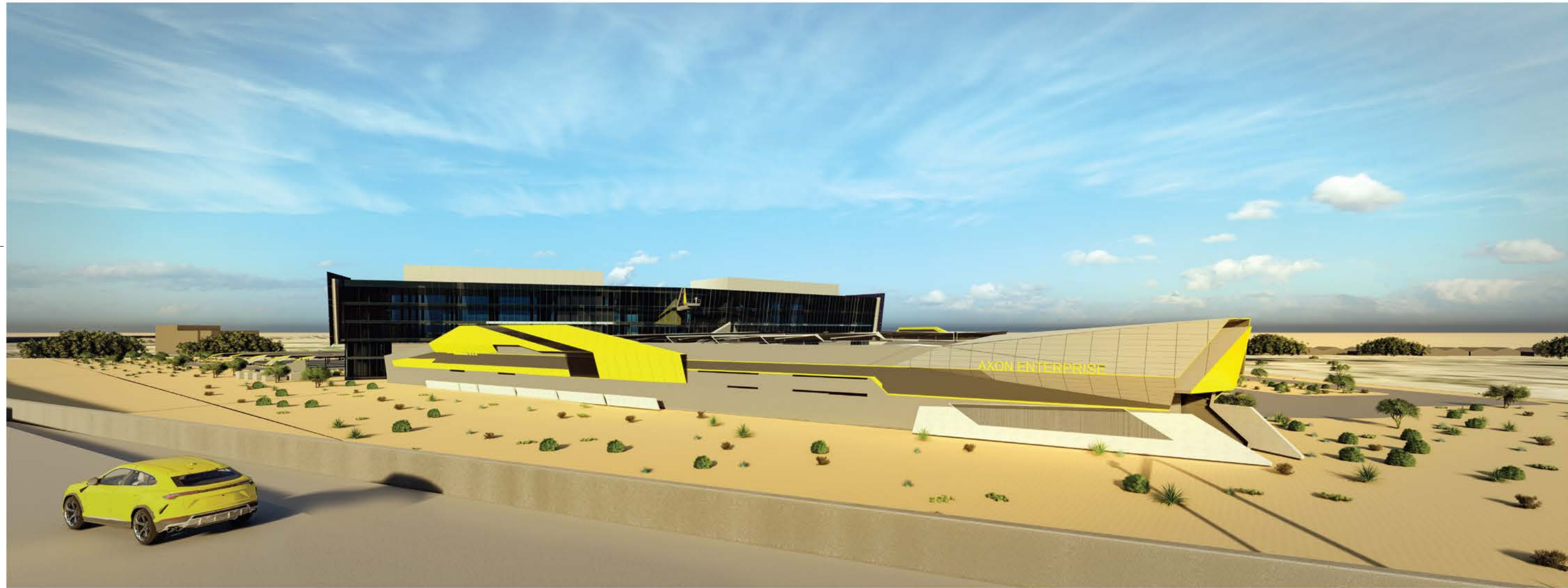




NORTHEAST PERSPECTIVE (VIEW FROM 101 FREEWAY)



SOUTHEAST PERSPECTIVE



SOUTH PERSPECTIVE



SOUTHWEST PERSPECTIVE



WEST PERSPECTIVE

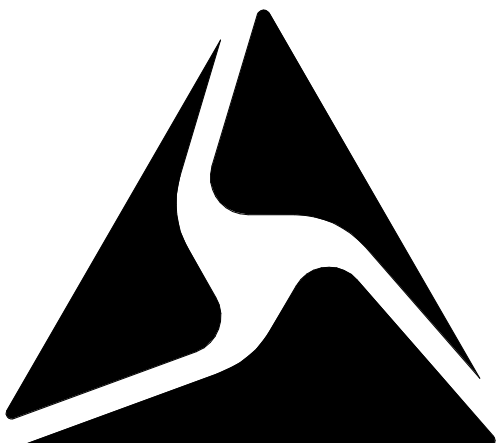


NORTHWEST PERSPECTIVE

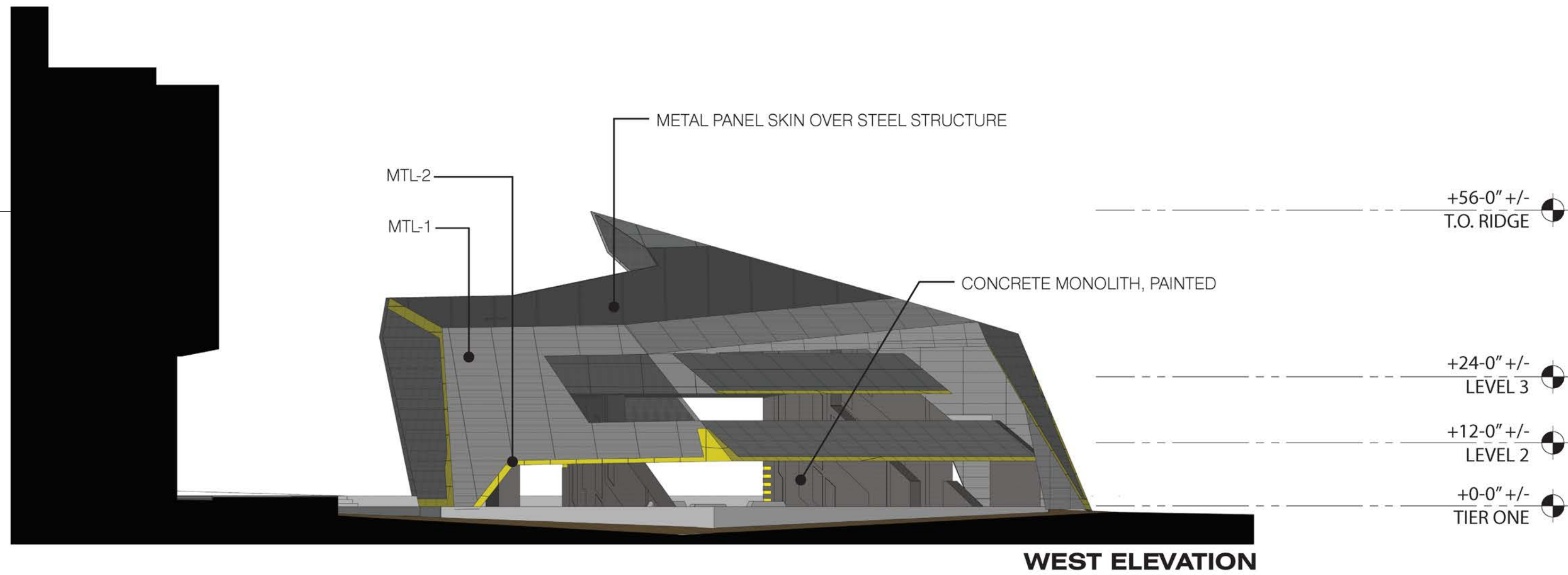
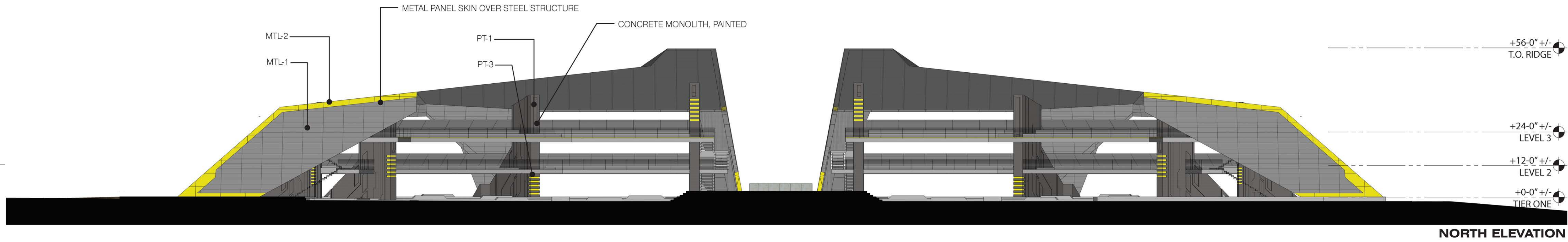
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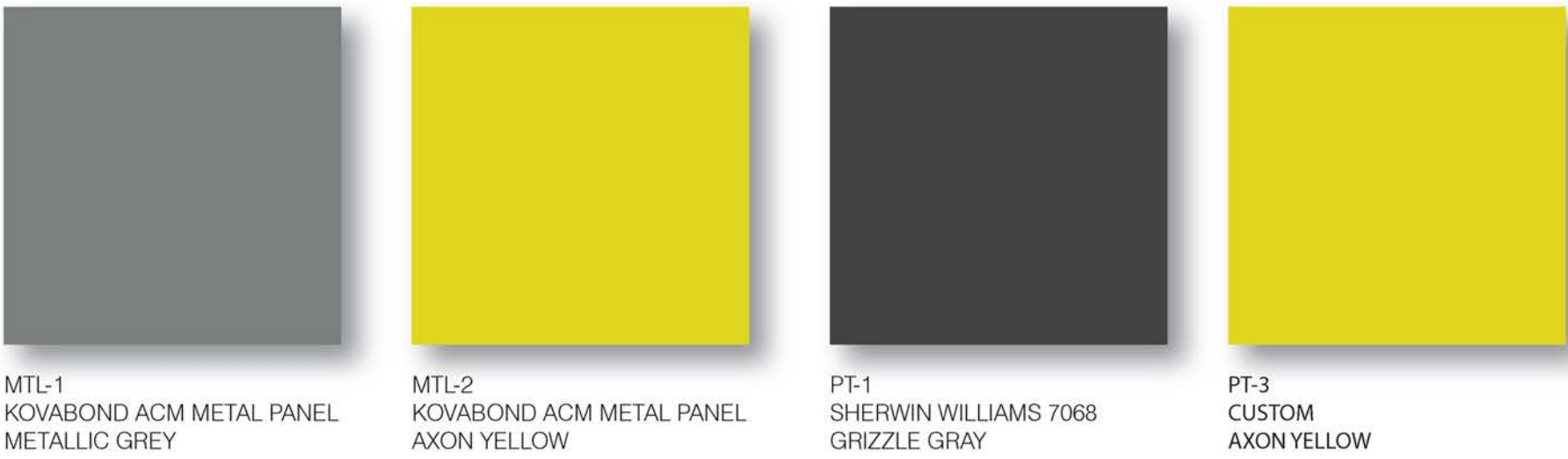


AXON

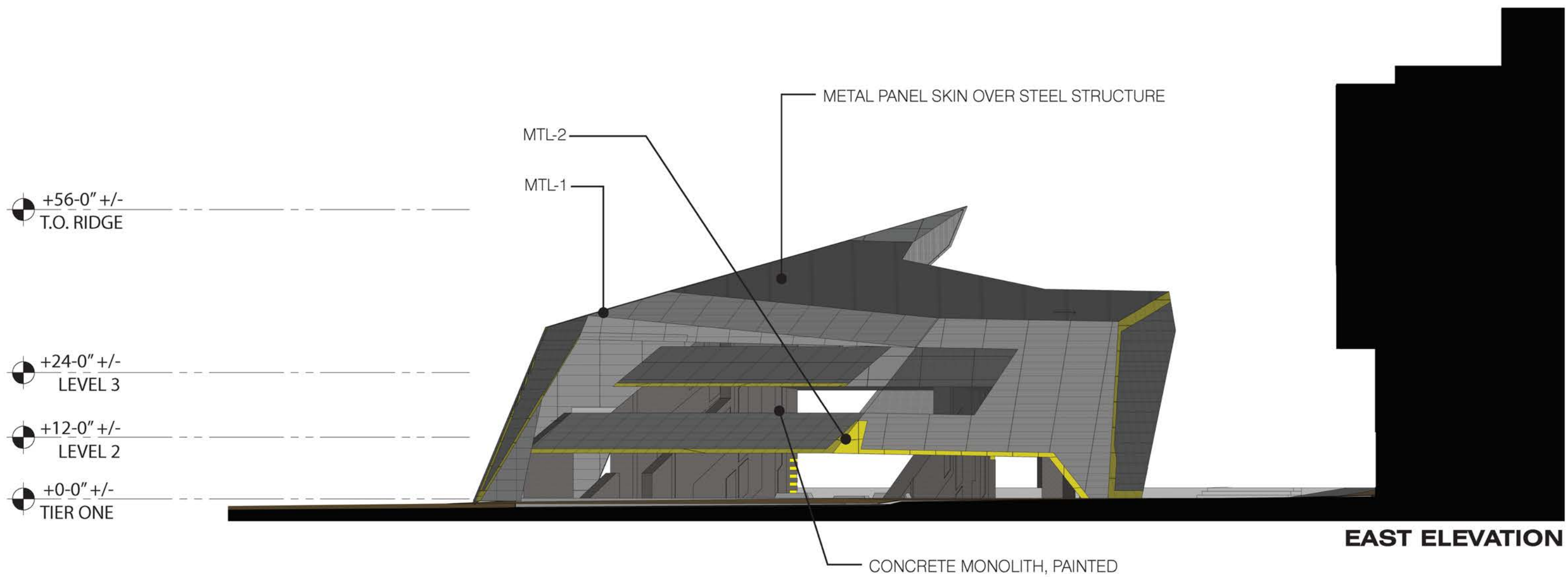


SENATE CONCEPTUAL ELEVATIONS

THERE IS A DESIRE AS AXON AND THE CAMPUS GROWS TO HAVE A SPACE THAT CAN FACILITATE LARGE SOCIAL EVENTS, PRESENTATIONS, STAFF EVENTS AND CELEBRATIONS. THE SENATE IS CONCEIVED AS A MULTI-TIER FUTURISTIC FORM THAT CAN BE BUILT IN PHASES TO ACCOMMODATE THESE FUNCTION DURING AXON'S GROWTH.



REFERENCE MATERIAL BOARDS FOR ACTUAL MATERIAL SAMPLES



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PHASE: BASE



PHASE 2



PHASE 3



PHASE 4

SENATE CONCEPTUAL PHASING
THE SENATE CONCEPT ALLOWS PHASED GROWTH TO RESPOND TO THE AXON CAMPUS' NEEDS. THE FIRST PHASE: **BASE** IS THE TIERED, LANDSCAPED PLAZA IN THE INITIAL BUILD. THIS PLAZA MAY INCORPORATE THE INITIAL, CONCRETE MONOLITHS, **PHASE 2** THAT COULD HAVE TENSILE SHADE FABRIC STRETCHED BETWEEN THEM (**PHASE 3**) TO CREATE A SERIES OF SHADED OUTDOOR SPACES FOR STAFF AND EVENTS. THE NEXT PHASE, **PHASE 4**, COULD ENTAIL THE ADDITION OF A SECOND LEVEL STRUCTURE TO ACCOMMODATE INCREASED CAPACITY, AND ULTIMATELY THE FULL FUTURISTIC FORM CLAD IN METAL PANEL TO MATCH THE FIRST BUILDING WOULD BE THE **FINAL PHASE**

