Ventura County Community College District

PURCHASING DEPARTMENT

DATE: 01/29/26
TO: All Bidders
FROM: David Cienfuegos, Purchasing Specialist
SUBJECT: Addendum 1 – Bid 722 Moorpark College ANCT Zoo Visitor Bleachers & Animal Shelter Project

The addendum is to announce and serve as official notice that there is a change to Bid 722 Moorpark College ANCT Zoo Visitor Bleachers & Animal Shelter Project.

NEW BID OPENING TIME AND DATE

The Bid opening time and date has been changed to:

3:00pm on Thursday, February 05th, 2026

This addendum is hereby made part of the Contract Documents to the same extent as though it was originally included therein and takes precedence over the original documents. The outdated pages must be replaced with any updated and/or changed pages when submitting your bid. ***Acknowledge receipt of all addenda on the Bid Form***.

Bids must be received no later than **3:00 p.m**. at 761 E Daily Drive, Suite 200, Camarillo, CA 93010. Properly mark the outside of the exterior envelope on your submitted bid with the Bid Number and Name according to the requirements stated in the bid packet directions.

If you choose not to participate in this particular bid, please sign the Bid Proposal stating "no bid" and email or fax it back to me at 805-652-7700.

It is the responsibility of the Bidder to verify that their proposal has been received by the VCCCD Purchasing Department prior to the opening date. Verification of receipt can be made through the listed Purchasing Specialist.

Attached to this addendum, please find updated technical specifications which include the addition of site signage. Additionally, please find a report from Geotechniques, summarizing site conditions and provides recommendations for the proposed bleachers and animal shelter at the Presentation Area of the Zoo.

The following information is in answer to questions that were asked at the job walk and via email request. The deadline for questions was Tuesday, June 24th, 2025. No further questions will be accepted.

1) Is this project subject to PLA/PSA Requirements?

a) VCCCD does not have a PLA agreement at this time.

2) Please provide the type or material for the boulders shown on sheet L2.1
   a) Sandstone.

3) Per irrigation legend on sheet L1.2, the two-wire cable is to be installed in a 1 ¼" SCH 40 electrical conduit. However. Detail 6/L1.3 shows the two-wire cable installed in a 1" SCH 40 conduit. Please clarify.
   a) All two-wire cable shall be installed in a continuous 1 ¼" Sch. 40 PVC electrical conduit.

4) Detail 5/L2.2 specifies a 2"x4" Brend-a-Board header. However, technical specs section 2.10/ 32 9010 states header is 1.37" x 3.4" size, which is not available. Please clarify.
   a) 2 x 4 is the normal size. 1.37" x 3.4" is the actual size.

5) According to section 32 9200, section 2.3 specifies the hydroseed mix for turf renovation. However, it does not provide details regarding the hydroseed slurry mix or the installation method for hydroseeding. Instead, it mentions the seed mix rate, fertilizer, and 'top dressing for lawn' per square foot. This does not represent the hydroseed slurry mix ratio for the hydroseeding method but rather resembles broadcasting. Please provide clarification.
   a) Follow procedure in Paragraph 3.1. Broadcast seed manually after area is level and smooth.

6) Please provide a list of manufactures for the Shelter Structure.
   a) Valley School Shelters. Contact representative: Park Planet, 415 Elm Street, Red Bluff CA 96080. Phone (530) 244-6116.

7) Specification page 133416-3, 1.04 Submittals, B. states Deferred Approval by Division of the State Architect. The DSA Stamp on the drawings indicates SS, FLS, and ACS approval 06/19/25. Have the Grandstand drawings been submitted and approved by DSA? If not, are they currently at DSA for review? If neither is the case, will the grandstands actually be a Deferred Approval after the project is awarded?
   a) This will be a deferred approval item after award. Contractor shall submit to Architect for review. Architect will comment if necessary. Once submittal is deemed complete, Architect shall submit to DSA for review and approval. Contractor can expect as least two submittals to DSA for comment resolution. Bleacher Company will interface directly with DSA as needed to obtain approval.

8) Bleacher Manufacturer?

a) Specs were created with Southern Bleacher in mind, however bidders may use alternative manufactures when constructing their bid.

9) Who is responsible for temp fencing?
   a) Awarded bidder is responsible for providing temp fencing for this project. Provide and maintain screening fabric at temporary fencing facing main access road.

10) Who is responsible for providing the materials for bleachers and shade structure?
   a) Awarded bidder is responsible for providing the materials for this project.

11) Is there a prequalification for this project?
   a) There is no prequalification however contractor is to provide their financials as apart of their bid. Please see Section 00240 Statement of Bidder's Qualifications subsection 1.02 Financial for details.

12) Where will the layout and construction parking be located?
   a) Campus will work with the awarded bidder to determine layout and consturction parking.

13) Can the back road to the zoo accommodate a concrete truck?
   a) Yes.

14) What is the completion time of this project?
   a) Please see section 00800 Special Condition of the bid documents.

15) Water line size?
   a) 3 inch water line.

16) What company was used as the acceptable standard for the faux stone plaster?
   a) Mark Allen, Mark@stonefaceinc.com, (949) 370-9880.

17) Is the CUM to be standard grey color?
   a) No, color shall be Standstone Precision, Medium Weight Stock.

End of Section

BID #722 – Moorpark College – ANCT ZOO VISITOR BLEACHERS AND ANIMAL SHELTER

ADDENDUM 001, dated 01/29/2026

DRAWING changes and clarifications noted as Addendum 01 and dated 01/29/2026:

G000 – TITLE SHEET

C101 – GRADING PLAN

A102 – DEMOLITION SITE PLAN

A104 – ENLARGED SITE PLAN

A105 – ENLARGED SITE DIMENSION PLAN

A301 – WALL SECTIONS

A801 – SIGNAGE PLAN & SCHEDULE

B3 – BLEACHER SECTION

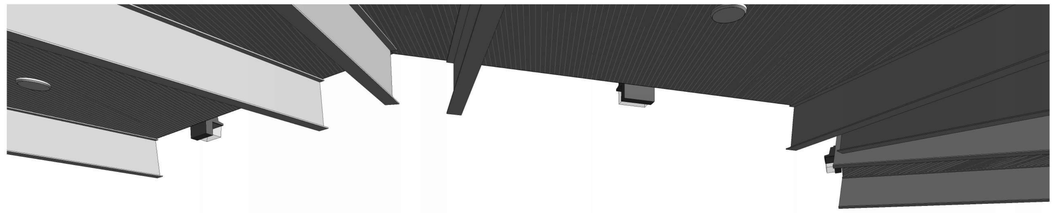
B4 – BLEACHER SECTION AND SIGHTLINES

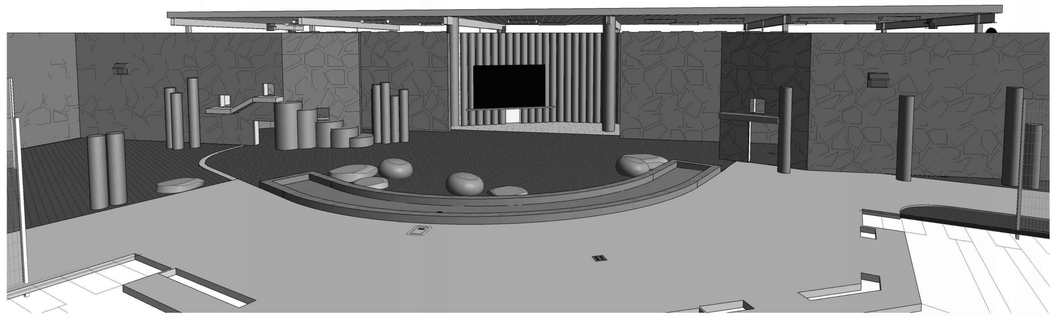
B5 – BLEACHER SEATING AND ROOF LAYOUT

MOORPARK ZOO SITE SIGNAGE PACKAGE, DATED 01/27/2026 (23 PAGES)

GEOTECHNICAL LETTER, DATED JUNE 14, 2024 (7 PAGES)

BIDDER AND JOB WALK QUESTIONS AND ANSWERS (2 PAGES)



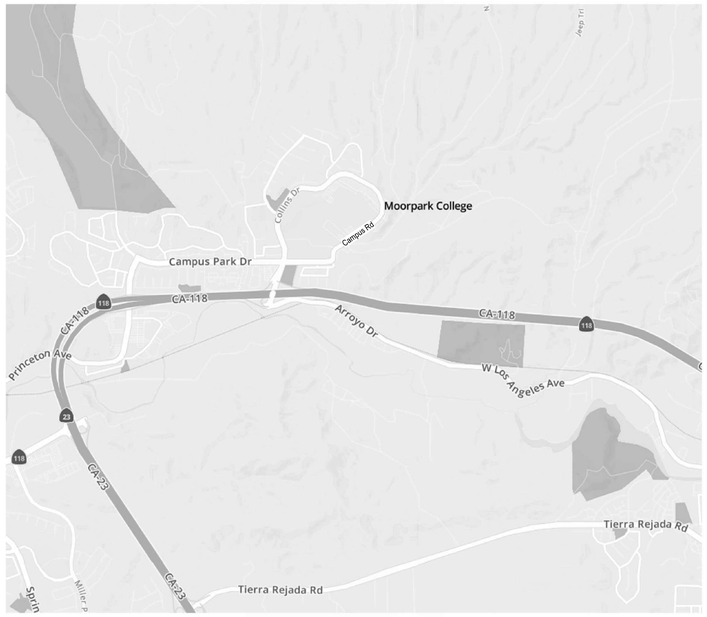


ANCT ZOO VISITOR BLEACHERS & ANIMAL SHELTER

MOORPARK COLLEGE

7075 CAMPUS ROAD
MOORPARK, CA 91320

VICINITY MAP



NORTH

PROJECT TEAM

OWNER
MOORPARK COMMUNITY COLLEGE
7075 CAMPUS RD.
MOORPARK, CA 93021
(805) 378-1400

CIVIL ENGINEER
ENCOMPASS CONSULTANT GROUP
333 N. LANTANA STREET, SUITE 287
CAMARILLO, CALIFORNIA 93010
(805) 322-4443

ARCHITECT
AMADOR WHITTLE ARCHITECTS, INC.
28328 AGOURA RD. #203
AGOURA HILLS, CA 91301
(805) 530-3938

LANDSCAPE ARCHITECT
JORDAN, GILBERT & BAIN LANDSCAPE ARCHITECTS, INC.
459 N. VENTURA AVENUE,
VENTURA, CALIFORNIA 93001
(805) 642-3641

STRUCTURAL ENGINEER
ORION STRUCTURAL GROUP, INC.
223 EAST THOUSAND OAKS BLVD., #304
THOUSAND OAKS, CA 91360
(805) 390-9242

MECHANICAL/ PLUMBING ENGINEER
AE GROUP MECHANICAL ENGINEERS, INC.
838 EAST FRONT STREET
VENTURA, CA 93001
(805) 653-1722

ELECTRICAL ENGINEER
LUCCI & ASSOCIATES, INC.
3251 CORTE MALPASO, #511
CAMARILLO, CA 93012
(805) 389-6520

SCOPE OF WORK

BLEACHER AND SHADE STRUCTURE ADDITION:

1. CONSTRUCT 3,000 S.F. ANIMAL SHELTER
2. CONSTRUCT A 471 SEAT, 2,730 S.F. BLEACHER WITH ROOF
3. CONSTRUCT PAVING AND LANDSCAPING OF THE ZOO PRESENTATION AREA
4. PROVIDE IRRIGATION TO LANDSCAPE AREAS
5. PROVIDE EMERGENCY SITE LIGHTING
6. PROVIDE FIRE ALARM

DEFERRED APPROVALS

NOTE: FABRICATION AND INSTALLATION OF ITEMS BELOW SHALL NOT BE STARTED UNTIL DETAILED PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS OF THE ACTUAL SYSTEM TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. SUCH PLANS AND SPECIFICATIONS SHALL BE SIGNED BY THE ARCHITECT OF RECORD OR USE "STATEMENT FOR PLANS PREPARED BY OTHER DESIGN PROFESSIONALS".

DEFERRED ITEMS ARE:

1. BLEACHERS WITH ROOF

NOTE: IT IS THE ARCHITECT'S RESPONSIBILITY TO SUBMIT DEFERRED SUBMITTAL ITEMS TO DSA FOR APPROVAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TO THE ARCHITECT, ALL REQUIRED INFORMATION FOR THE DEFERRED PERMITS. CONTRACTOR SHALL ALLOW AN ADDITIONAL 60 DAYS IN ADDITION TO THE STANDARD SUBMITTAL PROCESS FOR DSA APPROVAL OF DEFERRED ITEMS.

REFERENCED DSA A#S

A03-111321 EATM BUILDING - RESTROOMS (CLOSED AND CERTIFIED)
A03-121105 TIGER ENCLOSURE - PARKING (CLOSED AND CERTIFIED)

DESIGN CRITERIA - (BLEACHER STRUCTURE)

DESIGN IS BASED ON 2022 CALIFORNIA BUILDING CODE (2022 CBC)

VERTICAL LIVE LOADS:
FLOOR LIVE LOAD: 100 PSF
ROOF LIVE LOAD: 20 PSF

SEISMIC FACTORS:
Ss = 1.99
S1 = 0.733
SITE CLASS: D (DEFAULT)
Fa = 1.0
SDS = 1.592
SEISMIC DESIGN CATEGORY: D
RISK CATEGORY: III

WIND FACTORS:
NOMINAL DESIGN WIND SPEED = 100 MPH
EXPOSURE CATEGORY = C
RISK CATEGORY = III

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS.

THESE DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET (AMERICAN MODULAR SYSTEMS DRAWINGS: TS TO P3.0 BY AMERICAN MODULAR SYSTEMS (BASED ON PC 02-115700) HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR (A#04-113721):

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND

2. COORDINATION WITH MY PLANS AND SPECIFICATIONS, AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317 (B))

I FIND THAT:
- ☐ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
- ☒ SHADE STRUCTURE DRAWINGS: A# 02-121471 PC
- ☒ SOUTHERN BLEACHER DEFERRED APPROVAL ITEM

☒ IS / ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND
☒ HAS / HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE OF THE ARCHITECT
LUCAS G. AMADOR, ARCHITECT
AMADOR WHITTLE ARCHITECTS, INC.

APRIL 14, 2025
DATE

C-37401
LICENSE NUMBER

DECEMBER 31, 2025
EXPIRATION DATE

SHEET INDEX

TOTAL SHEETS: 76

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124777 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 06/19/2025

MOORPARK COLLEGE

7075 CAMPUS RD
MOORPARK, CA 93021
TEL: (805) 378 - 1400

PROJECT TITLE AND SCHOOL LOCATION

ANCT ZOO VISITOR BLEACHERS & ANIMAL SHELTER
7075 CAMPUS ROAD
MOORPARK, CA 91320

COMMISSIONED ARCHITECT

AMADOR

amador whittle architects, inc
28328 AGOURA RD, 203 | AGOURA HILLS CA, 91301 | 805-558-4334

CONSULTANT

STAMPS/SEALS

LICENSED ARCHITECT
LUCAS AMADOR
C 37401
12-31-2025
RENEWAL DATE
STATE OF CALIFORNIA

ADDENDUM 1 - 01-29-2026

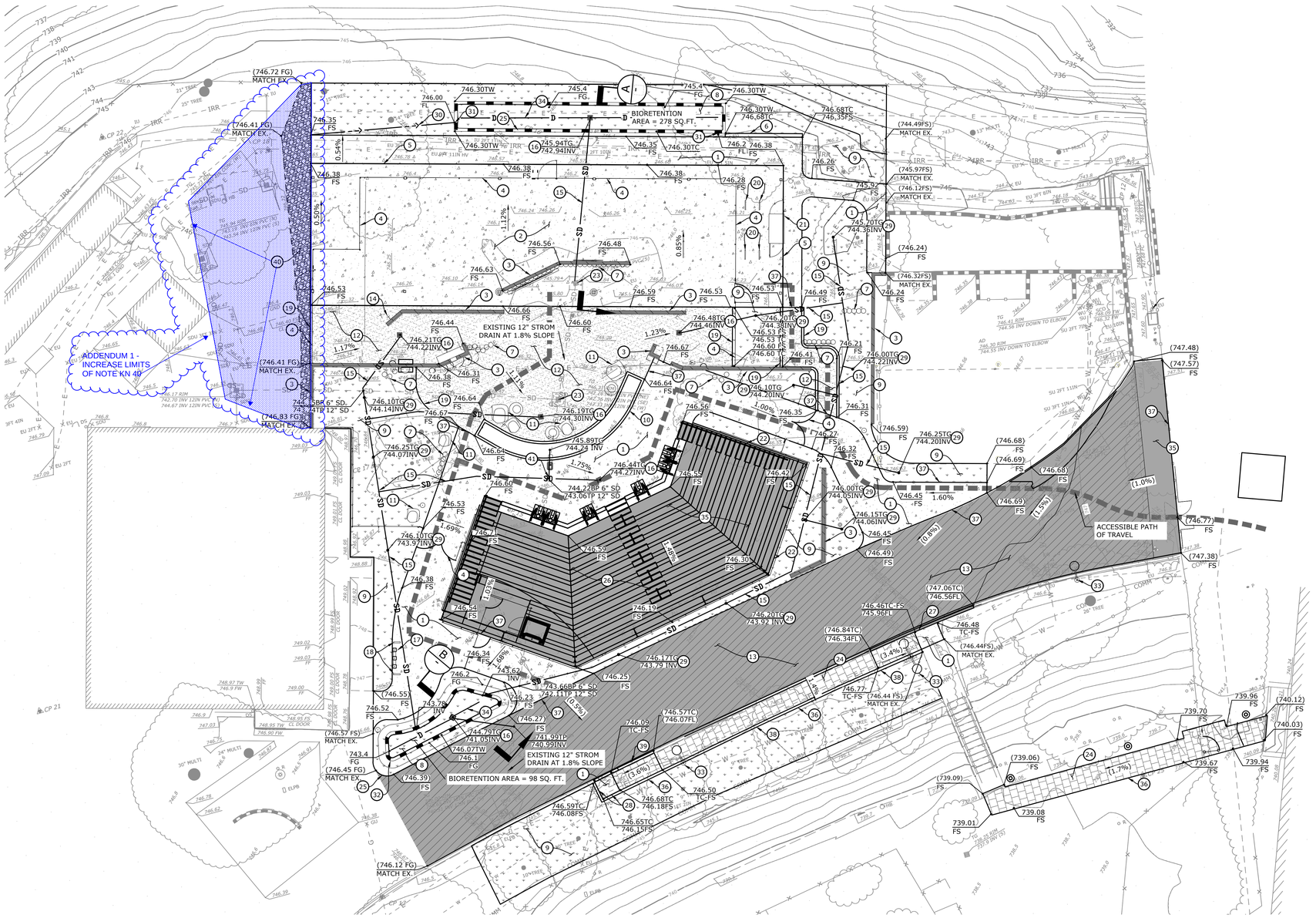
SHEET TITLE:

TITLE SHEET

PROJECT NO: 21-MPC-040
PROJECT ARCH:
DRAWN:
CHECKED:
SHEET NUMBER:

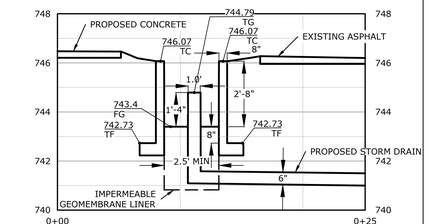
G000

DATE: 6/19/25
SHEET: ___ OF ___



CONSTRUCTION LEGEND

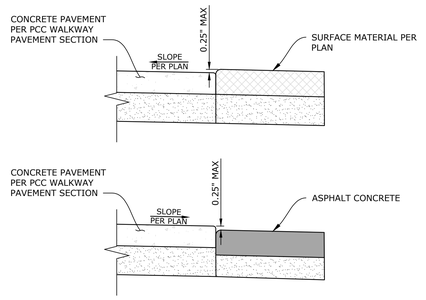
- PROPOSED PC CONCRETE
- PROPOSED AC PAVEMENT
- PROPOSED LANDSCAPING
- PROPOSED DECOMPOSED GRANITE
- PROPOSED ASPHALT CONCRETE RESURFACING
- PROPOSED PAVERS
- PROPOSED PEA GRAVEL
- ACCESSIBLE PATH OF TRAVEL
- PROPOSED STORM DRAIN
- PROPOSED UNDERDRAIN
- EXISTING STORM DRAIN
- EXISTING ELECTRICAL
- EXISTING COMMUNICATION
- EXISTING GAS
- EXISTING IRRIGATION
- GRADING LIMITS
- PROPOSED ATRIUM GRATE
- PROPOSED CATCH BASIN



SECTION

HORIZONTAL 1"=5'
VERTICAL 1"=2'

B



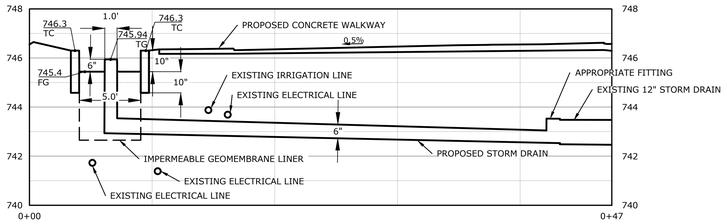
TRANSITION DETAIL

SCALE: N.T.S.

