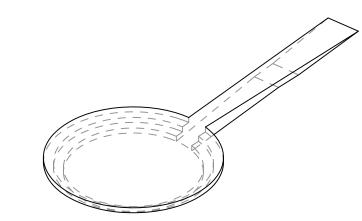
#### VOLUME DISPLACEMENT

SKETCH FOR REFERENCE ONLY

THIS IS A SKETCH REPRESENTING THE VOLUME DISPLACED BY THE AMPHITHEATER IT IS NOT FOR CONSTRUCTION PURPOSES.

VOLUME OF AMPHITHEATER DISPLACEMENT CALCULATED USING A DIGITAL 3D MODEL.

RAMP: 264 CF AMPHITHEATER: 1868 CF TOTAL: 2133 CF or 79 CU YD

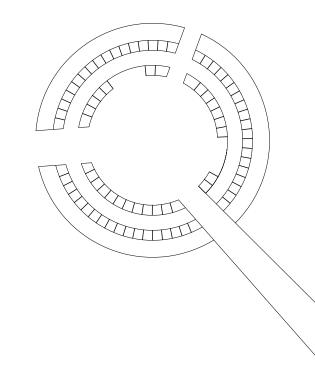


2.1 GUARD RAILS ARE COMPLIANT WITH CBC 1013.2. ALL GUARD RAILS EXTEND 42" ABOVE GRADE AT ALL DROP-OFFS 30" AND HIGHER WITHIN 36" HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. 2.2 GUARD RAIL CABLES DO NOT ALLOW THE PASSAGE OF A SPHERE 4" IN DIAMETER UP TO A HEIGHT OF 36" FROM GRADE. FROM 36" TO 42" ABOVE GRADE, GUARD RAIL CABLES DO NOT ALLOW THE PASSAGE OF A SPHERE MEASURED 4 3/8" IN DIAMETER.

REQUIRED 1 1/2" PER CBC 1012.7.

3. EGRESS

3.1 IN COMPLIANCE WITH CBC 1028.9-11 THE RAMP SERVING THE AMPHITHEATER IS 48" WIDE AT THE NARROWEST POINT, AS REQUIRED BY AN ASSEMBLY SERVING MORE THAN 36 SEATS. THE RAMP ACTS AS THE MAIN ACCESS ISLE. OTHER MEANS OF EGRESS INCLUDE TWO ISLES.



3.4 PER CBC 1028.9 THE AMPHITHEATER HAS 3 ISLES. TWO ARE ADJACENT TO EACH OTHER WITH A HANDRAIL SEPERATING THEM. EACH ISLE SERVES LESS THAN 50 SEATS, AND IS 36" WIDE WITH A HANDRAIL.

3.6 ISLE STAIR RISERS AND TREADS. ALL ISLES HAVE A UNIFORM SECTION. THERE ARE TWO FLIGHTS OF STAIRS PER ISLE. ALL TREADS ARE 11" LONG PER 1028.11.1. ONE FLIGHT HAS STEPS 8" TALL WHILE THE OTHER HAS RISERS 6" TALL, IN COMPLIANCE WITH 10.28.11.2.

3.7 PER CBC 1013.1, AMPHITHEATER DOES NOT NEED EXIT SIGNS DUE TO THE NATURE OF THE STRUCTURE BEING AN OPEN AIRED STRUCTURE WITH NO WALLS MORE THAN 3 FEET IN HEIGHT. ALL ROUTES OF TRAVEL ARE CLEARLY VISIBLE TO OCCUPANTS

3.10 MID-AISLE HANDRAILS SHALL NOT EXTEND BEYOND THE LOWEST RISER AND SHALL TERMINATE WITHIN 18 INCHES, MEASURED HORIZONTALLY, FROM THE LOWEST RISER. HANDRAIL EXTENSIONS ARE NOT REQUIRED. PER CBC 1029.15.3

4. COATINGS

TITLE 17, SECTION 94520 ET SEQ).

5.1 PER CBC 303.6 ASSEMBLY GROUP A-5, AMPHITHEATER TO BE CLASSIFIED AS CATEGORY A-5 OCCUPANCY

### 1. AMPHITHEATER ACCESSIBILITY

1.1 PER CBC 11b-221.2.1.1 FOR AN OCCUPANCY OF 51 - 150 4 WHEELCHAIR SPACES ARE PROVIDED. 1.2 THE WHEELCHAIR RAMP IS AT AN INCLINE OF 1:12 WITH HANDRAILS ON BOTH SIDES. 1.3 WHEEL CHAIR ACCESS ROUTES ARE ON COMPACTED DECOMPOSED GRANITE. 1.4 PER CBC 11B-221.3 ONE WHEELCHAIR COMPANION SPACE IS PROVIDED PER WHEELCHAIR SPACE.

#### 2. GENERAL SAFETY

2.3 CLEAR SPACE BETWEEN HAND RAIL AND RAMP EDGE IS 3", WHICH IS GREATER THAN THE

3.2 THE SEATING CAPACITY OF THE AMPHITHEATER IS 84 SEATS, 18" WIDE, PER CBC 1004.4

3.3 THE LONGEST PATH OF EGRESS TRAVEL TO A PATH LEADING TO TWO EXITS IS 28FT, LESS THAN THE 30FT MAXIMUM PER CBC 1028.8

3.5 PER CBC 1028.10.2 AND 1028.10.2.1 THE CLEAR WIDTH OF THE ISLE ACCESSWAYS IS 2'-6", GREATER THAN THE 22" WIDTH REQUIRED.

3.8 PER CBC 1013.4 RAISED CHARACTER EXIST SIGNS ARE NOT REQUIRED PER CBC 1013.1

3.9 WHERE THERE IS SEATING ON BOTH SIDES OF THE AISLE, THE MID-AISLE HANDRAILS SHALL BE DISCONTINUOUS WITH GAPS OR BREAKS AT INTERVALS NOT EXCEEDING FIVE ROWS TO FACILITATE ACCESS TO SEATING AND TO PERMIT CROSSING FROM ONE SIDE OF THE AISLE TO THE OTHER. THESE GAPS OR BREAKS SHALL HAVE A CLEAR WITH OF NOT LESS THAN 22 INCHES AND NOT GREATER THAN 36 INCHES, MEASURED HORIZONTALLY, AND THE MID-AISLE HANDRAIL SHALL HAVE ROUNDED TERMINATIONS OR BENDS. (CBC 1028.13.1)

EXCEPTION: MID-AISLE HANDRAILS SHALL BE PERMITTED TO EXTEND BEYOND THE LOWEST RISER WHERE THE HANDRAIL EXTENSIONS DO NOT OBSTRUCT THE WIDTH OF THE CROSS AISLE.

