

# URBAN DESIGN COMMISSION APPLICATION

# UDC

City of Madison  
Planning Division  
Madison Municipal Building, Suite 017  
215 Martin Luther King, Jr. Blvd.  
P.O. Box 2985  
Madison, WI 53701-2985  
(608) 266-4635



## FOR OFFICE USE ONLY:

Date Received \_\_\_\_\_  Initial Submittal  
Paid \_\_\_\_\_  Revised Submittal

**Complete all sections of this application, including the desired meeting date and the action requested.** If your project requires both UDC and Land Use application submittals, a completed Land Use Application and accompanying submittal materials are also required to be submitted.

*If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the Planning Division at (608) 266-4635.*

*Si necesita interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para acceder a estos formularios, por favor llame al (608) 266-4635.*

*Yog tias koj xav tau ib tug neeg txhais lus, tus neeg txhais ntawv, los sis xav tau cov ntaub ntawv ua lwm hom ntawv los sis lwm cov kev pab kom paub txog cov lus qhia no, thov hu rau Koog Npaj (Planning Division) (608) 266-4635.*

## 1. Project Information

Address (list all addresses on the project site): 702 Randall Ave, Madison, WI 53715

Title: Heart Of The Zoo Phase 1 - Giraffe

## 2. Application Type (check all that apply) and Requested Date

UDC meeting date requested December 18, 2024

- New development       Alteration to an existing or previously-approved development  
 Informational       Initial Approval       Final Approval

## 3. Project Type

- Project in an Urban Design District  
 Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)  
 Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)  
 Planned Development (PD)  
     General Development Plan (GDP)  
     Specific Implementation Plan (SIP)  
 Planned Multi-Use Site or Residential Building Complex

### Signage

- Comprehensive Design Review (CDR)  
 Modifications of Height, Area, and Setback  
 Sign Exceptions as noted in Sec. 31.043(3), MGO

### Other

- Please specify  
Public Project

## 4. Applicant, Agent, and Property Owner Information

**Applicant name** Jeff Sawyer  
**Street address** 833 Chestnut St, Suite 909  
**Telephone** 215-564-0250 ext. 234

**Company** CLR Design inc.  
**City/State/Zip** Philadelphia, PA 19107  
**Email** jsawyer@clrdesign.com

**Project contact person** Eric Urtes  
**Street address** 1919 Alliant Energy Center Way  
**Telephone** 608-575-2359

**Company** Dane County Public Works & Engineering Division  
**City/State/Zip** Madison, WI 53713  
**Email** urtes.eric@danecounty.gov

**Property owner (if not applicant)** Greg Brockmeyer - (Dane County Department of Administration)  
**Street address** City-County Bldg, Rm 425; 210 M L K Jr Blvd      **City/State/Zip** Madison, WI 53703  
**Telephone** 608-266-4519      **Email** brockmeyer@danecounty.gov

## Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

## Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. A request for an Informational Presentation to the UDC may be requested prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design efforts. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Modification requests)
- Initial Approval. Applicants may, at their discretion, request Initial Approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the Initial Approval must be addressed at this time.

## Presentations to the Commission

The Urban Design Commission meets virtually via Zoom, typically on the second and fourth Wednesdays of each month at 4:30 p.m. Applicant presentations are strongly encouraged, although not required. Prior to the meeting, each individual speaker is required to complete an online registration form to speak at the meeting. A link to complete the online registration will be provided by staff prior to the meeting. Please note that individual presentations will be limited to a **maximum of three (3) minutes**. The pooling of time may be utilized to provide one speaker more time to present, however the additional time will be based on the number of registrants from the applicant team, i.e. two (2) applicant registrants = six (6) minutes for one (1) speaker.

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics. Please note that presentation slides, in a PDF file format, are required to be submitted **the Friday before** the UDC meeting.

# URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

The items listed below are minimum application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

## 1. Informational Presentation

- Locator Map
- Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan
- Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

### Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1"= 40' or larger

*\*\* All plans must be legible, including the full-sized landscape and lighting plans (if required)*

## 2. Initial Approval

- Locator Map
- Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- Landscape Plan and Plant List (*must be legible*)
- Building Elevations in **both** black & white and color for all building sides, including material and color callouts
- PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of

## 3. Final Approval

All the requirements of the Initial Approval (see above), **plus**:

- Grading Plan
- Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- Site Plan showing site amenities, fencing, trash, bike parking, etc. (if applicable)
- PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials
- Proposed sign areas and types (if applicable)

## 4. Signage Approval (*Comprehensive Design Review (CDR), Sign Modifications, and Sign Exceptions (per Sec. 31.043(3))*)

- Locator Map
- Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Modifications criteria is required)
- Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- Illustration of the proposed signage that meets Ch. 31, MGO compared to what is being requested
- Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit



## LETTER OF INTENT

To: Urban Design Commission, City of Madison, WI  
From: Jeff Sawyer, ASLA, Senior Associate  
CC: Eric Urtes (Dane County Public Works Engineering Division)  
Date: November 4, 2024

### Re: Heart of the Zoo Phase 1 – Giraffe Project

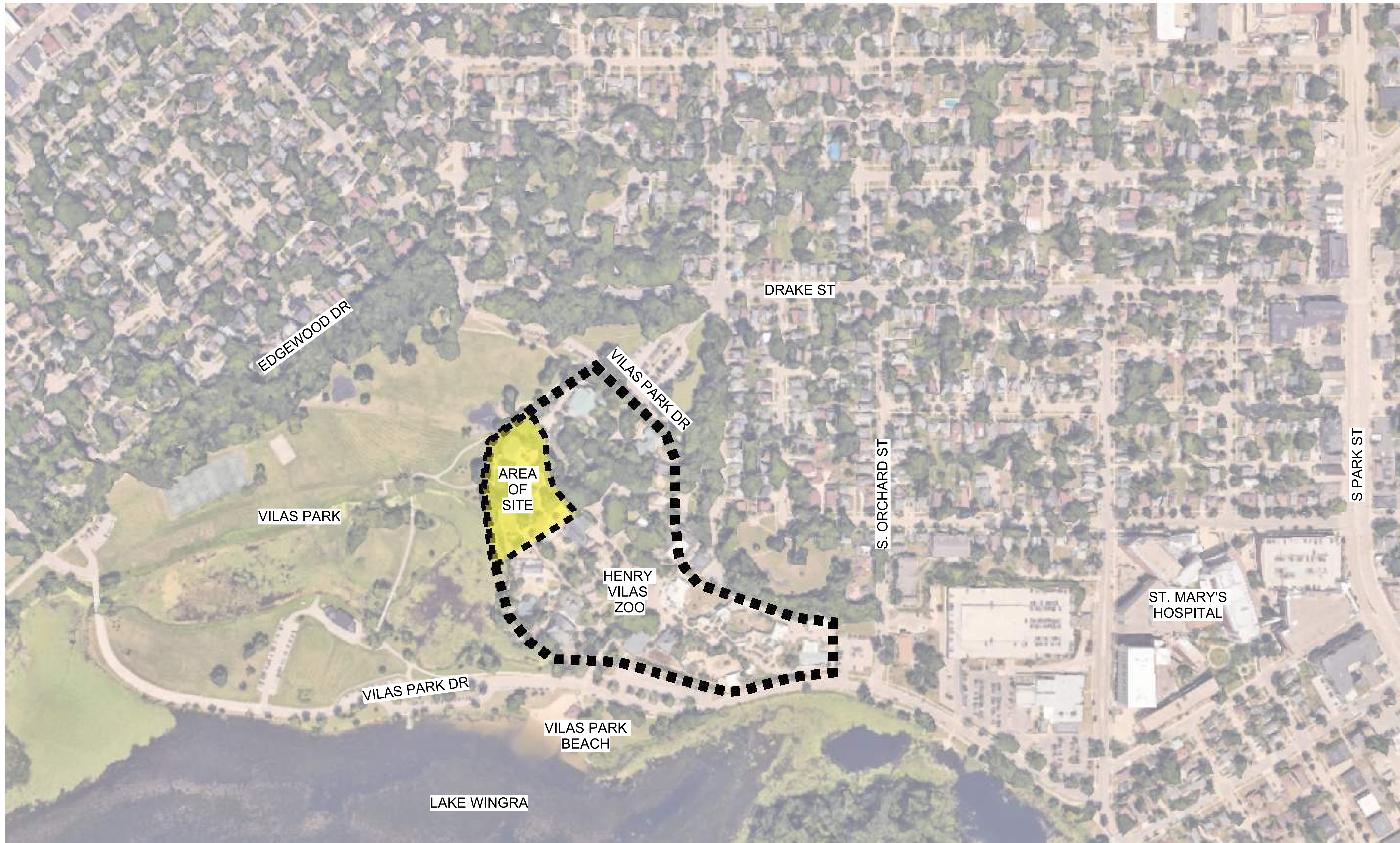
Dear Urban Design Commission Members,

The 2.5-acre Giraffe project at the Henry Vilas Zoo will be a new anchor attraction at the Zoo. The project site sits within the existing Zoo perimeter and is adjacent to Vilas Park. The project site is not directly adjacent to any of the surrounding public roads. This partnership between Dane County and the Zoo will bring a herd of Giraffes back to Madison for year-round education and enjoyment by Zoo visitors. The ~11,000 square foot Giraffe Pavilion will house 3 to 5 Giraffes along with some African ground birds and an indoor visitor viewing gallery overlooking an indoor dayroom. The Zoo also hopes to use this new facility as an event space for small groups up to 50 people.

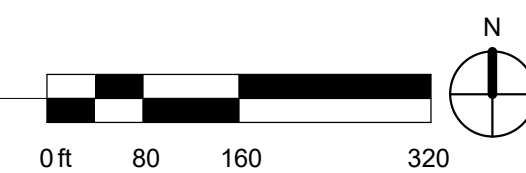
Sincerely,

A handwritten signature in black ink that reads 'Jeff Sawyer'.

Jeff Sawyer, ASLA  
Senior Associate



1 LOCATOR MAP  
1" = 160'-0"



SHEET INDEX	
SHEET 1	LOCATOR MAP
SHEET 2	CONTEXTUAL SITE PLAN
SHEET 3	RENDERED SITE PLAN
SHEET 4	SITE DETAILS
SHEET 5	SITE GRADING PLAN
SHEET 6	LANDSCAPE PLAN
SHEET 7	GIRAFFE PAVILION PERSPECTIVES
SHEET 8	HABITAT SHADE STRUCTURES
SHEET 9	BUILDING ELEVATIONS
SHEET 10	RENDERED BUILDING ELEVATIONS
SHEET 11	MATERIALS BOARD
SHEET 12	ROOF PLAN
SHEET 13	SITE LIGHTING PLAN
SHEET 14	PHOTOMETRIC PLAN

HEART OF THE ZOO



**HENRY VILAS ZOO**  
702 S. Randall Ave., Madison, WI 53715

**clr** EXHIBIT DESIGN  
ARCHITECTURE  
LANDSCAPE ARCHITECTURE  
833 Chestnut St., Ste 909  
Philadelphia, PA 19107  
34921 Calle del Sol  
Capistrano Beach, CA 92624  
215.564.0250



**MSA**  
Civil & MEP Engineer  
1230 South Blvd. Baraboo, WI 53913  
t: 608.356.2771



Structural Engineer  
227 W. 1st St., Suite 500, Duluth, MN 55802  
t: 218.727.3282

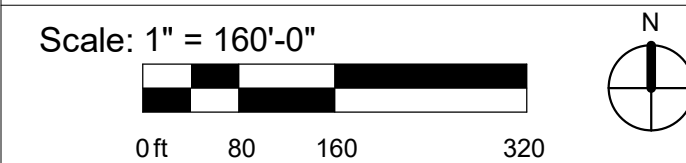
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**NOT FOR CONSTRUCTION**

Revisions:		
No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
**LOCATOR MAP**

CLR Project No.: HVL  
Project Manager: JGS  
Drawn: HK Checked: JGS  
Date: 11/04/2024



Sheet No.  
**1**

HEART OF THE ZOO BOUNDARY  
 HEART OF THE ZOO PHASE 1 GIRAFFE BOUNDARY



HEART OF THE ZOO

HENRY VILAS ZOO®  
 702 S. Randall Ave., Madison, WI 53715

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Seal:  
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Revisions:

No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
**CONTEXTUAL SITE PLAN**

CLR Project No.: HVL  
 Project Manager: JGS  
 Drawn: HK Checked: JGS  
 Date: 11/04/2024  
 Scale: 1" = 30'-0"

Sheet No.  
**2**

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3 SITE PLAN  
1" = 20'-0"



1 ADD ALT #2 EVENT PATIO AND LION DEMO AREA SITE PLAN  
1" = 20'-0"

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---	PROJECT BOUNDARY	+	SPOT ELEVATION
---	SEWER EASEMENT	⌂	SITE GATE
---	VIEW RAIL	⌂	SITE GATE
---	HANDRAIL	+	SLIDER GATE
---	PEDESTRIAN GUARDRAIL WITH HANDRAIL	---	REINFORCED SEGMENTAL RETAINING WALL
---	PEDESTRIAN GUARDRAIL	⊙	SALVAGED BOULDERS
---	EXCLUSION FENCE	FH	FIRE HYDRANT
---	STOCKADE FENCE	⌂	180 DEGREE SWING GATE
---	GIRAFFE EXHIBIT BARRIER	•	BOLLARD, RE: STRUCTURAL
---	GIRAFFE YARD BARRIER	---	TYP. GUY WIRE, SINGLE & DOUBLE
---	GIRAFFE SEASONAL FENCE	⊗	RAIN GARDEN
---	ALPACA FENCE	G00	GATE SCHEDULE TAG
---	SERVICE AREA GUARDRAIL	---	BENCH, PROVIDED AND INSTALLED BY OWNER
---	EXISTING CHAINLINK FENCE	⊙	TRASH AND RECYCLING RECEPTACLE, PROVIDED AND INSTALLED BY OWNER
---	PROPOSED CHAINLINK FENCE, RE: 1/SHEET 4	⊙	EXISTING TREE TO REMAIN
---	PROPOSED PERIMETER FENCE, RE: 2/SHEET 4	⊙	PROPOSED TREE
---	CATCH BASIN	•	
---	TRENCH DRAIN	---	

HEART OF THE ZOO



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Seal:

