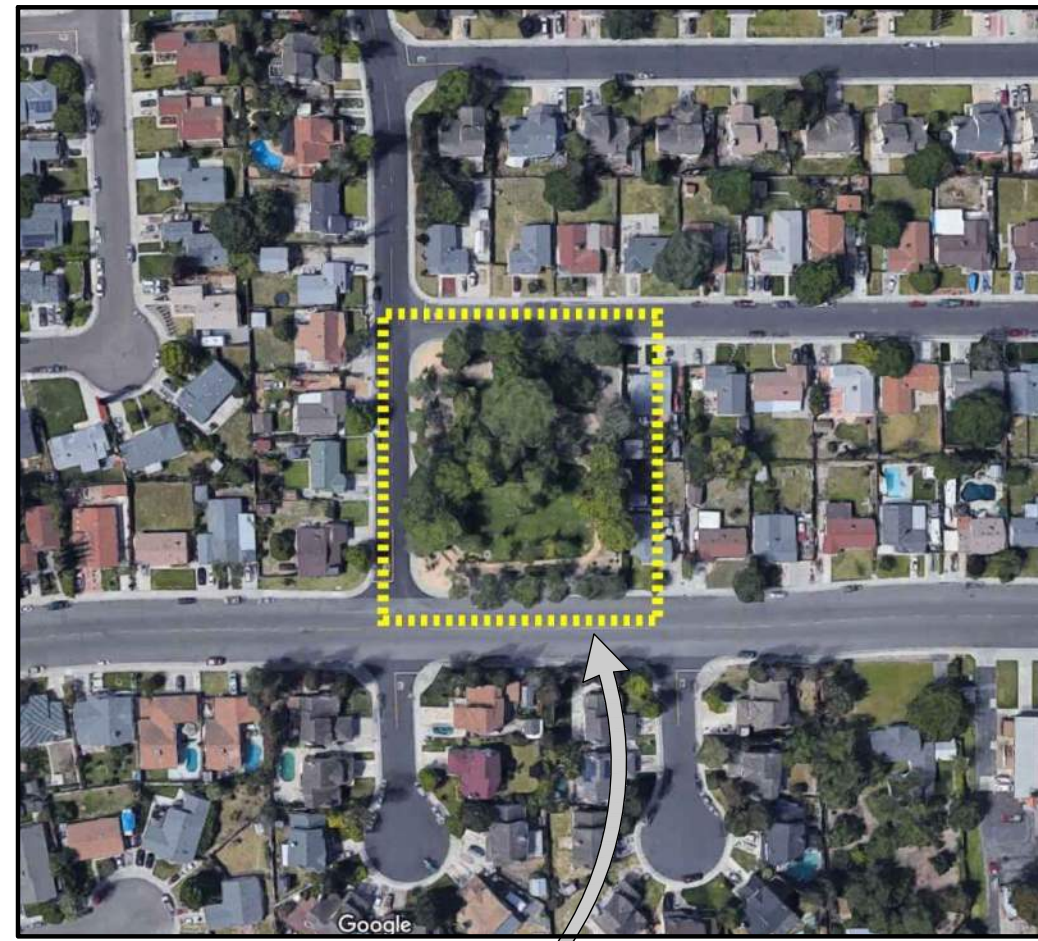


# MILESTONE PARK

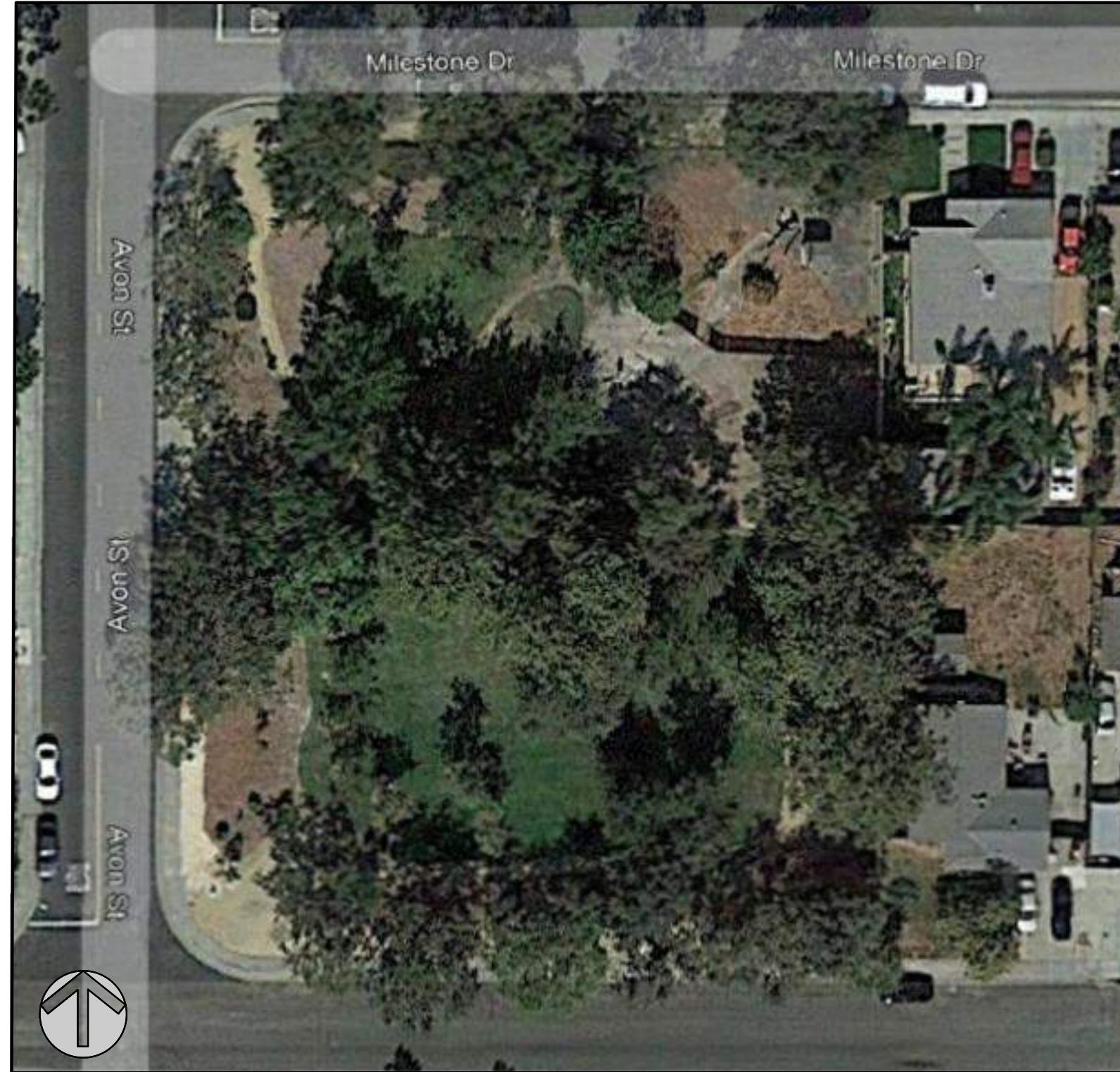
City of Lathrop

Lathrop, CA

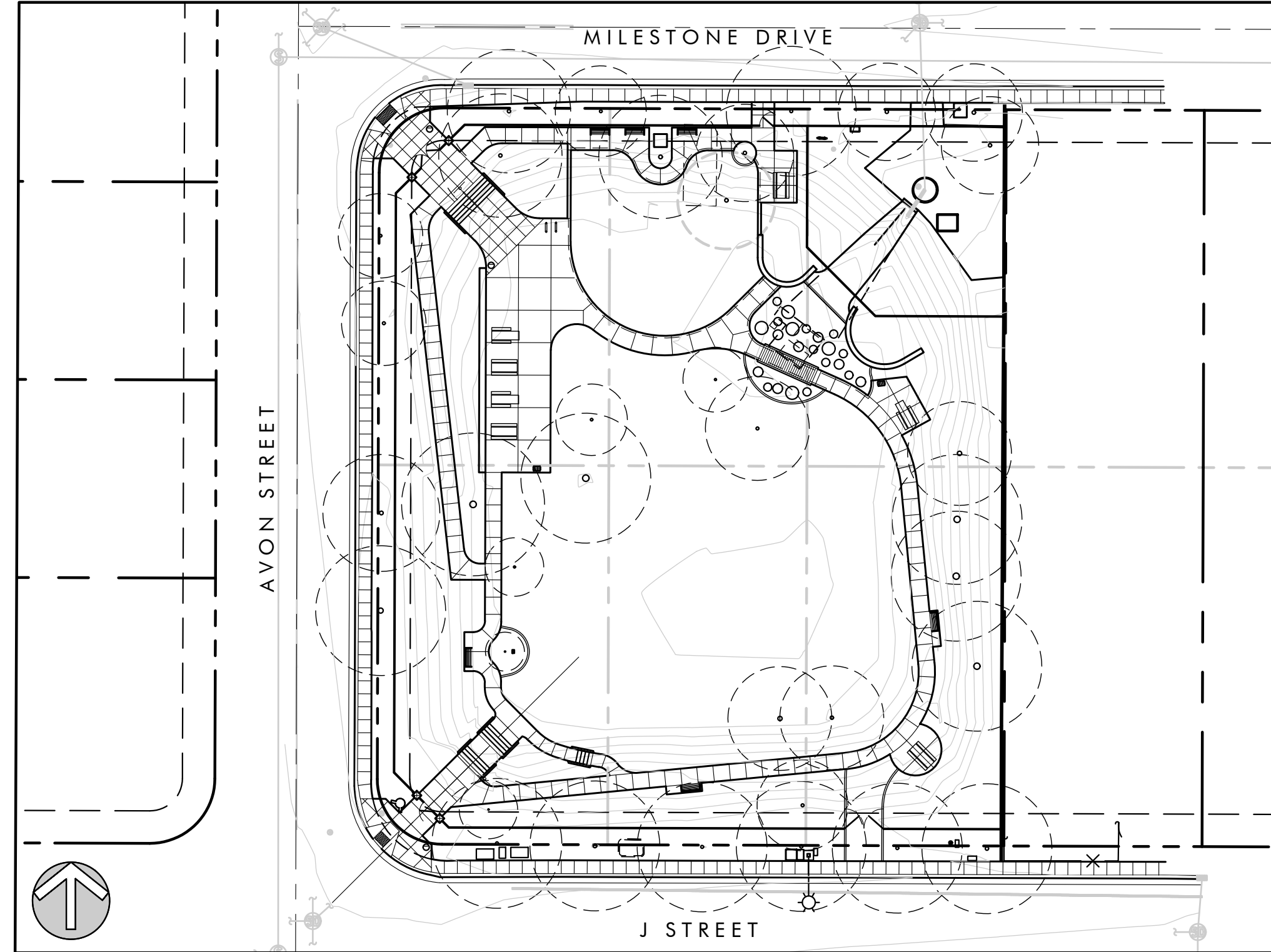
## Landscape Plans



Vicinity Map  
Project Location



Aerial Plan



Site Plan

### Sheet Index

L10	Cover Sheet
L11	Demolition Plan
L2.1	Construction Plan
L2.2	Construction Plan
L2.3	Electrical Layout
L3.1	Construction Details
L3.2	Construction Details
L3.3	Construction Details
L3.4	Construction Details
L3.5	Construction Details
L3.6	Construction Details
L3.7	Play Area Equipment
L4.1	Grading Plan
L4.2	Grading Plan
L5.1	Irrigation Plan
L6.1	Planting Plan
L6.2	Groundcover Plan
L7.1	Landscape Details
L7.2	Landscape Details
L7.3	Landscape Details
L7.4	WELO Notes and Calculations

### Abbreviation List

ADA	American with Disabilities Act
CJ	Control Joint
CMU	Concrete masonry unit
CYRD	Cubic yard
EJ	Expansion Joint
EQ	Equal
FT	Foot (Feet)
GAL	Gallon
GPM	Gallons per minute
IN	Inch
LB	Pound
MAX	Maximum
MIN	Minimum
NCN	No Common Name
OC	On Center
PA	Planting Area
PSI	Pounds per square inch
PT	Pressure Treated
R	Radius
SCH	Schedule
SF	Square feet
TYP	Typical
VIF	Verify in field
WNM	Welded wire mesh

### Existing Conditions - Photos



View looking north from the southwest corner of the park



View looking east from the northwest portion of the park



View looking south from the northwest corner of the park



Existing storm drainage outfall at the northeast corner



Existing maintenance access on the north side of the park



View looking north from the southeast corner of the park (residential frontage)

<b>CITY OF LATHROP</b> DEPARTMENT OF PUBLIC WORKS	
APPROVED BY: _____	DATE: _____
Assistant City Manager	
<b>CITY OF LATHROP</b> CONSTRUCTION MANAGEMENT DEPARTMENT	
APPROVED BY: _____	DATE: _____
Senior Construction Manager	
<b>CITY OF LATHROP</b> ENGINEERING	
APPROVED BY: _____	DATE: _____
City Engineer	



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The original size of this drawing is 24" x 36". If the plan is a different size than 24x36 do not scale off of the drawing.