O

CONSTRUCTION NOTES

1. CONSTRUCT CONCRETE PAVEMENT PER DETAILS "B", "C", "D", AND "E" ON SHEET C102 .
2. CONSTRUCT CONCRETE SLAB PER STRUCTURAL PLANS.
3. CONSTRUCT CMU WALL PER STRUCTURAL PLANS.
4. CONSTRUCT STEEL MESH FENCE PER ARCHITECTS' PLANS.
5. CONSTRUCT SHADE STRUCTURE PER MANUFACTURE PLANS.
6. CONSTRUCT CONCRETE CURB PER SSPWC STANDARD PLAN 201 MODIFIED TO 4" HIGH.
7. CONSTRUCT DECORATIVE WOOD POST PER ARCHITECTS' PLANS.
8. CONSTRUCT BIOFILTRATION AREA WITH UNDERDRAIN PER DETAIL "K" SHEET C102.
9. CONSTRUCT PLANTING AREA PER LANDSCAPE ARCHITECTS' PLANS.
10. CONSTRUCT WATER FEATURE PER ARCHITECTS' PLANS.
11. INSTALL BOULDER PER ARCHITECTS' PLANS.
12. CONSTRUCT DECOMPOSED GRANITE PER LANDSCAPE ARCHITECTS' PLANS.
13. ASPHALT CONCRETE RESURFACING PER SSPWC SECTION 203-1.
14. INSTALL HOSE BIB PER PLUMBING PLAN.
15. CONSTRUCT 6" SDR 35 PVC PIPE PER GRAVITY PIPE TRENCH DETAIL "H" ON SHEET C102. INSTALL ALL FITTINGS, ELBOWS, AND TEES NECESSARY TO CONSTRUCT STORM DRAIN SYSTEM AS SHOW.
16. CONSTRUCT 12"X12" PRECAST CONCRETE CATCH BASIN WITH PEDESTRIAN RATED ADA GRATE PER DETAIL "I" ON SHEET C102.
17. CONSTRUCT DRINKING FOUNTAIN PER ARCHITECTS PLANS.
18. CONSTRUCT DRINKING FOUNTAIN WIND GUARDS PER ARCHITECTS' PLANS.
19. CONSTRUCT 0" CONCRETE CURB AT PERIMETER OF DECOMPOSED GRANITE SURFACE WHERE NOT ADJACENT TO HARDSCAPE PER DETAIL "F" ON SHEET C102.
20. INSTALL BICYCLE RACK PER ARCHITECTS PLANS.
21. INSTALL BICYCLE STORAGE UNIT PER ARCHITECTS' PLANS.
22. CONSTRUCT REDWOOD HEADER AT ASPHALT CONCRETE PERIMETER WHERE NOT ADJACENT TO HARDSCAPE PER DETAIL "G" ON SHEET C102.
23. REMOVE EXISTING CATCH BASIN AND CONNECT STORM DRAIN WITH APPROPRIATE FITTING.
24. INSTALL PAVERS PER LANDSCAPE ARCHITECTS' PLANS.
25. CONSTRUCT RETAINING CURB PER DETAIL "J" SHEET C102.
26. CONSTRUCT BLEACHERS PER MANUFACTURE PLANS.
27. CONSTRUCT 6" A-150 AC CURB PER SSPWC PLAN 112 MODIFIED TO MATCH EXISTING.
28. CONSTRUCT 6" CONCRETE CURB PER SSPWC PLAN 201.
29. INSTALL 4" ATRIUM DRAIN PER DETAIL "H" SHEET C102.
30. CONSTRUCT GRADED SWALE PER DETAIL "L" SHEET C102.
31. CONSTRUCT 1' WIDE 0.3' DEEP NOTCH IN CURB TO MATCH FLOW LINE.
32. CONSTRUCT TYPE 1 WALL PER DETAIL "N" SHEET C102.
33. INSTALL LIGHTING FEATURE PER ELECTRICAL PLANS.
34. INSTALL 6" PERFORATED PVC UNDERDRAIN.
35. CONSTRUCT AC PAVEMENT PER DETAIL "A" SHEET C102.
36. CONTRACTOR TO FILL SOIL AGAINST NEW WALKWAY WITH 3:1 SLOPE AS NEEDED.
37. CONSTRUCT SURFACE TRANSITION PER DETAIL "O" THIS SHEET.
38. CONSTRUCT 0" CONCRETE CURB AT PERIMETER OF THE PAVERS WHERE NOT ADJACENT TO HARDSCAPE PER DETAIL "F" ON SHEET C102.
39. CONSTRUCT VARIED HEIGHT CONCRETE CURB PER SSPWC PLAN 201.
40. INSTALL 1.5" TO 2" OF PEA GRAVEL TO MATCH EXISTING.
41. CONNECT 2" PIPE TO STORM DRAIN. CONTRACTOR TO INSTALL ALL FITTINGS, ELBOWS, AND TEES NECESSARY TO CONSTRUCT STORM DRAIN SYSTEM AS SHOW.



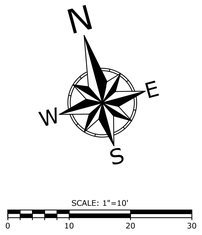
SECTION

HORIZONTAL 1"=5'
VERTICAL 1"=2'

A

EXISTING UTILITIES NOTE

EXACT SIZE, DEPTH AND LOCATION OF EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR TO FIELD VERIFY SIZE, DEPTH AND LOCATION OF ALL UTILITIES IN AND AROUND THE CONSTRUCTION AREA AND NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION.



N:\PROJECTS\0075\09 ZOO PRESENTATION ARENA\ENGINEERING\ACAD\IMPROVEMENTS\0075.09 GD

DIVISION OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124777 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 06/19/2025

MOORPARK COLLEGE

7075 CAMPUS RD
MOORPARK, CA 93021
TEL: (805) 378 - 1400

PROJECT TITLE AND SCHOOL LOCATION

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7075 CAMPUS RD.
MOORPARK, CA 93021

COMMISSIONED ARCHITECT

AMADOR

amador whittle architects, inc.
28328 AGOURA RD, 203 | AGOURA HILLS CA, 91301 | 805-558-4334

CONSULTANT

ECG
Encompass Consultant Group
333 N. LANTANA ST, SUITE 287, CAMARILLO, CA 93010
PHONE: 805.322.4443 WEBSITE: WWW.ECGCIVIL.COM

STAMPS/SEALS

REGISTERED PROFESSIONAL ENGINEER
GLEN H. PAGE
NO 61468
CIVIL
STATE OF CALIFORNIA

Project Status

ADDENDUM 1 - 01-29-2026

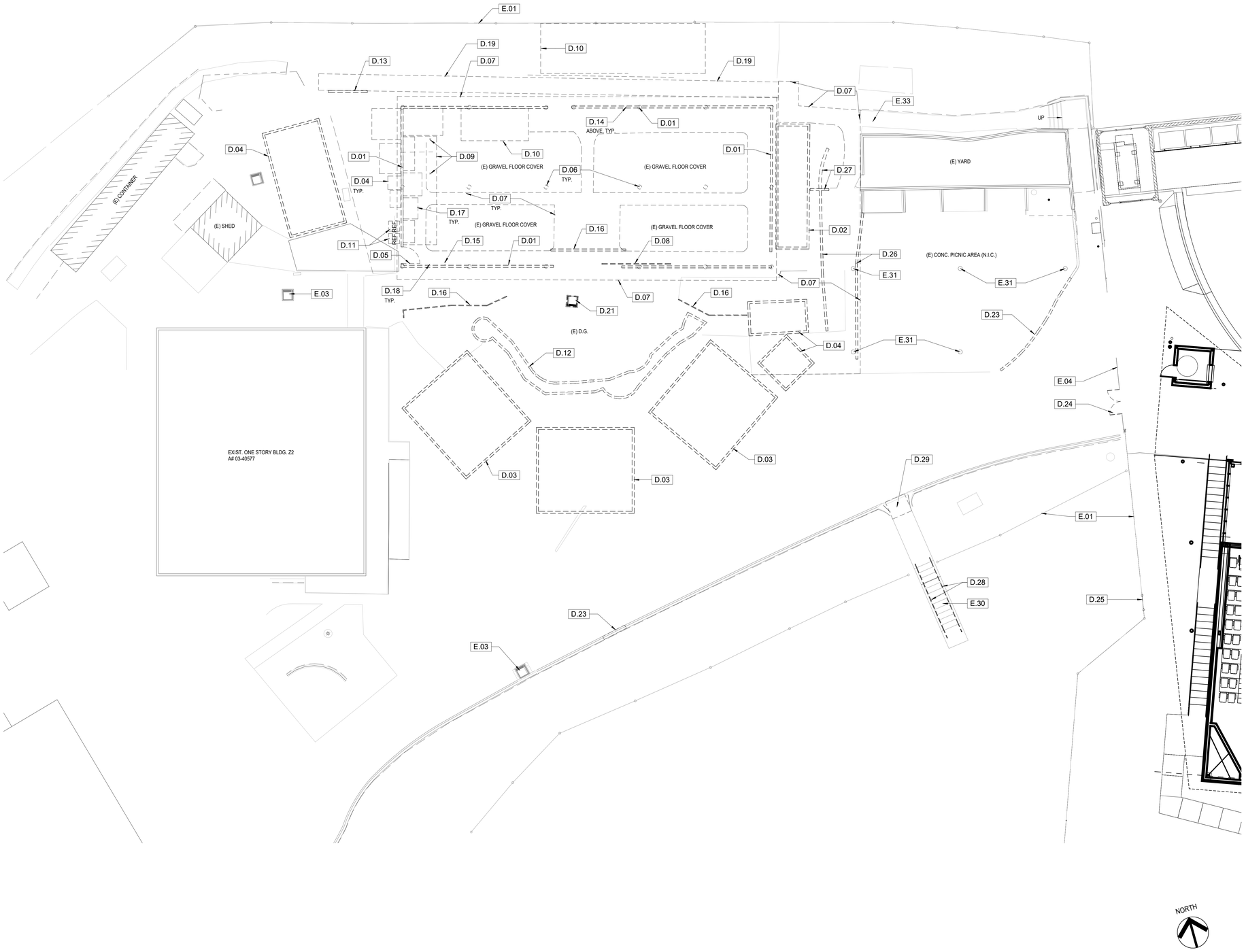
SHEET TITLE:

GRADING PLAN

PROJECT NO.: 21-MPC-040
PROJECT ARCH:
DRAWN:
CHECKED:
SHEET NUMBER:

C101

DATE: 03/10/2025
SHEET: ___ OF ___



DEMOLITION SITE PLAN | 1" = 10'-0" | 1

KEYNOTES

D.01	DEMOLISH (E) WOOD BOARDS & SLAT SIDING, COLUMNS, BEAMS & WD. SLAT ROOFING
D.02	REMOVE (E) CONTAINER
D.03	DEMOLISH (E) TENT STRUCTURE, POSTS & BLEACHERS
D.04	DEMOLISH (E) SHED
D.05	DEMOLISH (E) WOOD GATE
D.06	DEMOLISH (E) WOOD POST
D.07	DEMOLISH (E) CONCRETE SIDEWALK
D.08	DEMOLISH (E) SLIDING WOOD GATE
D.09	DEMOLISH (E) WOOD POSTS, STRUCTURE AND CORRUGATED FIBERGLASS COVER
D.10	DEMOLISH (E) PEN
D.11	REMOVE AND SALVAGE (E) REFRIGERATOR
D.12	DEMOLISH (E) CONC. WATER FEATURE
D.13	DEMOLISH (E) STORAGE RACKS
D.14	DEMOLISH (E) LIGHT FIXTURES THROUGHOUT
D.15	DEMOLISH (E) HOSE BIB
D.16	DEMOLISH (E) WALL
D.17	DEMOLISH (E) ANIMAL ENCLOSURES
D.18	DEMOLISH (E) ELEC. CONDUITS
D.19	DEMOLISH (E) PAVERS
D.21	DEMOLISH (E) DRAINAGE GRATE, SEE CIVIL DWGS.
D.23	DEMOLISH PORTION OF (E) CONC. CURB
D.24	REMOVE (E) GATES AND REVERSE SWING TOWARDS PARKING LOT
D.25	DEMOLISH PORTION OF (E) CHAIN LINK FENCE TO INSTALL SIDEWALK
D.26	DEMOLISH (E) WOOD FENCE
D.27	DEMOLISH (E) CMU WALL
D.28	DEMOLISH (E) STL. RAILINGS
D.29	DEMOLISH PORTION OF (E) CONC. CURB AND SIDEWALK
E.01	(E) CHAIN LINK FENCE
E.03	(E) CATCH BASIN
E.04	(E) STEEL FENCE AND GATES
E.30	(E) CONC. STAIR
E.31	(E) WOOD POST
E.33	(E) CONC. SIDEWALK

DEMOLITION NOTES:

1. ALL EXISTING FURNITURE, FIXTURES AND EQUIPMENT SHALL BE REMOVED AND STORED AS REQUIRED TO ACCOMODATE THE NEW IMPROVEMENTS. COORDINATE REMOVAL WITH THE VCCC PROJECT MANAGER.
2. EXECUTE ALL DEMOLITION REQUIRED FOR COMPLETION OF THE WORK. CONFORM WITH CBC/CFC CHAPTER 33 PROVISIONS.
3. REMOVE OR RELOCATE EXISTING POWER, TELECOM, DATA ETC. AS REQUIRED TO ACCOMODATE THE NEW IMPROVEMENTS - SEE ELECTRICAL DRAWINGS FOR SCOPE OF ELECTRICAL DEMOLITION WORK.
4. SEE MECHANICAL PLANS FOR SCOPE OF MECHANICAL DEMOLITION WORK.
5. REMOVE EXISTING FLOOR AND WALL FINISHES. PATCH AS REQUIRED TO ACCOMMODATE NEW IMPROVEMENTS.
6. REMOVE EXISTING SPRAY APPLIED FIREPROOFING AT ALL BEAMS.
7. CAREFULLY REMOVE EXISTING EXAM ROOM ACCESSORIES (SHARPS DISPENSER, PAPER TOWEL DISPENSERS, ETC.) AND REINSTALL IN NEW EXAM ROOMS.

ADDENDUM 1 - PROVIDE AND MAINTAIN SCREENING FABRIC ON TEMPORARY FENCING FACING THE MAIN ACCESS ROAD. NOTE THAT THIS IS A HIGH WIND AREA.

DEMOLITION LEGEND

- EXISTING CONSTRUCTION
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING MORTAR SETTING BED TO BE DEMOLISHED
- EXISTING CONC. CURB TO BE DEMOLISHED
- AREA OF EXISTING 5/8" DEPRESSED SLAB
- EXISTING VINYL ASBESTOS TO BE DEMOLISHED

HAZARDOUS MATERIALS NOTES

1. THIS PROJECT INCLUDES THE REMOVAL AND DISPOSAL OF HAZARDOUS MATERIALS INCLUDING, BUT NOT LIMITED TO, ASBESTOS AND LEAD BASED PAINT. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF HAZARDOUS MATERIALS IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. A LISTING OF KNOWN HAZARDOUS MATERIALS AS WELL AS A WORK PLAN FOR ITS REMOVAL, PREPARED BY THE OWNER'S SEPARATE CONSULTANT, IS INCLUDED IN THE PROJECT MANUAL.
2. FIREPROOFING: CONTRACTOR IS RESPONSIBLE FOR REPLACING ALL FIREPROOFING REMOVED FROM THE PROJECT AS A HAZARDOUS MATERIAL WITH NEW FIREPROOFING TO ACHIEVE THE REQUIRED HOURLY RATINGS INDICATED IN REMODELED BUILDING CODE ANALYSIS ON SHEET G002.

IDENTIFICATION STAMP
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APP: 03-124777 INC:
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DATE: 06/19/2025

MOORPARK COLLEGE

7075 CAMPUS RD
MOORPARK, CA 93021
TEL: (805) 378 - 1400

PROJECT TITLE AND SCHOOL LOCATION

ANCT ZOO VISITOR BLEACHERS & ANIMAL SHELTER
7075 CAMPUS ROAD
MOORPARK, CA 91320

COMMISSIONED ARCHITECT

AMADOR

amador whittle architects, inc
28328 AGOURA RD, 203 | AGOURA HILLS CA, 91301 | 805-558-4334

CONSULTANT

STAMPS/SEALS

LICENSED ARCHITECT
LUCAS AMADOR
C 37401
12-31-2025
RENEWAL DATE
STATE OF CALIFORNIA

ADDENDUM 1 - 01-29-2026

SHEET TITLE:

DEMOLITION SITE PLAN

PROJECT NO: 21-MPC-040	PROJECT ARCH:
DRAWN: GW	CHECKED:

SHEET NUMBER:

A102

DATE: 6/19/25 | SHEET: ___ OF ___

CODE ANAYLYSIS:
OCCUPANCY TYPE: A-5
CONSTRUCTION TYPE: V-B
ALLOWABLE HEIGHT: 40' (TABLE 504.3)
ACTUAL HEIGHT: 24'
ALLOWABLE AREA: UL (TABLE 506.2)
ACTUAL AREA: 2,497 SF (INCLUDING ROOF OVERHANG)

BLEACHER CODE ANALYSIS PER 1CC 300 - 2017
420 OCCUPANT AT 18" PER OCCUPANT
TWO EXITS REQUIRED (ICC 300, 404.1)
AISLE WIDTH REQUIRED 420 X 0.080 = 33.6" (ICC 300, 404.5(3))
AISLE WIDTH PROVIDED = 144"
GATE WIDTH REQUIRED = 420 X 0.060 = 25.2" (ICC 300, 404.5(3))
GATE WIDTH PROVIDED = 126"

ENLARGED SITE PLAN | 1/8" = 1'-0" | 1

KEYNOTES

3.01	CONCRETE SIDEWALK. SEE CIVIL DWGS.
3.02	CONCRETE SLAB. SEE C101
3.03	CONCRETE PAVER CURB CUT W/ LESS THAN 5% SLOPE MAX.
3.05	CONCRETE PAVERS, SEE 1/L2.1
3.06	CONCRETE LANDING
3.07	CONCRETE CURB. SEE CIVIL DWGS.
3.08	6" W. CONCRETE EDGE FLUSH W/ DG. SEE F/C102
4.01	8" THK. CMU WALL W/ "STONE VENEER" ON (1) SIDE, SEE 6/S012
4.04	8" THK. x 6'-0" HIGH CMU WALL W/ "STONE VENEER" ON BOTH SIDES, SEE 6/S012
4.05	8" THK. CMU WALL, SEE 6/S012
5.02	6'-0" STEEL MESH FENCE, SEE 6, 7/A502
5.06	MTL. ROOF, SEE SHADE STRUCTURE MFR. DWGS.
5.08	DRINKING FOUNTAIN WING GUARDS, BOTH SIDES OF D.F.
5.09	PROVIDE STL. RAILINGS AT (E) STAIR
5.11	STEEL MESH FENCE TO UNDERSIDE OF BLEACHERS
6.01	DECORATIVE WOOD POST, SEE 9/A502
6.03	1'-6" DIA. WOOD SURROUND
6.04	FAUX STONE FINISH SHELVES, STEPS AND WALL FINISH
6.05	12" DIA. DECORATIVE HALF-ROUND WOOD POSTS ATTACHED TO CMU WALL
6.06	
8.04	3'-0" x 7'-0" CHAIN LINK GATE WITH PANIC HARDWARE & ALARM, SEE 9/A501
8.06	PAIR 8'-0" x 7'-0" STEEL MESH GATES WITH PANIC HARDWARE, SEE 14/A501
8.07	RE-USE AND REINSTALL (E) STEEL GATES TO SWING TOWARDS EXIT PATH; PROVIDE PANIC HARDWARE, SEE 14/A501
11.02	LARGE SCREEN EXTERIOR RATED MONITOR; OWNER FURNISHED/ OWNER INSTALLED
11.03	FLAT SCREEN EXTERIOR RATED MONITOR; OWNER FURNISHED/ OWNER INSTALLED
12.02	BLEACHERS BY BLEACHER MFR.
12.03	BICYCLE RACK W/ CROSS BAR, STANDARD BLACK PLASTISOL, IN GROUND MOUNT MODEL #12727
12.04	BICYCLE STORAGE UNIT; ECOPARK STANDARD MODEL, 2 DOOR, SANDSTONE, RAL 1018, T-HANDLE, KEYED
14.01	ACCESSIBLE LIFT TO CONTROL BOOTH (PART OF BLEACHER DEFERRED APPROVAL); SEE 2,3/A105 FOR ACCESSIBLE CLEARANCES
22.01	HOSE BIB. SEE P301
22.02	TRIPLE FREE STANDING DRINKING FOUNTAIN W/ HI-LO & BOTTLE FILLER
22.03	FILL & DRAIN VALVE, SEE PLUMB. DWGS.
22.04	WATER FEATURE DRAIN, SEE PLUMB. DWGS.
26.01	LIGHT STANDARD, SEE E301
26.02	IN GRADE UPLIGHTS, SEE E301
26.05	STEP LIGHT, SEE E301
26.07	ELEC. PANEL, SEE 1/E410
32.02	PLANTING AREA, SEE L2.1
32.03	WATER FEATURE. SEE 5/A502
32.04	BOULDER, SEE 2/L2.1
32.05	DECOMPOSED GRANITE (DG), SEE 2/L2.1
32.07	RESURFACE (E) FIRE LANE
32.08	PROVIDE A/C PAVING UNDER ENTIRE BLEACHER STRUCTURE, SEE C101
32.09	8" THK. CMU WALL, SEE N/C102
32.14	CONC. WALL AT BIORETENTION AREA, SEE J/C102
33.01	CATCH BASIN, SEE I/C102
33.02	YARD BOX
E.01	(E) CHAIN LINK FENCE
E.03	(E) CATCH BASIN
E.30	(E) CONC. STAIR
E.31	(E) WOOD POST
E.33	(E) CONC. SIDEWALK
E.39	(E) CONC. LANDING
E.40	(E) CONC. CURB
E.42	(E) ROLLING GATE- EMERGENCY ACCESS AND SERVICE VEHICLES

ADDENDUM 1 - KEYNOTES 5.02 AND 5.11 SHALL REFER TO ORNAMENTAL STEEL FENCING PER SPECIFICATION SECTION 32 31 19.

