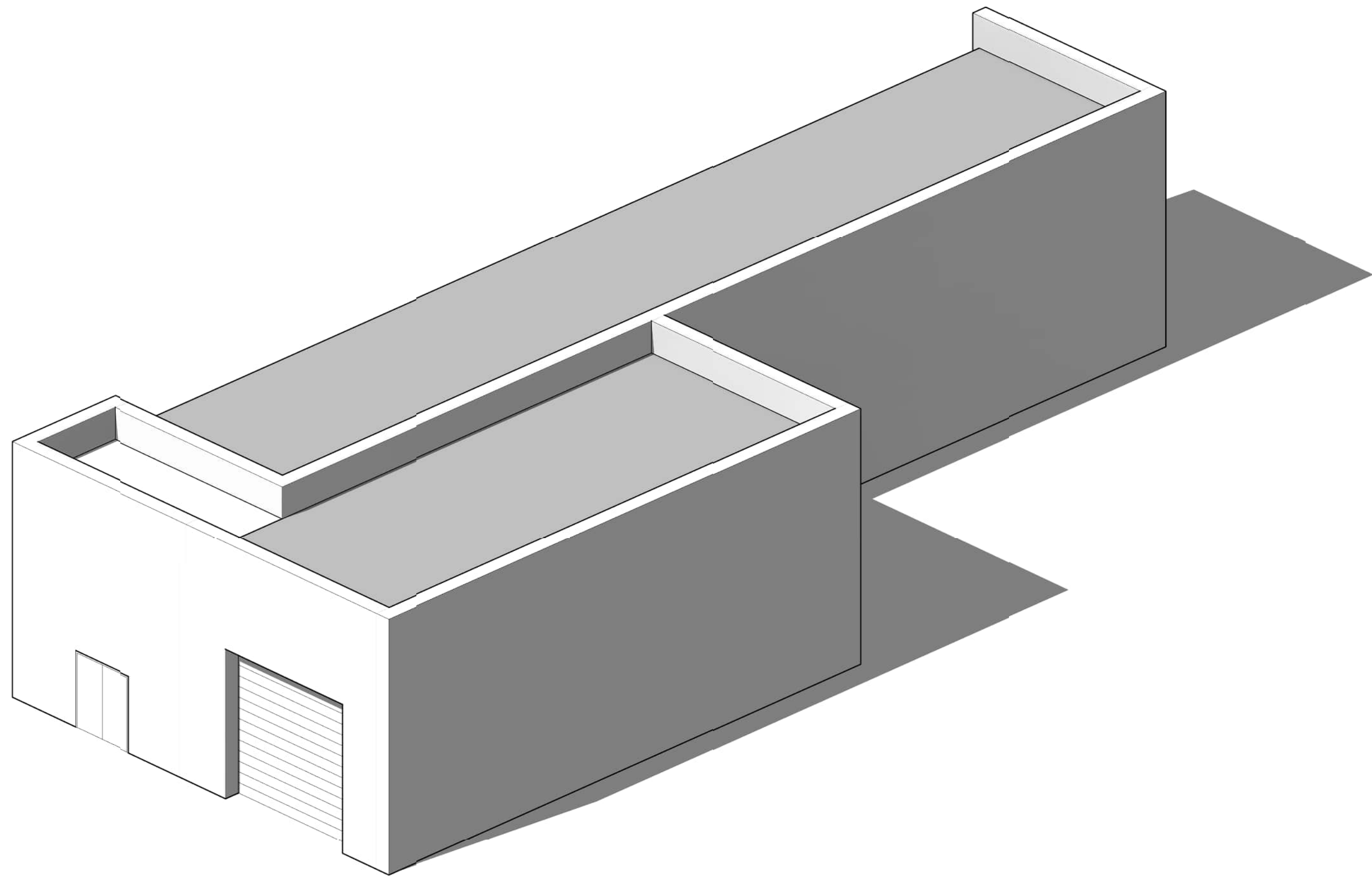
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for disclaimers regarding this drawing.