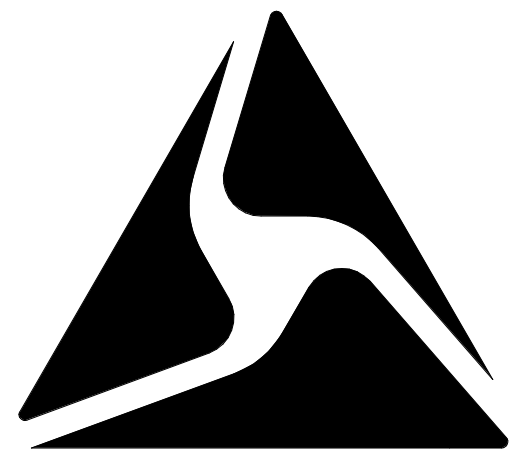


PHASE: FINAL

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AXON

ARIZONA STATE ROUTE 101

AXON CAMPUS

E MAYO BLVD

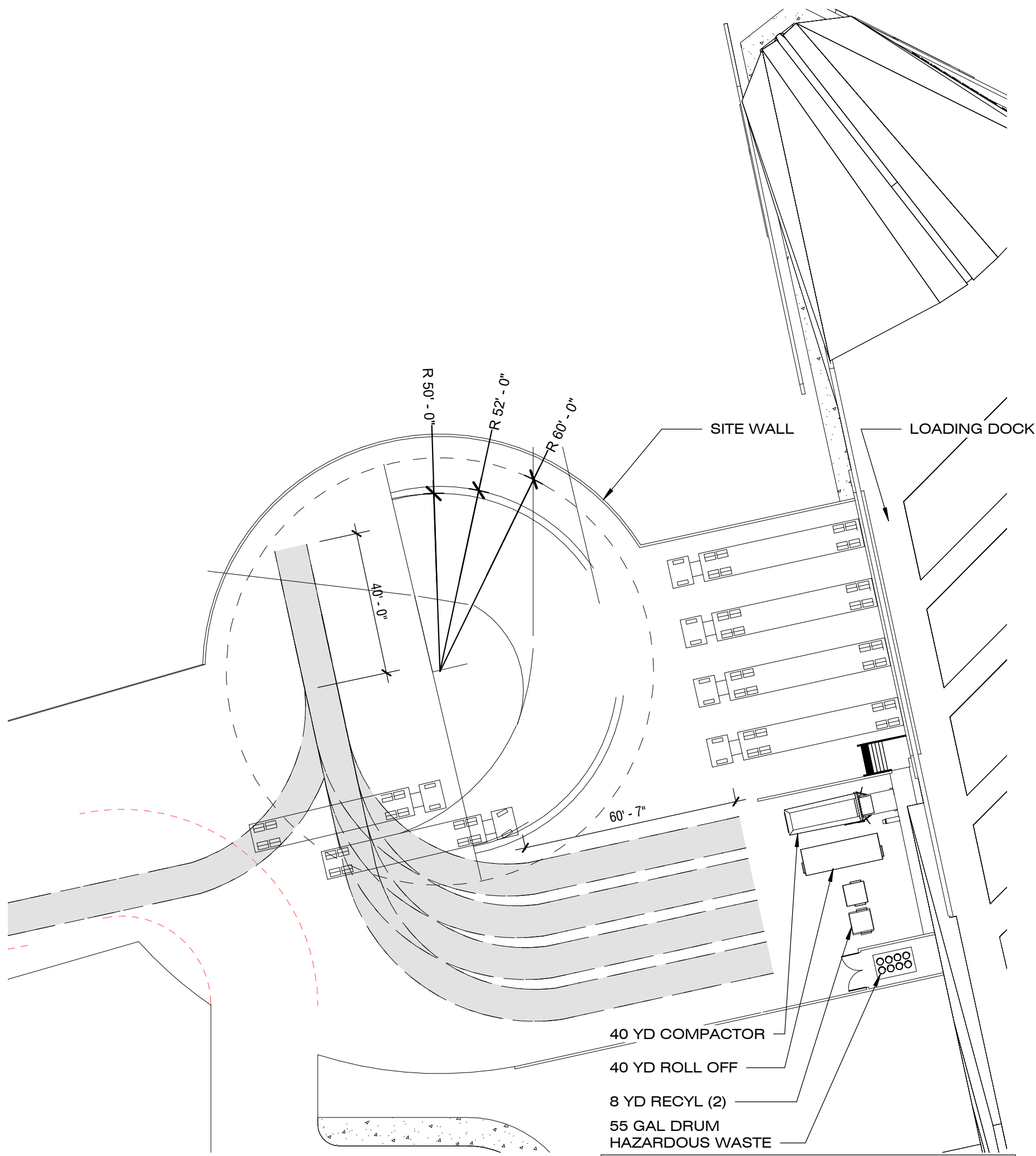
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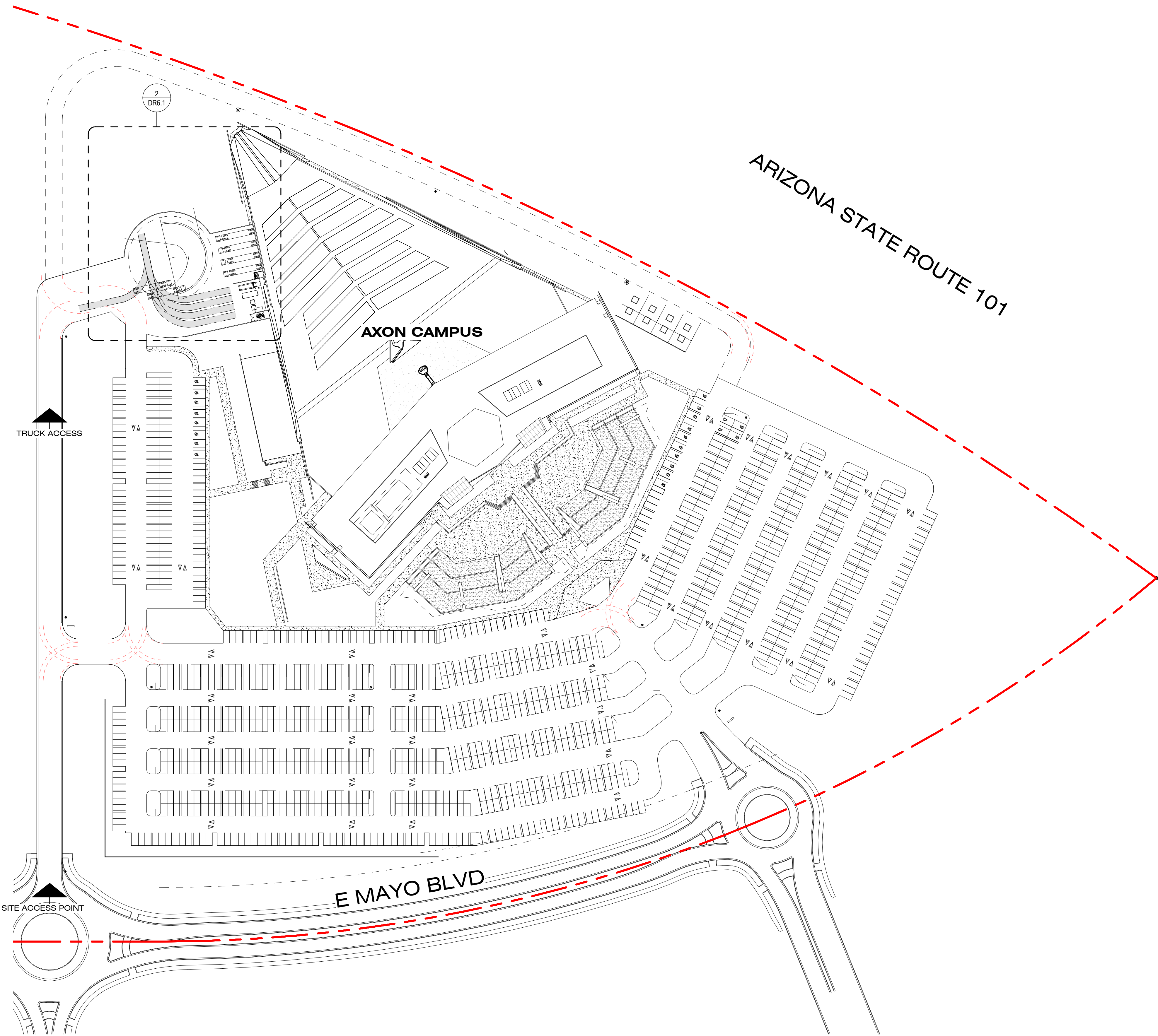
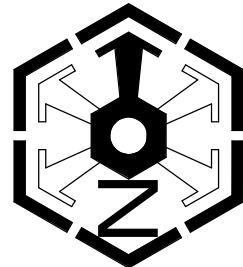
REFUSE PLAN

22070



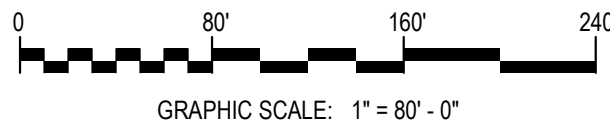
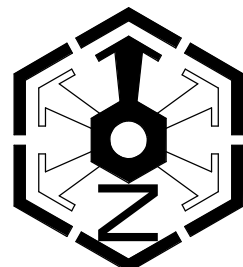
2 | ENLARGED REFUSE PLAN

1" = 30'-0"



1 | REFUSE PLAN

1" = 80'-0"

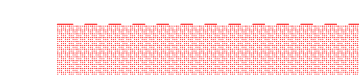




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LEGEND



FIRE LANE



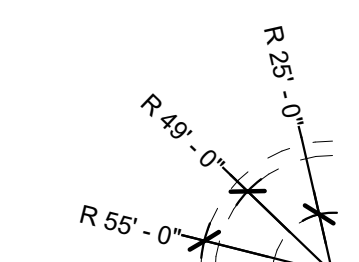
TURNING RADII



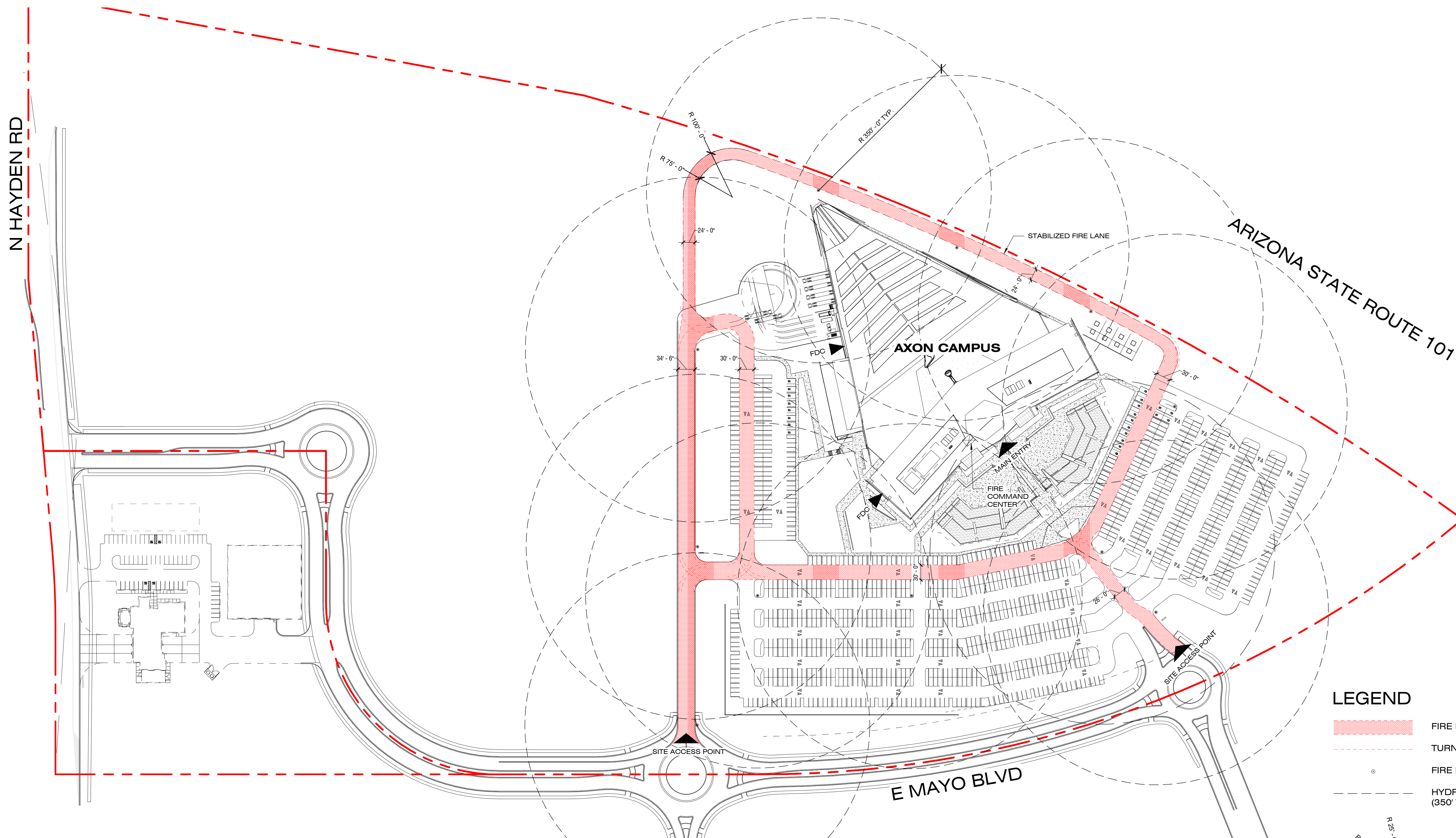
FIRE HYDRANT



HYDRANT RADII
(350' TYP.)

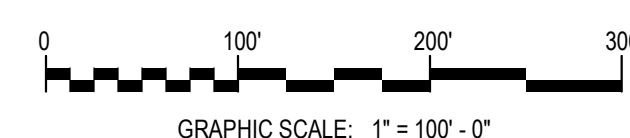
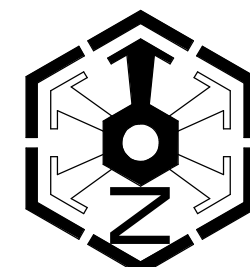


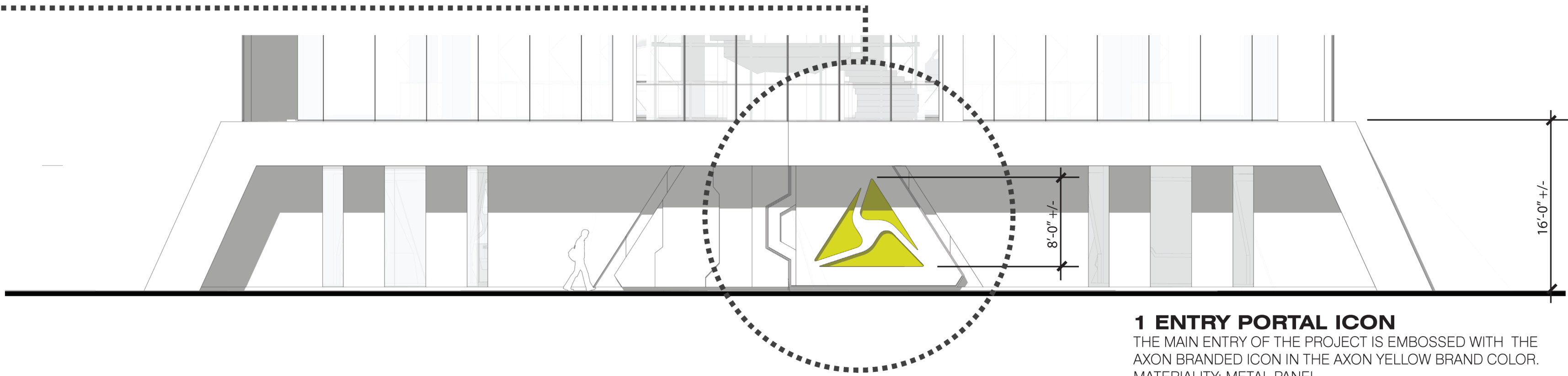
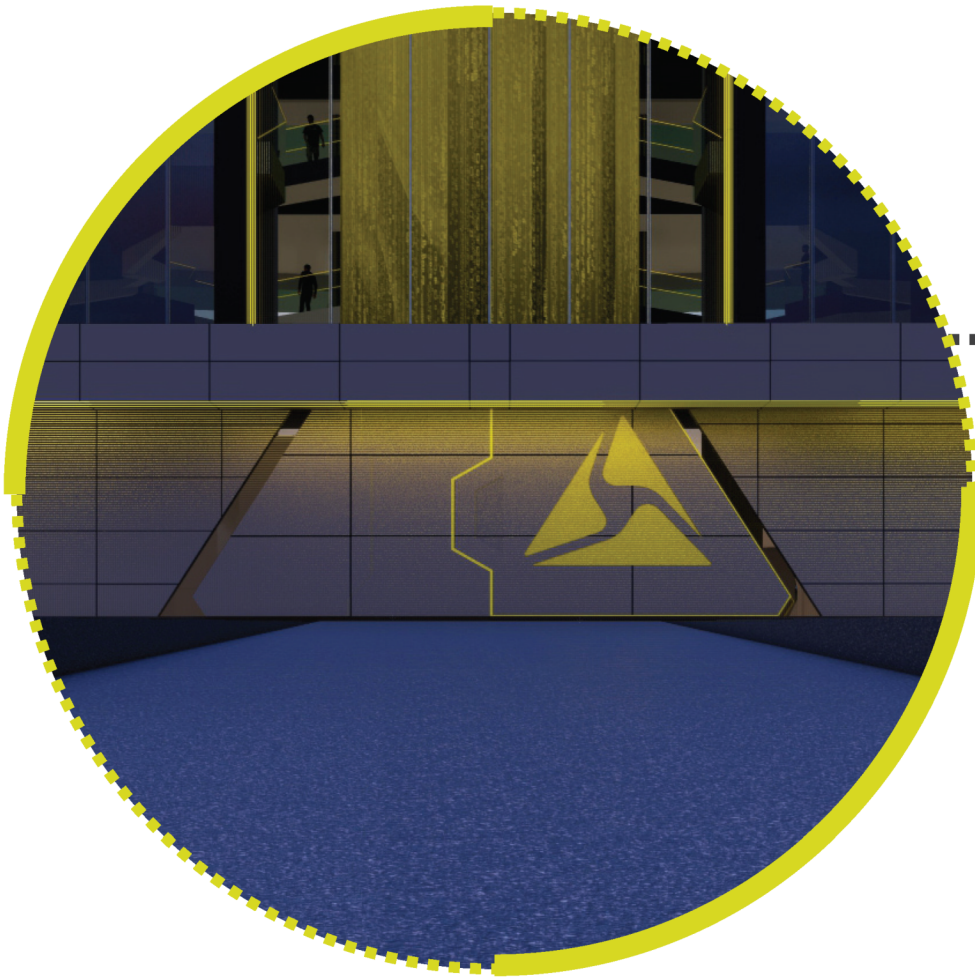
*TYPICAL RADII
UNLESS NOTED
OTHERWISE



