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# ADDENDUM NO. 06

Date of Issuance: January 8, 2025

2024 Jersey Village High School Renovation Project:

Cypress-Fairbanks Independent School District

Issued by: Texas Arcadis Inc.

P.O. Box 891209

Houston, Texas 77289

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Texas Arcadis Inc.

Project No.: 202319

Prepared for: **Prospective Proposers** 

#### PART A: **NOTICE TO PROPOSERS:**

Receipt of this Addendum shall be acknowledged on the Proposal Form. Failure 1. to do so may subject Proposers to disqualification. Each proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarification, and supplemental data included therein.

2025-01-08

- 2. This Addendum forms part of the Contract Documents and shall be incorporated integrally therewith. Where provisions of the following supplemental data differ from those of previously issued documents, this Addendum shall govern.
- 3. The following Contract Documents have been issued to date delineating the Work (Project).

**Contract Documents** December 16, 2024 Addendum No. 01 (Arch) December 20, 2024 December 20, 2024 Addendum No. 02 (MEP) January 7, 2025 Addendum No. 03R (Struct) Addendum No. 04R (Arch) January 7, 2025 Addendum No. 05 (MEP) January 7, 2025

This Addendum consists of: three (3) 8-1/2x11 written pages, five (5) 8-1/2x11 4. pages Spec Section(s) 32 31 19, and one (1) full-size New or Re-issued Sheets / Drawings as described in PARTS E and F below; as prepared by Arcadis. Total pages: nine (9).

#### **GENERAL PROJECT CLARIFICATIONS** PART B:

5. Addenda 03 and 04 were initially sent in error on January 7, 2025. Use Addenda 03R and 04R instead, which were issued immediately after.

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# PART C: CHANGES TO PRIOR ADDENDUM

6. None

# PART D: CHANGES TO THE PROJECT MANUAL

- 7. <u>Table of Contents</u>
  - a. Add Section 32 31 19 Decorative Fence and Gates......1-5
- 8. Section 04 20 00 Unit Masonry
  - a. Page 6, Part 2, Article 2.2, Paragraph B, subparagraph 3, revise as follows:
    - 3. Split Face Polished Concrete Masonry Units (may be referenced on drawings as burnished block) Veneer Application:
  - b. Page 6, Part 2, Article 2.2, Paragraph B, subparagraph 4, remove the term "split face" and replace with "Polished".
  - c. Page 6, Part 2, Article 2.2, Paragraph B, subparagraph 5, remove the term "split face" and replace with "Polished".
- 9. <u>Section 10 10 00 Miscellaneous Specialties</u>
  - a. Page 1, Part 1, Article 1.1, Paragraph B, add the following:06 Portable (Temporary) Classrooms
  - b. Page 4, Part 2, add the following:

# 2.6 PORTABLE (TEMPORARY) CLASSROOMS

- A. Modular built portable classrooms as manufactured by Ramtech Building Systems or approved equal from Willscott or Mobile Modular.
  - 01 Double classroom building Dry. Restroom(s) are not needed.
  - 02 Size: 24' x 64'
  - 03 Quantity: Two (2).
  - Units to have self-contained HVAC unit to heat and cool classroom.
  - O5 Elevate portable classrooms as needed to match elevation of existing or as directed by Authority Having Jurisdiction (AHJ).
  - Of Portable classrooms to be removed once construction is complete.
- 10. Section 32 31 19 Decorative Fence and Gates
  - a. Add this spec section in its entirety. (5 pages)

# PART E: CHANGES TO THE DRAWINGS

- 11. <u>Sheet G1.03 Phasing Composite Site Plan</u>
  - a. Cross out Notes General Phase Scope Summary and Legend Phase Plan. Add "REFER TO DIVISION "01 00 00 SUMMARY OF WORK" FOR PHASING / CONSTRUCTION SCHEDULE" to both notes. See Addendum 04R.
- 12. <u>Sheet G1.05 Phasing 2nd Floor</u> Plan
  - a. Cross out Notes General Phase Scope Summary and Legend Phase Plan. Add "REFER TO DIVISION "01 00 00 SUMMARY OF WORK" FOR PHASING / CONSTRUCTION SCHEDULE" to both notes. See Addendum 04R.