### Cover Sheet

**Scale:**  
Not to Scale

**Date:**  
August 3, 2022

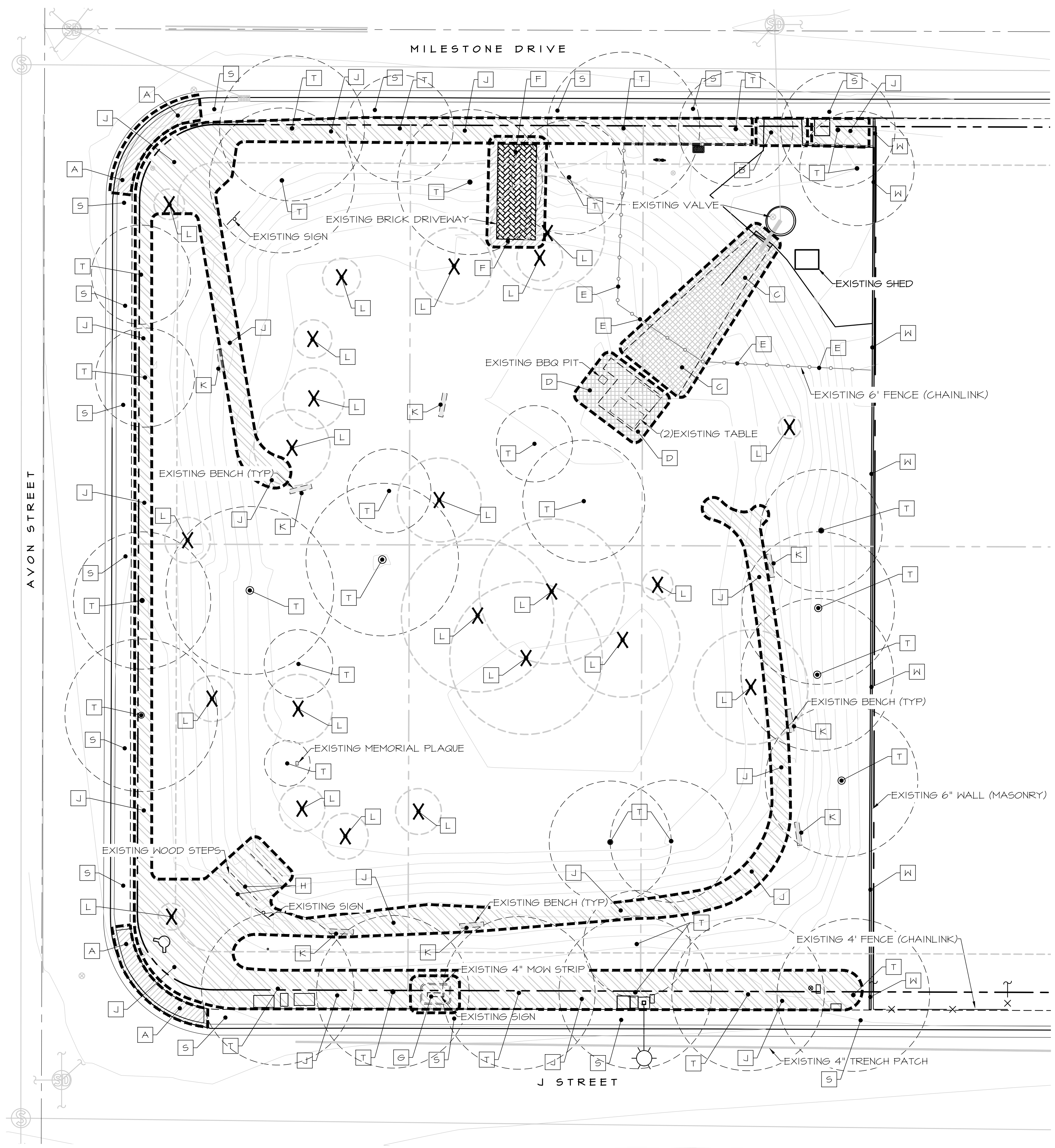
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AL and NAB / THH

**Project No.:**  
21-2339

**Sheet Number:**

**L1.0**



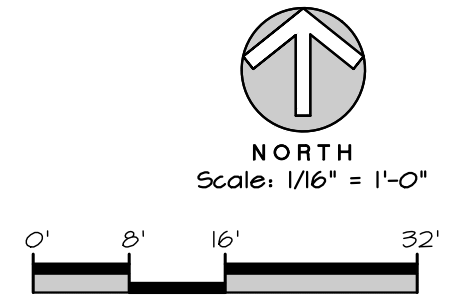


### Demolition Callouts

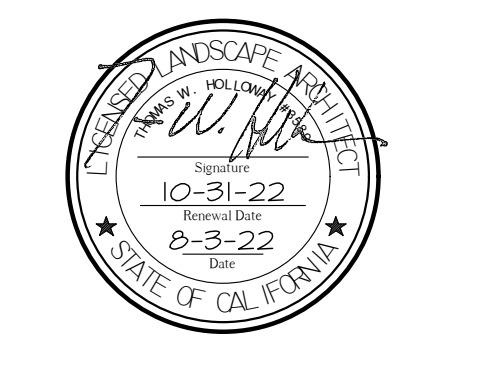
[Hatched Box]	A	Remove concrete at street corners
[Hatched Box]	B	Remove concrete paving at pump station
[Hatched Box]	C	Remove concrete w/ier
[Hatched Box]	D	Remove concrete pads, tables, cobble, etc
[Dashed Line]	E	Remove existing fence
[Hatched Box]	F	Remove concrete turf block
[Hatched Box]	G	Remove existing sign
[Hatched Box]	H	Remove DG, wood steps, etc
[Hatched Box]	J	Remove DG path, headers, etc
[Hatched Box]	K	Remove benches
[Hatched Box]	L	Remove trees
[Hatched Box]	S	Sidewalk to remain
[Circle with X]	T	Trees to remain
[Hatched Box]	W	Wall to remain

- ### General Demolition Notes
1. Confirm all limits and extent of demolition with City's representative and/or Landscape Architect on-site prior to start of demolition process.
  2. Remove all vegetation within extents of new construction unless otherwise noted, verify with City's representative and/or Landscape Architect of any discrepancies.
  3. There are minimal existing facilities in the demolition area. The existing site consists of a compacted dirt path, trees, and some lawn, and irrigation. The existing irrigation is to be protected in place throughout the demolition process. If heads and/or piping needs to be relocated see notes on Sheet L6. The irrigation is to remain operable throughout the demolition and construction process.
  4. Unless otherwise noted on the drawings, all materials indicated to be removed shall become the property of the Contractor; disposal of such material shall become the responsibility of the Contractor and shall be made outside of the project site to an approved disposal site; all fees associated with the disposal are the responsibility of the Contractor.
  5. Demolition shown is diagrammatic and general. Perform all demolition as required to construct a complete and finished project including all items in the way of new work whether or not specifically shown.
  6. Contractor to take care to protect all existing-to-remain utilities. Contractor to contact USA 811 or 800-227-2600 for utility locations prior to demolition.

- ### Tree Protection During Construction
1. All trees shown on the planting plan indicated to remain are to remain undisturbed on site and shall be cared for throughout the construction process in accordance with the following notes. If there is a question whether or not a tree is to remain or be removed, ask the landscape architect or City prior to removal. It is the responsibility of the General Contractor to ensure the health of all existing trees. Trees damaged or killed during construction are to be replaced at a size large enough to the satisfaction of the City.
  2. No items are to be stored within the drip line of the existing trees. Construction equipment and storage causes soil compaction which can injure the trees.
  3. Utility and irrigation lines and all associated trenching are to be laid out to avoid conflict and cutting of the existing tree roots within the dripline.
  4. Any damage inadvertently caused to the trees such as broken branches, etc is to be repaired with clean saw cuts back to undamaged areas. Do not cut branches flush to the trunk.
  5. Abrasions against the trunk of the tree must be cleaned of the damaged bark using a sharp knife with clean cuts back to undamaged bark area and allowed to heal naturally. Do not apply paint or other chemical based solutions to tree wounds.
  6. A Certified Arborist shall be consulted for remedial action if the trunk of the tree is fractured.
  7. When landscape operations begin, grading within the dripline of the tree is to be kept to a minimum. Any roots less than 2" diameter damaged by trenching or planting pit excavation are to be repaired by cutting the root back to the undamaged area with a sharp saw. Roots larger than 2" should be preserved by hand digging trenches.



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### Revisions

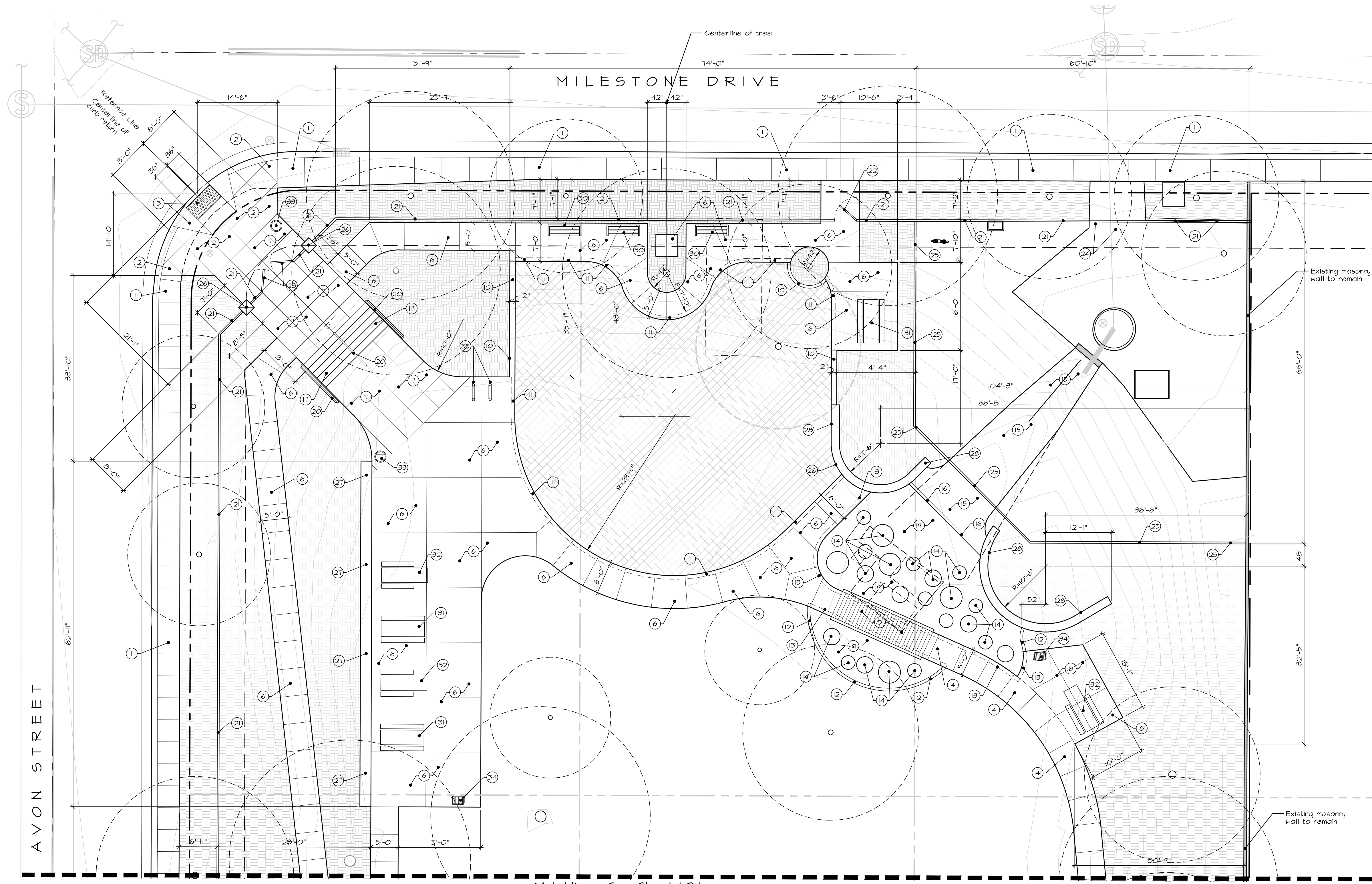
Revisions	Date	By
△	Modification	

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390 Towne Centre Dr,  
Lathrop, CA 95330  
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## Demolition Plan

Scale:	1" = 16'-0"
Date:	August 3, 2022
Drawn/Checked:	AL and NAB / TWH
Project No.:	21-2339
Sheet Number:	L1.1



**Construction Callouts**

No. Detail	Item Description
1	Existing sidewalk to remain.
2	City standard detail
3	City standard detail
4	A and B, Sheet L3.1
5	D, Sheet L3.5
6	A and B, Sheet L3.1
7	A and B, Sheet L3.1
8	C, Sheet L3.1
9	D, Sheet L3.1
10	G, Sheet L3.1
11	G, Sheet L3.1
12	H, Sheet L3.1
13	H, Sheet L3.1
14	I, Sheet L3.1
15	A and B, Sheet L3.5
16	A and B, Sheet L3.5
17	E and F, Sheet L3.1
18	A, Sheet L3.2
19	H, Sheet L3.1
20	E and F, Sheet L3.1
21	D, Sheet L3.2
22	A and B, Sheet L3.4
23	A and B, Sheet L3.3
24	E and G, Sheet L3.2
25	C and D, Sheet L3.2
26	A and C, Sheet L3.3
27	F, Sheet L3.2
28	C, Sheet L3.4
29	Per manufacturer
30	A, Sheet L3.6
31	B, Sheet L3.6
32	C, Sheet L3.6
33	D, Sheet L3.6
34	G, Sheet L3.5
35	D, Sheet L3.3
36	G, Sheet L3.1
37	Sheet L3.7

**Accessibility Compliance Notes**

- Path of Travel**
- There is to be an accessible route of travel from public sidewalks to all public spaces.
  - This walk must be a minimum of 48" wide. If there are any obstructions in the path of travel, there must be a minimum of 48" clearance around the obstruction (sign post, hydrant, etc.).
  - There shall be no projections into this accessible route below 80" above the surface of the paving such as, but not limited to, signs, utilities, drinking fountains, architectural ornamentation, rails, etc.
  - Contractor to verify that all path of travel walkways meet the unobstructed criteria and make necessary corrections if this is not the case.
  - All walks to have any necessary curb ramps, ramps, or sloped walks to access public buildings and general outdoor spaces.
  - There shall be no steps or grade separation (1/4" max.) along the accessible route.
  - Curb ramps to be installed with truncated dome panels of contrasting color (Black, Dark Gray, or Colonial Red) available from Armor-Tile or approved equal. Install per ADA and local codes. See Specific Curb Ramp Notes.
  - Where gates swing outward toward the walkway there shall be a min. 5' x 5' landing area with slopes not to exceed 2%. Where doors or gate swing away from walkway the level landing area shall be a min. 48" x 44" with max. 2% slope.
  - The walk must extend 24" past the strike side of any door or gate that swings toward the walk.
  - The walk must extend 12" past the strike side of the gate opposite the swing side for all self-closing gates.