1 | FIRE ACCESS PLAN

1" = 100'-0"



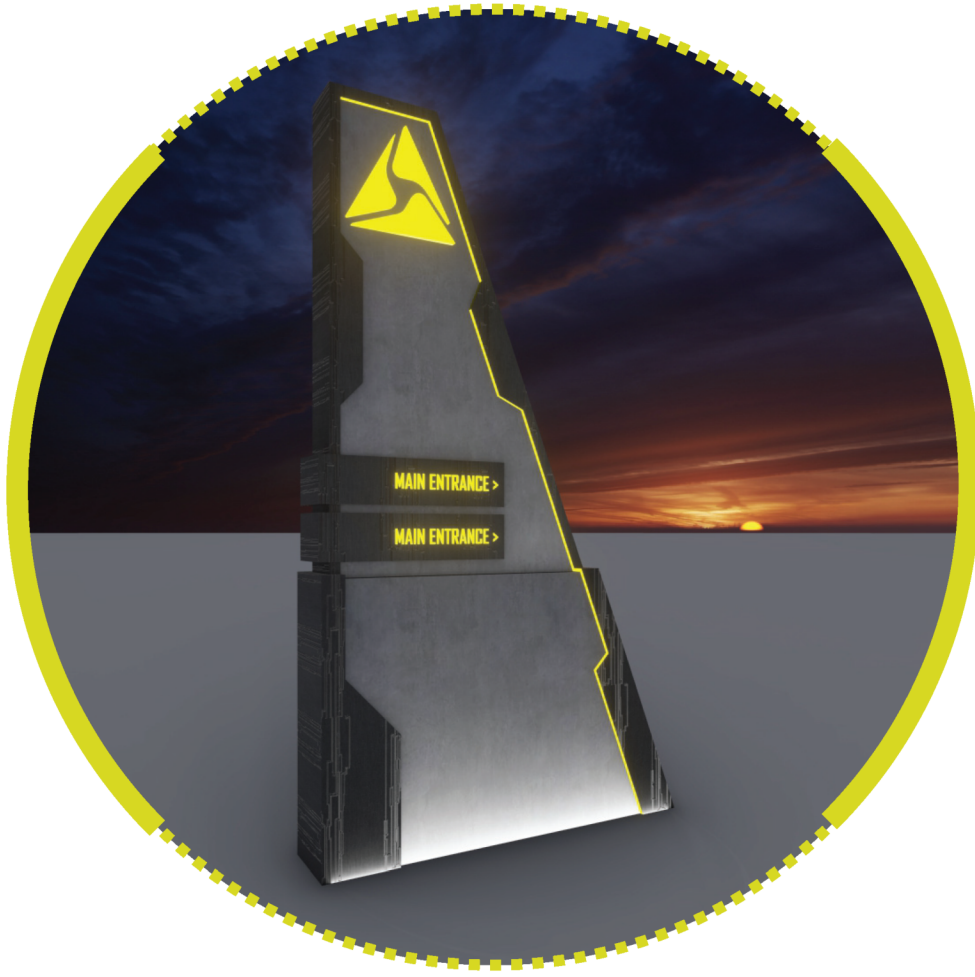


1 ENTRY PORTAL ICON

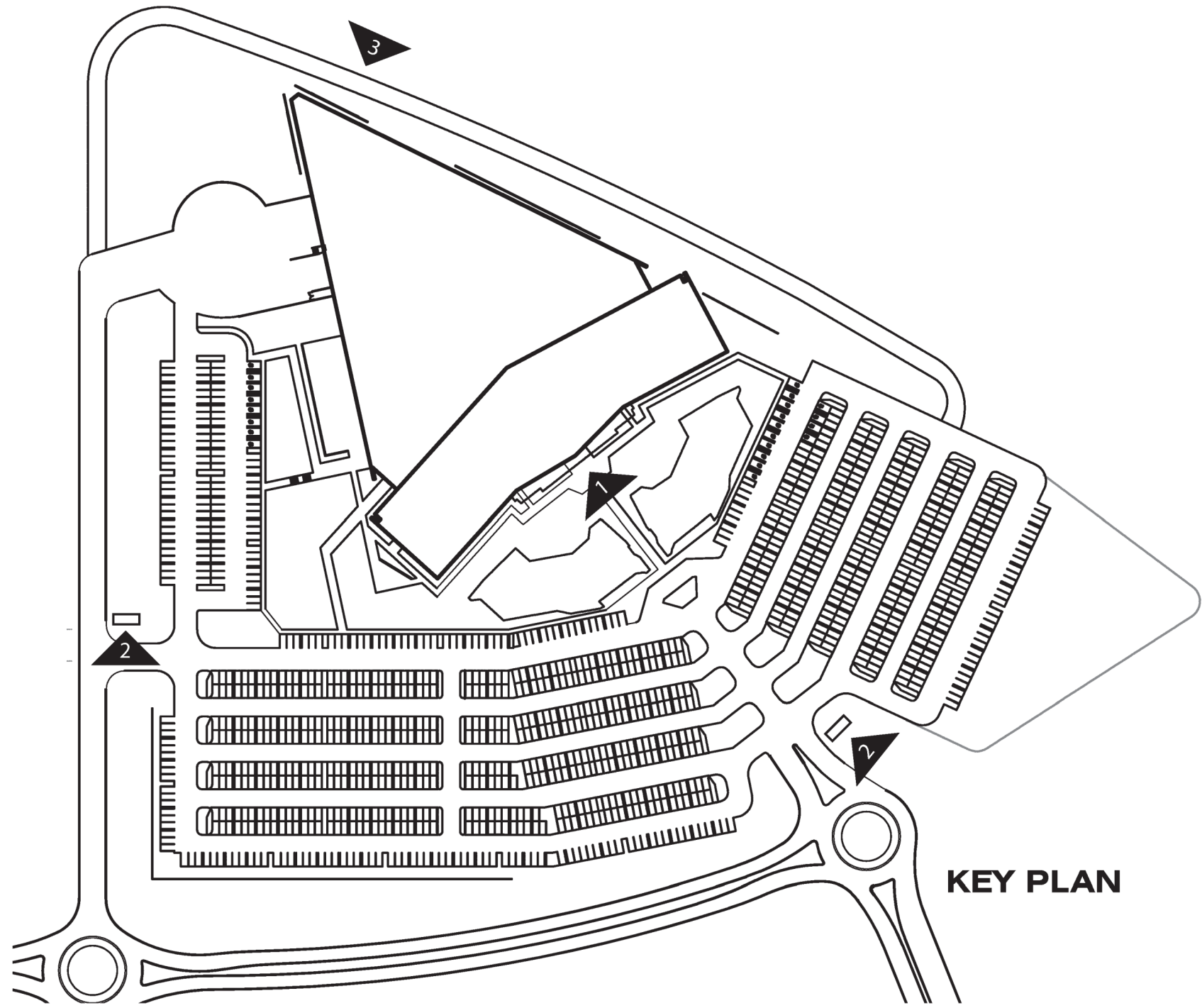
THE MAIN ENTRY OF THE PROJECT IS EMBOSSED WITH THE AXON BRANDED ICON IN THE AXON YELLOW BRAND COLOR. MATERIALITY: METAL PANEL



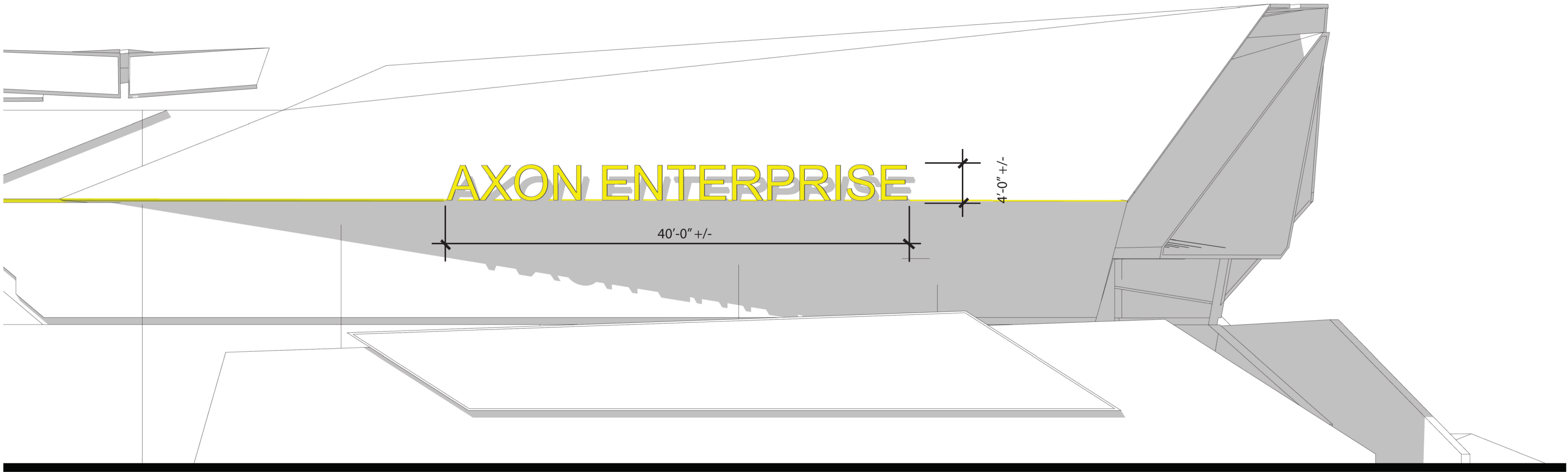
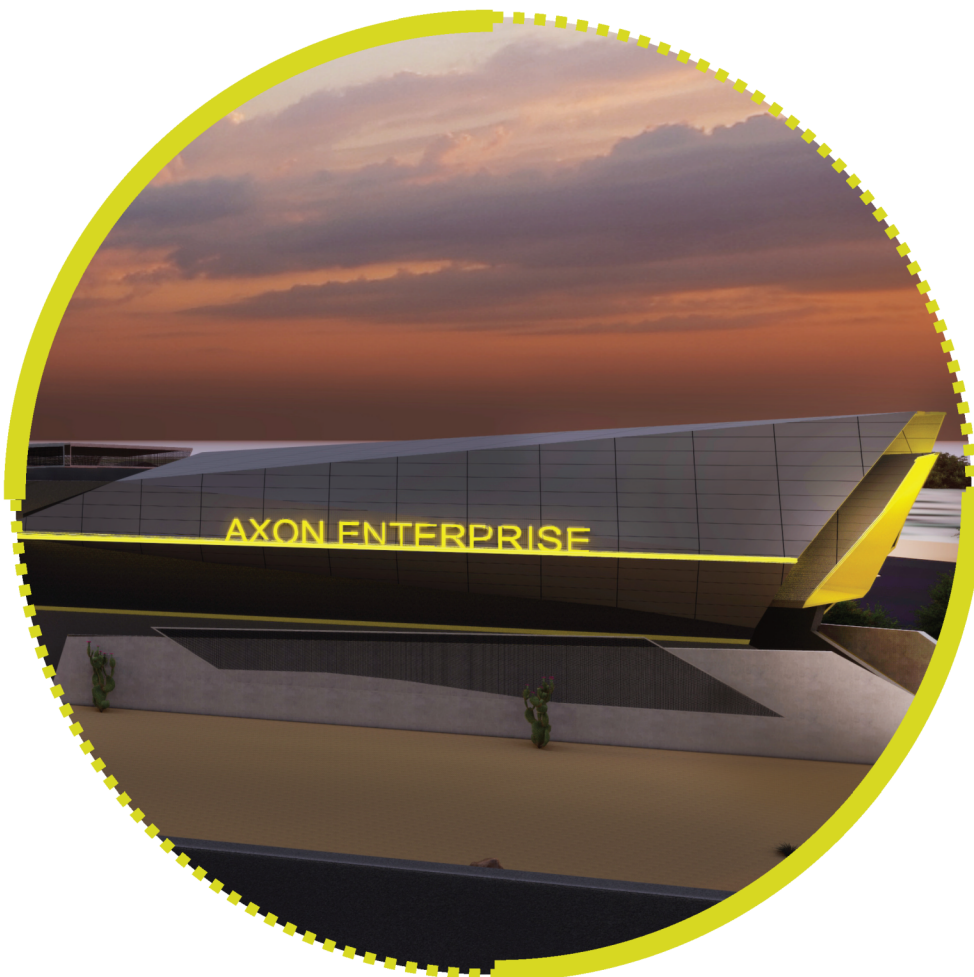
DAY



NIGHT

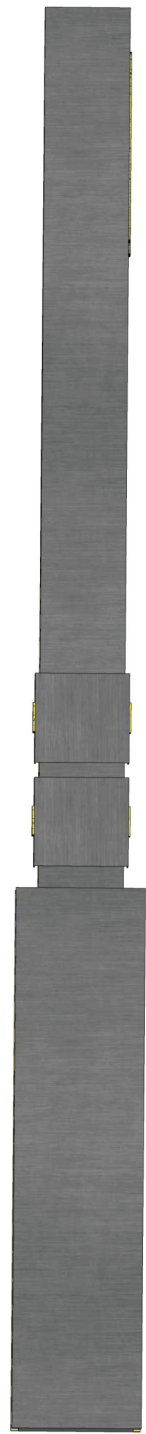


KEY PLAN

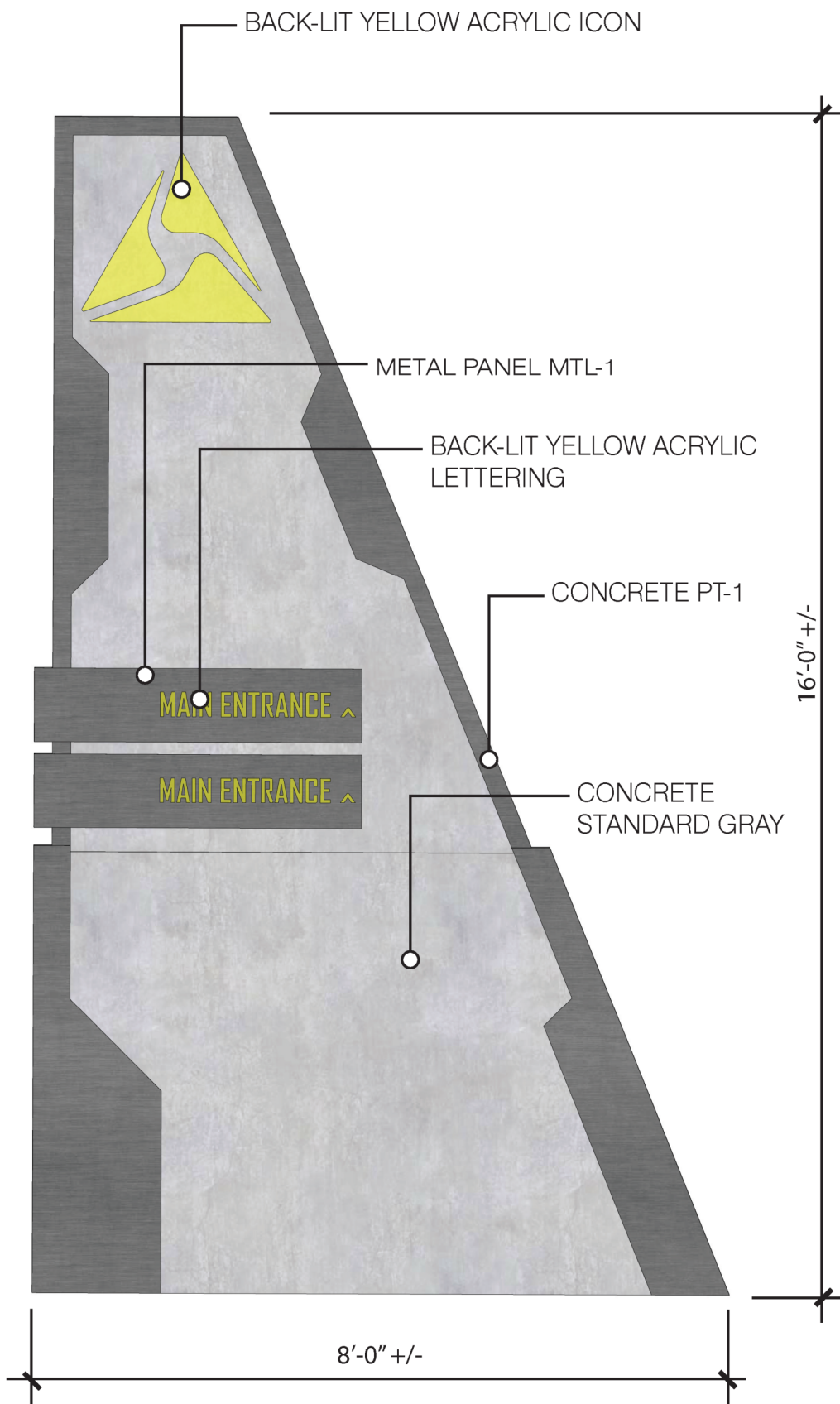


3 BUILDING SIGNAGE

ILLUMINATED SIGNAGE THAT WILL FACE THE ADJACENT FREEWAY AND VISUALLY INTEGRATE WITH THE BUILDING ACCENT LIGHTING



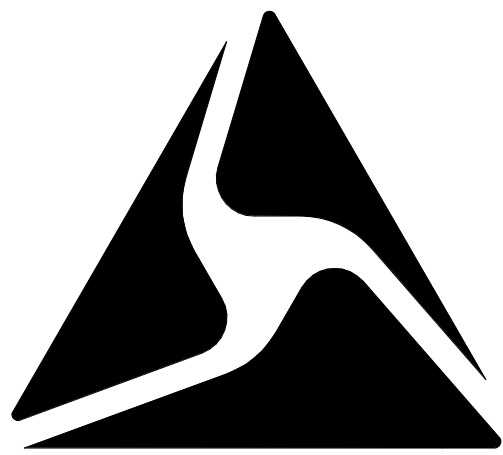
SIDE ELEVATION



FRONT ELEVATION

2 MONUMENT AND DIRECTIONAL SITE SIGNAGE

THE MONUMENT AND DIRECTIONAL SIGNS ARE PROPOSED TO BLEND INTO THE SCI-FI INSPIRED AESTHETIC. MATERIALS WILL BE THE 2 COLORED CONCRETE USED ON THE BUILDING WITH BACK-LIT YELLOW ACRYLIC FOR THE LETTERING AND AXON ICON