**NOT FOR CONSTRUCTION**

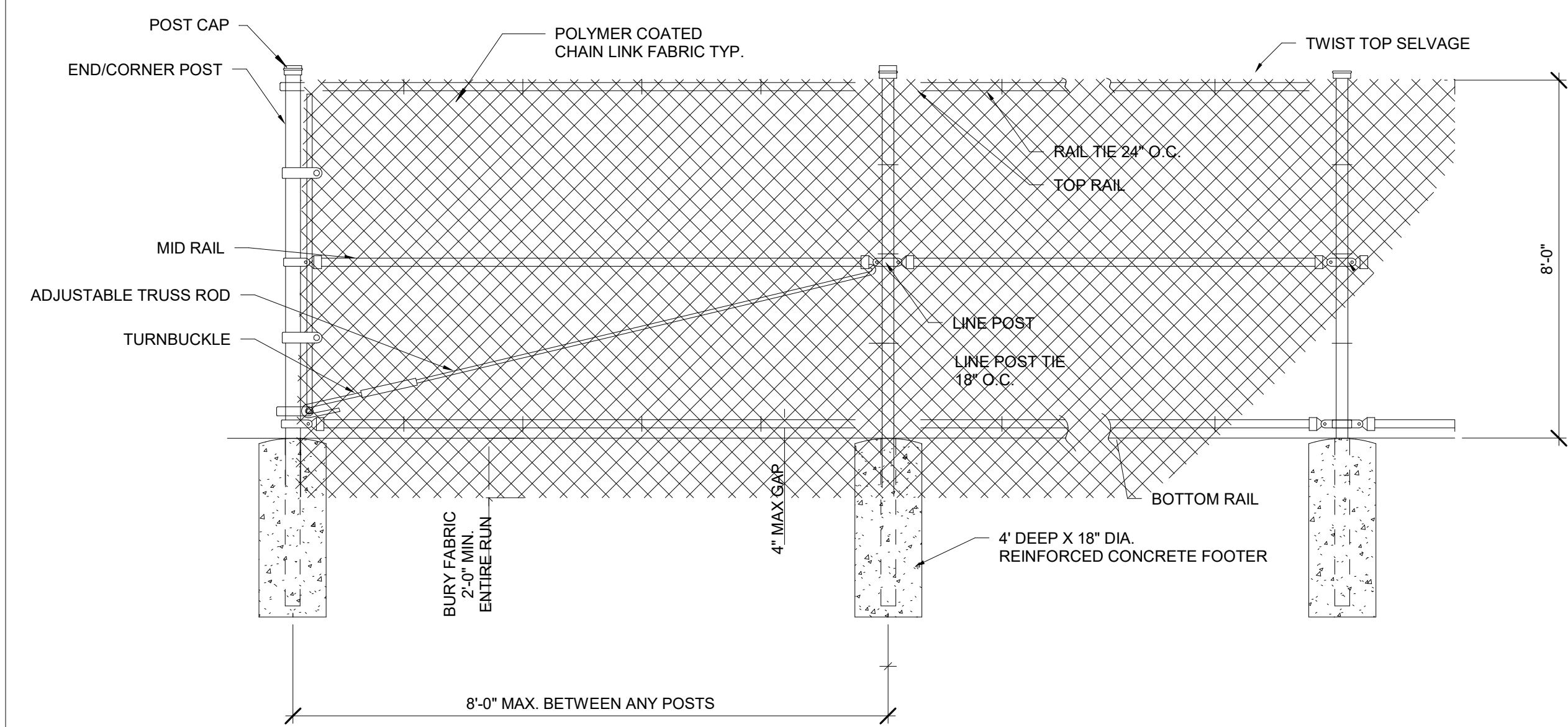
Revisions:

No.	Description	Date
1	Urban Design Commission	11/04/2024

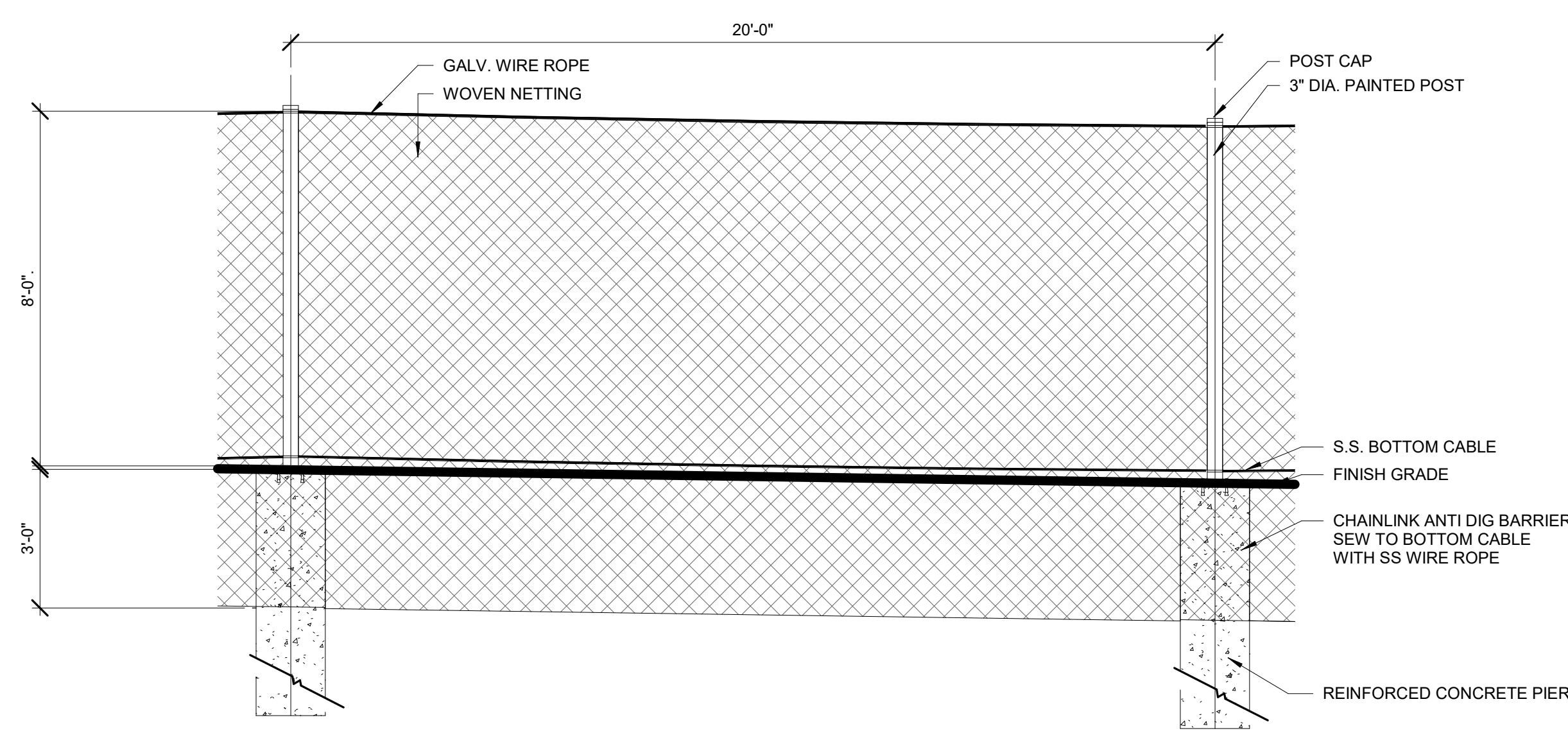
Sheet Title  
**RENDERED SITE PLAN**

CLR Project No.: HVL  
Project Manager: JGS  
Drawn: HK  
Checked: JGS  
Date: 11/04/2024  
Scale: 1" = 20'-0"

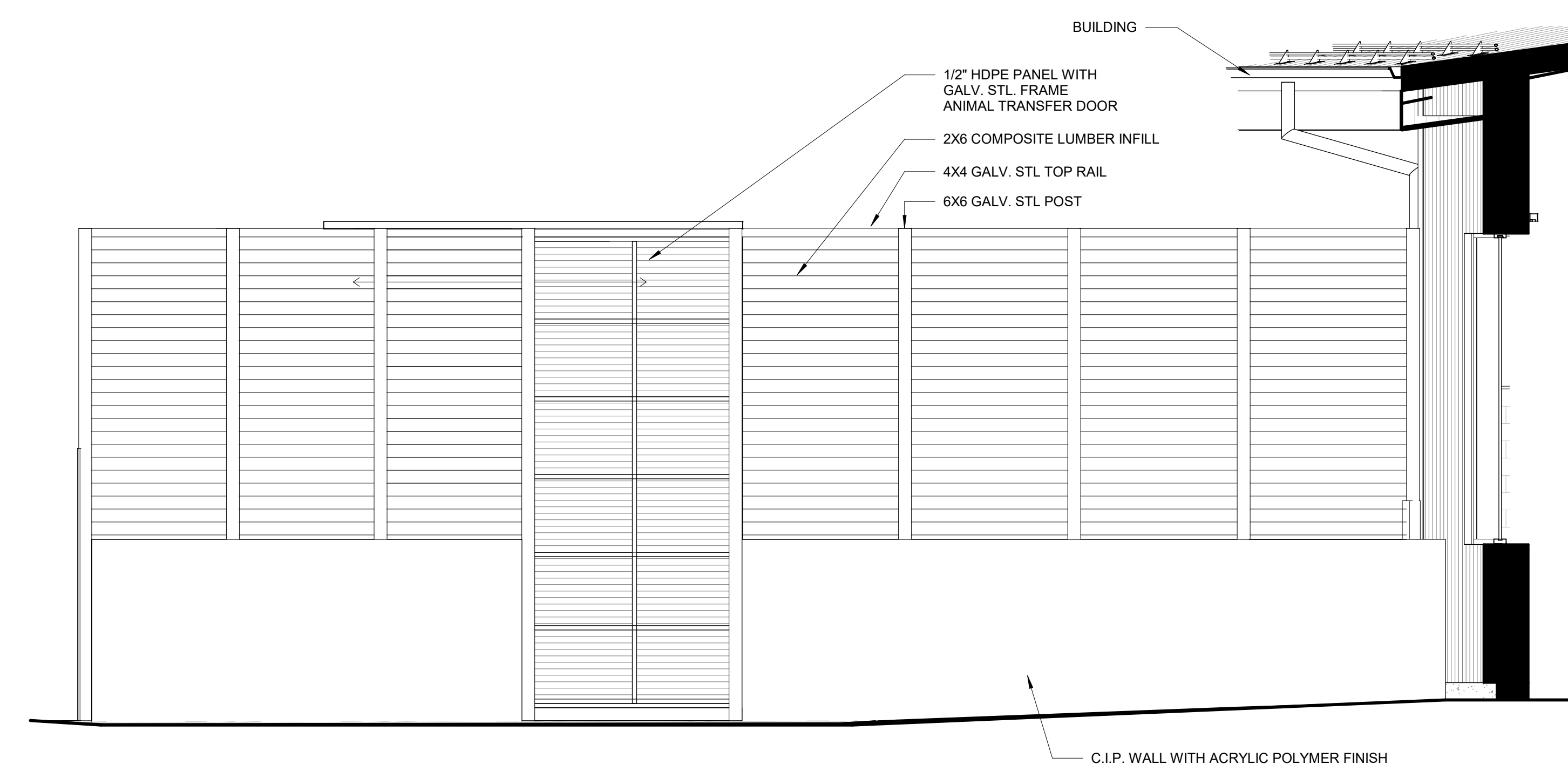
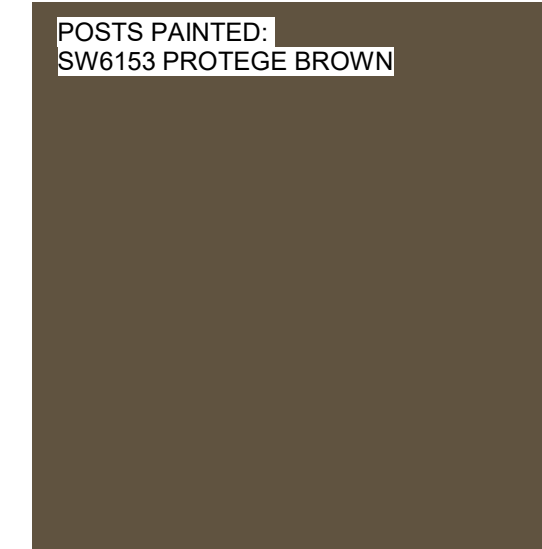
Sheet No.  
**3**



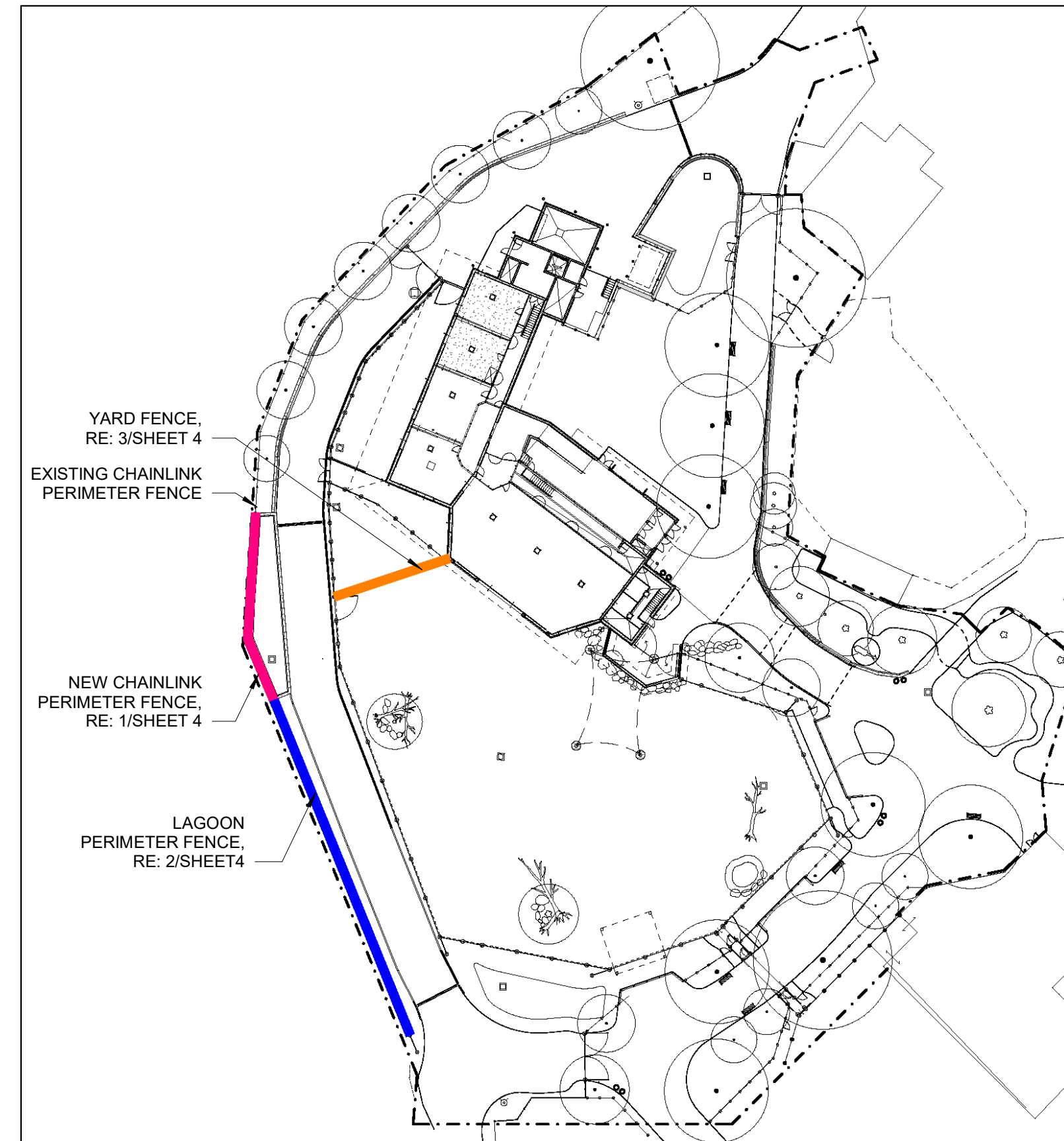
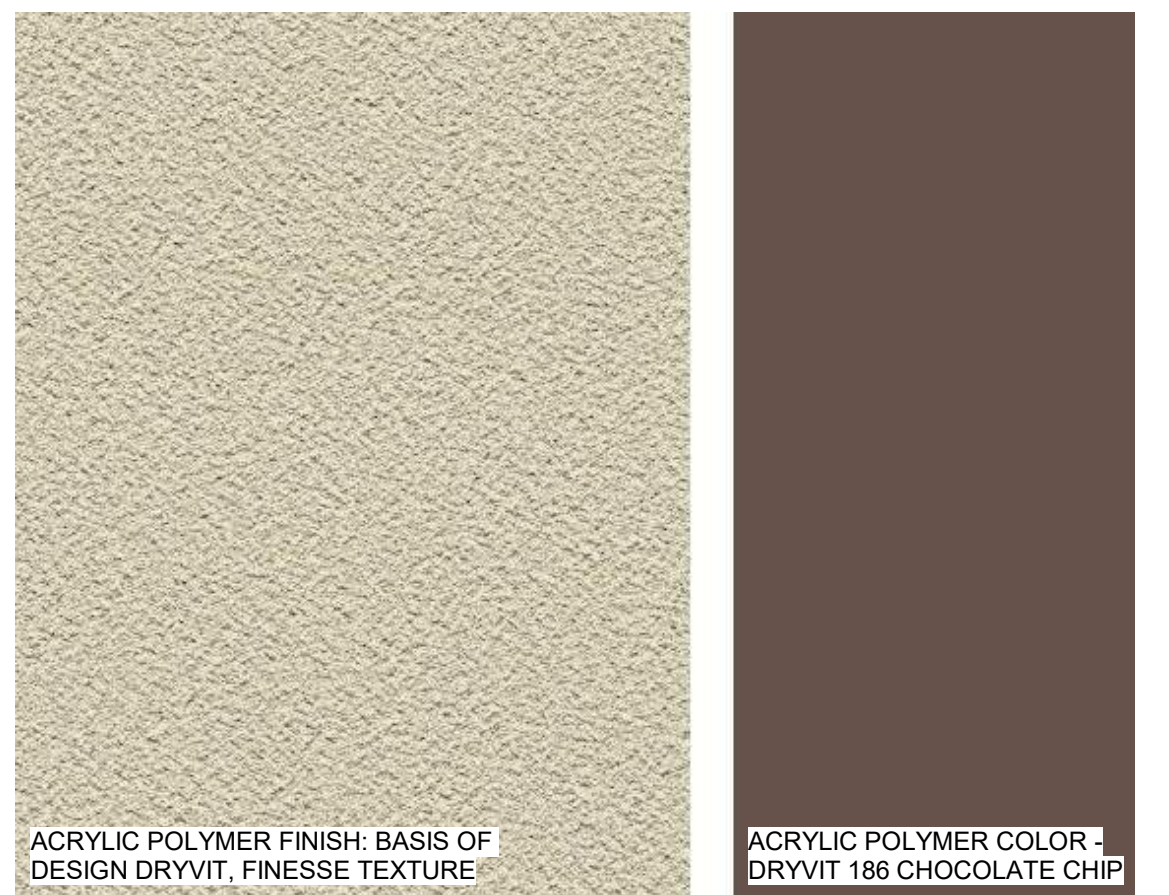
1 CHAINLINK PERIMETER FENCE.  
3/8" = 1'-0"



