Addendum #2



Project: EB Frink Middle School

405 N. Charles Street La Grange, NC 28551 Lenoir County, NC

Owner: Lenoir County Schools

2017 W. Vernon Avenue

Kinston, NC 28504

Architect: SfL+a Architects CM at Risk: Metcon, Inc.

333 Fayetteville Street, Suite 225, 763 Comtech Drive Raleigh, NC 27601 Pembroke, NC 28372

Date: March 20, 2025

Notice to all: The following modifications, additions, deletions, clarifications, and/or information are hereby made part of the Contract Documents and shall be fully binding. The addendum must be acknowledged as part of the Bid Form.

Item #1: Key Dates Reminders:

Hub Outreach03/26/25Last day for Substitution Request04/07/25Last Day for RFI04/11/25Bid Day04/24/25

Item #2: Scope Changes

- A. BP0330 Turnkey Concrete_20250320-A2 (15 Pages)
- B. BP0420- Turnkey Masonry 20250320-A2 (14 Pages)
- C. BP0710 Damp, Water, Fire, Proof 20250320-A2 (9 Pages)
- D. BP0740-Wall Panels 20250320-A2 (8 Pages)
- E. BP0840-Alum Windows-Entrance-Storefront-CW 20250320-A2 (10 Pages)
- F. BP0920 Met. Frmng, Rgh Carp, Gyp 20250320 A2 (11 Pages)
- G. BP1073 Awnings-Canopies_20250320 A2 (8 Pages)
- H. BP3100 Turnkey Sitework_2025030 A2 (11 Pages)

Item #3: Schedule (19 Pages)

Addendum #2



Item #4: SFL+a Addendum

- A. Addendum 02_EB Frink (5 Pages)
- B. Addendum 02_EB Frink _Drawings (18 Pages)
- C. 09 65 00 ADM 2_Resilient Flooring (8 Pages)

Item #5: RFI Log:

D. Please see the attached RFI log as of 03/20/2025. (6 Pages)

Item #6: Prebid Presentation (55 Pages)

Item #7: Prebid Sign in Sheets (2 Pages)

END OF ADDENDUM #2



BID PACKAGE #0330 TURNKEY CONCRETE (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **TURNKEY CONCRETE PACKAGE**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. **CONTRACT DOCUMENTS:**

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

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Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. It is mandatory that all subcontractor employees have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity, or comparable in specs and capabilities. This provision provides the subcontractor the capability of having access to Procore in the field with the latest set of drawings.
- 8. Subcontractor will not use or allow the use of the building's drainage systems for cleaning debris or disposing of waste materials. In the event of any drainage systems being clogged or obstructed by this Subcontractor's materials, Subcontractor will reimburse the Contractor for the repair cost plus a mark-up.

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- 9. This Subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The Subcontractor will request such information from the Design team in writing in the form of a Request for information (RFI) through the file sharing program called Procore. The request for such information shall be made in advance to avoid any delay of the work.
- 10. This Subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this Subcontractor's work. All deliveries, hoisting and storing of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated as "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building it must be installed within five (5) workdays. Subcontractor must utilize its own equipment to unload material.
- 11. Subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. Flag man is not required if staging of deliveries outside of the site does not impede pedestrian and motor vehicle traffic. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use active public roadways.
- 12. This Subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This Subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See exhibit J for more details.
- 14. The Subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications, unless substantial Owner directed Scope changes occur.
- 15. Within 10 days of receipt of subcontract, each subcontractor is required to issue a manpower count necessary for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and must approve the proposed manpower counts prior to commencement of your work. Metcon, Owner, Architect & Consultants will constantly track the manpower for each activity to ensure compliance to the schedule and the forecasted status of project which will measure performance. In the event of the subcontractor having low productivity/performance, resulting on schedule delays, subcontractor will increase its manpower at Metcon's, Owner's and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 16. In the event of inclement weather, all Subcontractors are responsible for the securing and protection of all their own materials and work in place.
- 17. Each subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this Agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this Agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.

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- 18. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. Subcontractor is required to review all project drawings and specs. Subcontractor will have an opportunity to ask questions about design intent before bidding; after bid and award of package subcontractor will utilize the most stringent design. The design utilized shall be to the best interest to the owner.
- 19. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 20. Subcontractor shall only remove temporary construction fence, safety control devices or sediment control devices with advanced approval of the Construction Manager. In the event that removal is required subcontractor shall reinstall in the same condition or better.
- 21. Subcontractor will abide by local noise ordinances as required.
- 22. All punch list items must be corrected and "ready for review" withing 5 working days of initiation by Construction Manager.
- 23. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 24. All subcontractors will adhere to a work week consisting of: five (5) days per week, ten (10) hour days, fifty two (52) weeks per year, with standardized starting and quitting timed 7am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 25. Under no circumstances subcontractor is permitted to work without a Construction Manager's representative on site.
- 26. Protection of work in place: subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials tools, and equipment from damage resulting from this subcontractor's activities. Subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 27. In addition to any Owner site requirements, eating, and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 28. No visitors shall be admitted to the job site by the Subcontractor without first obtaining the approval of the Construction Manager and having completed the site specific jobsite orientation. Subcontractor will confirm and/or provide all their visitors with the site required personal protection equipment.
- 29. No photographs, videos (including drone videos) may be taken of the project without prior approval of Construction Manager and Owner. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 30. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values
- 31. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.

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- 32. Weekend work might be necessary to meet the project schedule which must be coordinated with the Construction Manager if necessary. The Construction Manager will not allow weekend work if the subcontractors are not already working the full amount of job site hours with full crews. This means that if you are working less than Monday through Friday 7am -5:30pm the site will not be open on the weekend. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the schedule responsibilities by working the full amount of open hours.
- 33. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 34. Construction Manager reserves the right to add a fifteen (15) percent markup in all back charges that are facilitated by the Construction Manager. If back charges are resolved without the involvement of the Construction Manager no markup will be applied.
- 35. Time and Material tickets must be approved by Construction Manager's superintendent withing 24 hours of work commencing and reference the Change Estimate (CE) number. Cost associated with time and material tickets must be submitted to Construction Manager Project Manager within thirty (30) days of work commencing.
- 36. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 37. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 38. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.
 - j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.

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- 39. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 40. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 41. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 42. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site." Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote

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E. SCOPE OF WORK SPECIFICATIONS

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. 03 30 00-CAST-IN-PLACE CONCRETE
- 2. 31 31 16-TERMITE CONTROL

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. Subcontractor is responsible for backfilling against its work.
- 2. Subcontractor is responsible for removal and disposal of excess excavated fill material.
- 3. This Subcontractor is responsible for excavation safety including providing, installing, maintaining, and removing the following: safety perimeter fencing, flagging, ladder access points, for the duration of exposure on this project for all trades.
- 4. Subcontractor is responsible to provide, maintain and remove the concrete washout area.
- 5. In situations where bad soils are excavated (i.e. Gumbo) this subcontractor shall be responsible for removing the soils off the building pad to a location chosen by the CM where the Site Work Subcontractor will then remove from site.
- 6. Fine grading and compaction of soil subgrade prior to installation of granular fill under this agreement upon completion of foundation work, and again after MEP under slab installations. Subcontractor shall export to a location on site as directed by CM any additional site spoils generated from MEP installations.
- 7. Subcontractor is responsible for the backfill of all column block-outs after column steel erection/base plate grouting is complete.
- 8. Subcontractor to grout all base plates at column locations.
- 9. Subcontractor shall furnish and install all concrete formwork materials, tools and accessories as required for all mud slabs, footings, slab-on-grade perimeters, foundation walls, masonry leave-out slab edges, mock-ups, etc. Including all required construction joints, templates, control joints, pour stops, slab depressions and recesses, block-outs, steel column block-outs and re-forming (this is included at both slab-on-grade condition as well as the elevated slab condition), keyways (for pour joints, construction joints, joint covers, etc.), brick ledges and haunches, bulkheads, grade changes, hollow core topping slabs, hollow core bonding beams, etc.
- 10. Included is all formwork, formwork system engineering (including signed and sealed by registered Engineer in the State of North Carolina), scaffold, shoring, bracing, etc.
- 11. All elevated slab pours shall be shored as required after review by a licensed engineer.

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- 12. Furnishing and installation of all exposed corner chamfer strips, drip edges, recesses, isolation wraps, depressions, reglets, etc. as shown on structural and architectural drawings.
 - a. If elevated slabs are shown without rolled/beveled corners the subcontractor is to include the additional materials/labor as specified above to provide an "eased" edge.
 - b. Subcontractor is to shore elevated slabs from below to limit deflection of steel decking supporting elevated slabs. The prescribed floor tolerance of ½" per 10' shall not be compromised due to concrete being placed on unsupported spans of metal decking exceeding 15'.
 - c. At exposed edge of elevated slabs, provide wood perimeter safety railing system with top rails, mid rails and toe boards, including maintenance of same, for duration of subcontractor's activities; safety railing system to be removed by others; submit safety railing plan to CM for review. (Addendum 2)
- 13. Subcontractor shall provide and install all sleeving requirements for others which are either resting under or encapsulated within this scope of work.
- 14. It is the responsibility of the subcontractor to coordinate the placement of all sleeves with other trades at least 72 hours prior to concrete placement.
- 15. Subcontractor is responsible for furnishing and installing anything related to formwork and related to design construction joints, bond breakers, etc.
- 16. Subcontractor is responsible for furnishing and installing all site concrete benches, planters, etc. in their entirety.
- 17. Subcontractor is responsible to maintain dowel/ reinforcement placement to ensure proper clearances during concrete placements, any deviations/deflections resulting from improper workmanship shall become Subcontractor's expense and/or responsibility to correct.
- 18. Subcontractor is responsible for storage, receipt of, unloading, distribution, layout, and installation of embeds, anchor bolts, etc. cast-into work under this agreement and provided by others. Subcontractor shall provide all templates, replace all nuts/washers after template removal, and clean and grease all anchor bolts and embeds of all concrete residue. All layouts shall be performed from approved fabricator field use shop drawings only.
- 19. All concrete slab cold-key forming and saw cutting for control joints, construction joints, and joint covers is included.
- 20. Furnishing, unloading, distribution, field cutting, and installation of all expansion joint material and rigid insulation board (and removal if between concrete elements formed under this agreement).
- 21. Providing all required block-outs, sleeves, and cutouts associated with formwork system either located above, below, on or within the formwork assembly under this agreement for pumps, ducts, conduits, drains, pipes, pipe chases, floor openings, embeds, scuppers, etc.
- 22. Subcontractor is responsible for building all box-outs, furnishing all sleeving requirements, etc. for installation and removal under this agreement.
- 23. Subcontractor shall provide temporary block-outs around column piers from top of pier to underside of slab-on-grade to retain earth during steel erection and keep column block-outs clean of dirt (see masonry section below for condition at spread footings).
- 24. Construction Manager will not reimburse Subcontractor for cutting, drilling, etc. of formwork to install sleeves or embedded items in formwork system.

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- 25. Subcontractor is responsible for furnishing and installing all form release agents. All agents shall be submitted for Engineer's approval and said Subcontractor shall be responsible for any non-compatibility problems with unapproved form release agents with subsequent material applications.
- 26. Subcontractor is responsible for all formwork tolerances and specified exposed finishes (Subcontractor shall assume, as a minimum, a class B finish with a smooth formed finish requirement). All plywood formwork supplied on this Project shall be new.
- 27. Subcontractor is responsible for removing all wall ties, exposed nails, screws/bolts, tie-cones, form block-outs materials, masking materials, etc. as formwork removal progresses. Scraping of all concrete to remove burs and fins is included herein.
- 28. All form nails, bolts, screws, etc. used at form bracing locations shall be removed completely from existing concrete elements and said concrete elements shall be patched by this Subcontractor to match adjacent finishes.
- 29. Subcontractor is responsible for cleanliness of formwork cavities and metal decks prior to concrete placement.
- 30. Extended formwork storage on-site is not permitted if said materials are not being utilized. It is responsibility of Subcontractor to continually sort and remove materials from site during nonuse.
- 31. Subcontractor shall furnish and install all construction joint key ways in walls, columns, beams and slabs including removal thereof after concrete placement.
- 32. Subcontractor shall layout formwork systems, drill/cut, and reinforce formwork system for all rebar dowels, embeds, inserts, sleeves, etc. Subcontractor will provide split bulkhead system for slabs and beams in order to extend reinforcing steel into next pour.
- 33. Disposal of wood formwork in Construction Manager's dumpster is prohibited. Subcontractor is responsible for removal of all usable and non-usable form materials from jobsite including wood, form oil, curing compounds, etc.
- 34. Subcontractor is responsible for delivering and providing a slab on grade and slab on deck that is compliant to the flatness requirements of the specifications in division 3. All required floor leveling and grinding will be at the cost of the concrete subcontractor if required to meet the requirements of the athletic flooring and other flooring finishes. All specified curing compounds for each location are included in this scope of work. Coordination is required.
- 35. Subcontractor is responsible for any admix, space heaters, heat blankets, etc. for concrete curing during cold weather season at no additional cost to Construction manager.
- 36. Subcontractor is responsible for all the concrete on pan-filled stairs.
- 37. Subcontractor will Provide two (2) or more sources of concrete and grout. Subcontractor will turn in concrete mix submittals for all suppliers and mixes for Architect's approval. At least one of the of the two sources of concrete should have the capacity of heating the water utilized for the concrete mix to mitigate cold weather pour days.
- 38. Subcontractor is responsible for proper filling of hollow core cavities with concrete as intended by design specifications. Hollow core cavity caps will be provided by hollow core subcontractor. The cap position is the responsibility of this subcontractor. This subcontractor is responsible for making sure that the appropriate quantity of caps is supplied by Hollow Core subcontractor.
- 39. Provide multiple mobilizations in phasing with slab pours including post treatment.
- 40. Provide all termite treatment including any hazard/safety signage requirements.

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- 41. Provide retreatment of areas that are disturbed by subsequent excavation, rain, landscape grading, etc.
- 42. Provide termite treatment warranty in accordance with the specification which shall begin on the Owner's beneficial acceptance of building.
- 43. All required mockups are included. Subcontractor is responsible for the compliance to the "schedule of form materials" including obtaining Architect's approvals of any deviations.
- 44. Subcontractor is responsible for notifying Construction Manager and governing agencies of all inspection requests.
- 45. Subcontractor to install uplift anchors as highlighted in structural details for tension piles. Steel Subcontractor shall supply angles and bolts.
- 46. All concrete that will have exposed edges, including concrete site furniture, needs to be formed with a pre-engineered edge form system, for example Doka or Symons forms. Some conditions required form work to be flush with continuous face block.
- I. The following is a general outline of items included, but not limited to, under this agreement for **Reinforcing Steel** per specifications.
 - 1. All reinforcing steel shall be cut, bent bundled, tagged and delivered in accordance to the Contract Documents and approved shop drawings. Deliveries shall be as material is needed for installation.
 - 2. All welded-wire-fabric is included in flat sheets (not rolls). All bar and mesh supports for footings, walls, slab-on-grade, etc.
 - 3. Subcontractor shall furnish all tie wire to perform this work.
 - 4. Subcontractor is responsible for the cleanliness of all reinforcing steel prior to concrete placement.
 - 5. Subcontractor shall review MEP drawings to ensure adequate reinforcing steel is provided at all slab and wall penetrations required on Contract Documents.
 - 6. Subcontractor is responsible for the removal and disposal off-site of all extra reinforcing steel and shall not utilize Construction Manager's dumpster for such disposal.
 - 7. Furnishing and maintenance of all exposed rebar safety caps for dowels, etc. is included. Safety caps for rebar left above finish floor levels will become the responsibility of the Masonry Subcontractor to maintain during the duration of this scope. After completing his scope, the Masonry Subcontractor will return all rebar caps into a container provided by this subcontractor.
 - 8. All reinforcement in and coming out of concrete is the responsibility of this subcontractor.
 - a. Hooks that tie into edge of precast and masonry rebar.
 - b. Ubars at edge of precast and edge pour.
 - c. Straight keyway rebar that lies on top of precast.
- II. The following is general outline of items included, but not limited to, under this agreement for all **Cast-in-Place Concrete** per the specification section 03 30 00.
 - 1. Scope of Work includes, but not limited to:
 - a. All building footings, above grade slabs and all Slab-on-grade work including column block-outs, Elevator Pit, Fire Pump Slab & Foundation, pour-backs and thickened slabs.
 - b. Foundation at dumpster screen wall is included.