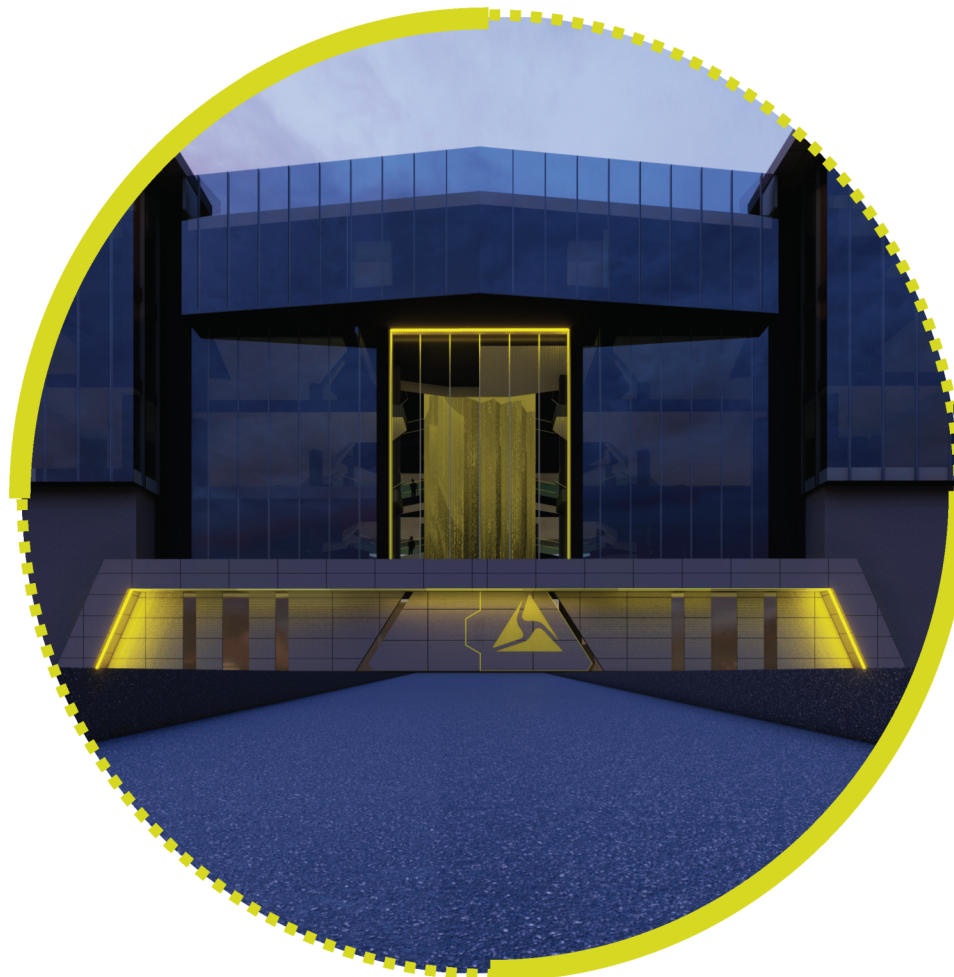
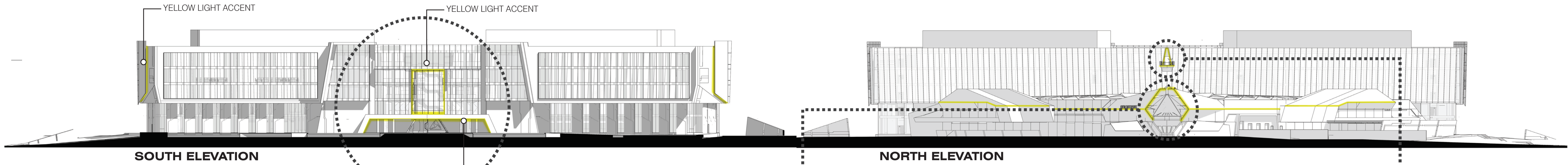


AXON

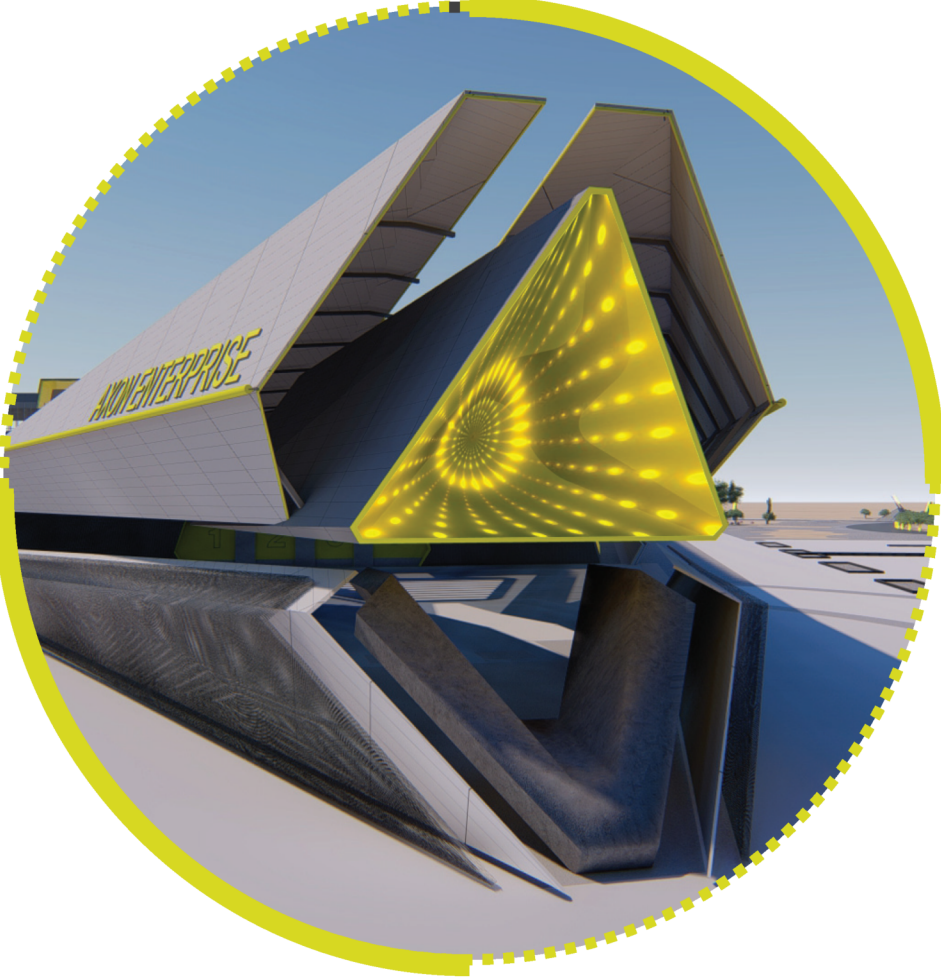
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DR6.3



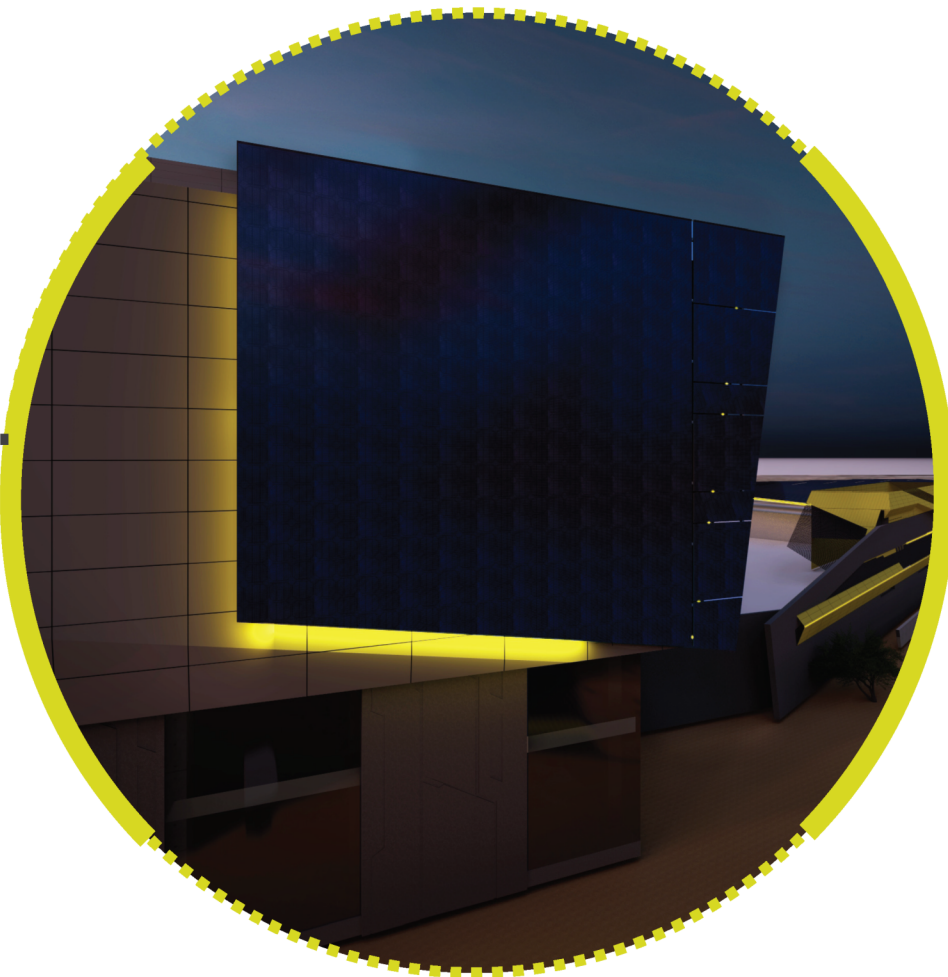
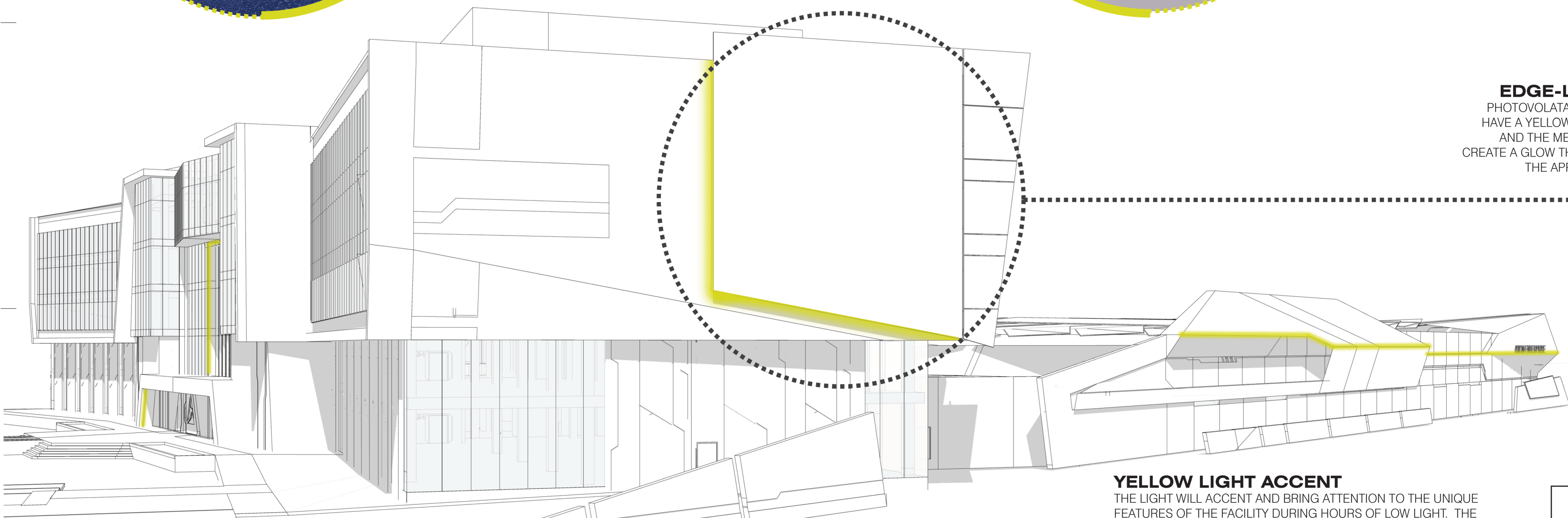
ENTRY PORTAL
MAIN ENTRY OF BUILDING IS FRAMED WITH A PERIMETER OF YELLOW LIGHT ACCENTING THE SHAPE AND ASSISTING WITH WAYFINDING. THE FRAMED VIEW THROUGH THE GLASS ABOVE ALLOWS A GLIMPSE OF THE CENTERPIECE STAIR IN THE 5 LEVEL LOBBY.



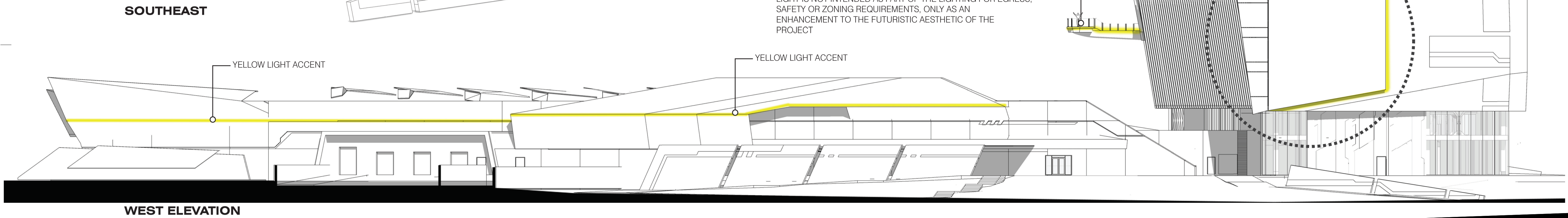
WAVE MOTION FEATURE
THE INTERIOR SURFACES OF THIS FEATURE WILL BE A VIDEO WALL OF DIRECT VIDEO SCREENS. THIS IS THE SAME TECHNOLOGY USED IN DIGITAL BILLBOARDS ALONG THE HIGHWAY. THIS WILL ALLOW IT TO HAVE CHANGING LIGHT AND SWIRLING EFFECTS. THERE IS NO PROJECTED LIGHT FROM THIS AND THE BRIGHTNESS LEVEL (NITS) GUIDELINES FOR DIGITAL BILLBOARDS TO DETERMINE BRIGHTNESS LEVELS THAT WILL BE APPROPRIATE IN THIS LOCATION.



OVERLOOK
THE PORTAL AND OVERLOOK OFFER A CHANCE AT FANTASTIC VIEWS OF THE AZ LANDSCAPE TO THE NORTH AS WELL AS A SUBTLY LIT AXON ICON ON THE ROOFTOP GATHERING SPACE



EDGE-LIT PHOTOVOLTAIC PANELS
PHOTOVOLTAIC ARRAY ON EAST AND WEST FACADES WILL HAVE A YELLOW LIGHT IN THE REVEAL BETWEEN THE PANELS AND THE METAL PANEL SKIN OF THE BUILDING. THIS WILL CREATE A GLOW THAT WILL ACCENT THE SHAPE AND GIVE THEM THE APPEARANCE OF FLOATING ABOVE THE FACADE.