2 LAGOON PERIMETER FENCE.  
3/8" = 1'-0"



3 YARD FENCE  
1/4" = 1'-0"



FENCING KEY MAP - N.T.S

HEART OF THE ZOO



HENRY VILAS ZOO  
702 S. Randall Ave., Madison, WI 53715

EXHIBIT DESIGN ARCHITECTURE LANDSCAPE ARCHITECTURE  
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No.	Description	Date
1	Urban Design Commission	11/04/2024

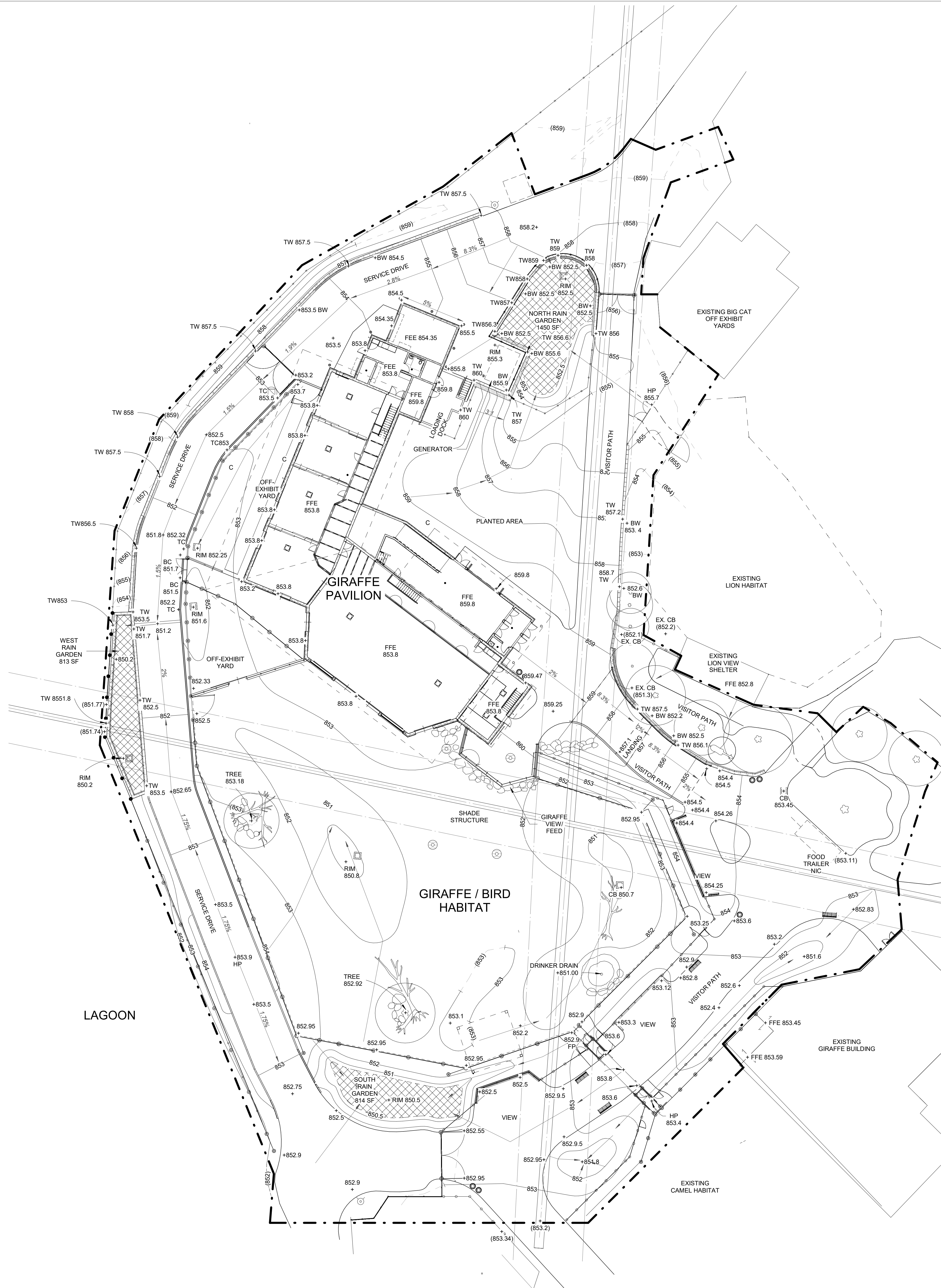
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FENCING DETAILS

CLR Project No.: HVL  
Project Manager: JGS  
Drawn: HK Checked: JGS  
Date: 11/04/2024  
Scale: 1" = 20'-0"  
0ft 10 20 40

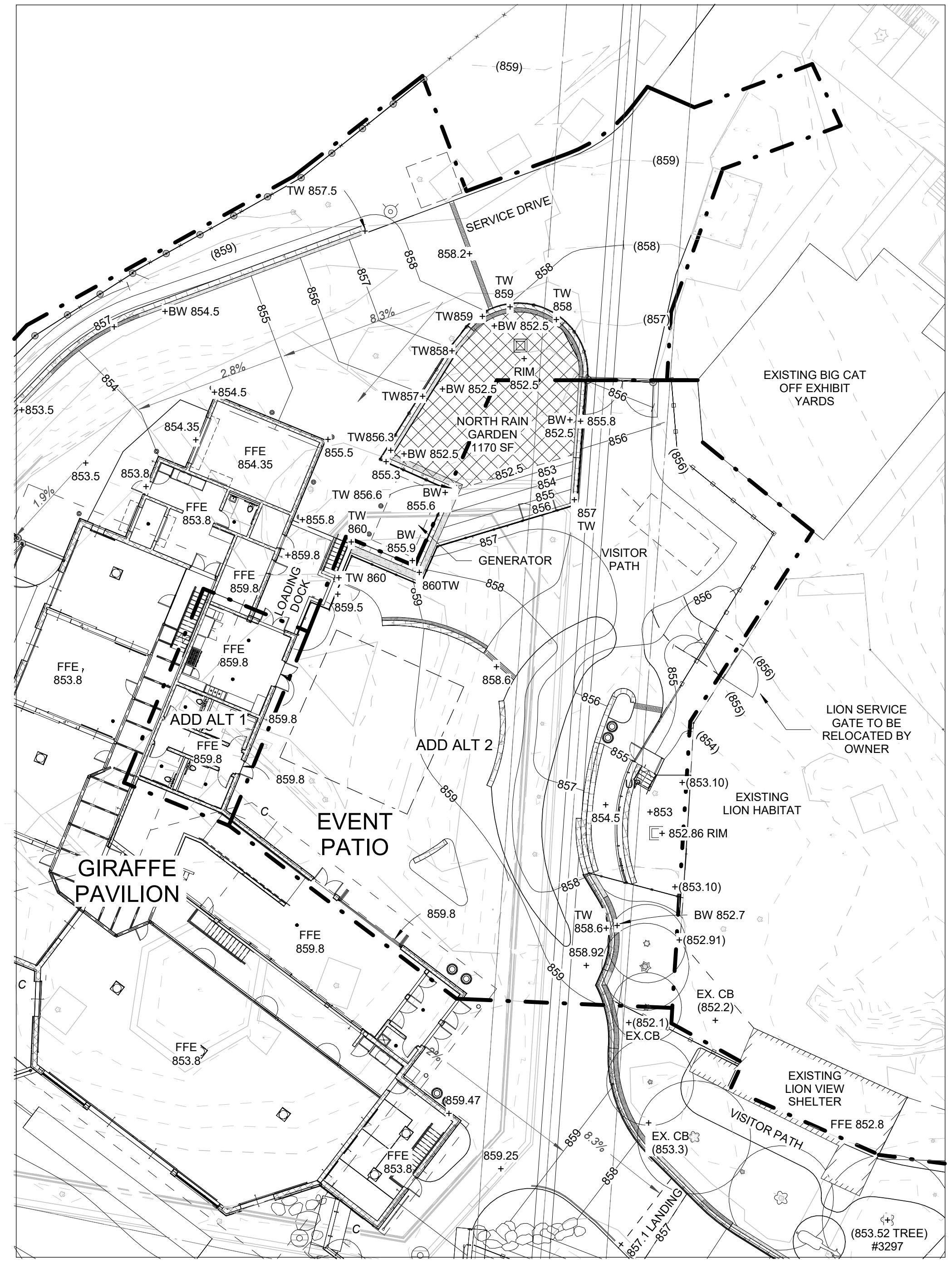
Sheet No.

4





1 SITE GRADING PLAN  
1" = 20'-0"



2 ADD ALT #2 EVENT PATIO AND LION DEMO AREA GRADING PLAN  
1" = 20'-0"

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---	PROJECT BOUNDARY	+	PROPOSED SPOT ELEVATION
853	PROPOSED CONTOUR	2%	PERCENT SLOPE
853.5	PROPOSED CONTOUR MINOR	+(853)	EXISTING GRADE TO REMAIN. CONTRACTOR TO VERIFY IN THE FIELD
(853)	EXISTING CONTOUR		
FFE	FINISHED FLOOR ELEVATION		
TW	TOP OF WALL		
BW	BOTTOM OF WALL		
TC	TOP OF CURB		
BC	BOTTOM OF CURB		
RIM	DRAIN ELEVATION		
HP	HIGH POINT		
LP	LOW POINT		
EX. CB	EXISTING CATCH BASIN		

HEART OF THE ZOO



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Revisions:

No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
SITE GRADING PLAN

CLR Project No.: HVL  
Project Manager: JGS  
Drawn: HK  
Checked: JGS  
Date: 11/04/2024

Scale: 1" = 20'-0"  
0ft 10 20 40

Sheet No.

5

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1  
7 VIEW LOOKING TOWARDS BUILDING ENTRANCE



2  
7 AERIAL VIEW FROM NORTH - BASE BID



3  
7 AERIAL VIEW FROM SOUTH



4  
7 AERIAL VIEW FROM NORTH - ALTERNATE 1

HEART OF THE ZOO



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No.	Description	Date
	Urban Design Commission	11/04/2024
1	UDC Revision	12/02/2024

Sheet Title  
**Giraffe Pavilion  
Perspectives**

CLR Project No.: HVL21HOZ

Project Manager: -

Drawn: -

Checked: -

Date: 11/04/2024

Scale:

Sheet No.

**7**



3  
8 AERIAL VIEW FROM SOUTH - SHADE SHELTER



2  
8 VIEW LOOKING AT SHADE STRUCTURE



1  
8 VIEW LOOKING AT FABRIC SHADE STRUCTURE

HEART OF THE ZOO



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CONSTRUCTION

Revisions:		
No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
**Habitat Shade Structures**

CLR Project No.: HVL21HOZ

Project Manager: -

Drawn: Author      Checked: Checker

Date: 11/04/2024

Scale:

Sheet No.

