

ADDENDUM No. 1

ITB No. 4459

Gallup Park Universal Access Playground Construction

NEW DUE DATE: November 9, 2016 at 2:00 P.M. (local time)

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for Gallup Park Universal Access Playground Construction, on which proposals will be received on/or before Wednesday, November 9, 2016 at 2:00 P.M.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes 3 pages and 4 attachments.**

Bidder is to acknowledge receipt of this Addendum No. 1, including all attachments in its Bid by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered nonconforming.

The following forms provided within the ITB Document must be included in submitted bids at bid opening.

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these completed forms listed above upon bid opening will be rejected as non-responsive and will not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the Bid documents which are outlined below are referenced to a page or Section in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)	Change
All Mentions	As provided in ITB Document: Bid Due Date: Monday, November 7, 2016 by 10:00 a.m. (local time) As updated herein: Bid Due Date: Wednesday, November 9, 2016 by 2:00 p.m. (local time)
Bid Form BF-2:	Remove item #26 - Asphalt Path Complete, as it is a duplicate of item #13
Sheets L1.0 and L4.1	Replace with sheets attached to this addendum
Add pgs 1-5	Chain link fence specification

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the ITB. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Please post the pre-bid sign in sheet

Answer 1: Posted as part of this bid.

Question 2: Can you provide a take off for the quantity of colors for the PIP safety surfacing?

Answer 2: Play Surface Type A: 697 sf
Play Surface Type B: 331 sf
Play Surface Type C: 1049 sf
Play Surface Type D: 456 sf
Play Surface Type E: 427 sf
Play Surface Type F: 1266 sf
Play Surface Type G: 152 sf
Play Surface Type H: 1832 sf

Question 3: Will the colors for the safety surfacing be pure color or any black mixed in?

Answer 3: The colors for the PIP safety surfacing will be 50% black.

Question 4: Will the City be doing the layout and staking?

Answer 4: No, the contractor will be doing the layout and staking.

Question 5: Will any vegetation need to be removed as part of this project?

Answer 5: Yes, shoreline vegetation removal, as well as some individual trees will need to be removed as part of this project as shown on the plan.

Question 6: Is it possible to extend the bid due date by a few days?

Answer 6: The due date is being moved to Wednesday, November 9 at 2:00 p.m.

Question 7: What line item should the removal to save items be allocated to?

Answer 7: All removals shown on sheet L1.0 should be included in line item #3, Earthwork and grading, including asphalt path removal, as well as benches, plaques and signs. All vegetation removal should be included in item #4, Shoreline vegetation removal complete.

Question 8: Is all material testing to be provided by the owner as noted in the bid under "Cast-in-Place Concrete" and "Asphalt Paving"? In the "Concrete Paving" section it refers to comply with ACI 301 but doesn't specify any testing done by owner. In general, what testing is to be supplied by the contractor?

Answer 8: All material testing will be done by owner.

Question 9: Is testing going to be required for the gravel base under the PIP?

Answer 9: Yes, to be completed by owner.

Question 10: Please confirm that the actual square footage for the PIP is 6207 SF. Can you provide a breakdown of square footage per the different fall height areas?

Answer 10: River Area – 6' fall height: 1,940 s.f.
Woodland Area – 6' fall height: 1,028 s.f.
Prairie Area – 10' fall height: 2,956 s.f.
Cozy Dome area – 4' fall height: 283 s.f.

Question 11: Alt 2: Can you clarify what “fewer play surface colors” means.

Answer 11: See page L2.2, Sheet note #4

Question 12: Regarding line item #3; Is there a specific requirement for the sand type? i.e. play sand, dune sand, mason sand etc. All three have a different price point.

Answer 12: Play sand is to be specified for this project.

Respondents are responsible for any conclusions that they may draw from the information contained in the Addendum.

CHAIN LINK FENCES AND GATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Chain-link fences.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.

- 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for the following:

- a. Fence posts, rails, and fittings.
- b. Chain-link fabric, reinforcements, and attachments.

- B. Shop Drawings: For each type of fence assembly.