YELLOW LIGHT ACCENT
THE LIGHT WILL ACCENT AND BRING ATTENTION TO THE UNIQUE FEATURES OF THE FACILITY DURING HOURS OF LOW LIGHT. THE LIGHT IS NOT INTENDED AS PART OF THE LIGHTING FOR EGRESS, SAFETY OR ZONING REQUIREMENTS, ONLY AS AN ENHANCEMENT TO THE FUTURISTIC AESTHETIC OF THE PROJECT

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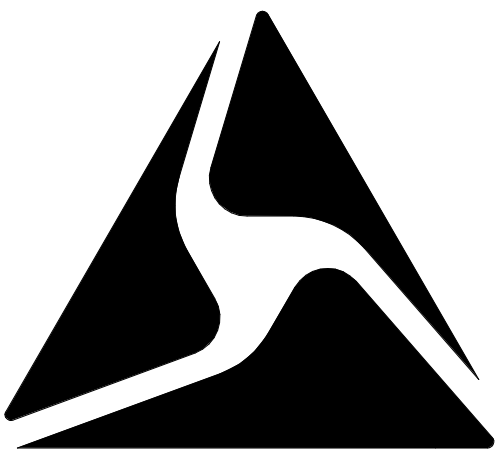
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DESIGN REVIEW	20	11SEP

DR6.4

SHEET NOTES

- A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.
- B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

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602.265.2200
www.smithgroup.com



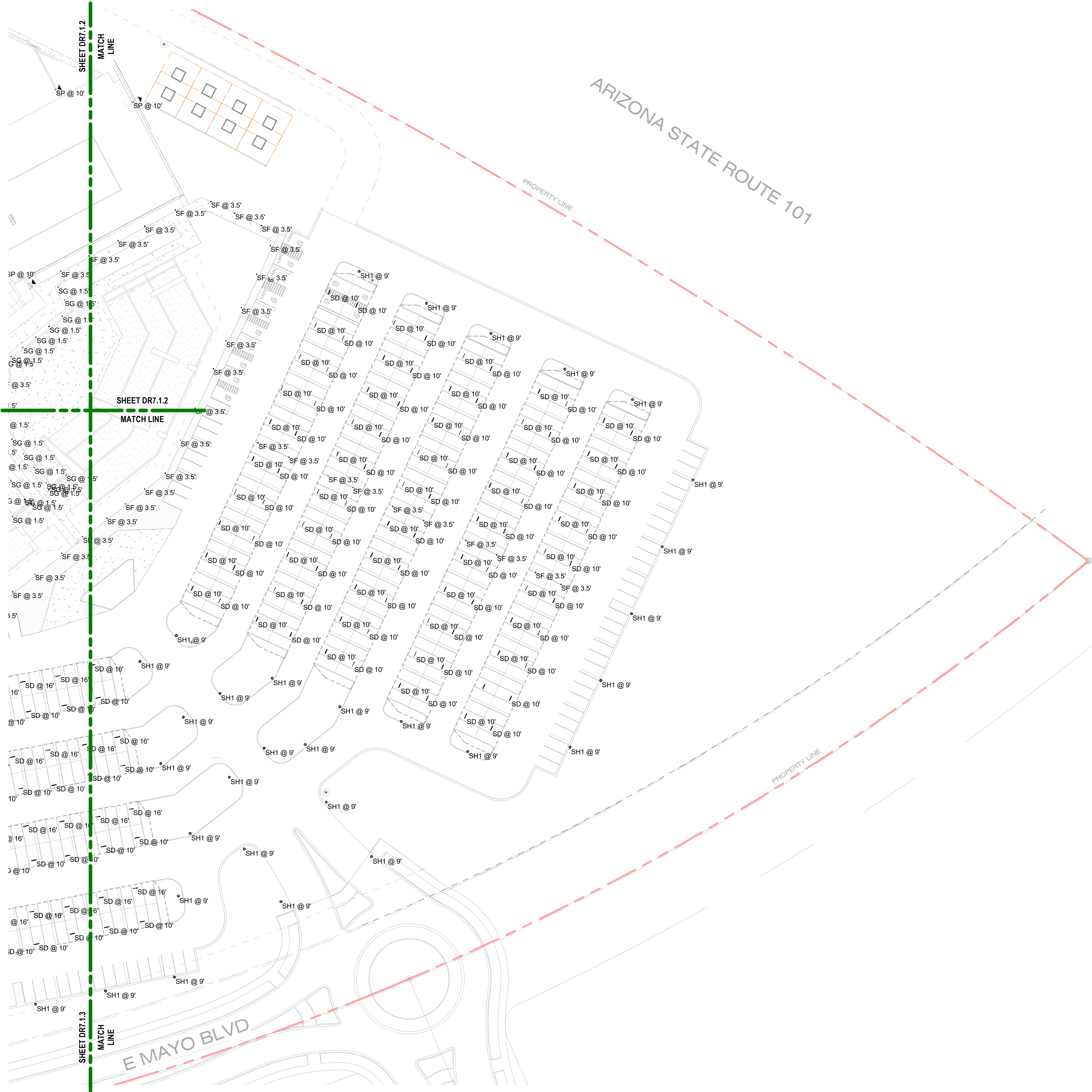
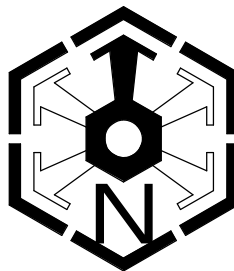
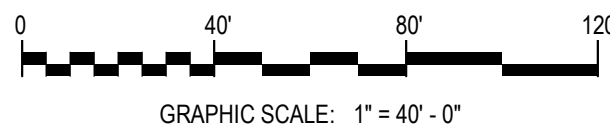
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1 | SITE LIGHTING PLAN A

1" = 40'-0"



DR7.1.1

SHEET NOTES

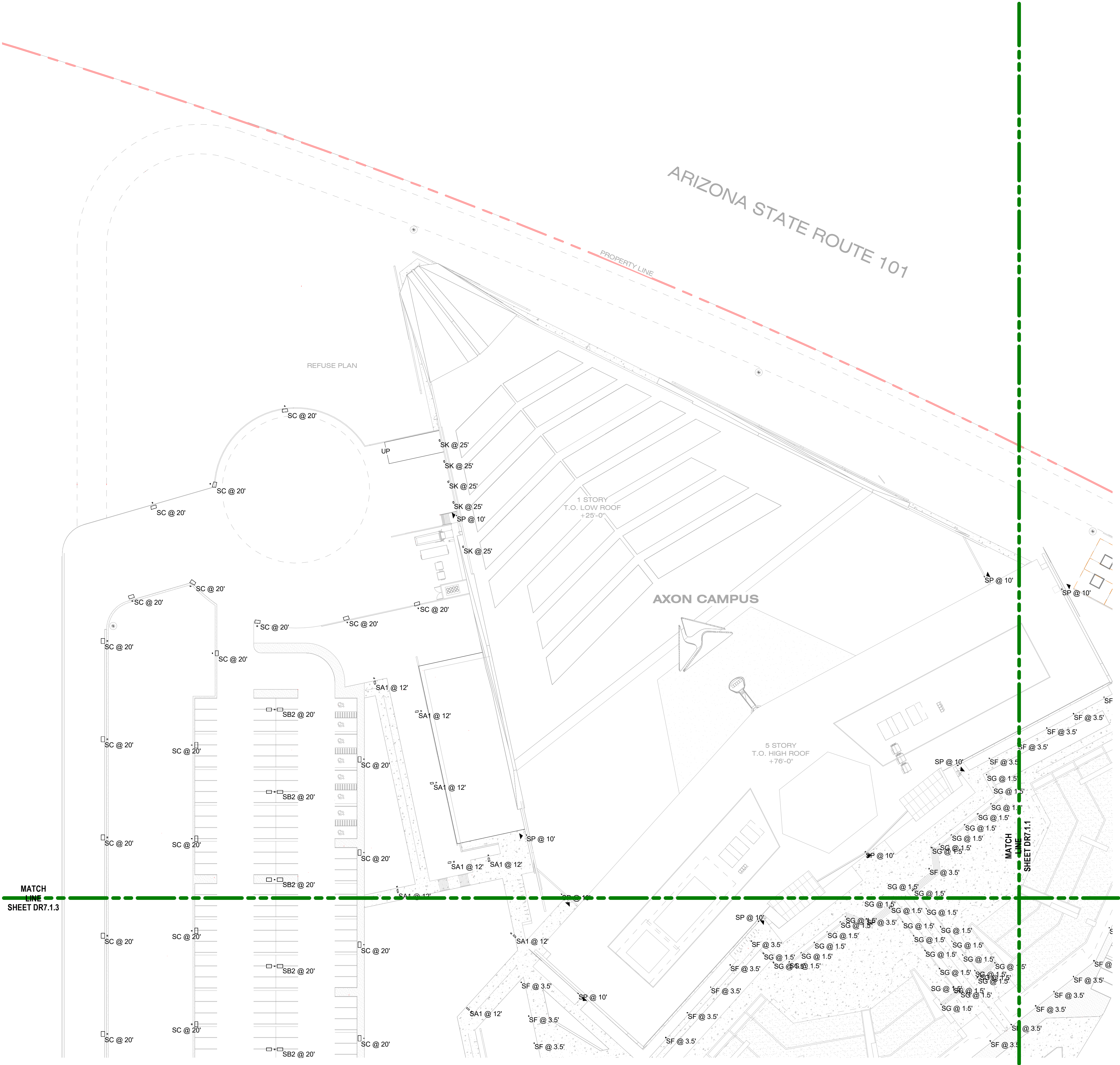
- A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.
- B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



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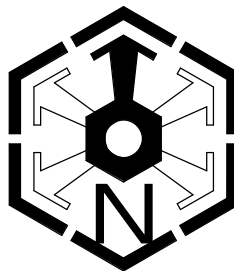


1 | SITE LIGHTING PLAN B

1" = 40'-0"

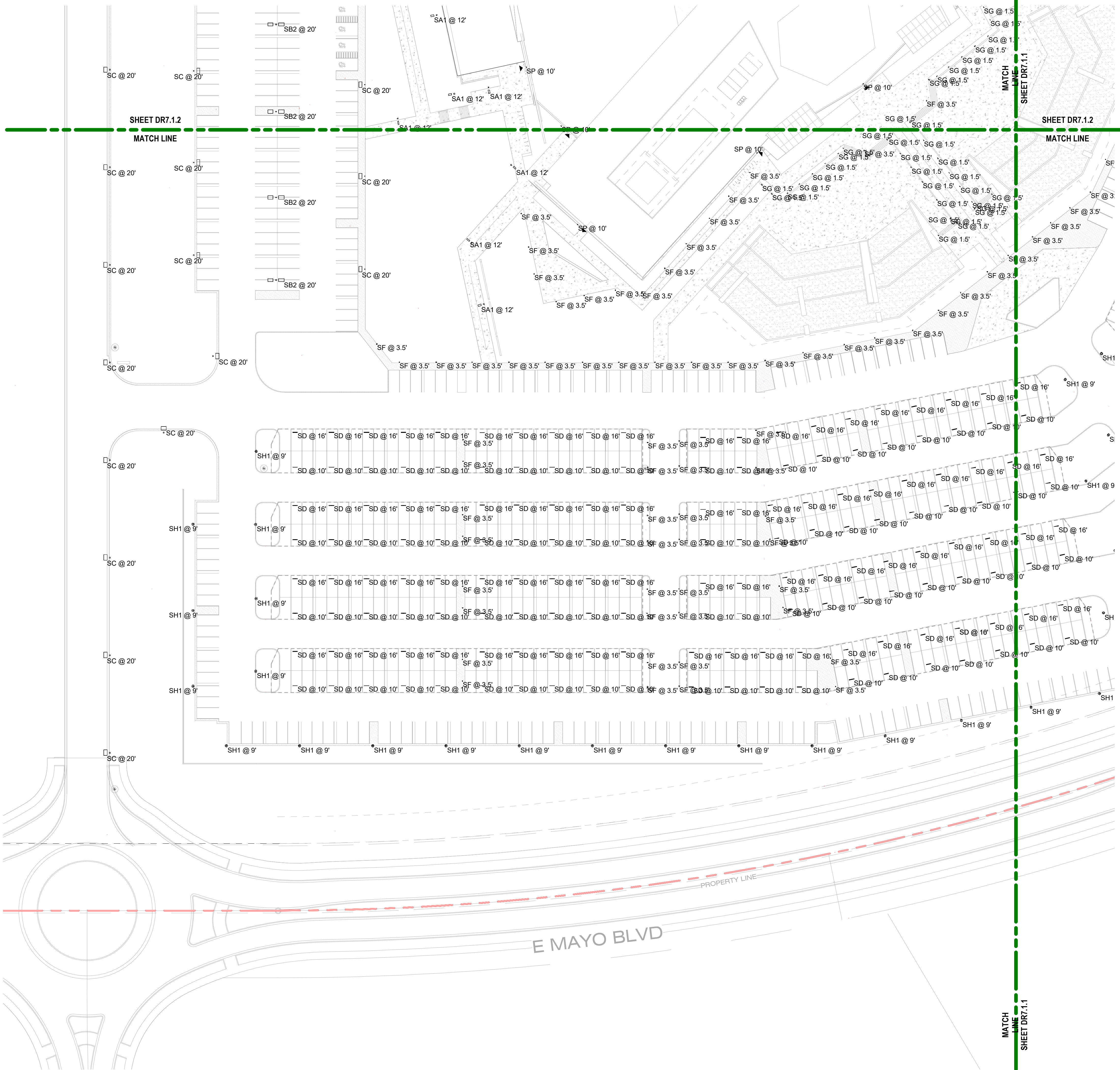


GRAPHIC SCALE: 1" = 40' - 0"



SHEET NOTES

- A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.
- B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



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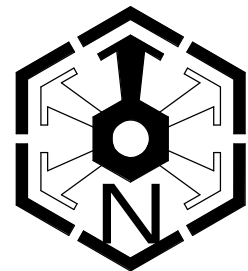
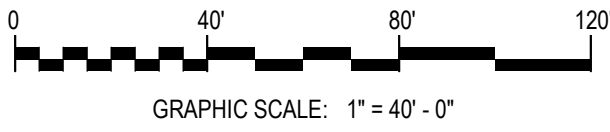


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CONSTRUCTION

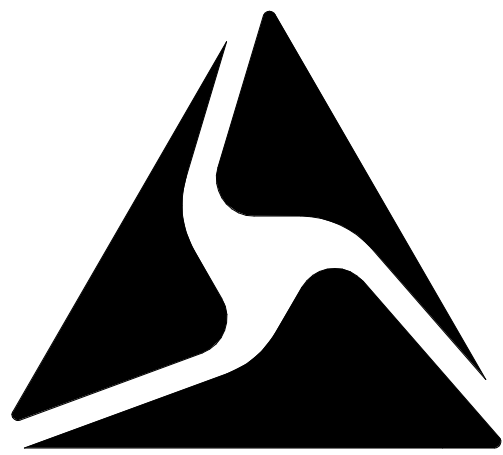
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1 | SITE LIGHTING PLAN C

1" = 40'-0"



DR7.1.3



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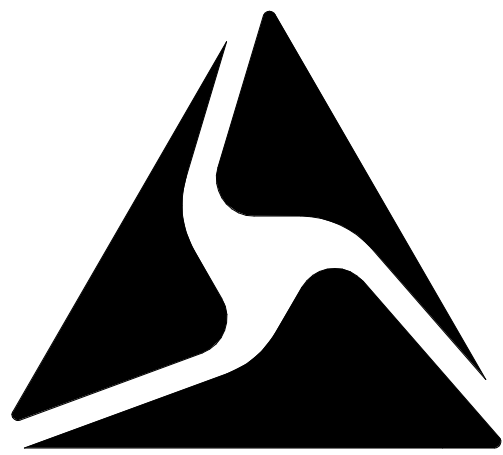
ISSUED FOR	YR	DATE
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DR7.1.4

SHEET NOTES

- A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SP' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SP' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.
- B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