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- c. All mechanical, plumbing and electrical equipment pads, including doweling into slab. Final sizing shall be coordinated with MEP trade subcontractor at no additional cost to Construction Manager.
- d. All interior elevated slabs.
- e. All concrete control joints.
- f. All expansion joint material in concrete in accordance with the Contract Documents.
- 2. Included is establishing off-set lines, protecting and transferring registered surveyor points, etc. with the use of a robotic total station.
 - a. Subcontractor shall layout all new foundations including all anchor bolts, rebar dowel placements, embed requirements, block-outs, footing steps, etc.
 - b. Subcontractor is responsible for all slab edge locations, slab transition locations, slab slope requirements, curb and wall locations, etc.
 - c. Subcontractor is responsible to layout stair bottom and masonry wall thickened slab conditions.
 - d. Subcontractor shall layout all new concrete equipment pads as highlighted above.
 - e. Subcontractor layout lines shall be accessible to all MEP trades to rough-in foundations, slabs, walls, etc. Subcontractor shall coordinate and reference all layouts with MEP Subcontractors.
 - f. Subcontractor is responsible for formwork placement, trueness, plumbness, etc. before, during, and after concrete placement. Substandard work will be demoed and replaced by this subcontractor at no additional cost to Construction Manager.
 - g. This subcontractor is responsible for preventing any washout under any finished concrete work
- 3. Subcontractor is responsible for all hoisting and hoisting devices for the unloading, loading and distribution of work under this agreement including cables, straps, slings, spreader bars, chokers, lifting bars, etc. as required to perform work under this agreement.
 - a. Subcontractor shall submit to Construction Manager all crane inspection certifications ten (10) days prior to starting work. All certifications, and inspections shall be current and in accordance with OSHA and the Contract Documents.
- III. The following is a general outline of items included, but not limited to, under this agreement for Concrete **Placement and Finishing** per specifications.
 - 1. Subcontractor agrees to furnish, vibrate, hoist, place, finish and cure concrete for the duration of the Project at the footings, walls, slab-on-grade, secondary curbs, equipment pad, etc. either formed, installed, or excavated under this agreement.
 - 2. Subcontractor agrees to coordinate all placements with Construction Manager 48 hours in advance to determine truck routing, truck delivery sequencing and timeliness, traffic control, etc.
 - 3. Subcontractor agrees to provide on-site technical support to coordinate deliveries, verify concrete slumps and temperatures, etc. with testing agency. Subcontractor shall provide Construction Manager with copies of all delivery tickets with subsequent day's daily reports.
 - 4. All tickets shall indicate batch times, time of arrival to site, start time of placement, finish time of placement, quantity of concrete, and mix design number. Each truck shall have an accurate count/trip meter of drum rotation from batching to placement.
 - 5. This agreement is based on Subcontractor obtaining approved mixed designs from Engineer of Record. Contract pricing will not be adjusted for compliance to Contract Documents, or inability of Subcontractor to obtain mix design approvals and approved products at point of discharge as determined by Field Conditions at time of placement.

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- 6. Subcontractor's submittal package shall clearly identify each mix design and identify each mix with a proposed location for placement.
- 7. Subcontractor to provide vapor retarder as per specification Division 7.
- 8. Truck "wash-out" of unused concrete will not be permitted on-site. Subcontractor will be allowed to rinse the chute and any concrete splatter on delivery truck only at a location determined by Construction Manager. Should Subcontractor wash out debris on-site, this Subcontractor is responsible for the removal; or costs thereof, to remove debris from site and shall not utilize Construction Manager's dumpster for such disposal. Washout area shall be emptied when it is no longer compliant with EPA standards.
- 9. Subcontractor will cooperate with the Owner's testing agency and shall respond immediately to any low cylinder breaks at 7 day, 28 days, and 56 days in writing to Construction Manager of possible causes and assistance of projected outcomes. This Subcontractor is responsible for costs of any early concrete breaks or extra cylinders requested by Subcontractor.
- 10. All concrete shall be delivered to the site with the approved slump. Water added at the site is prohibited if exceeds the amount of added water approved for each concrete mix. All specified and approved slumps and air contents shall be achieved by Subcontractor at point of discharge.
- 11. Subcontractor **shall not assume truck access to all points of concrete discharge**. Construction Manager will not accept extra costs or schedule delays for concrete placement as means and methods.
- 12. All concrete shall be shipped and maintain specified temperatures throughout the approved placement and curing time allotment specified in the Contract Documents at no additional cost to Construction Manager. Delaying concrete placements to avoid controllable concrete temperature placements is not acceptable means and methods.
- 13. Any concrete placements starting before, or exceeding, normal project working hours shall be coordinated with Construction Manager three (3) working days in advance.
- 14. Subcontractor is responsible for the strength of concrete as determined by specimen's taken at point of discharge (or sampling) in accordance with all applicable ACI and ASTM standards and specifications for sampling, curing, and testing concrete cylinders. Actual records of Subcontractors Ready Mix Vendor's delivery performance shall be kept and furnished to Construction Manager. If said concrete does not achieve designed strength or Owner's acceptance, Subcontractor will be responsible for all costs of removing, testing and retesting, replacing, and/or shoring of said concrete.
- 15. Construction Manager will not be responsible for payment of defective concrete, returned concrete not in-compliance of approved submittals, short-loads, minimum load requirement charges, weekend or after hour concrete placements requirements, environmental fees or charges, fuel surcharges, concrete delivered without inspection approvals for work to be placed, returned deliveries which were not coordinated with Construction Manager, loads returned due to site accessibility, etc.
- 16. All concrete shall be shipped in four-wheeled mixers, if required by site conditions. Subcontractor shall coordinate requirements with batch plant.
- 17. Subcontractor shall protect all surfaces and embeds adjacent to work including alignments, elevations, and cleaning after day's placement of concrete. Subcontractor is responsible for ensuring all reinforcing steel remain in design location and shall protect and support said materials from pump hoses, manpower traffic, tool storage, etc.
- 18. Subcontractor will cooperate with the Owner testing agency to obtain specified cylinders and slumps.
- 19. Subcontractor is responsible to construct and maintain concrete curing box in accordance with ACI.
- 20. Subcontractor is responsible for screeding, troweling, vibrating, and finishing of all concrete in accordance with Project Specifications for flatness and levelness. Subcontractor shall coordinate and

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comply with all required slab finishes (i.e. float, trowel, broom, etc.) prior to beginning day's placement of concrete since each placement could have multiple finish requirements.

- a. Any slabs not specified to have a FF/FL value will be assumed to be FF 25 and FL 15 or better. In the case that a more stringent flatness and/or levelness is specified in the contract documents, contract documents supersede this clause.
- 21. Subcontractor will be responsible for all corrective repairs resulting from their defective workmanship. Defective workmanship shall be defined as all birdbaths, out of tolerance floor flatness and levelness, out of tolerance floor finish, wall alignment, elevations, and honeycombs, mis-located embeds or anchor bolts, missed chamfer/reveals, etc. All corrective work shall be performed within twenty-four (24) hours and prior to payment issuance from Construction Manager to Subcontractor for work performed.
- 22. Subcontractor is responsible for rubbing and grinding all exposed concrete. Assumed finish of concrete walls shall be a "rubbed finish".
- 23. Removing and patching of all tie holes is included. Patch shall match color and texture of surrounding concrete finishing.
- 24. All concrete receiving damp proofing or waterproofing shall be rubbed, joints ground, and concrete cured per the manufacturer's recommendations.
- 25. The subcontractor is responsible for field verifying all floor drain elevations to ensure specified drainage requirements prior to concrete placement and notifying the Construction Manager immediately of any documented inefficiencies.
- 26. The subcontractor is responsible for monitoring and cleaning up any concrete leaks, etc.
- 27. The subcontractor is responsible for furnishing and installing all curing methods or agents. All methods or agents shall be submitted for the Engineer's approval, and the Subcontractor shall be responsible for any non-compatibility problems with unapproved curing methods or agents with subsequent material applications.
- IV. Subcontractor shall furnish and install all Miscellaneous Concrete Work and Accessories, including:
 - 1. Subcontractor shall furnish and install all slab-on-grade vapor barriers as specified including taping of joints, penetrations, etc.
 - 2. All specified joint fillers, slab and floor treatment are included. Provide penetrating liquid floor treatment at all exposed concrete floors, mechanical pads, etc. including all floor sweeping, pressure cleaning, scraping, acid washing (if required by manufacturer), etc., ready to receive sealer. All this work shall be completed at or near the end of Project Completion date.
 - 3. Provide block-outs for, then furnish and install all floor to wall expansion joints as specified in section 07 95 00.
 - 4. Provide and install all perimeter foundation insulation board as specified in section 07 21 00 and as shown on plans.
 - 5. Subcontractor is responsible for coordinating the control joints shown and required in the drawings with all flooring shop drawings to ensure that control joints in flooring systems align with structural concrete joints.
 - 6. Grouting of steel column base plates and steel beam bearing plates per specifications.

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- 7. Subcontractor is responsible for notifying Construction Manager of all dates/times for soil testing, foundation inspections (rebar), concrete placements, etc. with at least 48 hours advanced notice.
- 8. Subcontractor is responsible for dewatering. Dewatering is considered all-natural grade water as well as "surface or rain water" for all excavations under this agreement. Areas include all interior and exterior foundations, slab-on-grade, interior and exterior perimeter of building walls and retaining walls, column block-outs, sumps pits, etc. Dewatering duration is for such a period until all areas are poured in concrete under this agreement, backfilled under this agreement, or backfilled by others.
- 9. Dewatering includes all required pumps, sumps, stone, etc. for proper execution of work under this agreement and for the continual maintenance of exposed soil conditions to access the work under this agreement.
- 10. It is the responsibility of this Subcontractor to maintain a suitable soil substrate condition once exposed under this agreement (or exposed by others as in mass excavation to perform work under this agreement). The Owner (or the Construction Manager) will not be responsible to reimburse Subcontractor for the costs to remove unsuitable soil and dispose of off-site or for the replacement costs of suitable fill (or stone backfill) for exposed substrate conditions not achieving compactions due to excessive moisture content not inherent with undisturbed soil conditions on- site.
- 11. Subcontractor is responsible for all temporary power requirements via generator including fuel costs to perform work under this agreement. Subcontractor agrees to allow other trades working in the same vicinity to utilize same generator power. Also, temporary and task lighting to perform work under this agreement is also included.
- 12. Subcontractor is responsible for ensuring all tools, equipment, and formwork materials and assemblies stored or installed on-site from damage, theft, fire, etc.
- 13. Should stepped footings not be indicated for MEP coordination, this Subcontractor shall provide such requirements for all piping conditions indicated on MEP drawings and on site coordinated at no additional cost to Construction Manager.
- 14. MEP pad sizes indicated on Contract Documents are for reference only. Final sizing and design shall be coordinated with MEP trade subcontractor at no additional cost to Construction Manager.
- 15. Construction Manager is not responsible for truck or equipment access to or around building areas for Subcontractor as it relates to soil conditions. Subcontractor shall review soils report, existing and proposed grades, concurrent utility excavations, site access points from public roads in evaluating means and methods to deliver and execute work under this agreement.
- 16. Subcontractor shall set and place all anchor bolts.
- V. The following is a general outline of items included, but not limited to, under this agreement, Provide materials, labor and equipment to perform the following **Foundation Excavation** work:
 - 1. Subcontractor is responsible for excavation of all foundations including compaction, shaping, excavating, shoring, etc.

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- a. Subcontractor is responsible for the undercutting and placement of cleaned washed stone as specified in the Project drawings and specifications at the site as needed. This pertains to the footings and foundations and any SOG as specified.
- 2. All excavated spoils excavated or graded under this agreement are to remain on-site within construction fencing on non-paved areas. Subcontractor may need to remove spoils from site, if obstructing work under this agreement, and return soil during backfilling operations. It is the responsibility of this Subcontractor to balance site soil conditions from the building pad.

G. <u>DESCRIPTION OF SCOPE EXCLUSIONS</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. None

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BID PACKAGE #0420 TURNKEY MASONRY (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **TURNKEY MASONRY PACKAGE**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. <u>CONTRACT DOCUMENTS:</u>

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. <u>BONDING REQUIREMENTS:</u>

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

i. Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. **Failure of this Subcontractor**

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to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. It is mandatory that all subcontractor employees have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity, or comparable in specs and capabilities. This provision provides the subcontractor the capability of having access to Procore in the field with the latest set of drawings.
- 8. Subcontractor will not use or allow the use of the building's drainage systems for cleaning debris or disposing of waste materials. In the event of any drainage systems being clogged or obstructed by this Subcontractor's materials, Subcontractor will reimburse the Contractor for the repair cost plus a mark-up.

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- 9. This Subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The Subcontractor will request such information from the Design team in writing in the form of a Request for information (RFI) through the file sharing program called Procore. The request for such information shall be made in advance to avoid any delay of the work.
- 10. This Subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this Subcontractor's work. All deliveries, hoisting and storing of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated as "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building it must be installed within five (5) workdays. Subcontractor must utilize its own equipment to unload material.
- 11. Subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. Flag man is not required if staging of deliveries outside of the site does not impede pedestrian and motor vehicle traffic. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use active public roadways.
- 12. This Subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This Subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See exhibit J for more details.
- 15. The Subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications, unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of subcontract, each subcontractor is required to issue a manpower count necessary for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and must approve the proposed manpower counts prior to commencement of your work. Metcon, Owner, Architect & Consultants will constantly track the manpower for each activity to ensure compliance to the schedule and the forecasted status of project which will measure performance. In the event of the subcontractor having low productivity/performance, resulting on schedule delays, subcontractor will increase its manpower at Metcon, Owner's and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, all Subcontractors are responsible for the securing and protection of all their own materials and work in place.
- 18. Each subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this Agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this

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- Agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.
- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. Subcontractor is required to review all project drawings and specs. Subcontractor will have an opportunity to ask questions about design intent before bidding; after bid and award of package subcontractor will utilize the most stringent design. The design utilized shall be to the best interest to the owner.
- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. Subcontractor shall only remove temporary construction fence, safety control devices or sediment control devices with advanced approval of the Construction Manager. In the event that removal is required subcontractor shall reinstall in the same condition or better.
- 22. Subcontractor will abide by local noise ordinances as required.
- 23. All punch list items must be corrected and "ready for review" withing 5 working days of initiation by Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of: five (5) days per week, ten (10) hour days, fifty two (52) weeks per year, with standardized starting and quitting timed 7am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances subcontractor is permitted to work without a Construction Manager's representative on site.
- 27. Protection of work in place: subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials tools, and equipment from damage resulting from this subcontractor's activities. Subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating, and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the Subcontractor without first obtaining the approval of the Construction Manager and having completed the site specific jobsite orientation. Subcontractor will confirm and/or provide all their visitors with the site required personal protection equipment.
- 30. No photographs, videos (including drone videos) may be taken of the project without prior approval of Construction Manager and Owner. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.

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- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.
- 33. Weekend work might be necessary to meet the project schedule which must be coordinated with the Construction Manager if necessary. The Construction Manager will not allow weekend work if the subcontractors are not already working the full amount of job site hours with full crews. This means that if you are working less than Monday through Friday 7am -5:30pm the site will not be open on the weekend. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the schedule responsibilities by working the full amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. Construction Manager reserves the right to add a fifteen (15) percent markup in all back charges that are facilitated by the Construction Manager. If back charges are resolved without the involvement of the Construction Manager no markup will be applied.
- 36. Time and Material tickets must be approved by Construction Manager's superintendent withing 24 hours of work commencing and reference the Change Estimate (CE) number. Cost associated with time and material tickets must be submitted to Construction Manager Project Manager within thirty (30) days of work commencing.
- 37. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 38. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.



- j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.
- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site." Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote



E. SCOPE OF WORK SPECIFICATIONS:

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 04 05 03 MASONRY MORTARING AND GROUTING
- 2. SECTION 04 20 00 UNIT MASONRY
- 3. SECTION 04 72 00 CAST STONE MASONRY
- 4. SECTION 07 13 00 SHEET WATERPROOFING
- 5. SECTION 07 14 16 COLD FLUID APPLIED WATERPROOFING
- 6. SECTION 07 21 00 THERMAL INSULATION
- 7. SECTION 07 21 19 FOAMED-IN-PLACE INSULATION
- 8. SECTION 07 95 13 EXPANSION JOINT COVER ASSEMBLIES

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. The subcontractor shall provide labor, materials, and equipment to build and clean all required sample panels/mock-ups under this agreement at no cost to the Construction Manager. The approved sample panels/mock-ups will remain standing to provide the standards for the workmanship of the masonry work. All sample panels shall be constructed and completed for Owner/Architect review by such time to allow for the manufacturing and shipment of masonry units in accordance with the project schedule.
- 2. Protection of all roofing, metal decking, concrete slabs and sidewalks, railings, door and window frames, structural steel, prefinished flashings, stairs, handrails, and any other materials that occur at or under this work from mortar droppings and dropped block is required and included. The cost of all protection and cleaning of same is included in the Contract Price.
 - a. After cleaning, all interior blocks must be covered and protected. The masonry subcontractor is responsible for protecting this work for the duration of the job.
- 3. This subcontractor shall clean up all masonry debris created by this Work. All non-masonry material debris (other than block or mortar) shall be placed in the Construction Manager's dumpster. Subcontractor shall remove all block, brick and mortar debris offsite. (Do not place in Job Dumpster) Any fees associated with dumping material in the jobsite dumpster will be back charged to the Subcontractor.