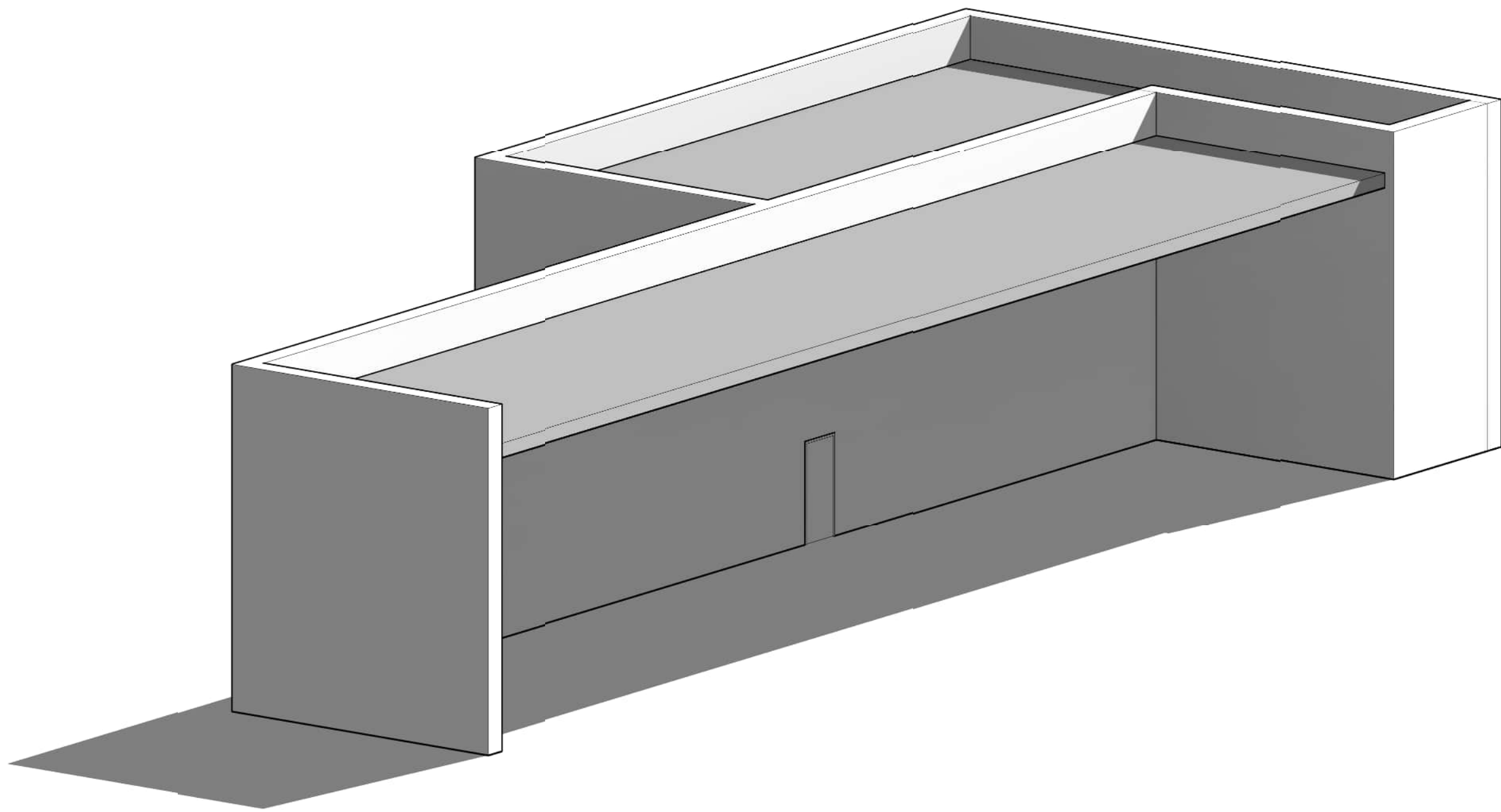
REFERENCE CONCEPT DRAWINGS

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AHJ:					PACKAGE #				
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT  CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>		<div>LINE IS 1" AT FULL SCALE</div>	<div>SOUNDTRANSIT</div>	SCALE:	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING  ARCHITECTURAL SECTIONS NRV WASH SECTIONS</div>	DRAWING No.:	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M09W-A-V2022.RVT		M09W-ASX001	
CHECKED BY: DONN HOGAN						CONTRACT No.:		FACILITY ID:	
APPROVED BY: SHEENA ZIMMERMAN						AE-0030-17		M09W	
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	SUBMITTAL DATE: 02/27/2024	SHEET No:	REV:	



1 NRV WASH MASSING VIEW 1




2 NRV WASH MASSING VIEW 2

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Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

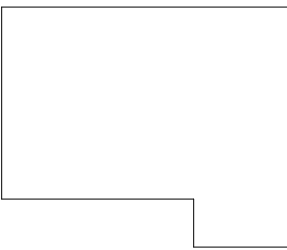
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DRAWN BY: STEPHANIE GREEN					FILENAME: OMFS-M09W-A-V2022.RVT	FACILITY ID: M09W			
CHECKED BY: DONN HOGAN					CONTRACT No.: AE-0030-17	SHEET No:			
APPROVED BY: SHEENA ZIMMERMAN					SUBMITTAL DATE: 02/27/2024	REV:			
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:				