- 13. <u>Sheets A11.01 thru A11.24 Floor Finish Plans for Areas 'A1' thru 'J2'</u>
  - a. Add to Notes General Finish Plans:

\*

REFER TO A7 SERIES FOR ALL *LVT-1, 2, 3, 4, 5\** CORRIDOR WALLS PAINT PATTERNS REFER TO A11 SERIES FOR ALL *LVT-1,2,3\** FLOOR PATTERNS

- 14. Sheet A11.08 Area 'H1' 1st Floor Finish Plan
  - a. Revise wall paint of room CORR MAIN STREET H119 to: PT-1, 2, 3, 4, 5\*
- 15. <u>Sheet A11.09 Area 'J1' 1st Floor Finish Plan</u>
  - a. Add callout "2/A11.26" to Weight Rooms J122 and J124.
  - b. Add callout "1/A11.25" to Gym Multi-Purpose J101.
- 16. <u>Sheet A11.09 Area 'J1' 1st Floor Finish Plan</u>
  - a. Add callout "1/A11.26" to Gym Auxiliary K101.
- 17. Sheet A11.20 Area 'D2' 2nd Floor Finish Plan
  - a. Add callout "1/A11.29" to Library D200.

# PART F: RE-ISSUED SHEETS

- 18. Sheet G1.04 Phasing 1st Floor Plan
  - a. Revise per reissued sheet for phasing construction schedule.
  - b. Revise phasing egress notes per reissued sheet.
  - Add temporary cooler/freezer fencing and temporary buildings notes per reissued sheet.

# PART G: NEW ISSUED SHEETS

19. None.

**END OF ADDENDUM NO. 06** 



### **SECTION 32 31 19**

# DECORATIVE FENCES AND GATES (STEEL)

CONDITIONS OF THE CONTRACT, SECTIONS AA THROUGH CB AND DIVISION 1 APPLY TO THIS SECTION.

# **PART 1 – GENERAL**

### 1.1 DESCRIPTION

- A. Refer to Section AB Instructions to Proposers, Section AF Subcontractor / Manufacturer Prequalification, and Section 01 25 00 – Request for Substitution Procedures.
- B. Scope of Work:
  - O1 Design, fabrication and installation of decorative steel fencing and gates.
  - Refer to Drawings for fencing locations, panel design and gate sizes and locations.
  - O3 Proved all materials and accessories required for a complete installation.
  - O4 Coordinate with other trades as required for proper interface with finish hardware, access control systems and other electrical systems.
- C. Related Work:
  - 01 Section 03 30 00 Cast-In-Place Concrete
  - 02 Section 05 50 00 Metal Fabrication
  - 03 Section 32 31 13 Chain Link Fencing and Gates
  - 04 Section 32 31 26 Traffic Gates

# 1.2 SUBMITTALS

- A. Review and comply with all provisions of Section 01 33 00 Submittal Procedures.
- B. Product Data: Submit manufacturer's literature, product data, certifications and supporting information for all products proposed to be furnished, as necessary to demonstrate compliance with the specified requirements.
- C. Shop Drawings: Submit complete Shop Drawings consisting of design, fabrication and erection / installation of proposed assemblies.
  - O1 Show profiles, sizes, spacing and locations of assembled components.
  - O2 Show details of shop fabrications, connections and details.
  - O3 Show details of field fabrications, connections and details.
  - O4 Site Plan Drawings showing complete layout of fencing, including gates, post sizes and locations and interface with adjacent work.
  - Of If electrically-controlled gates are included, provide detailed Drawings indicating sizes and locations of electrical / control interface and stubup locations. Coordinate with electrical contractor as required.
  - Provide details for post installation, component connections, gates and gate hardware.