- 1. Include plans, elevations, sections, details, and attachments to other work.
- 2. Include accessories and hardware.

1.4 INFORMATIONAL SUBMITTALS

- A. Product Certificates: For each type of chain-link fence.

- B. Product Test Reports: For framework strength according to ASTM F 1043, for tests performed by manufacturer and witnessed by a qualified testing agency or a qualified testing agency.

- C. Field quality-control reports.

- D. Sample Warranty: For special warranty.

1.5 QUALITY ASSURANCE

- A. Testing Agency Qualifications: For testing fence grounding; member company of NETA or an NRTL.

- 1. Testing Agency's Field Supervisor: Certified by NETA to supervise on-site testing.

1.6 FIELD CONDITIONS

- A. Field Measurements: Verify layout information for chain-link fences shown on Drawings in relation to property survey and existing structures. Verify dimensions by field measurements.

1.7 WARRANTY

- A. Special Warranty: Installer agrees to repair or replace components of chain-link fences and gates that fail in materials or workmanship within specified warranty period.
1. Failures include, but are not limited to, the following:
 - a. Failure to comply with performance requirements.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - c. Faulty operation of gate operators and controls.
 2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 CHAIN-LINK FENCE FABRIC

- A. General: Provide fabric in one-piece heights measured between top and bottom of outer edge of selvage knuckle or twist according to "CLFMI Product Manual" and requirements indicated below:
1. Fabric Height: As indicated on Drawings.
 2. Steel Wire for Fabric:
 - a. Mesh Size: 2 inches (50 mm), 9 gauge steel.
 - b. Zinc-Coated Fabric: ASTM A 392, Type II, Class 1, 1.2 oz./sq. ft. (366 g/sq. m) with zinc coating applied after weaving.
 - c. Polymer-Coated Fabric: ASTM F 668, Class 2a over zinc-coated steel wire.
 - 1) Color: Black, according to ASTM F 934.
 - d. Coat selvage ends of metallic-coated fabric before the weaving process with manufacturer's standard clear protective coating.
 3. Selvage: Knuckled at both selvages.

2.2 FENCE FRAMEWORK

- A. Posts and Rails: ASTM F 1043 for framework, including rails, braces, and line; terminal; and corner posts. Provide members with minimum dimensions and wall thickness according to ASTM F 1043 or ASTM F 1083 based on the following:
1. Fence Height: As indicated on Drawings.
 2. Heavy-Industrial-Strength Material: Group IA, round steel pipe, Schedule 40.
 - a. Line Post: As indicated on Drawings.
 - b. End, Corner, and Pull Posts: As indicated on Drawings.
 3. Horizontal Framework Members: Intermediate, top, and bottom rails according to ASTM F 1043.
 - a. Top and Mid Rail: As indicated on Drawings.
 4. Brace Rails: ASTM F 1043.

5. Metallic Coating for Steel Framework:
 - a. Type A: Not less than minimum 2.0-oz./sq. ft. (0.61-kg/sq. m) average zinc coating according to ASTM A 123/A 123M or 4.0-oz./sq. ft. (1.22-kg/sq. m) zinc coating according to ASTM A 653/A 653M.
 - b. Type B: Zinc with organic overcoat, consisting of a minimum of 0.9 oz./sq. ft. (0.27 kg/sq. m) of zinc after welding, a chromate conversion coating, and a clear, verifiable polymer film.
 - c. External, Type B: Zinc with organic overcoat, consisting of a minimum of 0.9 oz./sq. ft. (0.27 kg/sq. m) of zinc after welding, a chromate conversion coating, and a clear, verifiable polymer film. Internal, Type D, consisting of 81 percent, not less than 0.3-mil- (0.0076-mm-) thick, zinc-pigmented coating.
6. Polymer coating over metallic coating.
 - a. Color: Black, according to ASTM F 934.

2.3 FITTINGS

- A. Provide fittings according to ASTM F 626.