LEGEND

- ACCESSIBLE PATH OF TRAVEL LEADING TO THE PUBLIC WAY- SEE GENERAL NOTE #2
- EGRESS (NON ACCESSIBLE) PATH OF TRAVEL TO SAFE DISPERSAL AREA
- CONCRETE SIDEWALK
- DECOMPOSED GRANITE (DG) WITH STABILIZER
- TRUNCATED DOMES MAT, SEE 13/A501
- PLANTER, SEE LANDSCAPE DWGS.
- (E)FH (E) FIRE HYDRANT
- BLDG EXISTING BUILDINGS - NOT PART OF SCOPE OF WORK
- STRUCTURE AREA OF WORK
- ASPHALT PAVING
- CHAIN LINK FENCE
- WIRE MESH FENCE
- 27 BOULDER DIAMETER OF BOULDER
- LIGHT STANDARDS, SEE E301

NOTES

1. ALL ITEMS SHOWN ARE NEW UNLESS NOTED AS EXISTING.
2. PATH OF TRAVEL (P.O.T.) AND ACCESSIBLE ROUTE OF TRAVEL AS INDICATED IS A COMMON BARRIER FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. THE SURFACE SHALL BE SLIP RESISTANT, STABLE AND FIRM. PASSING SPACES AT LEAST 60" x 60" SHALL BE LOCATED NOT MORE THAN 200' APART. PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS SHALL HAVE 60" LEVEL AREAS CROSS-SLOPE GREATER THAN 5% RUNNING SLOPE IN THE DIRECTION OF TRAVEL. SLOPES GREATER THAN 5% TO A MAXIMUM OF 8.33% SHALL BE CONSIDERED AS A RAMP (2016 CBC 11B-405.2). THERE SHALL BE NO DROP-OFF OVER 4" ALONG THE EDGE OF WALK OR LANDING. PROVIDE 6" HIGH WARNING CURB IF HIGHER THAN 4". P.O.T. SHALL BE MAINTAINED FREE OF OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307.2). ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 11B-403.
3. DESIGN PROFESSIONAL IN GENERAL RESPOSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCE, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF CONSTRUCTION CHANGE DOCUMENT.
4. CMU SHALL BE ANGELUS BLOCK, COLOR: TAN

BICYCLE PARKING

STUDENTS:
REQUIRED: (4) 2 BIKE CAPACITY RACKS
PROVIDED: (4) 2 BIKE CAPACITY RACKS

STAFF:
REQUIRED: 2 BIKE COVERED ENCLOSURE
PROVIDED: 2 BIKE COVERED ENCLOSURE

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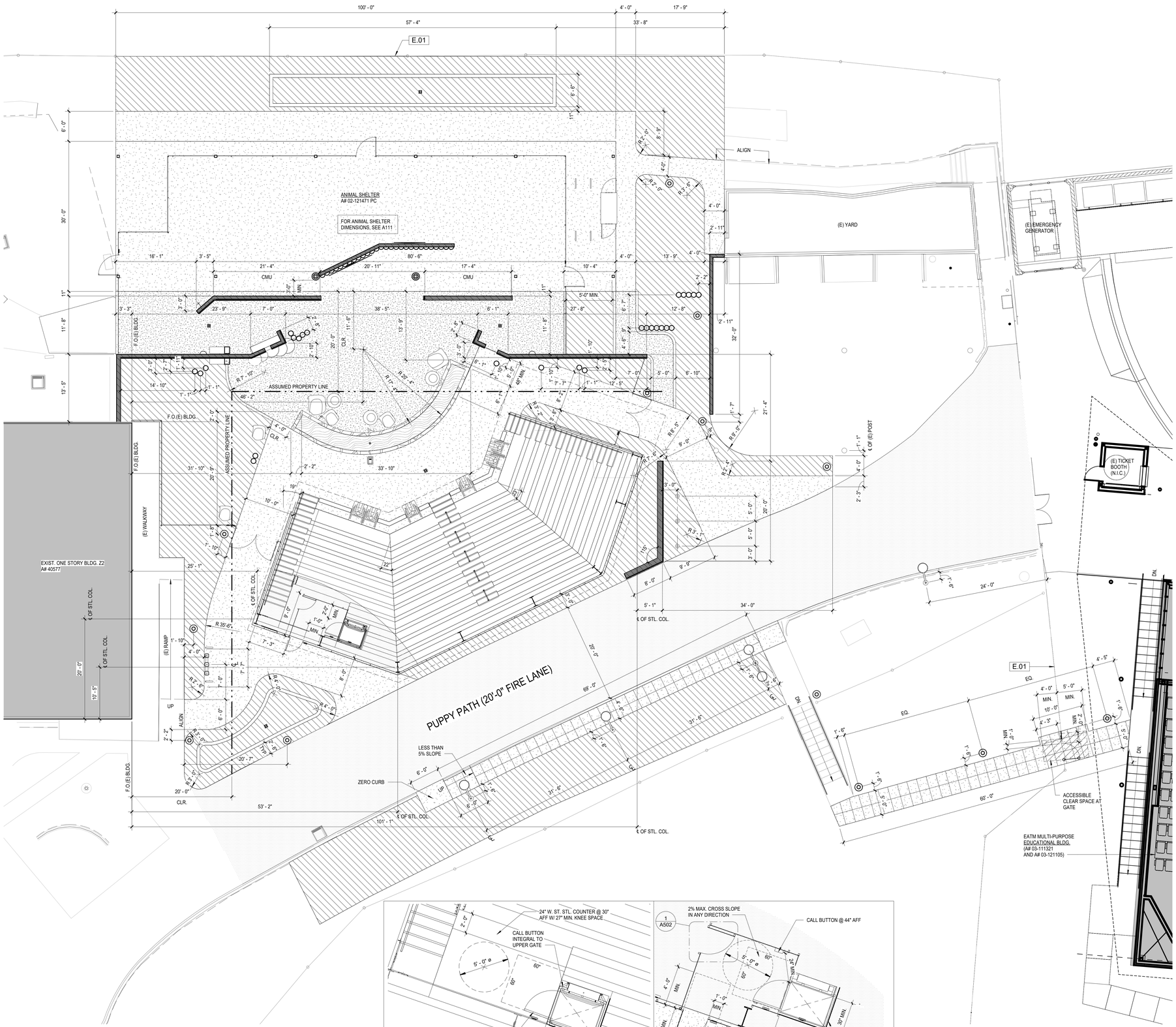
NICAS AMADOR
C 37401
12-31-2025
RENEWAL DATE
STATE OF CALIFORNIA

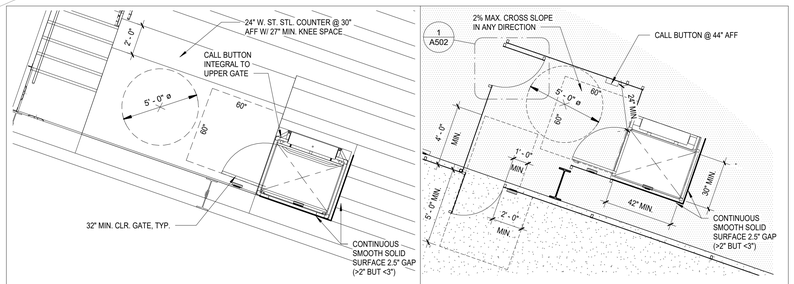
ADDENDUM 1 - 01-29-2026

SHEET TITLE:

ENLARGED SITE PLAN

PROJECT NO: 21-MPC-040	PROJECT ARCH:
DRAWN:	CHECKED:
SHEET NUMBER: A104	
DATE: 6/19/25	SHEET: ___ OF ___





UPPER LEVEL ACCESSIBLE PLATFORM PLAN | 1/4" = 1'-0" | 3

LOWER LEVEL ACCESSIBLE PLATFORM PLAN | 1/4" = 1'-0" | 2

ENLARGED SITE DIMENSION PLAN | 1/8" = 1'-0" | 1

KEYNOTES

E.01 (E) CHAIN LINK FENCE

LEGEND

- ACCESSIBLE PATH OF TRAVEL LEADING TO THE PUBLIC WAY- SEE GENERAL NOTE #2
- EGRESS (NON ACCESSIBLE) PATH OF TRAVEL TO SAFE DISPERSAL AREA
- CONCRETE SIDEWALK
- DECOMPOSED GRANITE (DG) WITH STABILIZER
- TRUNCATED DOMES MAT, SEE 13/A501
- PLANTER, SEE LANDSCAPE DWGS.
- (E)FH (E) FIRE HYDRANT
- BLDG EXISTING BUILDINGS - NOT PART OF SCOPE OF WORK
- STRUCTURE AREA OF WORK
- ASPHALT PAVING
- CHAIN LINK FENCE
- WIRE MESH FENCE
- 27 BOULDER DIAMETER OF BOULDER
- LIGHT STANDARDS, SEE E301

WHEELCHAIR LIFT NOTES

1. LOWER CALL BUTTON SHALL BE AT LEAST 24" FROM ANY MOVING PARTS.
2. CONFIRM THAT A 32" x 48" CLEAR FLOOR SPACE IS AVAILABLE AT EACH CALL BUTTON.
3. CONFIRM THAT BOTH THE UPPER AND LOWER GATES HAVE AN 18" PULL SIDE CLEARANCE.
4. CONFIRM THAT THERE IS A 60" x 60" MINIMUM CLEAR FLOOR SPACE AT BOTH THE LOWER AND UPPER LANDINGS.
5. IF ENCLOSURE WALLS ARE PROVIDED, CONFIRM THERE IS A MINIMUM OF 2" AND A MAXIMUM OF 3" CLEARANCE BETWEEN THE LIFT AND SIDE WALLS. IF CLEARANCE IS GREATER THAN 3", IT MUST BE GREATER THEN 12" - SIDE WALL CLEARANCE CANNOT BE BETWEEN 3" AND 12".
6. IF HOISTWAY ENCLOSURE WALLS ARE PROVIDED, CONFIRM THERE ARE NO OBSTRUCTIONS WITHIN 12" OF THE PLATFORM LIFT ENCLOSURE IN ANY POSITION ALONG ITS VERTICAL RISE; THAT PRESENT A PINCHING, SHEARING OR CRUSHING HAZARD.
7. CONFIRM THERE IS A MAXIMUM DISTANCE OF 2 1/2" BETWEEN THE LIFT AND END WALL (OPPOSITE OF LIFT LOWER ENTRANCE).
8. CONFIRM THAT THE LOWER CALL BUTTON IS NOT ATTACHED TO THE LIFT. IT MUST BE ATTACHED TO AN ADJACENT WALL, NO HIGHER THAN 47" AFF, MEASURED TO THE TOP OF THE SINGLE-GANG HANDY BOX.
9. CONFIRM THAT THE UPPER LEVEL LANDING GATE IS UNOBSTRUCTED AND HAS AN INTEGRAL CALL BUTTON.
10. CONFIRM PROPER OPERATION OF SELF-CLOSING GATES. OPENING FORCE SHALL NOT EXCEED 5 LBS. AND GATE LATCHES SECURELY.
11. CONFIRM THAT THE PASSENGER CONTROL STATION INSIDE THE PLATFORM LIFT DOES NOT REQUIRE A KEY FOR OPERATION BY THE PASSENGER.
12. CONFIRM THAT THE LIFT HAS EMERGENCY PIT SWITCH FOR USE BY MAINTENANCE PERSONNEL (ROCKER SWITCH ON THE UNDERSIDE OF PLATFORM, RIGHT HAND CORNER).
13. IDENTIFY THE TYPE OF EMERGENCY LOWERING DEVICE.
14. CONFIRM PLATFORM LIFT IS ANCHORED TO THE CONCRETE SLAB.
15. AT LOWER LANDING, ON ALL OPEN SIDES OF THE LIFT, PROVIDE A REFLECTIVE RED PAINTED 2" WIDE SAFETY LINE THREE INCHES AWAY FROM THE LIFT.
16. CONFIRM UPS (UNINTERRUPTED POWER SOURCE) BATTERY BACKUP FOR EMERGENCY POWER WAS SHIPPED WITH THE LIFT UNIT.
17. OBSTRUCTIONS OR SURFACES THAT PRESENT A PINCHING, SHEARING, OR CRUSHING HAZARD; EXTENDING FROM THE LOWER LANDING TO A MINIMUM HEIGHT OF 42" ABOVE THE UPPER LANDING, ARE NOT PERMITTED WITHIN 12" OF THE PLATFORM.
18. INSTALL A 12" x 12" x 6" DEEP NEMA 3R BOX WITH A HINGED DOOR AND CAT 6D LOCK IN THE VICINITY OF THE LIFT MANUALS AND LOG BOOK. THE FOLLOWING ITEMS SHALL BE STORED IN THE BOX:
    - A. CONTRACTOR LOG BOOK. LOG BOOK SHALL INCLUDE SERVICE, MAINTENANCE, REPAIRS AND INSPECTION VISITS.
    - B. INSTRUCTION AND SERVICE MANUALS.
    - C. HANDLES FOR THE MANUAL LOWERING DEVICE.
    - D. USB FLASH DRIVE OF RECORDED OPERATIONAL TRAINING.
19. CONFIRM THAT A CERTIFICATE FRAME HAS BEEN INSTALLED ON AN EXPOSED SIDE OF THE LIFT FOR THE PURPOSE OF POSTING THE STATE ISSUED OPERATING PERMIT.
20. ARRANGE FOR A TWO-HOUR INSTRUCTION PERIOD IN OPERATING THE EQUIPMENT CORRECTLY AND SAFELY. PROVIDE VIDEO RECORDING OF THE TRAINING. THE RECORDING SHALL BE PLACED ON A USB FLASH DRIVE. PROVIDE ONE USB DRIVE TO THE SCHOOL ADMINISTRATOR AND PROVIDE A SECOND. USB DRIVE IN THE LOG BOX.

ADDENDUM 1 - TO ESTABLISH A STANDARD OF QUALITY, WHEELCHAIR LIFT SHALL BE GARAVENTA, ASCENSION OR EQUAL. PROVIDE 3 YEAR WARRANTY.

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STATE OF CALIFORNIA

ADDENDUM 1 - 01-29-2026

SHEET TITLE:

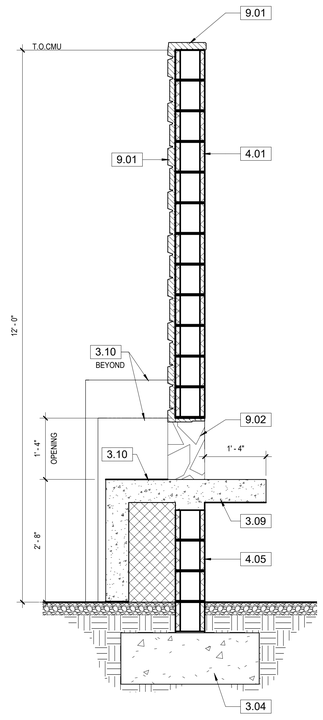
ENLARGED SITE DIMENSION PLAN

PROJECT NO: 21-MPC-040	PROJECT ARCH: Designer
DRAWN: Author	CHECKED: Checker

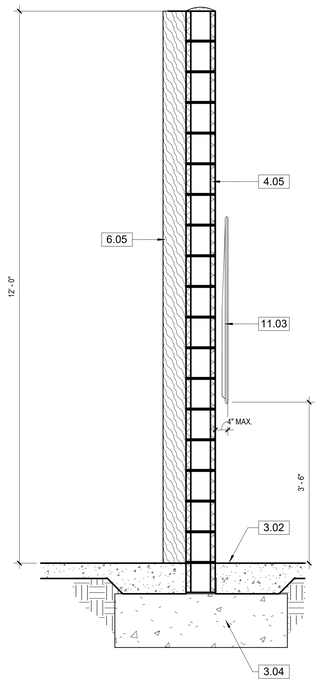
SHEET NUMBER:

A105

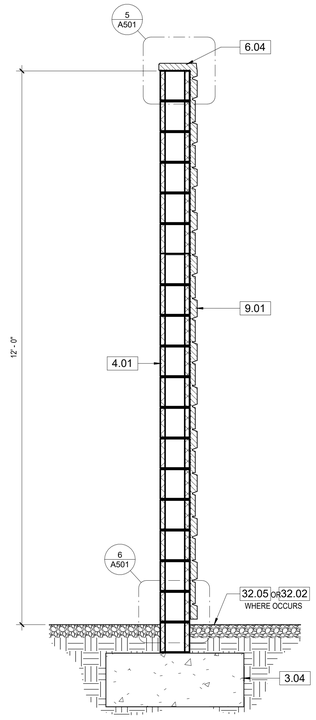
DATE: 6/19/25 | SHEET: ____ OF ____



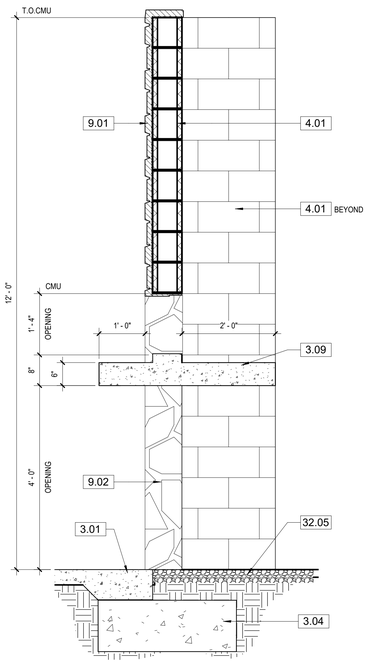
WALL SECTION THRU STAGE WALL | 3/4" = 1'-0" | 5



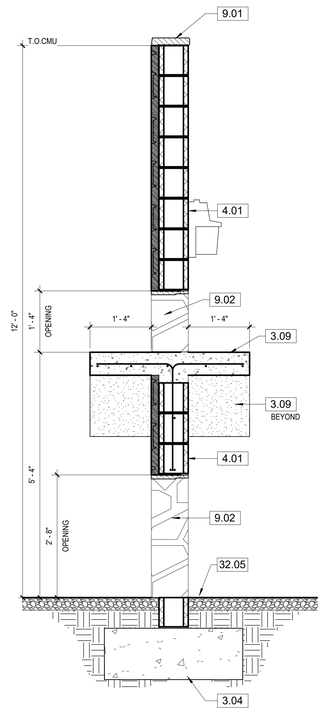
WALL SECTION THRU SCREEN WALL | 3/4" = 1'-0" | 3



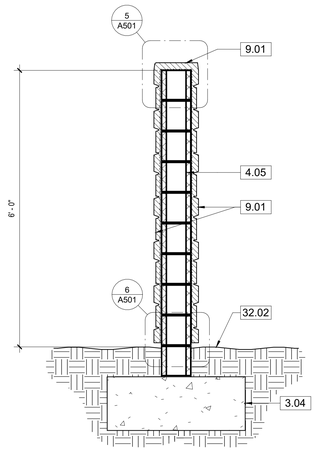
WALL SECTION | 3/4" = 1'-0" | 1



WALL SECTION THRU STAGE WALL | 3/4" = 1'-0" | 6



WALL SECTION THRU STAGE WALL | 3/4" = 1'-0" | 4



WALL SECTION THRU SIGN WALL | 3/4" = 1'-0" | 2

0 1/2" 1" 2"

KEYNOTES

3.01	CONCRETE SIDEWALK, SEE CIVIL DWGS.
3.02	CONCRETE SLAB, SEE C101
3.04	CONCRETE FOOTING, SEE 6/S012
3.09	CONCRETE LEDGE/ RAMP SYSTEM FOR ANIMALS
3.10	RADIUSED CONC. OVER FOAM FORM WITH FAUX WOOD FINISH
4.01	8" THK. CMU WALL W/ "STONE VENEER" ON (1) SIDE, SEE 6/S012
4.05	8" THK. CMU WALL, SEE 6/S012
6.04	FAUX STONE FINISH SHELVES, STEPS AND WALL FINISH
6.05	12" DIA. DECORATIVE HALF-ROUND WOOD POSTS ATTACHED TO CMU WALL
9.01	FAUX STONE FINISH PLASTER OVER MTL. LATH 0.75" MIN. TO 2.5" MAX.
9.02	WRAP STONE FINISH PLASTER AROUND END OF WALL
11.03	FLAT SCREEN EXTERIOR RATED MONITOR; OWNER FURNISHED/ OWNER INSTALLED
32.02	PLANTING AREA, SEE L2.1
32.05	DECOMPOSED GRANITE (DG), SEE 2/L2.1

ADDENDUM 1 - ALL CMU SHALL BE COLOR ANGELUS BLOCK SANDSTONE PRECISION OR EQUAL.