8



**HENRY VILAS ZOO**  
702 S. Randall Ave., Madison, WI 53715

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Seal:

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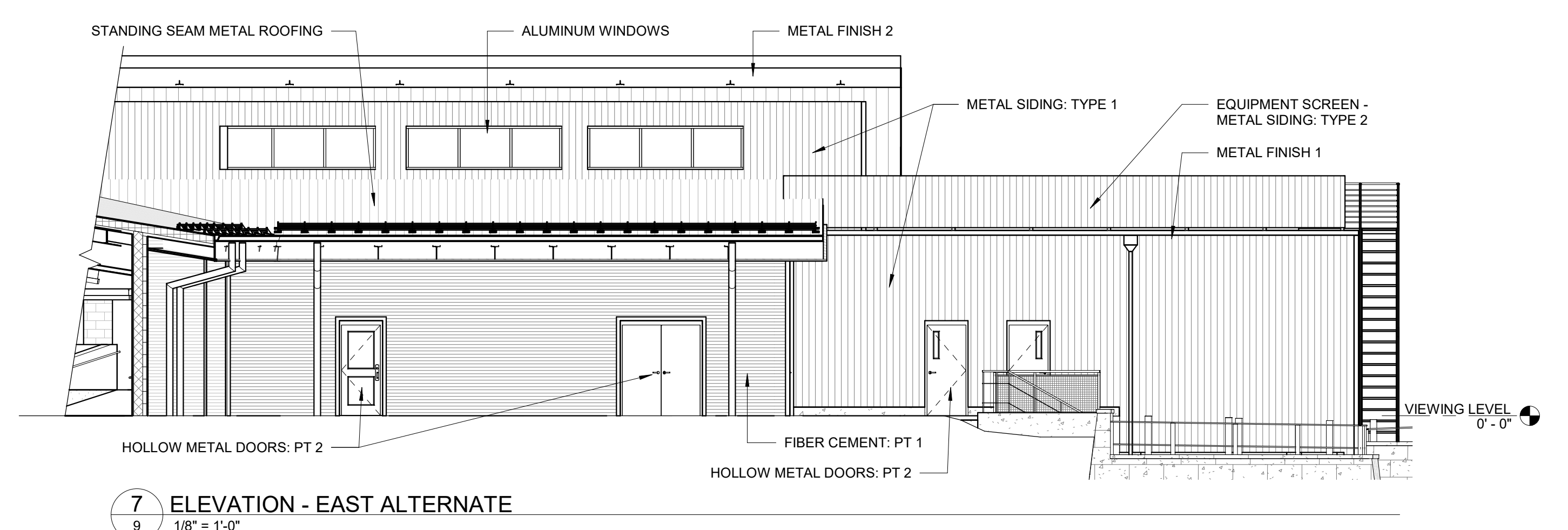
Revisions:

No.	Description	Date
	Urban Design Commission	11/04/2024
1	UDC Revision	12/02/2024

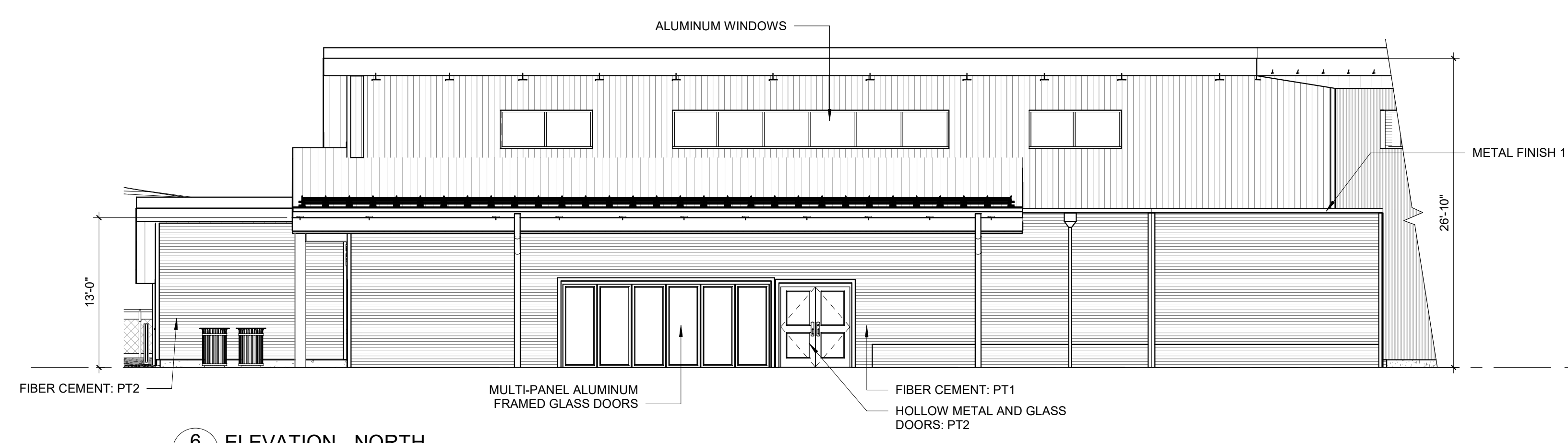
Sheet Title  
**Building Elevations**

CLR Project No.: HVL21HOZ  
Project Manager: -  
Drawn: Author      Checked: Checker  
Date: 11/04/2024  
Scale: 1/8" = 1'-0"  
0ft 2 4 8

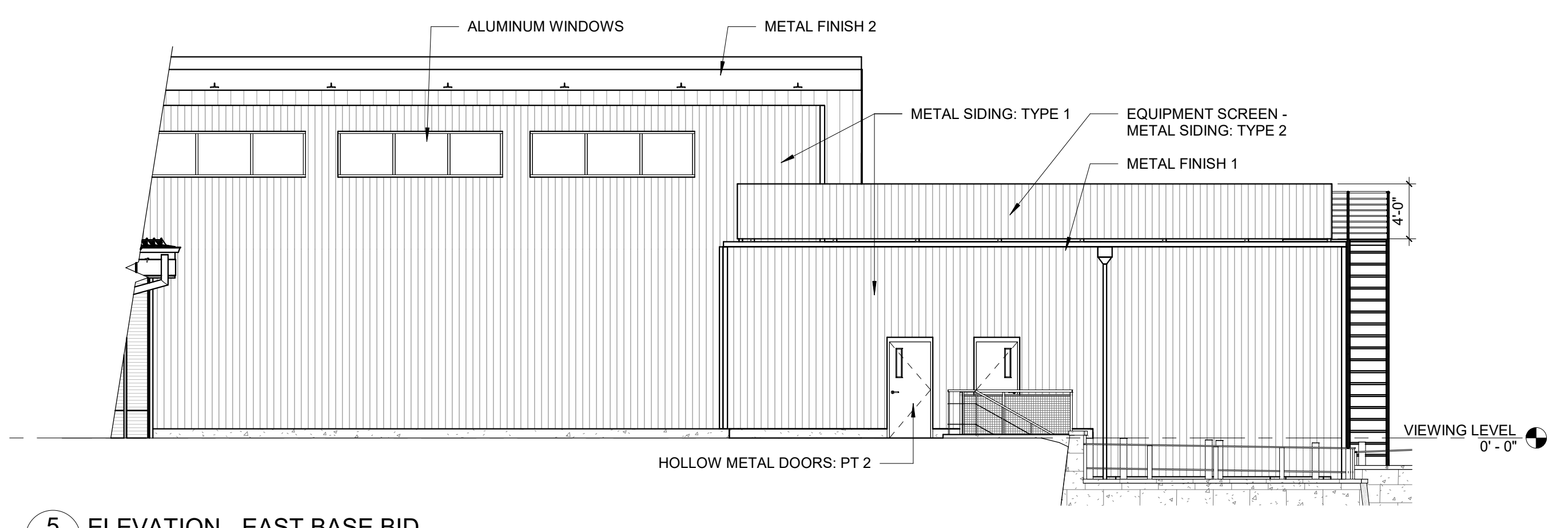
Sheet No.  
**9**  
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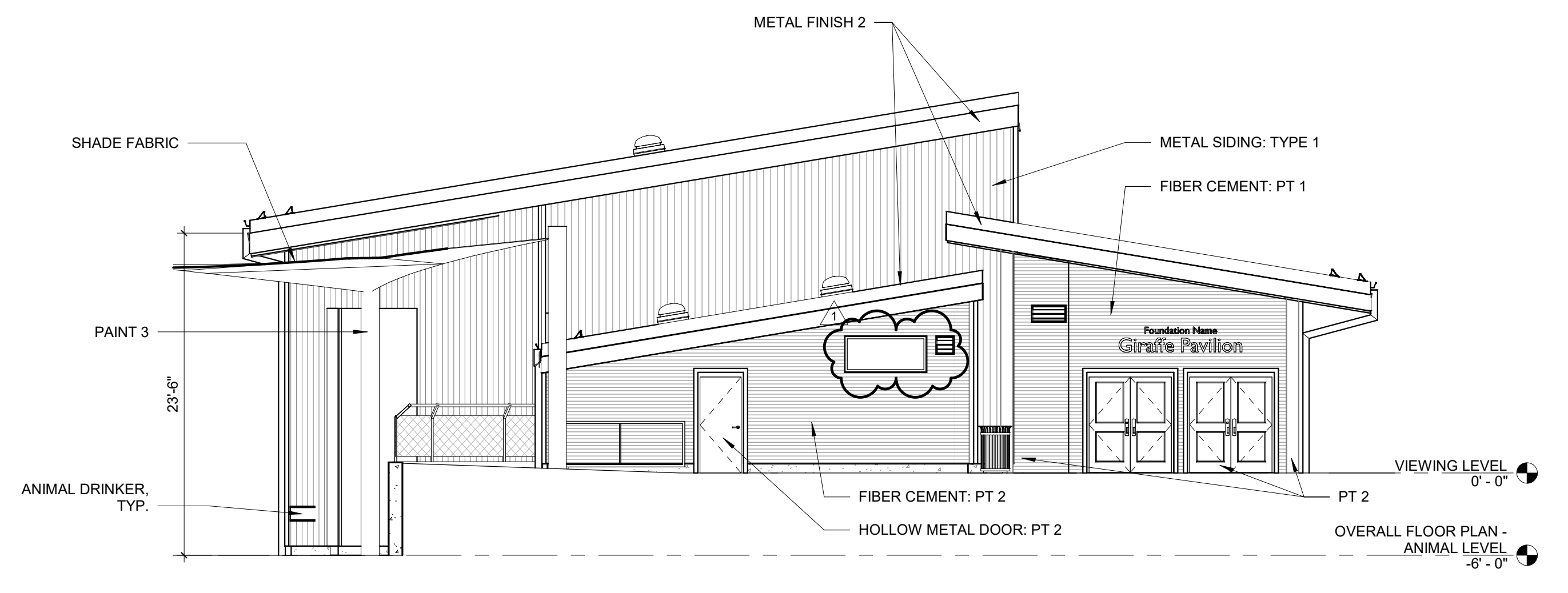
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1/8" = 1'-0"



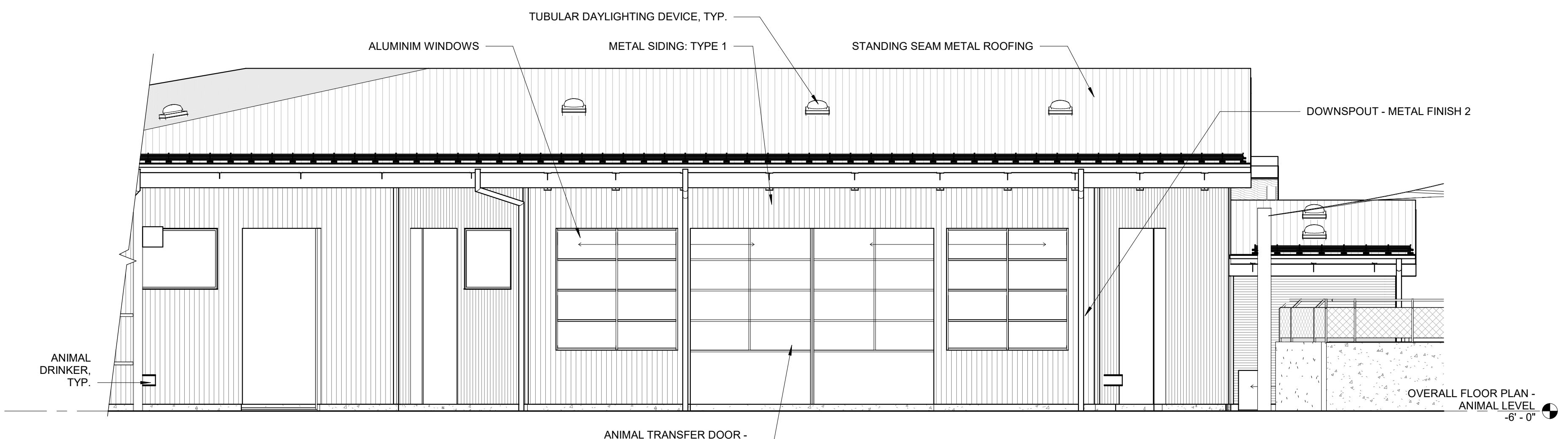
**6 ELEVATION - NORTH**  
1/8" = 1'-0"



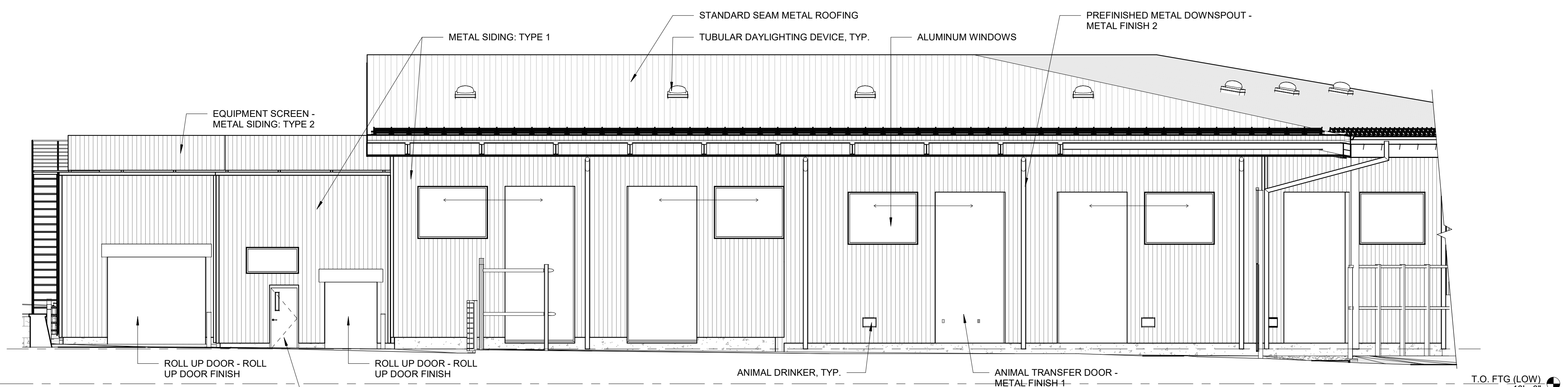
**5 ELEVATION - EAST BASE BID**  
1/8" = 1'-0"



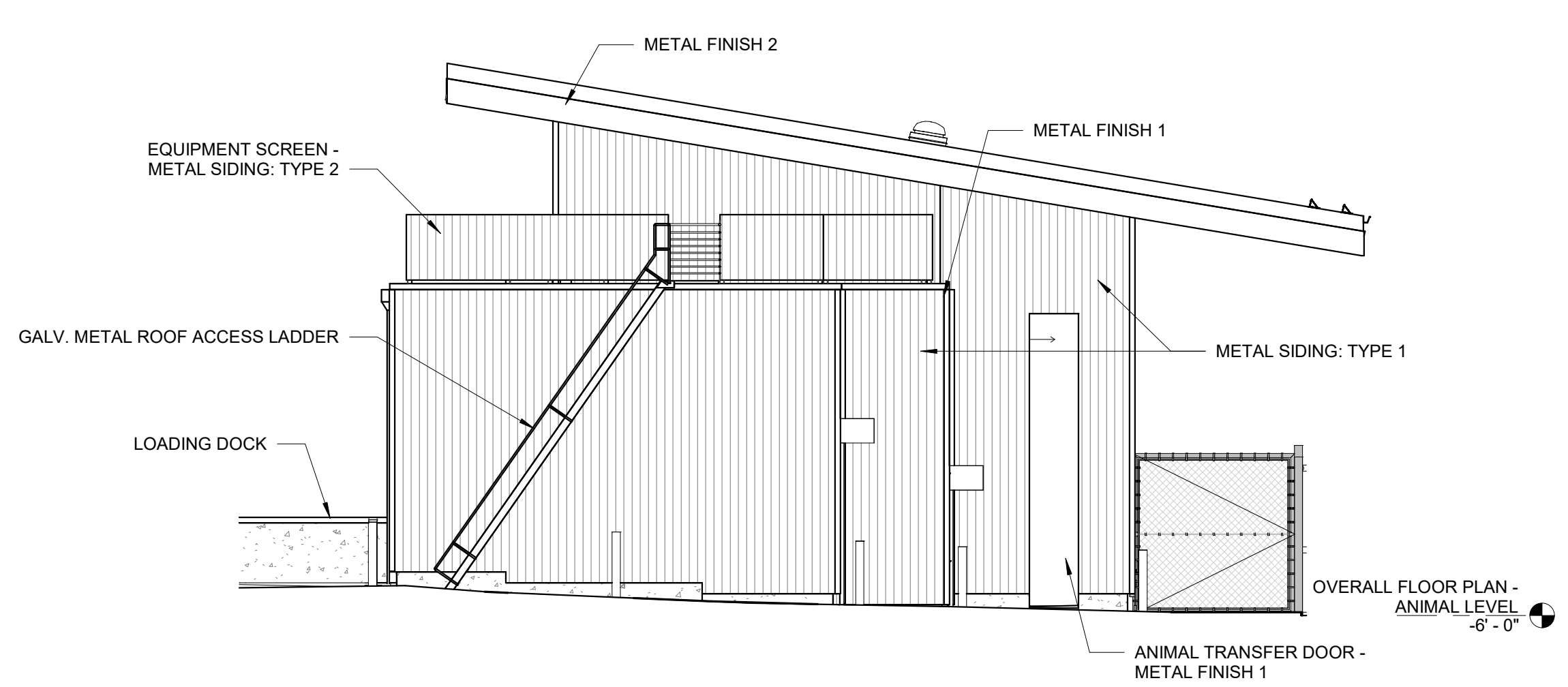
**4 ELEVATION - ENTRY**  
1/8" = 1'-0"