PART 3 - APPLICATION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, pavement work, and other conditions affecting performance of the Work.
 1. Do not begin installation before final grading is completed unless otherwise permitted by Owner's Representative.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Stake locations of fence lines and terminal posts. Do not exceed intervals of 500 feet (152 m) or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

3.3 CHAIN-LINK FENCE INSTALLATION

- A. Install chain-link fencing according to ASTM F 567 and more stringent requirements specified.
 1. Install fencing on established boundary lines inside property line.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.
- C. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.

2. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
 - a. Concealed Concrete: Place top of concrete as indicated on Drawings to allow covering with surface material.
 - D. Terminal Posts: Install terminal end, corner, and gate posts according to ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment as indicated on Drawings. For runs exceeding 500 feet (152 m), space pull posts an equal distance between corner or end posts.
 - E. Line Posts: Space line posts uniformly as indicated on Drawings.
 - F. Post Bracing and Intermediate Rails: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Diagonally brace terminal posts to adjacent line posts with truss rods and turnbuckles. Install braces at end and gate posts and at both sides of corner and pull posts.
 1. Locate horizontal braces at midheight of fabric 72 inches (1830 mm) or higher, on fences with top rail, and at two-third fabric height on fences without top rail. Install so posts are plumb when diagonal rod is under proper tension.
 - G. Top Rail: Install according to ASTM F 567, maintaining plumb position and alignment of fence posts. Run rail continuously through line post caps, bending to radius for curved runs and terminating into rail end attached to posts or post caps fabricated to receive rail at terminal posts. Provide expansion couplings as recommended in writing by fencing manufacturer.
 - H. Intermediate and Bottom Rails: Secure to posts with fittings.
 - I. Chain-Link Fabric: Apply fabric to outside of enclosing framework. Leave [1-inch (25-mm) bottom clearance between finish grade or surface and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails, and tension wires. Anchor to framework so fabric remains under tension after pulling force is released.
 - J. Tension or Stretcher Bars: Thread through fabric and secure to end, corner, pull, and gate posts, with tension bands spaced not more than 15 inches (380 mm) o.c.
 - K. Tie Wires: Use wire of proper length to firmly secure fabric to line posts and rails. Attach wire at one end to chain-link fabric, wrap wire around post a minimum of 180 degrees, and attach other end to chain-link fabric according to ASTM F 626. Bend ends of wire to minimize hazard to individuals and clothing.
 1. Maximum Spacing: Tie fabric to line posts at 12 inches (300 mm) o.c. and to braces at 24 inches (610 mm) o.c.
 - L. Fasteners: Install nuts for tension bands and carriage bolts on the side of fence opposite the fabric side.
- 3.4 ADJUSTING
- A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.
 - B. Lubricate hardware and other moving parts.
- 3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain chain-link fences and gates.

****END OF SECTION****



3000 Fuller Road
Ann Arbor, MI 48105

**ROTARY CLUB OF ANN
ARBOR CENTENNIAL
PLAYGROUND**

Owner:
CITY OF ANN ARBOR

SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR _____ REV _____ DATE _____

