

# RESTROOM DESIGN SUBMITTAL

**August 6, 2024**

**Habitat Nature Center**

**Bloomington, CA**

## **OWNER**

**City of Rialto, CA**

**150 S. Palm Ave**

**Rialto, CA 92376**

**Contact: Toyasha Sebbag**

**Phone: 909-820-2525 x2062**

## **PROJECT CONSULTANT**

**Dopudja and Wells Consulting**

**6789 Quail Hills Parkway # 421**

**Irvine, CA 92603**

**Contact: Jason Pivovaroff**

**Phone: 562-665-8352**

### **THE PUBLIC RESTROOM COMPANY CUSTOMER APPROVAL**

☐ **APPROVED**

☐ **APPROVED EXCEPT AS NOTED**

☐ **REVISE AS NOTED AND RESUBMIT**

**APPROVED by \_\_\_\_\_ Date \_\_\_\_\_**

**Letter of Transmittal**

To: Toyasha Sebbag  
City of Rialto, CA  
150 S. Palm Ave.  
Rialto, CA 92376

Re: Habitat Nature Center

Date: August 6, 2024

**Please find enclosed:**

|                                     |                             |
|-------------------------------------|-----------------------------|
| <input checked="" type="checkbox"/> | Design Drawings             |
| <input type="checkbox"/>            | Plans                       |
| <input type="checkbox"/>            | Specifications              |
| <input type="checkbox"/>            | Color Selection<br>Schedule |

|                                     |                       |
|-------------------------------------|-----------------------|
| <input checked="" type="checkbox"/> | Cover Letter          |
| <input type="checkbox"/>            | Utility Location Plan |
| <input type="checkbox"/>            | Bid Plan Pages        |
| <input type="checkbox"/>            | <b>Other:</b>         |

|                          |              |
|--------------------------|--------------|
| <input type="checkbox"/> | Change Order |
| <input type="checkbox"/> | Samples      |
| <input type="checkbox"/> | Color Charts |

| Qty | Description                             |
|-----|-----------------------------------------|
| 1   | Cover Letter                            |
| 1   | Design Drawings for review and approval |
|     |                                         |
|     |                                         |
|     |                                         |
|     |                                         |
|     |                                         |

Please contact us if you have any questions.



Mike Meglen – Project Coordinator  
For – Chris Gaughan – Regional Sales Manager  
Phone: (888) 888-2060  
Fax: (888) 888-1448  
[meglen@publicrestroomcompany.com](mailto:meglen@publicrestroomcompany.com)  
[chrisg@publicrestroomcompany.com](mailto:chrisg@publicrestroomcompany.com)

August 6, 2024

Toyasha Sebbag  
City of Rialto, CA  
150 S. Palm Ave.  
Rialto, CA 92376

**RE: Design Approval Submittal for Habitat Nature Center Restroom / Community Building**

Dear Toyasha Sebbag,

Enclosed please find the Design Approval Submittal for your review and approval. This approval will allow us to continue with the final construction drawings needed to submit to the State to maintain our timeline for delivery of this project.

Please check the appropriate approval box, sign, date, and return one copy.

**Note that these documents are not for construction and not for local jurisdiction review.**

Upon receipt and approval of the above items, we will submit drawings to the State Department of Housing and Community Development for approval and then forward you the stamped plans with full engineering calculations, which are designed to be used to obtain the site permits for the project.

Thank you in advance for your prompt reply to this submittal.

Respectfully,



Mike Meglen – Project Coordinator  
For: Chris Gaughan – Regional Sales Manager  
Phone: (888) 888-2060  
Fax: (888) 888-1448  
[meglen@publicrestroomcompany.com](mailto:meglen@publicrestroomcompany.com)  
[chrisg@publicrestroomcompany.com](mailto:chrisg@publicrestroomcompany.com)

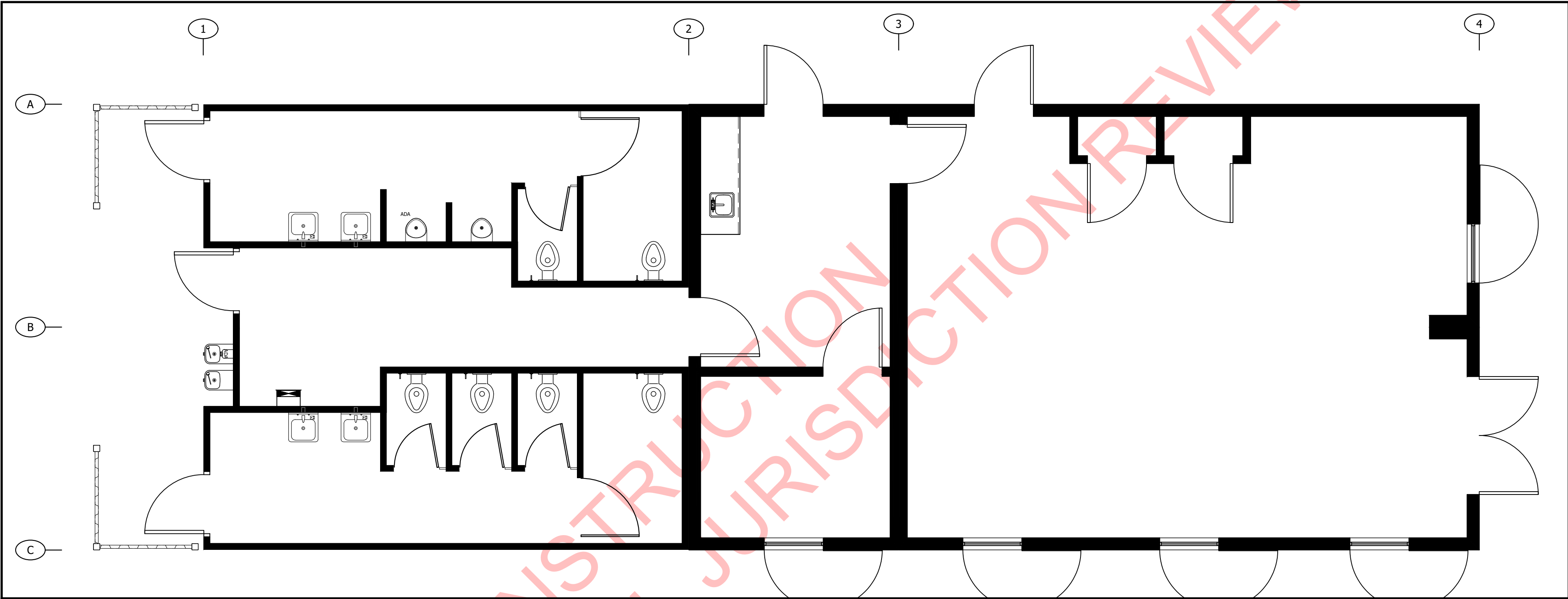
# Restroom / Community Room Building

## Habitat Nature Center

501 E. Santa Ana Ave., Bloomington, CA 92316

### Code Compliance

|                       |                                                                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicable Codes:     | California Title 24<br>2022 California Building Code<br>2022 California Electrical Code<br>2022 California Plumbing Code<br>2022 California Mechanical Code<br>2022 California Green Building Standards Code<br>2022 California Energy Code |
| Type of Construction: | VB                                                                                                                                                                                                                                          |
| Description:          | Park Restroom / Community Room                                                                                                                                                                                                              |
| Occupancy:            | U (w/ Accessibility Provisions)                                                                                                                                                                                                             |
| Occupant Load:        | -                                                                                                                                                                                                                                           |
| Floor Area:           | 1477 - square feet                                                                                                                                                                                                                          |
| Gross Wall Area:      | 1403 - square feet                                                                                                                                                                                                                          |
| Climate Zone:         | 10                                                                                                                                                                                                                                          |
| PRC Project Number:   | 11855                                                                                                                                                                                                                                       |



### Index to Drawing

|       |                                                               |
|-------|---------------------------------------------------------------|
| T-1   | Title Sheet.                                                  |
| AC    | Accessibility Compliance.                                     |
| A-0.1 | Structural Design, Door Schedule.                             |
| A-1   | Floor Plan.                                                   |
| A-1.1 | Sections.                                                     |
| A-2   | Exterior Elevations, Exterior Finish Schedule.                |
| A-3   | Interior Layout.                                              |
| A-3.1 | Interior Elevations, Interior Finish & Accessories Schedules. |
| P-1   | Plumbing Plan & Information.                                  |
| E-1   | Electrical Plan & Information.                                |
| S-1   | Slab Plan.                                                    |

### General Notes

- The structural design details herein are specific to the building size and module configuration shown on the floor plan of these drawings.
- This building will be sited a minimum of 10 feet from all property lines and 10 feet from any assumed property lines between existing structures on site.
- Thermal envelope requirements not applicable due to the building being unconditioned.
- ADA Accessibility to this structure shall be in conformance with local code including all pathways, ramps and paths of travel from parking to building
- Soil bearing requirement is 1500 psf, subGRADE Compaction at 90%.
- Building plumbing system is based upon full flow existing water service. Loss of required flow rate of 10 gpm or pressure below 35 psi may necessitate an intermediate well tank and check valve in line.
- Project close out documentation including, but not limited to, applicable calculations, energy compliance reports, fenestration NFRC rating certificates and O & M manuals is required to be delivered to the building owner within 90 days of their receipt of the certificate of occupancy.

### Project Information

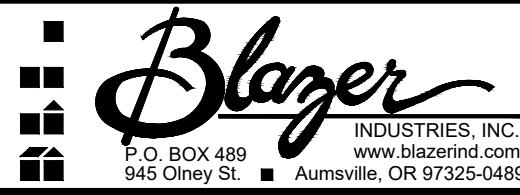
Certified Manufacturer:  
**BLAZER INDUSTRIES, Inc.**  
PO Box 489  
Aumsville, OR 97325  
Contact: Jamie Holmes  
Phone: (503) 749-1900  
Fax: (503) 749-3969  
E-mail: james@blazerind.com

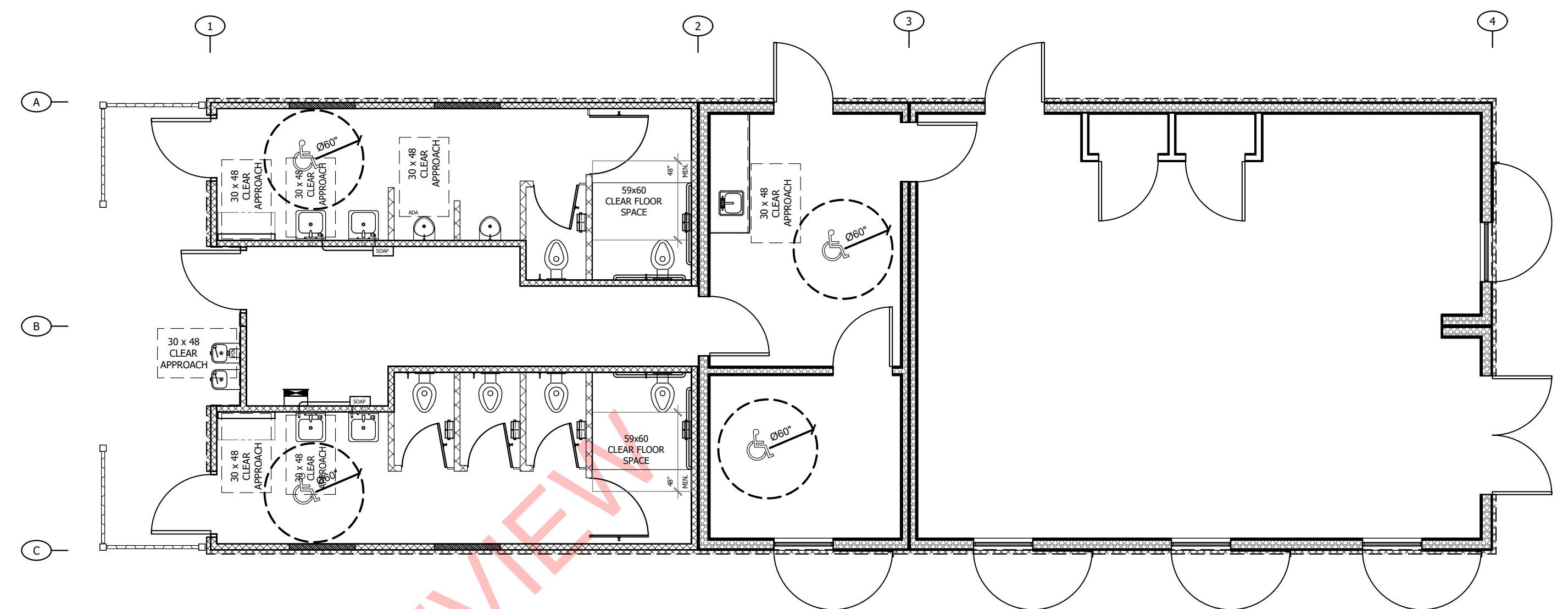
Building Engineer:  
**Rock Shetler, P.E.**  
**Blazer Industries, Inc.**  
PO Box 489  
Aumsville, OR 97325  
Phone: (503) 749-1900  
E-mail: rock@blazerind.com

Project Owner:  
**City of Rialto, CA**  
150 S. Palm Ave.  
Rialto, CA 92376  
Contact: Shanita Simmons  
Phone: (909) 820-2570  
Email: procurement@rialto.ca.gov  
Owner Title: Purchasing Manager

Designer / Dealer:  
**PUBLIC RESTROOM COMPANY**  
2587 Business Parkway  
Minden, NV 89423  
Contact: Chad Kaufman  
Phone: (888) 888-2060  
Fax: (888) 888-1448  
Email: Chad@publicrestroomcompany.com  
www.publicrestroomcompany.com