- Curb Ramps**
- Curb ramps shall meet all ADA and local codes. In all cases current codes shall take precedence over the notes, details, and layout as shown on these plans. Notify the Landscape Architect of any discrepancy.
  - Ramps shall be a minimum of 48" wide and shall not exceed 1:12 (8.33%) slope. Ramp shall be a single, slip resistant plane sloping only in the direction of the ramp.
  - The maximum slope of flared or flared sides shall not exceed 1:10 (10%).
  - For ramps that end at a vehicular traffic zone, the full surface of the running portion of the ramp shall be covered in truncated domes (of contrasting color), available from Armor-Tile or other approved equal.
  - Transition at bottom of ramp shall be flush (max. 1/4") and free of abrupt changes.

**Steps**

- Steps to conform to ADA and Title 24 requirements. Notify Landscape Architect if any discrepancy between plans and ADA requirements.
- All steps to have handrails both sides of steps if two or more risers. All steps over 68" wide to have intermediate handrail. Handrails to not exceed 34"-38" from nosing measured vertically.
- All handrails to have extensions at bottom to extend the tread width + 12" beyond nosing before return to post. Ends of handrails to return smoothly to wall or post. Top step handrail to extend 12" min. from nosing.
- Handrails are to be 1 1/4"-1 1/2" wide, 34"-38" above the surface of the steps, on both sides of the steps, and a minimum of 1 1/2" clear of adjacent walls or other obstructions. Handrails to be smooth and continuous with no sharp edges or corners. Corners and edges to have a minimum 1/8" radius. Adjacent wall may not have any sharp or abrasive elements. Handrails to be able to be able to support 250 lbs. and shall not rotate.
- All risers to conform to ADA requirements for nosing dimensions and warning strips.
- All risers to be the same height. All treads to be the same depth.

**Play Area and Equipment Notes**

- The plans, notes, and details shall in no way supersede play warranty or code requirements. Code and manufacturer requirements shall always take precedence over these plans.
- The play equipment shall comply with the manufacturer and model number as specifically called out on the plans. Play equipment has been specified per the specific size of the play area. No substitutions shall be made without the express approval of the City and/or Landscape Architect.
- The Contractor shall verify, prior to installation, that the play equipment and required fall zones fit within the play area surfacing and depth of surfacing (for cushioning) has been met. Utilities shall be clear of all footings and supports.
- The Contractor shall use a licensed play ground installation company with experience in similar installations and familiar with the unique requirements of play areas. The Contractor shall be responsible for ensuring that the play equipment, surfacing, and edging are installed per the project and local code requirements (Contractor to verify).
- The play area surfacing shall be installed per the specifications of the manufacturer. Installation must be certified correct by the manufacturer to ensure that the warranty and insurances are valid. Verify depth of material as needed for specific fall-zones associated with the play equipment.
- Color combinations shall be selected or approved by the City and/or Landscape Architect prior to ordering.
- Paving shall drain away from play surfacing unless specifically noted on the plans.
- ADA access to play surface shall be installed per the plans or local code requirements.

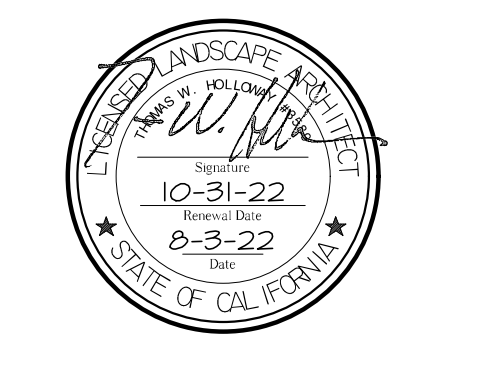
**General Construction Notes**

- All dimensions are taken from curb face, building face, or edge of paving, unless otherwise noted on the plan. The dimensions are shown for approximate line and all radii and curves are to have continuous and smooth transitions without abrupt changes or bends.
- All forms and alignment of paving shall be reviewed and approved by the Landscape Architect and/or owner prior to pouring (provide a minimum of 48 hours notice).
- For site grading see Civil Engineer's plans.
- Contractor shall verify location of all utilities prior to construction and shall be liable for all damages incurred.
- Contractor shall note and install all sleeve locations as noted on the Irrigation Plans prior to installation of paving.
- All construction and workmanship shall conform to the applicable edition of the California Building Code and all other governing codes, ordinances, and laws.
- These notes shall be used in conjunction with the plans and any discrepancies shall be brought to the attention of the Landscape Architect.
- The contractor must check all dimensions, framing conditions, and the condition of the site prior to commencing with work. The Landscape Architect is to be notified immediately of any discrepancies or deficiencies.
- Conditions not specifically shown shall be constructed similar to the details for the respective materials.
- The drawings and specifications represent the finished structure. All bracing, temporary supports, shoring, etc. is the sole responsibility of the contractor.
- Observation visits to the job site by the Landscape Architect do not include inspection of construction methods and safety conditions of the worksite. These visits shall not be construed as continuous and detailed inspections.
- Design, materials, equipment, and products other than those described on the drawings or in the specifications may be considered for use, provided prior approval has been obtained from the owner, Landscape Architect, and applicable governing authority.



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**Revisions**

No.	Date	By
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No.	Date	By
1		

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**City of Lathrop**  
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**Construction Plan**

**Scale:**  
1" = 10'-0"

**Date:**  
August 3, 2022

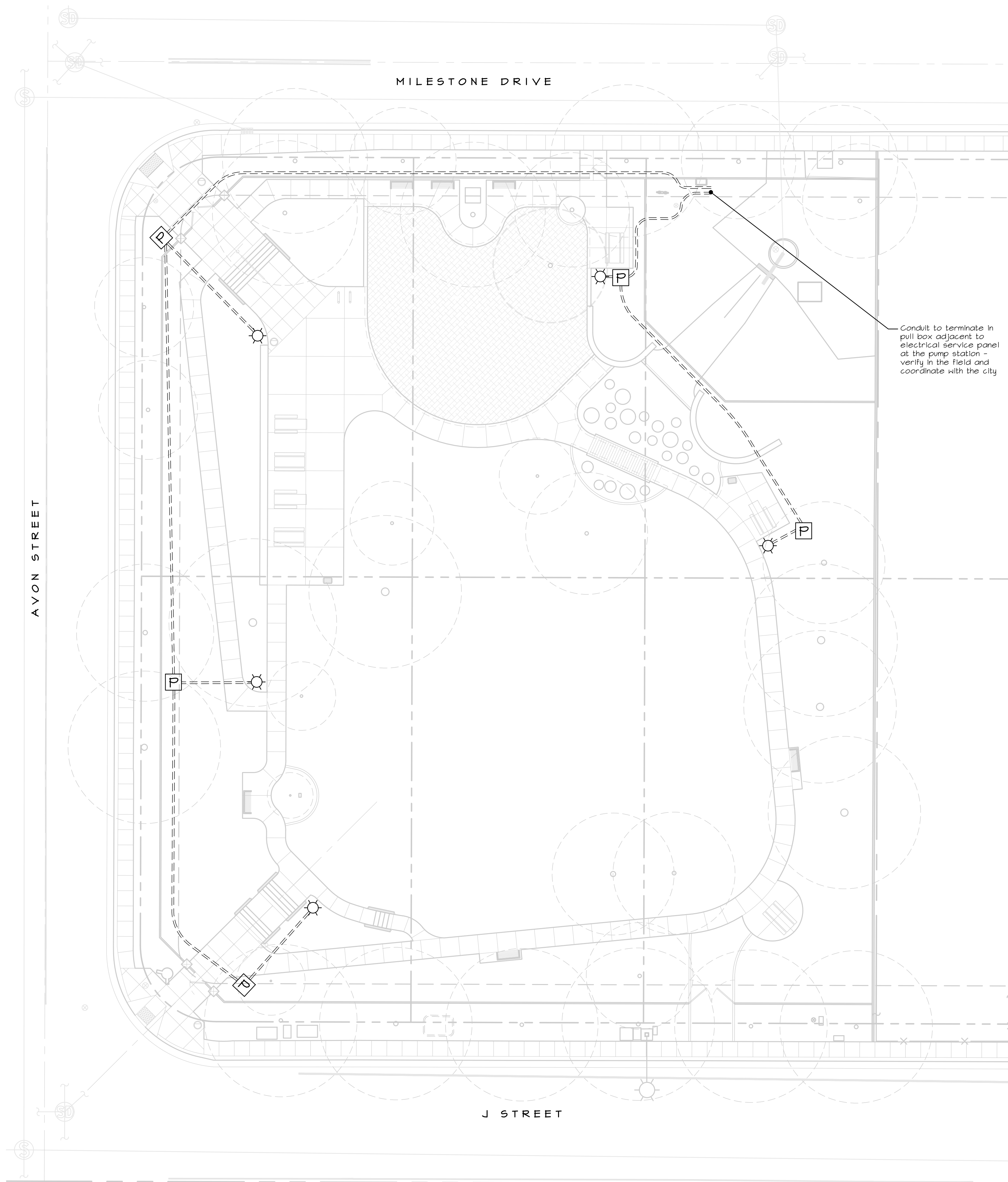
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AL and NAB / THH

**Project No.:**  
21-2339

**Sheet Number:**  
L2.1





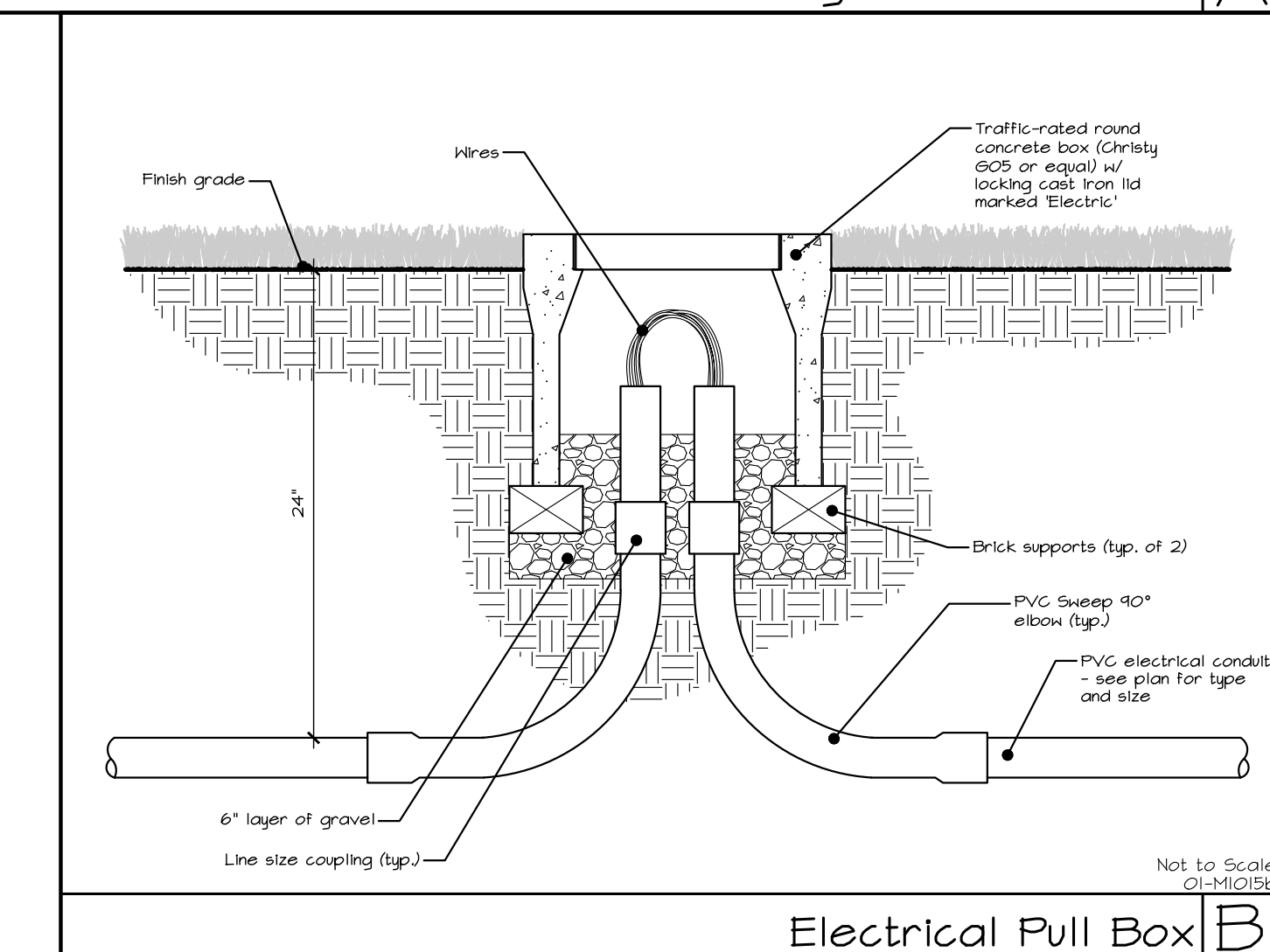
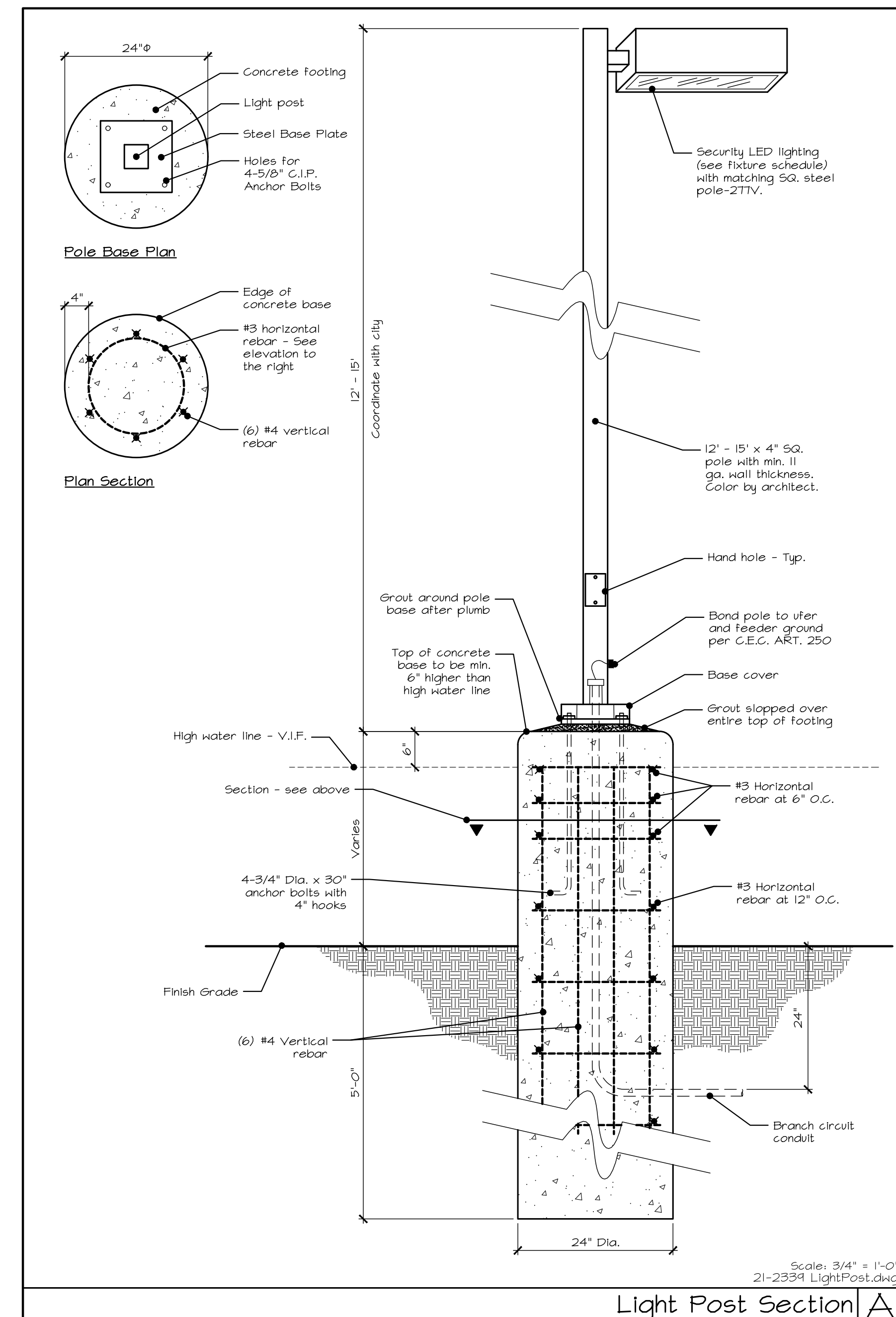