3.11 WHERE MID-AISLE HANDRAILS ARE PROVIDED IN STEPPED AISLES, THERE SHALL BE AN ADDITIONAL RAIL LOCATED APPROXIMATELY 12 INCHES BELOW THE HANDRAIL. THE RAIL SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.1.2. AS IN CBC 1029.15.4

4.1 HANDRAILS TO BE PAINTED WITH COATING COMPLIANT PER (ROC Section 94522(a)(3) and CCR,

4.2 EMBEDDED POST PROTECTED WITH CATALYZED POLYURETHENE IS SCAQMD 1168 COMPLIANT

#### 5. OCCUPANCY CATEGORY

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DESIGN PROFESSIONAL

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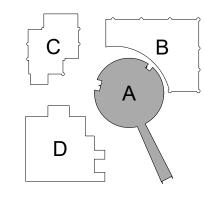
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#### REVISIONS

- DESCRIPTION Nº∣ 1 PLAN CHECK 2 BLDG DEPT. CORRECTIONS
- 3 PLNG. SUBMITTAL

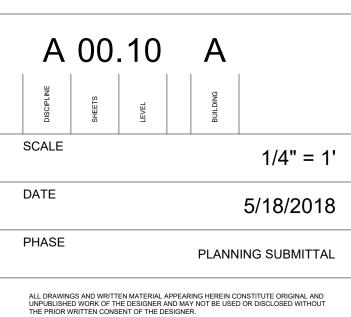
DATE 06/20/2015 11/14/2016 05/16/2018

KEY PLAN



TITLE

## **GENERAL NOTES**



STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES - BUILDING STANDARDS CO CALGreen Verification Guidelines – Mandatory Measures Checklist BSC CG-200 (Rev. 12/16)

#### CALGreen VERIFICATION **GUIDELINES MANDATORY** MEASURES CHECKLIST

Application: This checklist shall be used for nonresidential projects that meet one of the following: new construction, building additions of 1,000 sq. ft. or greater or building alterations with a permit valuation of \$200,000 or more pursuant to CALGreeen Section 301.3 AND do not trigger a Tier 1 or Tier 2 requirement:

Y = Yes (section has been selected and/or included) N/A = Not Applicable (Code section does not apply to the project, mainly used for additions and alterations) **O** = Other (provide explanation)

[N] = New construction pursuant to Section 301.3 [A] = Additions and/or alterations pursuant to Section 301.3

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION
DIVISION 5.1 Planning and Design	Mandatory	Storm Water Pollution Prevention w/ subsections	5.106.1 through 5.106.1.2
	Mandatory	Short Term Bicycle Parking	5.106.4.1.1
	Mandatory	Long Term Bicycle Parking	5.106.4.1.2
	Mandatory	Designated Parking For Clean Air Vehicles	5.106.5.2
	Mandatory	Parking stall marking	5.106.5.2.1
	Mandatory	Single (EV) Charging space requirements [N]	5.106.5.3.1
	Mandatory	Multiple (EV) Charging space requirements [N]	5.106.5.3.2
	Mandatory	EV charging space calculation [N] w/exceptions	5.106.5.3.3
	Mandatory	[N] Identification	5.106.5.3.4
	Mandatory	[N] Future charging spaces w/ notes 1-3	5.106.5.3.5
	Mandatory	Light Pollution Reduction [N] w/ exceptions and note	5.106.8
	Mandatory	Grading and Paving w/exception for Additions and Alterations not altering the drainage path	5.106.10
DIVISION 5.2 Energy Efficiency	Mandatory	Meet the minimum Energy Efficiency Standard	5.201.1
DIVISION 5.3 Water	Mandatory	Separate Meters (new buildings or additions > 50,000 SF that consume more than 100 gal/day)	5.303.1.1
Efficiency and Conservation	Mandatory	Separate Meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2
	Mandatory	Water closets shall not exceed 1.28 gallons per flush	5.303.3.1
	Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1
	Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2
	Mandatory	Single showerhead shall have maximum flow rate of 2.0 gpm (gallons per minute) at 80 psi	5.303.3.3.1
	Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 2.0 gpm at 80 psi	5.303.3.3.2
	Mandatory	Nonresidential lavatory faucets	5.303.3.4.1
	Mandatory	Kitchen faucets	5.303.3.4.2
	Mandatory	Wash basins	5.303.3.4.3
	Mandatory	Metering faucets	5.303.3.4.4

OMM	ISSION	

N/A	ο	Plan sheet, Spec or Attach Reference
		SEE CIVIL
		A01.00
N/A		
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		A01.00
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		SEE ELEC.
		SEE CIVIL
N/A		NO PWR
N/A		NO WTR

CHAPTER 5 DIVISIONS		SECTION TITLE	CODE SECTION	Y	N/A	0	Plan sheet, Spec or Attach Reference	
	Mandatory	Metering faucets for wash fountains	5.303.3.4.5		N/A		NO WTR	1
	Mandatory	Food waste disposers w/note	5.303.4.1		N/A		NONE	1
	Mandatory	Areas of additions and alterations	5.303.5				NO WTR	1
	Mandatory	Standards for plumbing fixtures and fittings	5.303.6		N/A			1
	Mandatory	Outdoor water use in landscape areas equal to or greater than 500 square feet	5.304.2		N/A			
	Mandatory	Outdoor water use in rehabilitated landscape projects with areas equal to or greater than 2,500 square feet	5.304.3		N/A			
	Mandatory	Outdoor water use in landscape areas of 2,500 square feet or less	5.304.4	Y			A00.02, A01	00
	Mandatory	Graywater or rainwater use in landscaped areas	5.304.5	Υ			A00.02, A01	00
<b>DIVISION 5.4</b>	Mandatory	Weather Protection	5.407.1		N/A		NON ENCL	DSED
Material	Mandatory	Moisture Control: sprinklers	5.407.2.1		N/A		NON ENCL	
Conservation and Resource	Mandatory	Moisture Control: Exterior door protection	5.407.2.2.1		N/A		NON ENCL	
Efficiency	Mandatory	Moisture Control: Flashing	5.407.2.2.2		N/A		NON ENCL	ÞSED
Lineieney	Mandatory	Construction waste management-comply with either: sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3					
	Mandatory	Construction waste management: Documentation w/notes	5.408.1.4					
	Mandatory	Universal Waste [A]	5.408.2					1
	Mandatory	Excavated soil and land clearing debris w/ exception and notes	5.408.3					
	Mandatory	Recycling by Occupants w/ exception	5.410.1					1
	Mandatory	Recycling by Occupants: Additions w/ exception	5.410.1.1					1
	Mandatory	Recycling by Occupants: Sample ordinance	5.410.1.2					1
	Mandatory	Commissioning new buildings ( $\geq$ 10,000 SF) [N] w/exceptions and notes	5.410.2					
	Mandatory	Owner's or Owner representative's Project Requirements (OPR) [N]	5.410.2.1					
	Mandatory	Basis of Design (BOD) [N]	5.410.2.2	20				1
	Mandatory	Commissioning Plan [N]	5.410.2.3					
	Mandatory	Functional Performance Testing [N]	5.410.2.4	6				
	Mandatory	Documentation and Training [N]	5.410.2.5				2	
	Mandatory	Systems Manual [N]	5.410.2.5.1					
	Mandatory	Systems Operation Training) [N]	5.410.2.5.2					
	Mandatory	Commissioning Report [N]	5.410.2.6			· · · · ·		
	Mandatory	Testing and adjusting for new buildings < 10,000 SF or new systems that serve additions or alterations.	5.410.4					
	Mandatory	System Testing Plan for HVAC, Lighting, water heating, renewable energy, landscape irrigation and water reuse.	5.410.4.2					
	Mandatory	Procedures for testing and adjusting	5.410.4.3					
	Mandatory	HVAC balancing	5.410.4.3.1		N/A			
	Mandatory	Reporting for testing and adjusting	5.410.4.4					
	Mandatory	Operation and Maintenance (O&M) Manual	5.410.4.5					
	Mandatory	Inspection and reports	5.410.4.5.1					]