ADDENDUM #1 _____ 01NOV2016
BIDS _____ 14OCT2016

SEALS AND SIGNATURES _____

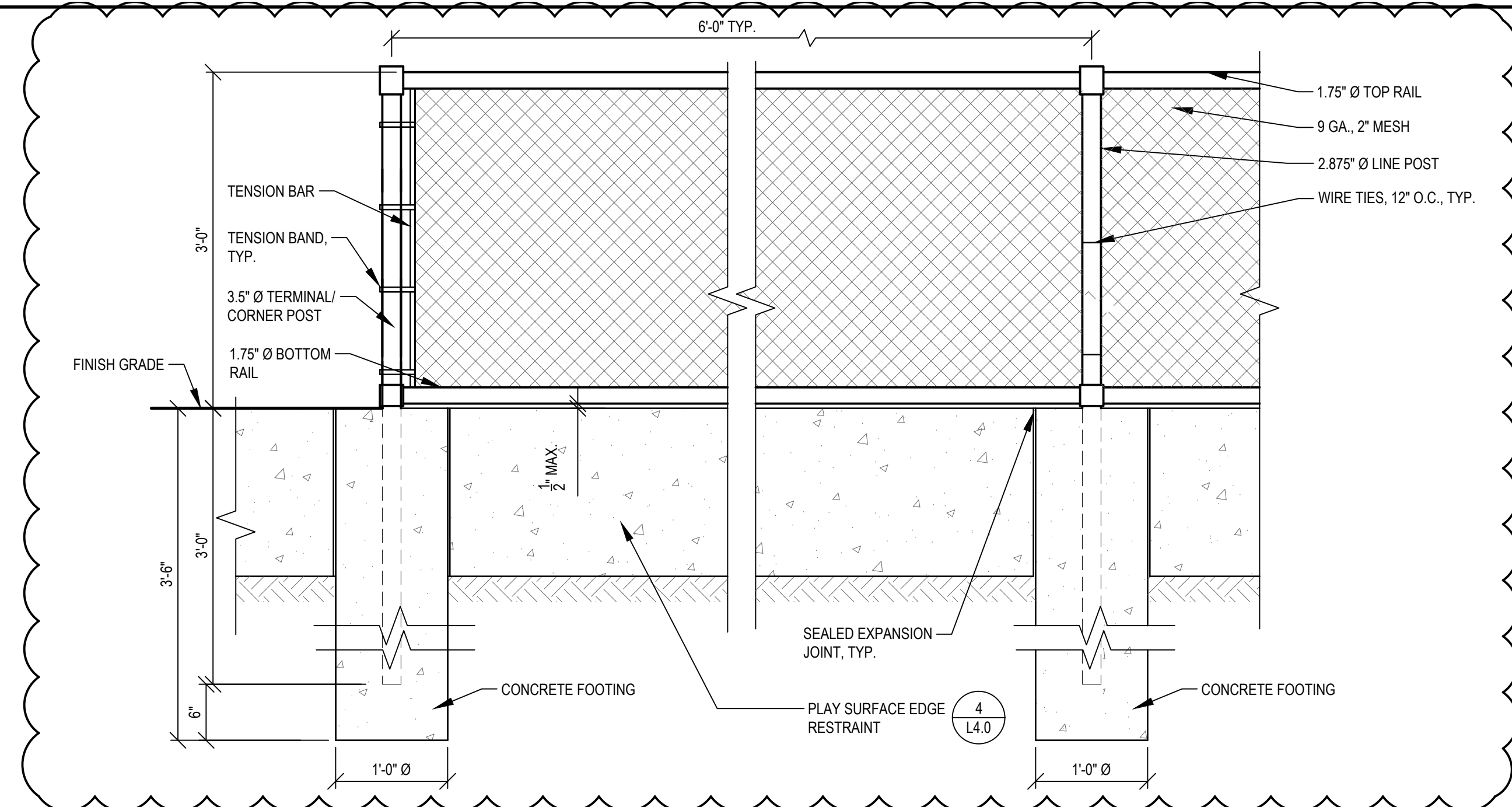
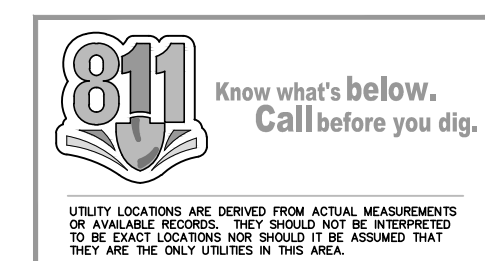
KEY PLAN _____