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ADDENDUM 1 - 01-29-2026

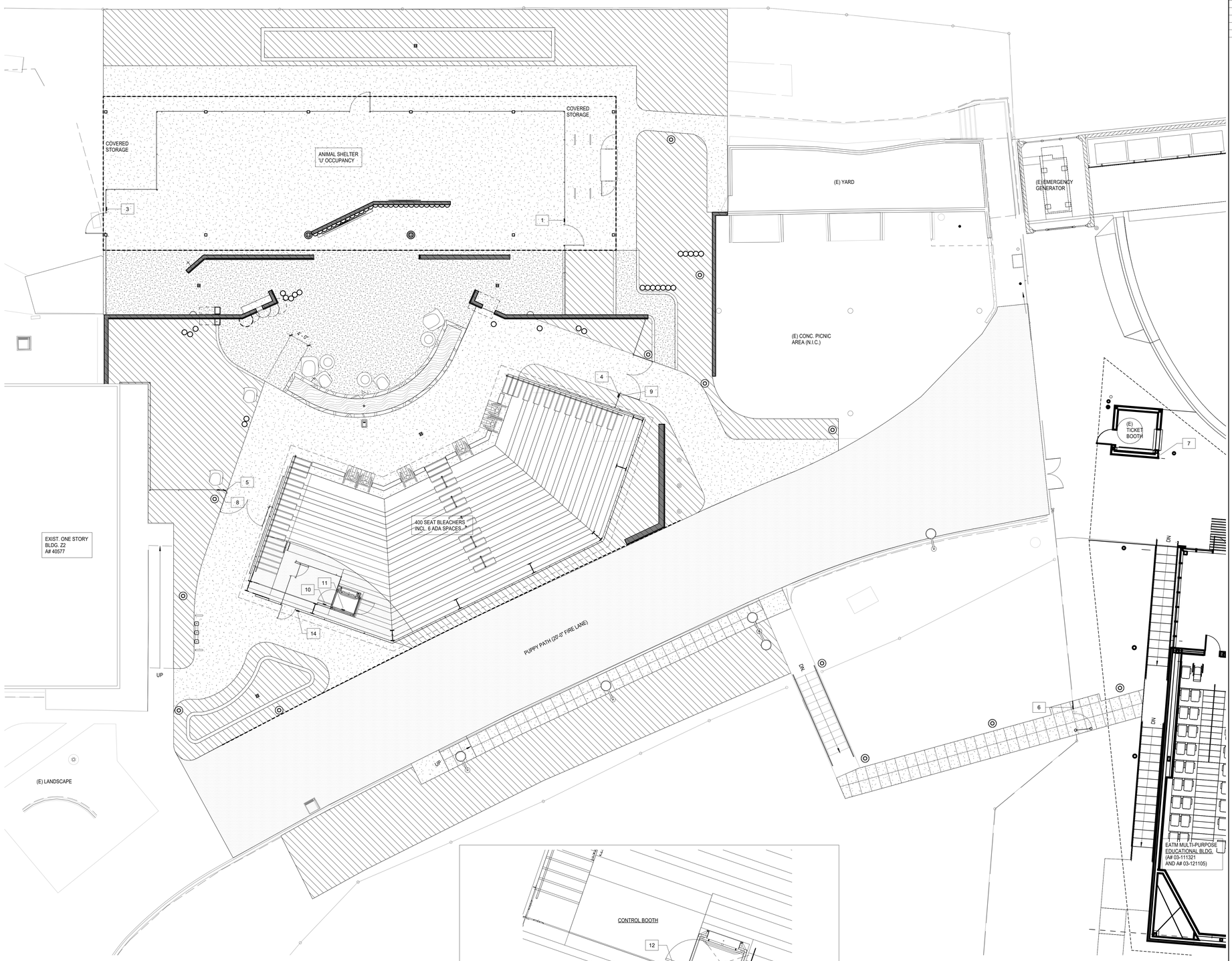
SHEET TITLE:

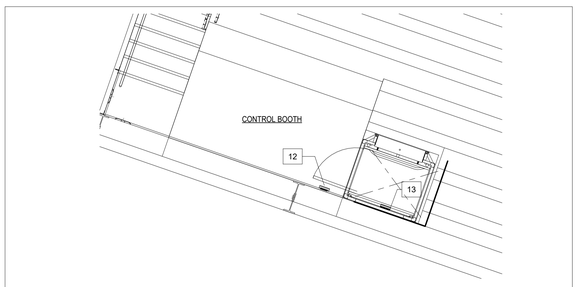
WALL SECTIONS

PROJECT NO: 21-MPC-040 | PROJECT ARCH: Designer
DRAWN: GW | CHECKED: Checker
SHEET NUMBER:

A302

DATE: 6/19/25 | SHEET: ____ OF ____





UPPER LEVEL ACCESSIBLE PLATFORM PLAN SIGNAGE | 1/4" = 1'-0" | 2

SIGNAGE PLAN | 1/8" = 1'-0" | 1

SIGNAGE SCHEDULE

SIGN NO.	SIGN - TEXT	DETAIL
1	EXIT	8,13/A802
3	EXIT	8,13/A802
4	EXIT	8,13/A802
5	EXIT	8,13/A802
6	EXIT	8,13/A802
7	ASSISTED LISTENING	14/A802
8	ASSISTED LISTENING	14/A802
9	ASSISTED LISTENING	14/A802
10	NO FREIGHT AT ACCESSIBLE LIFT	15/A802
11	NO FREIGHT AT ACCESSIBLE LIFT	15/A802
12	NO FREIGHT AT ACCESSIBLE LIFT	15/A802
13	NO FREIGHT AT ACCESSIBLE LIFT	15/A802
14	NO FREIGHT AT ACCESSIBLE LIFT	15/A802

IN ADDITION TO SIGNAGE LISTED HERE, PROVIDE SITE SIGNAGE PER ADDENDUM 1, "MOORPARK COLLEGE ZOO SIGNAGE", 23 PAGES

LEGEND

X — SIGN NUMBER

SIGN

NOTES

1. SEE SHEET A802 FOR SIGNAGE DETAILS INCLUDING CHARACTERS & BRAILLE SIGN DETAIL.
2. SEE GENERAL ACCESSIBILITY NOTES ON SHEET G002 FOR ADDITIONAL REQUIREMENTS.
3. SIGNS SHALL BE LOCATED ADJACENT TO EXIT ACCESS DOORS UNLESS NOTED OTHERWISE.
4. WHEN SIGNS ARE USED TO IDENTIFY PERMANENT ROOMS AND SPACES OF BUILDINGS, BRAILLE MUST BE INCLUDED AS PART OF THAT SIGNAGE AS REQUIRED BY CBC 11B-216.2

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APP: 03-124777 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 06/19/2025

MOORPARK COLLEGE

7075 CAMPUS RD
MOORPARK, CA 93021
TEL: (805) 378 - 1400

PROJECT TITLE AND SCHOOL LOCATION

ANCT ZOO VISITOR BLEACHERS & ANIMAL SHELTER
7075 CAMPUS ROAD
MOORPARK, CA 91320

COMMISSIONED ARCHITECT

AMADOR

amador whittle architects, inc.
28328 AGOURA RD, 203 | AGOURA HILLS CA, 91301 | 805-558-4334

CONSULTANT

STAMPS/SEALS

LICENSED ARCHITECT
LUCAS AMADOR
C 37401
12-31-2025
RENEWAL DATE
STATE OF CALIFORNIA

ADDENDUM 1 - 01-29-2026

SHEET TITLE:

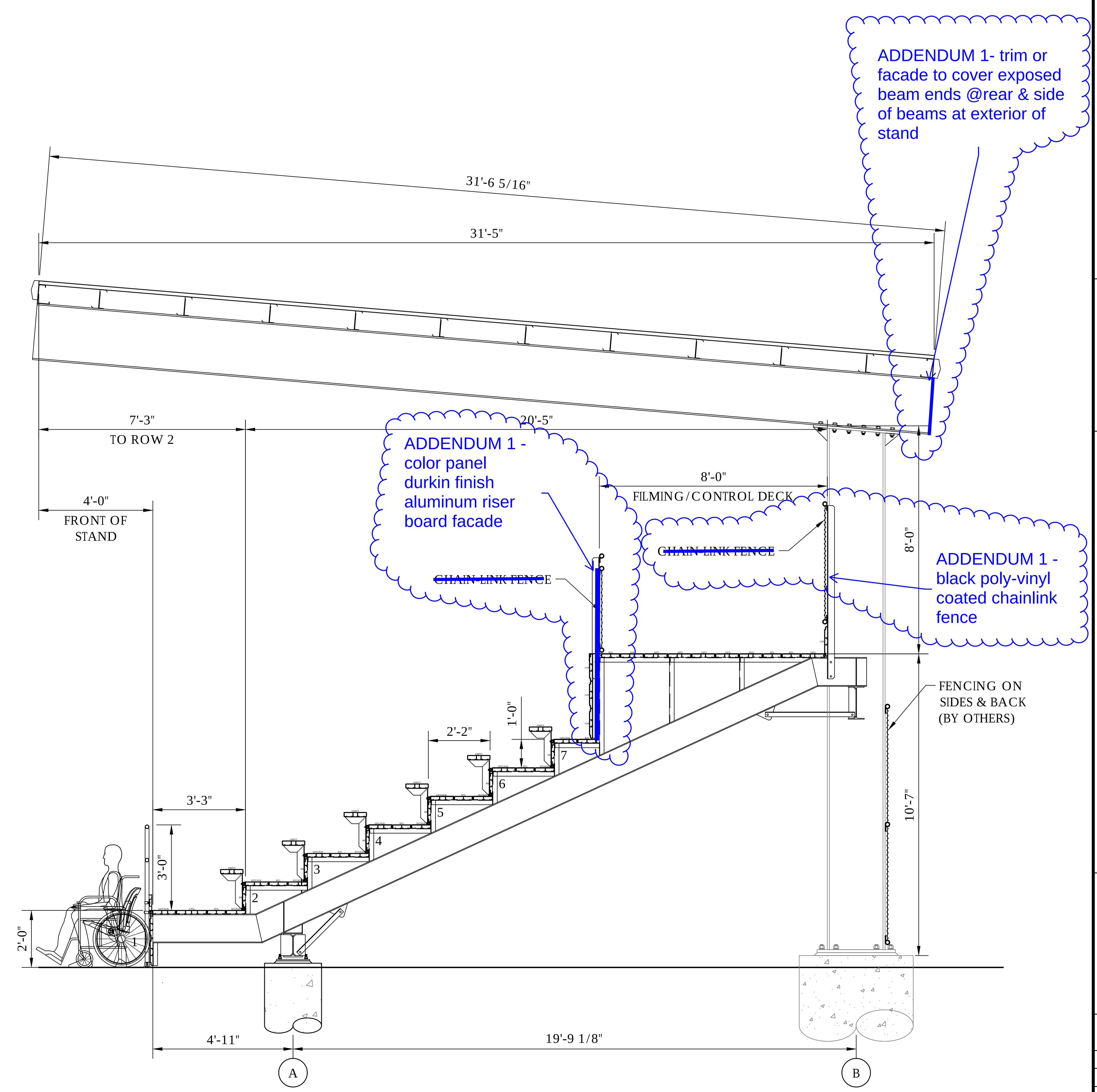
SIGNAGE PLAN & SCHEDULE

PROJECT NO: 21-MPC-040	PROJECT ARCH: Designer
DRAWN: Author	CHECKED: Checker

SHEET NUMBER:

A801

DATE: 6/19/25 | SHEET: ___ OF ___



SECTION VIEW

SCALE:3/8"=1'-0"

NOT FOR CONSTRUCTION

Southern® BLEACHER COMPANY
GRANDSTANDS • BLEACHERS • STADIUMS
PO Box One, Graham, Texas 76450
801 Fifth Street.
Phone: 940/549-0733 Fax: 940/549-1365
Established 1946

TYPE: SECTION VIEWS
12" RISE X 26" TREAD / 96' +/- (11 ROWS)

TITLE: MOORPARK COMMUNITY COLLEGE
ANCT BLEACHERS
MOORPARK, CALIFORNIA

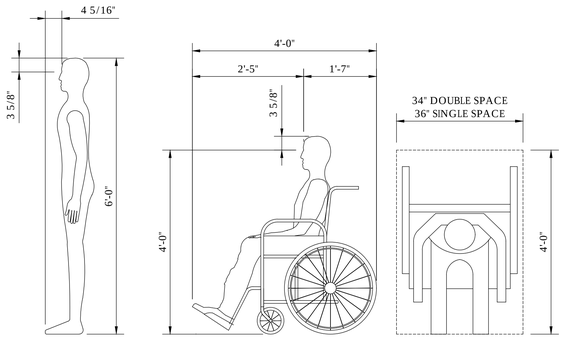
REV	BY	DATE	DESCRIPTION

DATE	DRAWN	CHECKED
03/19/2025	JOA	DMC

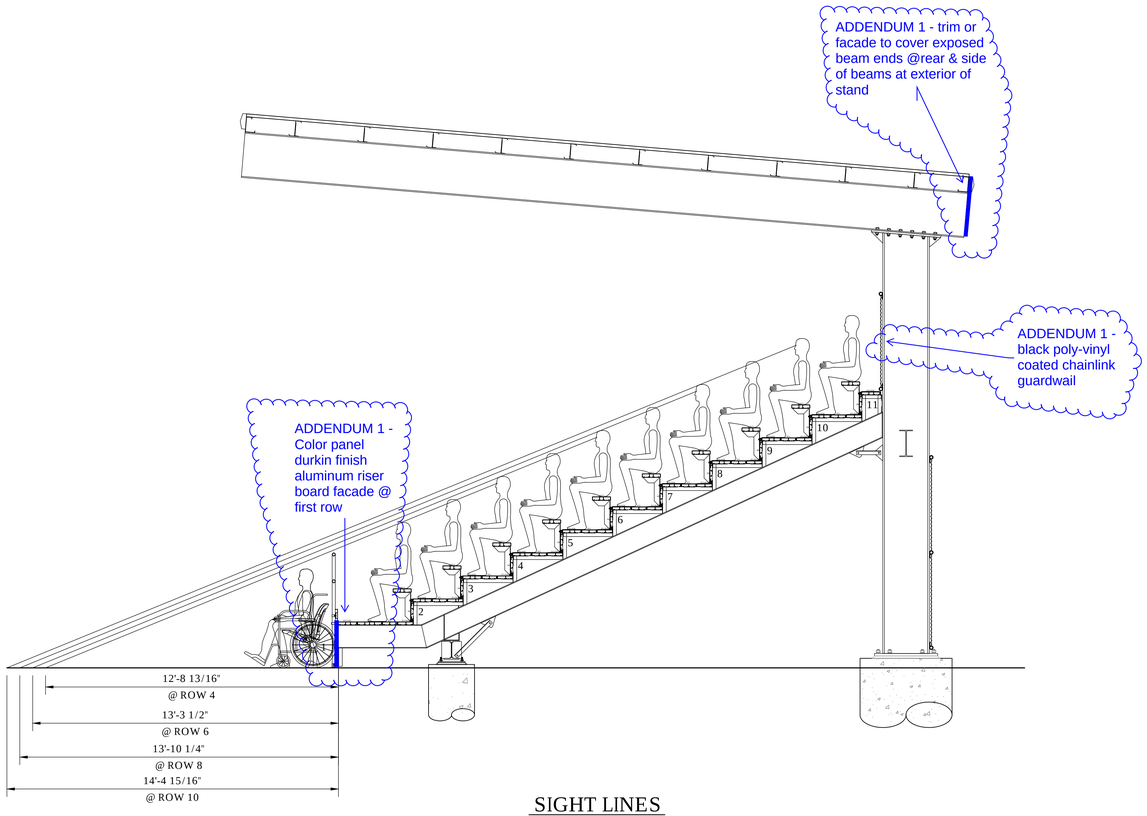
JOB NUMBER: #24SD050R3

SHEET	OF
B3	B5

22" X 34" (11x17 = 1/2 indicated scale)



SIGHT LINE PARAMETERS
SCALE: 3/4"=1'-0"



SIGHT LINES
SCALE:3/8"=1'-0"

NOT FOR CONSTRUCTION

Southern® BLEACHER COMPANY
GRANDSTANDS • BLEACHERS • STADIUMS
PO Box One, Graham, Texas 76450
801 Fifth Street
Phone: 940-549-0733 Fax: 940-549-1365
Established 1946

LICENSED ARCHITECT
THOMAS ARMSTRONG
C 37401
12-31-2025
RENEWAL DATE
STATE OF CALIFORNIA

NO	DESCRIPTION	DATE	BY
	SIGHT LINES		
	12" RISE X 26" TREAD / 96" +/- (11 ROWS)		