		-
CHAPTER 5 DIVISIONS		S
DIVISION 5.5	Mandatory	Fireplaces
Environ- mental	Mandatory	Woodstoves
Quality	Mandatory	Temporary ventila
,	Mandatory	Covering of ducts mechanical equip
	Mandatory	Adhesives, sealar
	Mandatory	Paints and coating
	Mandatory	Aerosol paints and
	Mandatory	Aerosol paints and
	Mandatory	Carpet systems
	Mandatory	Carpet cushion
	Mandatory	Carpet adhesive
	Mandatory	Composite wood
	Mandatory	Composite wood
	Mandatory	Resilient flooring s
	Mandatory	Resilient flooring:
	Mandatory	Filters w/ exception
	Mandatory	Filters: Labeling
	Mandatory	Environmental tob
	Mandatory	Indoor moisture c
	Mandatory	Outside air delive
	Mandatory	Carbon dioxide (C
	Mandatory	Acoustical control
	Mandatory	Exterior noise trar w/ exceptions
	Mandatory	Noise exposure w readily available
	Mandatory	Performance met
	Mandatory	Site features
	Mandatory	Documentation of
	Mandatory	Interior sound trar
	Mandatory	Ozone depletion a
	Mandatory	Chlorofluorocarbo
	Mandatory	Halons
	Mandatory	Supermarket refrig food stores 8,000 5.508.2 through 5
		END OF MANDA
		/Responsible Des rate and complete.
Signature:		
Company:		
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1		

#### Plan sheet, CODE Spec or Attach SECTION TITLE N/A SECTION Reference Mandatory Fireplaces 5.503.1 Mandatory Woodstoves 5.503.1.1 Y A01.00 5.504.1 N/A Mandatory Temporary ventilation Mandatory Covering of ducts openings and protection of 5.504.3 mechanical equipment during construction 5.504.4.1 Y A09.00A, A00.10A Mandatory Adhesives, sealants and caulks 5.504.4.3 Y A09.00A, A00.10A Mandatory Paints and coatings 5.504.4.3.1 Y A09.00A, A00.10A Mandatory Aerosol paints and coatings MandatoryAerosol paints and coatings: VerificationMandatoryCarpet systemsMandatoryCarpet cushion 5.504.4.3.2 Y A09.00A, A00.10A 5.504.4.4 N/A 5.504.4.4.1 N/A 5.504.4.4.2 N/A Mandatory Carpet adhesive Mandatory Composite wood products 5.504.4.5 N/A 5.504.4.5.3 N/A Mandatory Composite wood products: Documentation 5.504.4.6 N/A Mandatory Resilient flooring systems 5.504.4.6.1 N/A 5.504.5.3 N/A 5.504.5.3.1 N/A 5.504.5.3.1 N/A 5.504.5.3.1 N/A 5.504.5.3 N/A 5.504.5.3 N/A 5.504.5 N/A 5.504.7 N/A 5.505.1 N/A Mandatory Resilient flooring: Verification of compliance Mandatory Filters w/ exceptions Mandatory Filters: Labeling Mandatory Environmental tobacco s Mandatory Indoor moisture control Mandatory Outside air delivery Environmental tobacco smoke (ETS) control 5.506.1 N/A Mandatory Carbon dioxide (CO2) monitoring 5.506.2 N/A 5.507.4 N/A Mandatory Acoustical control w/ exception Mandatory Exterior noise transmission, prescriptive method 5.507.4.1 N/A w/ exceptions Mandatory Noise exposure where noise contours are not 5.507.4.1.1 N/A readily available Mandatory Performance method 5.507.4.2 N/A Mandatory Site features 5.507.4.2.1 Mandatory Documentation of compliance 5.507.4.2.2 5.507.4.3 Mandatory Interior sound transmission w/ note 5.508.1 Mandatory ( Ozone depletion and greenhouse gas reductions \_ Chlorofluorocarbons (CFCs) 5.508.1.1 Mandatory 🛛 Mandatory Halons 5.508.1.2 Mandatory Supermarket refrigerant leak reduction for retail 5.508.2 food stores 8,000 square feet or more sections through 5.508.2 through 5.508.2.6.3 5.508.2.6.3 END OF MANDATORY PROVISIONS on Author's /Responsible Designer's Declaration Statement Mandatory: I attest that this mandatory

Date:
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### HUERTA DEL VALLE COMMUNITY GARDEN EDUCATIONAL CENTER



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OWNER CITY OF ONTARIO

OPERATED BY

HUERTA DEL VALLE ONTARIO COMMUNITY GARDEN

DESIGN PROFESSIONAL

HDV DESIGN TEAM (NOT LICENSED)

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### REVISIONS

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DATE 06/20/2015 11/14/2016 05/16/2018