- 4. Daily clean-up is expected; however, the final cleanup of masonry debris under the scaffolding shall take place directly after the scaffolding has been removed in each work area. Scraping and broom cleaning of floors is included. Collecting blown materials under this agreement is included.
- 5. This agreement includes all levels of masonry production, including bond type, pier work, rowlocks, sills, precast window sills, jamb return block, etc. The subcontractor shall complete all areas 100% prior to demobilizing, enabling subsequent trades to proceed (e.g., windows, rails, caulking, etc.).
- 6. The subcontractor will pay particular attention to the layout, width, and straightness of the block control joints. Subcontractor shall rake clean control joints of all mortar prior to the Construction Manager's caulking operation.
- 7. In addition to the control joints shown in the drawings, subcontractor is responsible for bringing to the attention of the Construction Manager and Architect if additional control joints are needed for a warrantable system. Subcontractor will submit proposed additional control joint suggestions to Construction manager and Architect for approval, before putting them in place at no additional cost.
- 8. This subcontractor will check the levelness and elevation of the concrete foundations prior to starting masonry work. Subcontractor shall inform Construction Manager in writing of any conditions which will prevent the Subcontractor from producing a first class masonry job within the specified tolerances of workmanship. Subcontractor shall submit written findings within three (3) working days following predecessor's installation.
- 9. This subcontractor will refer to the Construction Manager's approved hollow metal shop drawings, aluminum window and door frame shop drawings, louver shop drawings, etc., when determining the masonry opening sizes required. The Construction Manager will provide the Subcontractor with approved shop drawings.
- 10. All cold and hot weather requirements are included. Subcontractor will be required to follow all guidelines related to the protection of in place masonry and the conditions under which masonry work can proceed daily. Schedule delays due to Subcontractor's unwillingness to comply with production under cold and hot weather requirements are not acceptable.
- 11. This subcontractor shall tool or strike all joints flush in areas to receive insulation, waterproofing, surface applied drywalls, furred drywall partitions, etc. Subcontractor is responsible for identifying such areas in compliance with manufacturer's recommendations for substrate conditions. All masonry shall be assumed jointed except at concealed exterior cavity walls and walls to receive ceramic tile.
- 12. Subcontractor to provide all transitional membranes required to complete a warrantable system that adheres to the materials covered by this scope of work.
- 13. Cleaning of all masonry materials furnished and installed under this Scope is included in accordance with manufacture's recommendations, Contract Documents, and as approved by the Architect. Subcontractor will provide a sample cleaning area (area indicated by Construction Manager) for review prior to beginning the block cleaning operation. All block cleaning will be in accordance with the procedures indicated in the



- specifications and by the manufacturer of the cleaning solution. Protection of windows, doors, hardware, planting, roofing and flashings, etc. is included in the performance of this operation.
- 14. This subcontractor shall clean the building (block, etc.) on an as-needed area basis determined by the Construction Manager in order to release subsequent trades to work (i.e. caulking, landscaping, etc.).
- 15. Subcontractor is responsible for protecting block work before and after block cleaning operations including, but not limited to, soil staining, walk board splatters, mortar, grout, etc. until receiving Architect's acceptance of work. Subcontractor shall provide a final re-clean of all masonry installations soiled during construction during Construction Manager's punch list phase and prior to Architect's punch list phase for each building.
- 16. All walls are to be considered finish product. All mortar will be mixed by this Subcontractor in accordance with the Contract Documents and shall be proportioned as indicated by the mortar manufacturer's instructions by utilizing prefabricated 1 C.F. box for measuring sand.
- 17. Subcontractor will ensure that consistent joint work is achieved, and the radius of jointer indicated is used by all masons on the crew and that the crew is tooling the joints correctly and at the correct time. Provide flush joints at all base locations as indicated on the finish schedule notes and mock-up requirements. Subcontractor is responsible for identifying tooling joint types, locations, elevations above finish floors with ceiling heights, etc.
- 18. Subcontractor shall correct all punch list items indicated by either the Construction Manager or the Architect immediately upon notification to prevent delaying subsequent trades from proceeding with their work. All masonry shall be sawcut. All saw cutting shall be performed outside the building limit areas, or as otherwise approved by the Construction Manager, to limit dust exposure to the building components (exposed concrete, windows, MEP piping and conduits, light fixtures, mechanical equipment, ductwork, etc.).
- 19. Subcontractor shall protect on a daily basis all stored materials and the tops of all walls under construction from moisture in order to minimize potential efflorescence of the block and mortar.
- 20. Subcontractor is responsible for all layout of masonry walls, bond beams, block walls, wall openings, door and window frames, masonry coursing and bonding, embeds within this scope of work, block outs, control joints, expansion joints, joint covers (Addendum 2), windows, louvers, fire extinguisher cabinets, toilet accessories, etc. Construction Manager will provide building control lines for Subcontractor (one north-south line, one east-west line, and one benchmark elevation) on a per building basis only.
- 21. Subcontractor shall coordinate all installations under this agreement with the Mechanical, Electrical, Fire Protection and Plumbing Subcontractors and the Contract Documents to ensure their items are embedded, thru-wall conditions and/or blocked-out in accordance with the Contract Documents.



- 22. This contractor shall participate in BIM coordination with MPE trades to ensure all precast through masonry are installed within one quarter of an inch (¼") of modeled locations including bond beams. This subcontractor will be provided with BIM coordination access and drawings. Mason will participate in weekly BIM coordination calls.
- 23. Subcontractor will supply all incidental formwork and structural materials if required to support work under this agreement. This specifically includes materials and labor to install falsework for masonry cased openings, phased work requirements, expansion joint covers, door openings, window openings, louvers, in-set walls, recesses, arches, ductwork openings, door frames, etc. Subcontractor shall not use premanufactured CMU lintels unless submitted and approved by Architect.
- 24. All MEPF pipe sleeving shall be furnished by appropriate MEPF Subcontractor and installed by this Subcontractor. Layout of sleeving shall be by MEPF trades.
- 25. Exposed CMU will be "pointed up" and rubbed to accept specified finishes in accordance with Project Specifications, subsequent Subcontractors acceptance, and Architect's acceptance. Subcontractor shall "point" and rub all walls on an as-needed area determined by the Construction Manager in order to release subsequent trades to work (i.e. painting, ceiling grid, etc.).
- 26. When Masonry walls need to match the elevation of other structural members such as: roof trusses and glulam beams, for roof installation, this subcontractor shall coordinate elevation and contour of adjacent structure.
- 27. This subcontractor shall coordinate angle bracing for walls to structure above with MEP coordination drawings/model.
- 28. This Subcontractor is responsible for all costs associated with re-painting should such pointing and patching not be completed in accordance with Contract Documents and Architect's acceptance after said Subcontractor stated work had previously been completed.
- 29. Construction Manager's Electrical Subcontractor will provide OSHA required illumination only by natural or artificial means. This Subcontractor shall be responsible for providing additional task lighting above these requirements, if needed, to complete wall finishes.
- 30. Subcontractor shall provide all cutouts for toilet accessories, fire extinguisher cabinets, Knox boxes, door hardware, lockers, display cabinets, access panels, MEPF items, etc. Product data and layout information will be provided to the Subcontractor by the Construction Manager for items requiring cutouts and block outs.
- 31. Concrete Subcontractor will provide major cleaning of dirt off of footings prior to start of masonry on a one-time only basis. If Subcontractor fails to begin installation of masonry on foundations at that time, and the said foundations require re-cleaning, this will become the responsibility of this Subcontractor. Minor cleaning (sweeping) of foundations will be performed by this Subcontractor. Subcontractor is responsible for all dewatering of excavations while performing work under this agreement at excavation locations.



- 32. Subcontractor will provide all pumping, dewatering, and de-mocking of their area that can collect water.
- 33. All masonry foundation stem walls shall terminate at elevation appropriate for Concrete Subcontractor to place concrete slab-on-grade prior to Subcontractor continuing walls vertical and without forming slab edges (stem walls shall extend to or above finish floor slabs). At the time of foundation stem wall installation, Subcontractor shall also extend support block to design location (below finish site grade) to receive block including concrete fill, insulation, etc. to avoid re- excavation of building foundations.
- 34. Hollow metal door and window frames which build into masonry walls will be furnished by others to Subcontractor, for installation by this subcontractor, as follows:
 - a. Limited usage of HM frames will be utilized on this project. Where HM frames are required by code, and indicated in the contract documents, they will be bolted frames. This subcontractor shall be responsible for the filling of these frames with grout.
 - b. This scope includes installation of hollow metal doors and frames and hollow metal window frames within the construction of this scope of work. Installation of aluminum frames is by others. (Addendum 2)
- 32. Subcontractor agrees to let others utilize in-place scaffold after hours or without interfering with work under this agreement for the duration scaffolding is erected by this Subcontractor, provided indemnification and/or insurance certificates are provided to this Subcontractor from each Subcontractor utilizing scaffold.
- 33. All walls shall be braced if required per OSHA requirements.
- 34. Subcontractor shall allow time and provisions for Construction Manager, Owner and Architect to visually inspect all cavity wall and head flashings installed under this agreement prior to concealment. Failure to obtain such inspections may require Subcontractor to expose concealed Work at no additional cost to Owner or Construction Manager.
- 35. All wall cavities shall be kept clean of all debris and mortar droppings. Subcontractor is responsible for cleaning all cavities as directed by Architect.
- 36. Pre-wetting of all masonry prior to installation is included per Contract Documents.
- 37. Subcontractor will refer to Construction Manager's approved window/curtainwall, hollow metal and louver shop drawings when determining the masonry opening block returns at openings to provide sufficient amount of returns to accommodate window/louver/door installations for anchorages and caulking without exposing cavity or requiring backing materials by others not shown on documents. All block returns shall be saw cut and true at all abutting masonry, concrete or metal stud assembly substrates.
- 38. Subcontractor shall coordinate block projections, returns, etc. to provide smooth block returns at overhead door openings receiving steel jamb plates, hollow metal door installations, louvers, window returns, etc.



- 39. Subcontractor is responsible for designating, furnishing, installing, maintaining and removing two safe entrances into buildings for others for the protection from overhead debris for the entire duration of performing any operations under this agreement. Safe entry shall have appropriate signage identifying safe entry and shall have safety fencing installed to direct pedestrian flow to safe entry and covered walkway if separation cannot be achieved from overhead work.
- 40. Subcontractor is responsible for ensuring all quality control inspection requirements outlined in the Contract Documents are adhered to throughout the Project. Subcontractor is responsible for notifying Construction Manager and governing agencies of all inspection request.
- 41. The following items including, but not limited to, are to be furnished and installed by Subcontractor complete:
 - a. Masonry sand and aggregates.
 - b. Masonry concrete fill/grout including vertical and horizontal cell fills, bond beams, vertical cells at hollow metal frames, CMU below finished floor, grouting of the hollow metal door and window frames, foundation block cavity, etc.
 - c. All block and CMU expansion material, compressible fillers and control joint materials.
 - d. Surface mounted wall to wall expansion joint covers and gaskets as shown on the drawings.
 - e. Masonry joint reinforcing including ties, dovetail anchors, wire reinforcing, etc.
 - f. CMU of all sizes, fire ratings and shapes indicated including if specified bullnose units, fire rated units, scored units, structural units, architectural units, weight classifications, etc.
 - g. All masonry through wall flashing indicated is included. This shall include the furnishing and installation of through-wall flashing at window sill application locations that have masonry backup conditions.
 - h. Cleaning of all items installed under this scope.
 - i. Cavity drain mat, nets, drip boards, weep vents, wicking material, etc. is included.
 - j. Subcontractor shall provide all compressible fillers as required at the top of wall conditions.
 - k. All z-ties including sealing of penetrations of membrane flashings installed under this agreement.
 - 1. All reinforcing steel (rebar) and bar positioners.
- 42. Furnishing, installing, maintaining and removal of all exposed rebar safety caps for dowels, etc. are included. Removal shall only occur under this agreement when concealed. Safety caps shall be installed on all exposed rebar installed under this agreement. Subcontractor is also responsible for the removal and placement of rebar caps installed by Concrete Subcontractor in a barrel(s) and turnover to Concrete Subcontractor.
- 43. Subcontractor is responsible for the cleanliness of all reinforcing steel prior to concrete/grout placement.
- 44. Subcontractor is responsible for the removal and disposal off-site of all extra reinforcing steel and shall not utilize Construction Manager's dumpster for such disposal.



- 45. The following items will be furnished only by the other trades for unloading, distribution, and installation by this Subcontractor:
 - a. Loose masonry and block steel lintels (of all weights and lengths) set in or bearing onto masonry to include all associated anchor bolts.
 - b. Embeds, bearing plates, and anchor bolts located within this work.
 - c. Roofing related counter flashings required to be built-in block masonry.
 - d. Non-formwork related sleeving requirements for PME Contractors built into work under this agreement.
 - e. Structural steel masonry wall anchorage devices to columns, beams, slab edges, etc.
 - f. Dowels from footings or foundation walls will be provided by Concrete Subcontractor to meet the spacing and minimum lap requirement starting at concrete placement only. Dowels to be drilled and epoxied at thickened slabs to be furnished and installed per structural details by this masonry subcontractor. (Addendum 2)
- 46. Subcontractor is responsible for providing a fall protection plan and engineered system signed and sealed by a licensed and registered Engineer in State of North Carolina. Subcontractor shall furnish and install a fall protection system to allow masonry worker to install masonry block at exposed areas. All systems shall be per OSHA guidelines in meeting a guardrail and tie-off system.
- 47. Subcontractor shall provide shop drawings indicating control joint locations as indicated on plans and not exceeding 30' of continuous wall length to verify layout, quantity, aesthetic locations, masonry coursing layout, lintel conditions and bearing, door/window openings, etc.
- 48. Daily reports shall provide actual daily block installations quantities and listing of total quantity of block installations to provide a percent complete on a per area basis.
- 49. Subcontractor is responsible for the engineering, layout, and installation/removal of temporary landing platforms required for material staging and trash removal. Subcontractor is responsible for furnishing, installing, maintaining and removing any safety railing requirements at these locations.
- 50. Subcontractor has reviewed the Drawings & Specification for this Project, has found no obvious omissions, and further agrees that the Work of this Agreement and the Project can be constructed within the milestone and completion dates without claims for delay or impact costs, unless substantial Owner directed Scope changes occur.
- 51. Subcontractor shall be responsible for vehicular and pedestrian traffic control while performing this scope of work.
- 52. Subcontractor is responsible to coordinate and schedule the installation of through wall metal flashing with the roofing subcontractor.
- 53. Subcontractor is responsible for reviewing the logistics plans for "leave out areas." Leave out areas will be used for stocking material to the second floor/mezzanine of the building.
- 54. This subcontractor must provide the BIM manager with electronic plans of all shop drawings. These plans will be used to create all coordination elevations requiring penetrations. Coordination with the BIM manager may be necessary.
- 55. All HM Frames in masonry construction are to be set by the Masonry Subcontractor and provided by others.



- 56. The following items including, but not limited to, are to be furnished and installed by Subcontractor complete:
 - a. Block of all types, sizes, and special shapes indicated in the Contract Documents. Subcontractor is responsible for field cutting all special shaped blocks, lipped block, etc. from block selections. All mortar including admixtures, colors, etc. as required. Ensure all grout is properly consolidated to meet the requirements of the specifications and design.
 - b. All Foamed-In-Place insulation and air barrier required for all exterior wall assemblies with the exception of foamed-in-place insulation behind metal panels and soffit panels. (Addendum 2) Contractor should anticipate multiple mobilizations for this work.
 - e. All Foamed in-place insulation and air barrier behind the metal wall panels. (Addendum 2)

G. <u>DESCRIPTION OF SCOPE EXCLUSIONS</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. Foamed-in-place insulation behind exterior metal panels and metal soffit panels is not included in this scope. (Addendum 2)



BID PACKAGE #BP0710 DAMP PROOFING, WATERPROOFING, FIREPROOFING & JOINT PROTECTION (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **DAMP PROOFING**, **WATERPROOFING**, **FIREPROOFING & JOINT PROTECTION SYSTEM**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. <u>CONTRACT DOCUMENTS:</u>

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. **BONDING REQUIREMENTS:**

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

1. Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

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Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent, and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. All subcontractor employees must have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity or comparable in specs and capabilities.
- 8. This subcontractor will not use or allow the building's drainage systems to clean debris or dispose of waste materials. If any drainage systems are clogged or obstructed by this subcontractor's materials, this subcontractor will reimburse the Contractor for the repair cost plus a mark-up.
- 9. This subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The subcontractor will request such information from the Design team in writing as a Request for information (RFI) through the file-sharing program Procore. Requests for such information shall be made in advance to avoid any delay in the work.

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- 10. This subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this subcontractor's work. All deliveries, hoisting, and storage of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building, it must be installed within five (5) workdays. This subcontractor must utilize its own equipment to unload material.
- 11. This subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use of active public roadways.
- 12. This subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See Exhibit J for more details.
- 15. The subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of the contract, this subcontractor is required to issue a manpower count for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and approve the proposed manpower counts before commencing this work. Metcon, Owner, Architect, & Consultants will constantly track the manpower for each activity to ensure compliance with the schedule and the forecasted status of the project, which will measure performance. If the subcontractor has low productivity/performance, resulting in schedule delays, this subcontractor will increase its manpower at Metcon's, Owner's, and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, this subcontractor is responsible for securing and protecting all their materials and work in place.
- 18. This subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.
- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. This subcontractor is required to review all project drawings and specs. This subcontractor will have an opportunity to ask questions about design intent before bidding; after the bid and award of the package, the subcontractor will utilize the most stringent design. The design utilized shall be in the best interest of the Owner.