Schedule										
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Filename	Lumens per Lamp	LLF	Wattage
	SA1	9	SELUX Corporation	AV4-R3W-SA-0-L1-0 40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 12'-0" ON 3" CONCRETE BASE	Avanza 450 w/ 0 Tilt	LED	AV4-S1-0-L105-R3W-30-120.ies	3565	0.91	56
	SB2	5	SELUX Corporation	(2) AV6-R5-L2-0-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 17.5' W/2.5' BASE	Twin-head Avanza 600 Typ V w/ 0 Tilt	LED	AV6-S1-0-L105-R5-30-120.IES	6450	0.91	214
	SC	29	SELUX Corporation	AV6-R3W-L1-0-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 17.5' W/2.5' BASE	Avanza 600 w/ 0 Tilt	LED	AV6-S1-0-L105-R3W-30-120.ies	6418	0.91	107
	SD	266	AXIS LIGHTING	WBSLED 750 80 40 S 4' (FINISH) UNV DP 1 SC	AXIS LIGHTING WET BEAM DIRECT LED LUMINAIRE WITH WHITE REFLECTOR AND WHITE TRANSLUCENT LENS	LED	WBSLED-750-80-35-S.ies	2975	0.91	33
	SF	95	SELUX Corporation	IBL-3.5-2Q90-40-(FINISH)-(VOLTAGE)	Cast gray aluminum housing, clear plastic enclosure	LED	IBL-X-2Q90-30-XX-120-DS.ies	1083	0.91	14.12
	SG	36	COLE LIGHTING	L612W-(FINISH)-4K	3-3/4"L X 14"W. X 4"H. LED STEPLIGHT 8 MODULES WITH 3 4000K LEDS WITH CLEAR TEMPERED GLASS LENS	LED	L612_L12125007.IES	147	0.91	8.88
	SH1	48	SELUX Corporation	MEXRL-R3-5G530-40-(FINISH)-UNV / SSS 9'-0" ON 3" CONCRETE BASE	MODULAR EXELIA LED. TYPE 3	LED	EXRL-X-R3-5G530-30-XX-UNV.ies	4686	0.91	50
	SK	5	SELUX Corporation	AV6-R3W-SW-0-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE)	Wall mount Avanza 600 w/ 0 Tilt	LED	AV6-S1-0-L105-R3W-30-120.ies	6418	0.91	107
	SP	10	BEGA	33361-K4 (FINISH)	WALL MOUNT	LED	33361_BEGA_IES.ies	1726	0.91	19.5
	SR	ACCENT LIGHTING	KELVIX	SW3 (LENGTH) 40K (BENDING) (FEED POINT) (FEED LENGTH) - USING A MODIFIED FIXTURE OF 580nm	LED NEON RIBBON LIGHT	LED	Signwave 3 - 4000K - 1 meter.IES	480	0.91	12
	SS	ACCENT LIGHTING	Aculux	AX2SQ A G2 15LM 40K 80CRI 35D ZT MVOLT + 2SQAPIN BD (FLANGE STYLE/FINISH) WET	2" SQUARE ADJUSTABLE ACULUX 18W LED, FLOOD OPTIC	LED	AX2SQ_A_G2_15LM_30K_80CRI_35D_FPC_120+_2SQAPIN_BD_WET.ies	947	0.91	17.29



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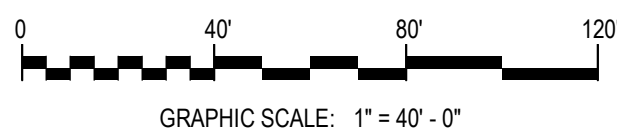
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	✕	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A

SHEET NOTES

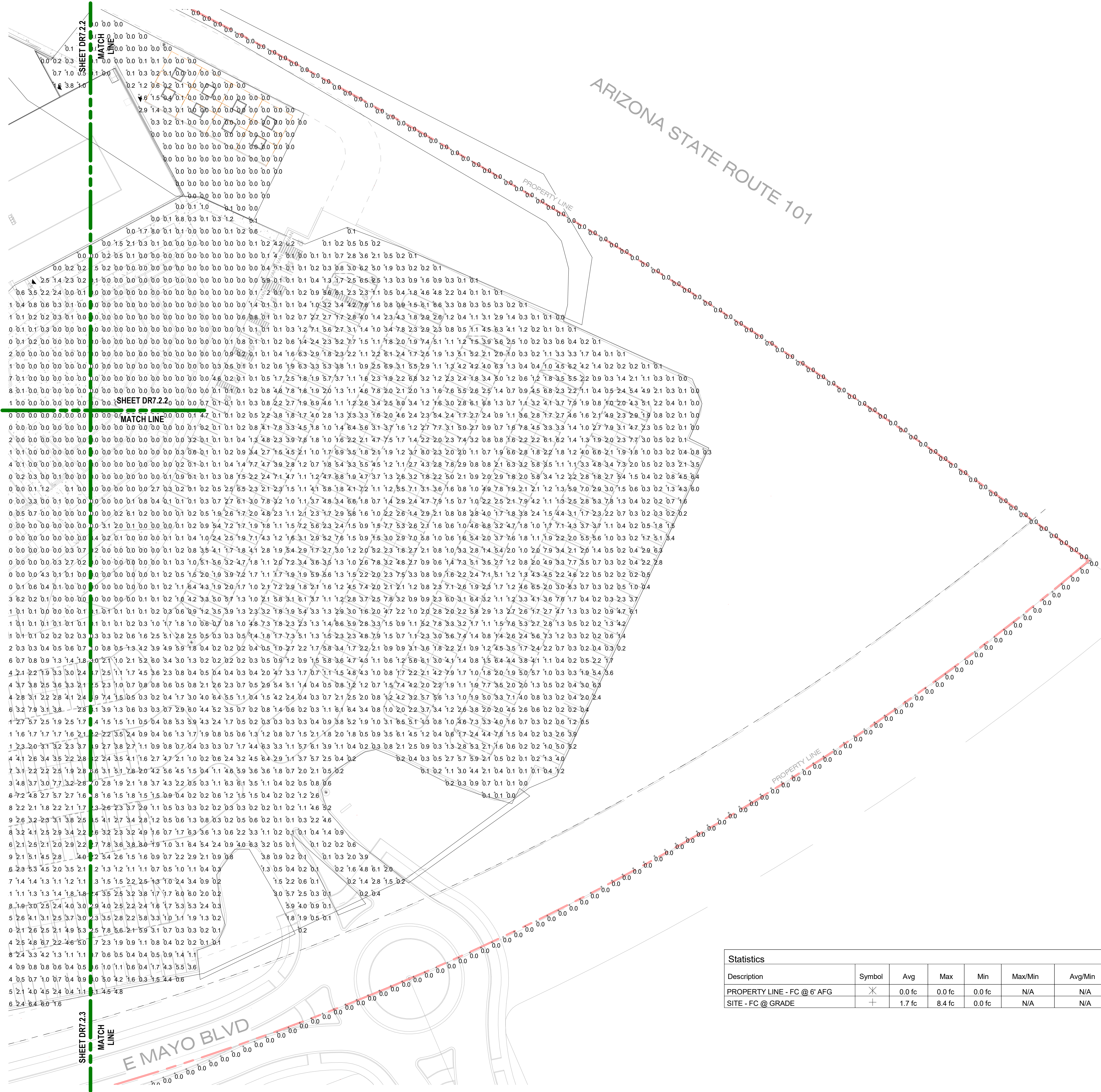
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1 SITE PHOTOMETRIC PLAN A

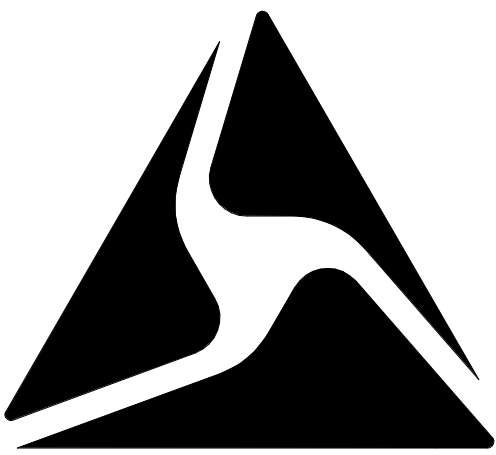
1" = 40'-0"



GRAPHIC SCALE: 1" = 40' - 0"



DR7.2.1



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Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	X	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A

ARIZONA STATE ROUTE 101

AXON CAMPUS

5 STORY
T.O. HIGH ROOF
+76'-0"

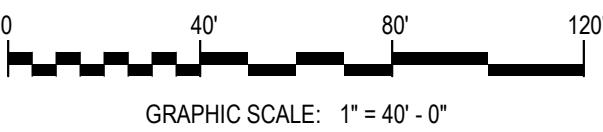
1 STORY
T.O. LOW ROOF
+25'-0"

SHEET NOTES

- A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.
- B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

1 | SITE PHOTOMETRIC PLAN B

1" = 40'-0"



GRAPHIC SCALE: 1" = 40' - 0"





NOT FOR CONSTRUCTION

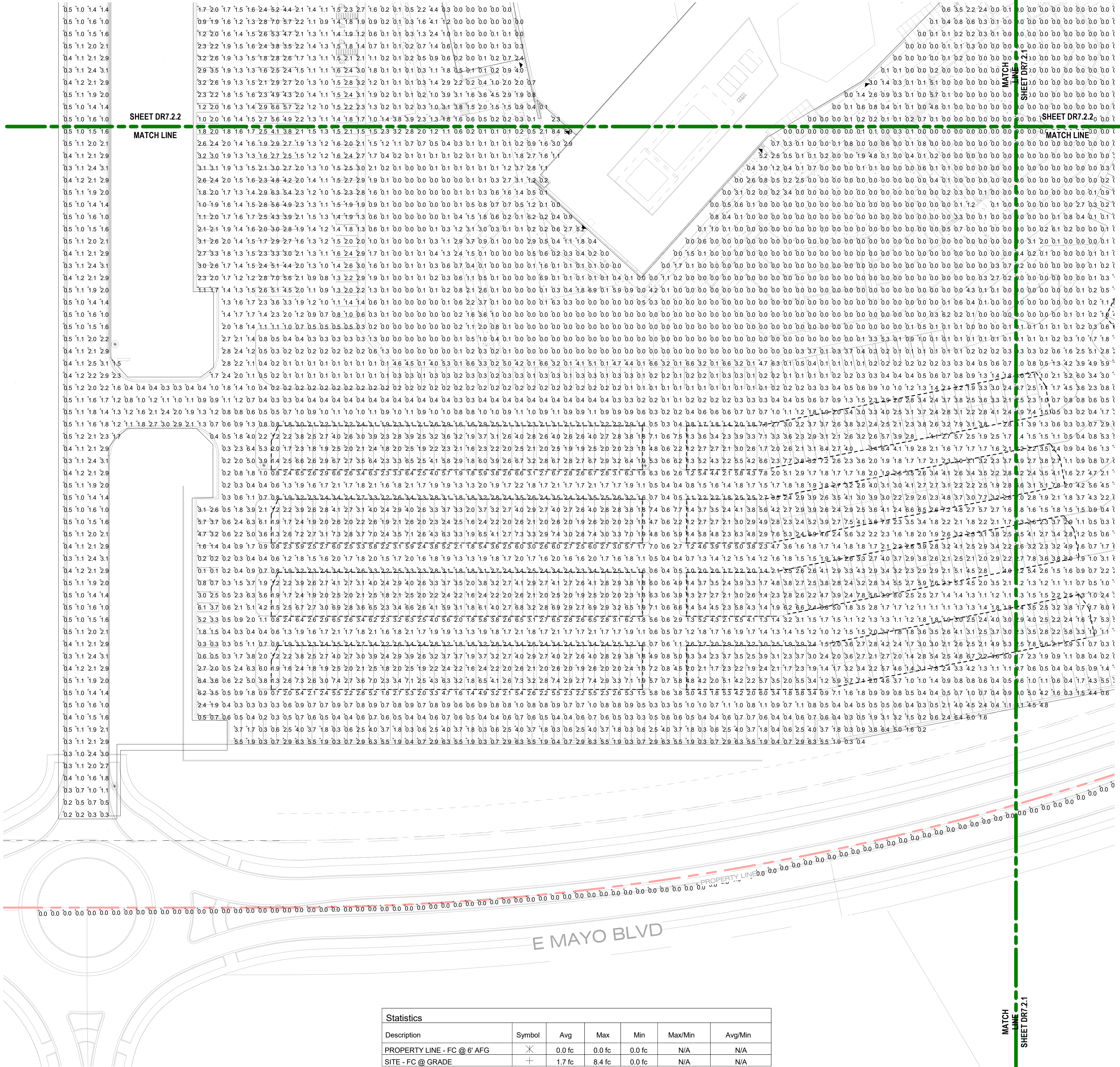
ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

DR7.2.3

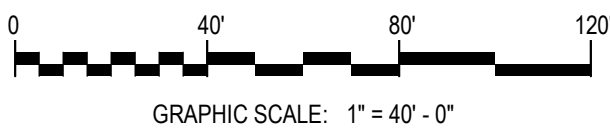
SITE PHOTOMETRIC PLAN

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR EXTERIOR ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

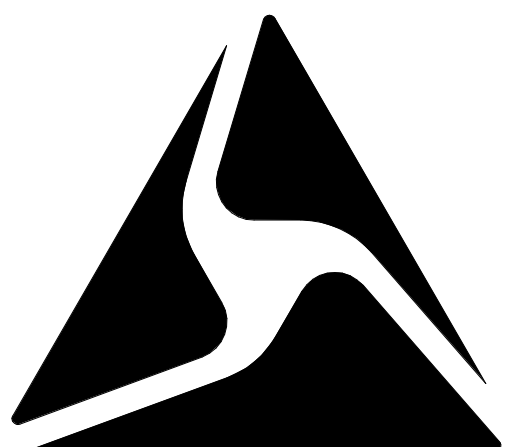
B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AVENUE CON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.



1 | SITE PHOTOMETRIC PLAN C



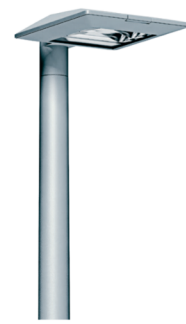
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	✕	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A



AXON

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SA1 Qty:

Avanza 450



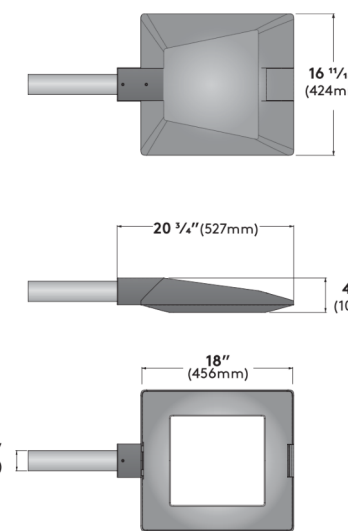
Order Code:	AV4	R3W	SA	0	L105	40	BK	
Pole Order Code:								
	Series	AV4 Accessory Kit		Series	Height	BK Finish	Options	
AV4	Series	AV4 Accessory Kit						
R3W	Optics	R3W Type III Distribution Wide	R3N Type III Distribution Narrow	R5 Type III Distribution Narrow				
SA	Mounting	SA1 Single Pole Adapter	S1 Single Short Arm Mount	S2 Double Short Arm (NBT)	L1 Single Long Arm (NBT)	L2 Double Long Arm Mount (NBT)	L4 ¹ Quad Long Arm Mount	SW Short Arms
								Not available with ST Not available with SP
0	Tilt of Mounting	0°	5°					
L105	Light Engine	L105 1000mA / 50W	L700 700mA / 35W					
40	CCT	30 3000K	40 4000K				*For other CCT please consult factory	
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX ² N/A	Hold length of arm and height of pole to determine power cord length
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specy Premium Color	
	Voltage	120V ³ 120V	208 208V	240 ⁴ 240V	277 ⁵ 277V	347 ⁶ 347V	480 ⁷ 480V	Equipped with step-down transformer
	Options	DM Dimming (0-10V)	HL301A ⁸ Hi-Low Switching	PC1 ⁹ Protocol	MS Motion Sensor (Passive Infrared) (Works Tie & Required) See page 3 for Order Code			102N, 347V Only 105V Light Engine only Not available with Tie & SP mounting Not available with HL30 105V-48V only, Connect the transformer

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Avanza 450

AV4



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitler - Part of upper aluminum housing for direct connection to standard Ø 2 1/4" (50mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metallized. IGA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).