DRAWING TITLE
SITE DETAILS 2

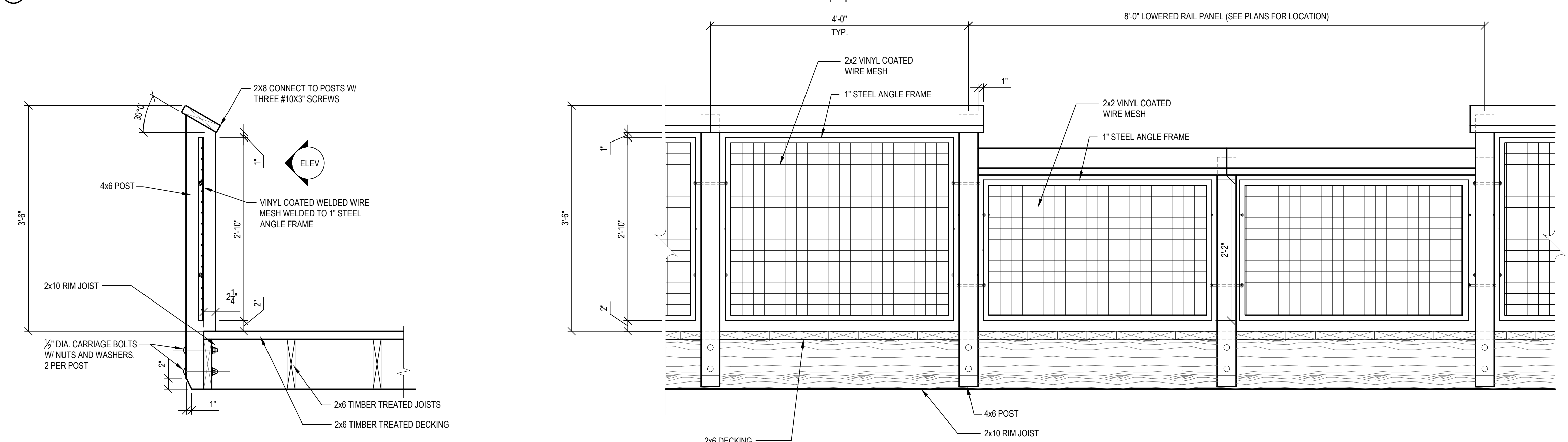
SCALE _____ AS NOTED

PROJECT NUMBER _____ 20678.000