- D. Installation Instructions: Submit manufacturer's complete installation instructions, including fastening, for all products and / or assemblies proposed to be furnished.
  - Installation details submitted for review shall be specific to the Work of this Contract and accurately depict interface within the assembly(s) indicated on the Drawings.
  - O2 Generic details that do not depict actual conditions shall not be acceptable.
- E. Maintenance Instructions: Submit manufacturer's complete maintenance instructions and recommendations for all products and / or assemblies proposed to be furnished.
  - 01 Include recommended cleaning products and instructions for use.
  - Where applicable, provide recommended maintenance schedules and procedures.
- F. Color / Finish Samples:
  - O1 Provide two (2) samples of each finish for selection by the Architect.
  - Finish samples shall be provided of / on actual material; paper or digital samples shall not be accepted.
  - Minimum size shall be 3" x 3" but must be large enough to convey attributes of the proposed product.

#### 1.3 REFERENCES

- A. ASTM International:
  - O1 ASTM A653/A653M Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
  - O2 ASTM A500 Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
  - O3 ASTM A513 Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing.
  - 04 ASTM F2408 Standard Specification for Ornamental Fences Employing Galvanized Steel Tubular Pickets.
- B. Refer to Sections 05 12 00 Structural Steel Framing and 05 50 00 Metal Fabrications for additional information and requirements.

# 1.4 WARRANTY

- A. Manufacturer shall provide 20-year limited warranty to repair or replace failure of finish coating.
  - Failure of finish coat shall include peeling, blistering, chipping, cracking, checking, caulking, excessive color change, fading and erosion.

# **PART 2 - PRODUCTS**

# 2.1 MANUFACTURERS

A. Design of ornamental fencing and gates is based on Ameristar Montage Commercial - Majestic fencing as indicated on the Drawings.

# 2.2 GENERAL

- A. Fence design(s), rail and picket configuration(s) and height(s) as indicated on the Drawings.
  - 01 Fence Height: 6'-0".
  - 02 Maximum Post-To-Post Spacing: 8'-0".
- B. Design bottom of fence to be a maximum of 4" above pavement, concrete flatwork or finished grade as applicable. Refer to Civil Drawings for additional information.
- C. After fabrication, materials shall be hot dipped galvanized per ASTM A653 and A90.
- D. Fence / Gate Finish:
  - The manufactured galvanized framework shall be subjected to the PermaCoat® thermal stratification coating process (high-temperature, in-line, multi-stage, multi-layer) including, as a minimum, a six-stage pretreatment/wash (with zinc phosphate), an electrostatic spray application of an epoxy base, and a separate electrostatic spray application of a polyester finish.
  - The base coat shall be a thermosetting epoxy powder coating (gray in color) with a minimum thickness of 2 mils (0.0508mm).
  - The topcoat shall be a "no-mar" TGIC polyester powder coat finish with a minimum thickness of 2 mils (0.0508mm).
  - 04 All fencing and gates shall be coated inside and out.
  - The color shall be as selected by the Architect from manufacturer's full range of standard colors.

# 2.3 FENCING MATERIALS

- A. Fencing shall be fabricated form components welded at all connections to form panels to be attached to posts set in the field.
- B. Fencing Components:
  - O1 Guide Posts and Safety Posts: minimum 4" x 4" x 11 gauge.
  - 02 Line Posts: minimum 2-5/8" x 2-5/8"x16 gauge.
  - O3 Provide post caps at all posts.
  - 04 Rails: minimum 1-7/16" x 1.25" x 14 gauge.
  - O5 Pickets: minimum 3/4""x 16 gauge; spaced at 3-3/4" o.c. between pickets.
- C. Swing Gate Components:
  - O1 Fabricate gates using same components specified for general fencing.
  - O2 Gate Posts: 4" x 4" x 11 gauge minimum.
  - Hinges: Heavy duty, 1/2" minimum j-bolt / steel sleeve with washer and nut to secure hinge. Provide 3 hinges minimum per gate
  - O4 Provide 1/2" minimum crane bolts / drop rods and keeper sleeve.
  - Operator: Provide hasp latch locking device for pad lock.
  - 06 Where indicated by finish hardware set (Section 08 71 00 Door Hardware), coordinate as required to prep gates to receive exit devices or other specified hardware.
  - Of At any gate that does not receive an exit device, contractor shall supply and install chain and American padlock, keyed to District key 64335.
    - a. Chain to be welded to fence and lock to be welded to chain.