**Lighting Legend**

- Light pole, fixture, and concrete base. Coordinate with City for selection and specific final location. See detail A, this sheet.
- Pull Box - Pull boxes to be located above the high water line. Verify location in the field with the City.
- Conduit - Min. 1-1/2" schedule 40 electrical conduit buried min. 24". Routing of conduit is shown schematically and shall be installed away from existing tree roots and existing utilities. Conduit between pull box and base of light that travels below the high water line to be sealed and water-tight.

**NOTES**

1. These plans schematically depict the location and quantity of park lights to be installed. The contractor shall work with the City to finalize specific locations.
2. The contractor shall provide design-build services for the electrical component of this project and shall coordinate with the City of Lathrop for:
  - a. Source of power for tie-in. Location and type of power that is available.
  - b. Breaker, switching, etc. at the power service location.
  - c. Specific pole, pole height, fixture, and lamp, as well as shielding.
  - d. Inclusion of outlets in any of the poles if desired by the City.
3. The contractor shall provide electrical engineering if needed by the City and shall provide the proper wiring, conduit, pull boxes, connections to fixtures, and surge/lightning protection to meet all applicable codes and requirements. Coordinate with the City's Construction Services Manager for process and requirements of City approval.
4. The contractor shall submit shop drawings and manufacturer's cut sheets for all required electrical equipment to the City's Construction Services Manager for review and approval prior to installation.
5. Installation of conduit and any electrical equipment or boxes shall be laid out to avoid conflict with existing tree roots and any existing utilities.
6. Pull boxes and base of light poles shall all be installed above the high water line of the basin (V.I.F.). Conduit connections that travel below the high-water line shall be sealed and water-tight with pressure test performed under the direction of the City's Construction Services Manager to assure water protection.



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**Electrical  
Layout**

Scale:  
1" = 16'-0"

Date:  
August 3, 2022

Drawn/Checked:  
AL and NAB / THH

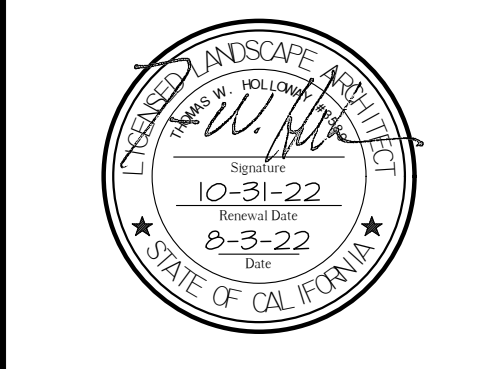
Project No.:  
21-2339

Sheet Number:

**L2.3**







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### Construction Details

**Scale:**  
See Details

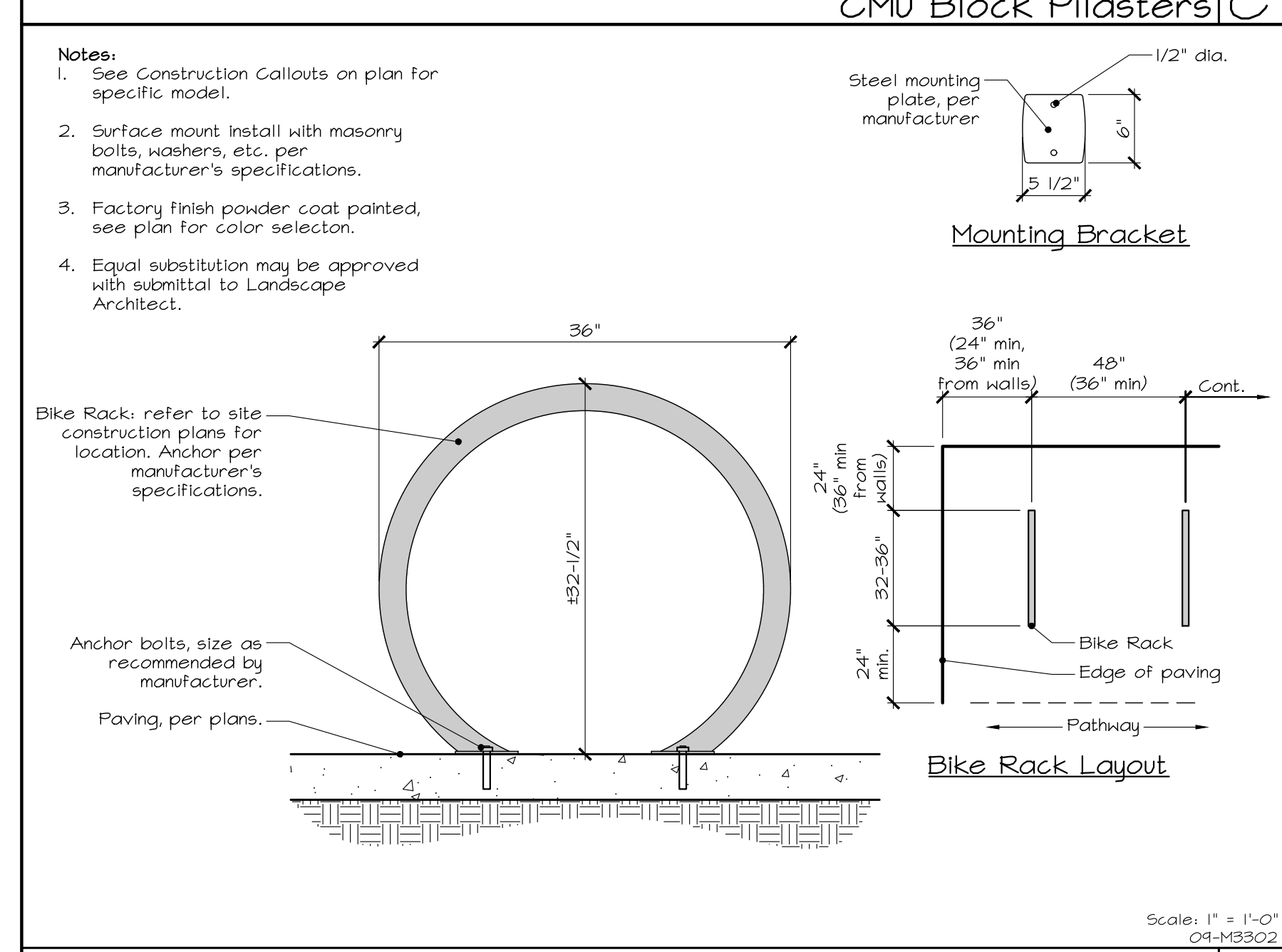
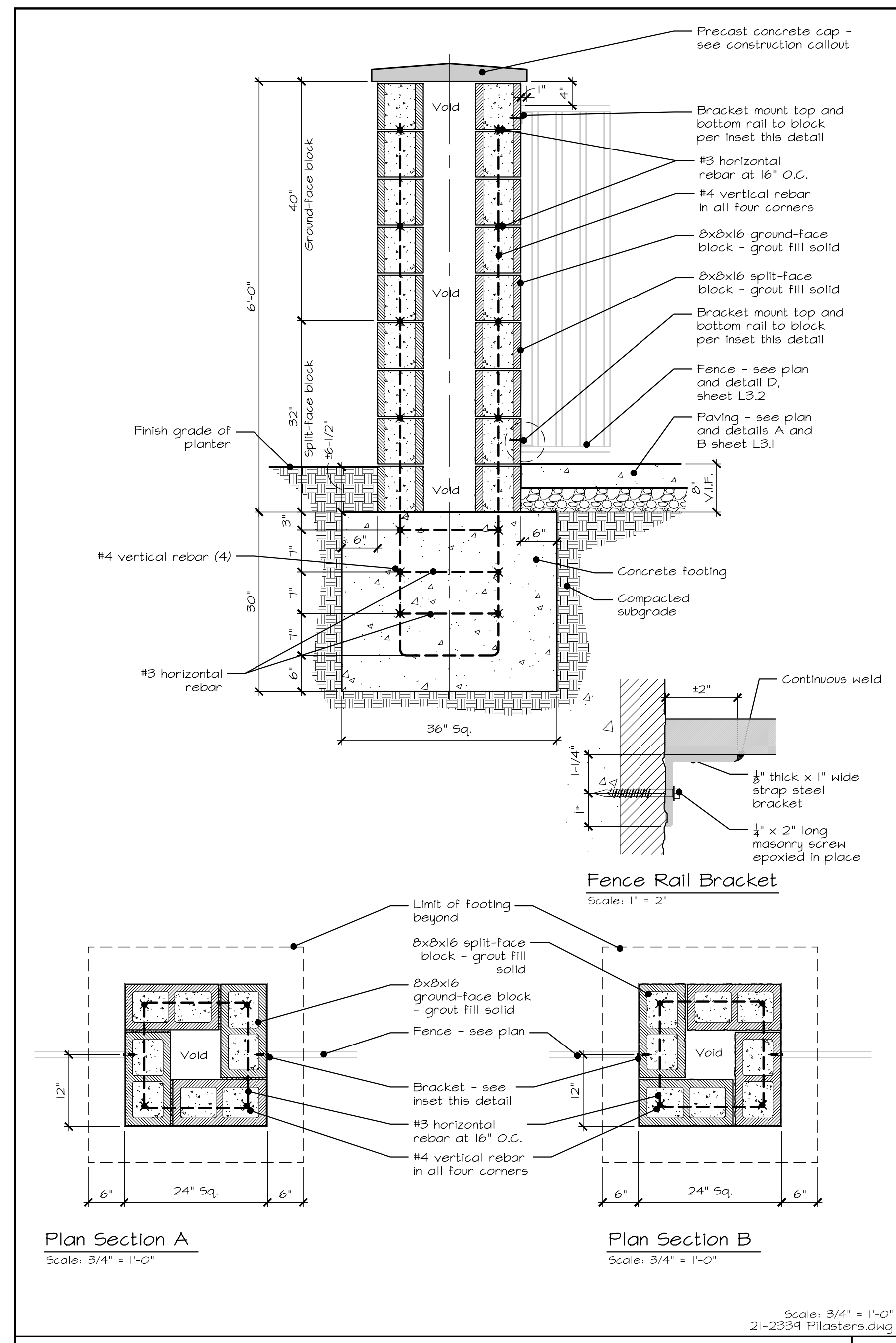
**Date:**  
August 3, 2022