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- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. The subcontractor shall only remove temporary construction fences, safety control devices, or sediment control devices with advanced approval from the construction manager. In the event that removal is required, the subcontractor shall reinstall it in the same condition or better.
- 22. This subcontractor will abide by local noise ordinances as required.
- 23. All non-compliance items or punch lists brought to the subcontractor's attention in Procore must be corrected and "ready for review" within 5 working days of initiation by the Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of five (5) days per week, ten (10) hour days, fifty-two (52) weeks per year, with standardized starting and quitting timed 7 am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances is the subcontractor permitted to work without a construction manager's representative on site.
- 27. Protection of work in place: This subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials, tools, and equipment from damage resulting from this subcontractor's activities. This subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the subcontractor without first obtaining the approval of the Construction Manager and having completed the site-specific job site orientation. This subcontractor will confirm and/or provide all their visitors with the site-required personal protection equipment.
- 30. No photographs or videos (including drone videos) of the project may be taken without the construction manager's and owner's prior approval. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.
- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.
- 33. Weekend work might be necessary to meet the project schedule, which must be coordinated with the Construction Manager if required. The construction manager will not allow weekend work if the subcontractors are not already working the full number of job site hours with full crews. This means that if you are working less than Monday through Friday, 7 am -5:30 pm, the site will not be open on the weekend unless excusable inclement weather determined by the CM occurs during the week. There will be no issue

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- with opening the site as much as necessary to facilitate subcontractors who are trying to meet the scheduled responsibilities by working the total amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. The construction manager reserves the right to add a fifteen (15) percent mark-up to all back charges that the construction manager facilitates. If back charges are resolved without the involvement of the Construction Manager, no mark-up will be applied.
- 36. Time and Material tickets must be approved by the Construction Manager's superintendent within 24 hours of work commencing. Invoices associated with time and material tickets must be submitted to the Construction Manager's Project Manager within thirty (30) days of work commencing. All invoices must reference a "CE number" assigned by the CM. Invoices not referencing a "CE number" will be returned and not processed.
- 37. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 38. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.
 - j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.
- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.



- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are inperson and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote

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E. SCOPE OF WORK SPECIFICATION:

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 07 11 00 DAMPPROOFING
- 2. SECTION 07 13 00 SHEET WATERPROOFING
- 3. SECTION 07 14 16 COLD FLUID-APPLIED WATERPROOFING
- 4. SECTION 07 27 00 AIR BARRIERS
- 5. SECTION 07 84 00 FIRESTOPPING
- 6. SECTION 07 90 00 JOINT PROTECTION
- 7. SECTION 07 95 13 EXPANSION JOINT COVER ASSEMBLIES

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. This subcontractor is responsible for verifying the compatibility of shop-applied coatings with topcoats applied in the field. Surface preparation and barrier coats, as required to achieve compatibility of primer and topcoats, are part of this Scope.
- 2. This subcontractor is aware that custom and multiple colors will be required for Work of this Scope to match substrate colors in accordance with the Architect's approved color selections for this Scope of Work.
- 3. All masking and protection of existing work are included. Excess material shall be removed using products and methods that do not damage finished surfaces. The subcontractor shall remove all protection materials and shall be responsible for all costs should those materials damage materials by others upon removal.
- 4. This subcontractor is responsible for cleaning joints of foreign dust materials before caulking. The removal of zip strips from concrete expansion joint materials is included in this Agreement.
- 5. This subcontractor protects all joints from traffic and weather (rain) after installation.
- 6. All samples and mock-ups are included for Architect's approval.
- 7. All manufacturer and required field testing is included.
- 8. Proper ventilation and protection to ensure fumes flow out of the building during the curing period.
- 9. Top of wall fire-safing.
- 10. All through penetration, fire stopping of both rated and non-rated assemblies is included.

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- 11. The following is a general list of Joint Protection inclusions, but is not strictly limited to the following whether indicated on drawings or not:
 - a. All building mechanical louvers.
 - b. All building hollow metal door and hollow metal window frames (both sides of frames) to masonry wall and/or gypsum wallboard conditions.
 - c. All building exterior hollow metal door frames (interior and exterior sides for frames) to masonry/brick wall conditions.
 - d. All exterior brick veneer and masonry joints including all control joints, brick copings/flashings, brick-to-steel shelf lintels, veneer penetrations of conduit, hose bibs, brick caps and windowsills, abutting concrete, etc.
 - e. All soffit and fascia metal panel perimeter caulk to brick veneer.
 - f. All sidewalk and concrete paving control and expansion joints including perimeters to following items: building brick, bollards, concrete curbs, asphalt paving, brick pavers, brick site and seat walls, concrete stairs, etc.
 - g. Caulking of aluminum canopy to brick.
 - h. All rated and non-rated masonry wall caulk requirements per wall types, etc. This work shall include tops of walls, perimeters of walls, penetrations of walls, etc.
 - i. All hollow metal door and window frames.
 - j. All masonry control joints.
 - k. Caulk tops and ends of all millwork backsplashes.
 - 1. All access panel perimeters to ceiling and/or wall substrate.
 - m. All fire extinguisher cabinet perimeters to wall substrate.
 - n. All exposed structural steel perimeters to brick veneer, metal panels, etc.
 - o. All joints where masonry wall or brick veneer abuts steel column or beam.
 - p. Caulk all joints at metal panels and brick.
 - q. All fire caulk & fireproofing at penetrations in fire assemblies.
 - r. All penetrations that are made by the MEP and Fire Protection trades shall be their responsibility. This subcontractor shall be responsible for fire caulking any other remaining penetrations.
 - s. All expansion joint covers. (Addendum 2)
- 12. All manufacturers and required field testing.
- 13. This subcontractor is responsible for obtaining the Architect's approval of all installations prior to demobilizing the site at the end of each phase to accept work before it is concealed by other trades. The CM's sole approval without the Architect's concurrence is unacceptable and shall not be grounds for this Subcontractor not to comply with specification requirements under this agreement.
- 14. If guaranteed dimensions are required, each subcontractor shall be responsible for providing durable templates that can withstand installation. Each template shall have layout dimensions if it is to be installed by another trade. Each subcontractor is responsible for confirming the accuracy of each template installed immediately before and after placement.
- 15. All notations on contract documents relating to FIRESTOPPING and JOINT PROTECTION referenced as "by General Contractor", "by CM", or by "Construction Manager" shall be assumed to be included in this agreement by Subcontractor.
- 16. Included is all masking and protection of existing work. Excess material shall be removed with products and methods which cause no damage to finished surfaces. The subcontractor shall remove all protection materials and shall be responsible for all costs should protection materials be damaged materials by others upon removal.

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17. Subcontractor is responsible for all cleanup of debris from materials and installation of materials included in this scope.

G. <u>DESCRIPTION OF SCOPE EXCLUSIONS:</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

- 1. Caulking of aluminum window exterior perimeters. By Glazing/Curtain wall/Storefront Subcontractor.
- 2. Caulking of roof-related flashings. By Roofing subcontractor including but not limited to miscellaneous steel.

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Wall Panels (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **WALL PANELS PACKAGE**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. **CONTRACT DOCUMENTS:**

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

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Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent, and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. All subcontractor employees must have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity or comparable in specs and capabilities.
- 8. This subcontractor will not use or allow the building's drainage systems to clean debris or dispose of waste materials. If any drainage systems are clogged or obstructed by this subcontractor's materials, this subcontractor will reimburse the Contractor for the repair cost plus a mark-up.



- 9. This subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The subcontractor will request such information from the Design team in writing as a Request for information (RFI) through the file-sharing program Procore. Requests for such information shall be made in advance to avoid any delay in the work.
- 10. This subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this subcontractor's work. All deliveries, hoisting, and storage of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building, it must be installed within five (5) workdays. This subcontractor must utilize its own equipment to unload material.
- 11. This subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use of active public roadways.
- 12. This subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See Exhibit J for more details.
- 15. The subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of the contract, this subcontractor is required to issue a manpower count for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and approve the proposed manpower counts before commencing this work. Metcon, Owner, Architect, & Consultants will constantly track the manpower for each activity to ensure compliance with the schedule and the forecasted status of the project, which will measure performance. If the subcontractor has low productivity/performance, resulting in schedule delays, this subcontractor will increase its manpower at Metcon's, Owner's, and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, this subcontractor is responsible for securing and protecting all their materials and work in place.
- 18. This subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.



- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. This subcontractor is required to review all project drawings and specs. This subcontractor will have an opportunity to ask questions about design intent before bidding; after the bid and award of the package, the subcontractor will utilize the most stringent design. The design utilized shall be in the best interest of the Owner.
- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. The subcontractor shall only remove temporary construction fences, safety control devices, or sediment control devices with advanced approval from the construction manager. In the event that removal is required, the subcontractor shall reinstall it in the same condition or better.
- 22. This subcontractor will abide by local noise ordinances as required.
- 23. All non-compliance items or punch lists brought to the subcontractor's attention in Procore must be corrected and "ready for review" within 5 working days of initiation by the Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of five (5) days per week, ten (10) hour days, fifty-two (52) weeks per year, with standardized starting and quitting timed 7 am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances is the subcontractor permitted to work without a construction manager's representative on site.
- 27. Protection of work in place: This subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials, tools, and equipment from damage resulting from this subcontractor's activities. This subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the subcontractor without first obtaining the approval of the Construction Manager and having completed the site-specific job site orientation. This subcontractor will confirm and/or provide all their visitors with the site-required personal protection equipment.
- 30. No photographs or videos (including drone videos) of the project may be taken without the construction manager's and owner's prior approval. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.
- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.



- 33. Weekend work might be necessary to meet the project schedule, which must be coordinated with the Construction Manager if required. The construction manager will not allow weekend work if the subcontractors are not already working the full number of job site hours with full crews. This means that if you are working less than Monday through Friday, 7 am -5:30 pm, the site will not be open on the weekend unless excusable inclement weather determined by the CM occurs during the week. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the scheduled responsibilities by working the total amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. The construction manager reserves the right to add a fifteen (15) percent mark-up to all back charges that the construction manager facilitates. If back charges are resolved without the involvement of the Construction Manager, no mark-up will be applied.
- 36. Time and Material tickets must be approved by the Construction Manager's superintendent within 24 hours of work commencing. Invoices associated with time and material tickets must be submitted to the Construction Manager's Project Manager within thirty (30) days of work commencing. All invoices must reference a "CE number" assigned by the CM. Invoices not referencing a "CE number" will be returned and not processed.
- 37. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 38. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.
 - j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this



subcontractor complies. No additional cost or time will be considered due to any acceleration required.

- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
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Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote



E. SCOPE OF WORK SPECIFICATIONS:

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 07 41 13 METAL ROOF PANELS (Addendum 1)
- 2. SECTION 07 42 13 METAL WALL PANELS
- 3. SECTION 07 42 93.13 METAL SOFFIT PANELS
- 4. SECTION 07 21 19 FOAMED-IN-PLACE INSULATION (Addendum 2)

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. Subcontractor to furnish and install all interior and exterior metal wall panels.
- 2. Subcontractor shall furnish and install all exterior metal wall panels and metal soffit panels including but not limited to all prefinished panels, gaskets, panel mounting systems, stiffeners, metal furring, trim metals, steel sub girts/hat channels, hangers, flashings, closures, sealants, covers, wraps, fillers, soffits, borders, other metal trim items and accessories, copings, weather-stripping, fasteners and anchors, clips, rigid all insulation, shims, spacers, and all other incidental items required for a complete and weather-tight system. (Addendum 2)
- 3. Subcontractor is responsible for the supply and install of all metal furring channel and J closures for this scope of work to create a complete system.
- 4. Subcontractor to furnish and install the Rainscreen System complete to satisfy manufacturer's warranty.
- 5. Subcontractor to provide and install all required flashing and trim to complete installation.
- 6. Provide all metal wall panels per specification sections and Contract Drawings.
- 7. Subcontractor has reviewed the finish schedule for color, texture and pattern of finish coat and caulking.
- 8. Supply & install all flashings with drip edge at bottom of metal wall panels, and any other flashing required for proper installation of this scope. Other adjacent flashings by others.
- 9. Coordination and/or cutting of spray foam insulation on an as needed bases for the installation of the wall panel, is in this scope of work.



- 10. Provide all required mock-ups of work for Owner/Architect approval.
- 11. Subcontractor shall clean, straighten and punch-list all the materials installed by this scope for Construction Manager's and Architect's acceptance prior to final acceptance by the owner.
- 12. Ensure that all waterproofing is included as part of a warranted manufacturer approved assembly.
- 13. Subcontractor is responsible for all cleanup of debris from materials and installation of materials included by this scope.
- 14. Subcontractor is responsible for coordination with metal stud/framing subcontractor, canopy subcontractor, mason, storefront/glazing subcontractor, spray foam insulation subcontractors or any other subcontractor whose work affects the sequencing of installation for this scope.
- 15. Subcontractor is responsible for waterproof barrier and flashing at all openings within this scope of work.
- 16. Subcontractor is responsible for all caulking, to include caulking to dis-similar materials per manufacturer's recommendations within or adjacent to this scope of work.
- 17. Subcontractor shall final clean per specifications following completion of all surrounding installations prior to Owner's acceptance of building.
- 18. Subcontractor is responsible for protection of all installation surfaces from scratches, dents, etc. until wall panel installation and caulking operations under this agreement are 100% complete by Subcontractor. Subcontractor shall notify Construction Manager in writing when the project or a mutually designated portion or area thereof, is 100% for Construction Manager's review, at which time Construction Manager will accept wall panel conditions with the exception of those items and conditions identified during walk-thru acceptance.
- 19. The subcontractor shall provide labor, materials, and equipment for this scope of work at all required mock-ups under this agreement at no cost to the Construction Manager. The approved sample mock-ups will remain standing to provide the standards for the workmanship of the work. All sample panels shall be constructed and completed for Owner/Architect review by such time to allow for the manufacturing and shipment of materials in accordance with the project schedule.
- 20. This subcontractor is responsible for all foamed in-place insulation and air barrier behind the metal wall panels and soffit panels per the contract documents. (Addendum 2)

G. DESCRIPTION OF SCOPE EXCLUSIONS

The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. NONE



BID PACKAGE #0840 ALUMINUN WINDOWS-ENTRANCE-STOREFRONT-CURTAINWALL (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete ALUMINUM WINDOWS-ENTRANCE-STOREFRONT-CURTAINWALL & GLASS AND GLAZING PACKAGE. This shall include, but is not limited to, all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. CONTRACT DOCUMENTS:

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.



Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. It is mandatory that all subcontractor employees have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity, or comparable in specs and capabilities. This provision provides the subcontractor the capability of having access to Procore in the field with the latest set of drawings.
- 8. Subcontractor will not use or allow the use of the building's drainage systems for cleaning debris or disposing of waste materials. In the event of any drainage systems being clogged or obstructed by this Subcontractor's materials, Subcontractor will reimburse the Contractor for the repair cost plus a mark-up.



- 9. This Subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The Subcontractor will request such information from the Design team in writing in the form of a Request for information (RFI) through the file sharing program called Procore. The request for such information shall be made in advance to avoid any delay of the work.
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- 12. This Subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This Subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See exhibit J for more details.
- 15. The Subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications, unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of subcontract, each subcontractor is required to issue a manpower count necessary for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and must approve the proposed manpower counts prior to commencement of your work. Metcon, Owner, Architect & Consultants will constantly track the manpower for each activity to ensure compliance to the schedule and the forecasted status of project which will measure performance. In the event of the subcontractor having low productivity/performance, resulting on schedule delays, subcontractor will increase its manpower at Metcon's, Owner's and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, all Subcontractors are responsible for the securing and protection of all their own materials and work in place.
- 18. Each subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this Agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this Bid Package #: 0840

ALUMINUM WINDOWS-ENTRANCE-STOREFRONT-CURTAINWALL



- Agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.
- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. Subcontractor is required to review all project drawings and specs. Subcontractor will have an opportunity to ask questions about design intent before bidding; after bid and award of package subcontractor will utilize the most stringent design. The design utilized shall be to the best interest to the owner.
- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. Subcontractor shall only remove temporary construction fence, safety control devices or sediment control devices with advanced approval of the Construction Manager. In the event that removal is required subcontractor shall reinstall in the same condition or better.
- 22. Subcontractor will abide by local noise ordinances as required.
- 23. All punch list items must be corrected and "ready for review" withing 5 working days of initiation by Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of: five (5) days per week, ten (10) hour days, fifty two (52) weeks per year, with standardized starting and quitting timed 7am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances subcontractor is permitted to work without a Construction Manager's representative on site.
- 27. Protection of work in place: subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials tools, and equipment from damage resulting from this subcontractor's activities. Subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating, and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the Subcontractor without first obtaining the approval of the Construction Manager and having completed the site specific jobsite orientation. Subcontractor will confirm and/or provide all their visitors with the site required personal protection equipment.
- 30. No photographs, videos (including drone videos) may be taken of the project without prior approval of Construction Manager and Owner. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.



- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.
- 33. Weekend work might be necessary to meet the project schedule which must be coordinated with the Construction Manager if necessary. The Construction Manager will not allow weekend work if the subcontractors are not already working the full amount of job site hours with full crews. This means that if you are working less than Monday through Friday 7am -5:30pm the site will not be open on the weekend. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the schedule responsibilities by working the full amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. Construction Manager reserves the right to add a fifteen (15) percent markup in all back charges that are facilitated by the Construction Manager. If back charges are resolved without the involvement of the Construction Manager no markup will be applied.
- 36. Time and Material tickets must be approved by Construction Manager's superintendent withing 24 hours of work commencing and reference the Change Estimate (CE) number. Cost associated with time and material tickets must be submitted to Construction Manager Project Manager within thirty (30) days of work commencing.
- 37. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 38. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.