PRELIMINARY  
NOT FOR CONSTRUCTION

|      |      |          |    |      |      |          |    |                                                                                       |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                |                                                                         |                                    |                                                                                          |                                    |
|------|------|----------|----|------|------|----------|----|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|
| DATE | REV# | REVISION | BY | DATE | REV# | REVISION | BY |  | <small>COPYRIGHT 2024, BLAZER INDUSTRIES, INC. AND PUBLIC RESTROOM COMPANY. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF BLAZER INDUSTRIES, INC. AND PUBLIC RESTROOM COMPANY AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY THE WRITTEN PERMISSION OF BLAZER INDUSTRIES OR PUBLIC RESTROOM COMPANY.</small> | <br><small>Building Better Places To Go.<br/>Ph: 888-888-2060   Fax: 888-888-1448</small> | PROJECT NAME & LOCATION:<br><b>Habitat Nature Center<br/>Rialto, CA</b> | SHEET TITLE:<br><b>TITLE SHEET</b> | Approved for Const:<br>File Copy:<br>Drawn By: <i>NJP</i><br>Issue Date: <i>08-06-24</i> | Job No: <i>20541</i><br><b>T-1</b> |
|------|------|----------|----|------|------|----------|----|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|



## FIXTURE APPROACH & TURNING RADIUS

$$3/16'' = 1'-0''$$

PRELIMINARY  
NOT FOR CONSTRUCTION

NOTES:

4-ACCESSORIES MOUNTING HEIGHT:  
CAL. CBC, 2022

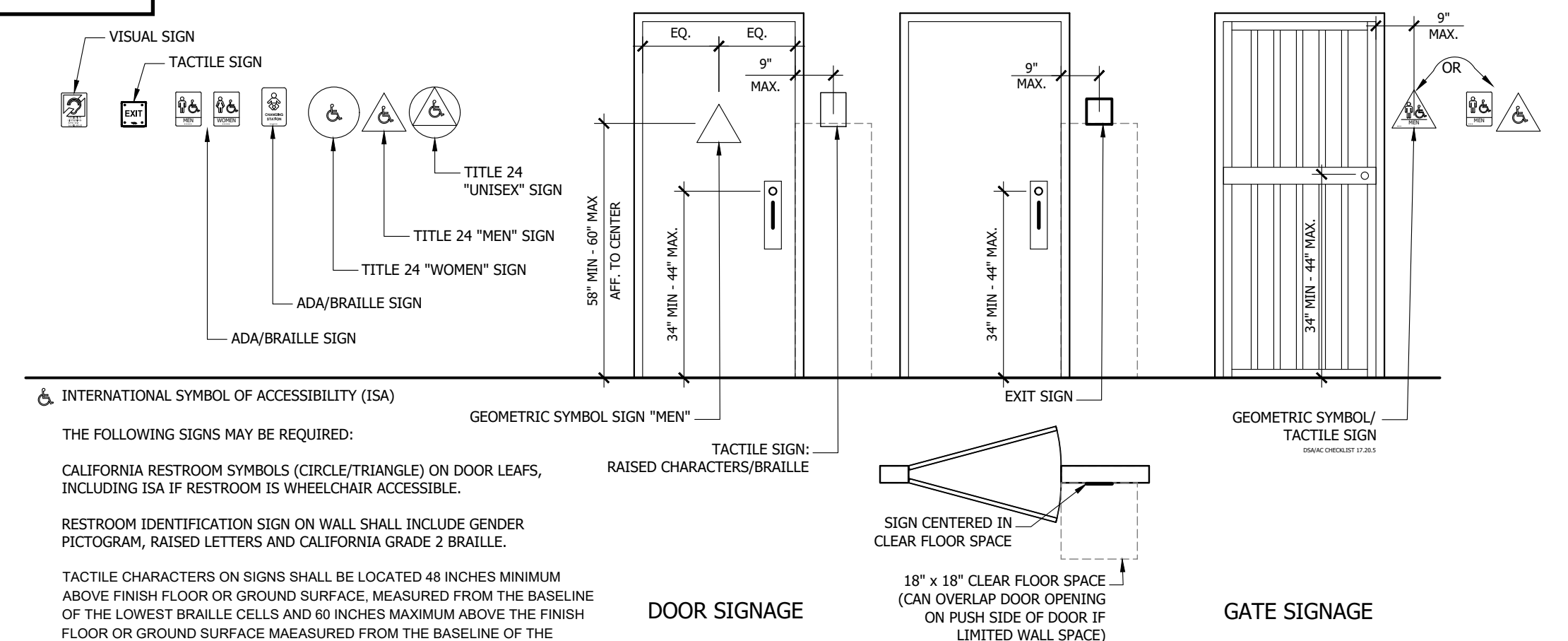
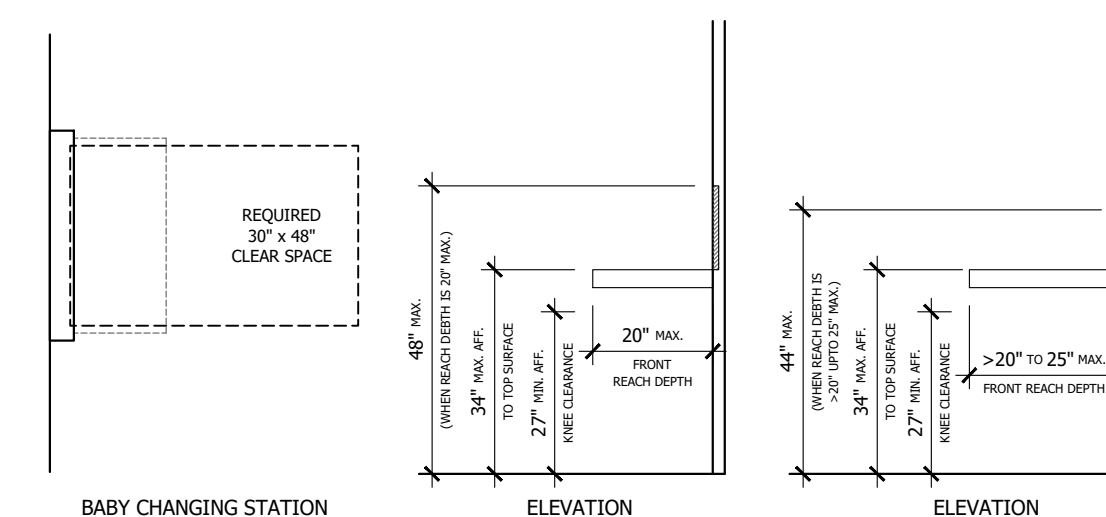
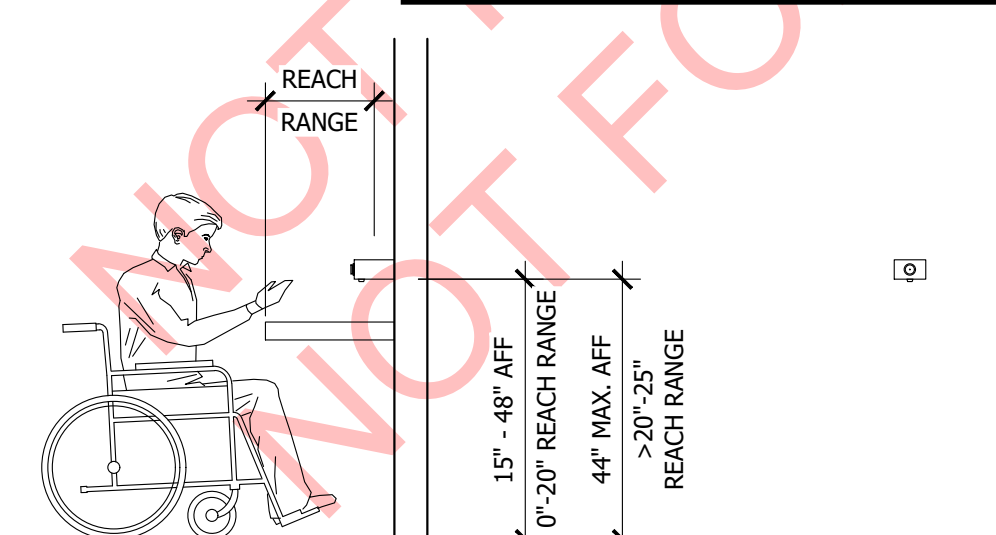
NOTE: SPACE BETWEEN GRAB BAR AND WALL OR ANY OBSTRUCTION TO BE 1 1/2" CLEAR.  
GRAB BAR DIAMETER TO BE 1 1/4" TO 1 1/2".  
GRAB BAR MUST BE ABLE TO SUPPORT 250 lb POINT LOAD AND NOT ROTATE WITHIN THE FITTINGS.

8-SIGNS AT DOORS AND GATES: CAL, CBC, 2022

NOTE: SPACE BETWEEN GRAB BAR AND WALL OR ANY OBSTRUCTION TO BE 1 1/2" CLEAR.  
GRAB BAR DIAMETER TO BE 1 1/4" to 1 1/2".  
GRAB BAR MUST BE ABLE TO SUPPORT 250 lb POINT LOAD AND NOT ROTATE WITHIN THE FITTINGS.

|                                                                           |                             |
|---------------------------------------------------------------------------|-----------------------------|
|                                                                           | CODE SUMMARY HEIGHT AFF/LOC |
| TO TOP OF OPERABLE SURFACE<br>w/ OBSTRUCTION UP TO 20"                    | 15"-48" AFF                 |
| TO TOP OF OPERABLE SURFACE<br>w/ OBSTRUCTION >20" BUT NO<br>MORE THAN 25" | 44" MAX AFF                 |
| APPROACH                                                                  | 30" x 48"                   |

NOTE: D.F. ACTIVATOR TO BE WITHIN 6" OF FRONT EDGE OF D.F.



[illegible]

NOTE: DOOR HARDWARE SHALL BE COMPLIANT WITH 2022 CBC SECTION 11B-404.2.7

- 
- Diagram illustrating four types of doors with their corresponding counts:
- MEN (1)
  - WOMEN (1)
  - MECH (2)
  - LOBBY (3)

- 
- Diagram 4: A single fire door with a handle. A red 'X' is drawn over the door, indicating it is not compliant. Below the door is the text "COMMUNITY ROOM" and a circled number "4".
- Diagram 5: A double fire door with a handle. Below the door is the text "COMMUNITY ROOM" and a circled number "5".
- Diagram 6: A window shutter with a handle. Below the shutter is the text "WINDOW SHUTTER" and a circled number "6".

- 

- 
- CLOSET
- WINDOW
- DOORS VIEWED FROM EXT. SIDE

- DOORS VIEWED FROM EXT. SIDE

- DOORS VIEWED FROM EXT. SIDE

a) ALL DOOR HARDWARE TO HAVE SS/SATIN CHROME/ALUMINUM TYPE FINISH.

b) ALL DOORS TO BE PREPPED FOR 2 1/2" BACKSET LOCKS UNLESS NOTED OTHERWISE.

c) KEY ALL DOORS ALIKE - PROVIDE 2 KEYS PER DOOR.

d) DOOR CLOSER OPEN DEGREE TO BE 180 UNLESS NOTED OTHERWISE.

e) DOORS INSTALLED AT THE FACTORY ARE SET FOR COMPLIANCE WITH DOOR CLOSING SPEED, DUE TO CHANGES DURING CLIENT SHIPPING OR CLIMATE. IT IS REQUIRED THAT ALL DOORS BE RETESTED AND ADJUSTED AS NECESSARY ON-SITE BY OTHERS TO ENSURE THEY MAINTAIN COMPLIANCE. [118-044.2.8]

f) DOORS INSTALLED AT THE FACTORY ARE SET FOR COMPLIANCE WITH DOOR OPENING FORCE, DUE TO CHANGES DURING CLIENT SHIPPING OR CLIMATE. IT IS REQUIRED THAT ALL DOORS BE RETESTED AND ADJUSTED AS NECESSARY ON-SITE BY OTHERS TO ENSURE THEY MAINTAIN COMPLIANCE. [118-044.2.9]

| COMPONENT                           | GENERIC DESCRIPTION | SPECIFIC MATERIAL LIST                                                             | NOTES  |
|-------------------------------------|---------------------|------------------------------------------------------------------------------------|--------|
| FOUNDATION / FLOOR DECK:            |                     |                                                                                    |        |
| CONCRETE SLAB                       |                     |                                                                                    | #1     |
| PERIMETER FRAMEWORK                 | STRUCTURAL STEEL    | L6x6x5/16 (ASTM A36)                                                               |        |
| REINFORCEMENT                       | REBAR MAT DESIGN    | #4 MIN. ASTM GRADE 60                                                              |        |
| CONCRETE (LIGHT WEIGHT)             | 8" MAT DESIGN       | CUSTOM 4000 psi. (DESIGN BASIS IS 2500 psi.)                                       |        |
|                                     |                     | @ ALCOVE ONLY - INTEGRAL ADDITIVES FOR MOISTURE, STAINING, & CORROSION RESISTANCE. |        |
| WALLS:                              |                     |                                                                                    |        |
| FRAMING (EXT) MODS '01'-'02':       |                     |                                                                                    |        |
| TO 7'-4"                            | CMU BLOCK           | 4" PRECISION CONCRETE BLOCK                                                        | PG A-2 |
| CAP BEAM                            | STEEL               | HSS6x4x1/8" (ASTM A500 GRADE C)                                                    |        |
| ABOVE 7'-4" OR CAP BEAM             | 2x3 WOOD            | 2x3 DF STUDS @ 16"oc.; 2x3 PT BOTTOM PLATE                                         |        |
| FRAMING (INT) MODS '01'-'02':       |                     |                                                                                    |        |
| TO 7'-4"                            | CMU BLOCK           | 4" PRECISION CONCRETE BLOCK                                                        |        |
| CAP BEAM                            | STEEL               | HSS6x4x1/8" & HSS4x4x1/8" (ASTM A500 GRADE C)                                      |        |
| ABOVE 7'-4" OR CAP BEAM             | 2x3 WOOD            | 2x3 DF STUDS @ 16"oc.; 2x3 PT BOTTOM PLATE                                         |        |
| SHEATHING (ABOVE CAP BEAM)          |                     |                                                                                    |        |
| ALL FRAMED WALLS (BOTH SIDES)       | 7/16" OSB           | 7/16" APA RATED SHEATHING                                                          | #2     |
| FRAMING (EXT) MODS '03'-'05':       |                     |                                                                                    |        |
| FULL HEIGHT                         | 2x6 WOOD            | 2x6 DF STUDS @ 16"oc.; 2x6 PT BOTTOM PLATE                                         |        |
| FRAMING (INT) MODS '03'-'05':       |                     |                                                                                    |        |
| FULL HEIGHT                         | 2x4 WOOD            | 2x4 DF STUDS @ 16"oc.; 2x4 PT BOTTOM PLATE                                         |        |
| SHEATHING                           |                     |                                                                                    |        |
| EXT. SIDE OF EXT WALLS TO 48"       | 1/2" PT PLYWOOD     | 1/2" PT PLYWOOD                                                                    |        |
| EXT. SIDE OF EXT WALLS ABOVE 48"    | 1/2" CDX PLYWOOD    | 1/2" CDX PLYWOOD                                                                   |        |
| BEHIND SHEETROCK & ON MODLINE WALLS | 7/16" OSB           | 7/16" APA RATED SHEATHING                                                          |        |
| ROOF:                               |                     |                                                                                    |        |
| RAFTERS                             | 2x8 WOOD            | 2x8 DF #2 @ 24" oc.                                                                |        |
| RIDGEBEAM                           | GLULAM              | 3 1/2" x 12" 24F-V4 TAPERED ONE SIDE                                               |        |
| SHEATHING (TOP OF RAFTER)           | 5/8" PLYWOOD        | 19/32 APA RATED (40/20)                                                            |        |
| INSULATION TOP                      | RIGID INSULATION    | 3" & 4" LAYERS OF RIGID FOAM                                                       |        |
| SHEATHING (BOTTOM OF RAFTER)        | 5/8" OSB            | 19/32 APA RATED (40/20)                                                            | #3     |
| FASCIA                              | STEEL               | 16 ga. FORMED STEEL                                                                |        |