KEY PLAN

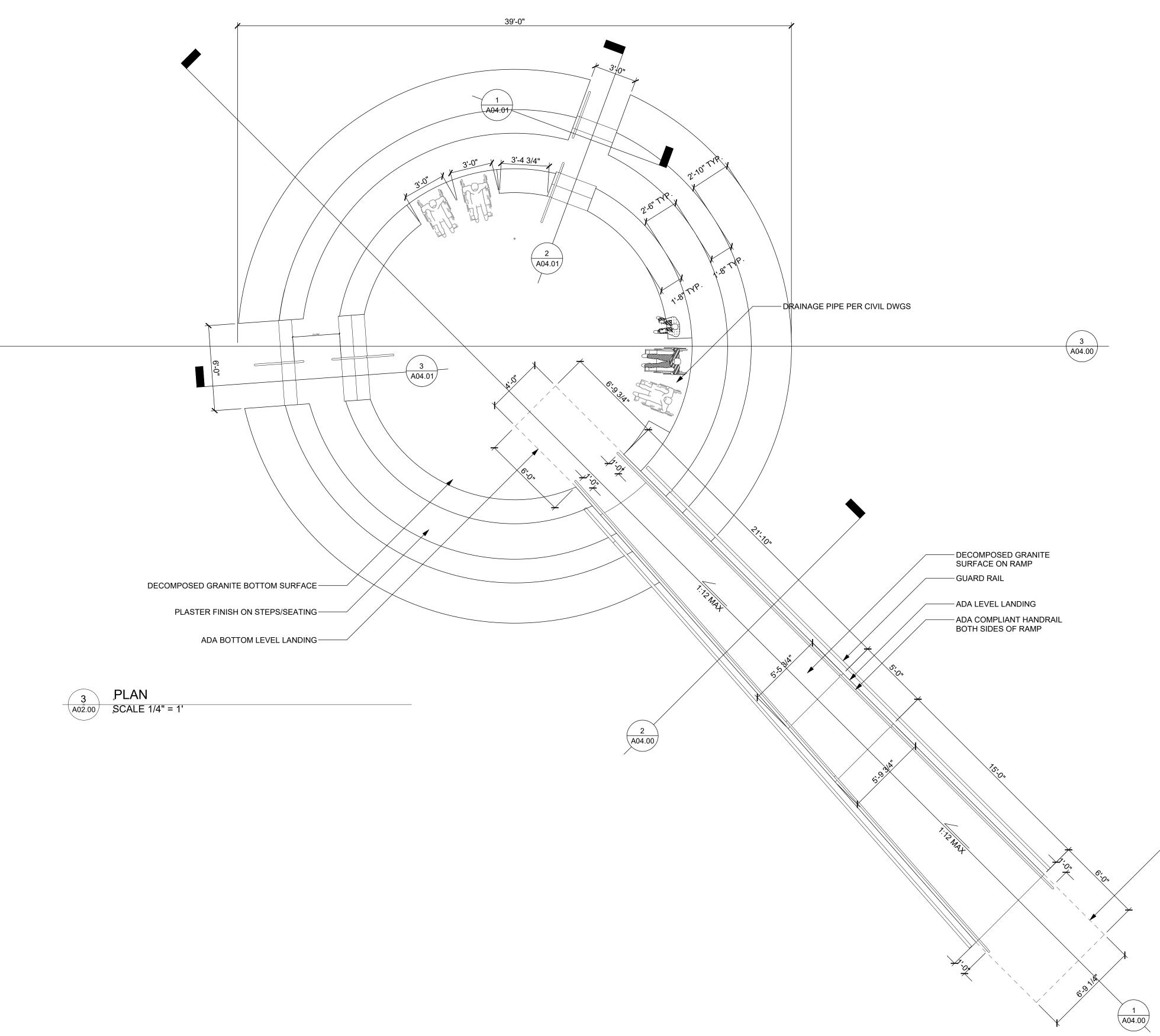
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TITLE

CAL GREEN MANDATORY CHECKLIST

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DISCIPLINE	SHEETS	LEVEL	BUILDING	
SCALE				
DATE				5/18/2018
PHASE			PLANN	ING SUBMITTAL

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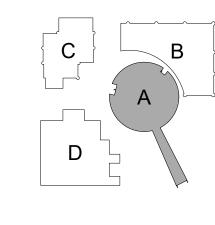
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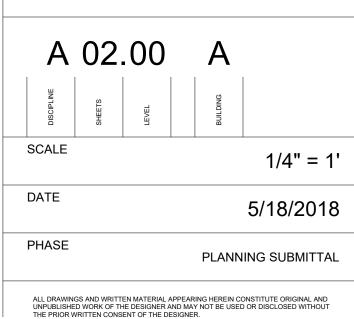
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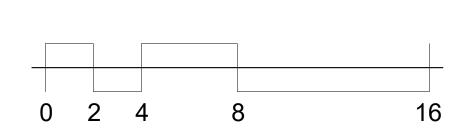


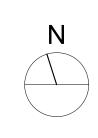
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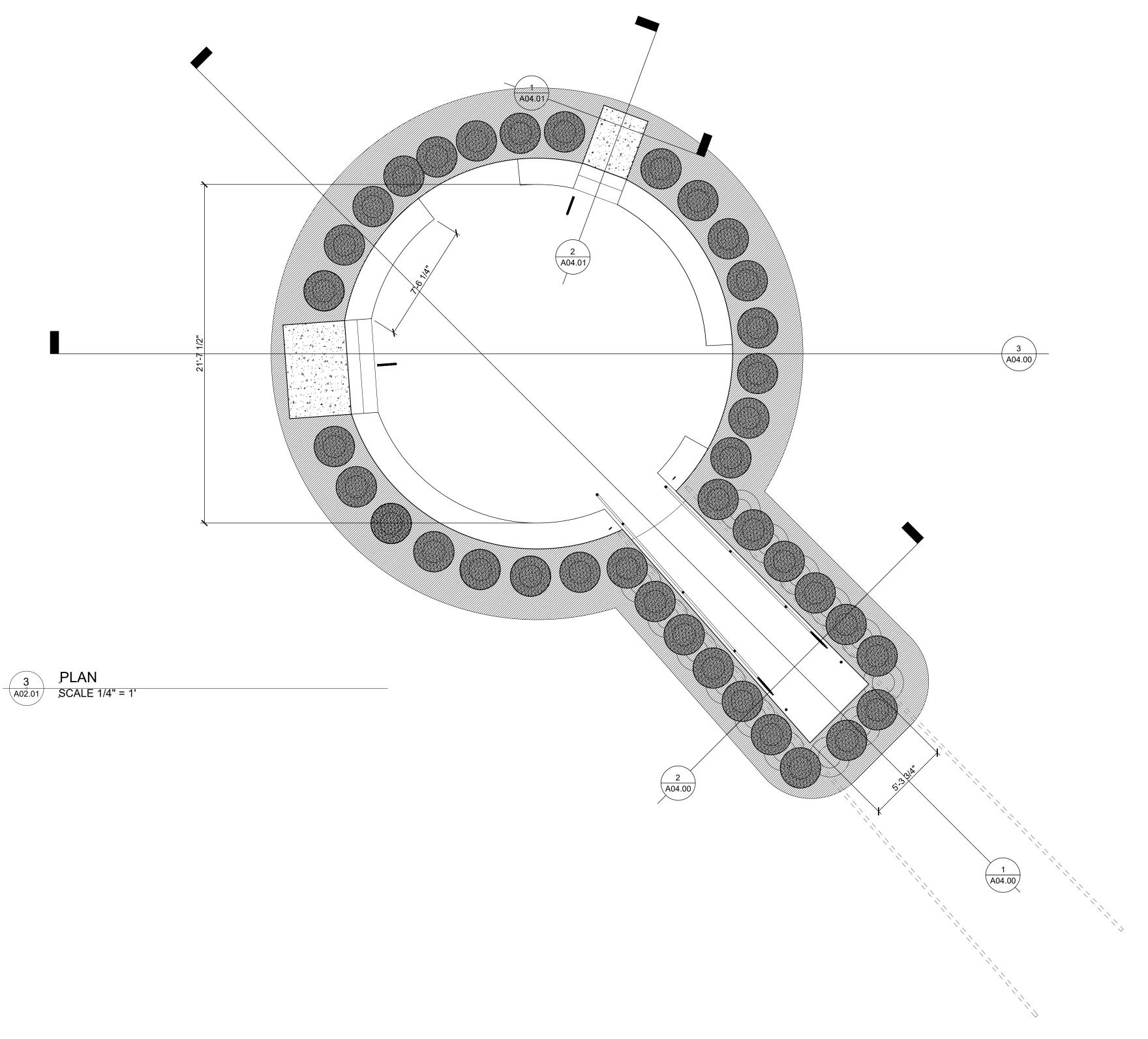
# FLOOR PLANS