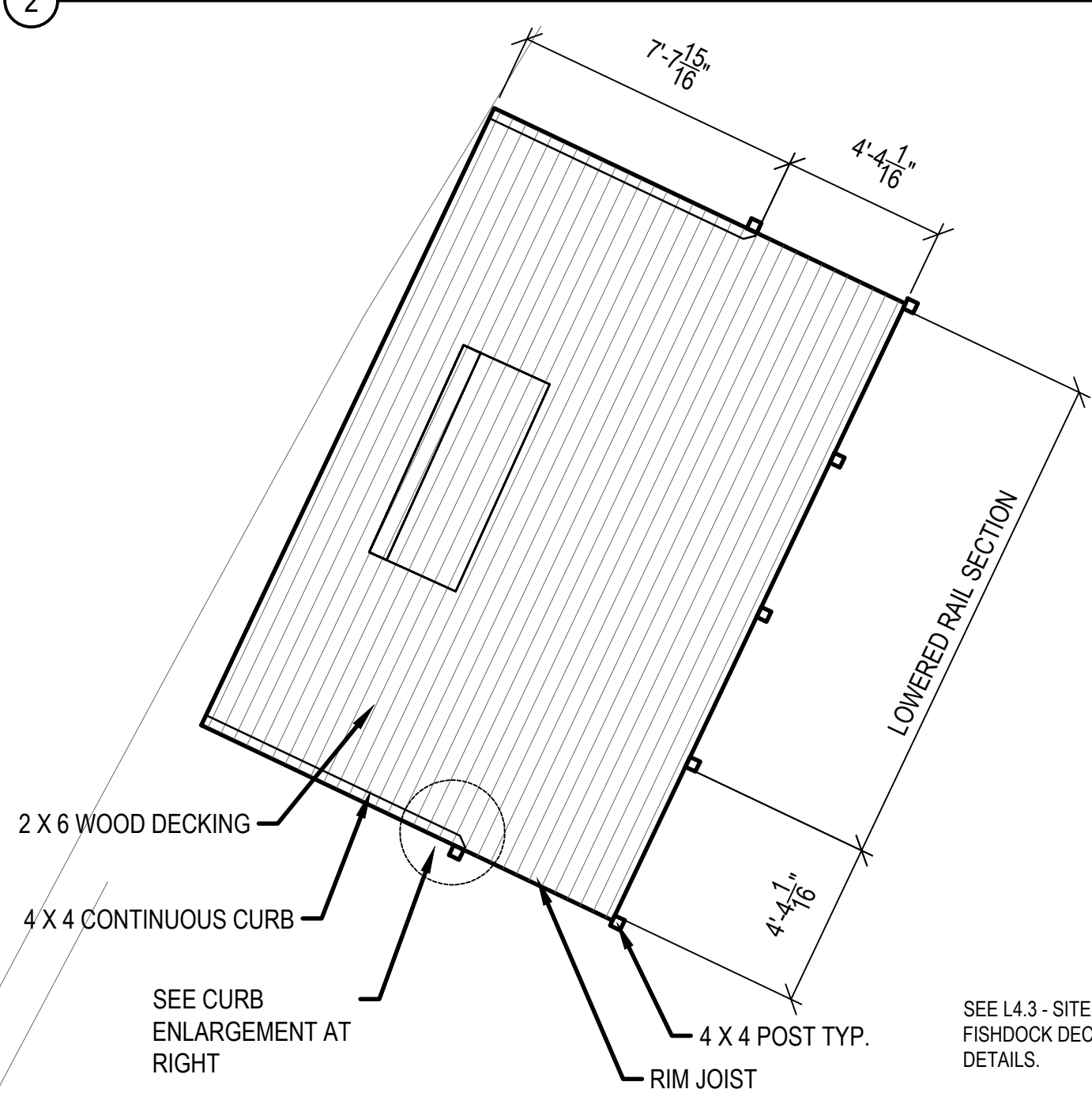
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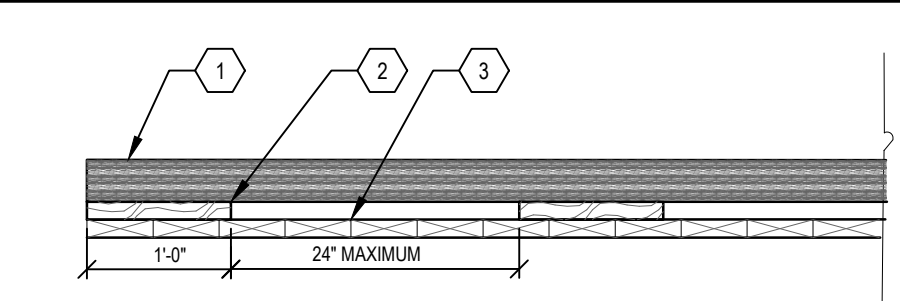
1 PERIMETER FENCE