**NOTES:**

1. COAT WITH ADDITIVE FOR URINE AND MOISTURE RESISTANCE.
2. PAINT WALL SHEATHING FOR MOISTURE PROTECTION (ONE SIDE).
3. SEE INTERIOR FINISH SCHEDULE FOR FINISHED CEILING CALLOUT.

PRELIMINARY  
NOT FOR CONSTRUCTION

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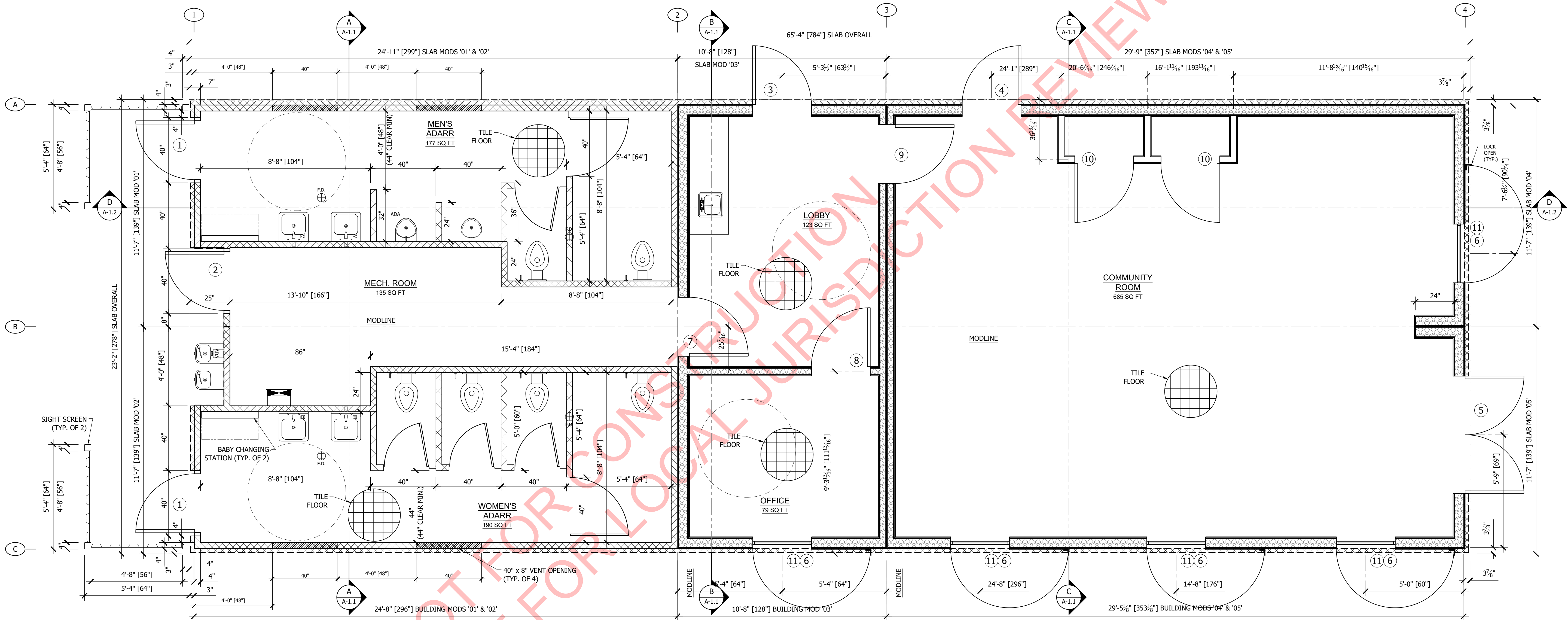
PROJECT NAME & LOCATION:  
**Habitat Nature Center**  
**Rialto, CA**

SHEET TITLE:

**FLOOR PLAN & DOOR  
& DESIGN SCHEDULES**

|                     |         |       |          |
|---------------------|---------|-------|----------|
| Approved for Const. | Job No: | 20541 |          |
| File Copy:          | A-0.1   |       |          |
| Drawn By:           |         |       | NJP      |
| Issue Date:         |         |       | 08-06-24 |

R:\2024 Drawings\Restroom Buildings\20541 Habitat Nature Center - CA\20541 Habitat Nature Center - CA\20541 Habitat Nature Center.dwg, A-1, 8/6/2024 9:12:56 AM



**BUILDING LAYOUT NOTES:**  
1. SLAB SIZE IS SLIGHTLY LARGER THAN BUILDING SIZE.  
2. BUILDING SIZE IS DETERMINED BY INTERIOR DIMENSIONS OF THE RESTROOMS.  
DIMENSIONS ARE FACE OF BLOCK TO FACE OF BLOCK OR FACE OF OSB.  
3. START LAYOUT BY MEASURING 4" IN FROM EDGE OF SLAB (AFTER VERIFYING SLAB IS CORRECT), THIS WILL BE THE INSIDE FACE OF THE EXTERIOR BLOCK WALLS.

## FLOOR PLAN

3/8" = 1'-0"

PRELIMINARY  
NOT FOR CONSTRUCTION

| DATE | REV# | REVISION | BY | DATE | REV# | REVISION | BY |
|------|------|----------|----|------|------|----------|----|
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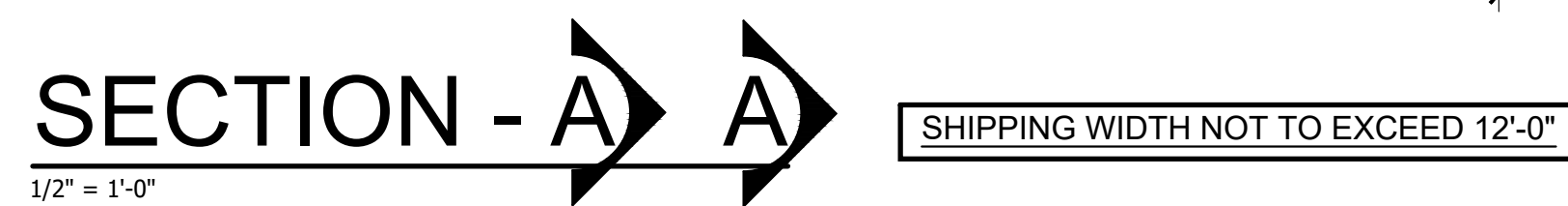


PROJECT NAME & LOCATION:  
**Habitat Nature Center  
Rialto, CA**

SHEET TITLE:  
**FLOOR PLAN & DOOR  
& DESIGN SCHEDULES**

|                     |          |
|---------------------|----------|
| Approved for Const: | Job No:  |
| File Copy:          | 20541    |
| Drawn By:           | NJP      |
| Issue Date:         | 08-06-24 |

**A-1**



|                     |          |       |
|---------------------|----------|-------|
| Approved for Const: | Job No:  | 20541 |
| File Copy:          | A-1.1    |       |
| Drawn By:           |          |       |
| Issue Date:         |          |       |
|                     | NJP      |       |
|                     | 08-06-24 |       |

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PROJECT NAME & LOCATION:  
**Habitat Nature Center**  
**Rialto, CA**

|              |                 |
|--------------|-----------------|
| SHEET TITLE: | <b>SECTIONS</b> |
|--------------|-----------------|

|                      |         |       |
|----------------------|---------|-------|
| Approved for Const:  | Job No: | 20541 |
| File Copy:           | A-1.1   |       |
| Drawn By: NJP        |         |       |
| Issue Date: 08-06-24 |         |       |



# A-1.2

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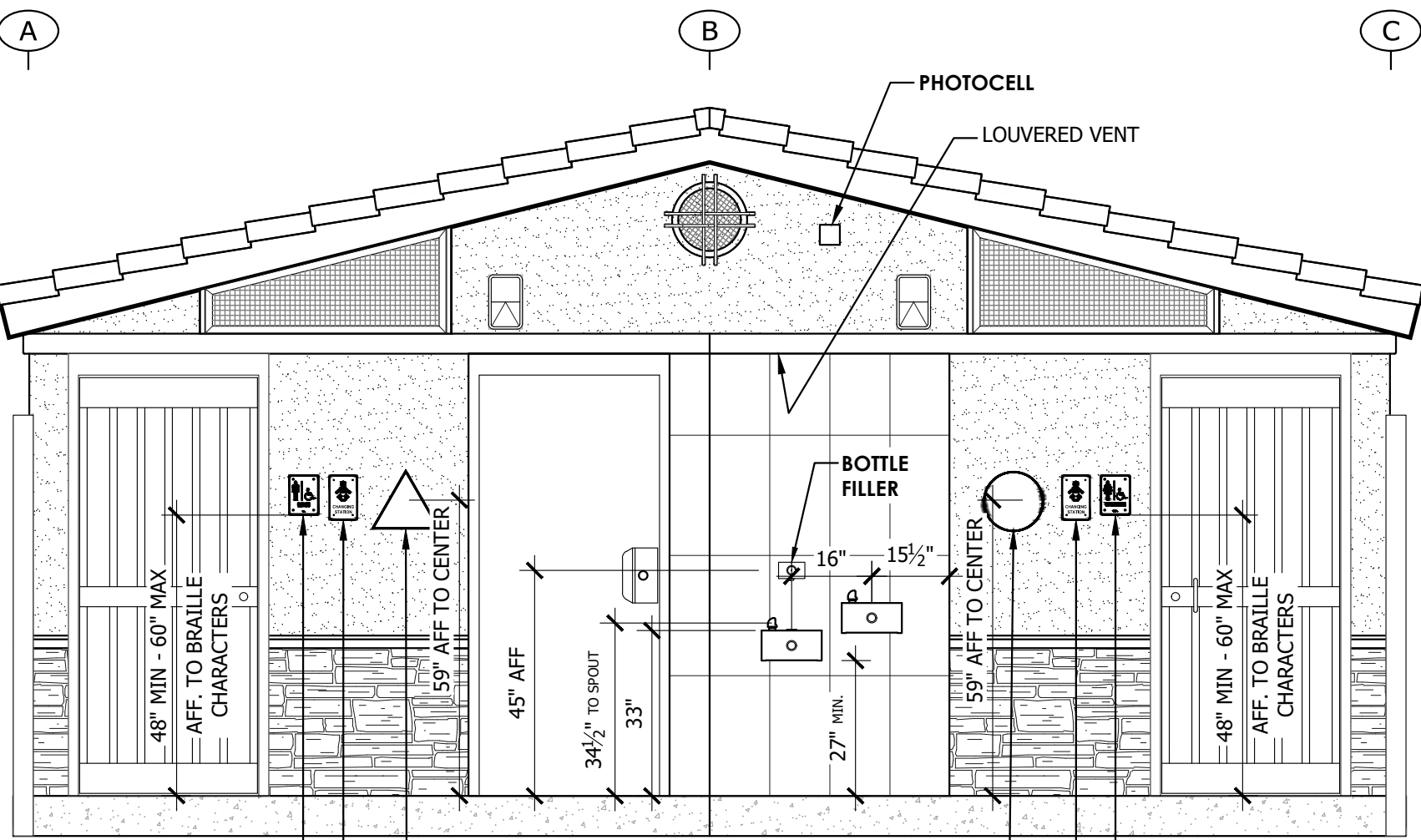
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**Habitat Nature Center**  
**Rialto, CA**