- j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.
- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote



E. SCOPE OF WORK SPECIFICATIONS

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 08 41 13 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
- 2. SECTION 08 42 26.10 GLASS DISPLAY CASE DOORS
- 3. **SECTION 08 80 00 GLAZING**
- 4. **SECTION 08 83 00 MIRRORS**
- 5. SECTION 10 71 13 EXTERIOR SUN CONTROL DEVICES (Addendum 2)

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. All products furnished under this agreement, including accessories, shall be prefinished in accordance with Contract Documents and the Architect's approved colors, textures, etc.
- 2. The subcontractor shall field measure and verify all rough openings, slab conditions, and dimensions prior to the fabrication and installation of aluminum assemblies and glass. For new construction areas framed in metal stud or masonry wall conditions, the contractor will guarantee rough opening measurements, provided the subcontractor issues Final Field Use Drawings approved by the architect to the contractor, masonry subcontractor, and metal stud/drywall subcontractor at least twenty-eight (28) days prior to the start of wall construction activities. Openings in poured-in-place concrete conditions must be field measured by the subcontractor.
- 3. This subcontractor is responsible for separating aluminum and other surfaces from sources of corrosion or electrolytic action at points of contact with dissimilar materials.
- 4. This subcontractor shall provide the manufacturer with testing for system performance requirements as specified under the Project Specifications, outlining the performance characteristics of all requirements under Project Specifications.
- 5. This subcontractor is responsible for all wood blocking, wood trim, spacers, shims, etc., to accommodate existing masonry substrate conditions, as detailed in the Contract Documents.
- 6. This subcontractor has acknowledged window placement locations within the wall cavities and shall detail, fabricate, and install a warrantable assembly as such, including all required flashings and caulking, whether indicated or not on the contract drawings to conceal surrounding substrates (including brick/air spaces/drywall returns to windows) and provide adequate caulking backers.
- 7. This subcontractor will also be responsible for all wood blocking and metal framing components which are detailed on this Subcontractor's shop drawings above the requirements of the Contract Documents



- to meet wind loading, dead loads, anchorage details, etc. (i.e. Subcontractor shop drawings shall not supersede work by others as indicated on the Contract Documents).
- 8. This subcontractor is responsible for all required field touch-up painting of factory finishes as may be required after installation and prior to Owner acceptance. Use materials and prepare as recommended by the paint manufacturer.
- 9. This subcontractor is responsible for protecting this scope of work until the Owner accepts aluminum, glazing, and caulking operations.
- 10. Provide all prefinished sill flashings, sill receptors, trim closures, drip flashings, head flashings, etc., to meet manufacturers' and Architect's requirements for a warrantable system.
- 11. Furnish and install all brake metal as directed by CM to the storefront/ curtain wall framing system.
- 12. All assemblies shall be shipped to the project, or glazing shall be shipped with assemblies and installed concurrently with frame installation to provide an immediate secure and dried-in condition for this Project. If the Subcontractor fails to provide glazing with framing installation, this Subcontractor will be responsible for providing temporary secure and weather-tight alternative installation to the glazing at no additional cost to the Contractor.
- 13. Scheduled start and finish dates shall mean complete aluminum and glazing installations.
- 14. Subcontractor to provide and maintain temporary wood or metal framed plastic covering in-fills at all door and window openings until permanent doors and windows are installed. This Subcontractor is responsible for removing temporary windows as installation begins for each opening under this agreement. Each temporary window assembly shall be carefully removed from the opening, transported to the Construction Manager's laydown yard, and neatly stacked by this Subcontractor for future re-use.
- 15. Provide all Aluminum Framed Entrances and Storefronts, including all required aluminum framing members, internal structural reinforcing, structural anchorage devices to building structure, factory and field testing, weather-stripping, fasteners and anchors, setting blocks, shims, spacers, edge blocks, glazing points, angle clips, beads, concealed sealants, bituminous paint, welding, and all other incidental items required for a complete structural and weather-tight system.
- 16. All sill flashings, head flashings, and break metal closures at mullions and jambs/heads/sills are included.
- 17. This subcontractor coordinates and prepares all assemblies to receive specified glass and door hardware.
- 18. This subcontractor is responsible for furnishing and installing all aluminum door weather-stripping, silencers, weather sweeps, etc.
- 19. This subcontractor is responsible for furnishing and installing all wall mounted frameless glass mirrors as specified in Section 08 83 00 Mirrors.
- 20. This subcontractor is responsible for furnishing and installing complete all aluminum and glass display cases including doors/frames, hardware, glass as indicated in the Contract Documents.
- 21. If applicable, this subcontractor shall provide and install all Composite Doors and Frames as indicated on door and window schedules.
- 22. This Subcontractor is responsible for the coordination, receipt, shipping (from the hardware supplier's local office), handling, unpacking, storage, protection, and installation (field and factory) of all hardware required for aluminum doors. Field cutting/ fitting of thresholds and weather stripping are included herein.



- 23. This Subcontractor is responsible for providing all required holes, chases, backing/drop plates, stile sizing, header profiles, etc., required for the installation of said hardware equipment furnished by others per specification section 08 71 00 Door Hardware requirements, electrical rough-in (security, power, card readers, etc.) and complete operation.
- 24. All shop drawings provided under this agreement shall be fully detailed and coordinated with other scheduled hardware installations before fabrication.
- 25. This subcontractor acknowledges that any additional hardware materials specified under specification section 08 41 13 are not part of the hardware package under 08 71 00 and shall be provided herein at no additional cost to the Contractor.
- 26. All fabrication of storefront and door assemblies shall be completed off-site and shipped to the project. *No on-site fabrication of aluminum assemblies will be permitted.*
- 27. It is the responsibility of this Subcontractor to verify door undercut requirements based on the interior floor finish requirements. Frames shall be assumed to rest on building slab.
- 28. This Subcontractor shall provide temporary lockable doors at all aluminum door openings for construction use. The permanent doors will be installed at the end of each phase or as directed by the Contractor.
- 29. All window hardware is included.
- 30. Included is all annealed glass, heat treated glass, laminated glass, insulating glass, float glass, tempered glass, wired glass, spandrel glass, pyrolytic glass, tinting of glass, etc. including combinations thereof, as specified in the Contract Documents and as required by the inspecting agencies having jurisdiction.
- 31. If applicable, include polycarbonate panels in gym windows.
- 32. All structural, weather-tight, and aesthetic *caulking* is included for the proper installation of items included in this scope. This specifically includes both the interior <u>and</u> exterior perimeter caulking, butt glazing, glazing, framing members, etc., complete of all assemblies provided under this agreement in accordance with specification sections 07 90 00, per all related specification sections under this agreement, per manufacturer's recommendations, per contract drawings, and per Architect's requirements after installation completion of surrounding finishes.
 - a. Interior and exterior caulking operations shall be separate mobilizations from aluminum and glazing installations following prime painting, brick installations and cleaning, metal panel installations, concrete rubbing operations, etc.
 - b. All caulking colors shall match that specified or as approved by the Architect. Field mock-ups are included herein to obtain the Architect's approval.
 - c. c. This Subcontractor is responsible for all surface preparation and primers for caulk adhesion on both windows and surrounding substrate conditions. Field testing of adhesion to meet the Architect's acceptance of installations is included herein.
- 33. The subcontractor acknowledges that not all openings may be ready at the time of scheduled installation and agrees to remobilize areas as they become available at no cost to the Contractor.
- 34. Subcontractor is responsible for reviewing the logistics plans for "leave out areas." Leave out areas will be used for stocking material to the second floor / mezzanine of the building as required.



- 35. The subcontractor shall provide labor, materials, and equipment for this scope of work at all required mock-ups under this agreement at no cost to the Construction Manager. The approved sample mock-ups will remain standing to provide the standards for the workmanship of the work. All sample panels shall be constructed and completed for Owner/Architect review by such time to allow for the manufacturing and shipment of materials in accordance with the project schedule.
- 36. This subcontractor's scope includes complete furnish and install of exterior sun control devices per the contract documents. (Addendum 2)

G. <u>DESCRIPTION OF SCOPE EXCLUSIONS:</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. NONE



BID PACKAGE #0920 METAL FRAMING, ROUGH CARPENTRY AND GYPSUM BOARD (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete METAL FRAMING, LIGHT GAUGE METAL TRUSSES, ROUGH CARPENTRY AND GYPSUM BOARD PACKAGE. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. CONTRACT DOCUMENTS:

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

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Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

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Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.



Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

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- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. It is mandatory that all subcontractor employees have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity, or comparable in specs and capabilities. This provision provides the subcontractor the capability of having access to Procore in the field with the latest set of drawings.
- 8. Subcontractor will not use or allow the use of the building's drainage systems for cleaning debris or disposing of waste materials. In the event of any drainage systems being clogged or obstructed by this Subcontractor's materials, Subcontractor will reimburse the Contractor for the repair cost plus a mark-up.



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- 12. This Subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This Subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See exhibit J for more details.
- 15. The Subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications, unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of subcontract, each subcontractor is required to issue a manpower count necessary for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and must approve the proposed manpower counts prior to commencement of your work. Metcon, Owner, Architect & Consultants will constantly track the manpower for each activity to ensure compliance to the schedule and the forecasted status of project which will measure performance. In the event of the subcontractor having low productivity/performance, resulting on schedule delays, subcontractor will increase its manpower at Metcon's, Owner's and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, all Subcontractors are responsible for the securing and protection of all their own materials and work in place.
- 18. Each subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this Agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this Bid Package #: 0920

METAL FRAMING, LIGHT GAUGE METAL TRUSSES, ROUGH CARPENTRY AND GYPSUM BOARD
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- Agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.
- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. Subcontractor is required to review all project drawings and specs. Subcontractor will have an opportunity to ask questions about design intent before bidding; after bid and award of package subcontractor will utilize the most stringent design. The design utilized shall be to the best interest to the owner.
- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. Subcontractor shall only remove temporary construction fence, safety control devices or sediment control devices with advanced approval of the Construction Manager. In the event that removal is required subcontractor shall reinstall in the same condition or better.
- 22. Subcontractor will abide by local noise ordinances as required.
- 23. All punch list items must be corrected and "ready for review" withing 5 working days of initiation by Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of: five (5) days per week, ten (10) hour days, fifty two (52) weeks per year, with standardized starting and quitting timed 7am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances subcontractor is permitted to work without a Construction Manager's representative on site.
- 27. Protection of work in place: subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials tools, and equipment from damage resulting from this subcontractor's activities. Subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating, and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the Subcontractor without first obtaining the approval of the Construction Manager and having completed the site specific jobsite orientation. Subcontractor will confirm and/or provide all their visitors with the site required personal protection equipment.
- 30. No photographs, videos (including drone videos) may be taken of the project without prior approval of Construction Manager and Owner. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.



- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.
- 33. Weekend work might be necessary to meet the project schedule which must be coordinated with the Construction Manager if necessary. The Construction Manager will not allow weekend work if the subcontractors are not already working the full amount of job site hours with full crews. This means that if you are working less than Monday through Friday 7am -5:30pm the site will not be open on the weekend. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the schedule responsibilities by working the full amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. Construction Manager reserves the right to add a fifteen (15) percent markup in all back charges that are facilitated by the Construction Manager. If back charges are resolved without the involvement of the Construction Manager no markup will be applied.
- 36. Time and Material tickets must be approved by Construction Manager's superintendent withing 24 hours of work commencing and reference the Change Estimate (CE) number. Cost associated with time and material tickets must be submitted to Construction Manager Project Manager within thirty (30) days of work commencing.
- 37. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 38. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.



- j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.
- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote



E. SCOPE OF WORK SPECIFICATIONS

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 05 31 00 STEEL DECK
- 2. SECTION 05 40 00 COLD-FORMED STEEL FRAMING
- 3. SECTION 06 10 53 MISCELLANEOUS ROUGH CARPENTRY
- 4. SECTION 06 83 16 FIBERGLASS REINFORCED PANELING
- 5. SECTION 07 21 00 THERMAL INSULATION
- 6. SECTION 07 21 19 FOAMED-IN-PLACE INSULATION
- 7. SECTION 07 27 00 AIR BARRIERS
- 8. SECTION 07 65 00 THROUGH WALL FLASHING
- 9. SECTION 08 31 13 ACCESS DOORS AND FRAMES
- 10. SECTION 09 21 16 GYPSUM BOARD ASSEMBLIES
- 11. SECTION 10 26 23.14 WALL PROTECTION

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. All structural and nonstructural cold-formed metal framing of all inclusive studs, hat channels, lintels, clip angles, welding, touch-up painting, reinforcements, fasteners, deflection/expansion tracks, firestop tracks, strapping, grouting of tracks, furring channels, slide clips to building structure, lateral wall bracing, hanger wire, and all other incidental items required and in strict accordance with Contract Documents, manufacturer's written instructions, and local building codes. All metal framing shall meet the wind load requirements outlined in the Contract Documents.
- 2. It is responsibility of this Subcontractor to request, receive, evaluate and engineer the loads placed on the metal studs by windows, storefronts, curtain wall, and floor slabs including all associated costs to frame metal studs to meet these load requirements.
- 3. Include all interior walls, masonry furred walls and exterior walls.
- 4. Include all interior and exterior walls soffit, ceilings, bulkheads, all soffits, bracing and wood blocking.
- 5. Include all required metal stud framing for metal wall panel and metal soffit installations required by others.
- 6. Subcontractor is responsible for coordinating layout and installations under this agreement to ensure compliance with metal and acoustical wall panel subcontractor's anchorage details at no additional cost to Construction Manager.
- 7. All in-fill framing required at steel beams and columns to receive insulation and/or drywall.
- 8. All furring as indicated including hat channels, gypsum wall board, sag resistant gypsum wallboard, water resistant, fire resistant, impact resistant, tile backing panels, exterior sheathing, etc.



- 9. All building envelope (exterior) metal studs, sheathing, sheathing flashing, air barrier flashing as coordinated and required, backup for exterior metal wall panels, sealants, adhesives, taping, and exterior drywall.
- 10. Tape and finish all drywall including accessories (corner bead, control joints, j-bead, u-bead, LC-beads, edge trims, reglets, reveals, etc.), fire-taping of fire walls and rated sub-ceilings, etc. All hanging and finishing shall be per the finish levels specified. Level 5 for all exposed surfaces and Level 1 for surfaces above finished ceilings and not exposed to view.
- 11. 07 21 00 Thermal Insulation for framed walls/Gypsum Board Assemblies
- 12. 07 21 19 Foamed-In-Place Insulation for framed walls/Gypsum Board Assemblies
- 13. 07 65 00 Through Wall Flashing 07 62 00 Sheet Metal Flashing and Trim in association with this scope of work (Addendum 2)
- 14. All Mineral Wool in association with this scope of work.
- 15. Stud framing in Steel.
- 16. Framing at gym stage platform where applicable
- 17. Turnbuckles and cables.
- 18. Mezzanine Floor area.
- 19. Blocking for millwork, restroom accessories, all items to be hung from or supported through Gypsum drywall assemblies, etc.
- 20. Backer board for Telecommunications, Plywood panels at phone boards and electrical panels, FRP panels, etc.
- 21. Fire rated Plywood in MDF and IDF's
- 22. DensGlass in all electrical rooms.
- 23. Supply, install and coordinate the installation of all access doors and frames.
- 24. This package shall include a \$20,000 allowance for unidentifiable repair to wall systems. This shall be broken out as a separate line item on SOV for tracking by CMAR. All savings will be deducted as a change order back to the Construction Manager at the end of the project.
- 25. Column enclosures as noted on plans.
- 26. All structural stud framing and bracing as shown.
- 27. All attachments to the structure required for this scope of work.
- 28. Installation of hollow metal doors and frames and hollow metal window frames within the construction of this scope of work. (Addendum 2)
- 29. Purple mold-resistant gypsum board shall be the minimum standard throughout the project unless a more stringent gypsum board is specified. Note- Provide Mold resistance gypsum wall bard at the "Top Out" of all walls prior to building dry-in.
- 30. Exterior soffit framing.
- 31. Exterior sheathing
- 32. This subcontractor shall provide all required framed openings in drywall assemblies installed under this agreement for all trades. Including but not limited to ductwork, MEPFP items, cable trays, toilet accessories, fire extinguisher cabinets, drinking fountains, etc. This subcontractor shall verify the required quantities, locations, and sizes of openings with other subcontractors.
- 33. Provide and install all FRP, whether installed on metal stud assemblies or directly applied to other wall surfaces.
- 34. Upon completion of work on each area, Subcontractor shall scrape and sand floors complete of all drywall mud where floors are to receive a covering. Subcontractor shall clean completely all floors, stairs, etc., which are exposed, finished concrete of all drywall mud. Subcontractor is responsible to protect surrounding substrates and finishes from Work of this Scope, especially window and MEPF installations, proceeding completion of work under this agreement.
- 35. All mock-up requirements are included as required by the Contract Documents.