**Drawn/Checked:**  
AL and NAB / THH

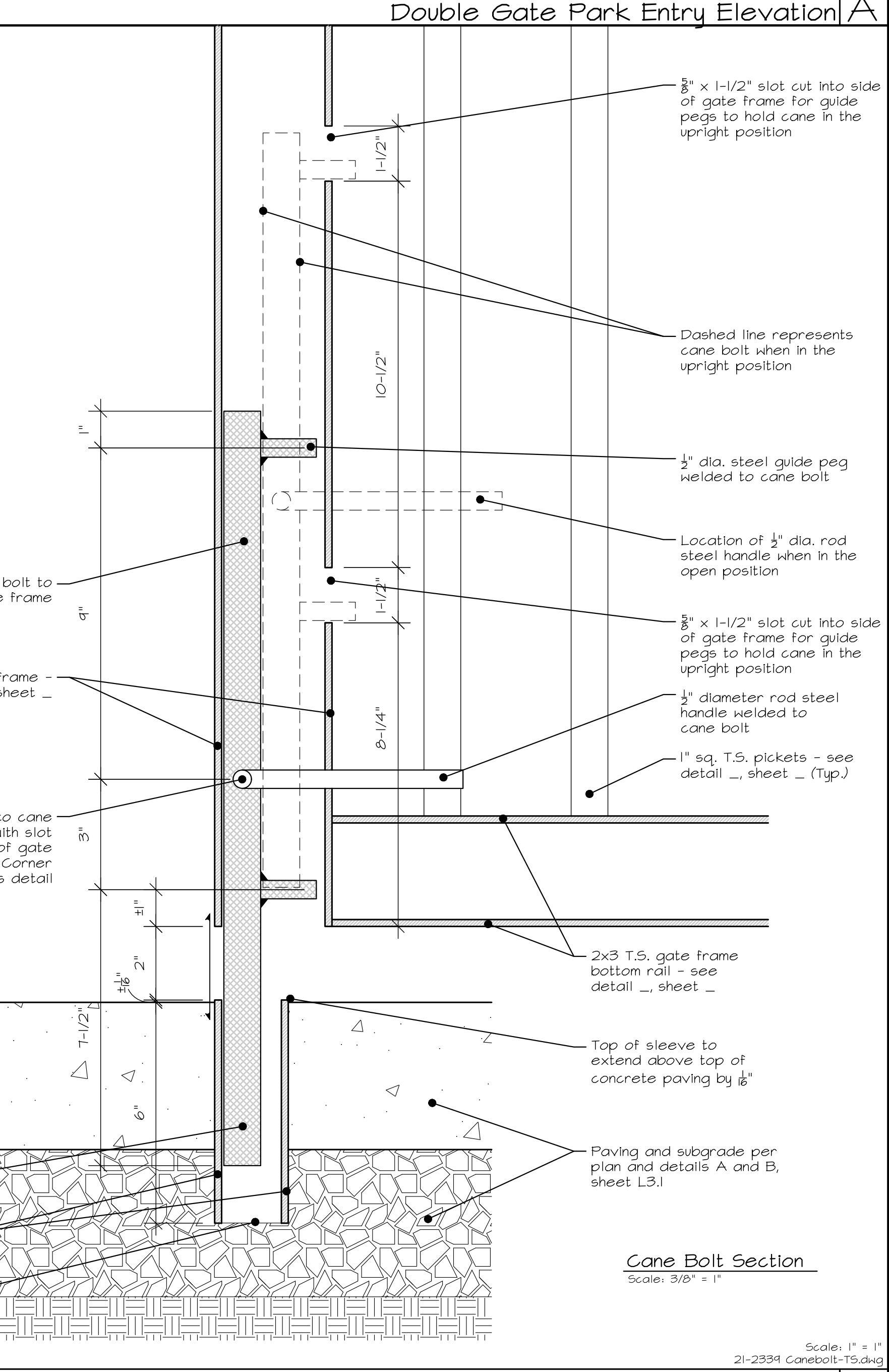
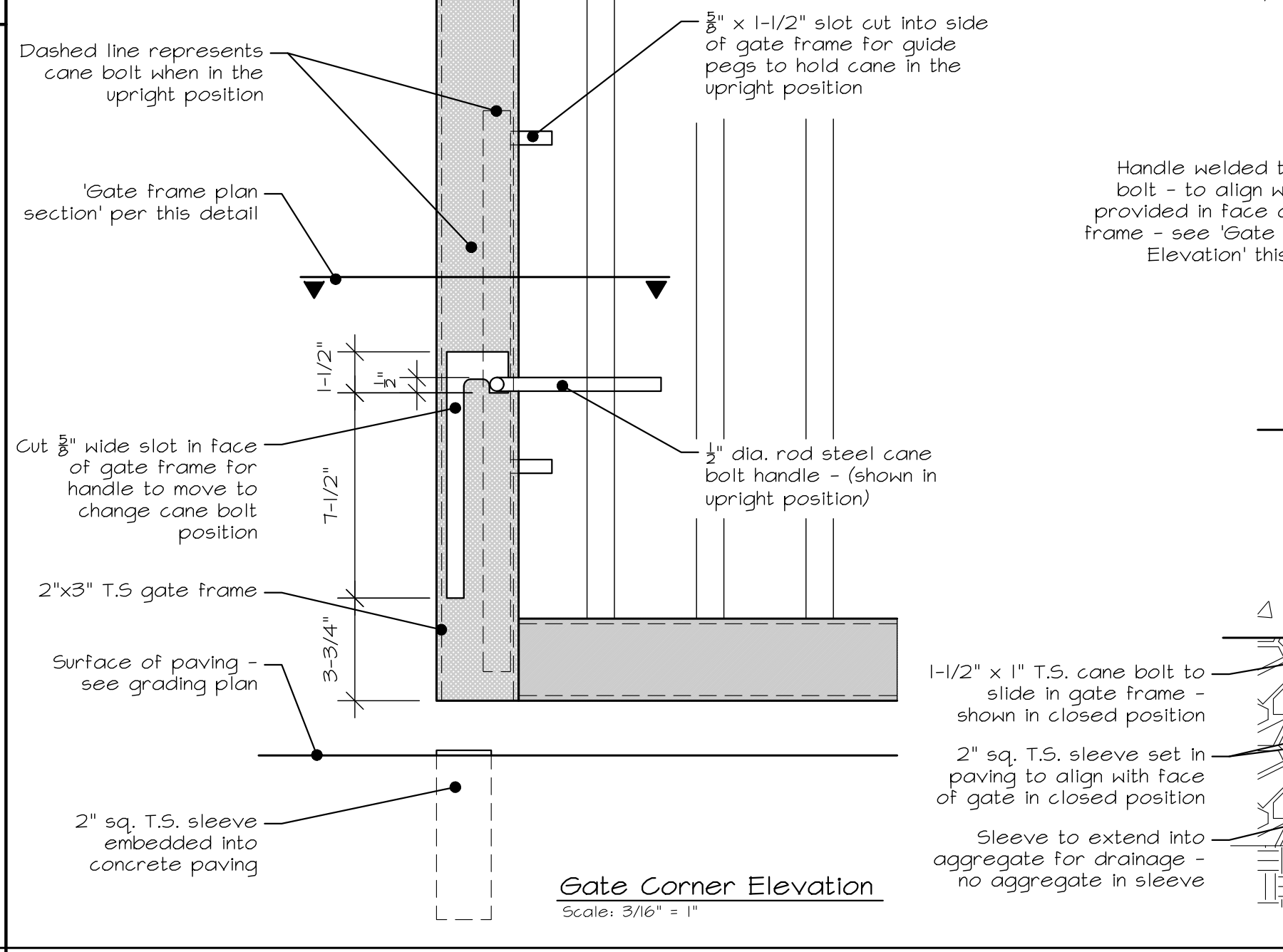
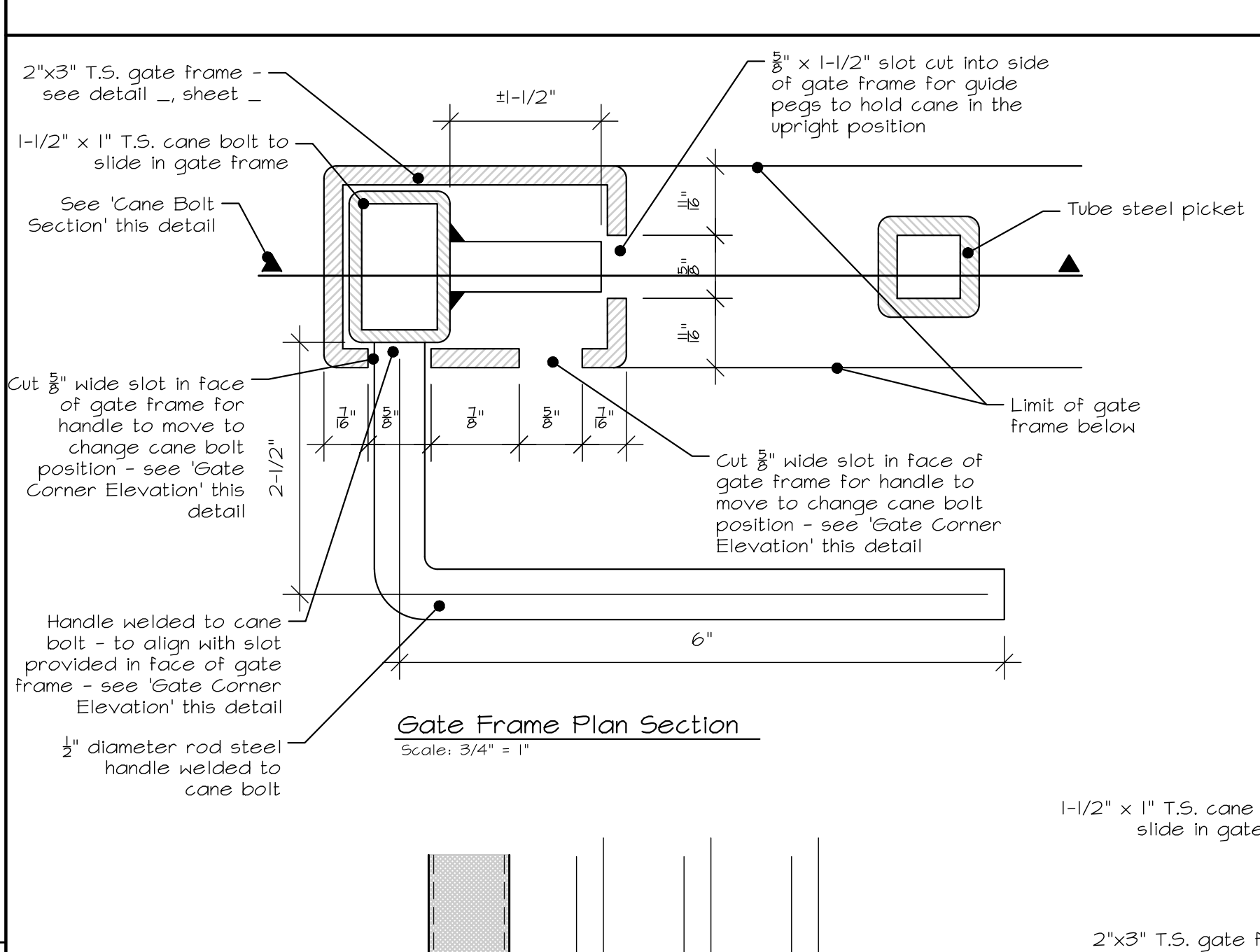
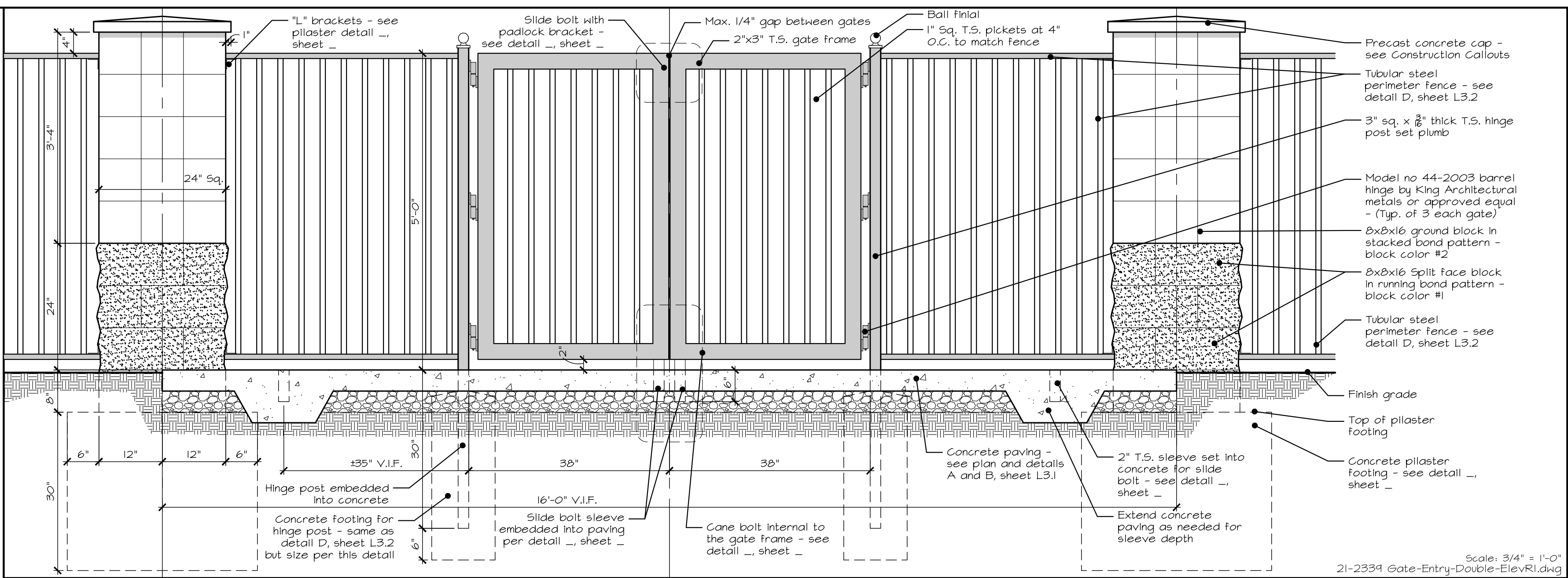
**Project No.:**  
21-2339