- ADA TOP LEVEL LANDING









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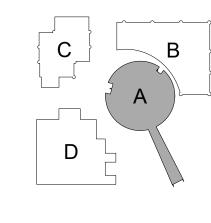
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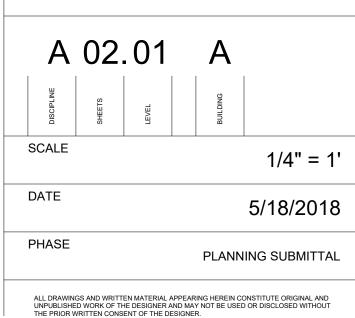
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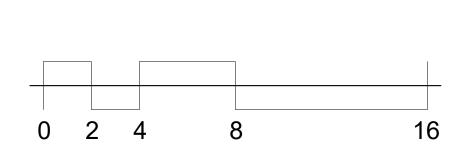
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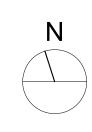


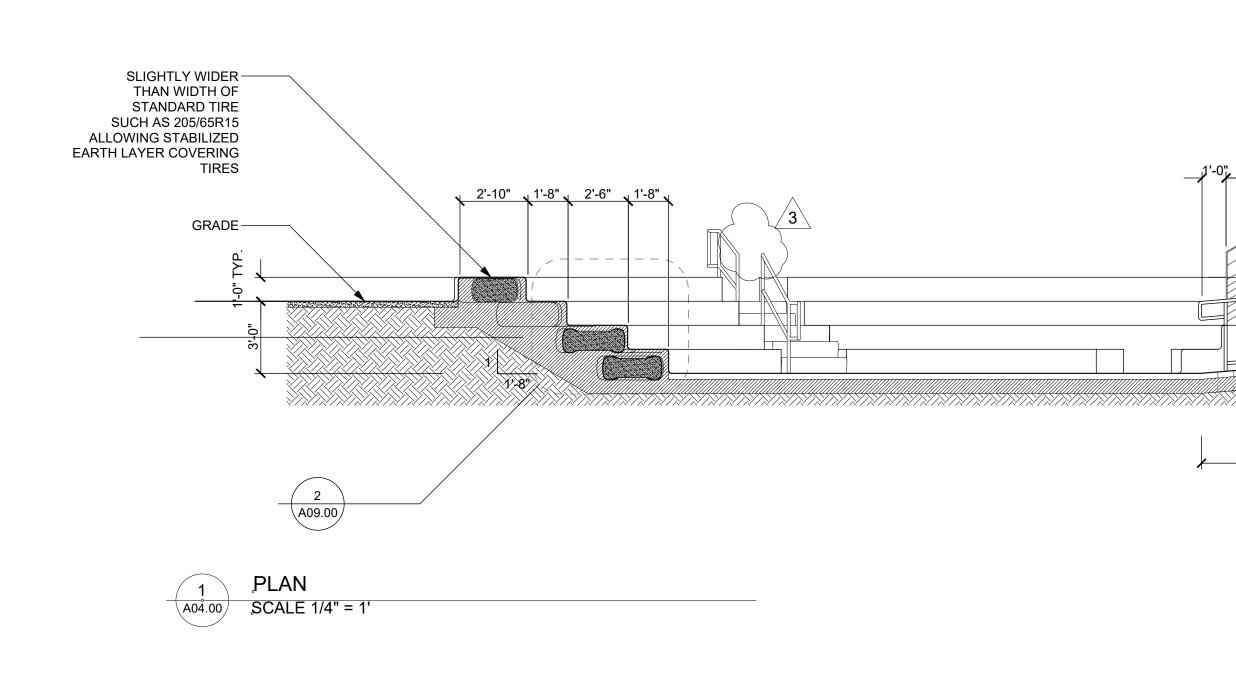
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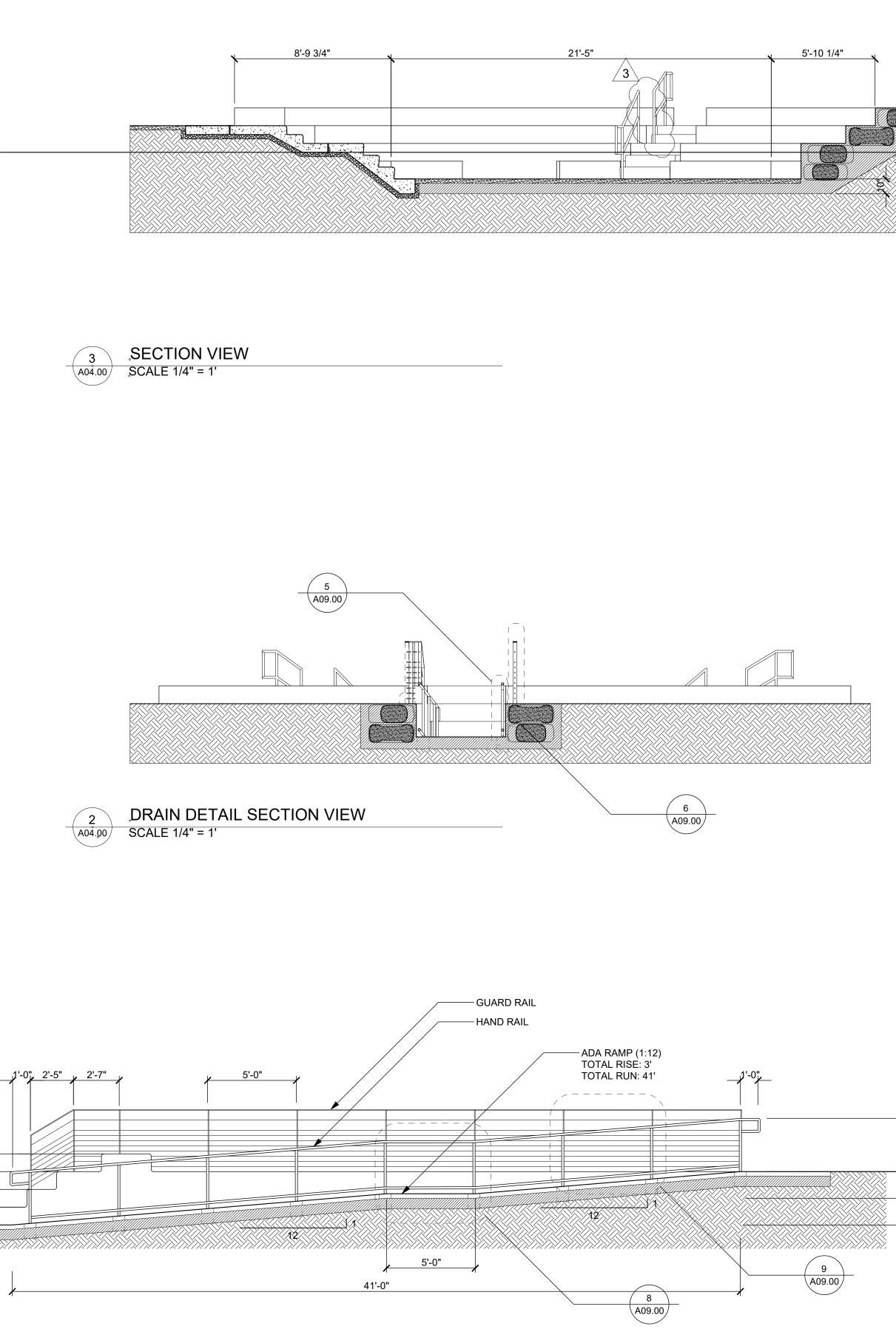
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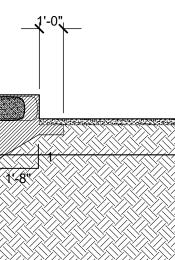