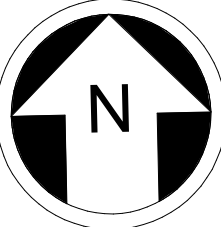




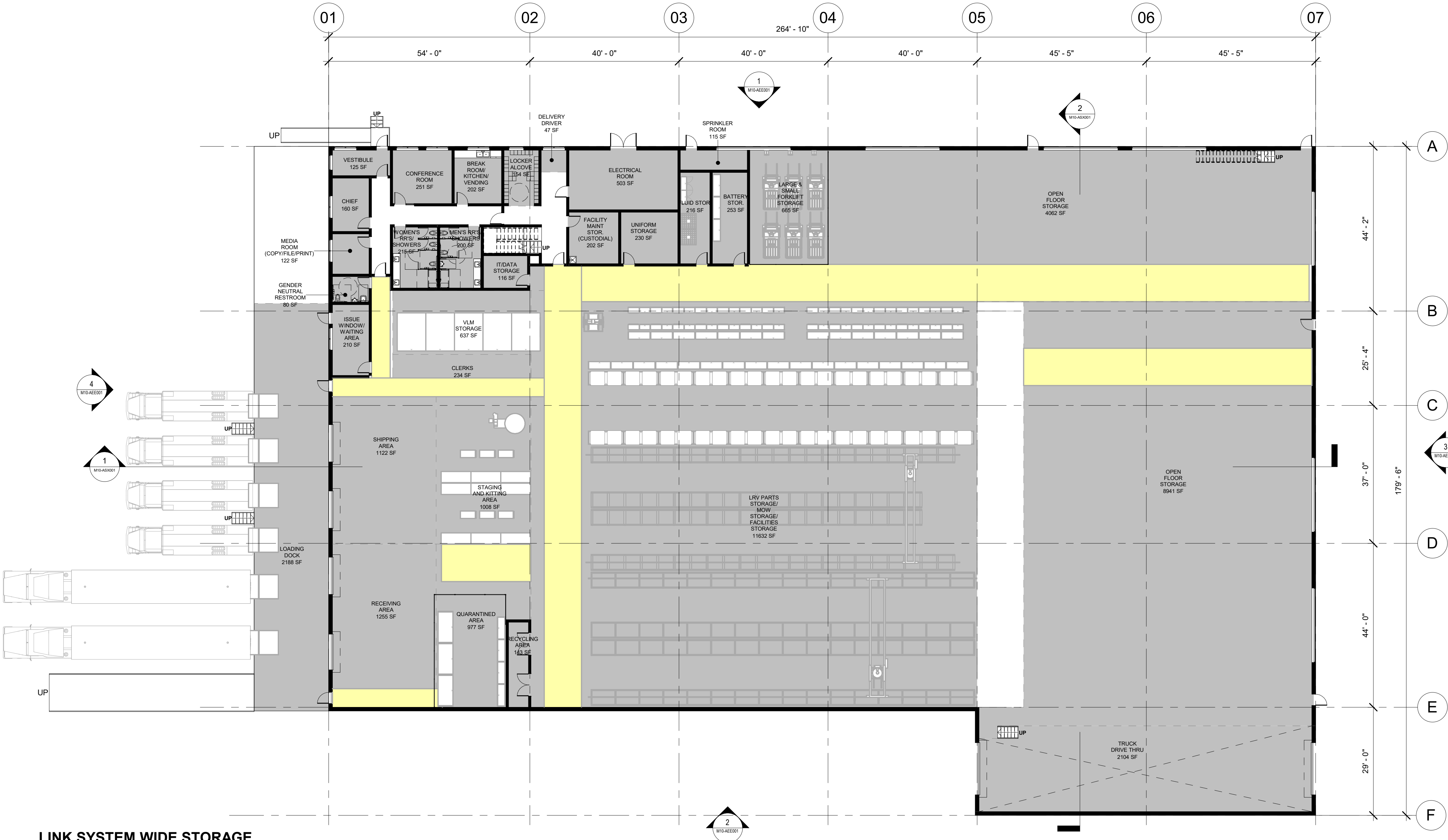


COLOR LEGEND

LINK SYSTEM WIDE STORAGE



NOT FOR CONSTRUCTION



LINK SYSTEM WIDE STORAGE  
FLOOR PLAN  
SCALE: 1/16" = 1'-0"

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG

DRAWN BY:  
STEPHANIE GREEN

CHECKED BY:  
DONN HOGAN

APPROVED BY:  
SHEENA ZIMMERMAN

3849 REGISTERED ARCHITECT

CHAN LAM CHEANG

STATE OF WASHINGTON

HR

SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE:  
1/16" = 1'-0"

FILENAME:  
OMFS-M10-A-V2022.RVT

CONTRACT No.:  
AE-0030-17

SUBMITTAL DATE:  
02/27/2024

SOUND TRANSIT

OPERATIONS & MAINTENANCE FACILITY SOUTH

PRELIMINARY ENGINEERING

ARCHITECTURAL FLOOR PLAN

LINK SYSTEM WIDE STORAGE LEVEL 1

DRAWING No.:  
M10-APP101

FACILITY ID:  
M10

SHEET No:      REV:

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No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY:  
CHAN CHEANG

DRAWN BY:  
STEPHANIE GREEN

CHECKED BY:  
DONN HOGAN

APPROVED BY:  
SHEENA ZIMMERMAN

3849

REGISTERED  
ARCHITECT

CHAN LAM CHEANG  
STATE OF WASHINGTON

HDR


SUBMITTED BY:  
PABLO LOPEZ-HILFIKER

DATE:  
2/27/2024

REVIEWED BY:

LINE IS 1" AT  
FULL SCALE

PACKAGE #



SCALE:  
1/16" = 1'-0"