**3 ELEVATION - SOUTH**  
1/8" = 1'-0"



**2 ELEVATION - WEST**  
1/8" = 1'-0"



**1 ELEVATION - NORTH SERVICE**  
1/8" = 1'-0"



**HENRY VILAS ZOO**  
702 S. Randall Ave., Madison, WI 53715

**clr** DESIGN  
EXHIBIT DESIGN  
ARCHITECTURE  
LANDSCAPE ARCHITECTURE  
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Seal:

**NOT FOR CONSTRUCTION**

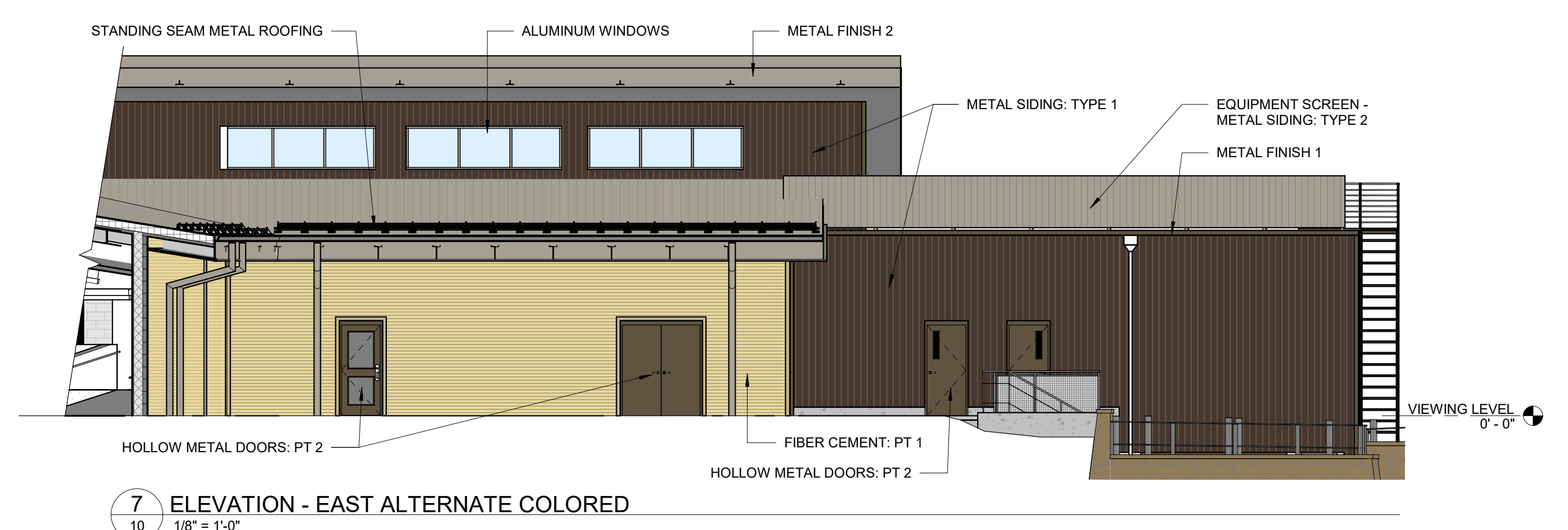
Revisions:

No.	Description	Date
Urban Design Commission	11/04/2024	
1	UDC Revision	12/02/2024

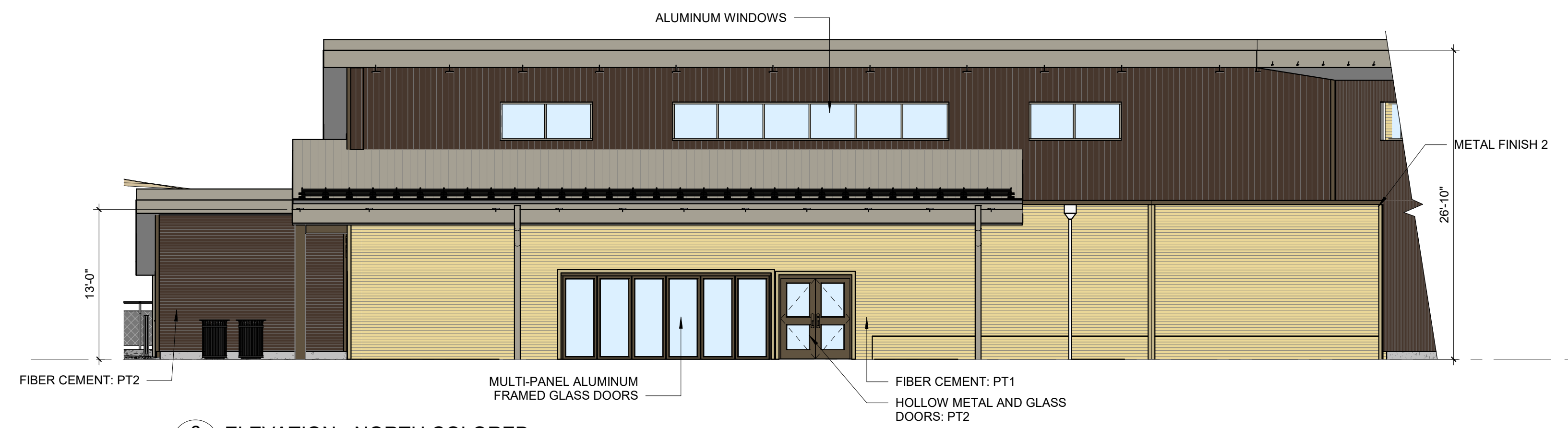
Sheet Title  
**Rendered Building Elevations**

CLR Project No.: HVL21HOZ  
Project Manager: -  
Drawn: - Checked: -  
Date: 11/04/2024  
Scale: 1/8" = 1'-0"  
0ft 2 4 8

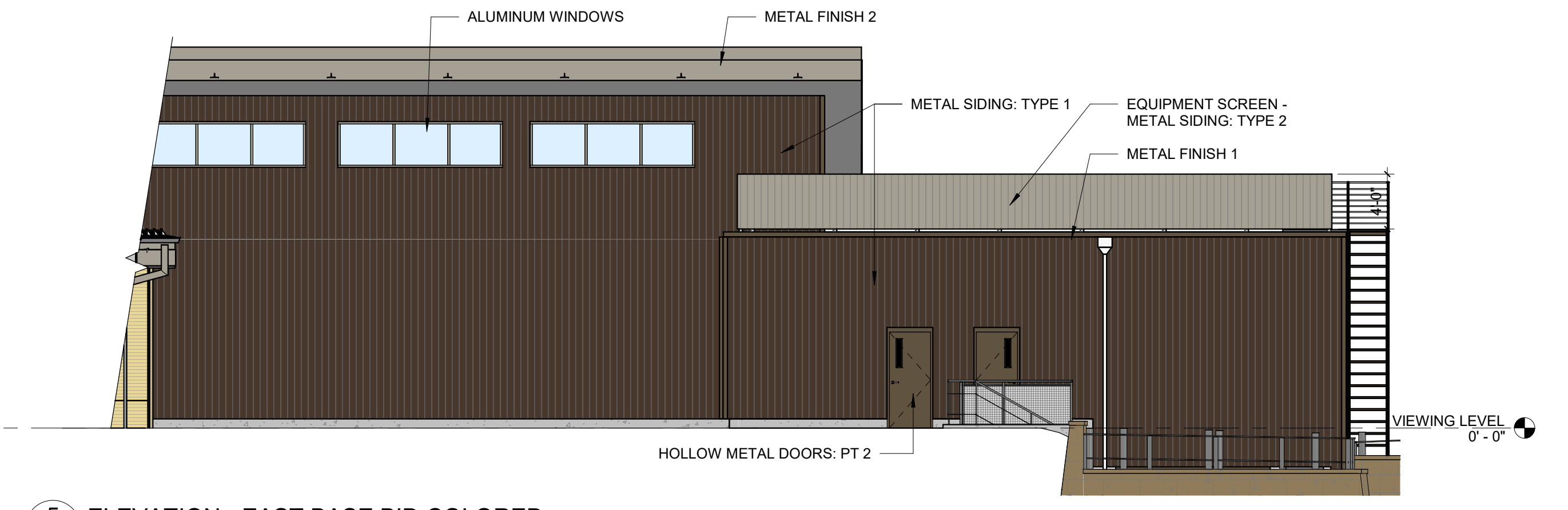
Sheet No.  
**10**  
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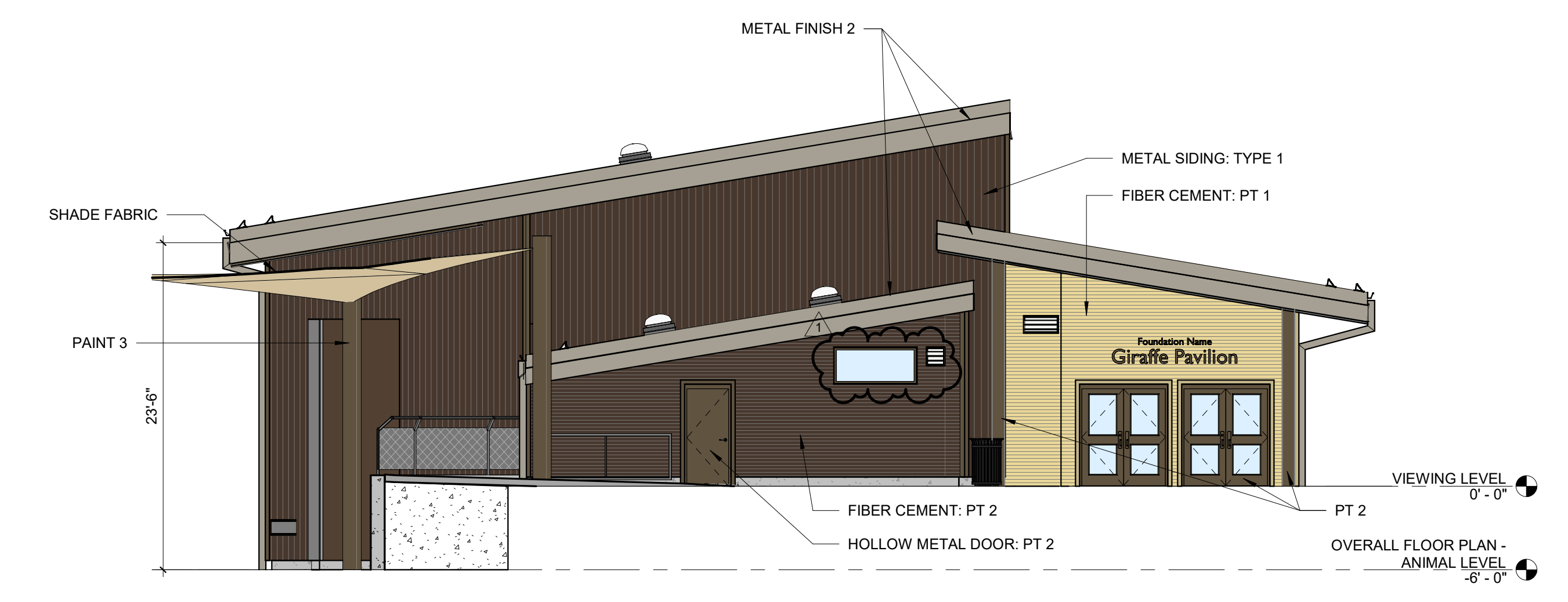
**7 ELEVATION - EAST ALTERNATE COLORED**  
1/8" = 1'-0"



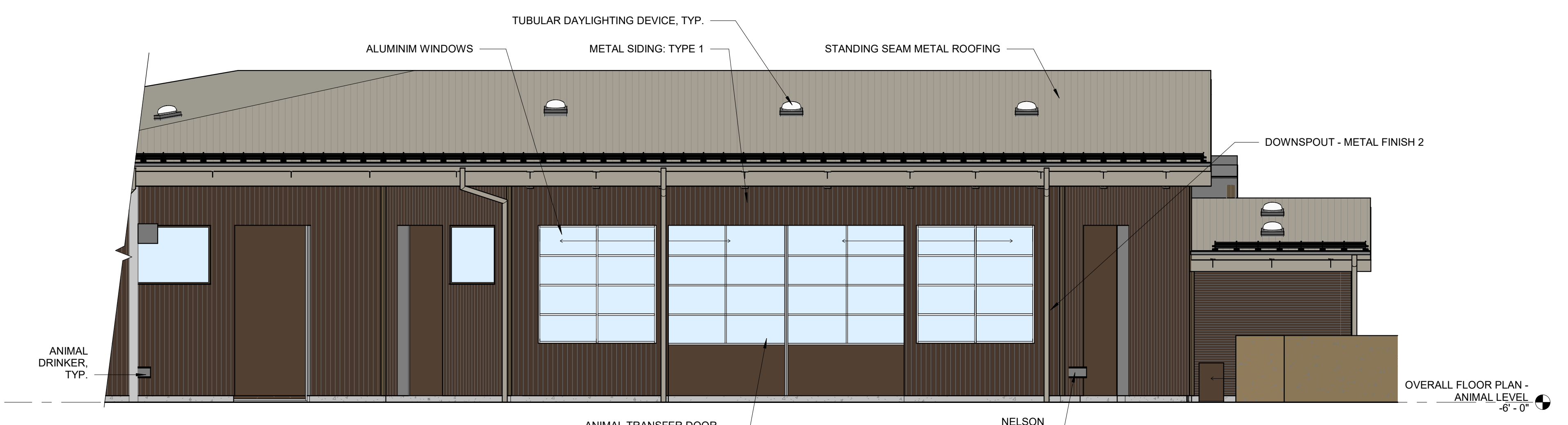
**6 ELEVATION - NORTH COLORED**  
1/8" = 1'-0"