MOORPARK COMMUNITY COLLEGE
ANCT BLEACHERS
MOORPARK, CALIFORNIA

DATE	DRAWN	CHECKED
03/19/2025	JOA	DMC

JOB NUMBER
#24SD050R3

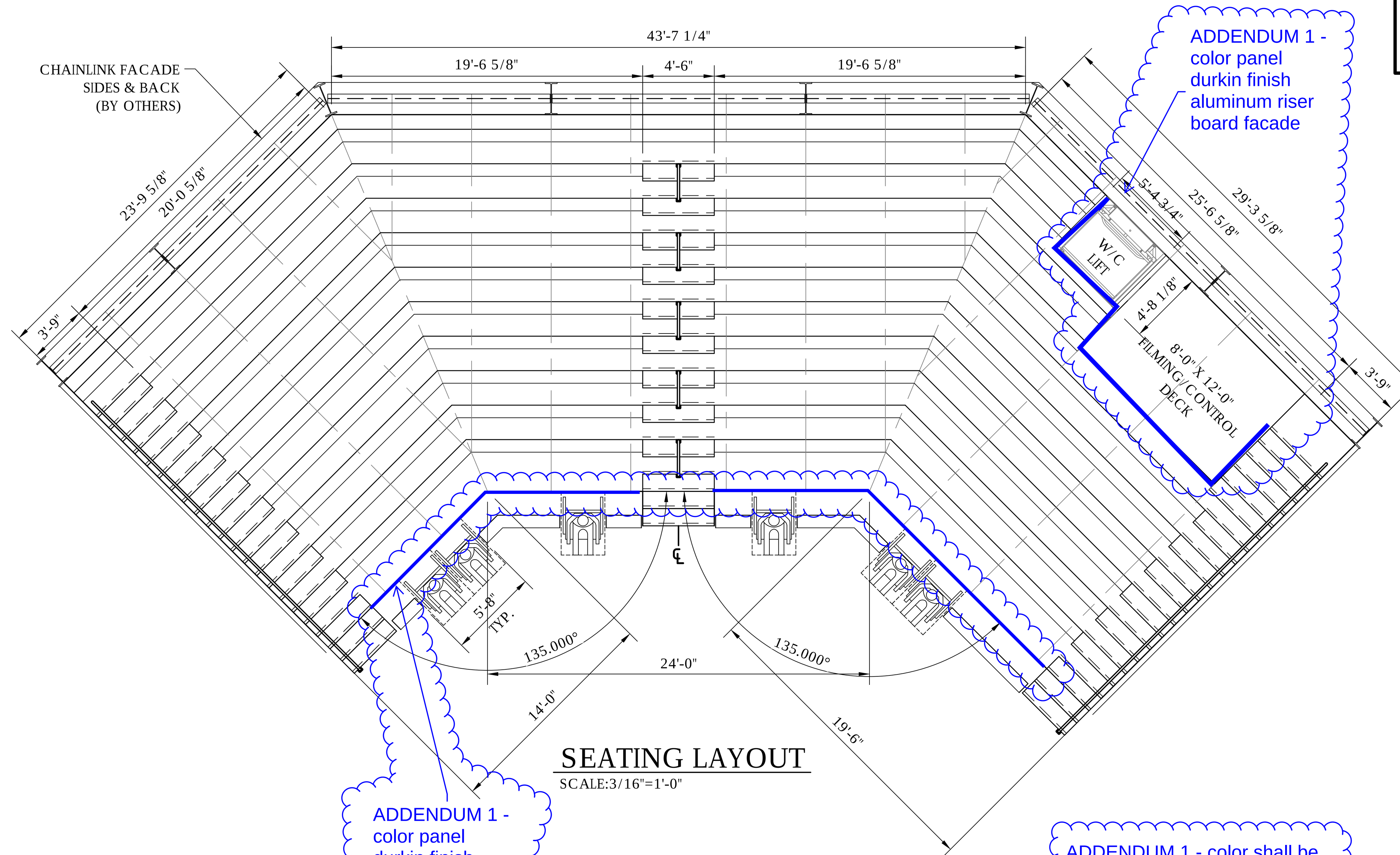
SHEET	OF
B4	B5

22" X 34" (11x17 = 1/2 indicated scale)

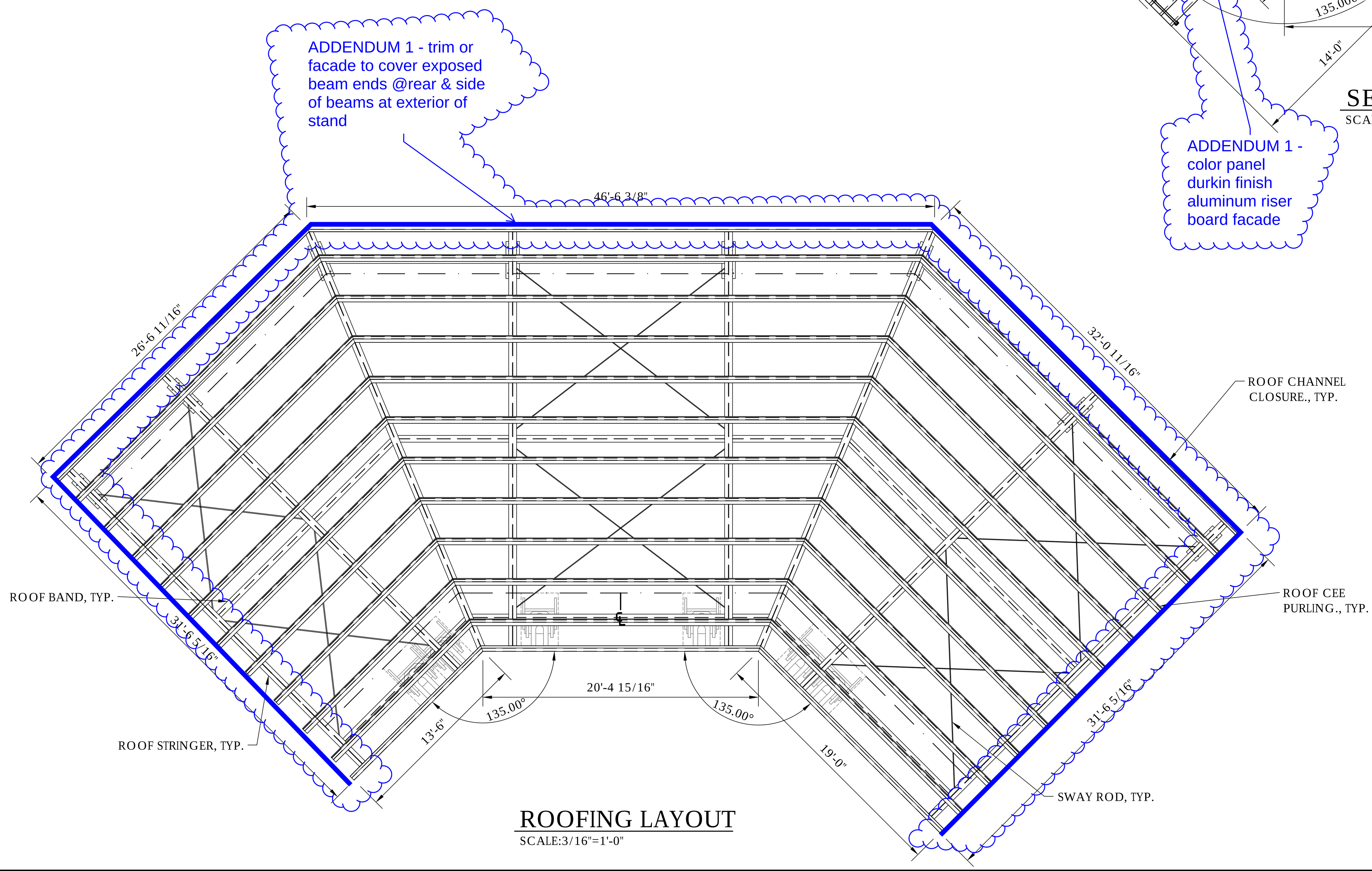
24SD050R3
ADDENDUM 1 - 01-29-2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124777 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 06/19/2025

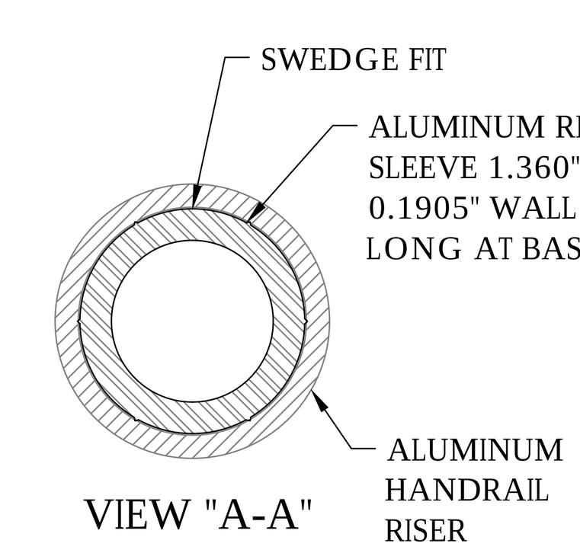
394 TOTAL NET 18" SEATS
6 TOTAL NET 33" WHEELCHAIR SPACES
400 TOTAL SEATING CAPACITY



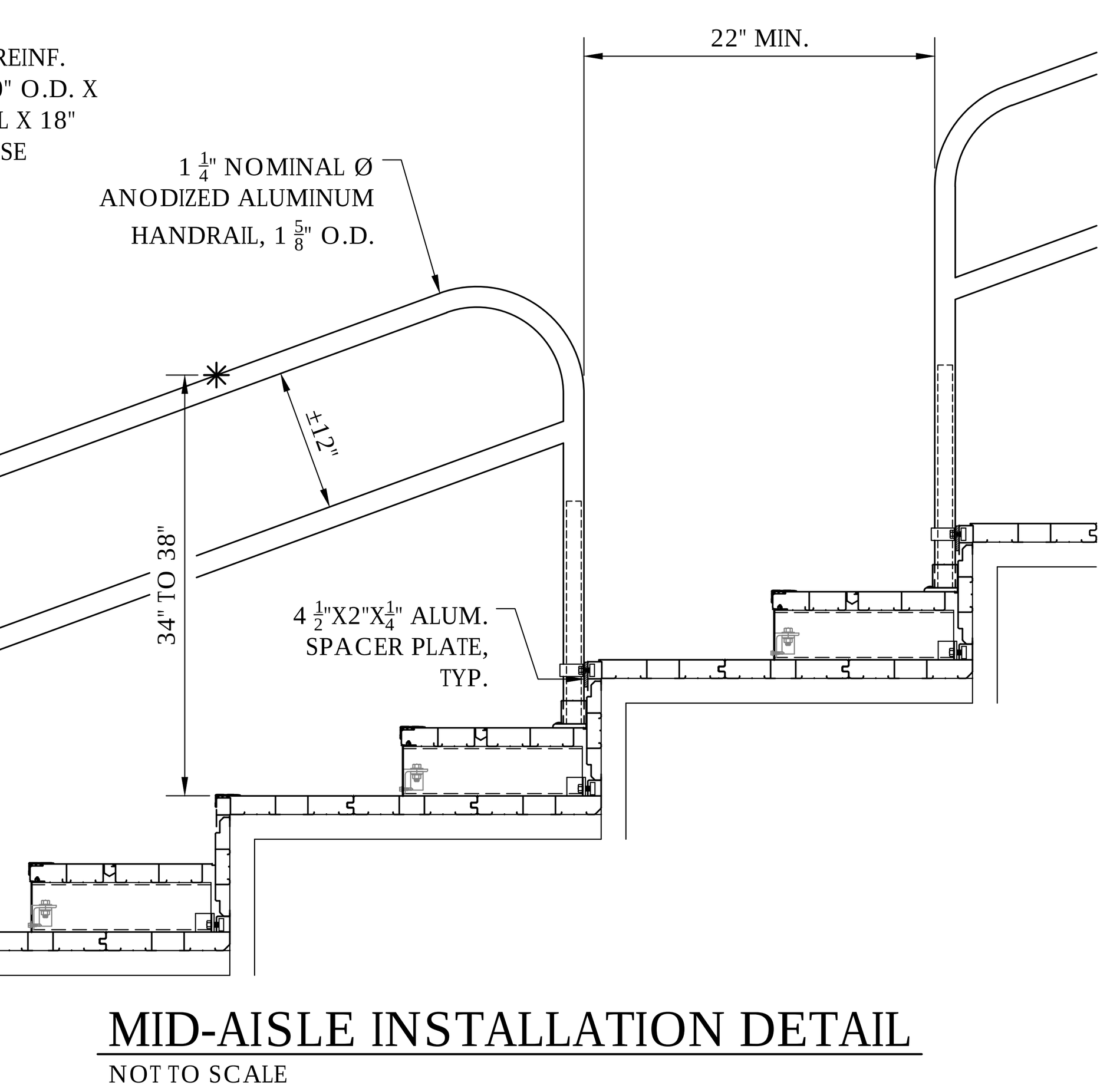
SEATING LAYOUT
SCALE:3/16"=1'-0"



ROOFING LAYOUT
SCALE:3/16"=1'-0"



VIEW "A-A"



MID-AISLE INSTALLATION DETAIL
NOT TO SCALE

NOT FOR CONSTRUCTION

Southern® BLEACHER COMPANY
GRANDSTANDS • BLEACHERS • STADIUMS
PO Box One, Graham, Texas 76450
801 Fifth Street,
Phone: 940/549-0733 Fax: 940/549-1365
Established 1946

LICENSED ARCHITECT C 37401 12-31-2025 RENEWAL DATE STATE OF CALIFORNIA

SEATING & ROOF LAYOUT
12' RISE X 26' TREAD / 96' +/- (11 ROWS)

MOORPARK COMMUNITY COLLEGE
ANCT BLEACHERS
MOORPARK, CALIFORNIA

REV	BY	DATE	DESCRIPTION

DATE	DRAWN	CHECKED
03/19/2025	JOA	DMC

JOB NUMBER #24SD050R3

SHEET B5 OF B5

22" X 34" (11x17 = 1/2 indicated scale)

24SD050R3
ADDENDUM 1 - 01-29-2026

00-0000

Moorpark College Zoo Signage

01.27.2026

Prepared for:
Moorpark College

Objectives

Sign to be modified/updated:

Includes removal of existing sign, surface patch & prep prior to installation

1. West Campus Monument ID
2. The Teaching Zoo Monument ID
3. Class of 2002 Sign Monument
4. ANCT Ground Mounted Sign*
5. ANCT Letters on Concrete Half Wall
6. ANCT Wall Mounted Letters*
7. Ticketing Office Signage
8. Vehicular Directional*

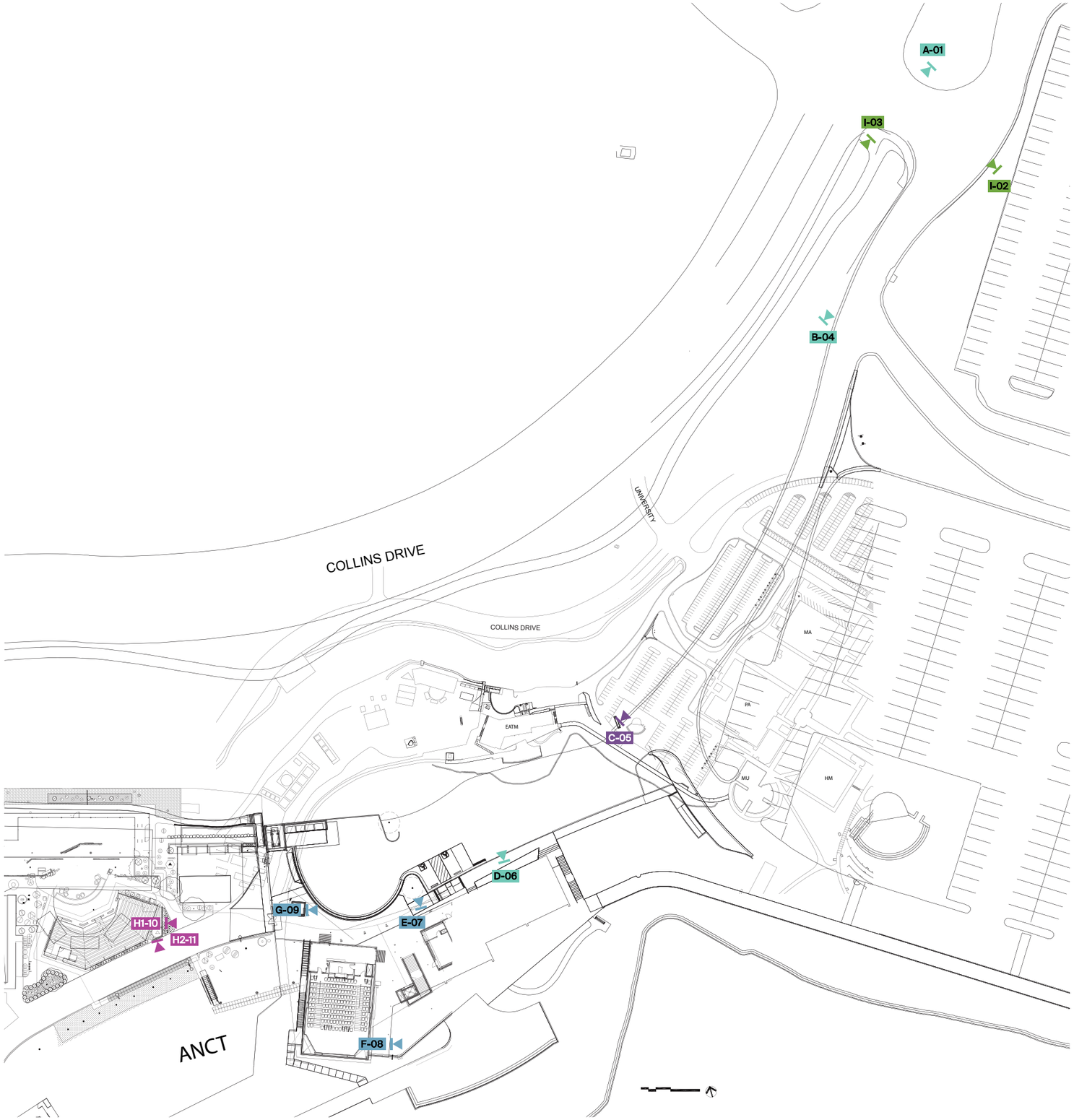
New Signs:

1. Animal Presentation Area ID
2. Donor Recognition Plaques

*one to one replacement

Sign Location Plan

- A. West Campus Monument ID
- B. Zoo Monument ID
- C. Class of 2002 Sign Monument
- D. ANCT Ground Mounted Sign
- E. ANCT Letters on Concrete Half Wall
- F. ANCT Wall Mounted Letters
- G. Ticketing Office
- H1. Animal Presentation Area
- H2. Donor Recognition
- I. Vehicular Directional



January 27, 2026

I. Vehicular Directional
Single Sided

Sign Location 2

Sign Location 3

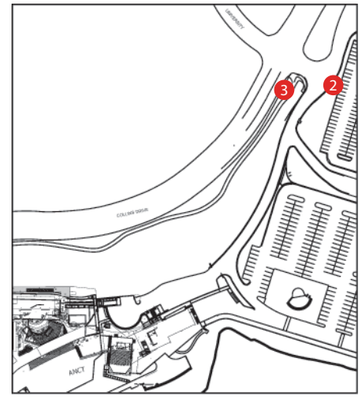
I. Vehicular Directional
Single Sided

Update messaging on existing sign.

No changes to sign proportions, layout, illumination effect, or brand appearance are intended.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.

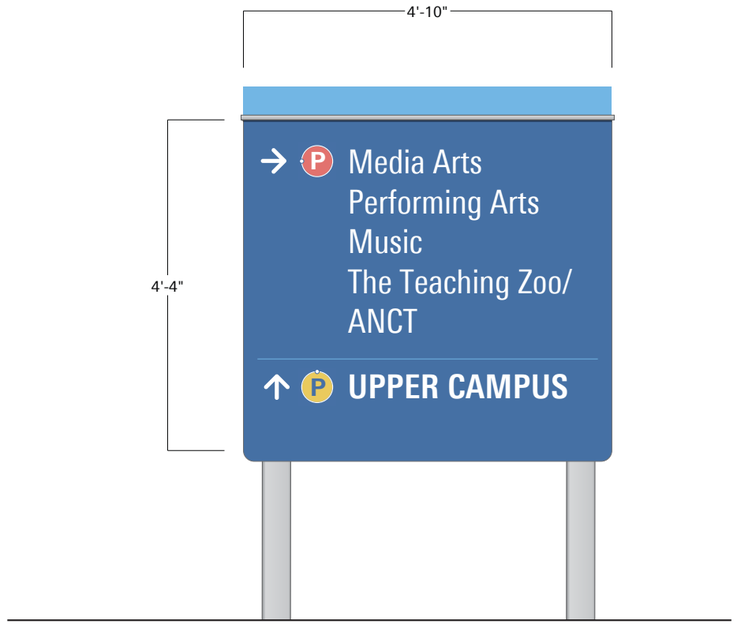


Location Plan

Replace existing 1/8” aluminum printed panel with new direct print full cover white 3m high intensity prismatic retro reflective vinyl series 3900 and a full cover uv protective overlaminate.