- 36. This subcontractor is responsible for coordinating installation elevation and layout with the Construction Manager and ensuring proper placement, including trueness, levelness, extension from the building, proper installation with vapor barrier installed under this agreement, etc.
- 37. This Subcontractor is responsible for fire labeling all rated drywall assemblies, walls, and ceilings by a method approved by the architect, including verbiage, letter size, and spacing, for all rated wall/ceiling assemblies installed under this agreement.
- 38. This subcontractor protects all fire sprinkler heads and fire alarm devices from damage to drywall installations, mud, and dust.
- 39. This subcontractor is also responsible for the proper loading and distribution of stored materials so that excessive loads applied do not damage building structure elements.
- 40. This subcontractor is responsible for separating dissimilar metals from electrolytic actions.
- 41. Vacuum clean all wall cavities before installation of wall insulation and drywall is included building and sound insulation in metal stud walls and cavities. Before insultation and hanging drywall, this subcontractor and CM shall walk all walls to ensure that the cavities are clean.
- 42. Provide all casework (knee) wall framing and drywall. All assumptions shall be metal studs and drywall with reinforcing columns by this Subcontractor for (knee) wall construction at casework unless specifically denoted as wood construction as part of the cabinet construction.
- 43. The subcontractor understands solid-surface windowsills; if specified, they need to be field measured and ordered following the completion of drywall and window installations. This subcontractor will have to remobilize said areas to touch-up drywall finishes following window sill installations at no additional cost to the Construction Manager.
- 44. If guaranteed dimensions are required, this subcontractor shall be responsible for providing durable templates to withstand installation. Each template shall have layout dimensions if it is to be installed by another trade. This subcontractor is responsible for confirming the accuracy of each template installed immediately before and after placement.
- 45. The subcontractor shall properly stack and protect the drywall board on the dunnage to prevent the wicking action of water to the drywall sheets.
- 46. 5/8" Fiberglass face gypsum board sheathing for the wall panel installation is included in this scope of work. Coordination and/or cutting of spray foam insulation on an as-needed basis for the installation of fiberglass face gypsum is also included.
- 47. Fire-rated wall endcaps shall be furnished by this subcontractor.
- 48. The subcontractor shall provide labor, materials, and equipment for this scope of work at all required mock-ups under this agreement at no cost to the Construction Manager. The approved sample mock-ups will remain standing to provide the standards for the workmanship of the work. All sample mock-ups shall be constructed and completed for Owner/Architect review by such time to allow for the manufacturing and shipment of materials in accordance with the project schedule
- 49. Provide all **Light Gauge Metal Truss Assemblies** including, but not limited to, the following general outline:
 - All structural and nonstructural cold-formed metal framing of all trusses, hat channels, clip
 angles, welding, touch-up painting, reinforcements, fasteners, items required and in strict
 accordance with Contract Documents, manufacturer's written instructions, and local building
 codes. All metal framing shall meet the wind load requirements outlined in the Contract
 Documents.
 - ii. Subcontractor is responsible for full cooperation during coordination of layout and installations under this agreement to ensure compliance with metal roof decking anchorage details at no additional cost to Construction Manager.
 - iii. Subcontractor is responsible to make any repairs due to deterioration, wind damage, non-manufactured approved installations, etc. prior to concealment by operations under this



- agreement, roofing, etc. at no additional cost to Construction Manager for faulty installations or extended exposures outside the current project schedule expected durations of exposure.
- iv. Subcontractor shall properly stack and protect light gauge trusses on dunnage to prevent any wracking, warping or deflection.
- v. Subcontractor is also responsible for the proper distribution and loading of stored materials so as not to damage building structure elements due to excessive loads applied.
- vi. Subcontractor is responsible for separating dissimilar metals from electrolytic actions.
- vii. Subcontractor is responsible for full cooperation during coordination of installation elevation and layout with Construction Manager and ensure proper placement including trueness, levelness, extension from building, proper installation with vapor barrier installed under this agreement, etc.
- viii. All metal framing shall meet the wind load requirements outlined in the contract documents including loads imposed by roof assemblies.
- ix. A hoisting plan will be required for approval by CM
- 50. Layout of all work from Construction Manager's single horizontal and vertical control point for each building including openings, walls, soffit, door frames, windows, ceilings, accessories, etc.
- 51. All mock-up requirements are included.
- 52. Light gauge roof trusses are to be designed and fabricated to exact specification for roof system. Including but not limited to:
 - a. High strength-to-weight ratio
 - b. Non-combustible material
 - c. Wind and seismic resistance
 - d. Compatible with decking provided under this scope and roofing systems provided by roofing subcontractor.
 - e. Custom designed to match roof and ceiling profiles
 - f. Scope and Pricing to include:
 - Shop Drawings
 - o Truss and bracing layouts with connection and installation details
 - Trusses are to be fabricated on site and delivered to Harris Steel in bundles for setting on the glulam's (Addendum 2)
 - o Bracing material
 - o Provide truss to truss and truss to building connections
 - o Light gauge bent plates at eaves, ridges, hips, and valleys for support of the roof deck
 - o Roof edge framing per the contract drawings
 - O Clips or ties for attaching trusses to the building structure
- 53. This subcontractor to supply and install all decking on light gauge metal trusses. Roof decking on Gymnasium (Addendum 2)steel joists to be supplied and installed by others.
- 54. This subcontractor has inspected the site and is familiar with access, egress, staging, hoisting requirements, restraints, etc.
- 55. This subcontractor is responsible for furnishing, installation, and removal of all necessary temporary safety brackets, safety cables and fall protection devices for an OSHA approved erection of steel under this agreement. Subcontractor shall provide Construction Manager with copies of Subcontractor's fall protection plan, hoisting and rigging plan, crane(s) annual inspection and recent 3rd party inspection, safety policies, etc. prior to starting work.
- 56. This subcontractor shall be responsible for the coordination with the Work of other trades as to prevent rework, damages, or delays.
- 57. Any deviations, changes, and/or discrepancies differentiating the shop drawings from the Contract Documents shall be **clouded and clearly marked** requesting the Architect's/Engineer's and the Construction Manager's approval.



- 58. All required layout is included to perform this subcontractor's work. This subcontractor is responsible for maintaining a plumb and level installation.
- 59. This subcontractor shall notify Construction Manager of any, and all, required repairs, noncompliance items, mis-fabricated items, etc. due to fabrication or detailing errors so Construction Manager can properly and timely notify Engineer of Record for recommendations and repair approvals.
- 60. This subcontractor shall submit to the Construction Manager all welders' certificates and crane inspection certifications **ten (10) days prior to starting work**. All certifications and inspections shall be current in accordance with OSHA, the Contract Documents and Metcon's safety policies.

G. DESCRIPTION OF SCOPE EXCLUSION:

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The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. Roof decking at Gymnasium (Addendum 2) steel roof joists (by Structural Steel subcontractor)



BID PACKAGE #1073 AWNINGS-CANOPIES-SUN CONTROL DEVICES (Addendum 2) (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **AWNINGS-CANOPIES & SUN CONTROL DEVICES** (Addendum 2) **PACKAGE**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. **CONTRACT DOCUMENTS:**

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

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Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent, and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. All subcontractor employees must have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity or comparable in specs and capabilities.
- 8. This subcontractor will not use or allow the building's drainage systems to clean debris or dispose of waste materials. If any drainage systems are clogged or obstructed by this subcontractor's materials, this subcontractor will reimburse the Contractor for the repair cost plus a mark-up.

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- 9. This subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The subcontractor will request such information from the Design team in writing as a Request for information (RFI) through the file-sharing program Procore. Requests for such information shall be made in advance to avoid any delay in the work.
- 10. This subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this subcontractor's work. All deliveries, hoisting, and storage of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building, it must be installed within five (5) workdays. This subcontractor must utilize its own equipment to unload material.
- 11. This subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use of active public roadways.
- 12. This subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This subcontractor is responsible for maintaining streets and parking lots in clean condition for their scope of work.
- 14. This subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See Exhibit J for more details.
- 15. The subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications unless substantial Owner directed Scope changes occur.
- 16. Within 10 days of receipt of the contract, this subcontractor is required to issue a manpower count for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and approve the proposed manpower counts before commencing this work. Metcon, Owner, Architect, & Consultants will constantly track the manpower for each activity to ensure compliance with the schedule and the forecasted status of the project, which will measure performance. If the subcontractor has low productivity/performance, resulting in schedule delays, this subcontractor will increase its manpower at Metcon's, Owner's, and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 17. In the event of inclement weather, this subcontractor is responsible for securing and protecting all their materials and work in place.
- 18. This subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.

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- 19. This subcontractor must thoroughly examine all drawings to recognize and include elements within their area of responsibility. This subcontractor is required to review all project drawings and specs. This subcontractor will have an opportunity to ask questions about design intent before bidding; after the bid and award of the package, the subcontractor will utilize the most stringent design. The design utilized shall be in the best interest of the Owner.
- 20. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
- 21. The subcontractor shall only remove temporary construction fences, safety control devices, or sediment control devices with advanced approval from the construction manager. In the event that removal is required, the subcontractor shall reinstall it in the same condition or better.
- 22. This subcontractor will abide by local noise ordinances as required.
- 23. All non-compliance items or punch lists brought to the subcontractor's attention in Procore must be corrected and "ready for review" within 5 working days of initiation by the Construction Manager.
- 24. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
- 25. All subcontractors will adhere to a work week consisting of five (5) days per week, ten (10) hour days, fifty-two (52) weeks per year, with standardized starting and quitting timed 7 am to 5:30 pm regardless of external influences (such as driving distance, subcontractor's company policies, or personal preference.) No subcontractor will be allowed to work a four (4) day work week.
- 26. Under no circumstances is the subcontractor permitted to work without a construction manager's representative on site.
- 27. Protection of work in place: This subcontractor shall provide and maintain protection of all adjacent property and other subcontractor's work, materials, tools, and equipment from damage resulting from this subcontractor's activities. This subcontractor is responsible for the cost of repairing or replacing any items damaged by its employees, its lower-tier subcontractors, or its suppliers, including damage caused during stocking or hoisting.
- 28. In addition to any Owner site requirements, eating and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
- 29. No visitors shall be admitted to the job site by the subcontractor without first obtaining the approval of the Construction Manager and having completed the site-specific job site orientation. This subcontractor will confirm and/or provide all their visitors with the site-required personal protection equipment.
- 30. No photographs or videos (including drone videos) of the project may be taken without the construction manager's and owner's prior approval. All persons approved to take photographs/videos must attend training and will be provided with credentials.
- 31. All schedule of values shall be uploaded to GC Pay within ten (10) days of the letter of intent being awarded. All subcontractors' SOVs shall include the following standard items: mobilization, submittals, weekly composite cleanup, punch list, and project closeout. Material and labor shall be broken out as separate lines and further broken out to match the unit/phasing established in the project schedule. Schedule of values must be approved by Construction Manager prior to this subcontractor's first pay application. Construction manager requires a minimum of twenty (20) days to review the Schedule of Values.
- 32. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.

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- 33. Weekend work might be necessary to meet the project schedule, which must be coordinated with the Construction Manager if required. The construction manager will not allow weekend work if the subcontractors are not already working the full number of job site hours with full crews. This means that if you are working less than Monday through Friday, 7 am -5:30 pm, the site will not be open on the weekend unless excusable inclement weather determined by the CM occurs during the week. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the scheduled responsibilities by working the total amount of open hours.
- 34. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
- 35. The construction manager reserves the right to add a fifteen (15) percent mark-up to all back charges that the construction manager facilitates. If back charges are resolved without the involvement of the Construction Manager, no mark-up will be applied.
- 36. Time and Material tickets must be approved by the Construction Manager's superintendent within 24 hours of work commencing. Invoices associated with time and material tickets must be submitted to the Construction Manager's Project Manager within thirty (30) days of work commencing. All invoices must reference a "CE number" assigned by the CM. Invoices not referencing a "CE number" will be returned and not processed.
- 37. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
- 38. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 39. All required site safety documentation must be submitted in Procore 30 days after issuing the letter of intent. This is to include the following:
 - a. Executed the Partnership Form for the subcontractor safety and health incident prevention program.
 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
 - c. Trades whose work scope includes steel erection, pre-cast, demo, and roofing shall provide a written site safety plan.
 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.
 - j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.

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- 40. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 41. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
- 42. The subcontractor is required to utilize a robotic total station (similar to that offered by Hilti, Trimble, or Leica) for layout, backchecking, verification before installation, and documenting as-built conditions.
 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
 - b. Failure to use the robotic total station will result in a stop work order with no added time to the schedule until the subcontractor complies. No added cost associated with acceleration will be accepted.
 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 43. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote



E. SCOPE OF WORK SPECIFICATIONS

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. SECTION 10 71 13 EXTERIOR SUN CONTROL DEVICES (Addendum 2)
- 2. **SECTION 10 73 16 CANOPIES**
- 3. SECTION 10 73 26 WALKWAY COVERINGS

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

The following outlines the project-specific scope requirements of the work to be performed. This list represents the core tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional tasks and responsibilities that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. The furnishing, installation, and removal of all necessary temporary safety brackets, safety cables, and fall protection devices for an OSHA-approved erection of steel and aluminum under this agreement. Subcontractor shall provide Contractor with copies of Subcontractor's fall protection plan, hoisting and rigging plan, safety policies, etc., prior to starting work.
- 2. This subcontractor has included all falsework, scaffolding, engineering, temporary shoring and bracing, support members, erection angles, cables, loose hardware, embeds, welding, drilling, and anchors necessary to support framing members during erection. Any and all patchwork required, as a result of temporary systems utilized, which is associated with the erection of this Scope of Work shall be the responsibility of this Subcontractor.
- 3. This subcontractor shall be responsible for providing safe access for the testing agency and Engineer of Record for the Work being fabricated, stored, or erected so that required inspection and testing may be accomplished. It is understood and agreed that any work under this scope found to be non-compliant shall be corrected and re-tested at no cost to the Contractor and/or Owner.
- 4. This subcontractor will provide weld shields to protect surrounding finishes and visual harm to others.
- 5. This subcontractor shall utilize gas or diesel-operated welding machines required for the work under this Agreement. It is understood and agreed that temporary power may not be available onsite at the time this work is performed.
- 6. This subcontractor shall be responsible for the coordination of installation sequence with the work of other trades as to prevent rework, damages, or delays.
- 7. Any drilling or core drilling of concrete and masonry to complete this Scope is included, especially the installation of expansion and epoxy anchors. All cleaning and patching of sprawled areas due to drilling is the responsibility of this Subcontractor.
- 8. This subcontractor shall review both Architectural and Structural Drawings in conjunction with approved Fabricator Shop Drawings for conflicts in configuration and placement of canopy perimeter angles, etc.

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- 9. Any deviations, changes, and/or discrepancies differentiating the shop drawings from the Contract Documents shall be clouded and clearly marked, requesting the Architect's/ Engineer's and the Contractor's approval. Otherwise, it is understood that the Subcontractor shall furnish all products as per the Contract Documents.
- 10. This subcontractor shall submit to Contractor all welders' certificates and crane inspection certifications **ten (10) days prior to starting work**. All certifications and inspections shall be current in accordance with OSHA and the Contract Documents.
- 11. Per each specification section, the subcontractor shall perform surface preparation, shop painting, and hot-dipped galvanizing of materials supplied under this agreement.
- 12. The subcontractor is responsible for separating all dissimilar materials to prevent sources of corrosion due to electrolytic action and protect their work.
- 13. This subcontractor scope includes complete furnish and install of exterior sun control devices, (Addendum 2) walkway canopies, and awnings per the contract documents.
- 14. Provide signed and sealed engineered shop drawings by a registered and licensed Engineer in State of North Carolina as indicated in Contract Documents.
- 15. The subcontractor shall provide all warranties and Owner's maintenance stock as required.
- 16. All caulking to dissimilar materials.

G. <u>DESCRIPTION OF SCOPE EXCLUSIONS</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

1. NONE



BID PACKAGE #3100 TURNKEY SITEWORK (SCOPE OF WORK)

The Scope of Work shall include the furnishing of a complete **TURNKEY SITEWORK PACKAGE**. This shall include, but is not limited to all required: labor, fabrication, engineering, submittals, shop drawings, materials, equipment, tools, supervision, hoisting, scaffolding, and transportation as required for a complete scope of work.

DESCRIPTION OF SCOPE INCLUSIONS

The following is a non-exhaustive list of inclusions and is not intended to limit the work in any way.

A. **CONTRACT DOCUMENTS:**

All work shall be performed in accordance with Contract Documents.

- All plans and specifications
- All scope of work requirements
- All contract requirements

B. BONDING REQUIREMENTS:

Each bidder quoting a sum greater than \$100,000 \$300,000 (Addendum 1) shall have a 10% Bid Bond accompanying their bid as well as a Payment and Performance Bond included in their price. Additionally, all Bonds required shall be furnished per the Subcontract Agreement provided in the Bid Manual.

C. SUBMITTAL REQUIREMENTS:

Collaborative File Sharing - Subcontractor shall be responsible for the uploading of all required submittals to a file sharing program (Procore). Notifications will be sent when submittals are reviewed. It is the subcontractor's responsibility to track the approval process and proceed as directed in the submittal by the due date stated in Procore.

Samples – Descriptions of samples shall be uploaded to the site for record purposes. "Hard" samples are still required per the plans/specifications.

At the time of submittals Subcontractor shall clearly identify to the Construction's Manager and Architect's attention, any deviations from the Contract Documents. This Subcontractor's responsibility to the Contract Documents is not relieved by the Architect or Construction Manager's review unless there is written acceptance of the specific deviations. Subcontractor is responsible for submitting and expediting approval of any submittal requirements through a jurisdictional agency, if applicable.

Subcontractor is to deliver all required Reports and bid documents to Construction Manager within 14 <u>calendar days</u> from date of <u>Notice of Award</u>. NO payment shall be made to subcontractor without all subcontractors' documents submitted. Provide signed and sealed engineered shop drawings as specified by a licensed and registered Engineer.

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Any required re-submittals, record submittals, and/or field drawings shall be forwarded to Construction Manager within seven (7) days of initial submittal return to Subcontractor. Failure of this Subcontractor to submit correct or timely submittals does not relieve said Subcontractor of material delivery obligations in accordance with the Project Schedule. Subcontractor shall allow a minimum of twenty-eight (28) calendar days of Construction Manager -Architect review duration. No material substitutions will be approved by Construction Manager unless Subcontractor can obtain Owner-Architect approval for such substitutions at no additional cost to Construction Manager and without delaying project schedule.