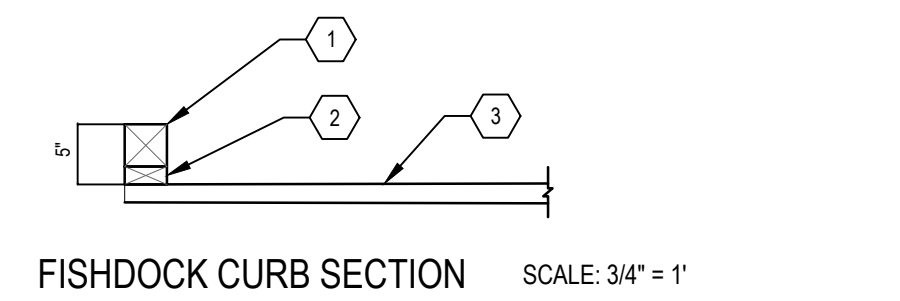
2 FISH DOCK RAIL



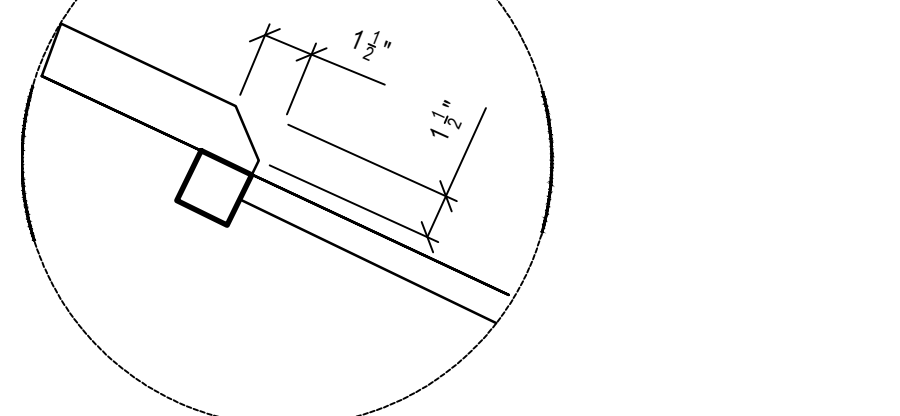
3 FISHDOCK DECK ENLARGEMENT PLAN



FISHDOCK CURB ELEVATION SCALE: 3/4" = 1'



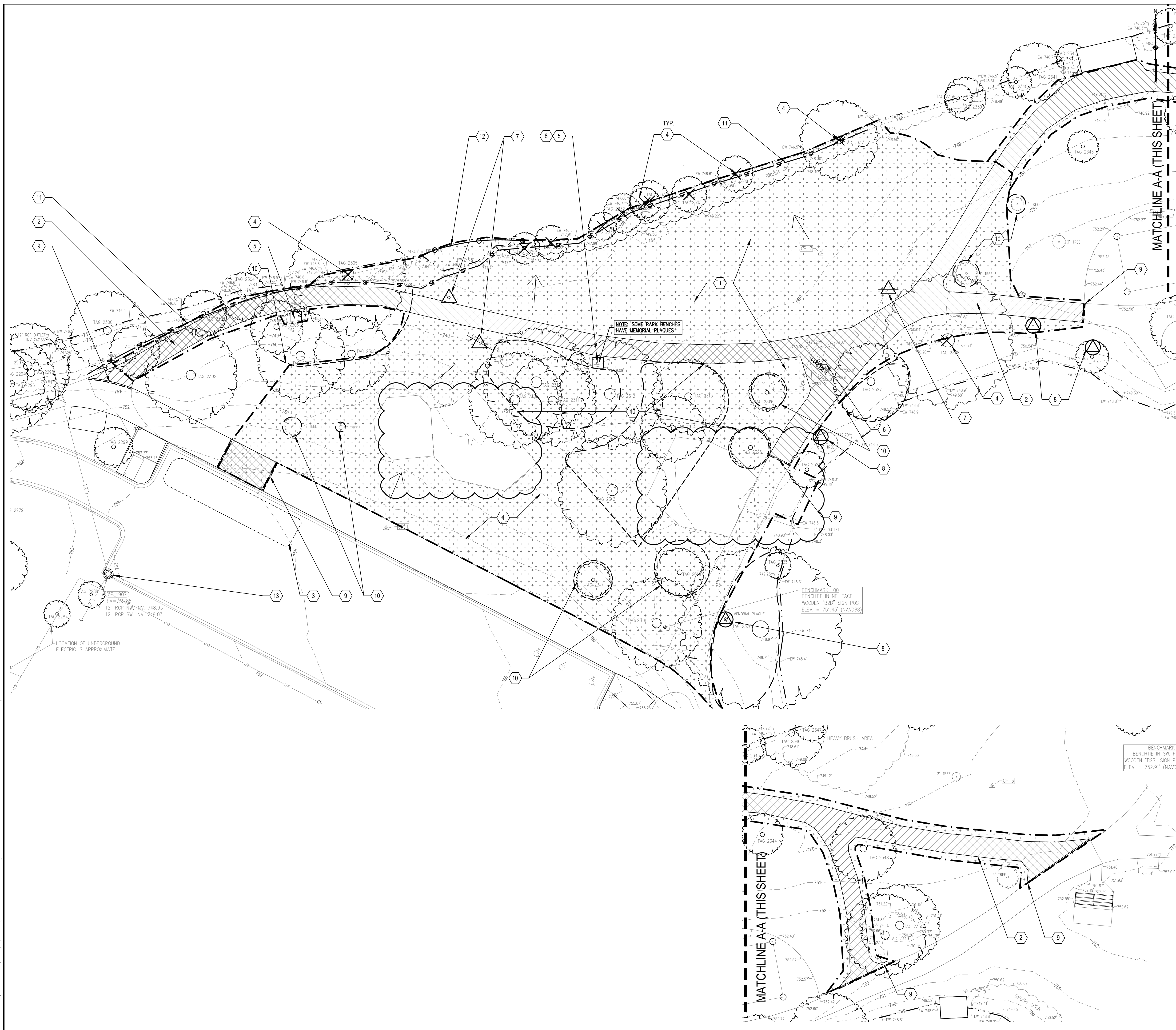
FISHDOCK CURB SECTION SCALE: 3/4" = 1'