Sign Location 2

1 **ELEVATION**
SCALE: 1/2" = 1'-0"

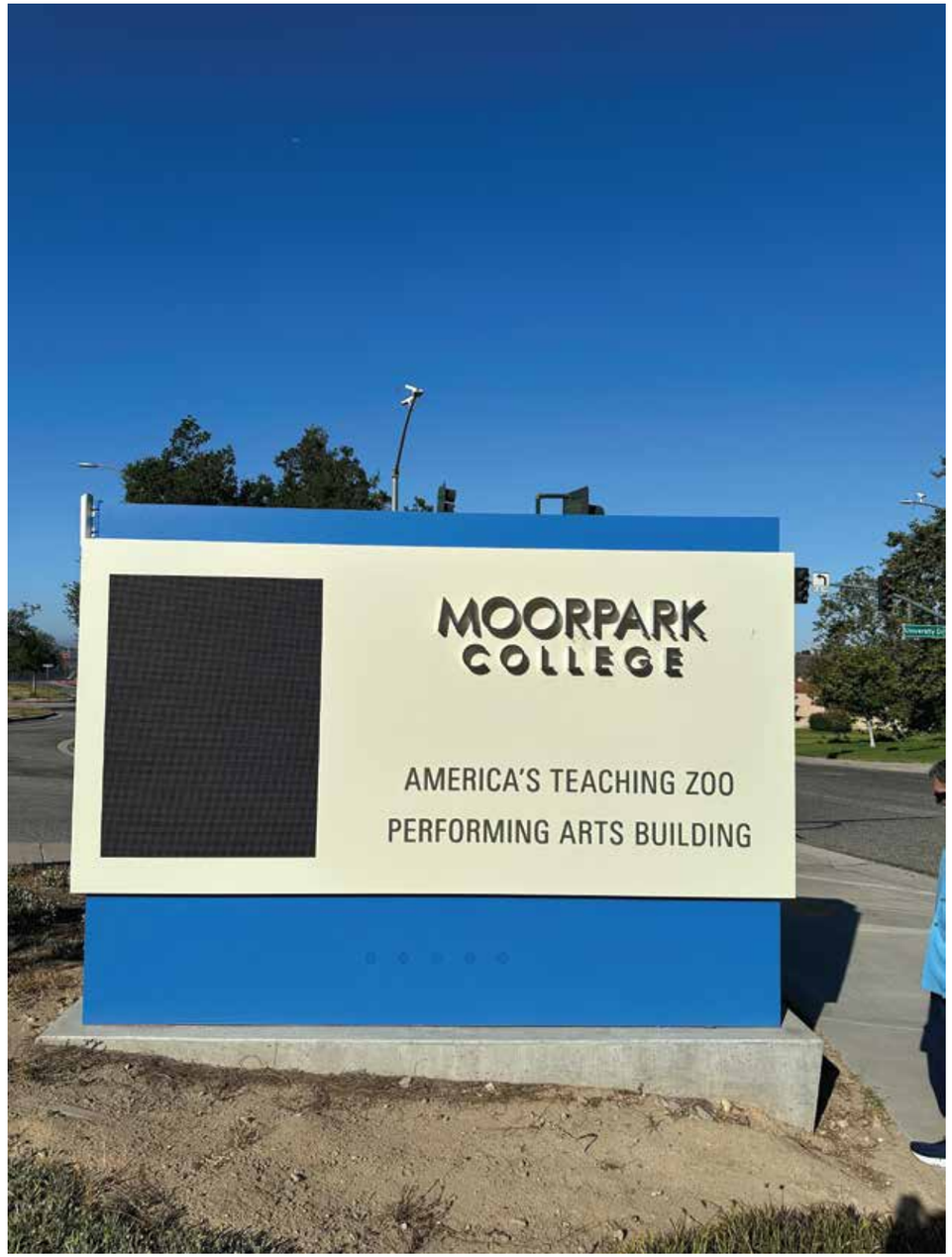


Sign Location 3

2 **ELEVATION**
SCALE: 1/2" = 1'-0"

January 27, 2026

A. West Campus Monument ID



January 27, 2026

A. West Campus Entry Monument ID
Double Sided

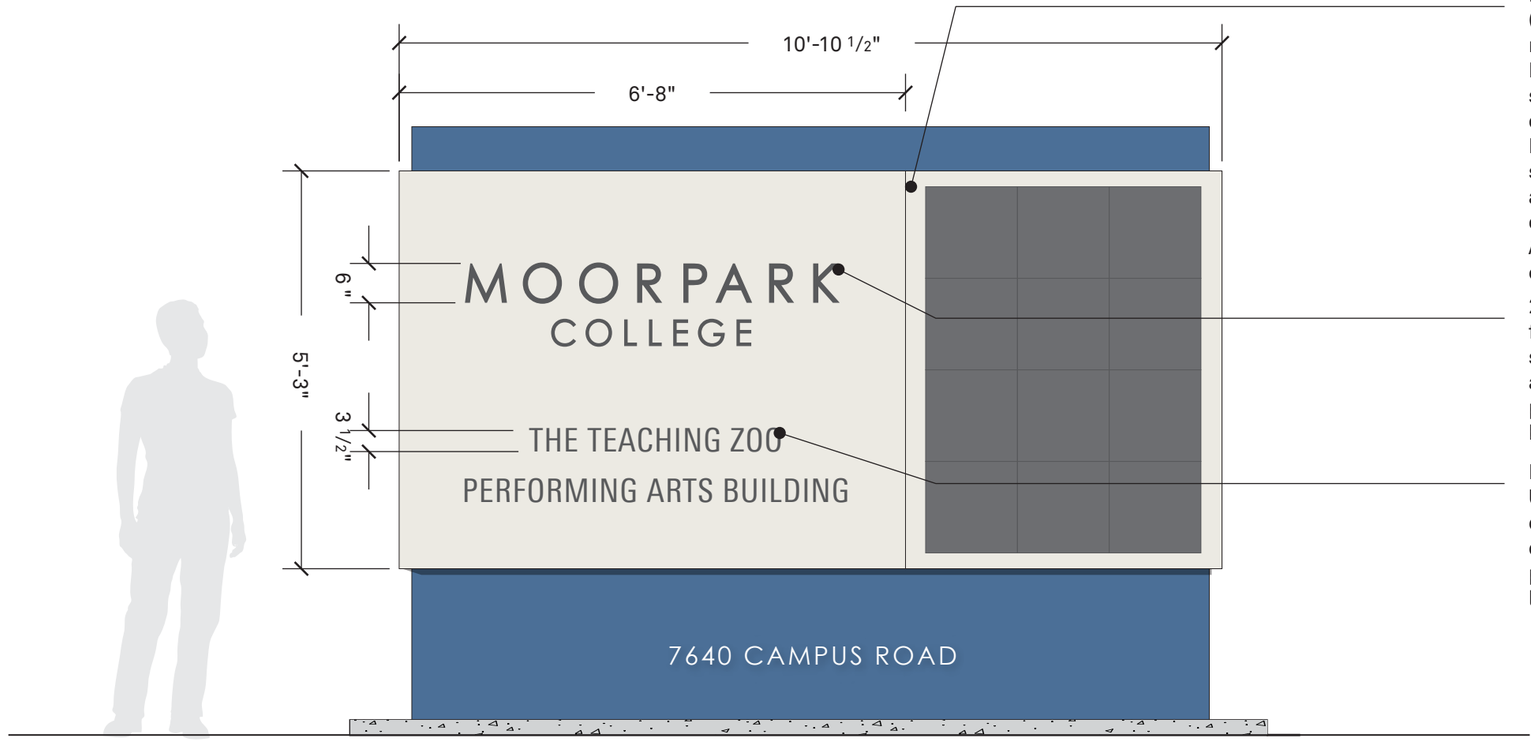
Replace existing aluminum face panels (double sided) plus the applied lettersets with visually equivalent assemblies paying special attention to:

- UV resistance
- Thermal stability
- Moisture intrusion protection
- Long-term colorfastness
- Serviceability

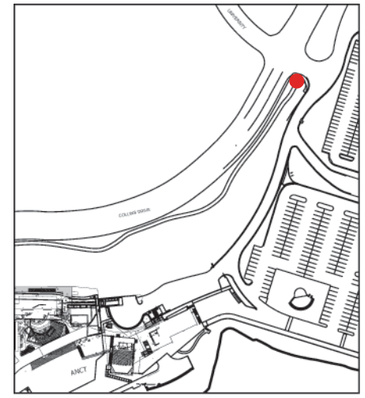
No changes to sign proportions, layout, illumination effect, or brand appearance are intended.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.



1 ELEVATION
SCALE: 1/2" = 1'-0"



Location Plan

Replace face panel with painted 3mm (1/8") solid aluminum composite material (ACM/no LDPE exposed edges). Match cassette-mounting to existing structure using available fastener holes or provide stable and durable adaptor. Isolate panel and fasteners from structure to prevent galvanic corrosion and thermal stress. Add anti-graffiti UV clear coat .
Accomodate and protect existing electronic equipment during install.

2" deep side-lit or halo-edge LED lit fabricated aluminium letters stud-mounted through face panel into aluminum or stainless steel backer plates. Isolation gaskets between letter backs and face panels

Rear illuminated CNC-routed letter with UV-stable polycarbonate backer and dark translucent gray or charcoal diffuser. Mechanically retained behind panel with full gasket to prevent light leaks.

January 27, 2026

B. Zoo Monument ID

January 27, 2026

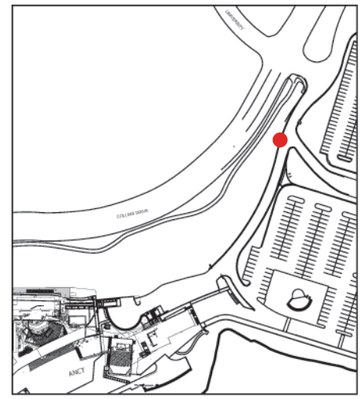
B. Zoo Monument ID
Double Sided

Replace existing aluminum face panels (double sided) plus the applied lettersets with visually equivalent assemblies paying special attention to:

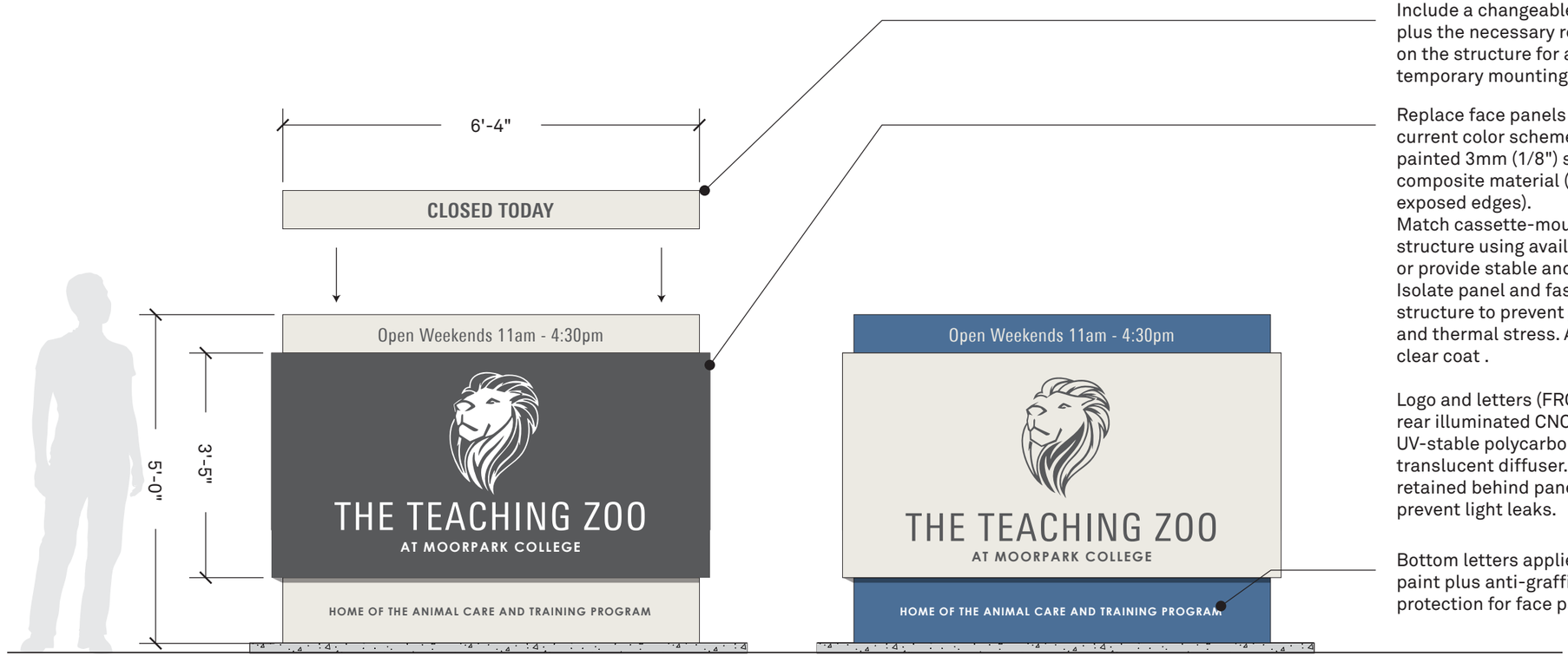
- UV resistance
- Thermal stability
- Moisture intrusion protection
- Long-term colorfastness
- Serviceability

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.



Location Plan



1 ELEVATION
SCALE: 1/2" = 1'-0"

2 ALTERNATE
SCALE: 1/2" = 1'-0"

Include a changeable insert as shown plus the necessary receiving channels on the structure for a secure but temporary mounting.

Replace face panels and change the current color scheme as shown with painted 3mm (1/8") solid aluminum composite material (ACM/no LDPE exposed edges).
Match cassette-mounting to existing structure using available fastener holes or provide stable and durable adaptor. Isolate panel and fasteners from structure to prevent galvanic corrosion and thermal stress. Add anti-graffiti UV clear coat .

Logo and letters (FRONT SIDE ONLY) are rear illuminated CNC-routed letter with UV-stable polycarbonate backer and translucent diffuser. Mechanically retained behind panel with full gasket to prevent light leaks.

Bottom letters applied with stencil and paint plus anti-graffiti UV clear coat protection for face panel.

January 27, 2026

C. Class of 2002 Sign Monument

January 27, 2026

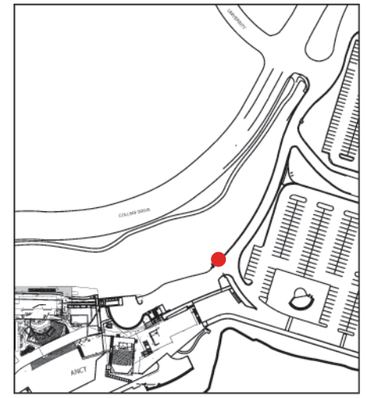
C. Class of 2002 Sign
Single Sided

Retrofit existing concrete monument with an inset panel as shown.

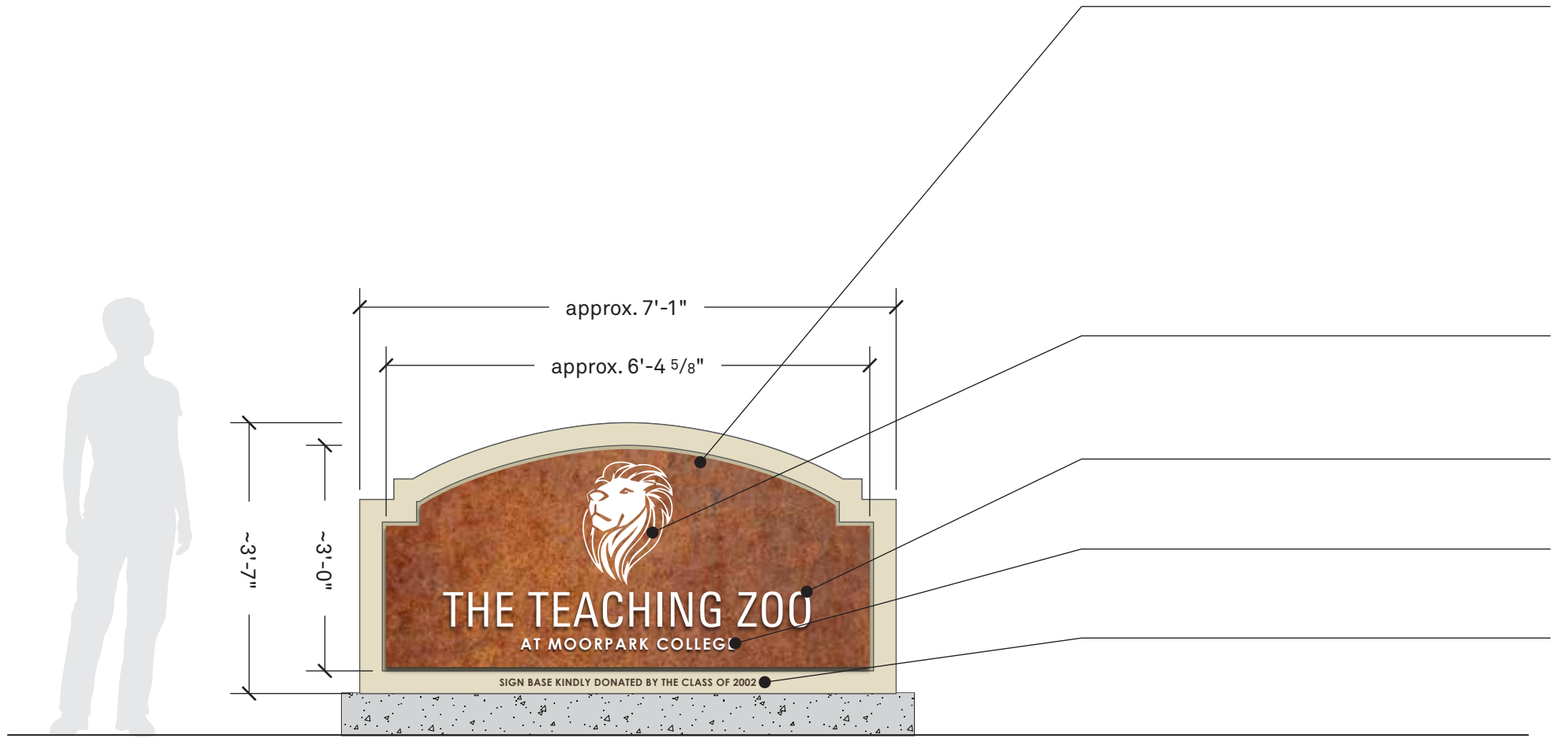
VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.

Reference



Location Plan



1 ELEVATION
NOT TO SCALE

Add Corten Steel face panel inset as shown. Provide approximately 1/2" reveal. Stud mount panel to a subframe structure for ease of future changeaout. Ensure that sign face is aligned to the front edge of the existing sign structure and the reveal is even throughout. Anchor with concealed fasteners as needed. Isolate panel and fasteners to prevent galvanic corrosion and thermal stress.

3/8" water jet cut metal. Painted and mounted mechanically to sign face. Add anti-graffiti UV clear coat .

6" tall fabricated letters. Painted and stud mounted to sign face.
Add anti-graffiti UV clear coat .

2" tall solid letters. Painted and stud mounted to sign face.
Add anti-graffiti UV clear coat.

1" tall solid letters. Painted and stud mounted to sign frame.
Add anti-graffiti UV clear coat .

January 27, 2026

D. ANCT Ground Mounted Sign

January 27, 2026

D. ANCT Ground Mounted Sign
Single Sided

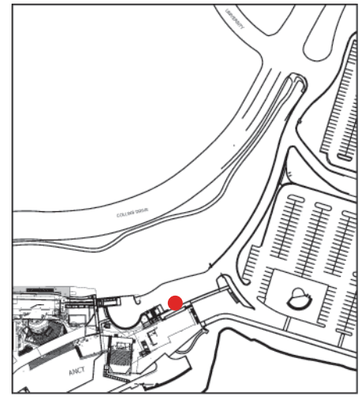
Replace existing aluminum face panel (single sided) plus the applied letterset with visually equivalent assemblies paying special attention to:

- UV resistance
- Thermal stability
- Moisture intrusion protection
- Long-term colorfastness
- Serviceability

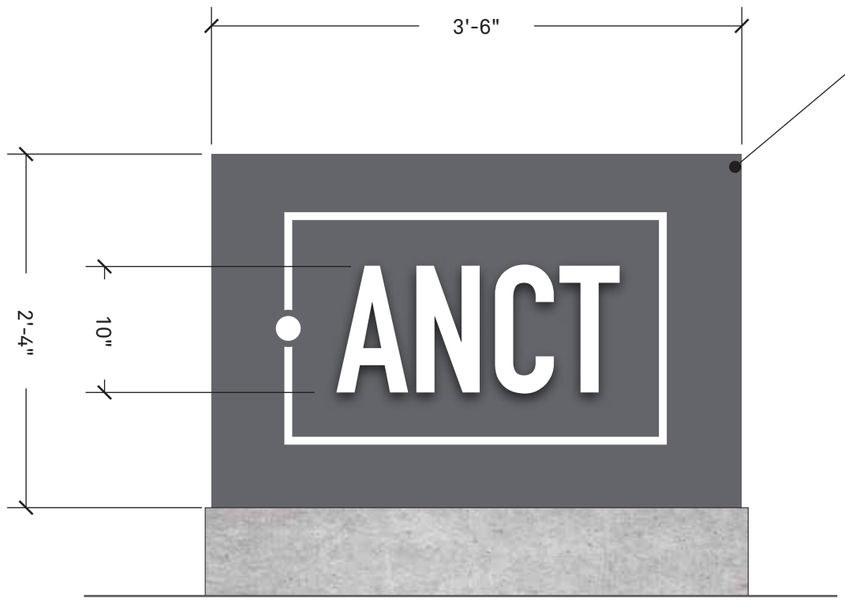
No changes to sign proportions, layout, illumination effect, or brand appearance are intended.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.