SHEET TITLE: **SECTIONS**

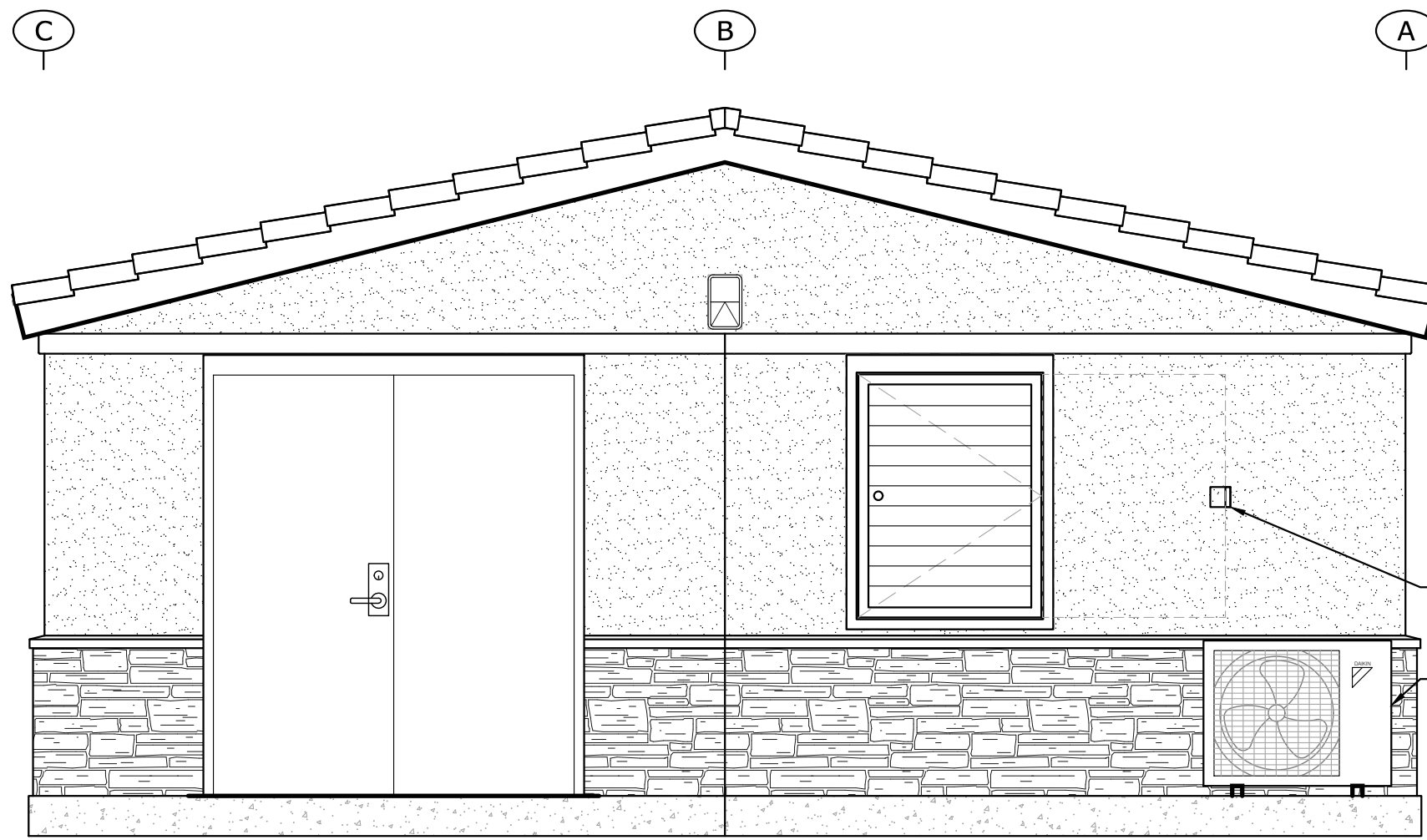
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| Approved for Const: |          |
| File Copy:          |          |
| Drawn By:           | NJP      |
| Issue Date:         | 08-06-24 |



ADA TACTILE "MEN" SIGN  
ADA TACTILE "BABY CHANGING STATION" SIGN  
CA TITLE 24 GEOMETRIC SIGN  
ADA TACTILE "WOMEN" SIGN  
ADA TACTILE "BABY CHANGING STATION" SIGN

### WALL 1

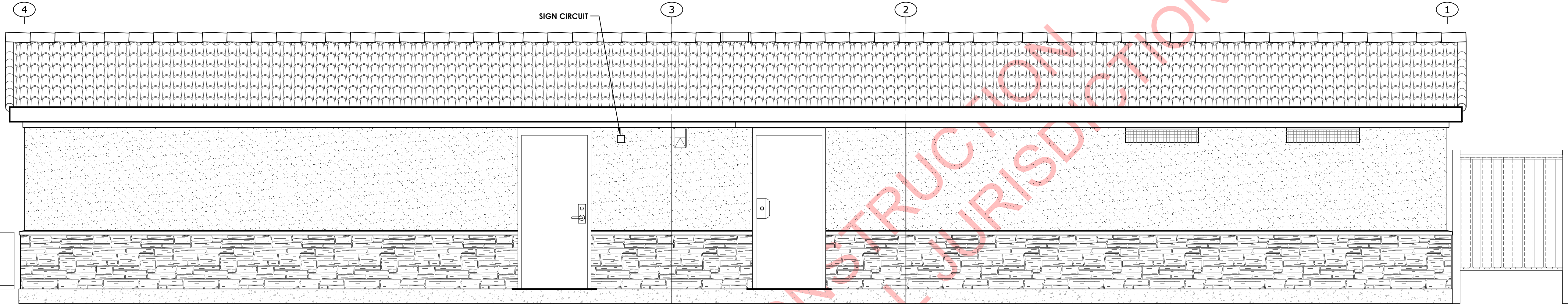
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### WALL 4

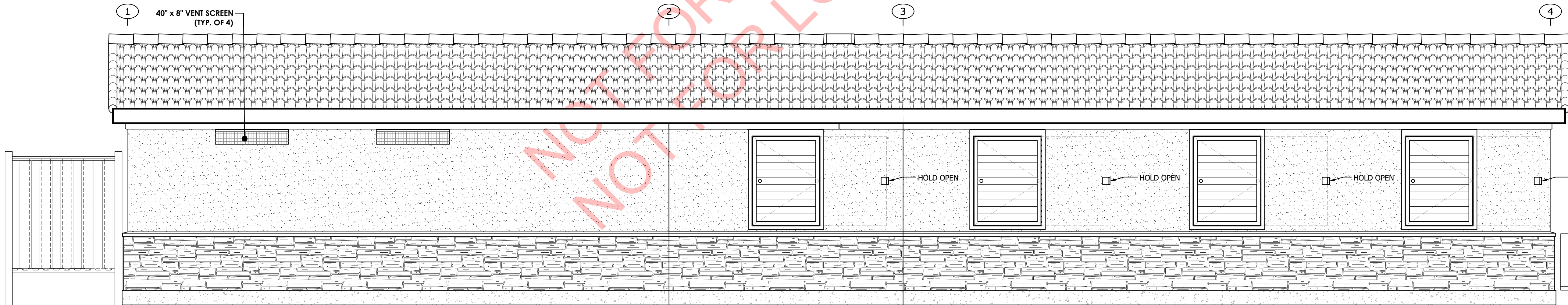
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| EXTERIOR FINISH SCHEDULE       |                                                            |                                                      |
|--------------------------------|------------------------------------------------------------|------------------------------------------------------|
|                                | DESCRIPTION                                                | FINISH                                               |
| WALLS                          |                                                            |                                                      |
| WAINSCOT TO WATER TABLE        | CULTURED STONE (OVER GALV LATH & 30# FELT @ MODS '03-'05') | 2 COATS SEALER                                       |
| WATER TABLE (TOP @ 32")        | CULTURED STONE                                             | 2 COATS SEALER                                       |
| 32" TO 7'-4"                   | STUC-O-FLEX OVER CMU PRECISION BLOCK                       | 1 COAT PRIMER, 2 COATS PAINT                         |
| SIGHT SCREENS                  | B-DECK METAL                                               | 1 COAT PRIMER, 2 COATS PAINT                         |
| WALL VENTS                     | STAINLESS STEEL WIRE MESH (1"x1"x3/16")                    | 1 COAT PRIMER, 2 COATS PAINT                         |
| VENT SUPPORT                   | STAINLESS STEEL CHANNEL                                    | TOP ONLY                                             |
| ALCOVE BACK AND SIDE WALLS     | TILE - 12 x 24                                             |                                                      |
| CAP BEAM                       | STEEL                                                      | 1 COAT PRIMER, 2 COATS PAINT                         |
| ABOVE CAP BEAM                 |                                                            |                                                      |
| GABLE SIDING                   | STUC-O-FLEX OVER SMOOTH FRC OVER BUILDING WRAP             | 1 COAT PRIMER, 2 COATS PAINT                         |
| GABLE VENTS                    | STAINLESS STEEL WIRE MESH (1"x1"x3/16")                    |                                                      |
| VENT SUPPORT ANGLE             | MILD STEEL                                                 |                                                      |
| VENT SURROUND                  | 5/4 x 6 FRC                                                | 1 COAT PRIMER, 2 COATS PAINT                         |
| SIDING MODS '03-'05' ABOVE 32" | STUC-O-FLEX OVER SMOOTH FRC OVER BUILDING WRAP             | 1 COAT PRIMER, 2 COATS PAINT                         |
| FAUX CAPBEAM @ MODS '03-'05'   | 5/4 x 6 FRC RIPPED TO 4"                                   | 1 COAT PRIMER, 2 COATS PAINT                         |
| DECORATIVE MEDALLION           | STEEL                                                      | POWDER COAT                                          |
| CAULK (SITE INSTALL)           | MODLINE w/ BACKER ROD AS REQUIRED, WHERE APPLICABLE        | WHERE APPLICABLE                                     |
| LOUVERED VENT                  | 1 EXTERIOR                                                 |                                                      |
| ROOF                           |                                                            |                                                      |
| ROOFING                        | DEGRA - VILLA TILE METAL ROOFING                           | NOTE: OVER SINGLE LAYER PEEL & STICK HT UNDERLAYMENT |
| RIDGE CAP (SITE INSTALLED)     | METAL                                                      | TILE INSTALLED ON SITE                               |
| SOFFITS                        | JAMES HARDIE - FRC MOUNDED SAND PATTERN                    | 1 COAT PRIMER, 2 COATS PAINT                         |
| FASCIA                         | 16ga FORMED METAL (L SHAPED)                               | 1 COAT PRIMER, 2 COATS PAINT                         |
| DOORS                          |                                                            |                                                      |
| ALL DOORS AND FRAMES           | GALVANIZED HOLLOW METAL                                    | 1 COAT PRIMER, 2 COATS PAINT                         |
| GATES                          | MILD STEEL                                                 |                                                      |



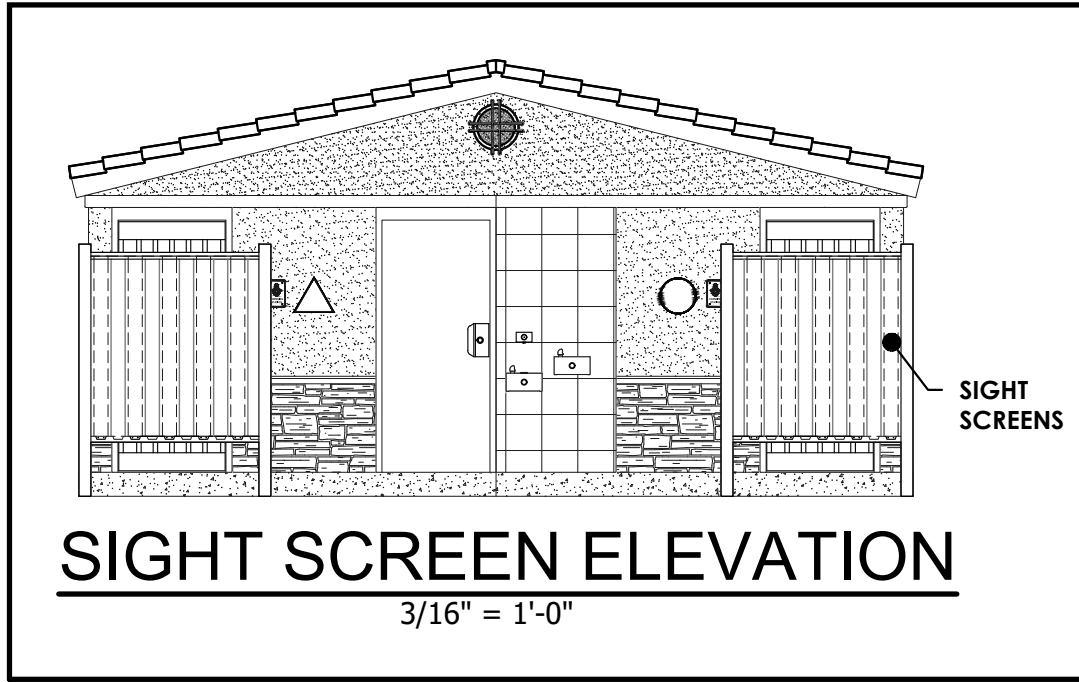
### WALL C

GWA= \_\_ sf



### WALL A

GWA= \_\_ sf



### SIGHT SCREEN ELEVATION

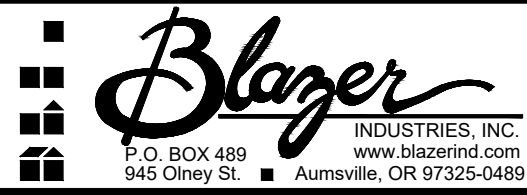
3/16" = 1'-0"

## EXTERIOR ELEVATIONS

3/8" = 1'-0"