D. STANDARD SCOPE INCLUSIONS:

The items listed below are specifically included and are for clarification purposes only. They shall not be construed as a complete list of all work. It is the intent of this to clarify subcontract issues. If conflicts are discovered between this and the Subcontract General Terms, then the Subcontract General Terms shall govern.

- 1. Provide a full-time, competent and English-speaking Superintendent onsite at all times while this subcontractor's work is being performed to coordinate the work of this project. The competent person on site must be OSHA 30 certified. Failure to provide a competent person on site will result in the CM not allowing the subcontractor to work on site.
- 2. Metcon intends to use GCPay which is a third party pay application service that simplifies the application for payment processes between Metcon and our subcontractors by automating the payment application process. At no cost to our subcontractors, GCPay provides an automated information exchange for lien waivers and all compliance documents. This platform saves time and improves subcontractor communication by keeping them informed throughout the process of potential issues needing immediate attention.
- 3. The subcontractor has reviewed specification SECTION 01 22 00 UNIT PRICES. All required unit pricing for this scope of work has been acknowledged and included in the bid form.
- 4. The subcontractor has reviewed specification SECTION 01 23 00 ALTERNATES. All required pricing for alternates for this scope of work has been acknowledged and included in the bid form. If alternates are selected, they are selected in their entirety. All documents have been fully evaluated for alternative work.
- 5. As required, the subcontractor shall design, provide, and engineer crane subsurface/pads in accordance with project specifications and load requirements. The subcontractor shall ensure that all crane operations are structurally sound at no additional cost to the CM.
- 6. Verify all substrate conditions and notify the Construction Manager twenty-one (21) days prior to the start of work of any deficiencies in substrate prohibiting the start of work under this agreement.
- 7. It is mandatory that all subcontractor employees have access to a tablet with Procore access for use on this project. This tablet shall be an iPad Pro generation 3 or newer with cellular connectivity, or comparable in specs and capabilities. This provision provides the subcontractor the capability of having access to Procore in the field with the latest set of drawings.
- 8. Subcontractor will not use or allow the use of the building's drainage systems for cleaning debris or disposing of waste materials. In the event of any drainage systems being clogged or obstructed by this Subcontractor's materials, Subcontractor will reimburse the Contractor for the repair cost plus a mark-up.

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- 9. This Subcontractor is responsible for requesting any additional information, instructions and/or clarifications required to complete the work. The Subcontractor will request such information from the Design team in writing in the form of a Request for information (RFI) through the file sharing program called Procore. The request for such information shall be made in advance to avoid any delay of the work.
- 10. This Subcontractor is responsible for receiving, unloading, inventorying, storing, and coordinating this Subcontractor's work. All deliveries, hoisting and storing of materials will be coordinated and scheduled with CM. Any deliveries not scheduled will not be allowed on site. Material and equipment deliveries must be coordinated as "just in time." Material and equipment storage on site must not exceed five (5) workdays. Once materials and/or equipment are moved inside the building it must be installed within five (5) workdays. Subcontractor must utilize its own equipment to unload material.
- 11. Subcontractor is responsible for its own traffic control/flag man for any hauling operation in or out of the project site. Flag man is not required if staging of deliveries outside of the site does not impede pedestrian and motor vehicle traffic. All traffic control personnel shall be NCDOT certified. Reference the Logistics Plan indicating the crossing and use active public roadways.
- 12. This Subcontractor is responsible for erecting its own scaffolding, working platforms, material handling, storage, lifting & hoisting as required to perform the work under this scope.
- 13. This Subcontractor is responsible for all temporary safety measures to meet OSHA and Metcon's safety standards pertaining to your scope of work. See exhibit J for more details.
- 14. The Subcontractor has reviewed all drawings, documents, appendices, and specifications for this project and has found no obvious omissions and further agrees that the work of this agreement and the project can be constructed within the milestones and completion dates agreed upon without claims for delays or costs implications, unless substantial Owner directed Scope changes occur.
- 15. Within 10 days of receipt of subcontract, each subcontractor is required to issue a manpower count necessary for each section/activity of their scope of work to meet the schedule requirements. Metcon will review and must approve the proposed manpower counts prior to commencement of your work. Metcon, Owner, Architect & Consultants will constantly track the manpower for each activity to ensure compliance to the schedule and the forecasted status of project which will measure performance. In the event of the subcontractor having low productivity/performance, resulting on schedule delays, subcontractor will increase its manpower at Metcon's, Owner's and/or Architect's request. Pay applications may be delayed until compliance has been satisfied.
- 16. In the event of inclement weather, all Subcontractors are responsible for the securing and protection of all their own materials and work in place.
- 17. Each subcontractor shall conduct pursuant to N.C. Gen. Stat. § 115C-332.1, an annual check of each of its employees, and contractual employees, consultants, agents, and other representatives on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and the National Sex Offender Registry if such employee, subcontractor, agent, or other representative will be on the Project site or other school property as part of his or her job. The CM shall conduct this check on each of its employees, consultants, agents, and other representatives prior to permitting such employee, consultant, agent or other representative to enter the Project site or other school property to perform work under this Agreement. For the Construction Manager's convenience only, all the required registry checks may be completed at no cost by accessing the United States Department of Justice Sex Offender Public Registry at http://www.nsopw.gov. No person shall be permitted to enter the Project site or other school property to perform work under this Agreement if that person is listed on the State Sex Offender and Public Protection Registration Program, the State Sexually Violent Predator Registration Program, and/or the National Sex Offender Registry.

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- 19. Parking at and around the site will be limited. Please see the Logistics Plan for more information.
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- 21. Subcontractor will abide by local noise ordinances as required.
- 22. All punch list items must be corrected and "ready for review" withing 5 working days of initiation by Construction Manager.
- 23. A weekly job site cleanup will occur. Each subcontractor must contribute one laborer per five onsite workers for four (4) hours, to be used at the Construction Manager's discretion.
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- 27. In addition to any Owner site requirements, eating, and drinking shall be prohibited within the building or as otherwise determined by the Construction Manager. Subcontractor violators will be removed from the project site. Smoking or other tobacco products will not be allowed on site. Anyone violating this policy will be removed from the site permanently.
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- 29. No photographs, videos (including drone videos) may be taken of the project without prior approval of Construction Manager and Owner. All persons approved to take photographs/videos must attend training and will be provided with credentials.
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- 31. Attached to the Bid manual is a sample of Metcon's standard contract. This subcontractor is required to review and accept it in its entirety.

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- 32. Weekend work might be necessary to meet the project schedule which must be coordinated with the Construction Manager if necessary. The Construction Manager will not allow weekend work if the subcontractors are not already working the full amount of job site hours with full crews. This means that if you are working less than Monday through Friday 7am -5:30pm the site will not be open on the weekend. There will be no issue with opening the site as much as necessary to facilitate subcontractors who are trying to meet the schedule responsibilities by working the full amount of open hours.
- 33. Based on the scope of work, subcontractor understands that multiple mobilizations will be required to complete the work.
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- 35. Time and Material tickets must be approved by Construction Manager's superintendent withing 24 hours of work commencing and reference the Change Estimate (CE) number. Cost associated with time and material tickets must be submitted to Construction Manager Project Manager within thirty (30) days of work commencing.
- 36. For the Submittal of pay applications, subcontractor is required to use GC Pay at no cost to the subcontractor.
- 37. Pull planning will be implemented on this project. The weekly "Plan Percent Complete Report" will be sent to the subcontractor's representative to provide tangible value to the subcontractor's progress. The subcontractor is required to use the pull planning process to identify all constraints that may impede their progress. Constraints not identified and documented within a reasonable time for rectification will not be considered valid reasons for schedule adjustments. The subcontractor is expected to follow the Pull Plan Schedule, which should enhance and supersede the contract schedule.
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 - b. Subcontractors' specific site job hazard analysis (JHA), detailing your scope of work, the hazards associated with each task, and how they will be abated.
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 - d. Provide OSHA 300 & 300A logs for the last three years.
 - e. A written hazard communication program safety data sheet (SDS)
 - f. A written safety plan for the revised silica dust respiratory plan (if applicable) is needed.
 - g. A written ground fault protection program.
 - h. Exhibit J returned with pages initialed.
 - i. All site-specific personnel documentation will be required to be submitted two weeks before this scope of work begins.
 - j. Failure to comply with this documentation will result in a delayed start in this subcontractor's mobilization. This may include withholding mobilization costs in pay applications until this subcontractor complies. No additional cost or time will be considered due to any acceleration required.

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- 39. Survey points will be provided for general locational purposes. These will not be given in every single room. To complete this work scope, each subcontractor must transfer the general area survey points accurately as needed. The location of these general survey points is at the discretion of the Construction Manager.
- 40. The construction manager has the authority to recommend withholding pay applications from any subcontractor due to poor work quality. If this situation arises, the subcontractor will be notified in writing (72 hours' notice) that their work quality is unsatisfactory and requires remediation. The subcontractor must then submit a written remediation plan detailing how they will improve the quality of their work. Once the plan has been implemented and the work quality has been improved, the subcontractor may resubmit their pay application for the owner's approval. Any active unresolved 72-hour notices may result in the CM withholding the pay application for this subcontractor.
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 - a. The construction manager can provide equipment and a robotic total station operator for \$175/hr with at least 48hr notice. A competent layout representative from this subcontractor must accompany the layout crew.
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 - c. This subcontractor shall be solely responsible for the correct layout, which cannot be delegated or assigned.
- 42. Please see the table below for all required meetings.
 - a. Without exception, this Subcontractor's Project Manager and/or Superintendent must attend the weekly coordination/subcontractor meetings in person two weeks before starting work and while performing the scope of work.
 - b. This subcontractor is required to participate in pull planning sessions actively. These sessions are in-person and onsite, with no exceptions. These will occur bi-weekly at the discretion of the CM. Each day, the progress will be reviewed in the "Daily Forman's Huddle".
 - c. Failure to have the proper representative at any onsite meeting will constitute a safety violation of "competent person not on site.". Refer to Exhibit J for more information.

Meeting Titles	Frequency	Required Attendees	Location
Pre-Install	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Safe Start	Once prior to mobilization	Superintendent, PM & Foreman/Competent Person	On Site - CM Trailer
Daily Foreman Huddle	Daily	Superintendent & Foreman/Competent Person	On Site - CM Trailer
Weekly Subcontractor Coordination	Weekly	Superintendent & Project Manager	On Site - CM Trailer
Pull Plan Initial Set-Up	As required	Superintendent & Project Manager	Remote / On Site
Pull Plan Updates	Bi-Weekly	Superintendent & Project Manager	On Site - CM Trailer
Jobsite Safety Standdown	Weekly	Everyone on site	On Site - CM Trailer
BIM Coordination	Weekly	MEP Trades BIM Managers	Remote

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E. SCOPE OF WORK SPECIFICATIONS

The following outlines the scope of work specifications sections relevant to the work to be performed. This list represents the core specifications that will guide the tasks and responsibilities to be undertaken; however, it is not exhaustive or comprehensive. Additional specifications and related sections that are necessary for the successful completion of the project but not explicitly mentioned here may also be required:

- 1. DIVISION 31 EARTHWORK (excluding 31 31 16 Termite Control)
- 2. DIVISION 32 EXTERIOR IMPROVEMENTS (excluding 32 92 00 Lawns and Grasses and 32 93 00 Exterior Plants)
- 3. DIVISION 33 UTILITIES

F. PROJECT SPECIFIC SCOPE REQUIREMENTS:

- 1. Furnish, install, maintain, and remove the following temporary utilities.
 - a. Subcontractor shall furnish, install, maintain, and remove (upon project completion) all required water taps, valves, backflow preventers, underground PVC or cast iron piping, and insulated wrap on exposed piping to Construction Manager's office trailer complex including connection to trailer.
 - b. Subcontractor shall furnish, install, maintain, and remove (upon project completion) all required water taps, valves, backflow preventers, underground PVC or cast iron piping, and insulated wrap on exposed piping to provide a site construction water source. Include a supported header assembly providing four (4) 2" connections and six (6) hose bib connections.
 - c. Provide a minimum of 200,000 SF of 4" stone aggregate base compacted furnish, install, maintained and removed at CM's discretion. See logistics plan for details.
 - d. Subcontractor shall furnish, install and maintain temporary construction road that meet engineering requirements and accommodates site access and heavy construction vehicle traffic (cranes, excavators, etc.). Provide MINIMUM 4" wearable surface stone on compacted sub base as required for the duration of construction. Refer to Geotech report for compaction requirements and logistics plan for construction road location and route. Location, route and construction of access road can be converted into the permanent road is designed, installed, inspected and maintained per the contract documents and engineering requirements at the time of installation. (Addendum 2)
- 1. Installation and Maintenance of Erosion Control
- 2. Temporary Utilities as outlined above
- 3. Site Clearing per SECTION 31 10 00 SITE CLEARING
- 4. Rough and Final Grading
- 5. All Cut and Fill operations including Building pad prep. Provide 2" of compacted stone aggregate base on the building pad after rough grading. (Addendum 1)
- 6. All Water Distribution Systems
- 7. On Site Sewer Systems complete
- 8. All Storm Water Systems

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- 9. All Site Concrete outside the building line. This shall include sidewalks, playground,
- 10. Equipment pads shall be installed by others.
- 11. All Paving, Striping, traffic control and ADA Signage in its entirety. (Addendum 1)
- 12. Temporary Seeding and Mulch
- 13. This subcontractor shall be responsible for all decorative fencing, chain link fencing, in its entirety as it is indicated within the contract documents.
- 14. This subcontractor shall be responsible for installing bollards provided by others.
- 15. This subcontractor shall provide, install and maintain 20'-0" of rip rap at each site entrance/exit. Refer to Site Logistics plan for location information.
- 16. This subcontractor to provide pricing for alternate heavy duty pavement section to 1 ½" asphalt surface course on 2 ½" asphalt binder course on 8" compacted aggregate base course on compacted sub-grade. Refer to contract documents for heavy duty pavement locations, compaction and other requirements. Refer to the bid form to provide required pricing for alternates for this scope of work.
- 17. The site is "UNCLASSIFIED" up to subgrade. However, this classification will not apply to existing building pad and parking lots.
- 18. This Subcontractor shall contract with a registered land surveyor in the State of North Carolina to stake all work under this agreement. Also, this Subcontractor shall provide a signed and sealed drawing to certify that all grading, ponds, utility installations, etc. comply with Contract Documents upon completion of each phase of work and prior to receipt of payment for completed work. Final signed and sealed as-built drawings shall be provided at conclusion of the scope of work.
- 19. Coordinate building point of entry (location and elevation), and flange layout / bolt pattern with Fire Protection Subcontractor. Sleeving of walls and waterproofing penetration is herein included.
- 20. All work under this subcontract will be in accordance with the Contract Documents and City, County, DENR, and NCDOT Requirements.
- 21. This subcontractor is responsible for the procuring of and payment for all required Right-of- way permits, Curb Cut Permits, City Insurance requirements, roadway bonds, tap fees, etc. This subcontractor shall have NCDOT certified traffic control personnel and devices to ensure safe vehicular entrance and exit to and from the site.
- 22. All terminations to within 4'-0" of building are included. Subcontractor shall be responsible for tiein of lines to building structures regardless of whether stub outs are installed at time of utility line installation. Subcontractor shall coordinate with other subcontractors to ensure that final installation is completed as required.
- 23. It is the responsibility of this Subcontractor to ensure that all piping installations have sufficient specified, or code required coverage.
- 24. This subcontractor is responsible for final setting and adjusting of all grates, manholes, hydrants, PIVs, cleanout covers, valve boxes, etc.

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- 25. This subcontractor is responsible for total coordination of all underground utilities and for providing complete utilities systems. There will be no cost or time considerations given for adjustments of structures or pipe runs due to conflicts arising from lack of coordination with adjacent utilities, structures, or other Subcontractors. First installed does not constitute grounds for a change order for installation of uncoordinated work.
- 26. This subcontractor is responsible for the re-wetting, aeration, and/or drying of existing soil materials to obtain optimum moisture content for use as compacted fill. In the event weather conditions do not allow Subcontractor to dry wet materials required to perform the work within the scheduled time frame, Subcontractor shall remove and dispose of the wet material and replace with suitable soil as not to delay project schedule at no additional cost to Construction Manager.
- 27. Surface and rainwater controls shall be provided throughout the duration of the Agreement. Contaminated water, beyond the limits allowed by the Contract Documents shall not be permitted, mechanically or by natural flow, to be discharged off-site. Quality of water discharged shall comply with all requirements of the Contract documents and local jurisdictional allowances. All flocculation as required to comply with the quality of water requirements of the Contract Documents shall be included.
- 28. All liabilities of sediment entering storm sewer system or discharging off-site is the responsibility of this Subcontractor to rectify.
- 29. This subcontractor is responsible for notifying Construction Manager, Owner, Architect, and governing agencies two weeks prior of all tie-ins and shutdowns of existing utility systems and inspection requests. These requests shall be in writing to the CM.
- 30. This subcontractor is responsible for compliance to all requirements of local authority(s) having jurisdiction on all installations under this agreement. This subcontractor has reviewed the Drawings & Specification for this Project. Subcontractor has found no obvious omissions and further agrees that the Work of this Agreement and the Project can be constructed within the milestone and completion dates without claims for delay or impact costs, unless substantial Owner directed Scope changes occur.
- 31. This subcontractor is required to maintain daily rain fall records, have rain gauge on-site, current inspection drawings, permit card, etc. for Owner, Engineer, and DENR storm water inspection requirements. This subcontractor is responsible to have a supervisor present on all storm water management inspections. All inspection violations shall be corrected by the end of the day of the inspection violation notification or Subcontractor will not be allowed to continue site operations until such violations are rectified. This subcontractor is responsible for all recordkeeping and reporting per NCG01- "Self-Inspection, Recordkeeping and Reporting" as outlined in the documents.
- 32. This subcontractor is responsible for providing all required temporary and permanent access requirements for Owner and Construction operations at all times. This includes any RCP culvert necessary to provide access to the site. Please refer to the site logistics plan for details.
- 33. This subcontractor is responsible for dewatering. Dewatering is considered all-natural grade water as well as "surface or rainwater" for all excavations under this agreement. Dewatering includes all required pumps, sumps, stone, etc. for proper execution of work under this agreement and for the continual maintenance of exposed soil conditions to access the work under this agreement.