**Sheet Number:**

# L3.3



### Surface Mount Bike Rack



### Cane Bolt in Gate Frame







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**Construction Details**

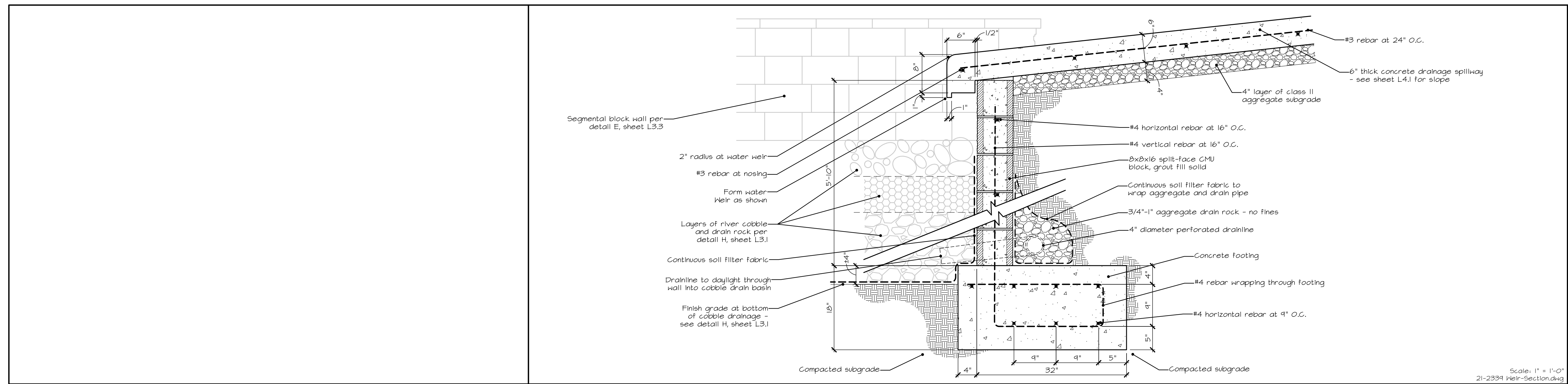
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 See Details

**Date:**  
 August 3, 2022

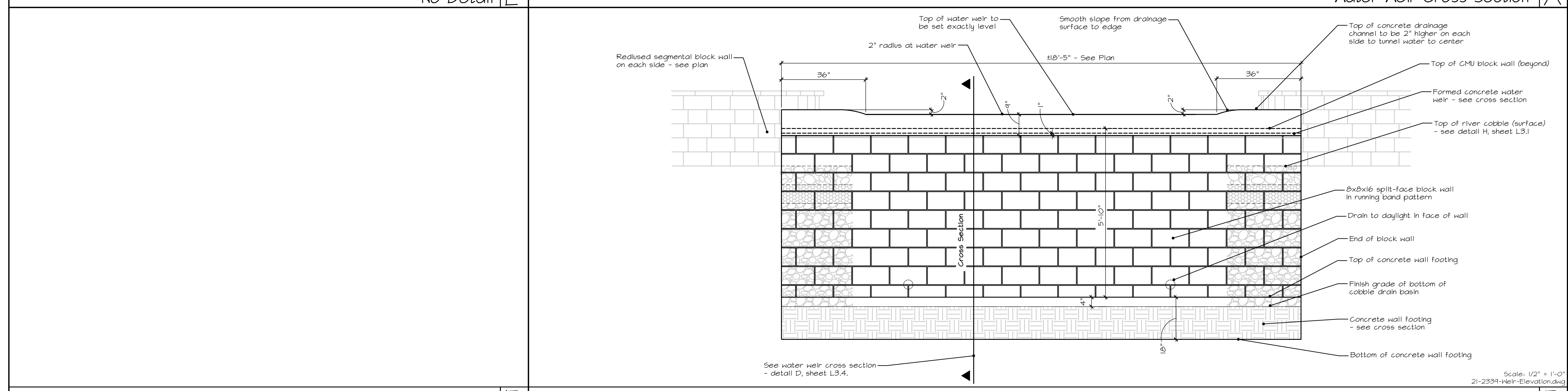
**Drawn/Checked:**  
 AL and NAB / TNH

**Project No.:**  
 21-2334

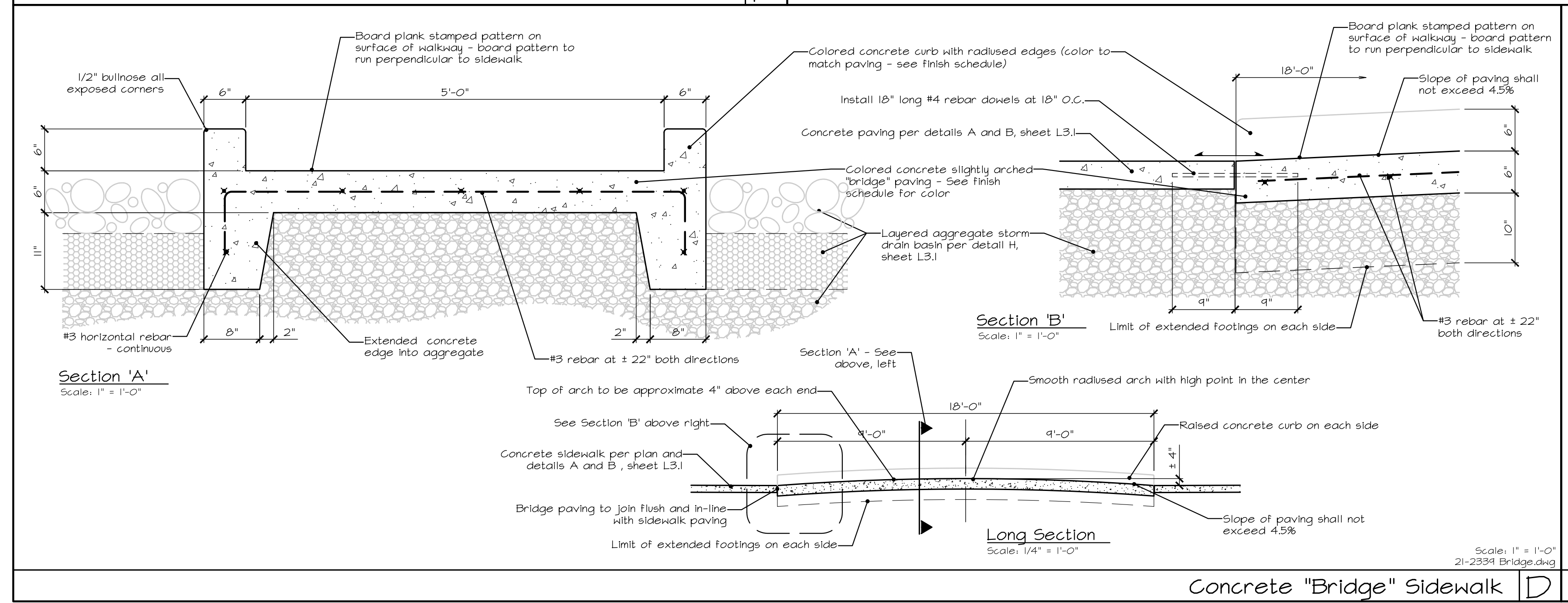
**Sheet Number:**  
 L3.5



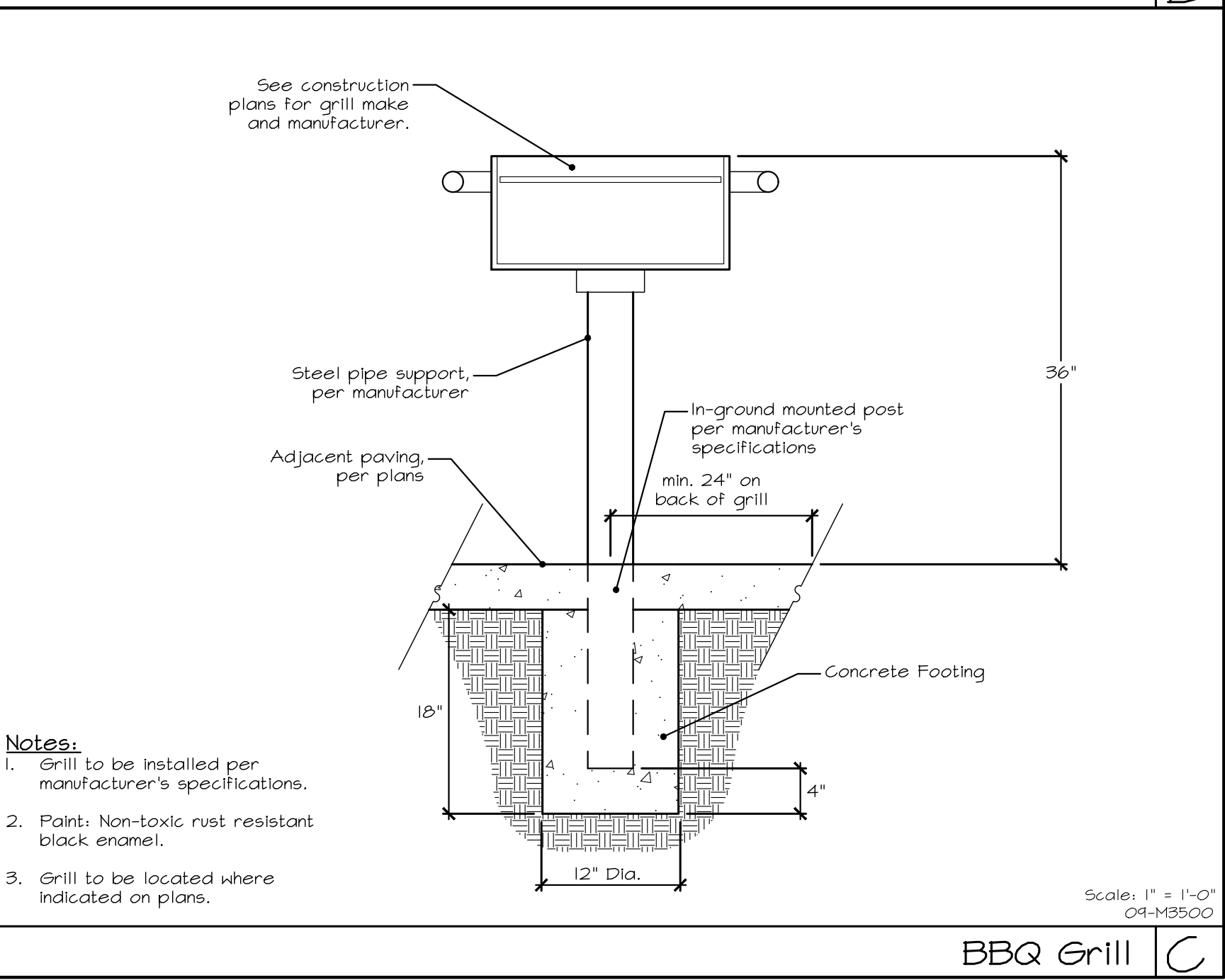
No Detail | E | Water Weir Cross Section | A | Scale: 1" = 1'-0" | 21-2334 Weir-Section.dwg



No Detail | F | Water Weir Elevation | B | Scale: 1/2" = 1'-0" | 21-2334 Weir-Elevation.dwg



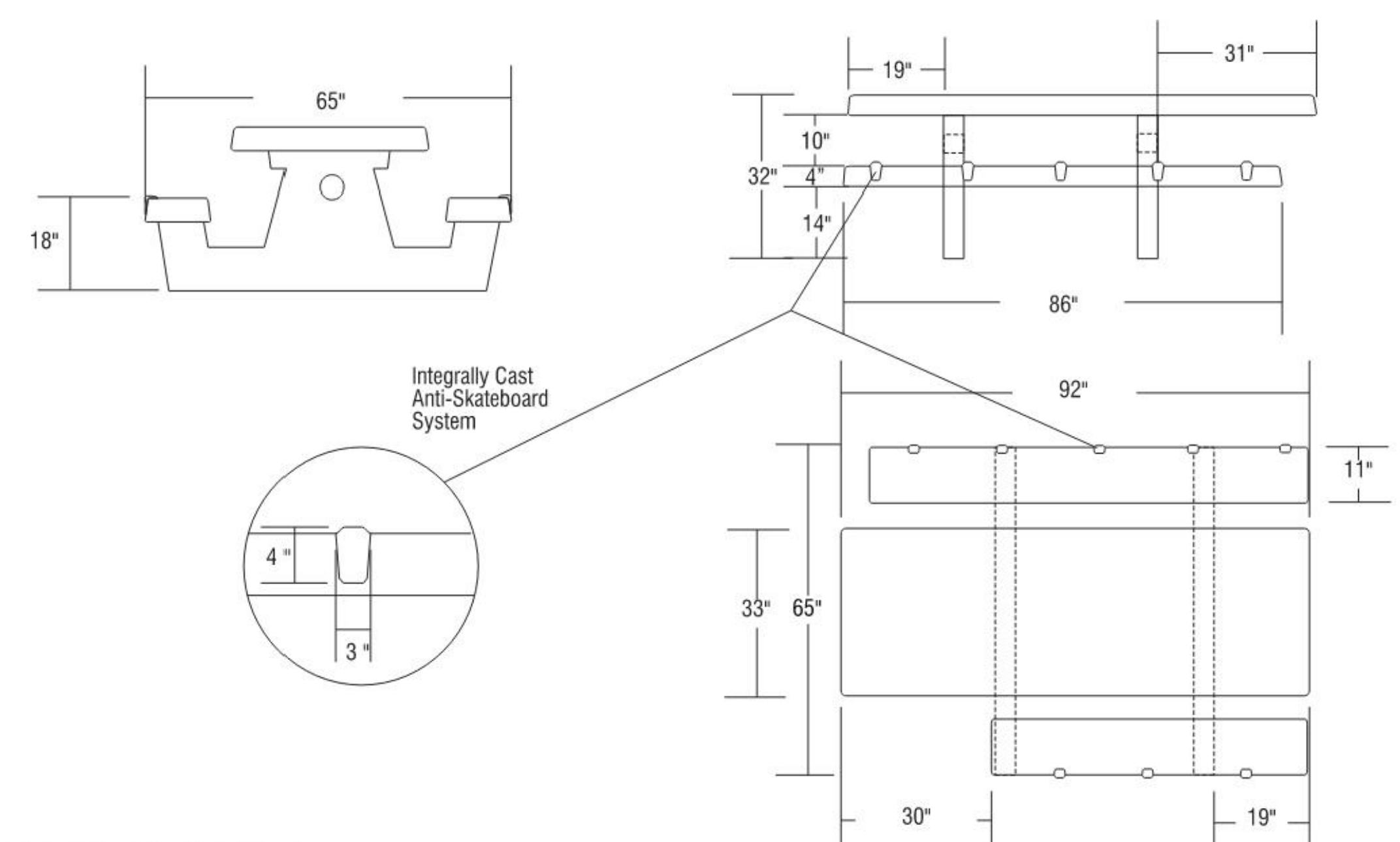
No Detail | D | Concrete "Bridge" Sidewalk | D | Scale: 1/4" = 1'-0" | 21-2334 Bridge.dwg



- Notes:**
- Grill to be installed per manufacturer's specifications.
  - Paint: Non-toxic rust resistant black enamel.
  - Grill to be located where indicated on plans.