- b. All welding to be performed by a certified welder.
- c. Provide five-year warranty against failed welds required.
- O8 Provide other components and accessories required for a complete installation as recommended by the manufacturer.

## D. Gate Interface with Hardware / Access Control:

- O1 At gates to receive exit devices:
  - Provide 18" high, 16 gauge, galvanized C-shaped, mounting plate with hemmed edges, welded to gate frame. Plate to extend full width of gate. Depth of flanges to exceed exit device depth by 1 inch.
  - b. Provide 9 gauge plate behind all components that require a flat surface to mount to. Weld pate to post/rail. Grind welds smooth. Size of plate to be as required for mounting components.
  - c. Within 36" of access exit device on gate and adjacent fencing, provide 12 gauge, expanded, galvanized steel metal or similar means to preclude reaching through fence and activating the exit device.
  - d. Provide one (1) self-closing hydraulic hinge and DINO hinge as required for three (3) total gate hinges minimum. Hydraulic hinge to be Mammoth 180 by Locinox. DINO hinge to be DINO 180° double bearing hinge by Locinox.
  - e. Provide one (1) HES 9500LBM strike latch receiver bracket.
  - f. Provide one (1) DAC Industries 6015 latch protector, 630 finish.
  - g. Provide one (1) aluminum Locinox gate stop with rubber bumper at each man gate leaf.
  - h. Bolts to be Mammoth-P00006000 quick-fix bolts.
  - i. All components to be hot-dipped galvanized. Touch up galvanized finish with specified paint as required.
  - j. Coordinate with Hardware supplier for balance of hardware required to ensure complete installation and operation of gate.
- O2 Coordinate with other trades as required for proper interface of access control devices or other electrical hardware.
  - Provide cut-outs and similar openings as required.
  - b. Provide means of gate / fence components being used as a wireway where required.

# 2.4 ATTIC STOCK

- A. Provide the following attic stock:
  - O1 Fence Panel: Provide ten (10) fence panels per campus.
  - 02 Fence Post: Provide ten (10) fence posts per campus.
  - O3 Gate Hinge: Provide one (1) hydraulic gate closer and hinge (Mammoth-180-HD) per campus.
  - O4 Gate Bolts: Provide five (5) quick fix bolts (Mammoth-P00006000) per campus.

# **PART 3 - EXECUTION**

## 3.1 INSTALLATION

A. General:

- O1 Complete installation in accordance with manufacturer's printed instructions and final reviewed submittals.
- 02 Install all posts plum and properly aligned in straight fence runs.
- O3 At radius or curved fence sections, install posts in segmented layout to create a smooth radius / curved appearance.
- O4 Space line posts at 8'-0" O.C. maximum.