FILENAME:  
OMFS-M10-A-V2022.RVT

CONTRACT No.:  
AE-0030-17

SUBMITTAL DATE:  
02/27/2024

SOUND TRANSIT

OPERATIONS & MAINTENANCE FACILITY SOUTH

PRELIMINARY ENGINEERING

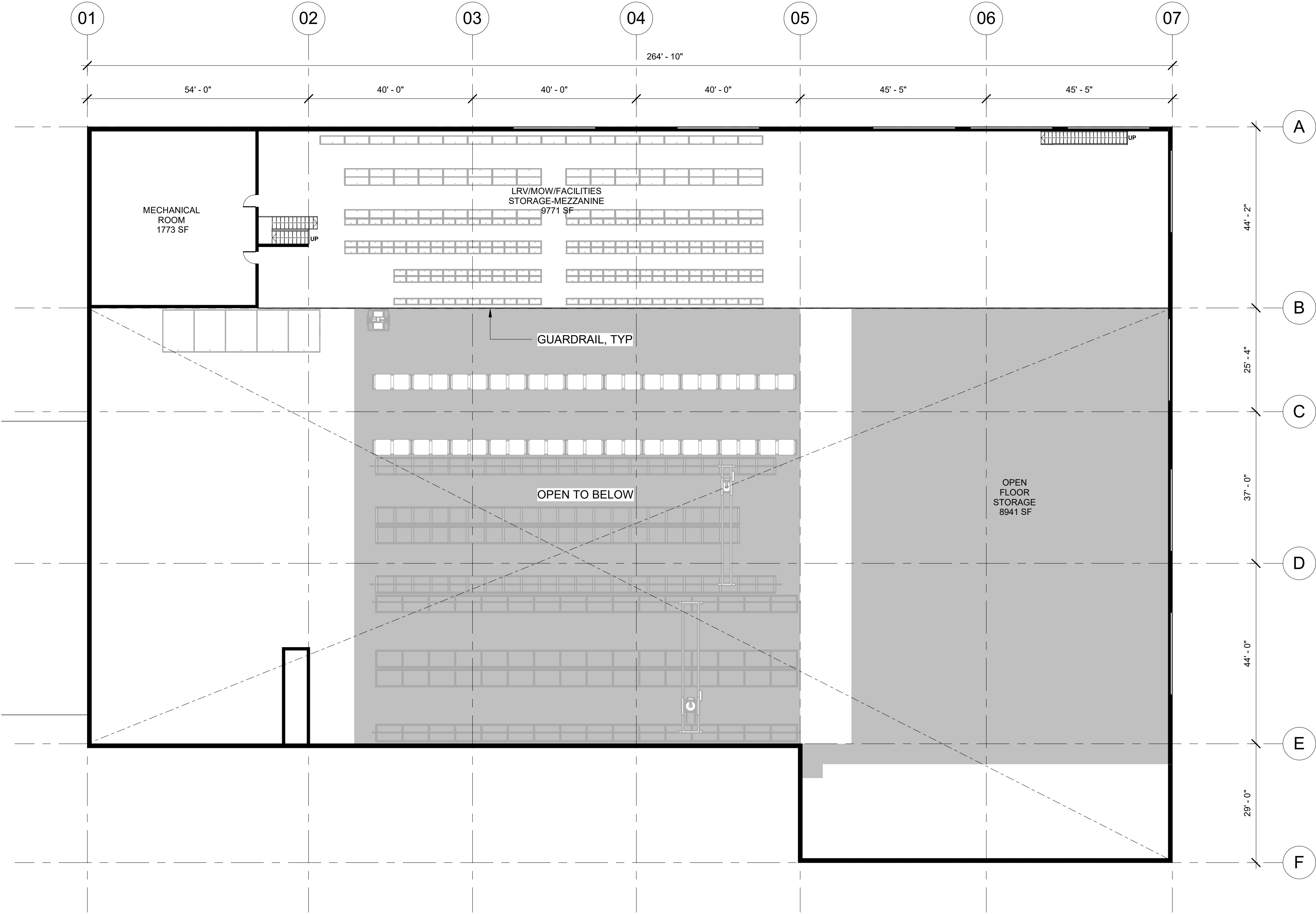
ARCHITECTURAL FLOOR PLAN

LINK SYSTEM WIDE STORAGE MEZZANINE

DRAWING No.:  
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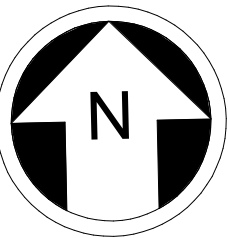
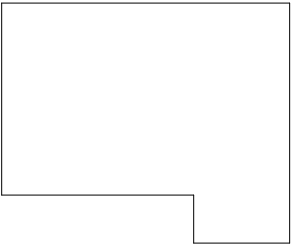
FACILITY ID:  
M10

SHEET No:      REV:



M10 - MEZZANINE  
SCALE: 1/16" = 1'-0"

KEY PLAN - M09W



16 8 0 16 32  
SCALE IN FEET



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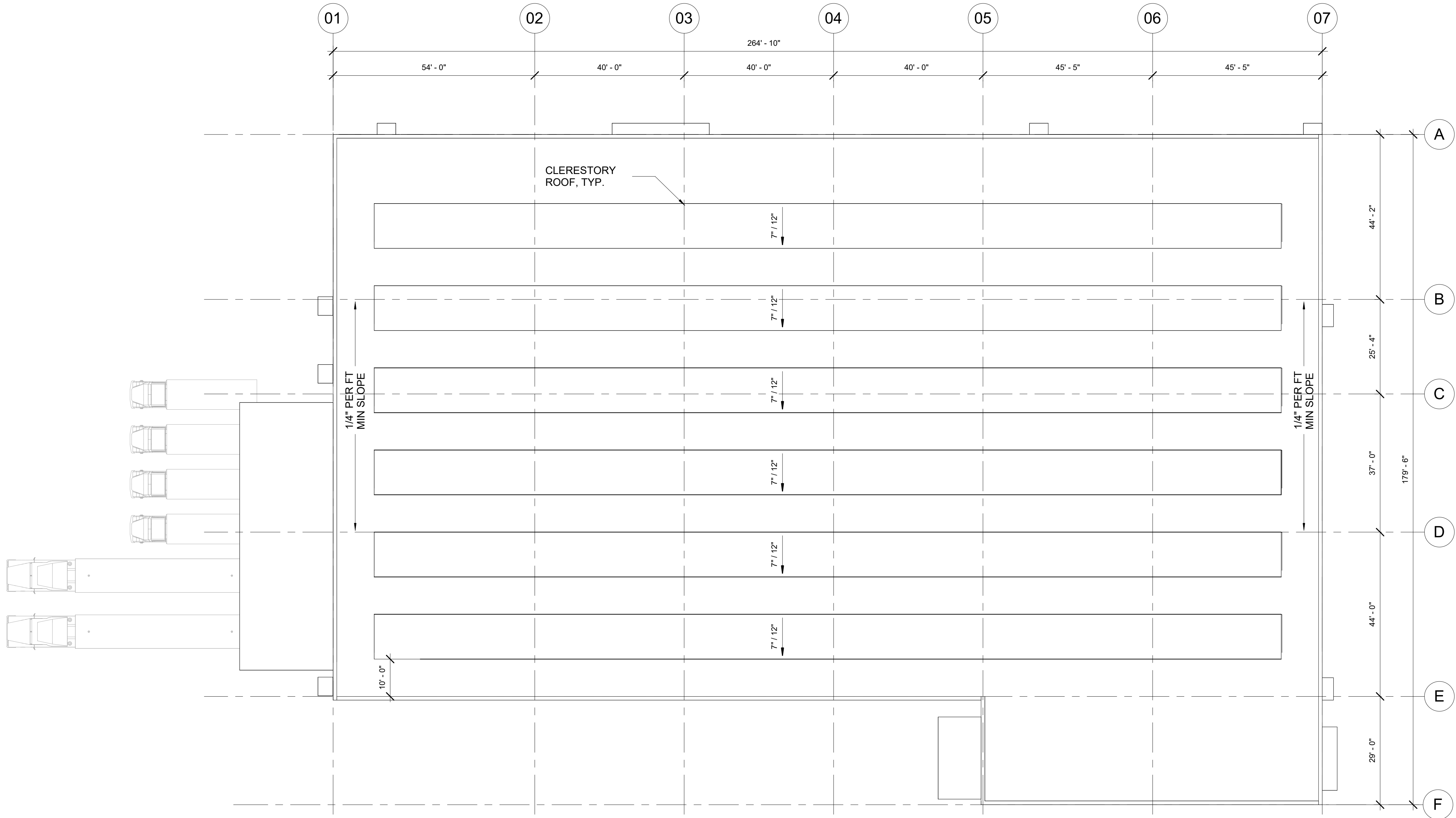
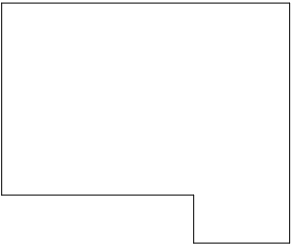
Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