CURB ENLARGEMENT SCALE: 1/4" = 1'

AS NOTED

FILE: P:\20678.000\040\Sheet\20678-DETL-SITE-SHIT.dwg USER: kvsramanathan DATE: Nov, 01, 2016 TIME: 10:56 am



SHEET NOTES

1. COORDINATE SITE LOGISTICS, (LIMITS OF CONSTRUCTION STAGING AND STOCKPILING), WITH OWNER PRIOR TO BEGINNING CONSTRUCTION
2. SEE L1.1 FOR SESC NOTES
3. BORDER TO BORDER (B2B) TRAIL SITE IMPROVEMENTS CONSTRUCTION STARTING SUMMER 2016 ADJACENT TO PROJECT SITE. TOPOGRAPHIC SURVEY MAY NOT SHOW ALL IMPROVEMENTS ASSOCIATED WITH THE B2B PROJECT. CONTRACTORS SHALL CONFIRM EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.



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SITE REMOVALS KEYNOTES

- PROJECT LIMITS
- - - EDGE OF WATER
- ← EXISTING DRAINAGE DIRECTION
- 1 [Pattern] CLEARING AND GRUBBING
- 2 [Pattern] ASPHALT PAVEMENT REMOVAL
- 3 [Pattern] STOCKPILE AND CONSTRUCTION STAGING
- 4 [Symbol] TREE REMOVAL
- 5 [Symbol] REMOVE BENCH, SALVAGE TO OWNER
- 6 [Symbol] REMOVE SIGN AND FOOTING
- 7 [Symbol] SALVAGE B2B PARK SIGN TO OWNER
- 8 [Symbol] SALVAGE MEMORIAL PLAQUE TO OWNER
- 9 [Symbol] SAWCUT PAVEMENT

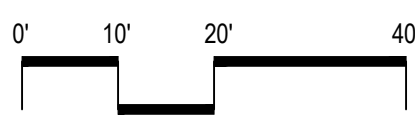
ISSUED FOR	REV	DATE
ADDENDUM #1		01NOV2016
BIDS		14OCT2016

SEALS AND SIGNATURES

KEY PLAN

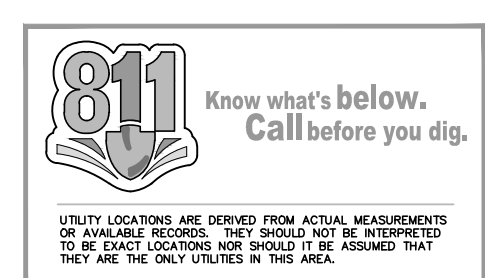
SESC KEYNOTES

- 10 [Symbol] TREE PROTECTION
- 11 [Symbol] SILT FENCE
- 12 [Symbol] TURBIDITY CURTAIN
- 13 [Symbol] INLET FILTER(SILTSACK)
- 2 [Symbol] L1.1
- 1 [Symbol] L1.1
- 3 [Symbol] L1.1
- 4 [Symbol] L1.1



DRAWING TITLE
SITE REMOVALS AND SESC PLAN

SCALE 1"=20'
PROJECT NUMBER 20678.000
DRAWING NUMBER **L1.0**



UTILITY LOCATIONS ARE DERIVED FROM ACTUAL MEASUREMENTS OR AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED AS GUARANTEE OR WARRANTY. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE DATA SHOWN IN THIS DRAWING.