

GENERAL REQUIREMENTS
QUALITY CONTROL NARRATIVE

6B.3.1-14

QUALITY CONTROL

The 60 % Construction Documents (CD) have been reviewed by both the OPM's and the CM's staff. Recommendations and information were exchanged during the meetings and pre-bid requests for information (RFI'). CM-R is utilizing Procore site to communicate information between the Project Team members. The CM-R's recommendations, that were based on their knowledge of the construction means and methods, have been included as part of this 60% Construction Documents submission. The documents went through an in-house Quality Control Review.

Ceiling Clearances

The Design Team had regular coordination meetings during the Construction Documents phase of the Project, to review systems. BIM models were used as a tool for 3d conceptual coordination during these meetings. Ceiling clearance requirements for key MEP systems components, such as air handling units (located on mechanical mezzanines), major ductwork supply and return lines, sprinkler mains and recessed lighting fixtures were coordinated with structural steel depth and the finish ceiling heights. Interdisciplinary Document Coordination IDC was performed by the CM-R and the findings shared with the Design Team. This information was documented on the Building Sections and Reflective Ceiling Plans.

Mechanical Room & Shaft Sizes

All major pieces of MEP equipment and associated distribution components were placed within the Mechanical Rooms and on the Roof to confirm the room clearances, as well as the structural roof load requirements. The major shaft sizes and location requirements were reviewed and coordinated with all Design Team members.

Coordinate Specifications & Drawings

Drawings and Specifications were reviewed and updated by the Design Team. Additional comments received from the OPM and the CM-R, following their review of the earlier draft of the specifications and the progress set of drawings, were incorporated in the 60% CD submission.

Filed Sub-Bid Work

Further progress was made on defining the Filed Sub-Bid (Trade Bid) scope of work and incorporating it into the specifications and drawings.

Scheduling

The construction schedule and phasing approach was reviewed and confirmed during several progress meetings with the School District Administration, CM-R, OPM, and Architect. Specific emphasis was given to the site entry during construction to provide proper separation between the existing high school and construction activities. Ledge removal by blasting activities and site utilities coordination continued to be the focus of the CM-R planning of the early site package. The planning was guided by the goal of minimal disturbance to the adjacent resource areas and properties. CM-R consulted with the blasting experts as part of the construction activities planning. The Project Team discussed the advantages and challenges of the early site and structural steel enabling packages. Further development of the site utilization diagrams by the CM-R was significant effort as part of the Early Site Enabling Bid Package documentation.

Equipment & Power

Major equipment power requirements were reviewed and coordinated between the design team members. More detail will be added prior to completion of the Construction Documents phase.

Base utilities for Vocational Equipment have been incorporated into the 60% CD Submission. As final equipment selections are made, utility requirements will be confirmed.

During coordination meetings with the Career Tech Staff and the School District Administration, locations for convenience utilities for mobile and benchtop equipment were reviewed. Locations for fume extraction arms, compressed air, 208V-3-phase power to accommodate portable MIG welders, pneumatic hand tools and mobile powered equipment were incorporated into the drawings.

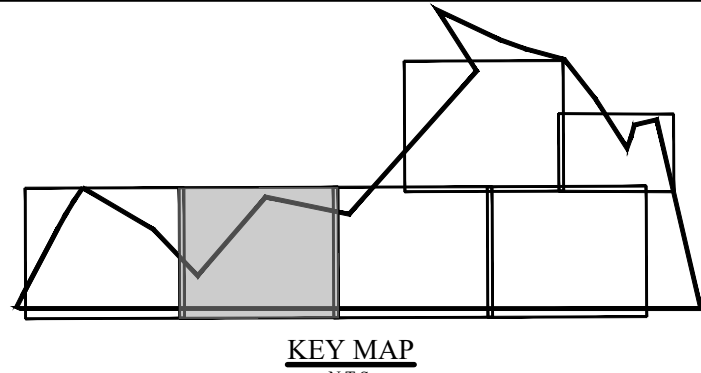
Existing & New Construction

The Project does not include renovation of the existing school.

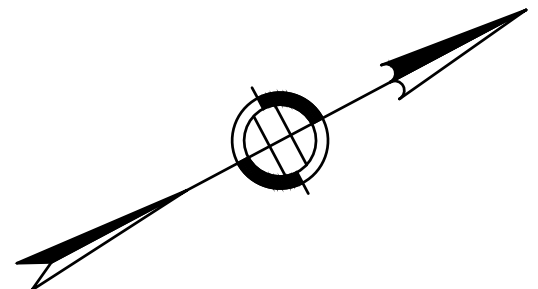
Phasing

Phasing diagrams are being refined by the CM-R. The Project Team continued working on the Early Bid Packages: Site Enabling, Foundations and Structural steel early bid packages.