Scale: 1" = 1'-0" | 21-2334 BBQ Grill.dwg

MODEL #100FSSKLE CONCRETE PICNIC TABLE SIDE ENTRANCE TABLE - LEFT SIDE, ANTI-SKATE BUMPS	OUTDOOR CREATIONS, INC. CUSTOMER APPROVAL x	SCALE: 1" = 32" DRAWN BY: MNC	MAN. TOL. +/- 1/4"
---	--	----------------------------------	--------------------

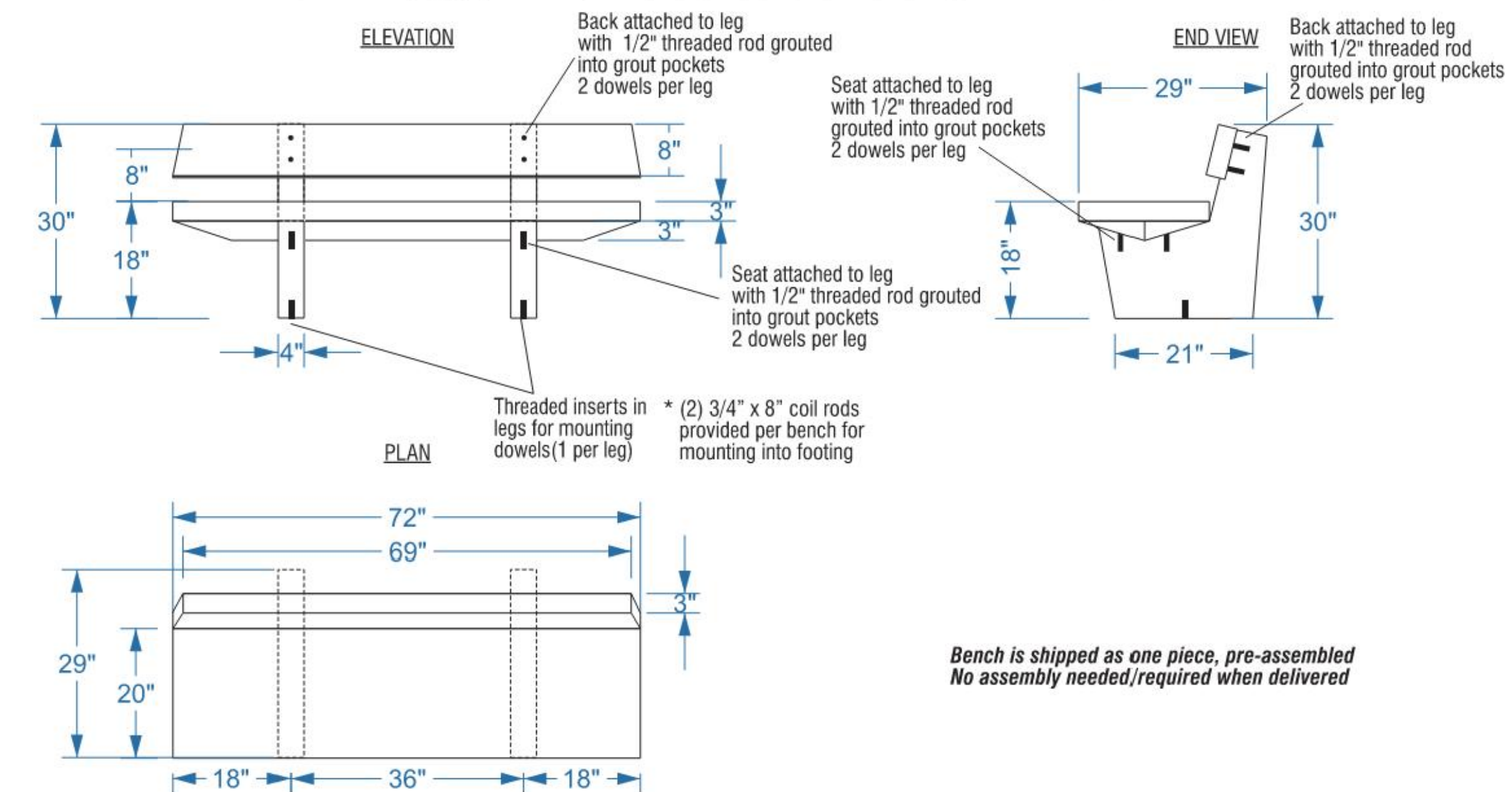


NOTES:  
 1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.  
 2. Final product shall be reinforced with #4 and #5 rebar grid.  
 3. Product is cast in 1-piece with no assembly required.  
 4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.  
 5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.  
 6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.  
 7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

WEIGHT: 2350 LBS  
 TEXTURE:  
 COLOR:  
 SEALER:  
  
 2270 Barney Street  
 Anderson, CA 96007  
 (530) 365-6106  
 FAX (530) 365-5129

Picnic Table C

MODEL # 424 - ANGLED BENCH WITH BACK	OUTDOOR CREATIONS, INC. CUSTOMER APPROVAL x	SCALE: 1" = 24" DRAWN BY: MNC	MAN. TOL. +/- 1/4"
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NOTES:  
 1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.  
 2. Final product shall be reinforced with #4 and #5 rebar grid.  
 3. Product is shipped as 1-piece with no assembly required.  
 4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.  
 5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.  
 6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.  
 7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

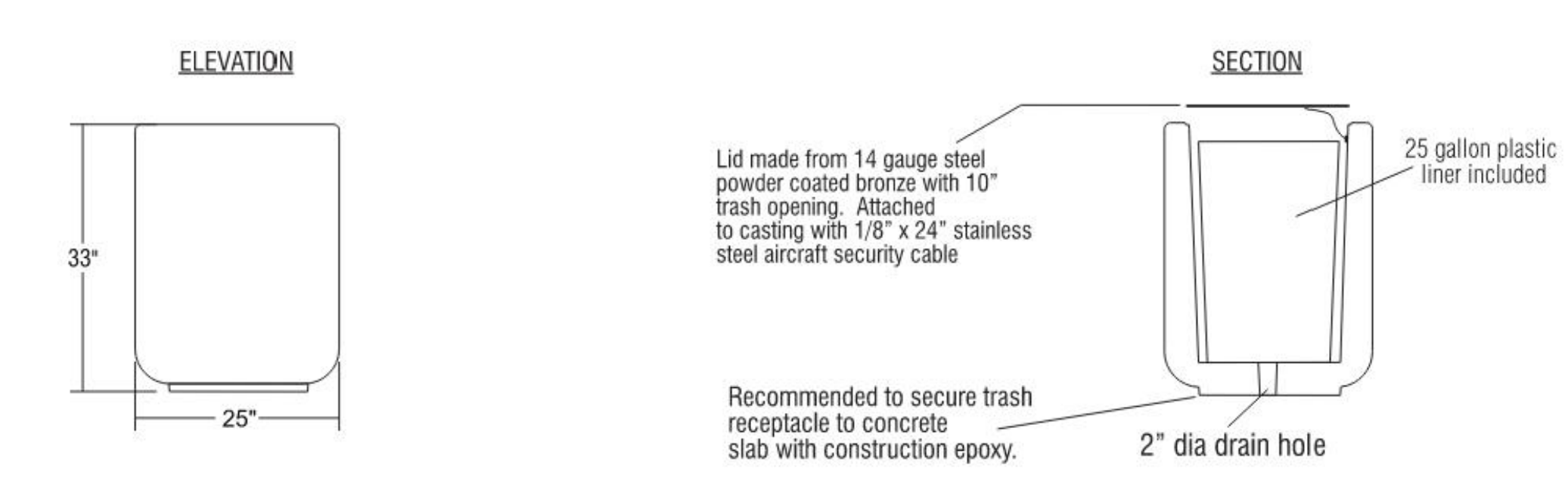
INSTALLATION REQUIREMENTS:  
 1. Bench requires epoxy applied to cover bottom of entire leg.  
 2. Epoxy adhesive should be checked periodically to ensure continued adhesion.  
 3. Bench must also be mechanically attached.

WEIGHT: 1200 LBS  
 TEXTURE:  
 COLOR:  
 SEALER:  
  
 2270 Barney Street  
 Anderson, CA 96007  
 (530) 365-6106  
 FAX (530) 365-5129


Bench is shipped as one piece, pre-assembled  
 No assembly needed/required when delivered

Bench A

MODEL #510 CONCRETE WASTE RECEPTACLE - 25 GALLON ROUND	OUTDOOR CREATIONS, INC. CUSTOMER APPROVAL x	SCALE: 1" = 24" DRAWN BY: MNC
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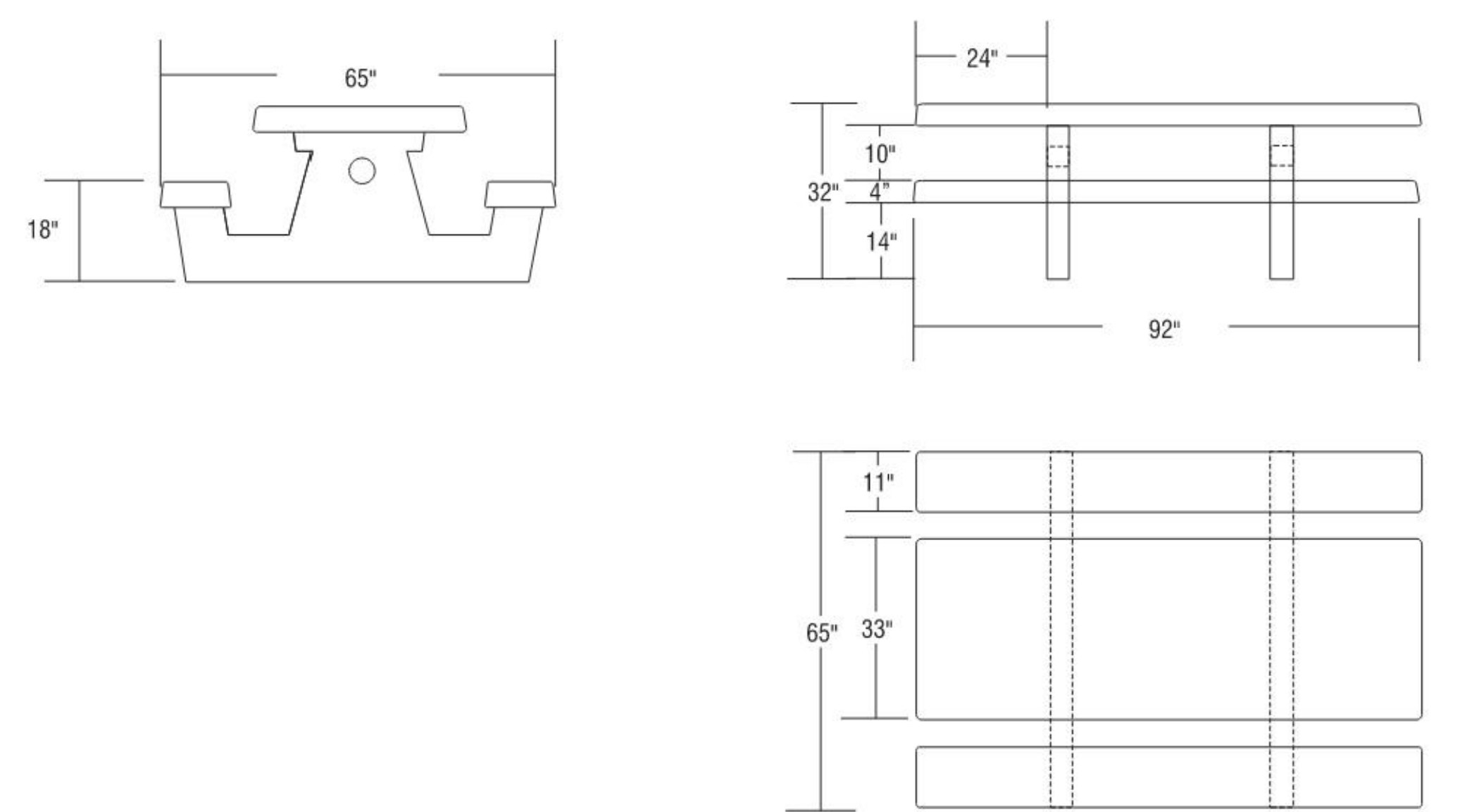


NOTES:  
 1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.  
 2. Final product shall be reinforced with #4 and #5 rebar grid.  
 3. Product is cast in 1-piece with no assembly required.  
 4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.  
 5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.  
 6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.  
 7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

WEIGHT: 1000 LBS  
 TEXTURE:  
 COLOR:  
 SEALER:  
  
 2270 Barney Street  
 Anderson, CA 96007  
 (530) 365-6106  
 FAX (530) 365-5129

Trash D

MODEL #100FSS CONCRETE PICNIC TABLE	OUTDOOR CREATIONS, INC. DATE:	SCALE: 1" = 32" DRAWN BY: MNC
-------------------------------------	----------------------------------	----------------------------------