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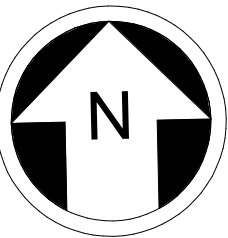
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DESIGNED BY: CHAN CHEANG	<div><div>3849</div><div>REGISTERED ARCHITECT</div><div>CHAN LAM CHEANG STATE OF WASHINGTON</div></div>			<div>LINE IS 1" AT FULL SCALE</div>	 <b>SOUNDTRANSIT</b>	SCALE: 1/16" = 1'-0"	<div><b>SOUND TRANSIT</b> <b>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</b> PRELIMINARY ENGINEERING</div>  <div>ARCHITECTURAL ROOF PLAN LINK SYSTEM WIDE STORAGE ROOF PLAN</div>		DRAWING No.: <b>M10-ARP101</b>	
DRAWN BY: STEPHANIE GREEN						FILENAME: OMFS-M10-A-V2022.RVT			FACILITY ID: M10	
CHECKED BY: DONN HOGAN						CONTRACT No.: AE-0030-17			SHEET No:	REV:
APPROVED BY: SHEENA ZIMMERMAN						SUBMITTAL DATE: 02/27/2024				
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:					

KEY PLAN - M09W



LINK SYSTEM WIDE STORAGE  
ROOF PLAN

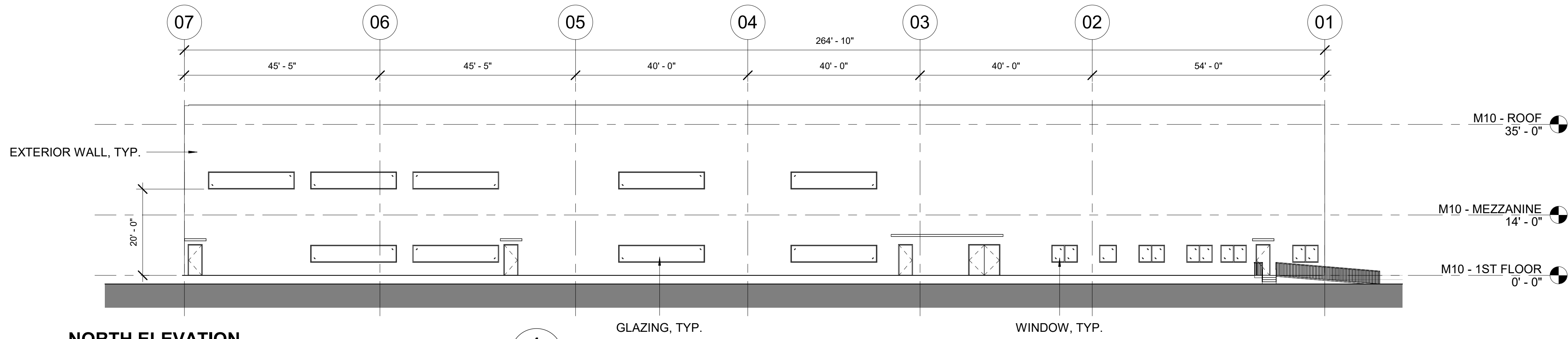
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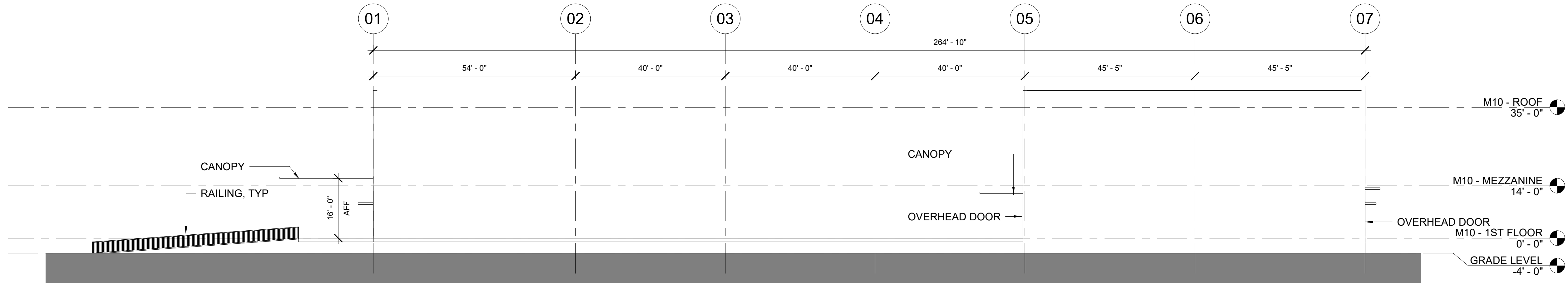
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**NORTH ELEVATION**

SCALE: 1/16" = 1'-0"