Phasing / Site utilization Diagrams, prepared by CM-R, can be found at the end of this section, 6B.3.1-14.



- NOTES:
- 1) ALL PROPOSED AND EXISTING DRAINAGE INLETS SHALL HAVE SILT SACS/INLET PROTECTION INSTALLED DURING CONSTRUCTION
 - 2) CONTRACTOR TO LIMIT COMPACTION IN AREAS OF PROPOSED INFILTRATION
 - 3) LOCATION OF CONSTRUCTION FENCE AND EROSION CONTROL SET UP AND REMOVAL BETWEEN PHASES ARE THE CONTRACTOR'S RESPONSIBILITY

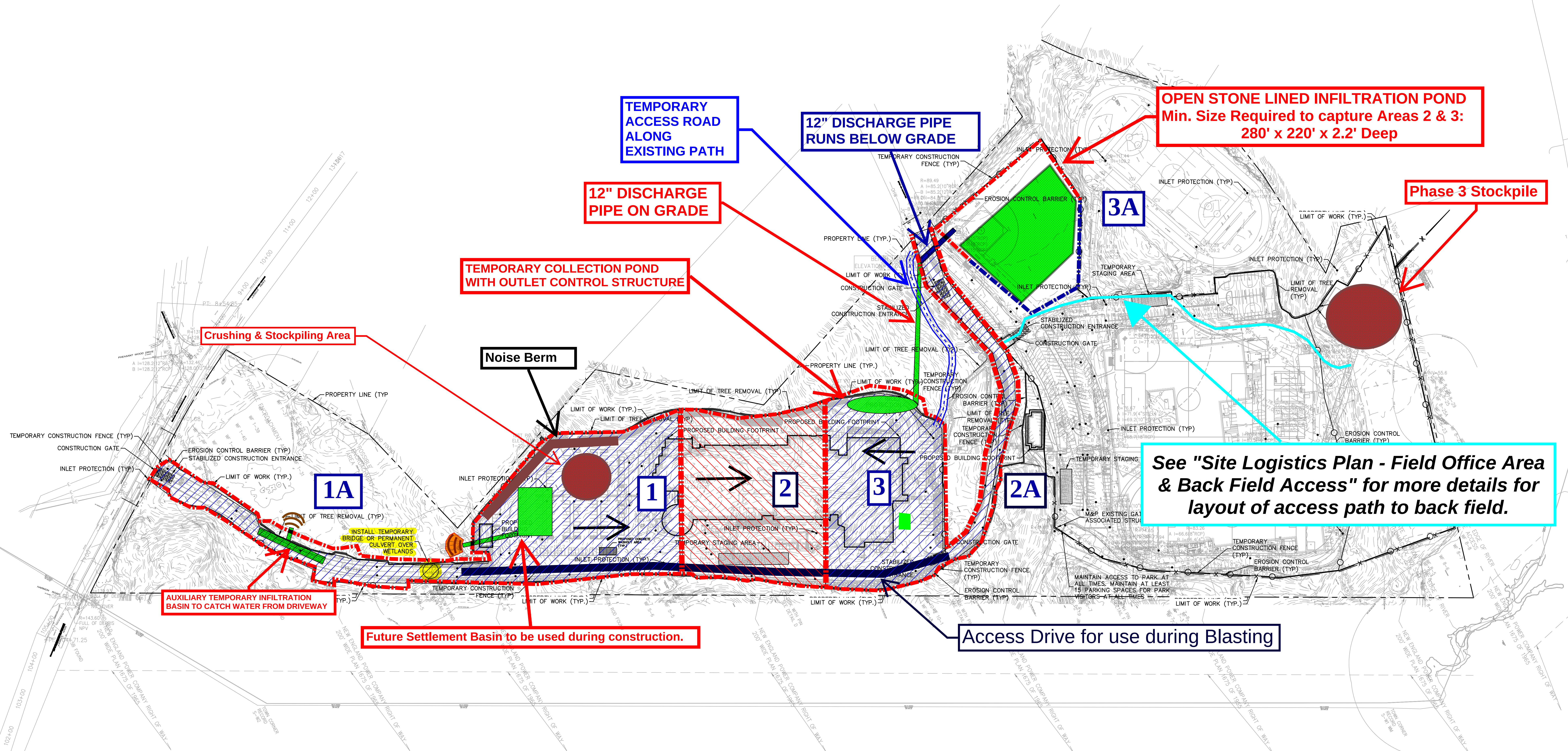


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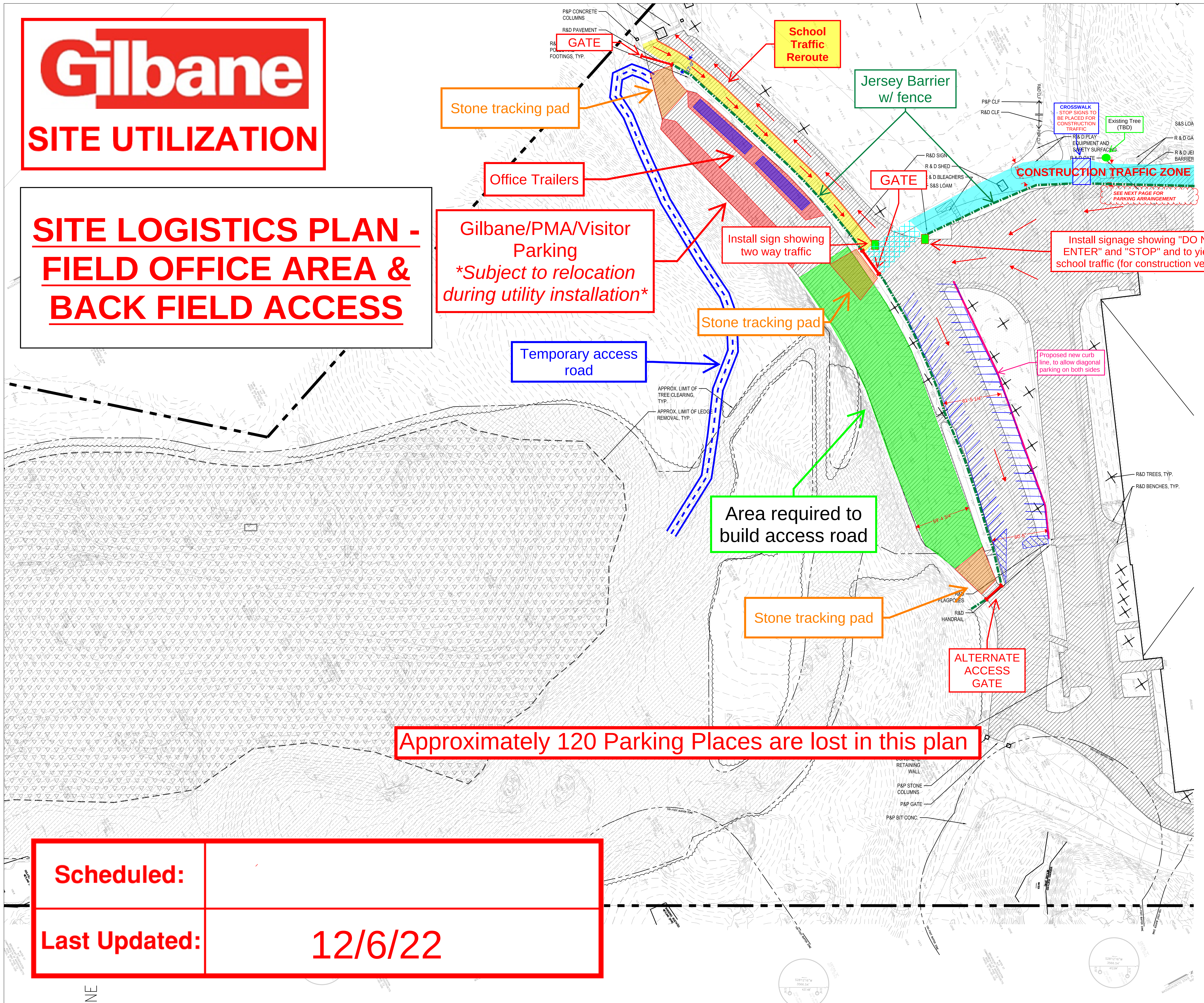
SITE UTILIZATION

SITE PREPARATION SEQUENCE PLAN

Sequence of Work
Refer to Scope of Work Item #3



Scheduled:	2/1/23 - 7/1/23
Last Updated:	12/6/22



PROGRESS 6/3/2020

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