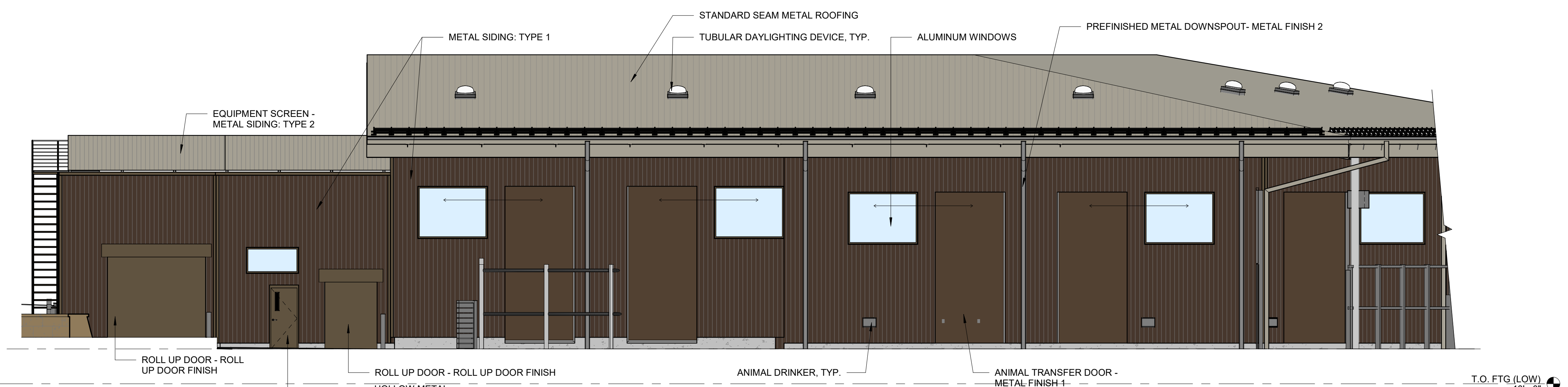
**5 ELEVATION - EAST BASE BID COLORED**  
1/8" = 1'-0"



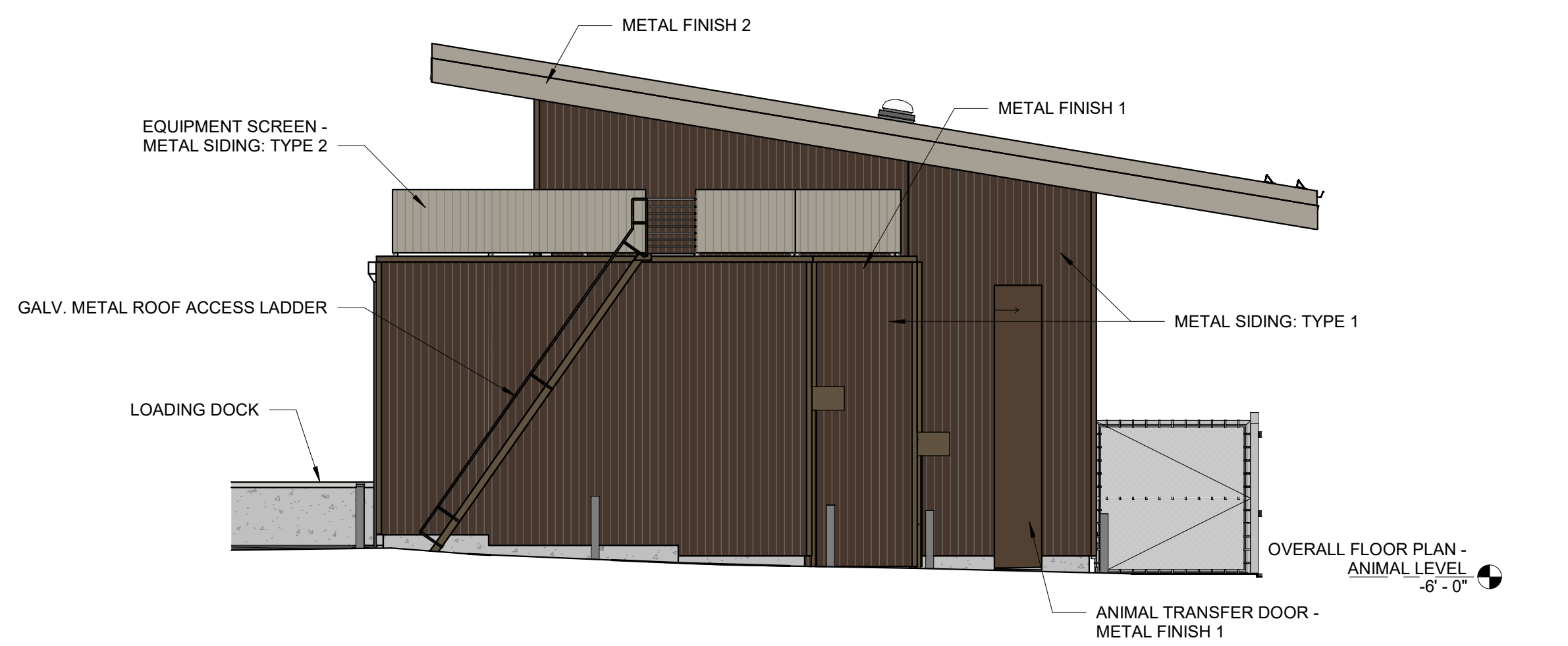
**4 ELEVATION - ENTRY COLORED**  
1/8" = 1'-0"