PRELIMINARY  
NOT FOR CONSTRUCTION

| DATE | REV# | REVISION | BY | DATE | REV# | REVISION | BY |
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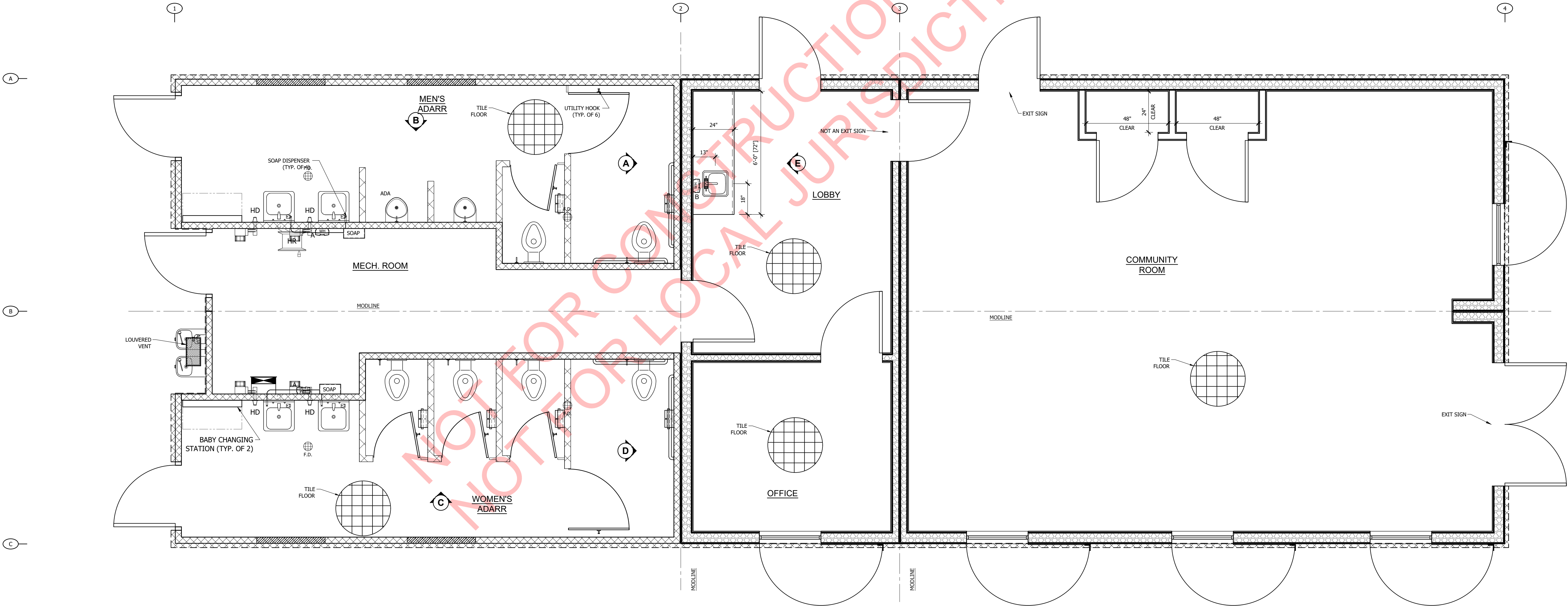
PROJECT NAME & LOCATION:  
**Habitat Nature Center**  
**Rialto, CA**

SHEET TITLE:  
**EXTERIOR ELEVATIONS & EXT. FINISH SCHEDULE**

|                     |          |
|---------------------|----------|
| Approved for Const: | Job No:  |
| File Copy:          | 20541    |
| Drawn By:           | NJP      |
| Issue Date:         | 08-06-24 |

A-2

| INTERIOR FINISH SCHEDULE        |                                       |                               |                                                        |                                            | ACCESSORIES                                                                                                                                                                                                                                                                                 |     |                         |                            |                                 |                                     |
|---------------------------------|---------------------------------------|-------------------------------|--------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------|----------------------------|---------------------------------|-------------------------------------|
|                                 | DESCRIPTION                           | FINISH                        | BRAND / COLOR                                          | NOTES                                      | MOUNT WITH VANDAL RESISTANT SS SCREWS.                                                                                                                                                                                                                                                      |     |                         |                            |                                 |                                     |
| FLOOR:                          |                                       |                               |                                                        |                                            | DESCRIPTION                                                                                                                                                                                                                                                                                 | QTY | SIZE/STYLE              | MANUFACTURER/ITEM #        | FINISH / COLOR / STYLE          | NOTES                               |
| ALL ROOMS EXCEPT MECH. & ALCOVE | TILE                                  | 6 x 6 QUARRY TEXTURES         | DALTILE                                                |                                            | GRAB BAR                                                                                                                                                                                                                                                                                    | 2   | 42"                     | ADA COMPLIANT              | S.S.                            | 34" A.F.F. TO CENTER                |
| COVE BASE                       | TILE                                  | 5 x 6 QUARRY TEXTURES         | DALTILE                                                |                                            | GRAB BAR                                                                                                                                                                                                                                                                                    | 2   | 48"                     | ADA COMPLIANT              | S.S.                            | 34" A.F.F. TO CENTER                |
|                                 | GROUT                                 | EPOXY (2-PART)                | KERAPOXY                                               |                                            | SIGNS:                                                                                                                                                                                                                                                                                      |     |                         |                            |                                 |                                     |
| MECHANICAL                      | CONCRETE                              | SMOOTH FINISH w/ 2 PART EPOXY | EPOXY CROWN OR EQUAL PRO 7072SC w/ MEDIUM GRAY & CHIPS | 2 COATS                                    | ISA <sup>3</sup> GEOMETRIC-MEN'S                                                                                                                                                                                                                                                            | 1   | 12" TRIANGLE            | PRC (H1300)                | ALUMINUM BLUE                   | 59" TO CENTER                       |
| ALCOVE                          | CONCRETE                              | LIGHT BROOM                   | NATURAL                                                | ADDITIVE FOR 95% URINE/MOISTURE RESISTANCE | ISA <sup>3</sup> GEOMETRIC-WOMEN'S                                                                                                                                                                                                                                                          | 1   | 12" CIRCLE              | PRC (H1259)                | ALUMINUM BLUE                   | 59" TO CENTER                       |
| WALL:                           |                                       |                               |                                                        |                                            | ADA TACTILE ROOM ID MEN'S                                                                                                                                                                                                                                                                   | 1   | RECTANGULAR 6" x 9"     | PRC (H1200)                | ALUMINUM BLUE                   | 64" TO TOP                          |
| RESTROOM TO 7'-4"               | CMU BLOCK                             | PAINT                         | PITTSBURGH PITT-TECH                                   | 2 COATS BLOCK FILLER, 2 COATS PAINT        | ADA TACTILE ROOM ID WOMEN'S                                                                                                                                                                                                                                                                 | 1   | RECTANGULAR 6" x 9"     | PRC (H1209)                | ALUMINUM BLUE                   | 64" TO TOP                          |
| CAP BEAM                        | STEEL                                 | PAINT                         | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | BABY CHANGING STATION                                                                                                                                                                                                                                                                       | 2   | RECTANGULAR 6" x 9"     | PRC (H1320)                | ALUMINUM BLUE                   | 64" TO TOP                          |
| ABOVE CAP BEAM                  | JAMES HARDIE FRC MOUNDED SAND PATTERN | PAINT                         | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | "THIS IS NOT AN EXIT"                                                                                                                                                                                                                                                                       | 1   |                         |                            | PLASTIC                         |                                     |
| MECHANICAL TO 7'-4"             | CMU BLOCK                             | PAINT                         | PITTSBURGH PITT-TECH                                   | 1 COAT BLOCK FILLER, 1 COAT PAINT          | "EXIT"                                                                                                                                                                                                                                                                                      | 2   |                         |                            | PLASTIC                         |                                     |
| CAP BEAM                        | STEEL                                 | PAINT                         | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | TP HOLDER                                                                                                                                                                                                                                                                                   | 6   | VANDAL RESISTANT 2-ROLL | ROYCE ROLLS CTP-2          | S.S.                            | 30" A.F.F. TO TOP                   |
| ABOVE CAP BEAM                  | OSB                                   | PAINT                         | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | TOILET PARTITION DOOR                                                                                                                                                                                                                                                                       | 6   | PHENOLIC DOORS          | PAPERSTONE                 | SLATE                           |                                     |
| ALL OTHER ROOMS FULL HEIGHT     | SHEETROCK                             | TAPE, TEXTURE, & PAINT        | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | TOILET PARTITION                                                                                                                                                                                                                                                                            | 6   | 4" CMU PRECISION BLOCK  |                            | PITTSBURGH PITT-TECH/PURE WHITE | 2 COATS BLOCK FILLER, 2 COATS PAINT |
| CEILING:                        |                                       |                               |                                                        |                                            | URINAL SCREEN                                                                                                                                                                                                                                                                               | 2   | 4" CMU PRECISION BLOCK  |                            | PITTSBURGH PITT-TECH/PURE WHITE | 2 COATS BLOCK FILLER, 2 COATS PAINT |
| MODS '01' & '02'                | JAMES HARDIE FRC MOUNDED SAND PATTERN | PAINT                         | PITTSBURGH PITT-TECH/PURE WHITE                        | 1 COAT PRIMER, 2 COATS PAINT               | BABY CHANGING STATION                                                                                                                                                                                                                                                                       | 2   | HORIZONTAL              | FOUNDATIONS 200-EH-1       | POLY                            | 28" TO BOTTOM                       |
| MODS '03' - '05'                | SHEETROCK                             | TAPE, TEXTURE, & PAINT        | PITTSBURGH PITT-TECH                                   | 1 COAT PRIMER, 2 COATS PAINT               | HAND DRYER                                                                                                                                                                                                                                                                                  | 4   | REMOTE POWER ELECTRIC   | FASTAIRE HD03 (S)          | ALUMINUM                        | 40" TO CONTROLS (MAX.)              |
| EXPOSED BEAMS                   | GLULAM                                | PAINT                         | PITTSBURGH PITT-TECH/PURE WHITE                        | 1 COAT PRIMER, 2 COATS PAINT               | SOAP DISPENSER                                                                                                                                                                                                                                                                              | 2   | REMOTE RESERVOIR        | CUSTOM                     | S.S.                            |                                     |
|                                 |                                       |                               |                                                        |                                            | SOAP DISPENSER                                                                                                                                                                                                                                                                              | 4   | VALVE                   | AST #353 THRU WALL VALVE   | S.S.                            | 40" TO CONTROLS (MAX.)              |
|                                 |                                       |                               |                                                        |                                            | UTILITY HOOK                                                                                                                                                                                                                                                                                | 6   | SURFACE MOUNT           | BOBRICK B-670              | S.S.                            | 47" TO HOOK (MAX.)                  |
|                                 |                                       |                               |                                                        |                                            | OTHER SPECIALTY ITEMS                                                                                                                                                                                                                                                                       |     |                         |                            |                                 |                                     |
|                                 |                                       |                               |                                                        |                                            | LOUVERED VENT                                                                                                                                                                                                                                                                               | 1   | 16" x 8"                | SUNVENT INDUSTRIES #157 FL | ALUMINUM                        | IN ALCOVE SOFFIT                    |
|                                 |                                       |                               |                                                        |                                            | CABINETS IN LOBBY                                                                                                                                                                                                                                                                           | 1   |                         | CASCADE CASEWORK           | PLASTIC LAMINATE                |                                     |
|                                 |                                       |                               |                                                        |                                            | COUNTER IN LOBBY                                                                                                                                                                                                                                                                            | 1   | 72" x 24"               | CUSTOM                     | PLASTIC LAMINATE                |                                     |
|                                 |                                       |                               |                                                        |                                            | NOTES:<br>1. INTERIOR ELEVATIONS REFLECT ACTUAL DIMENSIONS THAT WILL BE USED. SEE AC SHEET FOR CODE CRITERIA.<br>2. VERTICAL DIMENSIONS ARE FROM TOP OF FINISHED FLOOR UNLESS NOTED OTHERWISE.<br>3. ISA: INTERNATIONAL SYMBOL OF ACCESSIBILITY, REQUIRED SIGNAGE FOR ACCESSIBLE RESTROOMS. |     |                         |                            |                                 |                                     |



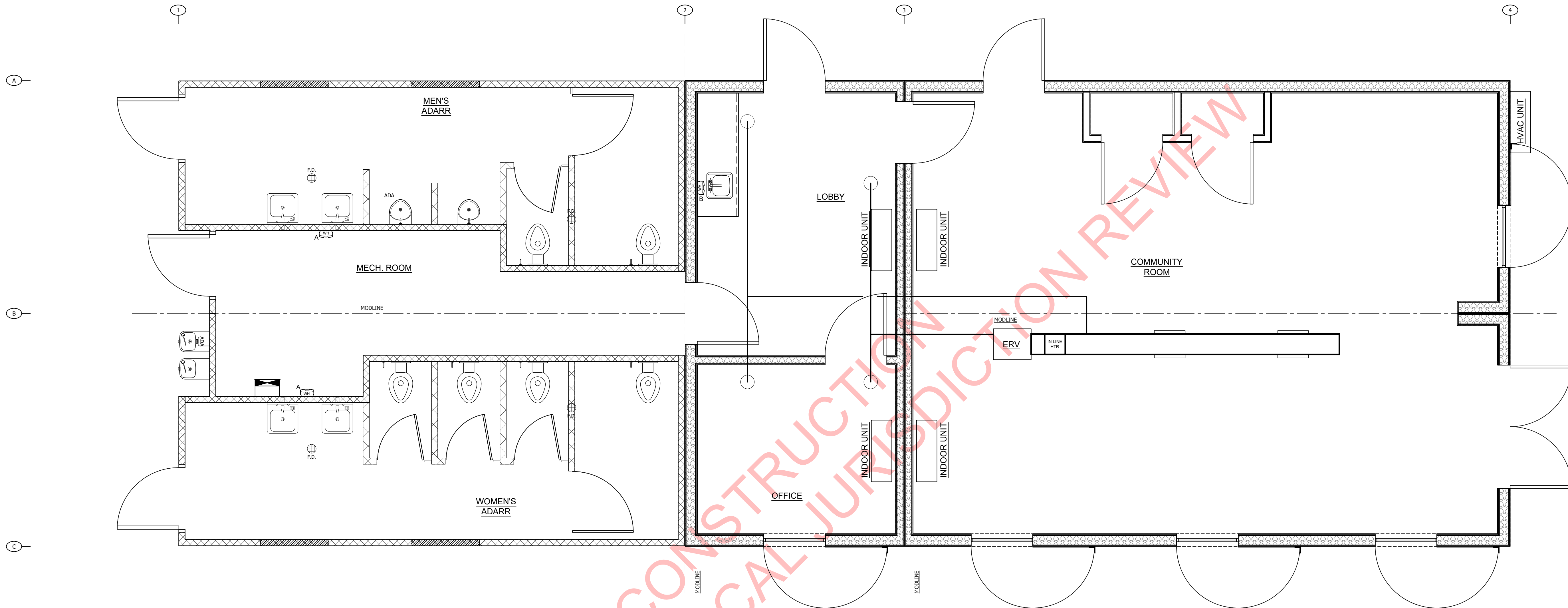
INTERIOR LAYOUT  
1/2" = 1'-0"