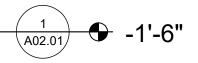












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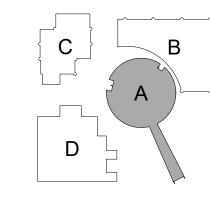
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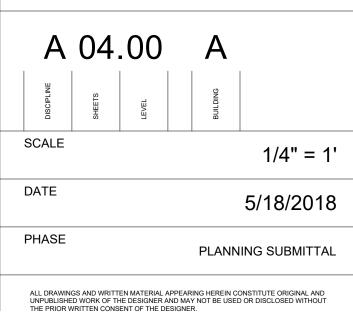
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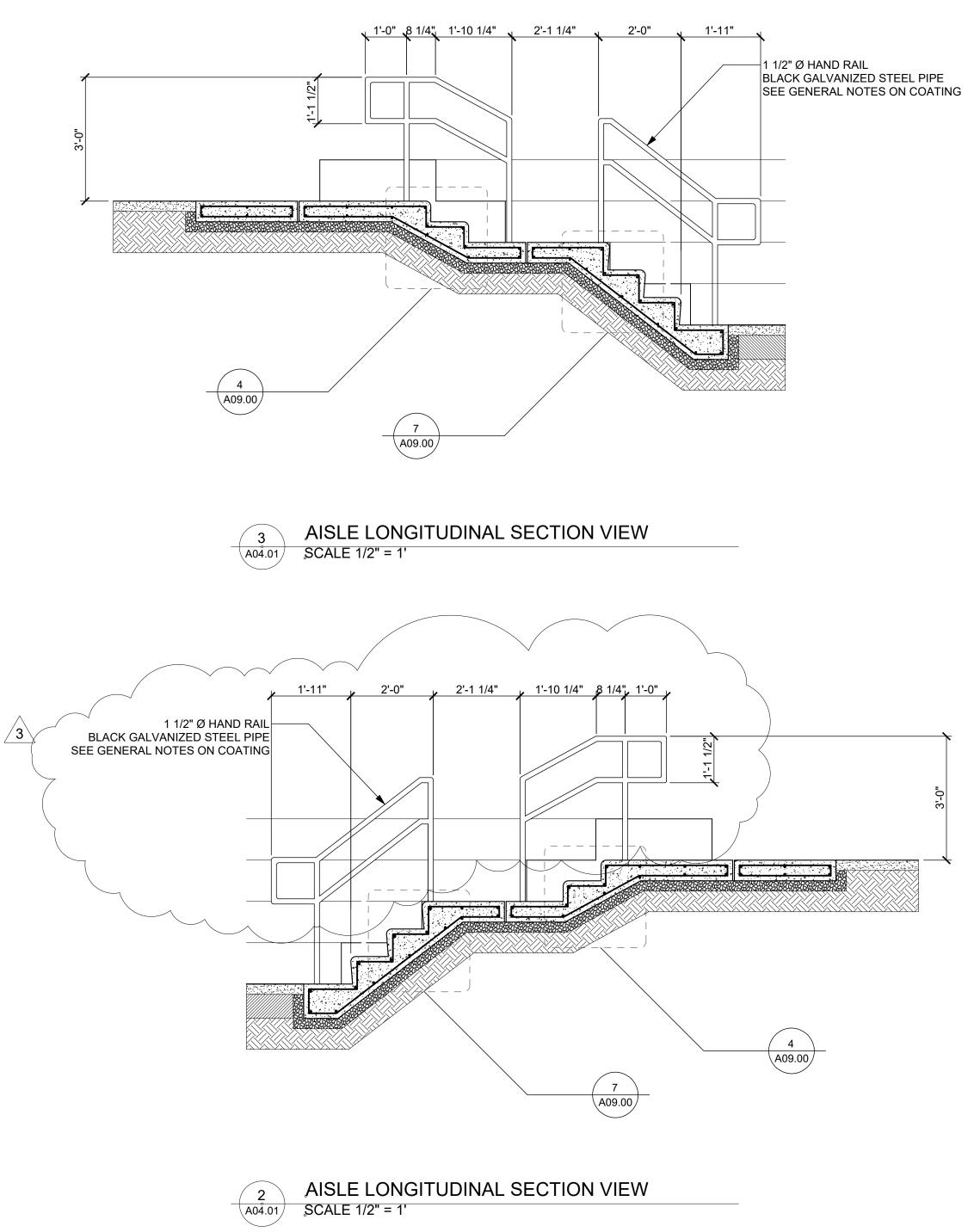