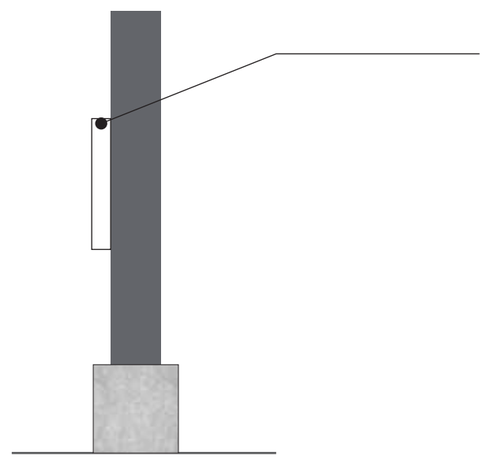


Location Plan



1 ELEVATION
SCALE: 1" = 1'-0"

Replace face panel with painted 3mm (1/8") solid aluminum composite material (ACM/no LDPE exposed edges). Match mounting to existing structure using available fastener holes or provide stable and durable adaptor. Isolate panel and fasteners from structure to prevent galvanic corrosion and thermal stress. Add anti-graffiti UV clear coat to all painted surfaces.



2 SIDE VIEW
SCALE: 1" = 1'-0"

1 1/2” deep fabricated letters stud mounted. All exposed surfaces to have painted satin finish and protective anti-graffiti uv clear coat.

January 27, 2026

E. ANCT Letters on Concrete Half Wall

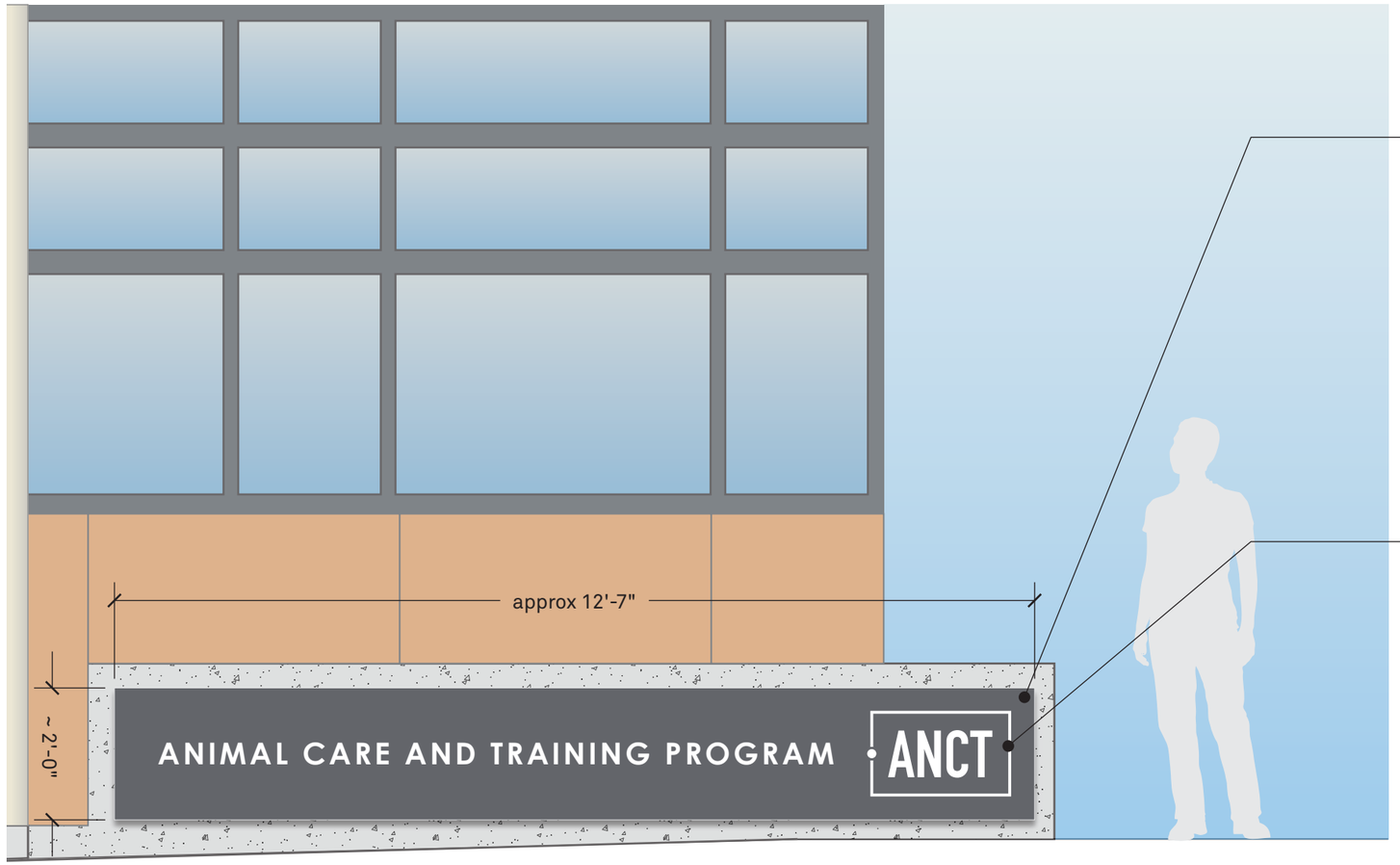
January 27, 2026

E. ANCT Letters
Single Sided

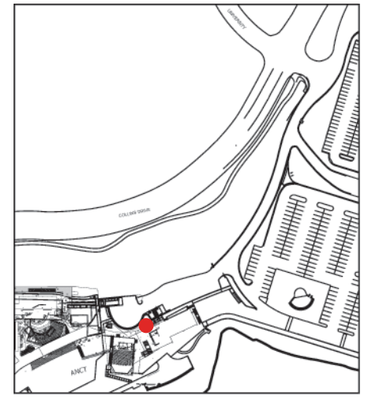
Replace existing letters over concrete bench wall with a fabricated graphic panel and a subframe mounting structure as shown.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.



1 ELEVATION
NOT TO SCALE



Location Plan

Non-illuminated fabricated aluminum wall box 1-1/2" deep stud mounted to a subframe structure for ease of future changeout. Internal stiffeners required to prevent oil-canning across long span. All seams continuously welded, ground smooth. Anchor with concealed fasteners as needed. Isolate panel and fasteners to prevent galvanic corrosion and thermal stress. Concealed weep slots at bottom return if needed. Painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

1/2" deep aluminum waterjet cut logo and letters, painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

January 27, 2026

F. ANCT Wall Mounted Letters

January 27, 2026

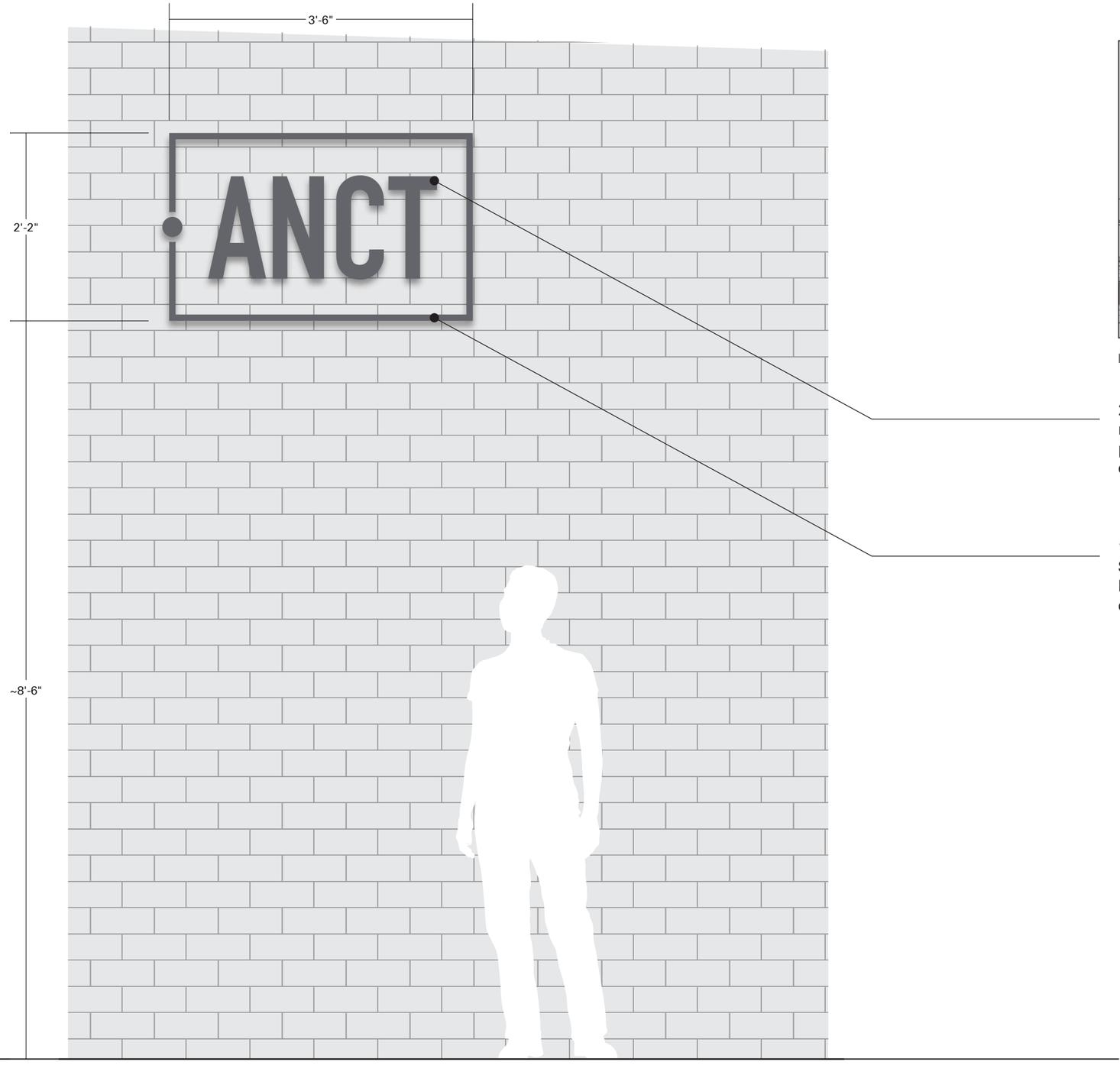
F. ANCT Wall Letters

Replace existing wall mounted sign with new dimensional letters.

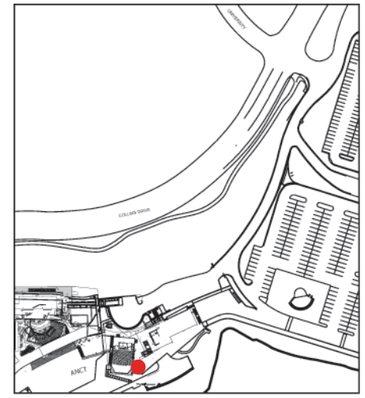
No changes to sign proportions, layout, illumination effect, or brand appearance are intended.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

All existing conditions, including but not limited to existing sign structures, foundations, wall construction, electrical connections wiring and equipment, finishes, attachment points, and concealed utilities, shall be verified in the field by the Sign Contractor prior to fabrication and retrofit. Contractor shall notify Architect of any conditions that may affect constructability, code compliance, or performance prior to proceeding.



1 ELEVATION
SCALE: 3/4" = 1'-0"



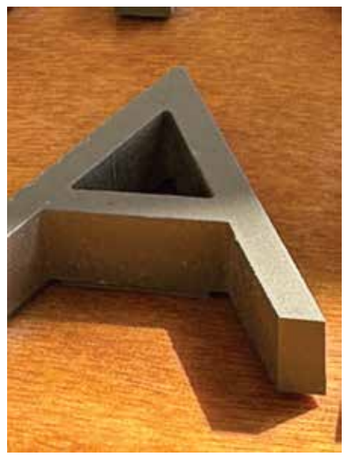
Location Plan

2 1/2” thick fabricated letters stud mounted. All exposed surfaces to have painted satin finish and protective clear coat.

1” thick fabricated square frame Stud mounted. All exposed surfaces to have painted satin finish and protective clear coat.

January 27, 2026

G. Ticketing Office



January 27, 2026

G. Ticketing Office

Replace existing letters over existing panels with dimensional letters on a rail.

VIF – VERIFY IN FIELD (EXISTING CONDITIONS)

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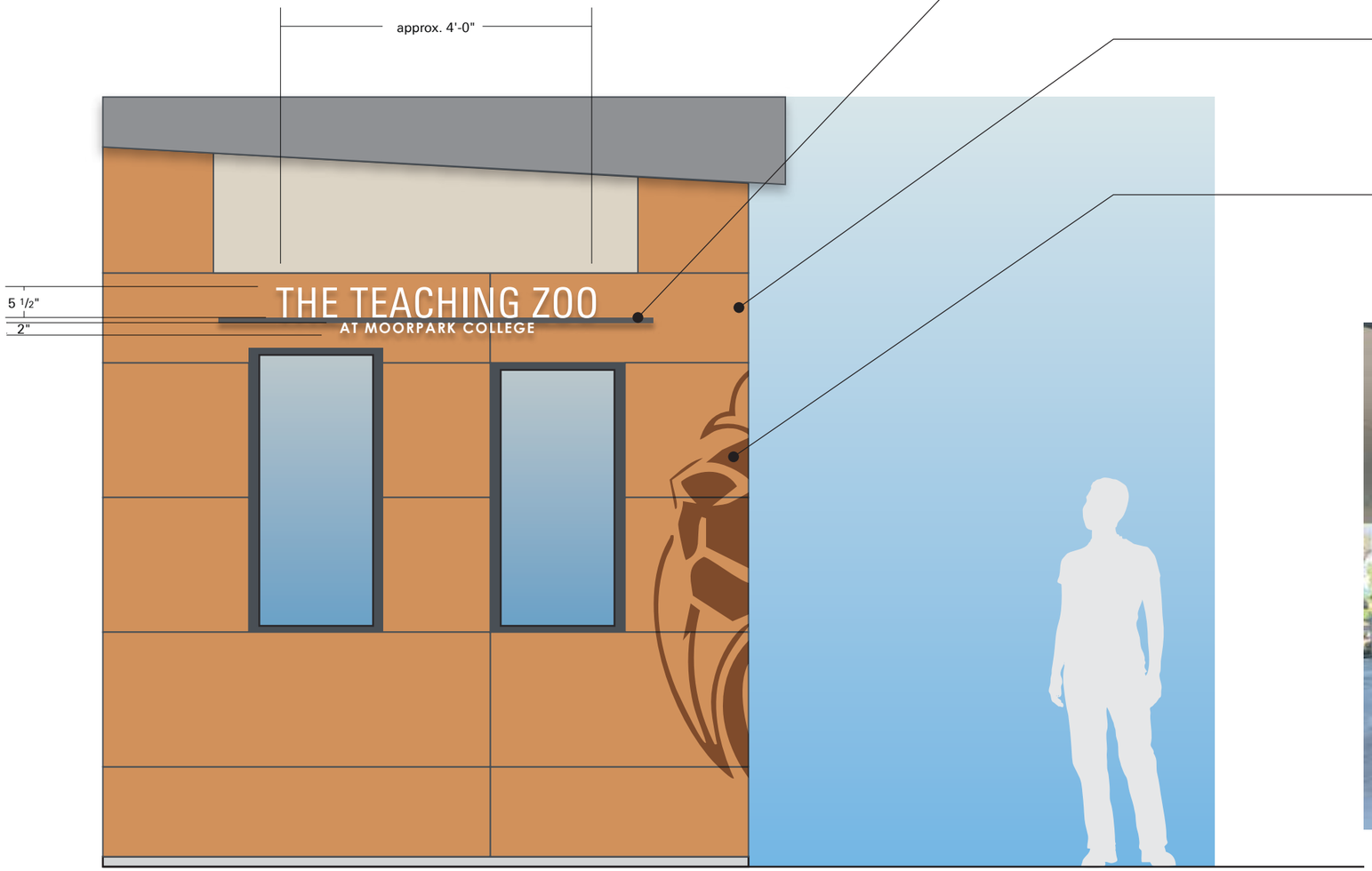


1 ELEVATION
NOT TO SCALE

January 27, 2026

H1. Animal Presentation Area

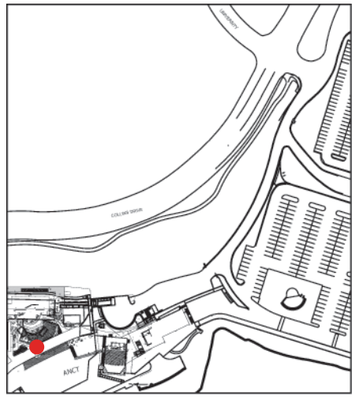
January 27, 2026

H1. Animal Presentation Area

Final mounting locations to be coordinated with stone coursing to avoid cracking or drilling through stone joints

Installer to provide templates for accurate field drilling

All fasteners to be stainless steel; no visible hardware on face



Location Plan

Icon to be CNC laser-cut or waterjet-cut from 3/16" (min) steel plate.
All interior and exterior cut edges to be clean, deburred, and eased.
No applied graphics; form achieved entirely through cut profile.
Pin-mounted off wall using concealed stainless steel threaded studs approximately 1" proud of finished wall surface. Studs shop-welded to rear of panel; field-installed with epoxy anchoring system suitable for stone substrate.
Installer to field-verify stone conditions and adjust stud locations as required
All surfaces painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

3” deep fabricated aluminium letters pin-mounted off wall using concealed stainless steel threaded studs approximately 1/2" proud of finished wall surface. All surfaces painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

1 1/2” deep fabricated metal letters pin-mounted off wall using concealed stainless steel threaded studs approximately 1/2" proud of finished wall surface. All surfaces painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

1 ELEVATION
SCALE: 1/2" = 1'-0"

January 27, 2026

H2. Donor Recognition

Final mounting locations to be coordinated with stone coursing to avoid cracking or drilling through stone joints

Installer to provide templates for accurate field drilling

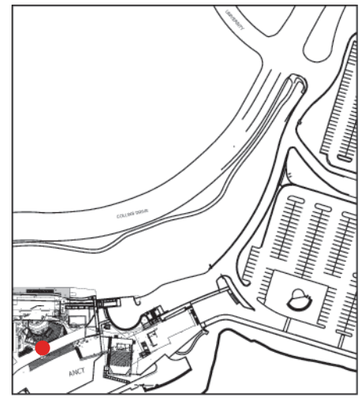
All fasteners to be stainless steel; no visible hardware on face

H2. Donor Recognition

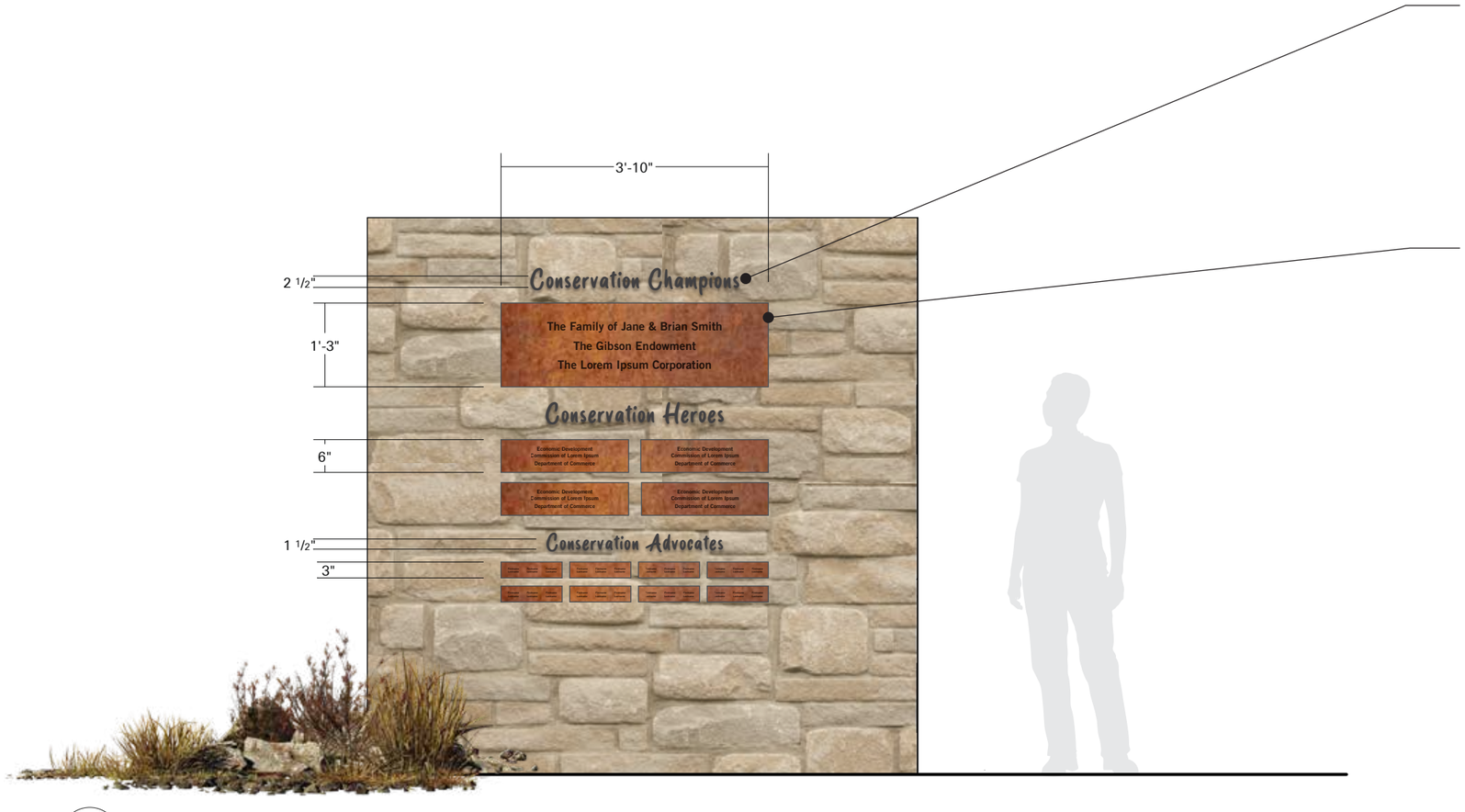
Final mounting locations to be coordinated with stone coursing to avoid cracking or drilling through stone joints

Installer to provide templates for accurate field drilling

All fasteners to be stainless steel; no visible hardware on face



Location Plan



1 ELEVATION
SCALE: 1/2" = 1'-0"

1/2" deep solid metal letters pin-mounted off wall using concealed stainless steel threaded studs 1/4" proud of finished wall surface (min). All surfaces painted with a high-performance two-part polyurethane paint system. Clear anti-graffiti coating on all exposed surfaces. Satin finish.