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|      |  |      |  |          |  |  |  |  |  |  <p>INDUSTRIES, INC.<br/>www.blazerind.com<br/>P.O. BOX 480<br/>945 Coney St. ■ Aumville, OR 97325-0489</p> |  |      |  |      |  |          |  |  |  | <p>COPYRIGHT 2024, BLAZER INDUSTRIES, INC. AND PUBLIC RESTROOM COMPANY. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF BLAZER INDUSTRIES, INC. AND PUBLIC RESTROOM COMPANY AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY THE WRITTEN PERMISSION OF BLAZER INDUSTRIES OR PUBLIC RESTROOM COMPANY.</p> |  |    |  |      |  |      |  |          |  |  <p>PUBLIC<br/>RESTROOM<br/>COMPANY<br/>Building Better Places To Go<br/>Ph: 888-888-2060   Fax: 888-888-1448</p> |  |  |  |    |  |  |  |  |  | <p>PROJECT NAME &amp; LOCATION:<br/><b>Habitat Nature Center</b><br/><b>Rialto, CA</b></p> |  |  |  |  |  |  |  |  |  | <p>SHEET TITLE:<br/><b>INT ELEVATIONS, LAYOUT,<br/>FINISH &amp; ACC. SCHEDULES</b></p> |  |  |  |  |  |  |  |  |  | <p>Approved for Const:</p> <p>File Copy:</p> <p>Drawn By: <i>NJP</i></p> <p>Issue Date: <i>08-06-24</i></p> |  |  |  |  |  |  |  |  |  | <p>Job No: <i>2024</i></p> <p><b>A-3</b></p> |  |  |  |  |  |  |  |  |  |
| DATE |  | REV# |  | REVISION |  |  |  |  |  | BY                                                                                                                                                                                               |  | DATE |  | REV# |  | REVISION |  |  |  |                                                                                                                                                                                                                                                                                                                                      |  | BY |  | DATE |  | REV# |  | REVISION |  |                                                                                                                                                                                                        |  |  |  | BY |  |  |  |  |  |                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                        |  |  |  |  |  |  |  |  |  |                                                                                                             |  |  |  |  |  |  |  |  |  |                                              |  |  |  |  |  |  |  |  |  |



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PROJECT NAME & LOCATION:  
**Habitat Nature Center**  
**Rialto, CA**

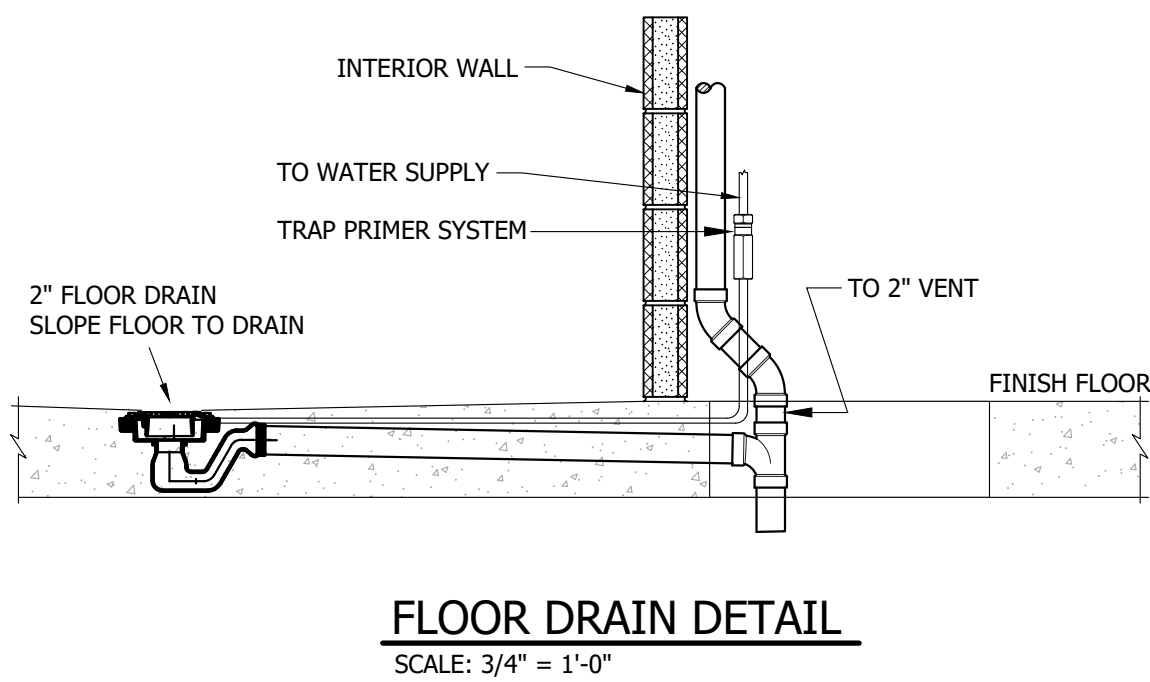
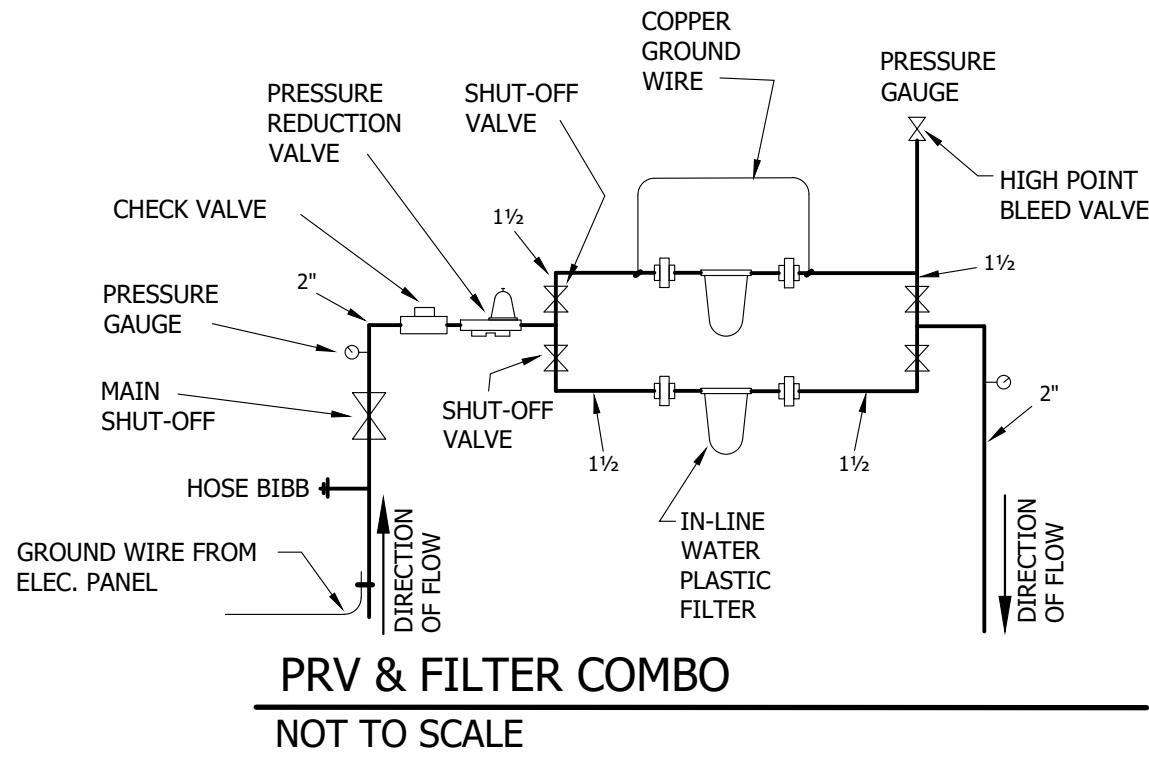
SHEET TITLE:  
**MECHANICAL PLAN**  
**& INFORMATION**

|                     |          |
|---------------------|----------|
| Approved for Const: | Job No:  |
| File Copy:          | 20541    |
| Drawn By:           | NJP      |
| Issue Date:         | 08-06-24 |

**M-1**

| PLUMBING FIXTURE SCHEDULE |                           |                                      |
|---------------------------|---------------------------|--------------------------------------|
| QTY                       | FIXTURE                   | DESCRIPTION                          |
| 6                         | WATER CLOSETS - stainless | ACORN 1675-W-1-HET-FVBO-ADA-1.28-PFS |
| 6                         | TOILET SEAT - black       | BEMIS 1955SSCT 047                   |
| 6                         | FLUSH VALVE - toilet      | ZURN Z615ZAV-HET-7L-MB               |
| 2                         | URINAL - stainless        | ACORN 1709 HEU-W-1-0.125-FVBO        |
| 2                         | FLUSH VALVE - urinal      | ZURN Z6195AV-ULF-7L-MB               |
| 4                         | LAVATORY                  | ACORN 1652 LRB-1-DMS-03-M            |
| 4                         | FAUCET                    | CHICAGO 333-E2805-66SPSHAB           |
| 4                         | MIXING VALVE              | ACORN ST70-12                        |
| 4                         | FLOOR DRAINS              | ZURN ZN4512IP5BP with trap primer    |
| 4                         | TRAP PRIMER               | PROFLO PFTP2500                      |
| 1                         | LAVATORY SINK 15 x 15     | ELKAY BCR15                          |
| 1                         | FAUCET - gooseneck        | A/S 7500.175.002                     |
| 2                         | TANKLESS HEATER - A       | STIEBEL DHC-E 8/10                   |
| 1                         | TANKLESS HEATER - B       | STIEBEL DHC-3-2                      |
| 2                         | DRINKING FOUNTAIN         | HAWS 1109.14                         |
| 1                         | BOTTLE FILLER             | HAWS 1920 w/ 6469 DRIP TRAY          |
| 2                         | WATER FILTER              | KEYSTONE CG10                        |
| 1                         | PRESSURE GAUGE            | PROFLO PFXPG100K (DOWNSTREAM)        |
| 1                         | PRESSURE GAUGE            | FNW XLFG 0200L (UPSTREAM)            |
| 1                         | CHECK VALVE LEADFREE      | 2" NIBCO S-480-Y-LF                  |
| 1                         | PRV VALVE                 | 2" WATTS LF25 AUB                    |
| 1                         | BALL VALVE                | 2" NIBCO NSFP600ALFK                 |
| 1                         | BALL VALVE                | 1" NIBCO NSFP600ALFG                 |
| 1                         | EXPANSION TANK            | PROFLO PFXT5 PREP FOR 26 GAL.        |
| 2                         | HOSE BIBB                 | ACORN 8121-LF - IN MECH. ROOM        |
| 2                         | HAMMER ARESTOR            | SIOUX CHIEF 654-CS                   |
| 1                         | HOSE REEL & 100' HOSE     | STRONGWAY 46434 W/ HOSE 42142        |
|                           | WATER                     | COPPER - HOT & TEMPERED INSULATED    |
|                           | WASTE                     | PVC                                  |
| 1                         | VENT CAP - vandal proof   | SMITH 1748                           |
|                           | CORP STOP                 | BY GC                                |

| PIPE SCHEDULE     |              | PIPE MATERIAL   |                 |                       |                    |                     |
|-------------------|--------------|-----------------|-----------------|-----------------------|--------------------|---------------------|
|                   |              | TYPE "L" COPPER | TYPE "K" COPPER | SCHEDULE 40 PVC WATER | CAST IRON "NO HUB" | SCHEDULE 40 PVC DWV |
| TYPE OF SERVICE   |              |                 |                 |                       |                    |                     |
| WATER             | ABOVE GROUND | ✓               |                 |                       |                    |                     |
|                   | BELOW GROUND |                 | ✓               |                       |                    |                     |
| SANITARY DRAINAGE | ABOVE GROUND |                 |                 |                       |                    | ✓                   |
|                   | BELOW GROUND |                 |                 |                       |                    | ✓                   |
| SANITARY VENT     | ABOVE GROUND |                 |                 |                       |                    | ✓                   |
|                   | BELOW GROUND |                 |                 |                       |                    | ✓                   |
|                   | ABOVE ROOF   |                 |                 | ✓                     |                    |                     |



GENERAL NOTES:

- SIZED TO 2022 CALIFORNIA PLUMBING CODE.
- D.W.V. MATERIAL - P.V.C.
- D.W.V. UNDERGROUND MATERIAL - P.V.C OR A.B.S.
- PLUMBING BELOW FLOOR SLAB TO BE PROVIDE AND INSTALLED ON SITE BY OTHERS.
- P-TRAPS ON ACCESSIBLE FIXTURES INSULATED.
- CONTINUATION OF WASTE LINE PROVIDED AND INSTALLED ON SITE BY OTHERS.
- INSTALL GRATES AT FLOOR OPENING.
- FLOOR DRAINS TO HAVE REMOVABLE TRAPS IN MECH ROOM. LAV TRAPS WILL HAVE A DRAIN PLUG. BOTH FOR WINTERIZATION.
- SITE CONNECTION TO SEWER LINE AND MODULE LINE CONNECTIONS ARE CLEARLY LABELED.
- WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS. [CBC 11B-606.5]

WASTE AND VENT PIPING:

- FIXTURE UNITS ..... 41
- SIZE OF BUILDING DRAIN ..... 4"
- AGGREGATE AREA ..... 12.566
- FLOOR DRAINS ..... 2"

GENERAL SHEET NOTE:  
LOCATION OF ALL PLUMBING COMPONENTS IN THE MECHANICAL ROOM ARE SUBJECT TO CHANGE, FINAL LOCATIONS TBD.