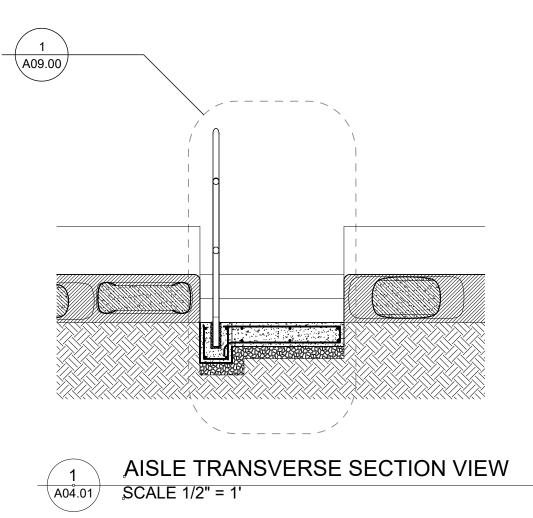
TITLE

# SECTIONS



1' - 0"
0' - 0"
-1' - 6" PLAN A02.01
-3' - 0"
-4' - 0"





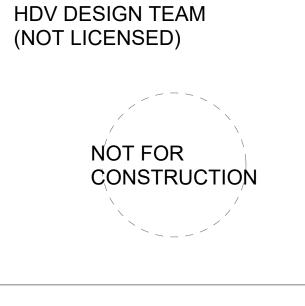


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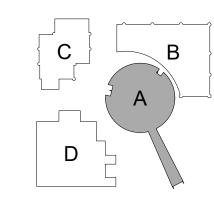


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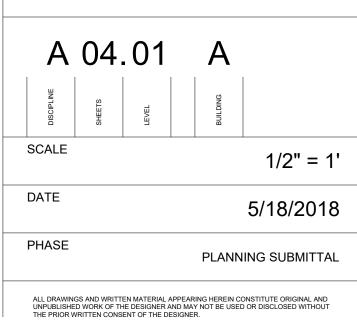
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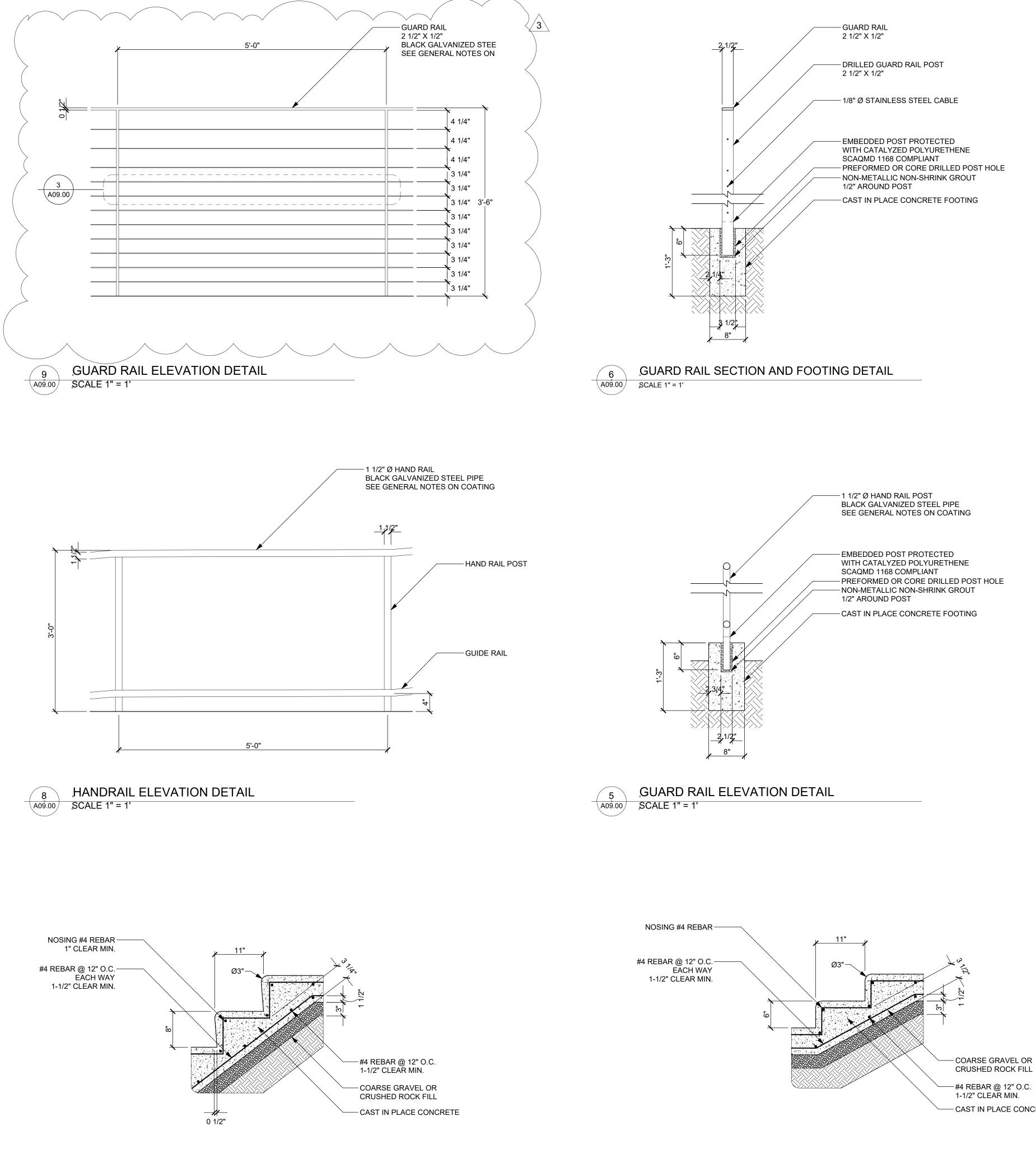