**1**  
M10-APP101

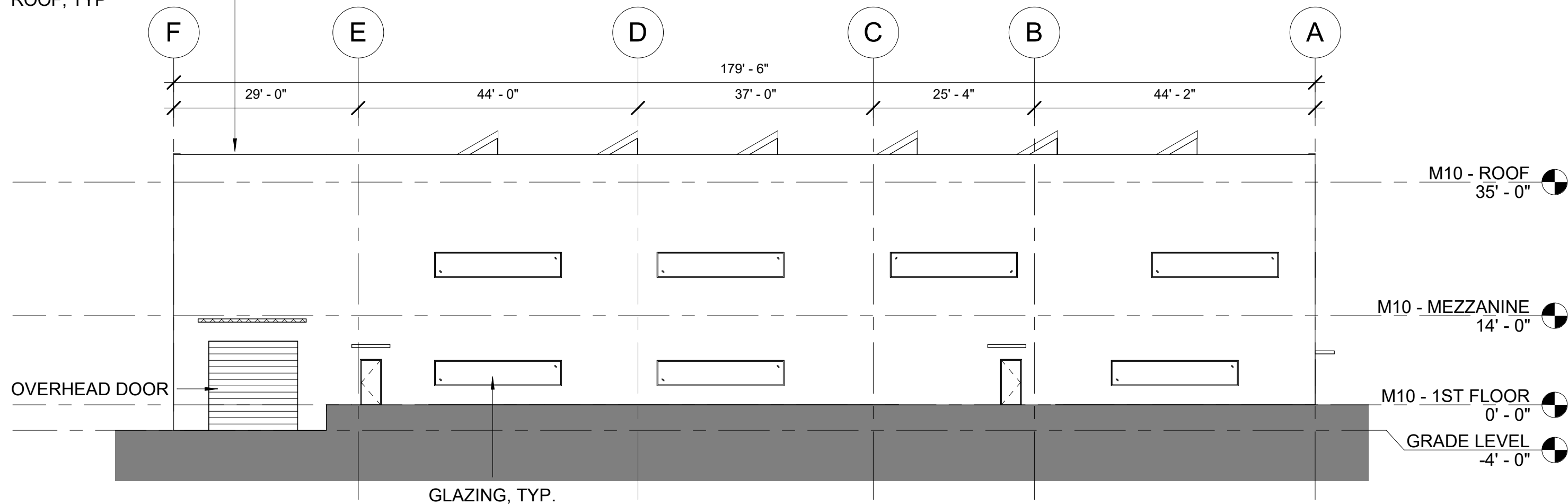


**SOUTH ELEVATION**

SCALE: 1/16" = 1'-0"

**2**  
M10-APP101

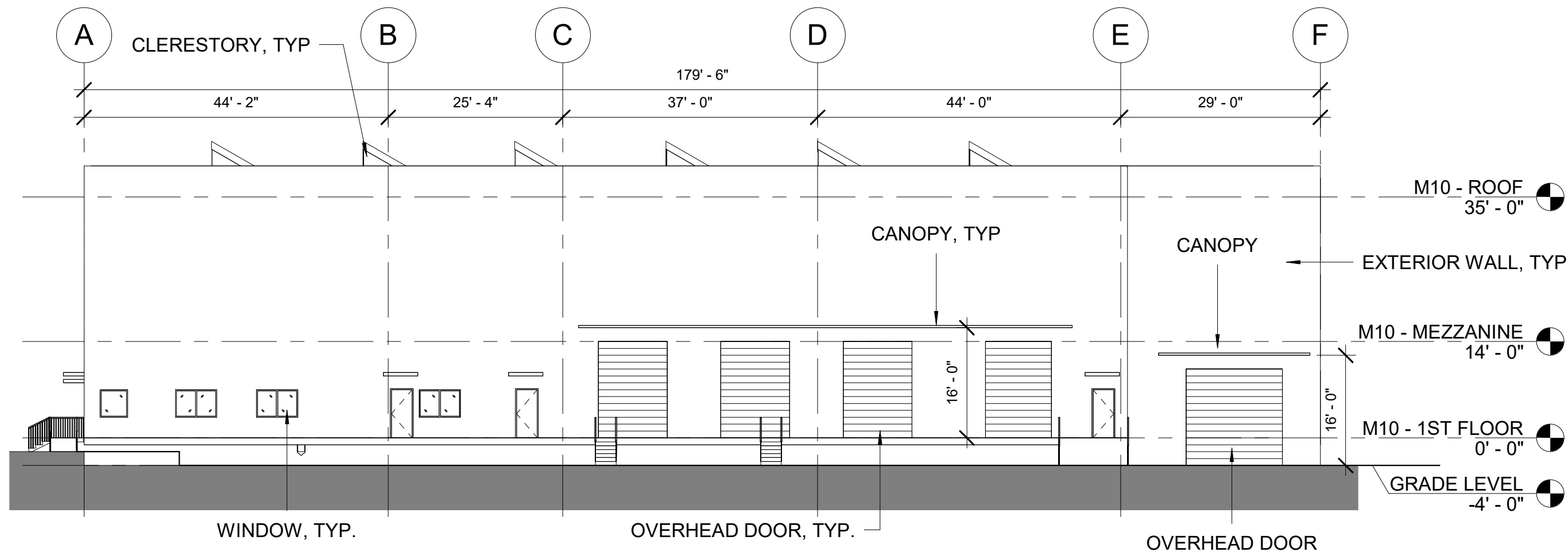
PARAPET AT 42"  
MIN ABV TOP OF  
ROOF, TYP



**EAST ELEVATION**

SCALE: 1/16" = 1'-0"

**3**  
M10-APP101



**WEST ELEVATION**

SCALE: 1/16" = 1'-0"



**4**  
M10-APP101

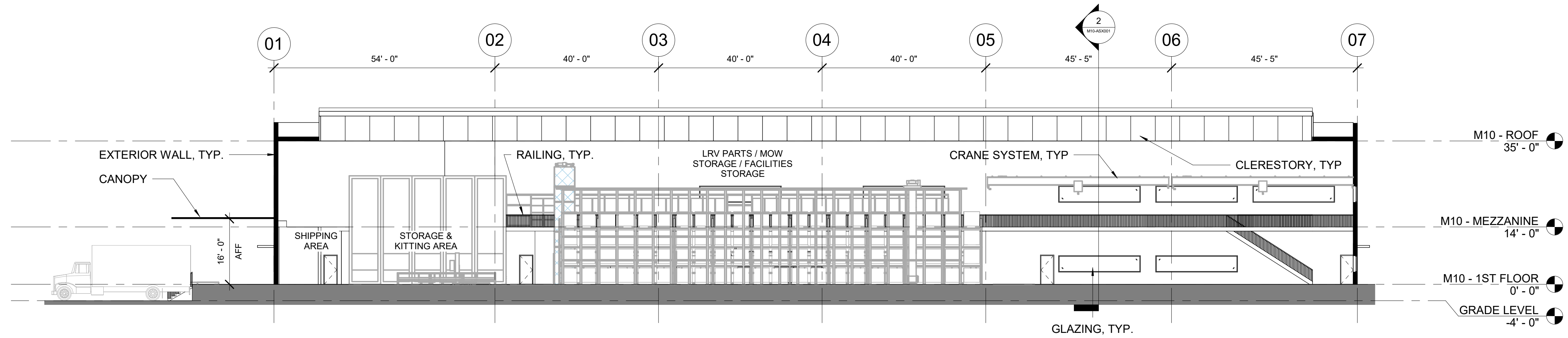
NOT FOR  
CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

## REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

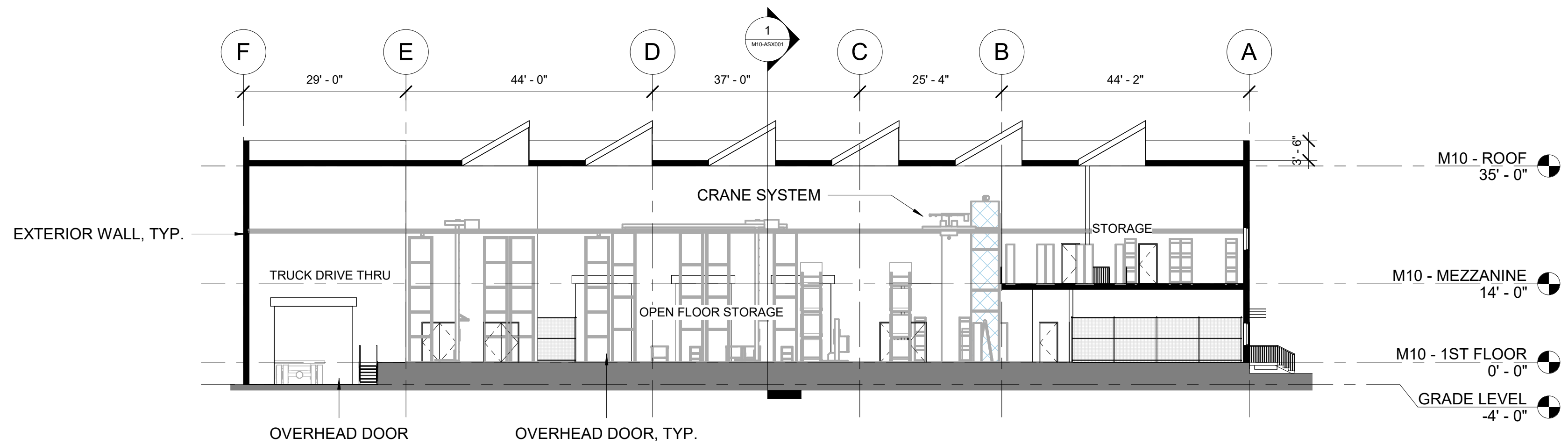
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DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT</div> <div>CHAN LAM CHEANG STATE OF WASHINGTON</div>			<div>LINE IS "A" AT FULL SCALE</div>	 <b>SOUNDTRANSIT</b>	SCALE: AS NOTED	<b>SOUND TRANSIT</b> <b>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</b> PRELIMINARY ENGINEERING		DRAWING No.: <b>M10-AEE001</b>	
FILENAME: OMFS-M10-A-V2022.RVT						FACILITY ID: M10				
CONTRACT No.: AE-0030-17						SHEET No:			REV:	
SUBMITTAL DATE: 02/27/2024										
DRAWN BY: STEPHANIE GREEN										
CHECKED BY: DONN HOGAN										
APPROVED BY: SHEENA ZIMMERMAN										



LINK SYSTEM WIDE STORAGE SECTION A

SCALE: 1/16" = 1'-0"

1  
M10-APP101



LINK SYSTEM WIDE STORAGE SECTION B

SCALE: 1/16" = 1'-0"


2  
M10-APP101

NOT FOR  
CONSTRUCTION

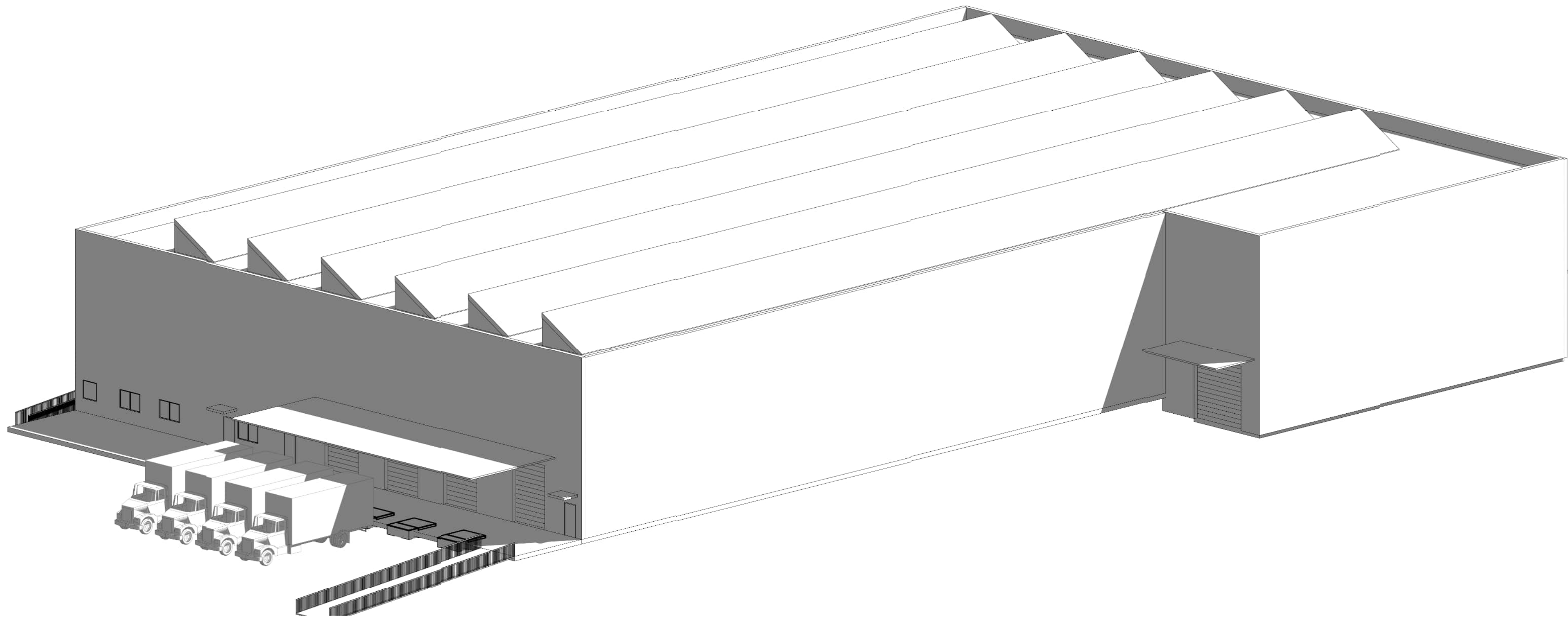
Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