DESIGN CRITERIA

- FIXTURE UNITS
- DEVELOPED LENGTH ..... 100'
- ELEVATION ..... 0'
- SYSTEM PRESSURE ..... 46-60 PSI

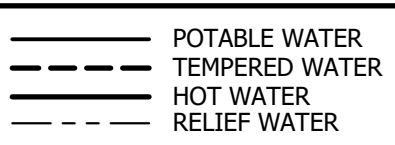
NOTE: THIS WATER SYSTEM IS DESIGNED w/ A MAX. DEVELOPED LENGTH OF 100 FT. FROM THE METER TO THE MOST REMOTE FIXTURE WITHIN THE BUILDING.

WATER PIPING:

- FIXTURE UNITS ..... 153.5
- DEVELOPED LENGTH ..... TBD
- ELEVATION DIFFERENCE ..... TBD
- SYSTEM PRESSURE ..... TBD
- METER SIZE ..... TBD
- BUILDING SUPPLY SIZE ..... 2"

GENERAL NOTES:

- SIZED TO 2022 CALIFORNIA PLUMBING CODE (CPC)
- POTABLE WATER MATERIAL - COPPER AND AQUAPEX.
- CONTINUATION OF WATER MAIN SHALL BE PROVIDED AND INSTALLED ON SITE BY OTHERS.
- CONTROL VALVES PROVIDED AT EACH FIXTURE & APPLIANCE.
- WHEN REQUIRED, HEAT TAPE SHALL BE PROVIDED AND INSTALLED ON SITE BY OTHERS.
- WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS. [CBC 11B-606.5]
- HOT WATER DELIVERED FROM PUBLIC LAVATORIES SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF 120°F BY A TEMPERING DEVICE MEETING ASSE 1070. [CPC 407.3]
- PUBLIC USE WATER CLOSET BOWLS SHALL BE ELONGATED. [CPC 411.1]
- PUBLIC USE WATER CLOSET SEATS SHALL COMPLY WITH CPC 411.3. PLASTIC SEATS SHALL COMPLY WITH IAPMO Z124.5.
- HAMMER ARRESTORS SHALL BE INSTALLED IN BUILDINGS EQUIPPED WITH QUICK ACTING VALVES. [CPC 609.10]
- A TEE WITH A PLUG SHALL BE PROVIDED FOR ON SITE INSTALLATION OF A THERMAL EXPANSION DEVICE IF REQUIRED. [CPC 608.3]
- WATER HEATERS SHALL BE ANCORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT. [CPC 507.2]
- PEX TUBING SHALL NOT BE INSTALLED WITHIN THE FIRST 18" OF PIPE CONNECTED TO THE WATER HEATER. [CPC 604.13]
- WATER HEATER EFFICIENCY IS IN ACCORDANCE WITH TITLE 20 CALIFORNIA CODE OF REGULATIONS, DIVISION 2, ARTICLE 4, SECTION 1605.[CENC 110.3]
- INSULATE FIRST 8' OF HOT WATER SUPPLY WITH 1" THICK INSULATION, [CENC 120.3]

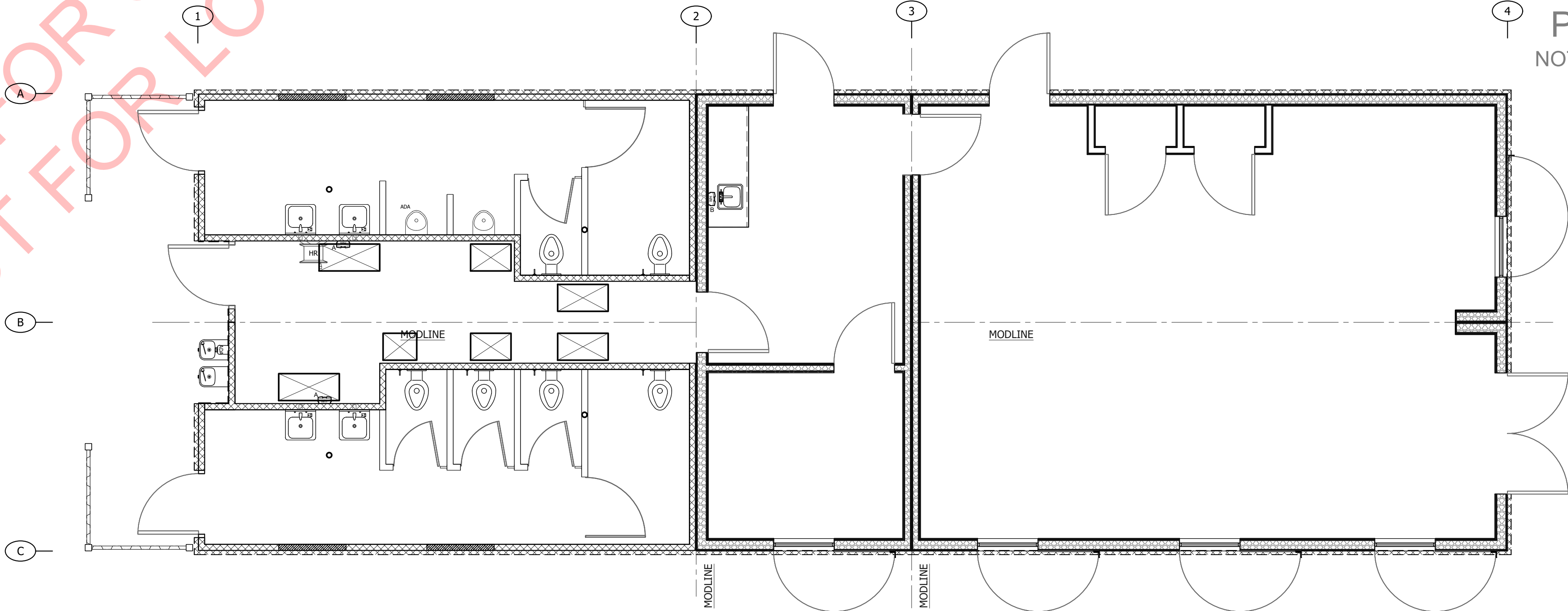


CONTROL VALVES PROVIDED AT EACH WATER SUPPLIED FIXTURE AND APPLIANCE

609.10 Disinfection of Potable Water System

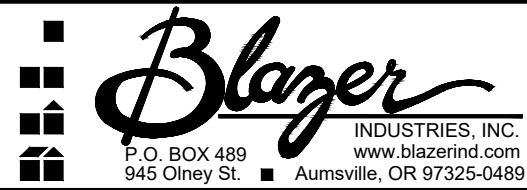
- NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY OR, IN CASE NO METHOD IS PRESCRIBED BY IT, THE FOLLOWING:
1. THE PIPING SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL POTABLE WATER APPEARS AT THE POINTS OF THE OUTLET.
  2. THE SYSTEM OR PARTS THEREOF SHALL BE FILLED WITH A WATER CHLORINE SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED-OFF AND ALLOWED TO STAND FOR 24 HOURS; OR, THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER-CHLORINE SOLUTION CONTAINING NOT LESS THAN 200 PARTS PER MILLION OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS.
  3. FOLLOWING THE ALLOWED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL THE CHLORINE RESIDUAL IN THE WATER COMING FROM THE SYSTEM DOES NOT EXCEED THE CHLORINE RESIDUAL IN THE FLUSHING WATER.
  4. THE PROCEDURE SHALL BE REPEATED WHERE IT IS SHOWN BY A BACTERIOLOGICAL EXAMINATION MAKE BY AN APPROVED AGENCY THAT CONTAMINATION PERSISTS IN THE SYSTEM.

PRELIMINARY  
NOT FOR CONSTRUCTION



WATER,  
WASTE & VENT  
PLUMBING PLAN  
1/4" = 1'-0"

| DATE | REV# | REVISION | BY | DATE | REV# | REVISION | BY |
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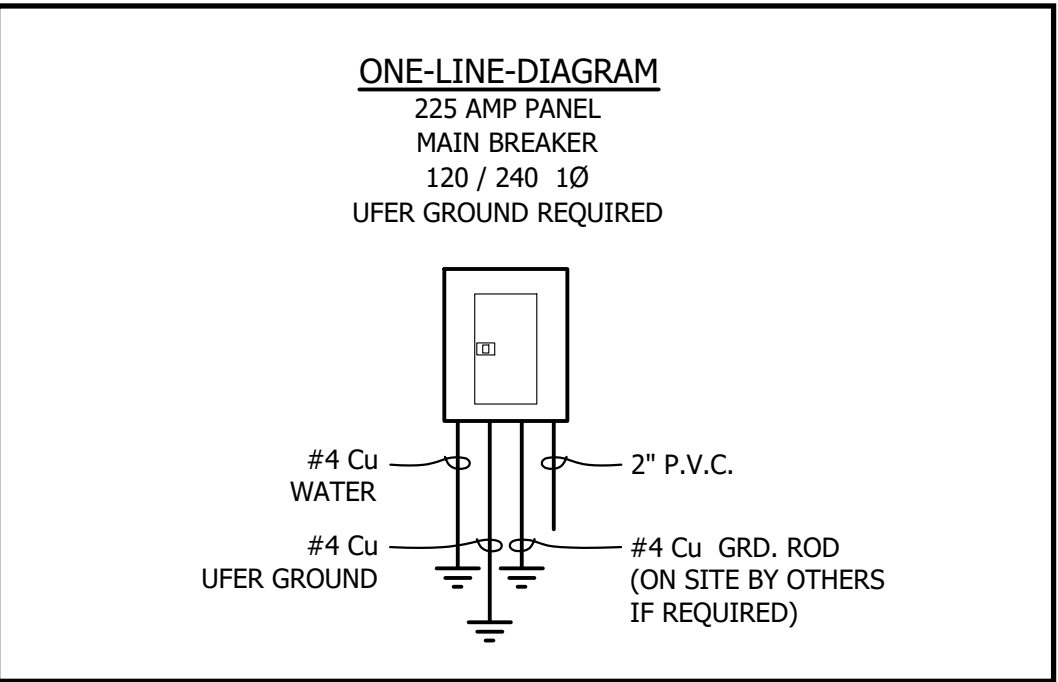
PROJECT NAME & LOCATION:  
**Habitat Nature Center  
Rialto, CA**

SHEET TITLE:  
**PLUMBING PLAN  
& INFORMATION**

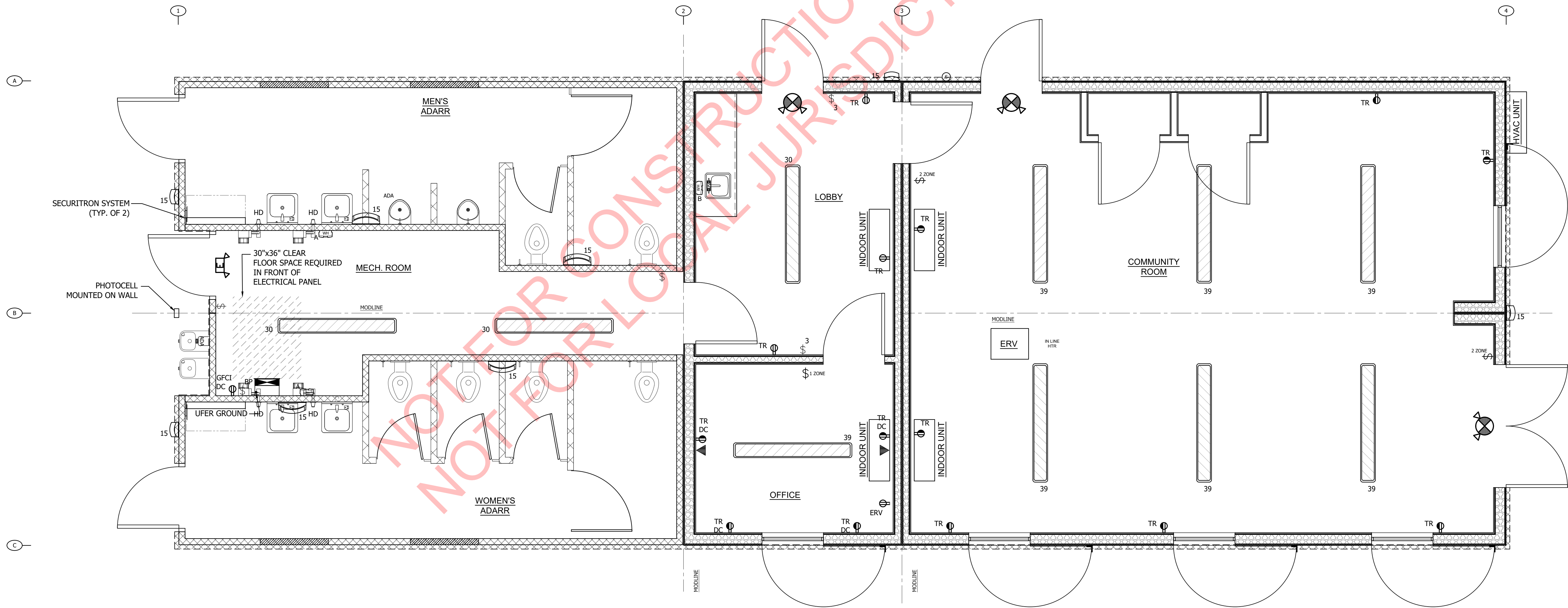
Approved for Const:  
File Copy:  
Drawn By: **NJP**  
Issue Date: **08-06-24**