Donor panels are Corten Steel face panels stud mounted to a subframe structure for ease of future changeout. Anchor with concealed fasteners as needed. Isolate panel and fasteners to prevent galvanic corrosion and thermal stress. Donor names are acid etched.

GEOTECHNIQUES
1645 Donlon Street, Ste 107
Ventura, California 93003
(805) 658-8952, 456-9585

June 14, 2024
Project No. 1003.049

Moorpark College
Department of Maintenance and Operations
7075 Campus Drive
Moorpark, California 93021
Attention: Mr. John Sinutko

Subject: Geotechnical Update, Presentation Area Bleachers and Animal Shelter at Moorpark College Zoo, 7075 Campus Road, Moorpark, California, Moorpark College, Moorpark, California

Dear Mr. Sinutko:

This geotechnical letter report summarizes site conditions and provides recommendations for the proposed bleachers and animal shelter at the Presentation Area of the Zoo at Moorpark College.

PROPOSED PROJECT

The Presentation Area bleachers, with an approximate footprint of 2,730 square feet, will be constructed in a relatively level area at the current bleacher site located approximately 100 feet west/northwest of the zoo entrance. The bleachers will incorporate a metal canopy. The proposed 3,000 square-foot animal shelter will have a concrete floor. Support for both the bleachers and the animal shelter is anticipated to consist of cast-in-drilled-hole pile foundations. Minor grading is planned in order to achieve ADA access gradients and positive surface drainage. CMU walls up to 8 feet in height also are planned around the improved Presentation Area.

SITE CONDITIONS

The Presentation Area site is underlain by native fine sandy silt with clay from the Saugus Formation (Ts), and as encountered during construction of the adjacent Tiger Habitat, alligator water habitat and Exotic Animal Training and Management (EATM) classrooms and facility improvements[1].

Past Grading

No previous site grading is known to have occurred other than minor surficial contouring to accommodate prior use in the Presentation Area.

Subsurface Conditions

Native earth materials encountered during previous exploration for and during construction of the nearby EATM classroom structure[2] and excavations observed for the adjacent alligator pit[3] and Tiger Habitat[4] typically consisted of fine sandy silt with clay derived from the Saugus Formation. Calcium

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[1] Arroyo Geotechnical (2006), "Report of Geotechnical Study, Exotic Animal Training and Management Facility, Moorpark College, California," Project No. 12149-4000, dated September 29, see boring logs.
[2] *Id.*, see boring logs in Appendix and Geotechniques' field dailies for shoring pile excavation observation between February 22 and 24, 2010.
[3] From Geotechniques' field observations during alligator pit excavation in January 2010.
[4] From Geotechniques' field observations during drilled foundation shaft observations in March/April 2022.
[5] Arroyo Geotechnical (2006), "Report of Geotechnical Study, Exotic Animal Training and Management Facility, Moorpark College, California," Project No. 12149-4000,p.14, Sec. 4.9, dated September 29

carbonate ("caliche") inclusions are common in the native earth materials which are known to be corrosive to underground steel[5].

Groundwater

Groundwater was not encountered to a maximum exploration depth of about elevation 700 feet, or about 46 feet below the ground surface at the western end of the adjacent EATM site[1]. Additionally, no groundwater or seeps were encountered in excavations extending to a depth of up to about 12 feet during construction of the adjacent Tiger Habitat[4] and alligator pit[3] nor in the 25- to 40-foot deep shoring piling excavations for the EATM site located immediately southeast of the Presentation Area site[2].

FAULT RUPTURE AND LIQUEFACTION HAZARD POTENTIAL

The Presentation Area is not located within the Alquist-Priolo Special Studies Zone nor lies within a Liquefaction Hazards Zone. Furthermore, the absence of groundwater to an elevation of about El. 700 feet precludes the potential for liquefaction-induced settlement or lateral movement.

SITE SUBGRADE PREPARATION AND FOUNDATION RECOMMENDATIONS

SITE SUBGRADE PREPARATION

Prior to excavation operations, vegetation including root mat, and all organics, deleterious material, and demolition debris should be stripped from the surface and wasted offsite.

Demolition of Existing Improvements

Removal and demolition of existing improvements should be performed in the presence of the geotechnical representative. **Depressions resulting from such removals should not be filled in or smoothed over until the exposed subgrade is observed by the geotechnical representative. Fill should be placed and compacted in accordance with recommendations presented subsequently** ("Fill Placement and Compaction").

Excavations and Cut Surfaces

Exposed surfaces from all cuts/excavation bottoms should be observed by the Geotechnical representative prior to scarification, compaction, or fill placement. Excavations adjacent to existing below-grade improvements should be wide enough to accommodate compacting equipment or alternatively be backfilled with a 1½-sack cement/sand slurry.

Footing Excavations

Shallow footings for site CMU walls, or similar, should be bottomed a minimum of 21 inches below lowest adjacent grade into undisturbed native sandy silt with clay. Footing excavations should be deepened, as needed, so to be bottomed into native, very firm undisturbed soil and to maintain a minimum horizontal setback of 5 feet to daylight on any descending slope face, where applicable. Footing bottoms should be compacted with a wacker (jumping jack).

Slab-on-Grade and Pavement Subgrade

Subgrade for on-grade and floor slab concrete, and asphalt concrete pavement should be scarified to a depth of 9 inches (below any aggregate base course, where applicable), moisture conditioned to between 0 and 3 percent over optimum moisture content, and compacted to a minimum of 95 percent of the maximum dry density determined by ASTM D1557, latest edition. Scarification

should be thorough enough to pulverize the soil into a pea-sized or finer consistency prior to applying compactive effort. Alternatively, the subgrade should be overexcavated, moisture-conditioned and processed, and re-placed and compacted as above.

Areas to Receive Fill

No fill, including slurry, should be placed unless the exposed subgrade is observed by the Geotechnical representative.

After clearing vegetation and root mat, areas to receive fill should be scarified to a depth of 9 inches so that the material is reduced to pea-sized or finer consistency, moisture conditioned and compacted to a minimum of 95 percent of the maximum dry density.

Fill Placement and Compaction

Onsite soils are anticipated to be used as general fill once cleared of organic material, demolition or other debris, and oversized rock. Fill materials placed immediately beneath floor slab or on-grade concrete should consist of a minimum of 6 inches of Class 2 aggregate base with no recycled asphalt concrete. Aggregate base should be compacted to a minimum of 95 percent of the maximum dry density determined from ASTM D1557.

Fill placement and earthwork operations should be performed according to the recommendations of this report. We recommend that, unless otherwise noted, all fill materials be compacted to at least 95 percent relative compaction, based on the maximum dry density determined from ASTM D1557.

Onsite soils used as fill and imported fill materials should be placed and compacted at a moisture content of between 0 and 3 percent over optimum moisture content. Each layer should be spread evenly in loose lifts no thicker than 8 inches and should be thoroughly blade-mixed during the spreading to provide relative uniformity of material within each layer. Fill and backfill materials may need to be placed in thinner lifts to achieve the recommended compaction with the equipment being used. Soft or yielding materials should be removed and be replaced with properly compacted fill material, prior to placing the next layer.

Rock, gravel and other oversized material greater than 4 inches in diameter, should be removed from the fill material being placed. Rock less than 4 inches in diameter should not be nested and voids caused by inclusion of rock in the fill should be filled with sand or other approved material. All roots larger than ½-inch diameter should be removed and discarded.

All fill materials, including scarified materials, should be thoroughly processed to pea-sized or finer consistency or finer prior to applying compactive effort. When the moisture content of the fill material is below that sufficient to achieve the recommended compaction, water should be added to the fill during processing. While water is being added, the soil should be bladed and mixed to provide relatively uniform moisture content throughout the material. When the moisture content of the fill material is excessive, the fill material should be aerated by blading or other methods

Fill Materials

The expansion index of imported materials used as general fill should be tested, as necessary during earthmoving operations, to verify that the expansion index of the material is less than 20.

Onsite Soils. Onsite soils are generally anticipated to consist of fine sandy silt with clay (ML) that meet the requirements for general fill.

General Fill. General fill may be used in foundation and on-grade concrete areas, and as backfill in utility trenches.

UTILITY TRENCHES

Prior to excavation of utility trenches, grass mat along trench alignment should be stripped and stockpiled and/or wasted offsite. Utility trenches should be braced or sloped in accordance with the requirements of (Cal) OSHA. Trenches should be excavated sufficiently wide to accommodate compacting equipment. Utility trench backfill should be governed by the provisions of this report relating to minimum compaction recommendations. Trench backfill should be moisture conditioned between 0 and 3 percent over optimum moisture content prior to placing in trench. Backfill should be compacted to a minimum of 90 percent relative compaction as determined from ASTM D1557, and to a minimum of 95 percent relative compaction under pavement and on-grade concrete.

Rock larger than 4 inches in maximum dimension should be excluded from trench backfill. Jetting of trench backfill materials should not be permitted.

Trench backfill materials should consist of bedding and pipe zone sand placed 4 inches below the pipe invert and to a height of 12 inches above the top of the pipe. Bedding and pipe zone sand should consist of fine to medium or coarse sand with a minimum sand equivalent (SE) of 30. General fill or pipe zone sand should be placed as backfill above the pipe zone in 8-inch loose lifts and compacted to the minimum relative compaction summarized above. Use of general backfill materials also should meet the preceding recommendations of this letter report, “Fill Placement and Compaction” and “Fill Materials.”

ASCE 7-16 / 2022 CALIFORNIA BUILDING CODE SEISMIC DESIGN PARAMETERS

Seismic design parameters for the Presentation Area were generated using site coordinates 34.3016˚ N, -118.8392˚ W, and in accordance with 2022 CBC and ASCE 7-16. The following parameters are recommended for design for Risk Category II and Site Class “D” soil profile:

Seismic Parameter[1]	Value	CBC Source	ASCE 7-10 Source
Mapped Spectral Response Acceleration			
S_S	1.993	Figure 1613.2.1 (1)	Figure 22-1
S_1	0.733g	Figure 1613.2.1 (2)	Figure 22-2
S_{MS}	1.993g	Equation 16-20	Equation 11.4-1
S_{M1}	1.246	Equation 16-21	Equation 11.4-2
Design Spectral Response Acceleration			
S_{DS}	1.329	Equation 16-22	Equation 11.4-3
S_{D1}	0.831	Equation 16-23	Equation 11.4-4
PGA/PGA_M	0.866 /0.952g		Figure 22-9

[1] SM1 , SD1 were calculated per Table 1613.2.3(2) in Section 16.4.4 of the 2022 CBC, using Fv = 1.7 and assuming that a site-specific ground motion hazards analysis is not required per ASCE 7-16 Supplement 3, Sec. 11.4.8.1 exception 1.: site-specific ground motion hazard analysis not required where the above values of SM1 and SD1 are increased by 50%.
Ref: https://hazards.atcouncil.org/

FOUNDATION DESIGN PARAMETERS AND RECOMMENDATIONS

Shallow Footings

The following recommendations are for shallow footing design for CMU walls and conventional shallow foundations.

Footing Depth. Shallow footings should be bottomed a minimum of 21 inches below lowest adjacent grade and should be deepened, as necessary, to bear entirely on undisturbed native soil and maintain a minimum 5 foot horizontal setback to daylight on any descending slope face.

Allowable Bearing Pressure. Shallow continuous or pad footings bearing on undisturbed native sandy silt may be designed for maximum allowable bearing pressure of 1,500 pounds per square foot (psf). The recommended allowable bearing pressure provides a factor of safety against shear failure in excess of 3. A one-third increase in the allowable bearing pressure may be used for transient loads such as seismic or wind forces.

Estimated Settlement. On the basis of the foregoing, we estimate that post-construction settlement from structural loads should be less than 1 inch. For design purposes, foundations should be designed to accommodate differential settlement of about ½ inch over a distance of 30 feet, or a distortion ratio of about 1/720.

Sliding and Passive Resistance

Ultimate sliding resistance generated through a sandy silt/concrete interface may be estimated by multiplying the total dead weight structural loads by a coefficient of 0.4. Ultimate passive resistance developed from lateral bearing of footings bearing against native sandy silt below a depth of 1 foot below the lowest adjacent grade may be estimated using an equivalent fluid weight of 350 pounds per cubic foot (pcf). Sliding and passive resistance may be combined without reduction, when used with the safety factors of 1.5 for overturning and 2.0 for sliding. The safety factor for sliding can be reduced to 1.5 if passive resistance is neglected. The factor of safety for transient conditions should be at least 1.1.

Pile Foundation Recommendations

Drilled cast-in-place concrete piles for the foundations for the bleachers, canopy, and animal shelter should be designed to derive all lateral support from undisturbed native soil encountered below grade. Drilled shafts should be observed by the geotechnical representative during excavation at each foundation location and to confirm design assumptions.

Passive and Frictional Resistance. An allowable passive resistance of 300 pounds per square foot per foot of depth (psf/ft) may be used when designing drilled pile foundations, with a maximum value limited to 3,000 psf. The upper 1 foot of embedment should be neglected for piles excavated in landscape areas, and the upper 2 feet should be neglected for piles on or immediately adjacent to slopes descending at 5h:1v or steeper (up to 3h:1v). A coefficient of friction of 0.4 may be combined with the passive resistance provided a one-third reduction in the total resistance is applied.

Allowable Bearing. An allowable bearing capacity of 3,500 psf is recommended for end-bearing on undisturbed native materials at a depth of at least 8 feet below existing grade. Shaft bottoms shall be clean of slough and disturbed soil.

Allowable Uplift Capacity. Allowable uplift capacity of drilled cast-in-place concrete piles should be taken as 300 psf from shaft resistance, plus the weight of the concrete pile. The upper 1 foot of embedment should be neglected in calculating uplift capacity for piles excavated in landscape areas, and the upper 2 feet should be neglected for piles on or immediately adjacent to slopes descending at 5h:1v or steeper (up to 3h:1v).

Drilled Shaft Construction Considerations. The bottom of the drilled shaft should consist of native sandy silt with clay that is not disturbed by the drilling auger. This should be achieved by using a bucket auger and/or clean-out bucket for excavating and cleaning the final 18 inches of native undisturbed materials from the shaft excavation bottom. Note that backspinning of flight auger is not an acceptable alternative to use of a bucket auger/clean-out bucket.

All loose slough and disturbed materials accumulated on the shaft bottom should be removed prior to setting column base or reinforcement cage and prior to concrete placement. Column base /reinforcement cage should be centered securely in shaft to maintain necessary clearances prior to concrete placement.

Caving sidewall conditions should be anticipated during drilling of shafts. Drilled shafts should be concreted the same day as excavation and **should not be left open overnight**. The drilling Contractor should have casing on hand during drilling to help mitigate sidewall caving of any sand layers. The outer diameter of the casing should be at least as large as the diameter of the drilled shaft so that the casing is in contact with the shaft sidewall. Casing should be withdrawn during concrete placement and should not be left in place. Drilled pile construction should be performed in accordance with the latest edition of ACI 336.1, "Standard Specifications for Construction of Drilled Piles."

Drilled pile excavation and construction should be observed by the Geotechnical representative during both drilling and concreting operations.

ASPHALT CONCRETE AND ON-GRADE CONCRETE SECTION THICKNESS

Subgrade for asphalt concrete and on-grade concrete to receive rare fire truck traffic should be prepared as recommended previously (see "**SITE SUBGRADE PREPARATION RECOMMENDATIONS**"). Subgrade and aggregate base courses shall be firm and unyielding and proof-rolled with a full water truck or equivalent in the presence of the Geotechnical representative prior to placement of the successive structural section course (i.e., aggregate base or asphalt concrete or concrete).

Surfaces shall be finished to uniform grades and slopes in accordance with contract documents and in such a manner to drain properly, convey runoff to existing and new drainage improvements, and be free from depressions that may cause areas of standing water or concentrates runoff on finished surface.

Asphalt Concrete Pavement. Asphalt concrete pavement to receive potential fire and delivery truck access and in non-vehicular areas, such as beneath bleachers shall, at a minimum, consist of the following:

Pavement Area	Asphalt Concrete Thickness (inches)	Aggregate Base Thickness (inches)
Fire truck access	3	6

Pavement Area	Asphalt Concrete Thickness (inches)	Aggregate Base Thickness (inches)
Non-vehicular areas	2½	4

Aggregate base should be compacted to a minimum of 95 percent of the maximum dry density. The base course should be firm and unyielding when proof-rolled with a full water truck in the presence of the Geotechnical representative prior to asphalt concrete laydown. Asphalt concrete should be compacted to a minimum of 95 percent of the maximum density.

ON-GRADE CONCRETE AND CONCRETE PAVEMENT

On-grade concrete section thickness for exclusively pedestrian use such as shade structures or sidewalks, should consist, at a minimum, of 4 inches of concrete over 4 inches of aggregate base compacted to a minimum of 95 percent of the maximum dry density.

Concrete Pavement Structural Sections. On-grade concrete to receive vehicular traffic, including pavement that may be used for fire truck access, should consist of a minimum of 6 inches of concrete over a minimum of 6 inches of aggregate base compacted to 95 percent of the maximum dry density. (Note that concrete to receive fork-lift traffic and routine truck traffic for deliveries or in trash dumpster areas should be at least 7 inches thick, depending on traffic index [TI].) Concrete should have a minimum 28-day compressive strength of 3,500 psi, a minimum Modulus of Rupture of 530 psi, and should be reinforced with No. 4 bars at 18 inches each way. Reinforcement should be supported at mid-slab at time of concrete pour. (Note that this structural section is not intended for exclusively pedestrian use.)

CLOSURE

The recommendations in this letter are specific to the scope of the proposed Presentation Bleachers and Animal Shelter. We appreciate the opportunity to be of service to Moorpark College. Please call if you have any questions concerning this letter.

Sincerely,

Geotechniques

Carole Wockner, P.E.
Principal Engineer
R.C. E. No. 74407, exp 09/30/25

Attachments: Referenced Report for EATM Classroom Building by Arroyo Geotechnical