Mounting Arm - Welded steel with powder coat finish. To fit Ø 3" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - (not shown) Designed to protect luminaire from electrical surge (20kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

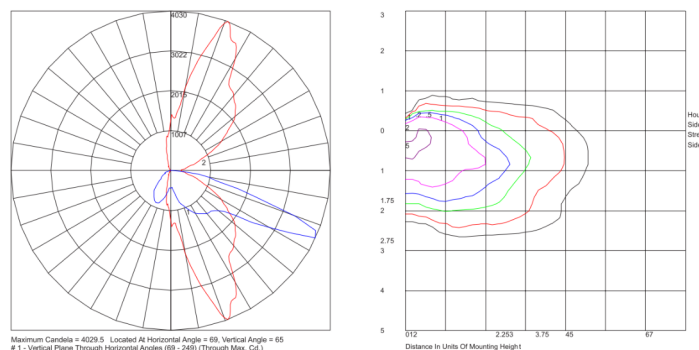
Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

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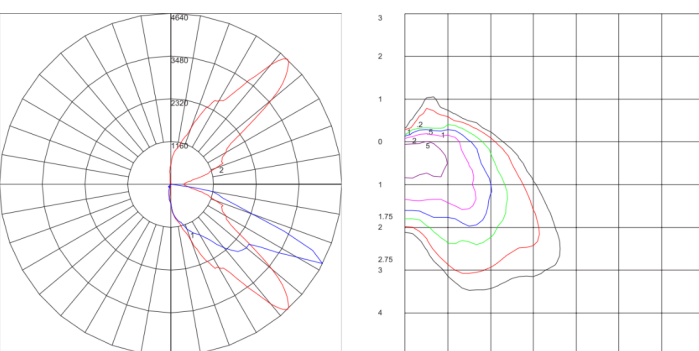
Avanza 450

Photometry

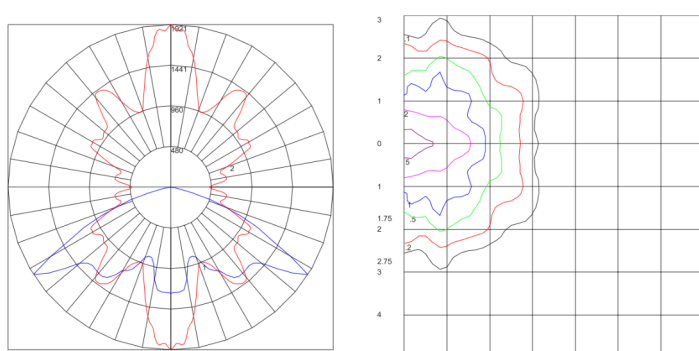
R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV4-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 4274
Input Watts: 56W
Efficiency: 76
CCT: 4000K
CRI (Ra): 80
Maximum candela of 4029 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-UD-G1



R3N Optics / 1050mA / 4000K CCT
Catalog #: AV4-S1-0°-L105-R3N-40-120
Report #: LM-63-1995
Delivered Lumens: 4275
Input Watts: 56W
Efficiency: 76
CCT: 4000K
CRI (Ra): 80
Maximum candela of 4460 at 65° from vertical.
IES classification: Type III Narrow
BUG Rating: B0-UD-G1



R5 Optics / 1050mA / 4000K CCT
Catalog #: AV4-S1-0°-L105-R5-40-120
Report #: LM-63-1995
Delivered Lumens: 4336
Input Watts: 56W
Efficiency: 77
CCT: 4000K
CRI (Ra): 80
Maximum candela of 1920 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B2-UD-G2

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Avanza 450

Photometry

Conversion Chart	
Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information (Based on R5 Optics)	Natural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	4316	2796	3600	2332
Wattage	56	58	56	58
Delivered Lumens per Watt	77	74	65	62
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	16			
Color Temperature (CCT)	4000K			
CCT Tolerance (by LED Manufacturer)	± 7%			
CRI	+ 80			

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(Rev. 02/2020)
AV4_SS.1Page 12 of 15
(Rev. 02/2020)
AV4_SS.1Page 13 of 15
(Rev. 02/2020)
AV4_SS.1Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SB2 Qty:

Avanza 600



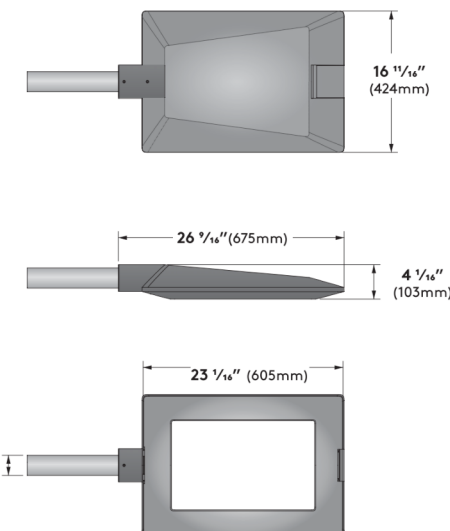
Order Code:	AV6	R5	L2	0	L105	40	BK	
Pole Order Code:								
	Series	AV6 Accessories	Series	Height	Finish	Options		
R5	Optics	R3W Type III Distribution	R3N Type III Distribution	R5 Type III Distribution				
L2	Mounting	SA1 Single Pole Adapter	S1 Single Short Arm (80")	S2 Double Short Arm (80")	L1 Single Long Arm Mount (80")	L2 Double Long Arm Mount (80")	L4 ¹ Quad Long Arm Mount	SW Short Arm Wall Mount
								Not available with S1 Not available with S2
0	Tilt of Mounting	0°	S°					
L105	Light Engine	L105 1000W x 107W	L700 700W x 172W					
40	CCT	30 3000K	40 4000K					*For other CCT please consult factory
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX ¹ XX'	*Add length of arm and height of pole to determine power cord length
BK	Finish	WH White	BK Black	BL Blue-Matte Black	BZ Bronze	SV Silver	SP ¹ Specify Premium Color	
	Voltage	120V ¹	208	240 ¹ 240V	277 ¹ 277V	347 ¹ 347V	480 ¹ 480V	*Specify for H option
	Options	DM Dimming (0-10V)	HL301 ^{1A} Hi-Low Switching	PC1 ¹ Photoeye	MS ¹ Motion Sensor w/ Optional Photoeye (Sensor Size & Requirement) See page 3 for Order Code			*20W, 347V, 277V only Not available with S6 & SA mounting Cable & options only. Cannot be combined. *Equipped with step-down transformer

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Avanza 600

AV6



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitler - Part of upper aluminum housing for direct connection to standard Ø 2 1/4" (50mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metallized. IGA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).

Surge Protection - Surge protection device safeguards electrical components from indirect lightning strikes and surges up to (20kA standard). RoHS compliant.

Mounting Arm - Welded steel with powder coat finish. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - Designed to protect luminaire from electrical surge (up to 10kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Mounting Arm - Welded steel with powder coat finish.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

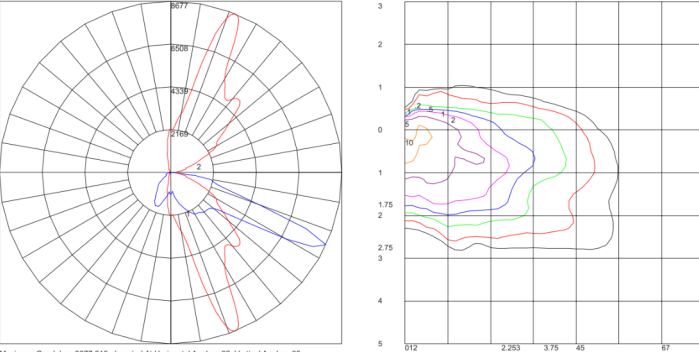
Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

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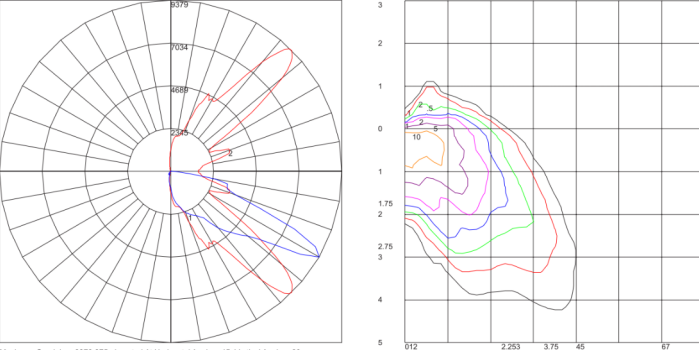
Avanza 600

Photometry

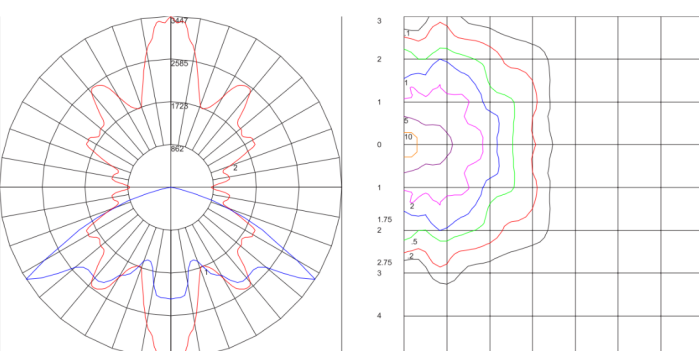
R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV6-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficiency: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-UD-G2



R3N Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0°-L105-R3N-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficiency: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 9378 at 60° from vertical.
IES classification: Type III Narrow
BUG Rating: B3-UD-G3



R5 Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0°-L105-R5-40-120
Report #: LM-63-1995
Delivered Lumens: 7439
Input Watts: 107W
Efficiency: 73
CCT: 4000K
CRI (Ra): 80
Maximum candela of 3446 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B3-UD-G3

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Photometry

Conversion Chart	
Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information (Based on R5 Optics)	Natural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4131
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	32			
Color Temperature (CCT)	4000K			
CCT Tolerance (by LED Manufacturer)	± 7%			
CRI	> 80			

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(Rev. 02/2020)
AV6_SS.1NOT FOR
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DESIGN REVIEW 20 11SEP

DR7.3.1



AXON

NOT FOR
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DESIGN REVIEW

20

11SEP

DR7.3.2

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SC Qty:

Avanza 600



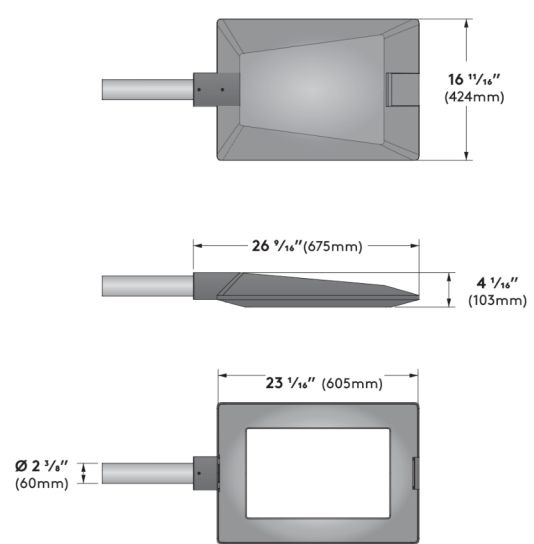
Order Code:	AV6	R3W	L1	0	L105	40	BK	
Pole Order Code:								
	Series	AV6		Series	Height	Finish	Options	
	Avanza 600							
R3W	Optics	R3W	R3N	R5				
	Type II Distribution Wide	Type II Distribution Narrow	Type V Distribution					
L1	Mounting	SA	S1	S2	L1	L2	L4 ²	SW
	Single Pole Adapter	Single Short Arm Mount	Double Short Arm (80°)	Single Long Arm Mount	Double Long Arm Mount (80°)	Quad Long Arm Mount	Short Arm Wall Mount	Not available with 0° Not available with 3°
0	Tilt of Mounting	0°	5°					
L105	Light Engine	L105	L700					
	1050mA / 107W	700mA / 72W						
40	CCT	30	40					
		3000K	4000K					
BK	Power Cord Length	12'	15'	18'	20'	25'	XX ¹	
		12'	15'	18'	20'	25'	XX ¹	
	Finish	WH	BK	BL	BZ	SV	SP	
		White	Black	Semi-Matte Black	Bronze	Silver	Specify Premium Color	
Voltage	120 ²	208	240 ²	277 ²	347 ²	480 ²		
	120V	208V	240V	277V	347V	480V	Specify for HL option	
Options	DM	HL30 ^{3,4}	PC ¹	MS				
	Dimming (0-10V)	Hi-Low Switching	Photocell	Motion Sensor w/Optional Protocol (Meets TIA 8 Requirements) See page 3 for Pole Code				
					*20K, 345V, 277V only			
					Not compatible with 88 & SA mounting			
					*DM & HL options only. Cannot be combined			

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Avanza 600

AV6



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.**Gasketing** - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.**Filter** - Part of upper aluminum housing for direct connection to standard Ø 2 1/4" (60mm) short and long arms, as well as specially designed die cast pole adapter.**LED Array** - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.**LED Optics** - High precision injection molded cross-beam technology reflectors are vacuum metallized. IMA approved "Dark Sky Friendly" at 0° Mounting.**LED Driver** - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).**Surge Protection** - Surge protection device safeguards electrical components from indirect lightning strikes and surges up to (20kA standard). RoHS compliant.**Mounting Arm** - Welded steel with powder coat finish. To fit Ø3" Tenon.**Pole Adapter** - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.**Glass Lens** - Tempered and screened glass lens protects and helps seal optical chamber.**Tool-Less Latch** - Tool-less die cast aluminum latch for easy access to light engine.**Access Door** - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.**Surge Protection** - Designed to protect luminaire from electrical surge (up to 10kA). Autotransformer for 347V and 480V.**Mounting Arm** - Welded steel with powder coat finish.**Exterior Luminaire Finish** - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

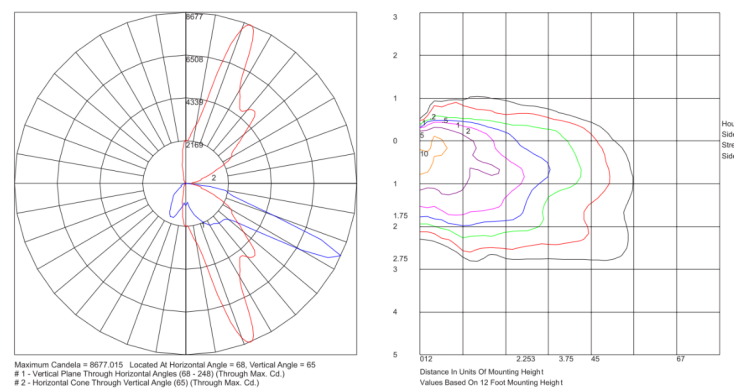
Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

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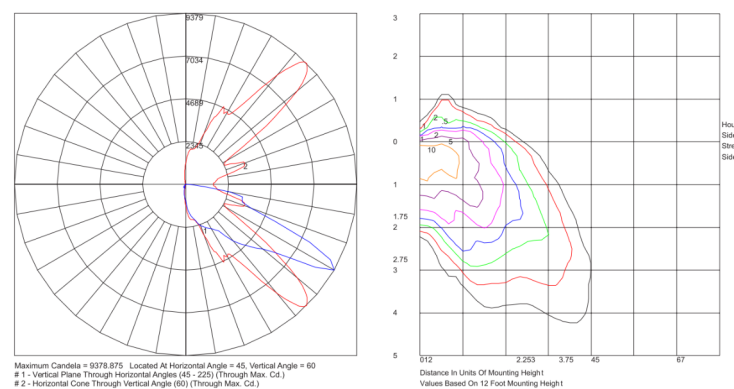
Avanza 600

Photometry

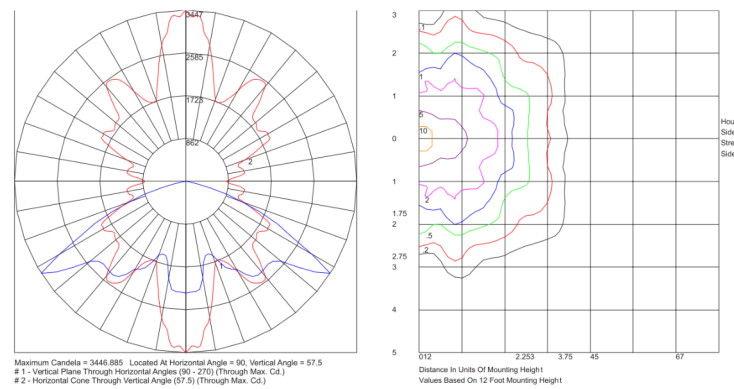
R3W Optics / 1050 mA / 4000K CCT

Catalog #: AVA-SI-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7695
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-UD-G2

R3N Optics / 1050mA / 4000K CCT

Catalog #: AVA-SI-0°-L105-R3N-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 9378 at 60° from vertical.
IES classification: Type III Narrow
BUG Rating: B3-UD-G3

R5 Optics / 1050mA / 4000K CCT

Catalog #: AVA-SI-0°-L105-R5W-40-120
Report #: LM-63-1995
Delivered Lumens: 7429
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 3446 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B3-UD-G3Selux Corporation © 2019, T 845-834-1400, 800-735-8927, F 845-834-1401, www.selux.us
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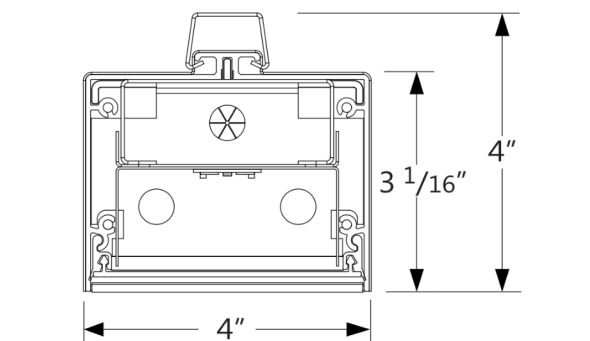
Photometry

Conversion Chart	
Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.56
14' (4.3 m)	1.92
16' (4.9 m)	2.29
18' (5.5 m)	2.66

LED Information (Based on IES Optics)	Natural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4151
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	32			
Color Temperature (CCT)	4000K		5000K	
CCT Tolerance (by LED Manufacturer)			± 7%	
CRI	≥ 80			

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wet BEAM4 LED SURFACE MOUNT



Project	Axon
Type	SD
Notes	

PERFORMANCE PER LINEAR FOOT AT 3500K		
NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
500 lm/ft	5.5 W/ft	91 lm/W
750 lm/ft	8.3 W/ft	90 lm/W

Please consult factory for custom lumen output and wattage.