NOTES:  
 1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.  
 2. Final product shall be reinforced with #4 and #5 rebar grid.  
 3. Product is cast in 1-piece with no assembly required.  
 4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.  
 5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.  
 6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.  
 7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

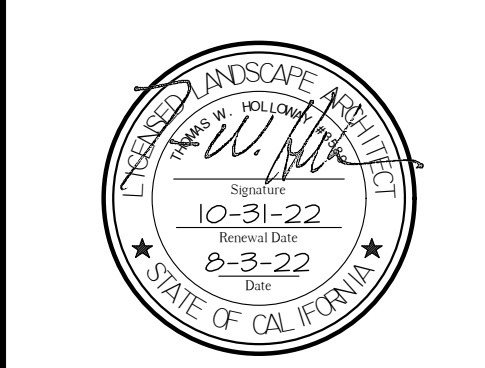
WEIGHT: 2450 LBS  
 TEXTURE:  
 COLOR:  
 SEALER:  
  
 2270 Barney Street  
 Anderson, CA 96007  
 (530) 365-6106  
 FAX (530) 365-5129

 \* Wheelchair Accessibility available at both ends of table to meet A.D.A. Guidelines

Picnic Table B



www.kla-ca.com  
 151 N. Norlin St., Sonoma, CA 95370  
 (209)532-2856



Revisions	Date	By
△	Modification	

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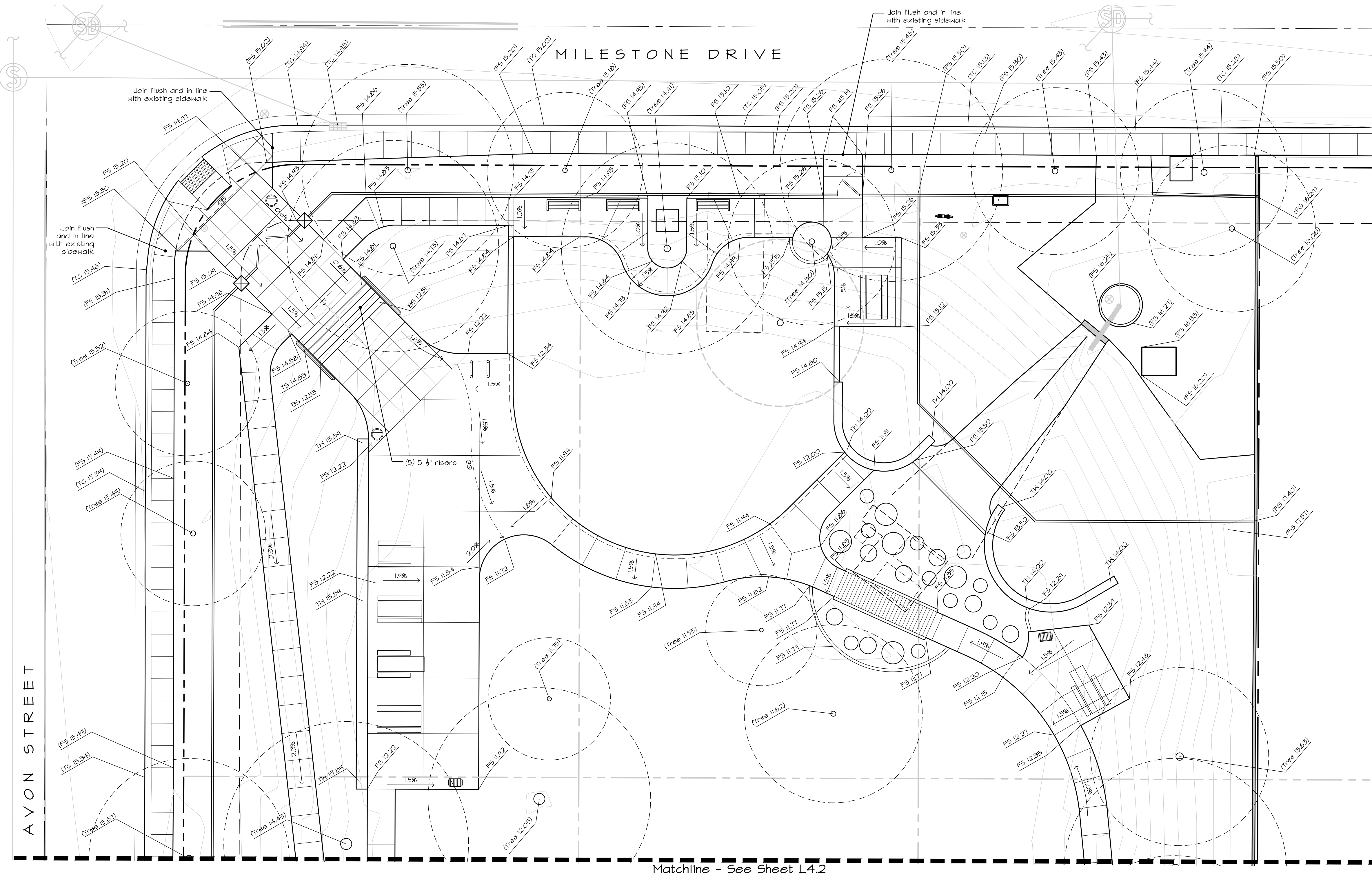
Milestone Park  
 630 Milestone Dr,  
 Lathrop, CA 95330

City of Lathrop  
 390 Towne Centre Dr,  
 Lathrop, CA 95330  
 (209)941-7385

The original size of this drawing is 24" x 36". If the plan is a different size than 24x36 do not scale off of the drawing.

Construction Details

Scale:	See Details
Date:	August 3, 2022
Drawn/Checked:	AL and NAB / THH
Project No.:	21-2339
Sheet Number:	L3.6



**Grading Legend**

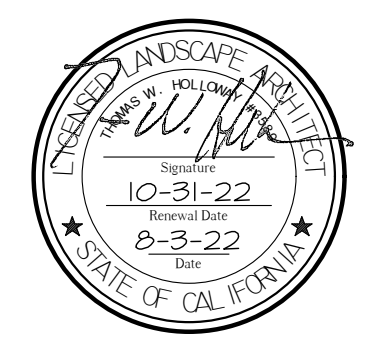
- New grade spot elevations
- Existing grade spot elevations, interpolated from Topography Survey
- Paving Slope Direction
- Landscape Slope Direction
- Catch Basin - NDS 12" square catch basin - model #1200NB with 12" square sand plastic grate - model #1212S. Provide Plug Slide as needed - model #120B, see Detail A, Sheet L4
- Bubble-up drain - NDS 6" round Speed basin - model #101 with NDS 6" round green plastic grate - model #50, see Detail A, Sheet L4
- 4" diameter smooth wall AB5 drainline. Provide positive drainage from inlet to outlet. Provide 45° fittings at all pipe-to-pipe connections.
- BS Bottom Step
- FG Finish Grade (Soil)
- FS Finish surface (Paving)
- GB Grade Break
- HP High Point
- LP Low point
- RIM Top of drain grate
- TC Top of curb
- TS Top of step
- TW Top of wall
- 2% Paving Slope Direction

**General Grading Notes**

1. All landscape drainlines to drain at a minimum of 1% with a smooth continuous fall.
2. All top surfaces of step treads to slope at 1% for drainage.
3. All planted areas to slope to catch basins and/or swales at a minimum of 1.5% slope unless otherwise noted (Plans designed at 2% slope). See civil engineer's plans for swales and drains.
4. Concrete walks to have maximum cross slope of 2% and shall meet all local codes and requirements.
5. Prior to construction and/or landscape grading, the contractor shall verify all utility locations, existing drainage structures, street improvements, and finished floor elevations with the engineer or owner. It is the responsibility of the contractor to notify the owner should there be any discrepancies between the plans and the actual site conditions.
6. All finish grades shall be between 1/2" and 2" below the adjacent paving surfaces unless otherwise noted.
7. Soil level at building to maintain 8" below the level of the Finished Floor Elevation.



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Revisions		
Date	By	Modification

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 Lathrop, CA 95330

**City of Lathrop**  
 390 Towne Centre Dr,  
 Lathrop, CA 95330  
 (209)941-7385

The original size of this drawing is 24" x 36". If the plan is a different size than 24x36 do not scale off of the drawing.

**Grading Plan**

Scale:  
 1" = 10'-0"

Date:  
 August 3, 2022

Drawn/Checked:  
 AL and NAB / THW

Project No.:

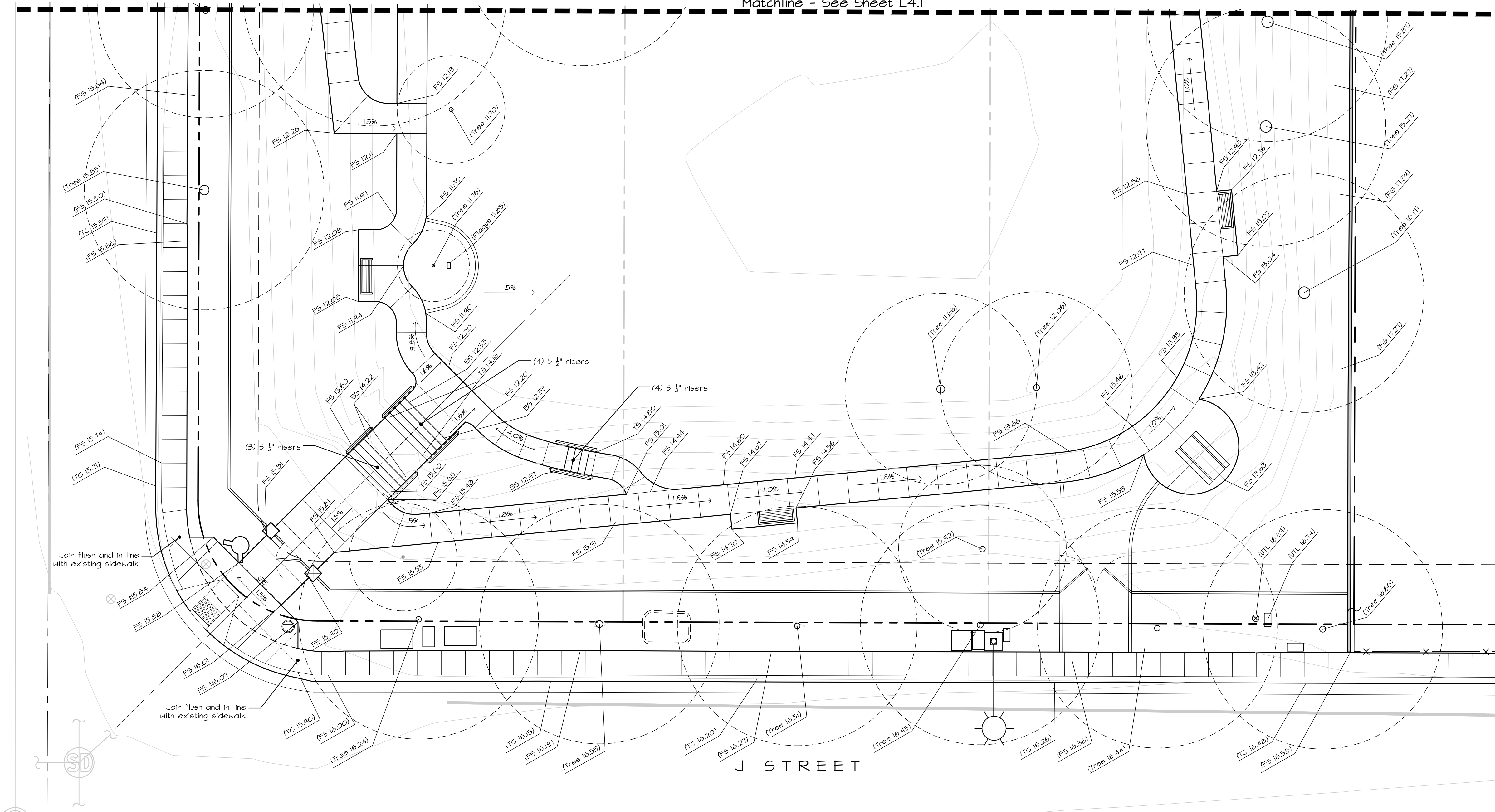
21-2339

Sheet Number:



**L4.1**

Matchline - See Sheet L4.1



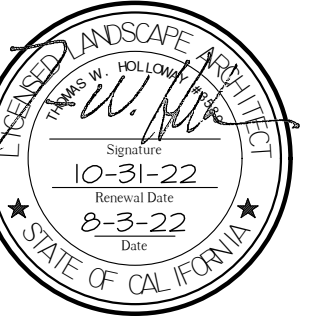
**Grading Legend**

- New grade spot elevations
- Existing grade spot elevations, interpolated from Topography Survey
- Paving Slope Direction
- Landscape Slope Direction
- Catch Basin - NDS 12" square catch basin - model #1200SB with 12" square sand plastic grate - model #1212S. Provide Plug Slide as needed - model #120B, see Detail A, Sheet L4
- Bubble-up drain - NDS 6" round Spee-D basin - model #101 with NDS 6" round green plastic grate - model #50, see Detail A, Sheet L4
- 4" diameter smooth wall ABS drainline. Provide positive drainage from inlet to outlet. Provide 45° fittings at all pipe-to-pipe connections.
- BS Bottom Step
- FS Finish Grade (Soil)
- FS Finish surface (Paving)
- GB Grade Break
- HP High Point
- LP Low Point
- RIM Top of drain grate
- TC Top of curb
- TN Top of wall
- ZS Paving Slope Direction



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**Revisions**

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The original size of this drawing is 24" x 36". If the plan is a different size than 24x36 do not scale off of the drawing.

**Grading Plan**

Scale:  
1" = 10'-0"

Date:  
August 3, 2022

Drawn/Checked:  
AL and NAB / TWH

Project No.:  
21-2339

Sheet Number:

**L4.2**