Job No: **20541**  
**P-1**

| ELECTRICAL FIXTURE/EQUIPMENT SCHEDULE & SYMBOLS |     |                      |            |                                                         |                                            |                 |                                                         |
|-------------------------------------------------|-----|----------------------|------------|---------------------------------------------------------|--------------------------------------------|-----------------|---------------------------------------------------------|
| SYMBOL                                          | QTY | RATING               | CALC. LOAD | DESCRIPTION                                             | MODEL                                      | HEIGHT TO TOP   | COMMENTS                                                |
| PANEL                                           | 1   | 225 AMP MAIN BREAKER |            | 120/240 SINGLE PHASE WITH PLUG-ON BREAKERS              | SQUARE D                                   | 72"             | FURR-OUT 6"                                             |
| DC GFCI RECEPTACLE                              | 1   |                      |            | DEDICATED 20 AMP GFCI RECEPTACLE                        | LEVITON GFNT2-W                            | 48"             |                                                         |
| RECEPTACLE                                      | 7   |                      |            | TAMPER RESISTANT CONTROLLED 20 AMP DUPLEX RECEPTACLE    | LEVITON TBR20-S1                           | 20"             |                                                         |
| DC RECEPTACLE                                   | 4   |                      |            | DEDICATED TAMPER RESIST. CONTROLLED 20 AMP DUPLEX RECEP | LEVITON TBR20-S1                           | 20"             |                                                         |
| DC RECEPTACLE FOR ERV                           | 1   |                      |            | DEDICATED 20 AMP DUPLEX RECEPTACLE FOR ERV              | LEVITON CR20-W                             | 102"            |                                                         |
| RECEPTACLE                                      | 3   |                      |            | TAMPER RESISTANT 20 AMP DUPLEX RECEPTACLE               | LEVITON TBR20-S1                           | 48"             |                                                         |
| SWITCH                                          | 2   |                      |            | SINGLE POLE SWITCH                                      | LEVITON 1221-W                             | 48"             | NOTE: (2) BYPASS "ON" FOR LAMP TESTING                  |
| SWITCH - EXT. BYPASS                            | 1   |                      |            | SINGLE POLE SWITCH                                      | LEVITON 1221-2R                            | 48"             |                                                         |
| SWITCH                                          | 2   |                      |            | THREE WAY SWITCH                                        | LEVITON 1223-W                             | 48"             |                                                         |
| NLIGHT AIR WALL SWITCH - 1 ZONE                 | 1   |                      |            | NLIGHT AIR WALL SWITCH - 1 ZONE - w/ DIMMING            | LITHONIA RPODLA DX                         | 48"             |                                                         |
| NLIGHT AIR WALL SWITCH - 2 ZONE                 | 2   |                      |            | NLIGHT AIR WALL SWITCH - 2 ZONE - NON DIMMING           | LITHONIA RPODLA 2P                         | 48"             |                                                         |
| NLIGHT AIR POWER PACK                           | 2   |                      |            | NLIGHT AIR POWER PACK                                   | LITHONIA RPP20-24-G2                       | 48"             |                                                         |
| PHOTOCELL                                       | 1   |                      |            | PHOTOCELL                                               | INTERMATIC EK43365                         | 120"            |                                                         |
| LIGHT - EXTERIOR                                | 4   |                      |            | 15 WATT LED                                             | LUMINAIRE YWP610-15W-120-4000K-OP-BRZ      | 88", 104"       | CONTROLLED BY PHOTOCELL / BYPASS SWITCH                 |
| LIGHT - RESTROOM                                | 4   |                      |            | 15 WATT LED                                             | LUMINAIRE SWP1212-15W-120-4000K-OP-BRZ-OCC | 108"            | CONTROLLED BY INTEGRAL MOTION SENSOR / BYPASS SWITCH    |
| LIGHT - MECHANICAL                              | 2   |                      |            | 4 FT. - 2 LAMP - LED                                    | GREENLIGHTING AL-42L                       | CEILING MOUNTED | CONTROLLED BY SINGLE POLE SWITCH                        |
| LIGHT - COMMUNITY                               | 6   |                      |            | 4 FT. - LED                                             | LITHONIA BLWP 48L                          | CEILING MOUNTED | CONTROLLED BY 2 ZONE OCCUPANCY SENSOR SWITCH            |
| LIGHT - OFFICE                                  | 1   |                      |            | 4 FT. - LED                                             | LITHONIA BLWP 48L                          | CEILING MOUNTED | CONTROLLED BY 1 ZONE OCCUPANCY SENSOR SWITCH            |
| LIGHT - LOBBY                                   | 1   |                      |            | 4 FT. - 2 LAMP - LED                                    | GREENLIGHTING AL-42L                       | CEILING MOUNTED | CONTROLLED BY SINGLE POLE SWITCH                        |
| EMERGENCY LIGHT                                 | 1   |                      |            | EMERGENCY LIGHT                                         | LITHONIA ELM2L                             | ABOVE DOOR      |                                                         |
| EMERGENCY / EXIT LIGHT                          | 3   |                      |            | EMERGENCY LIGHT / EXIT SIGN COMBO                       | LITHONIA LHQM                              | ABOVE DOOR      |                                                         |
| HAND DRYER                                      | 4   |                      |            | REMOTE POWER ELECTRIC                                   | FASTAIRE HD03                              | 39" TO CONTROLS |                                                         |
| WIRE FOR AND INSTALL                            | 2   |                      |            | MAGNETIC LOCKS                                          | SECURITRON SAM                             |                 |                                                         |
| WIRE FOR WATER HEATER                           | 2   |                      |            | STEIBEL TANKLESS WATER HEATER                           | STIEBEL DHC-E-8/10                         |                 |                                                         |
| WIRE FOR WATER HEATER                           | 1   |                      |            | STEIBEL TANKLESS WATER HEATER                           | STIEBEL DHC-3-2                            |                 |                                                         |
| WIRE FOR 4 TON MINI SPLIT                       | 1   |                      |            | 4 TON MINI SPLIT                                        | DAIKIN 4 TON MINI SPLIT                    |                 |                                                         |
| WIRE FOR INDOOR UNIT                            | 4   |                      |            | INDOOR UNIT                                             | DAIKIN                                     |                 |                                                         |
| WIRE FOR ERV                                    | 1   |                      |            | ERV                                                     | DAIKIN 470                                 |                 |                                                         |
| WIRE FOR SIGN CIRCUIT                           | 1   |                      |            | SIGN CIRCUIT                                            |                                            |                 |                                                         |
| DATA BOX                                        | 2   |                      |            | DATA BOX                                                |                                            | 20"             | 4" BOX w/ SINGLE GANG MD RING - STUB UP w/ 3/4" CONDUIT |



- NOTES:
- ALL CONDUCTORS ARE COPPER; TYPE THHN / THWN.
  - RATING OF STANDARD PANEL IS 22,000 A.I.C.
  - WIRING METHOD IN METALLIC CONDUIT. (MC CABLE, EMT, METALLIC FLEX).
  - INSTALL UFER GROUND IN SLAB, TERMINATING IN MECH.
  - GREEN GROUNDING CONDUCTOR IN ALL RACEWAYS.
  - SITE CONNECTION POINT FOR ELECT SERVICE AND MODULE LINE CROSS OVERS ARE CLEARLY LABELED.



ELECTRICAL PLAN

1/2" = 1'-0"

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NOT FOR CONSTRUCTION

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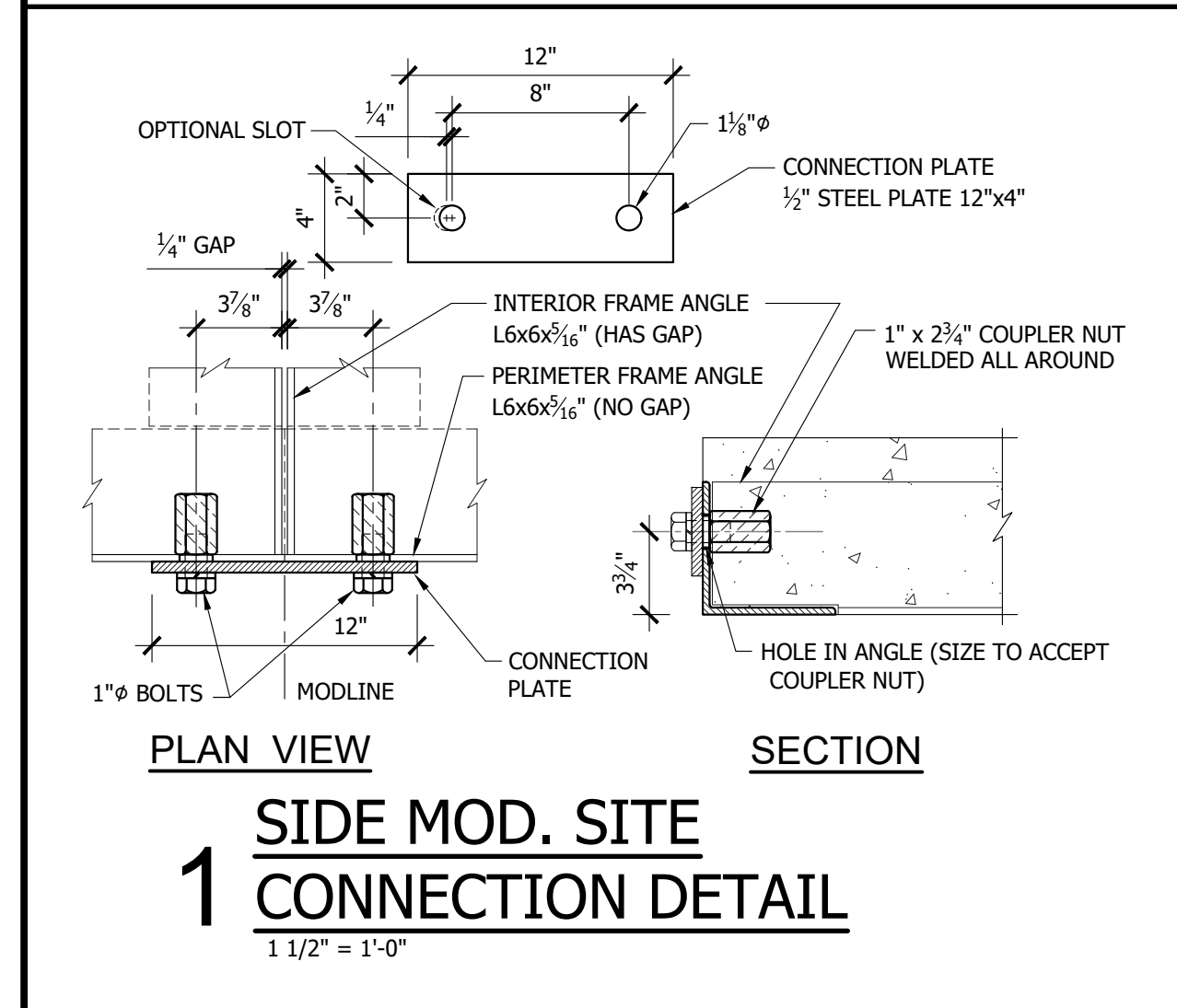
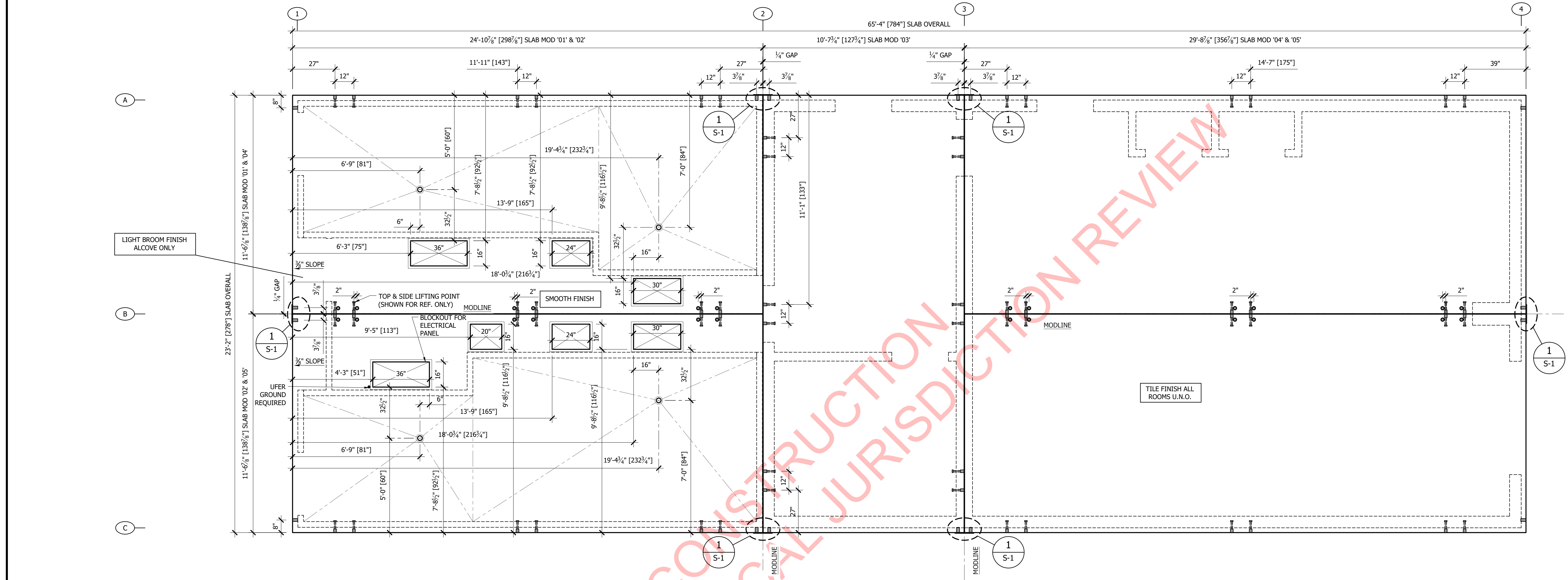
PROJECT NAME & LOCATION:  
**Habitat Nature Center  
Rialto, CA**

SHEET TITLE:  
**ELECTRICAL PLAN  
& INFORMATION**

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| Approved for Const: | Job No:  |
| File Copy:          | 20541    |
| Drawn By:           | NJP      |
| Issue Date:         | 08-06-24 |

E-1

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SLAB PLAN

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SHEET TITLE:  
**SLAB PLAN**

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