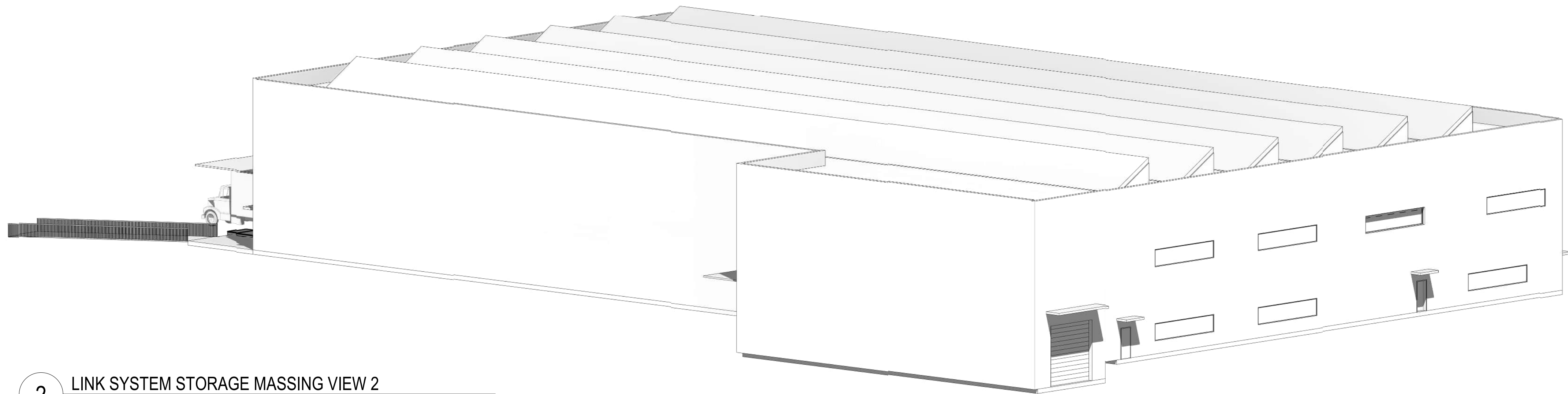
No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #				
DESIGNED BY: CHAN CHEANG	<div>3849</div> <div>REGISTERED ARCHITECT</div> <div>CHAN LAM CHEANG</div> <div>STATE OF WASHINGTON</div>	<div>HDR</div>			<div>LINE IS 1" AT FULL SCALE</div>	<div></div> <div>SOUNDTRANSIT</div>	SCALE: AS NOTED	<div>SOUND TRANSIT</div> <div>OPERATIONS &amp; MAINTENANCE FACILITY SOUTH</div> <div>PRELIMINARY ENGINEERING</div>	DRAWING No.:
DRAWN BY: STEPHANIE GREEN							FILENAME: OMFS-M10-A-V2022.RVT		M10-ASX001
CHECKED BY: DONN HOGAN		CONTRACT No.: AE-0030-17							
APPROVED BY: SHEENA ZIMMERMAN		SUBMITTAL DATE: 02/27/2024							
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	ARCHITECTURAL SECTIONS			SHEET No:
						LINK SYSTEM WIDE STORAGE SECTIONS			REV:





1 LINK SYSTEM STORAGE MASSING VIEW 1



2 LINK SYSTEM STORAGE MASSING VIEW 2

NOT FOR  
CONSTRUCTION

Refer to the plan set COVER drawing  
for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:					PACKAGE #					
DESIGNED BY: CHAN CHEANG	<div>3849 REGISTERED ARCHITECT CHAN LAM CHEANG STATE OF WASHINGTON</div>	<div>HDR</div>			<div>LINE IS 1" AT FULL SCALE</div>	<div>SOUNDTRANSIT</div>	SCALE:	<div>SOUND TRANSIT OPERATIONS &amp; MAINTENANCE FACILITY SOUTH PRELIMINARY ENGINEERING</div>		DRAWING No.: M10-AMP001
DRAWN BY: STEPHANIE GREEN							FILENAME: OMFS-M10-A-V2022.RVT			FACILITY ID: M10
CHECKED BY: DONN HOGAN							CONTRACT No.: AE-0030-17			SHEET No: REV:
APPROVED BY: SHEENA ZIMMERMAN							SUBMITTAL DATE: 02/27/2024			
SUBMITTED BY: PABLO LOPEZ-HILFIKER		DATE: 2/27/2024	REVIEWED BY:		DATE:	ARCHITECTURAL MASSING VIEWS LINK SYSTEM WIDE STORAGE MASSING VIEWS				