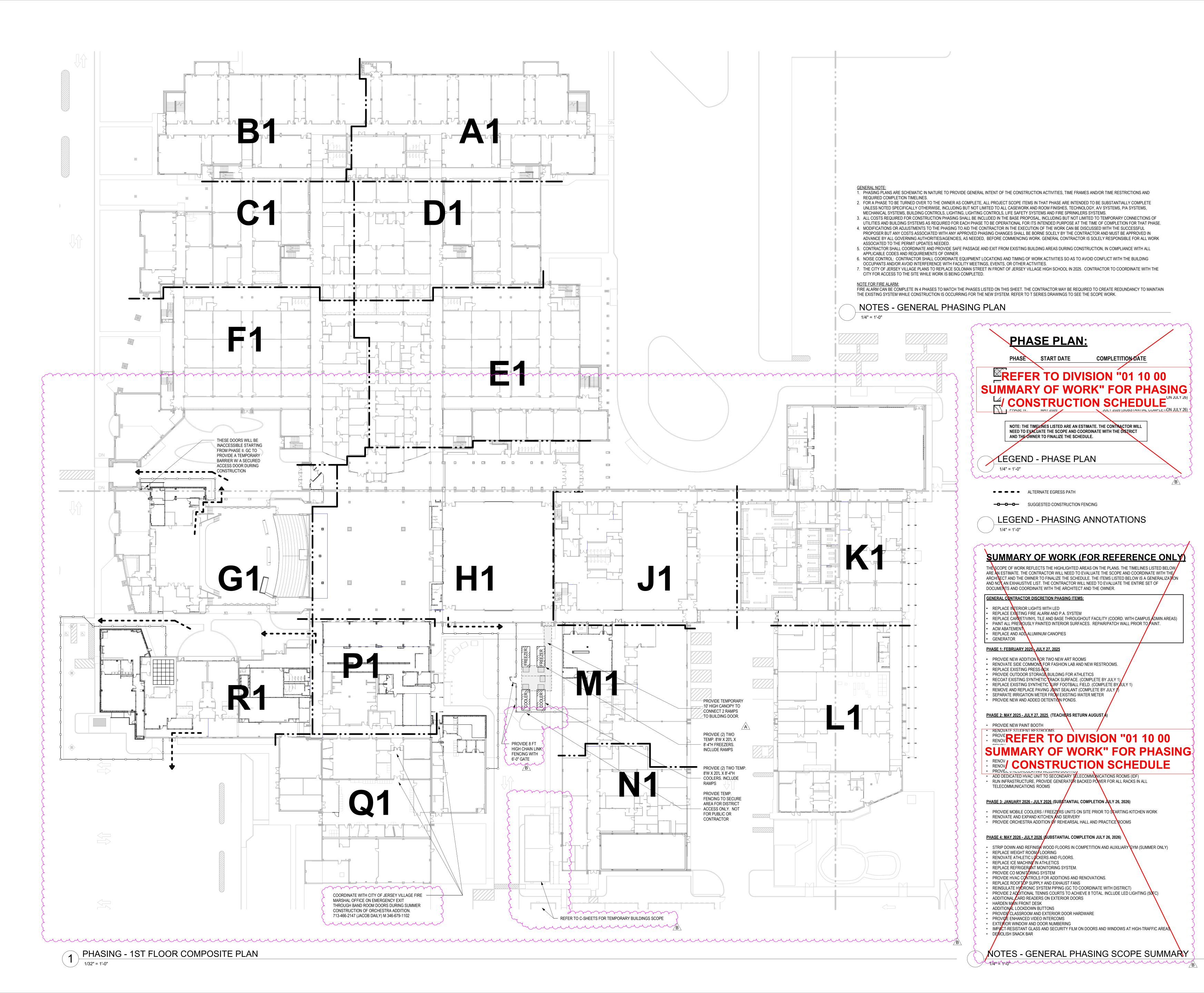
# B. Footings:

- Line Posts: Set in minimum 12" diameter concrete footing a minimum of 36 inches, with a minimum 3" concrete cover at the bottom.
- O2 All terminal, corner, and pull posts: Set in minimum 12" diameter concrete footing a minimum of 36 inch post embedment in concrete, with a minimum 3" concrete cover at the bottom.
- O3 Concrete footing sizes and depths are based on holding top of footings +/- 4" below finish grade. Concrete exposed at finish grade shall not be accepted.
- O4 All concrete shall be 3,000 psi minimum (28 days). Refer to Section 03 30 00 Cast-In-Place Concrete.
- C. Fabricate and install fencing such that pickets will uniformly follow within 4" of grade and / or concrete work below the fence.
  - 01 Refer to Civil Drawings and grading plans for additional information.

# D. Swing Gates:

- 01 Install plumb and level.
- O2 Adjust hardware for smooth operation, ensure cane bolts and drop rods align with sleeves.
- O3 Coordinate with other trades for installation of finish hardware required to be installed.
- E. Grind all field welds smooth; and touch-up with cold galvanizing coating and finish coats to match prefinished fence color.
- F. Cycle all swing gates to assure proper installation of all hardware and smooth operation.

# **END OF SECTION**



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PROJECT #: 202319 DATE: 2024-12-20 DRAWN: NA CHECKED: DB 2024-12-20

PERMIT & PROPOSAL 2024-12-20 ADDENDUM 06 2025-01-08

PHASING 1ST FLOOR PLAN

NORTH