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# SECTIONS



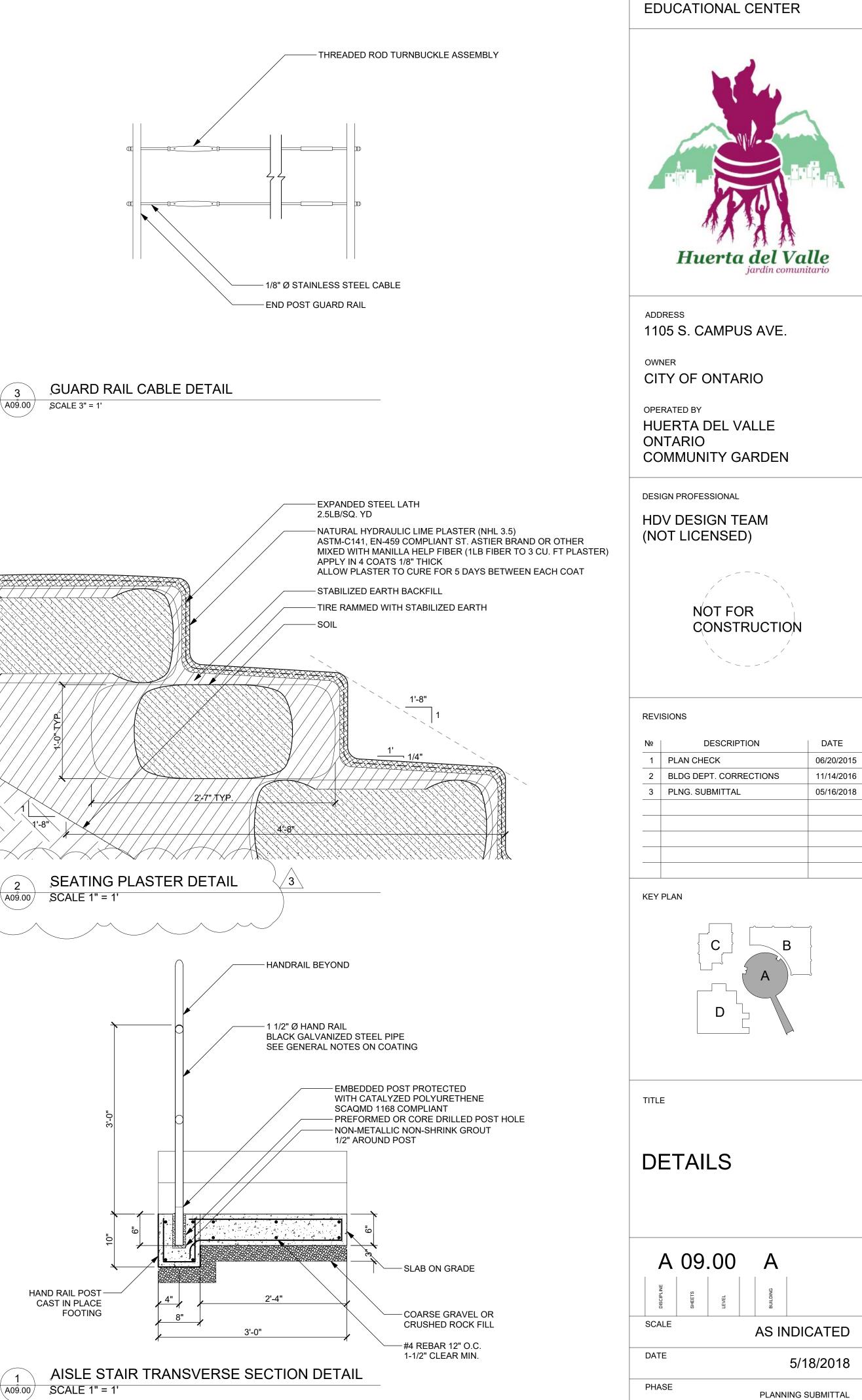
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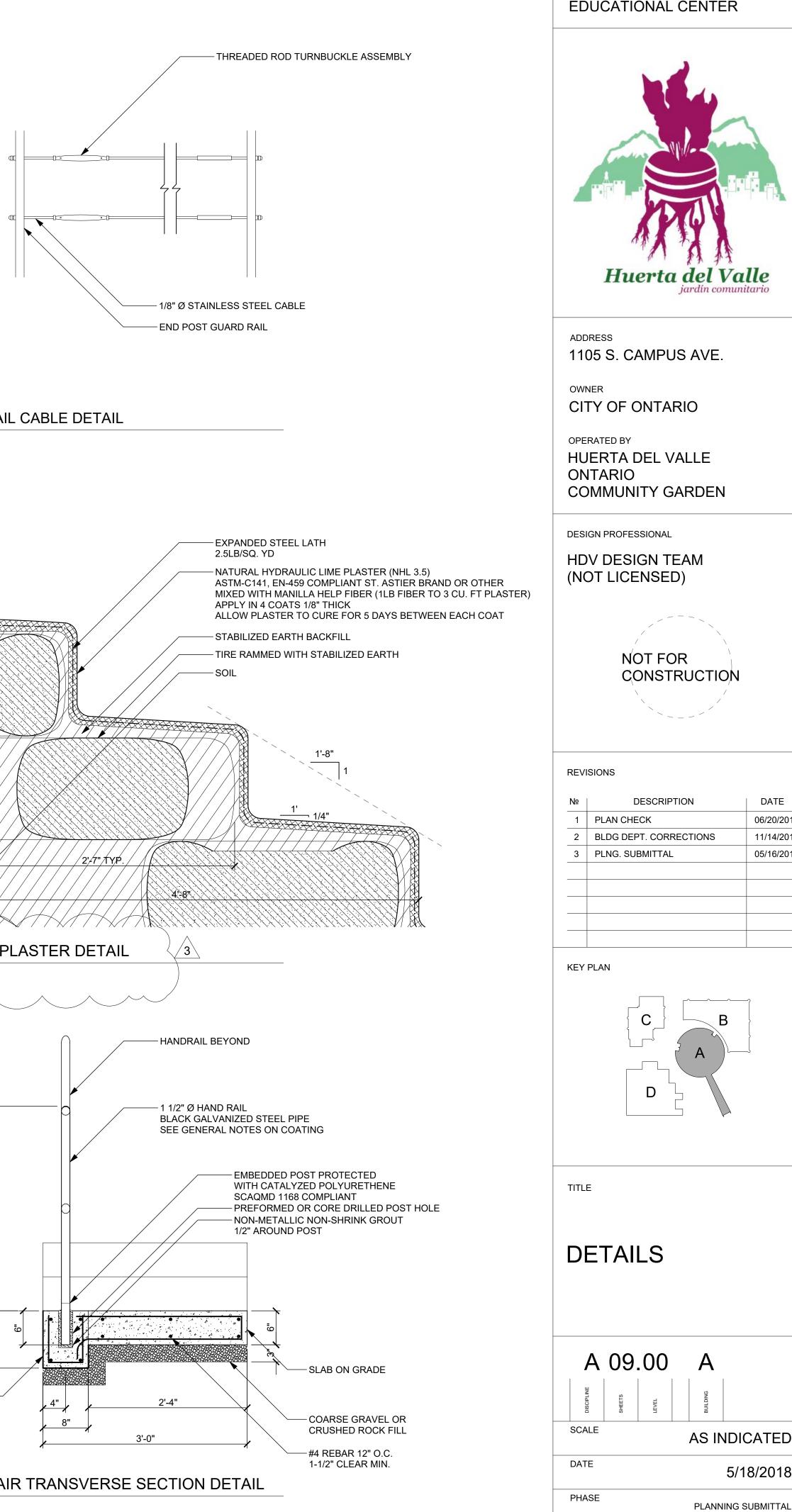








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