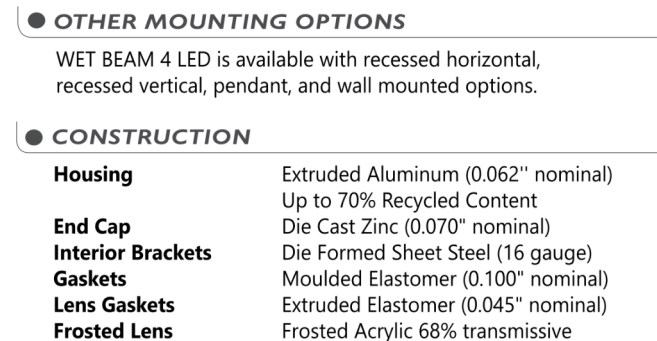
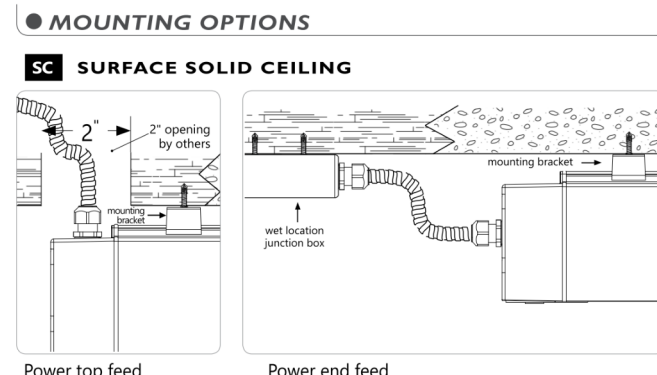
Ordering Guide

WBSLED				S			
PRODUCT ID		NOM LUMENS/FT	CRI	COLOR TEMP.	SHIELDING	LENGTH (FT)	
WBSLED	Surface LED	500 500 lm/ft - Min. 750 750 lm/ft - Max.	80 80 CRI 90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	5 satin lens	2 2' 3 3' 4 4' 5 5' 6 6' 8 8'	SF system run
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.							
FINISH		VOLTAGE	DRIVER	CIRCUITS		MOUNTING/SUSPENSION	
AP	aluminum paint	120 120 V	DP dimming (0-10V) 1%	1	1 circuit	SC	surface solid ceiling
W	white	277 277 V	LT Lutron 1%	2	2 circuits		
BLK	black	347 347 V	BI bi-level dimming	4	emergency circuit 1%		
C	custom	UNV universal	O other 1%	+NEM	night light circuit 1%		
				+GTDV	generator transfer device 1%		
(1) Operating up to 30°C. Specify system				(2) Specify quantity			
(2) Please consult factory for page 2.							

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B battery pack (integral)	F fuse 1" EF end feed 1"	C custom EN Enlighten integral WCR wireless control dimming	N nautarium finish
Not available with 347V. Please consult factory.	(4) Requires 100V or 277V. * See page 2 for more details.	See integrated controls guide for further details. Please consult factory.	Please specify.

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.
1 / 3
December 18, 2018
FILE NAME:WBS-LED-B3-SPC
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1-800-263-2947
(T) 514-948-6272
axis
axishlighting.com

wet BEAM4 LED SURFACE MOUNT

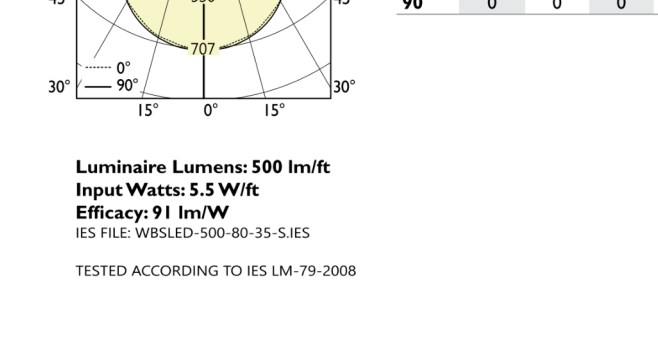
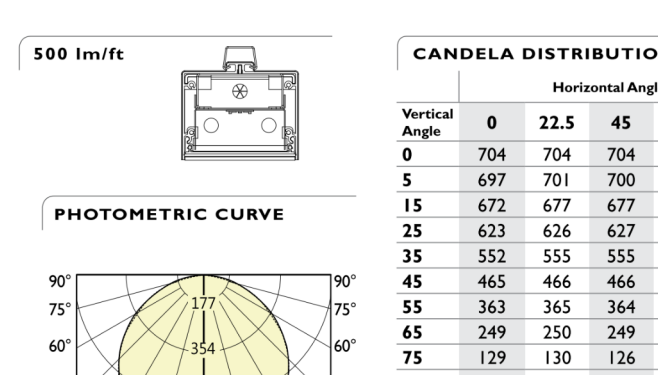


● MOUNTING OPTIONS	● OPTICS
SC SURFACE SOLID CEILING	SATIN LENS PMMA satin finish (0.060" nominal) 68% trans. S satin lens
Power top feed	Power end feed
● OTHER MOUNTING OPTIONS	● WEIGHT
WET BEAM 4 LED is available with recessed horizontal, recessed vertical, pendant, and wall mounted options.	Surface 4 ft 12.8 lbs / 5.8 kg Surface 8 ft 24.5 lbs / 11.1 kg
● CONSTRUCTION	● GASKETED FIXTURE
Housing Extruded Aluminum (0.062" nominal) Up to 70% Recycled Content Die Cast Zinc (0.010" nominal) Die Formed Sheet Steel (16 gauge) End Cap Moulded Elastomer (0.100" nominal) Interior Brackets Extruded Elastomer (0.045" nominal) Gaskets Frosted Acrylic 68% transmissive Lens Gaskets Frosted Lens	With its gasketed end cap and lens the Wet BEAM 4 LED is made for wet locations, and is ideal for exterior soffits and canopies of malls, hospitals and other institutions.
● ELECTRICAL	● JOINER SYSTEM
Lutron driver ¹ LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem S-Series (3%) LDE - Hi-Lume ² A-series 2Wires Forward Phase (1%) Control factory	Wet BEAM 4 modular system consists of smaller modules joined and gasketed together allowing for system runs in lengths of 4' and 8' as well as custom lengths up to 8'. * For continuous runs allow 2" for connectors between each fixture.
Other drivers DAU - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor	● POWER FEED
Emergency Integral emergency battery pack or emergency circuit optional.	TF TOP FEED EF END FEED
Input Voltage 120V, 277V, 347V, UNV.	* Not available with 347 V.
● Incorporating these components may have limitations or affect the length of the luminaire. Please consult factory for more details.	● FINISH
● LED SYSTEM	Powder coated and custom finishes are also available.
CRI Minimum 80 or 90 color rendering index. Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.	● APPROVALS
CCT Certified wet locations to UL and CSA standards.	UL LISTED
LED life Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.	● WARRANTY
Thermal Management Aluminum housing acting as the heat sink to maximize life.	Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

1 Row configuration, specification sheets and mounting spacing guides are available for download at: www.axishlighting.com

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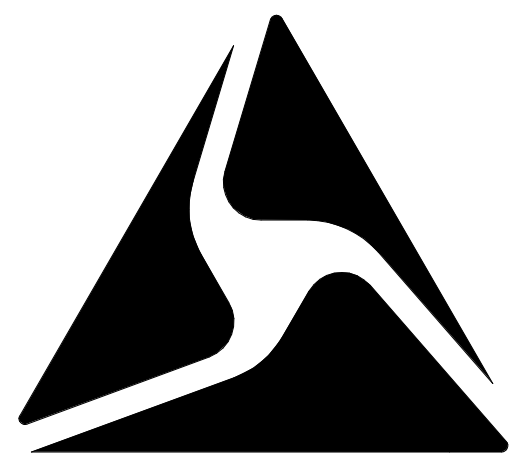
wet BEAM4 LED SURFACE MOUNT



● MOUNTING OPTIONS	● OPTICS
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Power top feed	Power end feed
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Other drivers DAU - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor	● POWER FEED
Emergency Integral emergency battery pack or emergency circuit optional.	TF TOP FEED EF END FEED
Input Voltage 120V, 277V, 347V, UNV.	* Not available with 347 V.
● Incorporating these components may have limitations or affect the length of the luminaire. Please consult factory for more details.	● FINISH
● LED SYSTEM	Powder coated and custom finishes are also available.
CRI Minimum 80 or 90 color rendering index. Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.	● APPROVALS
CCT Certified wet locations to UL and CSA standards.	UL LISTED
LED life Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.	● WARRANTY
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December 18, 2018
FILE NAME:WBS-LED-B3-SPC
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1-800-263-2947
(T) 514-948-6272
axis
axishlighting.com



AXON

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SH1 Qty:

Exelia Gen5 LED



Order Code:	EXRL	09	R3	5G530	40	BK	
EXRL	Series	EXRL	Exelia Gen5 LED				
09	Nominal Overall Ht.	08 8 ft 15 ft	09 9 ft 16 ft	10 10 ft 17 ft	11 11 ft 18 ft	12 12 ft 19 ft	13 13 ft 20 ft
R3	Optic	R1 Type I	R2 Type II	R3 Type III	R3W Type III (Wide)	R4 Type IV	R5R Type IV (Round)
5G530	Light Engine	5G530 nominal 53W	5G530 nominal 49W	5G700 nominal 64W	5G105 nominal 97W	5G140 nominal 126W	
40	CCT	30 3000K	40 4000K				
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color
	Voltage	120 120V	208 208V	240 240V	277 277V	UNV ¹ 120-277V	480V ¹ 480V
	Options	DM ² Dimming (0-10V)	HL30 ^{3A} HL30 Switching Low Output 50%	H5 ⁴ House Side Shield	REC2 ^{5A} 120V GFCI Receptacle with weather- proof cover	REC3 ^{5B} 120V GFCI Receptacle with weather- proof cover	REC4 ^{5C} 120 & Duplex Receptacle with weather- proof cover in-use cover
		PC PhotoCell	VI ⁶ Vibration Dampener (consult factory)	MS ⁷ Motion Sensor			

Product Modifications
Please see modification requirements for review by factory.Selux Corporation © 2020, T 845-834-1400, 800-735-8927, F 845-834-1401, www.selux.us
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selux

Exelia LED
EXRL

1. Luminaire Cover / External Heat Sink - Specifications Upgrade aluminum die cast cover, with shroud for smooth crisp form to lower and complement the column design. Designed for optimal heat dissipation even in high temperature environments.

2. Gasketing - (not shown) Continuous one piece gaskets made from UV and ozone resistant silicone. Molded gaskets ensure IP65 rating, dust, and insect control throughout the luminaire head.

3. Shielding - Clear, impact resistant, UV stabilized polycarbonate cylinder creates optical chamber, minimum wall thickness 0.118" (3mm). IK10 rated.

4. Column Fitter - Low copper, marine-grade aluminum die-cast fitter, with built-in gasketing ridges, for smooth transition to column.

5. LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3 step bin and provided with a minimum CRI of 80. LED light engine has a reported lumen maintenance of 97.5% at 50,000 hours. L70 calculated greater than 100,000 hours.

6. LED Optics - (not shown) Proprietary technical Optics (RL, R2, R3, R4, R5S and R5R) use Selux signature light pattern acrylic lens holder to secure proprietary silicone optics. Internal micro house side shield available for distributions types I, II, III & IV.

7. LED Driver - LEDs are driven by RoHS compliant constant current programmable LED driver. Driver includes 0-10V dimming to 10%, meets the requirements of IP66. Driver assembly located inside the column and accessible through the upper hand hole.

8. Surge Protector - (not shown) Designed to protect luminaire from electrical surge (20kA). IK10 rated.

9. Column Body - 200mm extruded smooth marine-grade aluminum, minimum wall thickness 0.118" (3mm).

10. Access Doors - Upper and lower 4" x 7" (76mm x 178mm) hand holes provided for in-field column assembly and maintenance. Flush cover and stainless steel tamper-resistant hardware included.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultraviolet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

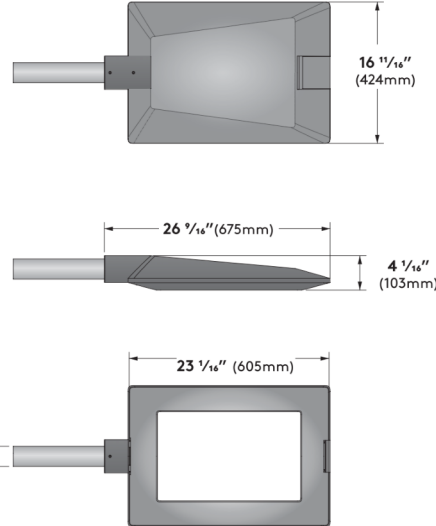
5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Selux LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the LED driver and LED array when installed and operated according to Selux instructions. For details, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to NRTL Wet Location and IESNA LM-79-08 standards. LED tested to LM-80 standards. Luminaire and LED tested at 25°C (77°F) ambient temperature.

NRTL Listed (i.e., UL, CSA)

Visit selux.us for our LED End of Life recycling policy.

selux

Avanza 600
AV6

Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitter - Part of upper aluminum housing for direct connection to standard 2 1/2" (63mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PCB boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metallized. IGA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -55°C (-31°F).

Surge Protection - Surge protection device safeguards electrical components from indirect lightning strikes and surges up to 20kA standard. RoHS compliant.

Mounting Arm - Welded steel with powder coat finish. To fit 0.5" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit 0.5" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - Designed to protect luminaire from electrical surge (up to 10kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Mounting Arm - Welded steel with powder coat finish.

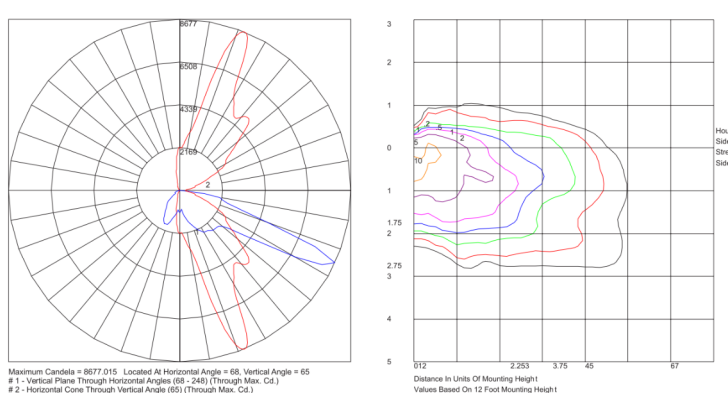
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Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

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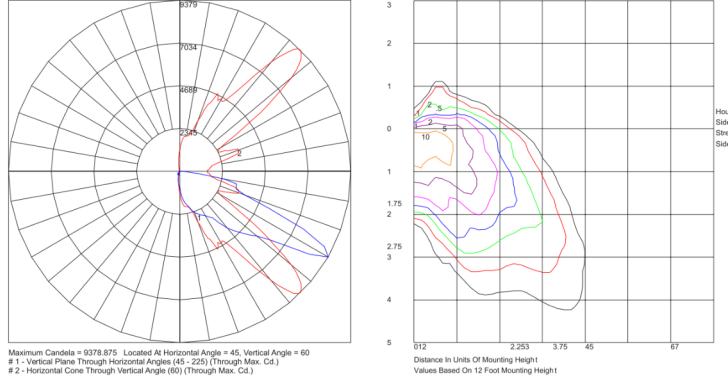
Avanza 600
Photometry

R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV6-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficiency: 72
CCT: 4000K
CRI (Ra): 80
Maximum candle: 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B3-UD-02



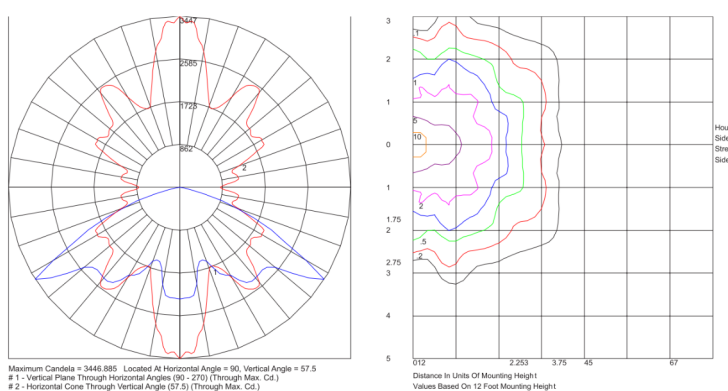
R5N Optics / 1050mA / 4000K CCT

Catalog #: AV6-S1-0°-L105-R5N-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficiency: 72
CCT: 4000K
CRI (Ra): 80
Maximum candle: 9378 at 60° from vertical.
IES classification: Type V
BUG Rating: B3-UD-03



R5 Optics / 1050mA / 4000K CCT

Catalog #: AV6-S1-0°-L105-R5N-40-120
Report #: LM-63-1995
Delivered Lumens: 7439
Input Watts: 107W
Efficiency: 73
CCT: 4000K
CRI (Ra): 80
Maximum candle: 3446 at 57.5° from vertical.
IES classification: Type IV
BUG Rating: B3-UD-03



selux

Avanza 600
Photometry

Conversion Chart	
Mounting Height	Height
10' (3.0 m)	1.37
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information (Based on R5 Optics)	Natural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4131
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
# of Emitters	32			
Color Temperature (CCT)	4000K			
CCT Tolerance (by LED Manufacturer)	± 7%			
CRI	> 80			

NOT FOR
CONSTRUCTION

ISSUED FOR

YR

DATE

DESIGN REVIEW

20

11SEP

DR7.3.4