**3 ELEVATION - SOUTH COLORED**  
1/8" = 1'-0"

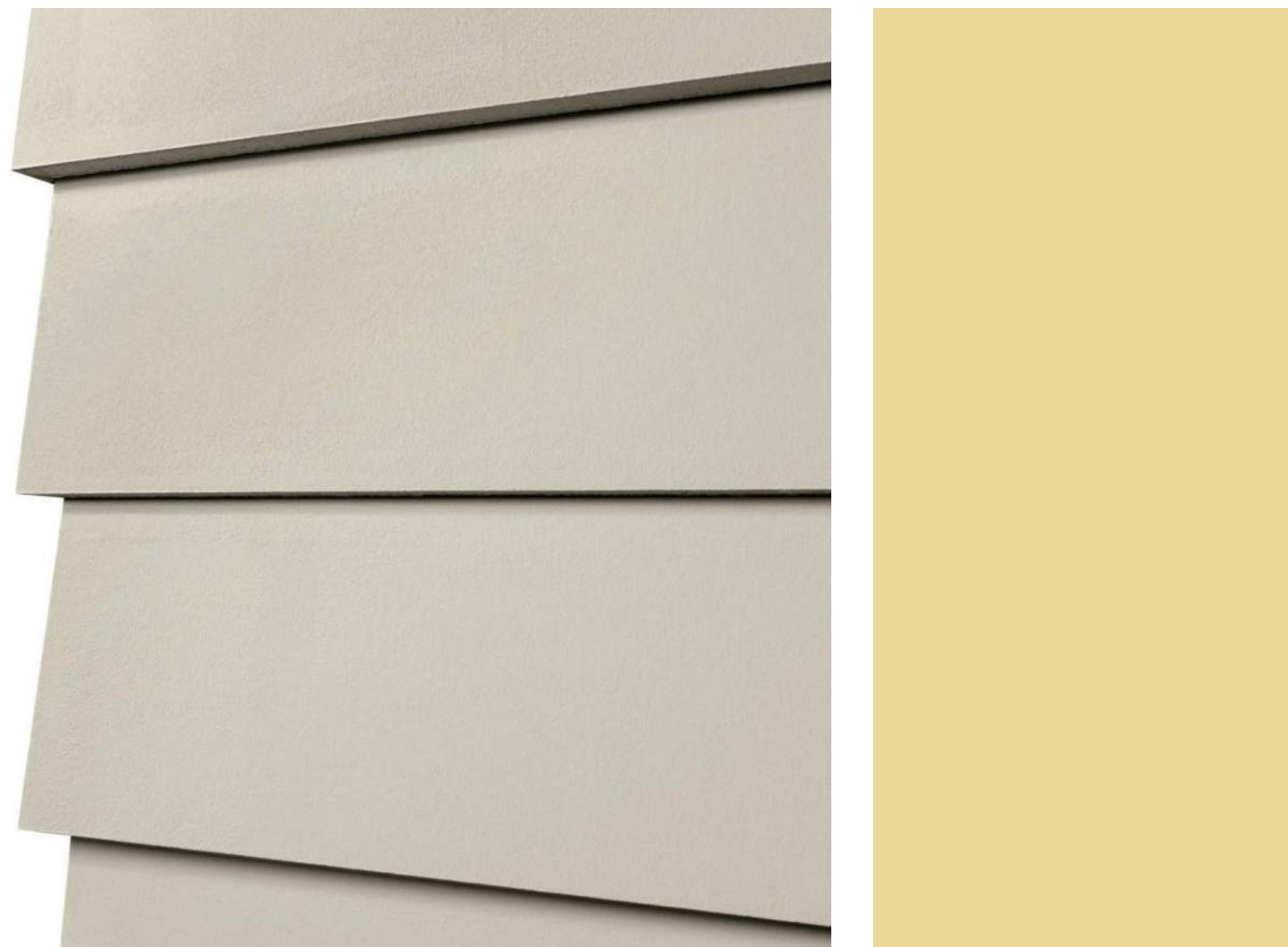


**2 ELEVATION - WEST COLORED**  
1/8" = 1'-0"



**1 ELEVATION - NORTH SERVICE COLORED**  
1/8" = 1'-0"

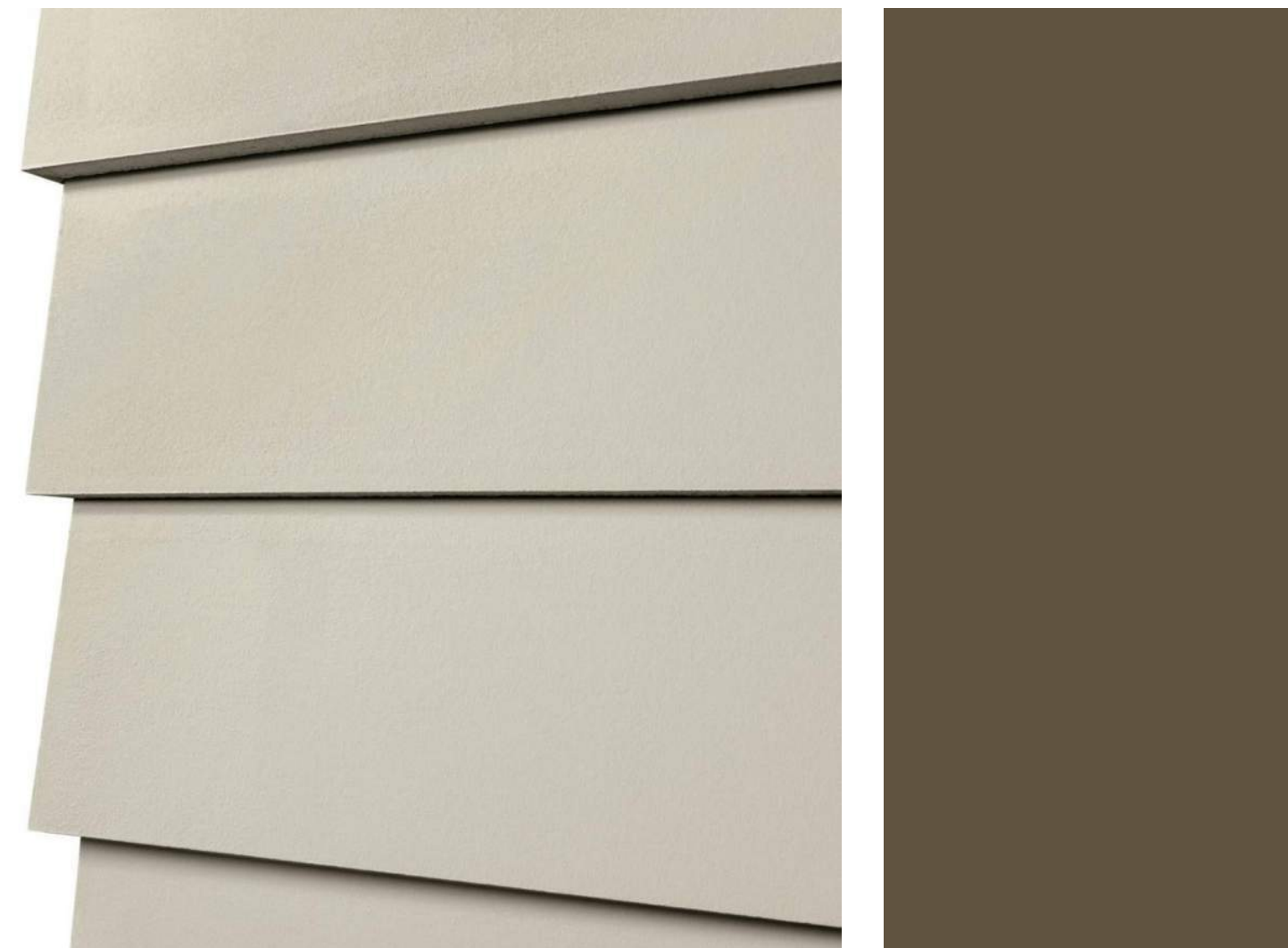
FIBER CEMENT: PAINT 1



HARDIE PLANK SMOOTH LAP

PAINTED - SW6688 SOLARIA

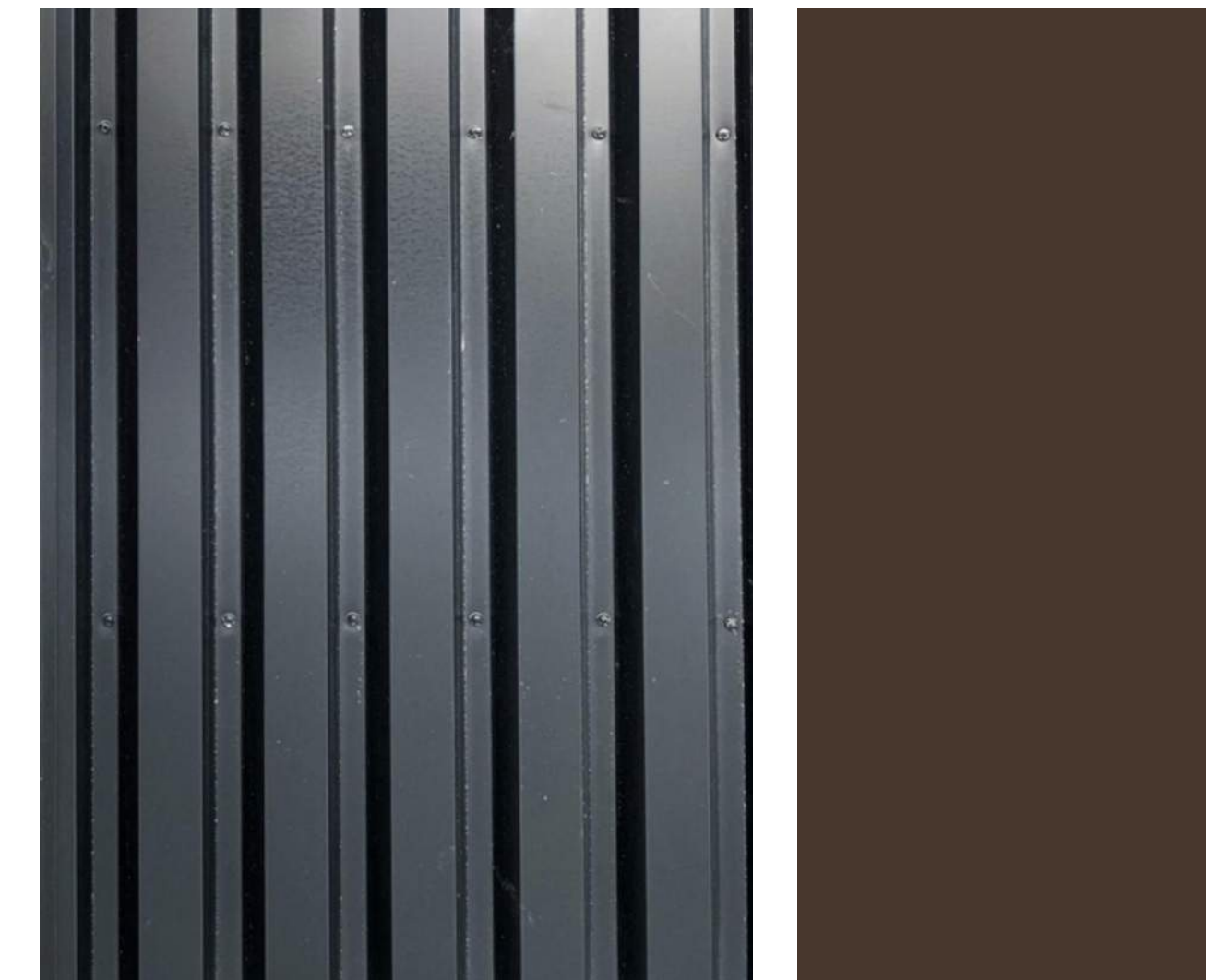
FIBER CEMENT: PAINT 2



HARDIE PLANK SMOOTH LAP

PAINTED - SW6153 PROTEGE BRONZE

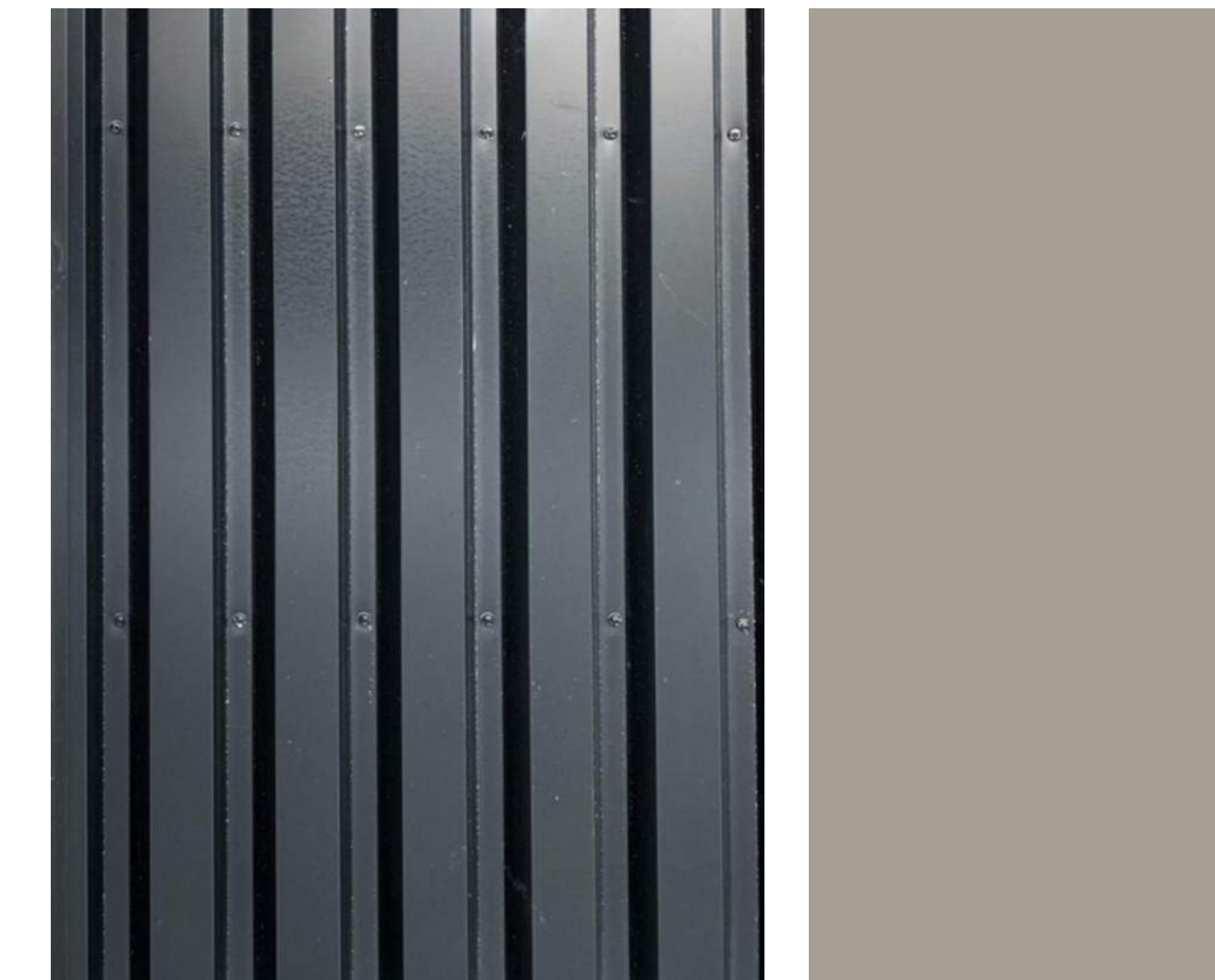
METAL SIDING: TYPE 1



EXPOSED FASTENER METAL PANEL, PROFILE: T10-B (METAL SALES)

MEDIUM BRONZE (METAL SALES)

METAL SIDING: TYPE 2



EXPOSED FASTENER METAL PANEL, PROFILE: T10-B (METAL SALES)

OLD ZINC GREY (METAL SALES)

HEART OF THE ZOO



**HENRY VILAS ZOO**  
702 S. Randall Ave., Madison, WI 53715

**clr** EXHIBIT DESIGN  
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LANDSCAPE ARCHITECTURE  
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**KRECH OJARD**  
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Seal:

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Revisions:

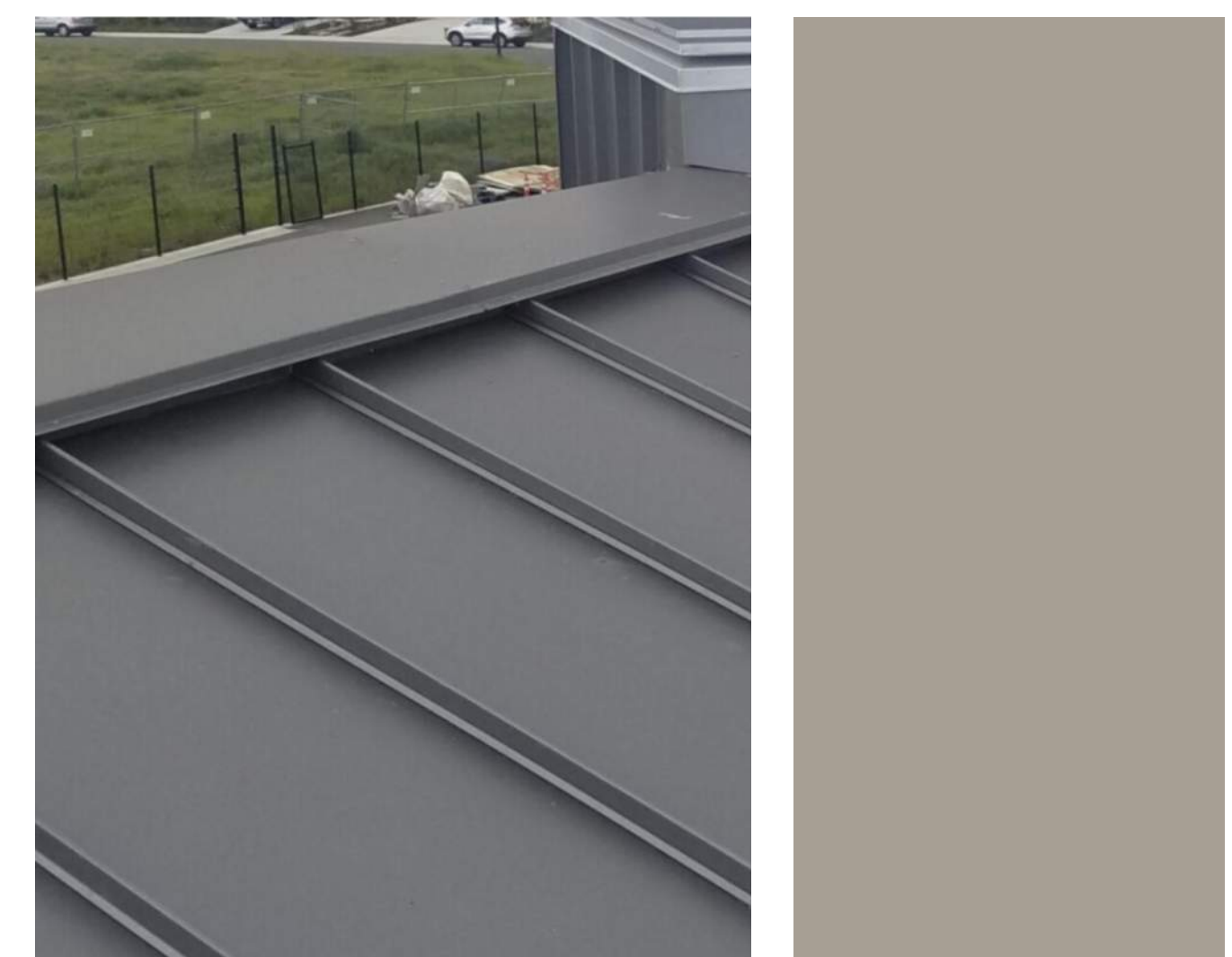
No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
**Materials Board**

CLR Project No.: HVL21HOZ  
Project Manager: -  
Drawn: Author      Checked: Checker  
Date: 11/04/2024  
Scale:

Sheet No.  
**11**  
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STANDING SEAM METAL ROOF



MAGNA-LOC 180 (METAL SALES)

OLD ZINC GREY (METAL SALES)

TPO MEMBRANE ROOFING



GRAY (CARLISLE)

SHADE FABRIC



ALUMINUM



MEDIUM BRONZE (KAWNEER)

PAINT 2

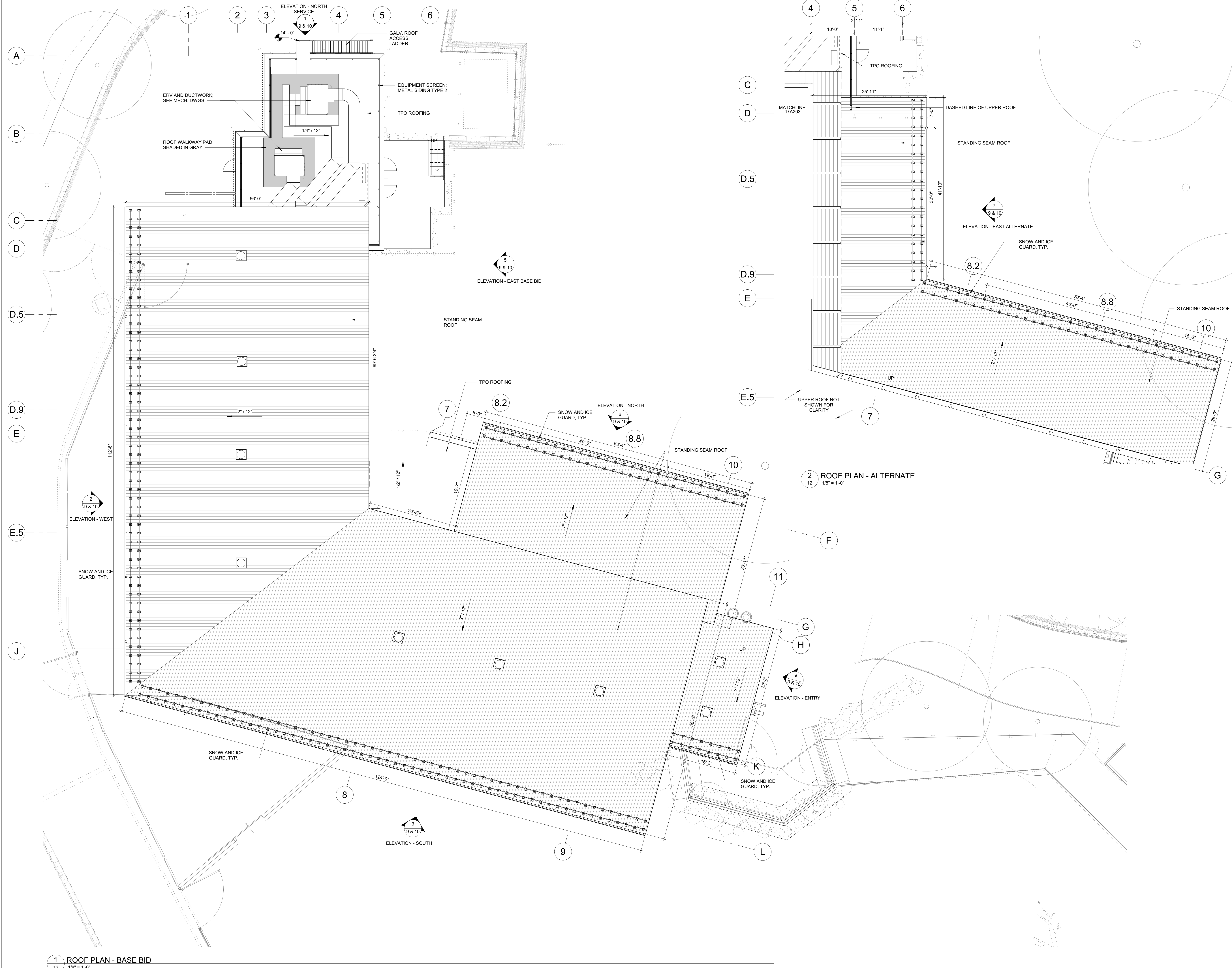


SW6153 PROTEGE BRONZE

ROLL UP DOOR FINISH



RAL 7008 (OVERHEAD DOORS)



1 ROOF PLAN - BASE BID  
1/8" = 1'-0"

2 ROOF PLAN - ALTERNATE  
1/8" = 1'-0"

HEART OF THE ZOO



HENRY VILAS ZOO®  
702 S. Randall Ave., Madison, WI 53715

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Revisions:

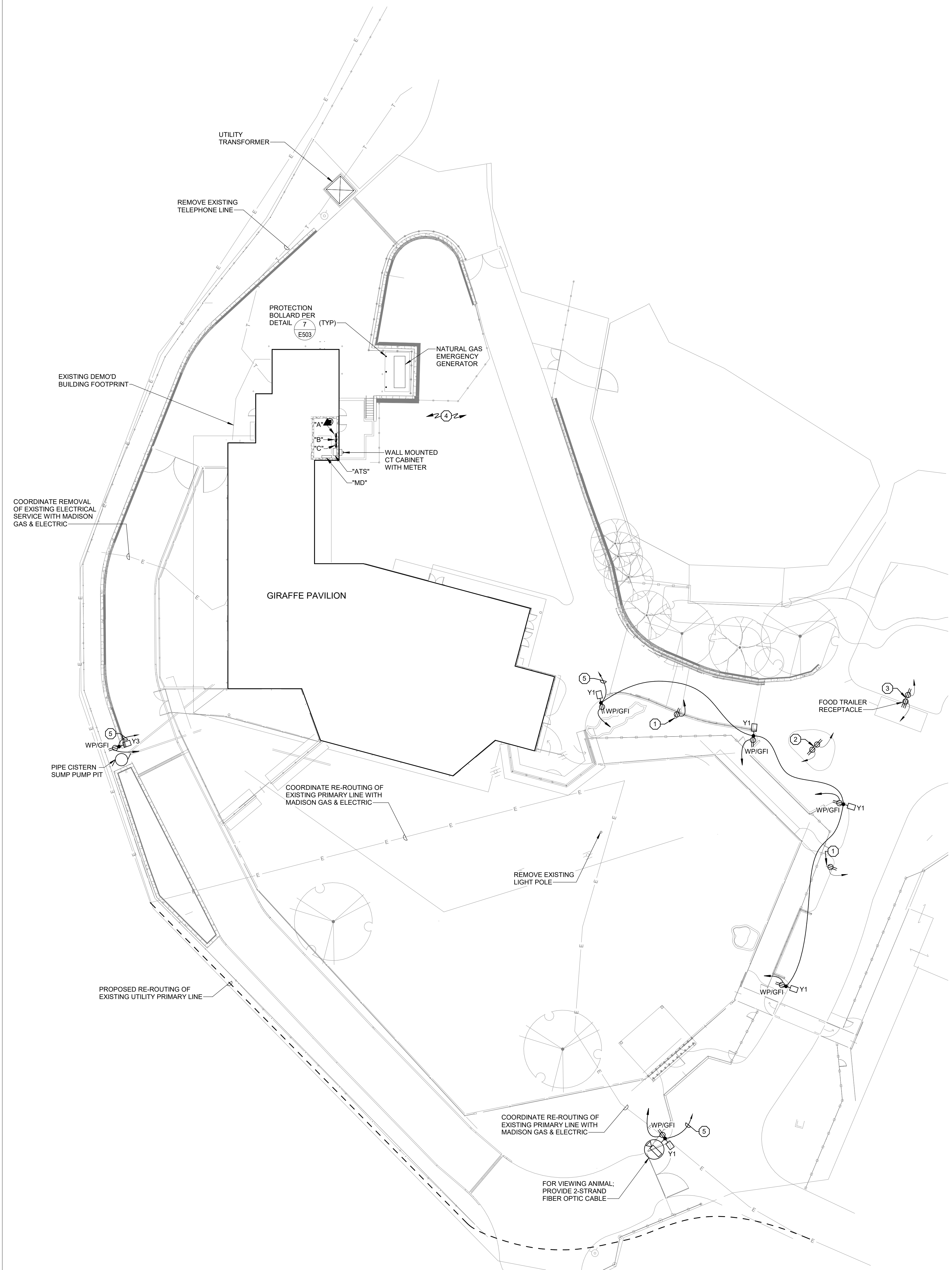
No.	Description	Date
1	Urban Design Commission	11/04/2024

Sheet Title  
**Roof Plan**

CLR Project No.: HVL21HOZ  
Project Manager: -  
Drawn: Author      Checked: Checker  
Date: 11/04/2024  
Scale: 1/8" = 1'-0"  
0ft 2 4 8

Sheet No.  
**12**  
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1 ELECTRICAL SITE PLAN  
1" = 20'-0"



2 ALTERNATE BID #2 ELECTRICAL SITE PLAN  
1" = 20'-0"

- GENERAL NOTES:**
1. UNLESS SHOWN OTHERWISE, ALL WIRING SHOWN IS (2)#10 AND #10 GROUND IN 1" PVC.
  2. INSTALL PULL CORD IN ALL EMPTY CONDUITS.
  3. PROVIDE 6" HIGH CONCRETE BASE PER DETAIL 4/E503 FOR ALL TYPE Y1 AND Y2 FIXTURES.
  4. PROVIDE 3'-0" HIGH CONCRETE BASE PER DETAIL 1/E503 FOR ALL TYPE Y3 FIXTURES.
  5. UNLESS SHOWN OTHERWISE, ALL CONDUITS BURIED 2'-6" BELOW FINISHED GRADE.
  6. BRING SITE EXCAVATION AND TOPPING BACK TO ORIGINAL CONDITION IF TRENCHING IS DONE ON COMPACTED SURFACES.

- PLAN NOTES:**
1. PROVIDE SINGLE DUPLEX OUTLET POWER PEDESTAL PER DETAIL 4/---.
  2. PROVIDE (2) DUPLEX OUTLET POWER PEDESTAL PER DETAIL 4/---.
  3. PROVIDE DUPLEX OUTLET AND POWER OUTLET POWER PEDESTAL PER DETAIL 4/---.
  4. SEE ALTERNATE BID #2 PLAN FOR ADDITIONAL SITE LIGHTING AND POWER PEDESTALS IN THIS AREA.
  5. CIRCUIT VIA LIGHTING RELAY IN RELAY PANEL "RP-A1"; SEE DETAIL 5/E503.

HEART OF THE ZOO



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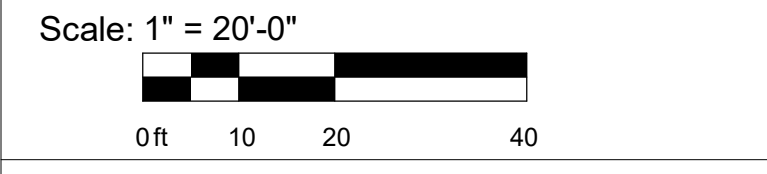
Seal:

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Revisions:		
No.	Description	Date
1	Urban Design Commission	11/04/204

Sheet Title  
**Electrical Site Layout**

CLR Project No.: HVL21HOZ  
Project Manager: LBG  
Drawn: KWB Checked: LBG  
Date: 10/02/2024



Sheet No.



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Seal:  
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Revisions:

No.	Description	Date
1	Urban Design Commission	11/04/204

Sheet Title  
**SITE PHOTOMETRY CALCULATIONS**

CLR Project No.: HVL21HOZ  
Project Manager: LBG

Drawn: KWB Checked: LBG

Date: 10/02/2024

Scale: 1" = 20'-0"  
0ft 10 20 40

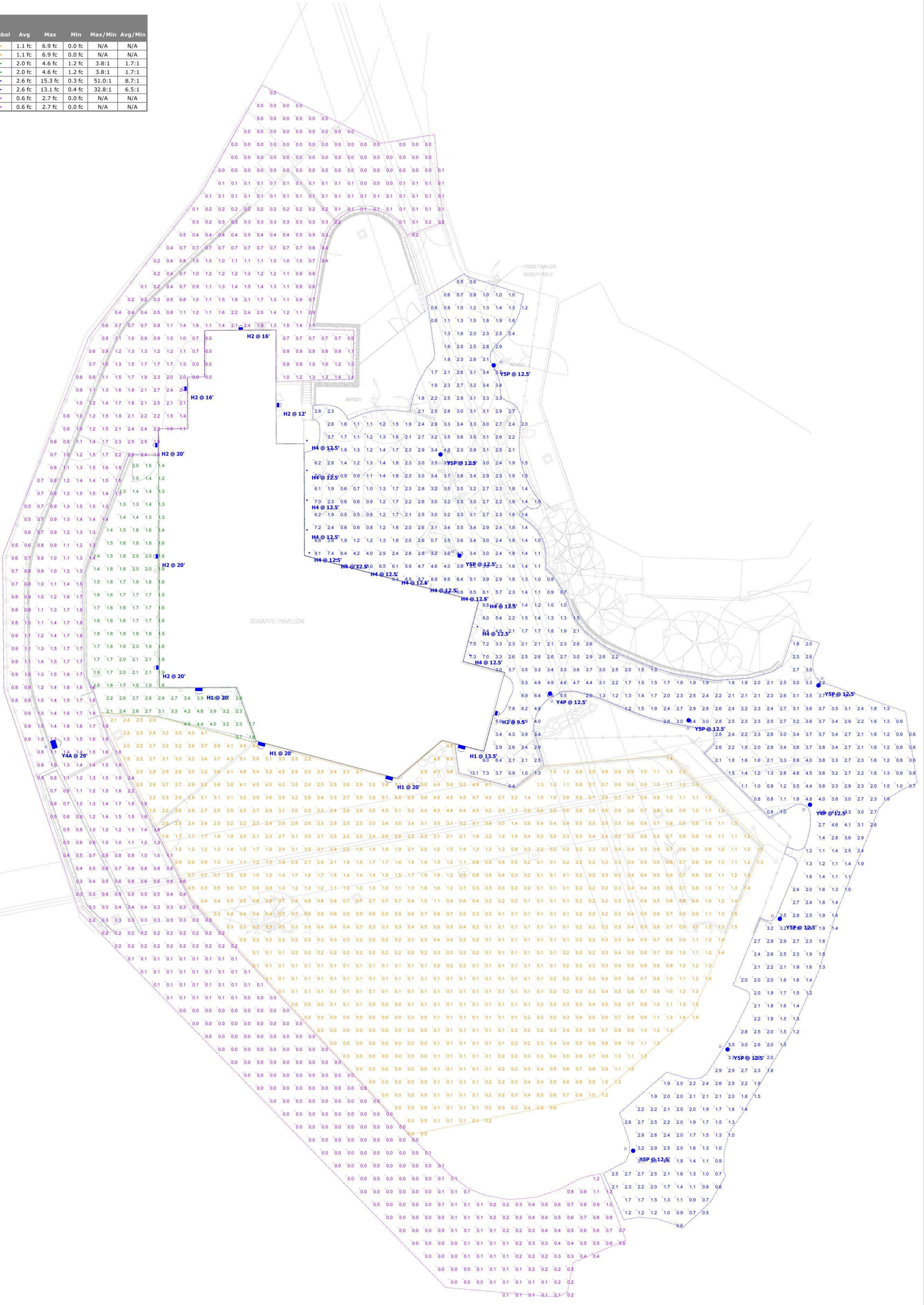
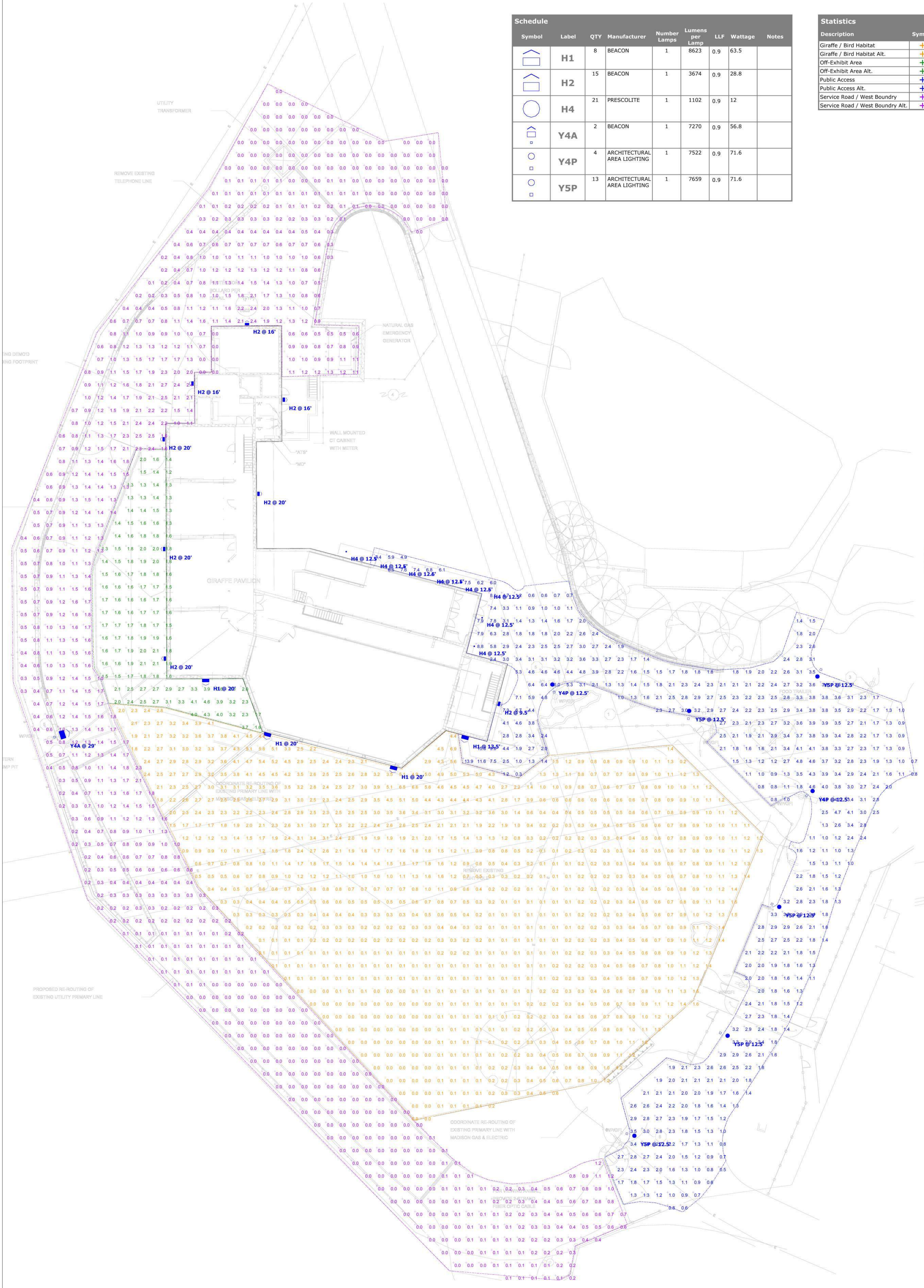
Sheet No.

Schedule

Symbol	Label	QTY	Manufacturer	Number Lamps	Lumens per Lamp	LLF	Wattage	Notes
	H1	8	BEACON	1	8623	0.9	63.5	
	H2	15	BEACON	1	3674	0.9	28.8	
	H4	21	PRESCOLITE	1	1102	0.9	12	
	Y4A	2	BEACON	1	7270	0.9	56.8	
	Y4P	4	ARCHITECTURAL AREA LIGHTING	1	7522	0.9	71.6	
	Y5P	13	ARCHITECTURAL AREA LIGHTING	1	7659	0.9	71.6	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Giraffe / Bird Habitat	+	1.1 fc	6.9 fc	0.0 fc	N/A	N/A
Giraffe / Bird Habitat Alt.	+	1.1 fc	6.9 fc	0.0 fc	N/A	N/A
Off-Exhibit Area	+	2.0 fc	4.6 fc	1.2 fc	3.8:1	3.7:1
Off-Exhibit Area Alt.	+	2.0 fc	4.6 fc	1.2 fc	3.8:1	3.7:1
Public Access	+	2.6 fc	15.3 fc	0.3 fc	51.0:1	8.7:1
Public Access Alt.	+	2.6 fc	13.1 fc	0.4 fc	32.8:1	6.5:1
Service Road / West Boundary	+	0.6 fc	2.7 fc	0.0 fc	N/A	N/A
Service Road / West Boundary Alt.	+	0.6 fc	2.7 fc	0.0 fc	N/A	N/A



1 SITE PHOTOMETRICS - BASE BID  
1" = 20'-0"

2 SITE PHOTOMETRICS - W/ ADD ALTERNATES 1 & 2 FOR EVENT SUPPORT & PATIO  
1" = 20'-0"