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- 34. It is the responsibility of this Subcontractor to maintain a suitable soil substrate condition once exposed under this agreement (or exposed by others as in mass excavation to perform work under this agreement). The Owner (or the Construction Manager) will not be responsible to reimburse Subcontractor for the costs to remove unsuitable soil and dispose of off-site or for the replacement costs of suitable fill (or stone backfill) for exposed substrate conditions not achieving compactions due to excessive moisture content not inherent with undisturbed soil conditions on-site. This subcontractor is responsible for all work performed be per NCG01- "Ground Stabilization and Material Handling" as outlined in the documents.
- 35. Final grading shall be free of any rocks, roots, debris. The Subcontractor shall request an inspection of topsoil/grading to be performed by the Construction Manager and/or owner prior to placing any permanent ground cover.
- 36. The site contractor shall include, <u>in their bid</u>, allowances for the following based upon unit prices provided on the bid form. Allowances shall be adjusted within the subcontract agreement based upon unit prices provided.
 - a. \$2,000 cubic yards \$50,000 allowance for replacement of unsuitable soil dispose off site and replace with imported structural fill. (Addendum 1)
 - b. 500 cubic yards of \$45,000 allowance for aggregate base stone (NCDOT CABC). (Addendum 1)
 - c. 1000 cubic yards of \$10,000 allowance for imported structural fill. (Addendum 1)
 - d. All of the above allowances shall be INCLUDED in the subcontractor's total bid amount as separate line items.
- 37. Asphalt Binder and Fuel F.O.B Index: This Subcontractor shall include in their base bid a price per ton on Asphalt Binder and price per gallon on Fuel F.O.B. In the event there is fluctuation on these prices this Subcontractor shall utilize current prices from the NCDOT Asphalt Binder and Fuel F.O.B. Index noted below:
 - **a.** https://connect.ncdot.gov/projects/construction/lists/monthly%20terminal%20asphalt%20binder%20%20fuel%20fob%20prices/allitems.aspx
 - b. If Asphalt Binder and Fuel F.O.B prices are higher than base bid at the time of ordering, the subcontractor will be issued a change order.
 - c. If Asphalt Binder and Fuel F.O.B. prices are lower than base bid at the time of ordering, the owner will be issued a credit back.
- 38. Base bid is to bring in imported fill utilize the on-site borrow pit as shown in the attached exhibit for all necessary fill for this project including but not limited to building pads, parking lots, roads and other structural fill. Also refer to Bid Manual Alternate NO. 6 100% Imported Fill in Lieu of Onsite Borrow Pit to provide alternate for base bid of onsite borrow pit use. (Addendum 1)
- 39. Remote Fire Department Connection if shown, is by this subcontractor.
- 40. Subcontractor is responsible for site surcharge requirements and monitoring of back fill over seven (7) feet.

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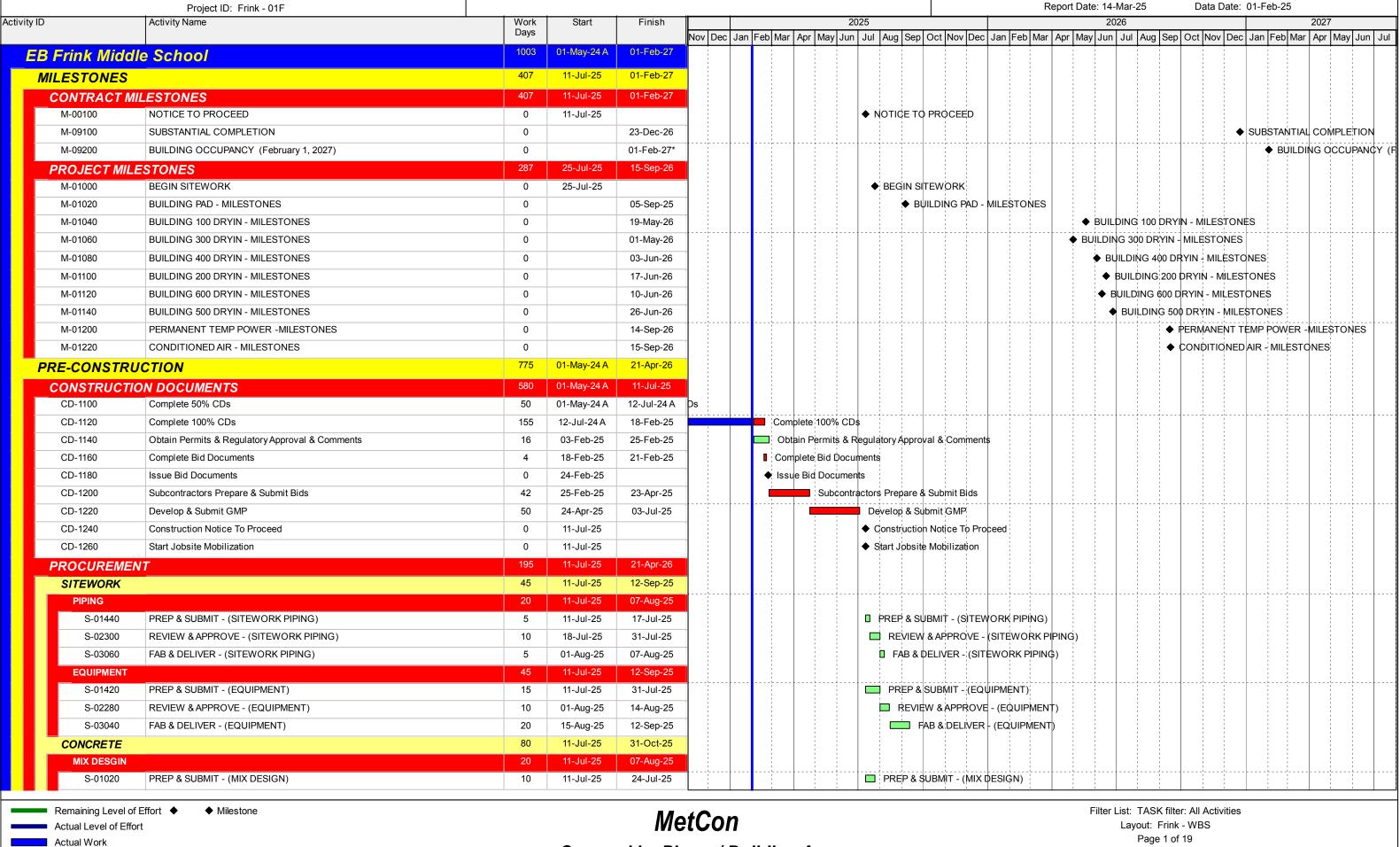


B. <u>DESCRIPTION OF SCOPE EXCLUSIONS</u>

The following is a complete and exhaustive list of exclusions from the Scope of Work:

- 1. Soil testing is done by the Owner; retesting costs is the responsibility of this Subcontractor.
- 2. Termite Control under slab on grade (by Concrete Subcontractor)
- 3. All Site Electrical (by Electrical Subcontractor)
- 4. Site Landscaping included in Section 32 92 00 Lawns and Grasses and Section 32 93 00 Exterior Plants (by Landscaping Subcontractor)

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Remaining Work Critical Remaining Work Page 1 of 19

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S-01280 PREP & SUBMIT - (ANCHOR BOLTS) S-01860 REVIEW & APPROVE - (ANCHOR BOLTS) S-01900 FAB & DELIVER - (ANCHOR BOLTS) COLUMNS & BEAMS S-01300 PREP & SUBMIT - (COLUMNS & BEAMS) S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	15 11-Jul- 5 11-Jul- 5 18-Jul 5 25-Jul 110 11-Jul-	25 31-Jul-25 25 17-Jul-25 -25 24-Jul-25 -25 31-Jul-25 25 16-Dec-25		□ REVIEW &A		
S-01280 PREP & SUBMIT - (ANCHOR BOLTS) S-01860 REVIEW & APPROVE - (ANCHOR BOLTS) S-01900 FAB & DELIVER - (ANCHOR BOLTS) COLUMNS & BEAMS S-01300 PREP & SUBMIT - (COLUMNS & BEAMS) S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	5 11-Jul- 5 18-Jul 5 25-Jul 110 11-Jul-	25 17-Jul-25 -25 24-Jul-25 -25 31-Jul-25 -25 16-Dec-25		□ REVIEW &A		
S-01860 REVIEW & APPROVE - (ANCHOR BOLTS) S-01900 FAB & DELIVER - (ANCHOR BOLTS) COLUMNS & BEAMS S-01300 PREP & SUBMIT - (COLUMNS & BEAMS) S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	5 18-Jul 5 25-Jul 110 11-Jul	-25 24-Jul-25 -25 31-Jul-25 -25 16-Dec-25		□ REVIEW &A		
S-01900 FAB & DELIVER - (ANCHOR BOLTS) COLUMNS & BEAMS S-01300 PREP & SUBMIT - (COLUMNS & BEAMS) S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	5 25-Jul	-25 31-Jul-25 -25 16-Dec-25			PPROVE - (ANCHOR BOLTS)	
S-01300	110 11-Jul	25 16-Dec-25		☐ FAB & DELI		
S-01300 PREP & SUBMIT - (COLUMNS & BEAMS) S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)					IVER - (ANCHOR BOLTS)	
S-02660 REVIEW & APPROVE - (COLUMNS & BEAMS) S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	20 11-Jul	25 07 Aug 25				
S-03520 FAB & DELIVER - (COLUMNS & BEAMS) DECKING S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)		01-Aug-25		PREP & SU	UBMIT - (COLUMNS & BEAMS)	
S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	20 08-Aug	-25 05-Sep-25	1 1	REVII	EW & APPROVE - (COLUMNS & BEAMS)	1 1
S-01320 PREP & SUBMIT - (DECKING) S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	70 08-Sep	-25 16-Dec-25	1 1 1		FAB & DELIVER - (COLUMNS & BEAMS)	1 1
S-02180 REVIEW & APPROVE - (DECKING) S-02940 FAB & DELIVER - (DECKING)	125 11-Jul	25 09-Jan-26	1 1			1 1
S-02940 FAB & DELIVER - (DECKING)	15 11-Jul	·25 31-Jul-25		PREP & SU	BMIT - (DECKING)	
	10 01-Aug	-25 14-Aug-25		■ REVIEW	& APPROVE - (DECKING)	
ROOFING	100 15-Aug	-25 09-Jan-26			FAB & DELIVER - (DECKING)	
	125 11-Jul-	25 09-Jan-26				1 1
ТРО	125 11-Jul	25 09-Jan-26				1 1
S-01720 PREP & SUBMIT - (TPO)	15 11-Jul	25 31-Jul-25		PREP & SU	BMIT - (TPO)	
S-02520 REVIEW & APPROVE - (TPO)	10 01-Aug	-25 14-Aug-25	1 1 1	□ REVIEW	&APPROVE - (TPO)	
S-03300 FAB & DELIVER - (TPO)	100 15-Aug	-25 09-Jan-26			FAB & DELIVER - (TPO)	1 1 1 1 1 1 1 1 1 1 1
METAL FACIAL & TRIM	105 11-Jul	25 09-Dec-25				
S-01700 PREP & SUBMIT - (METAL FACIAL & TRIM)	15 11-Jul	·25 31-Jul-25		PREP & SU	BMIT - (METAL FACIAL & TRIM)	
S-02500 REVIEW & APPROVE - (METAL FACIAL & TRIM)	10 01-Aug	-25 14-Aug-25		■ REVIEW	& APPROVE - (METAL FACIAL & TRIM)	
S-03280 FAB & DELIVER - (METAL FACIAL & TRIM)	80 15-Aug	-25 09-Dec-25	1 1 1		FAB & DELIVER - (METAL FACIAL & TRIM)	1 1
ROOFNG ACCESSORIES	120 11-Jul	25 02-Jan-26	1 1 1			
S-01740 PREP & SUBMIT - (ROOFING ACCESSORIES)	10 11-Jul			☐ PREP & SUB	BMIT - (ROOFING ACCESSORIES)	1 1
S-01920 REVIEW & APPROVE - (ROOFING ACCESSORIES)	10 25-Jul				APPROVE (ROOFING ACCESSORIES)	
S-02680 FAB & DELIVER - (ROOFING ACCESSORIES)	100 08-Aug				FAB & DELIVER - (ROOFING ACCESSORIES)	
CURTAIN WALL & STOREFRONTS	115 11-Jul					
CW & SF FRAMING	115 11-Jul					

Remaining Work Critical Remaining Work Page 2 of 19

	Project ID: Frink - 01F					Report Date: 14-Mar-25 Data Date: 01-Feb-25	
D	Activity Name	Work Days	Start	Finish	2025	2026	2027
S-01640	PREP & SUBMIT - (CW & SF FRAMING)	15	11-Jul-25	31-Jul-25	 	ct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb N BMIT - (CW & SF FRAMING)	Mar Apr May J
S-02440	REVIEW & APPROVE - (CW & SF FRAMING)	10	01-Aug-25	14-Aug-25		&APPROVE - (CW & SF FRAMING)	1 1 1 1 1 1
	· · · · · · · · · · · · · · · · · · ·			J	REVIEW		1 1 1 1 1 1
S-03220	FAB & DELIVER - (CW & SF FRAMING)	90	15-Aug-25	23-Dec-25		FAB & DELIVER - (CW & SF FRAMING)	
GLAZING	PDED 4 GUDNIT (OLAZINO)	115	11-Jul-25	23-Dec-25		IDIAIT (OLATINA)	1 1
S-01680	PREP & SUBMIT - (GLAZING)	15	11-Jul-25	31-Jul-25		IBMIT - (GLAZING)	1 1 1 1 1 1
S-02480	REVIEW & APPROVE - (GLAZING)	10	01-Aug-25	14-Aug-25	REVIEW	& APPROVE - (GLAZING)	
S-03260	FAB & DELIVER - (GLAZING)	90	15-Aug-25	23-Dec-25		FAB & DELIVER - (GLAZING)	
CW & SF DOC		105	11-Jul-25	09-Dec-25			
S-01660	PREP & SUBMIT - (CW & SF DOORS)	15	11-Jul-25	31-Jul-25		IBMIT - (CW & SF DOORS)	1 1
S-02460	REVIEW & APPROVE - (CW & SF DOORS)	10	01-Aug-25	14-Aug-25	□ REVIEW	& APPROVE - (CW & \$F D\phiOR\$)	1 1
S-03240	FAB & DELIVER - (CW & SF DOORS)	80	15-Aug-25	09-Dec-25		FAB & DELIVER (CW & SF DOORS)	1 1
DOORS & HAI	RDWARE	105	11-Jul-25	09-Dec-25			1 1
HOLLOW ME	TAL FRAMES	45	11-Jul-25	12-Sep-25			
S-01620	PREP & SUBMIT - (HOLLOW METAL F RAMES)	15	11-Jul-25	31-Jul-25	PREP & SU	IBMIT - (HOLLOW METAL FRAMES)	
S-02420	REVIEW & APPROVE - (HOLLOW METAL FRAMES)	10	01-Aug-25	14-Aug-25	□ REVIEW	& APPROVE - (HOLLOW METAL FRAMES)	
S-03200	FAB & DELIVER - (HOLLOW METAL FRAMES)	20	15-Aug-25	12-Sep-25	FAB	& DELIVER - (HOLLOW METAL FRAMES)	
ALUMINUM F	RAMES	65	11-Jul-25	10-Oct-25			
S-01560	PREP & SUBMIT - (ALUMINUM FRAMES)	15	11-Jul-25	31-Jul-25	PREP & SU	BMIT - (ALUMINUM FRAMES)	
S-02360	REVIEW & APPROVE - (ALUMINUM FRAMES)	10	01-Aug-25	14-Aug-25	□ REVIEW	& APPROVE - (ALUMINUM FRAMES)	
S-03140	FAB & DELIVER - (ALUMINUM FRAMES)	40	15-Aug-25	10-Oct-25		FAB & DELIVER - (ALUMINUM FRAMES)	
FLUSH WOOL	DOORS	105	11-Jul-25	09-Dec-25			
S-01600	PREP & SUBMIT - (FLUSH WOOD DOORS)	15	11-Jul-25	31-Jul-25	PREP & SU	IBMIT - (FLUSH WOOD DOORS)	1 1 1 1 1 1 1 1 1
S-02400	REVIEW & APPROVE - (FLUSH WOOD DOORS)	10	01-Aug-25	14-Aug-25		& APPROVE - (FLUSH WOOD DOORS)	
S-03180	FAB & DELIVER - (FLUSH WOOD DOORS)	80	15-Aug-25	09-Dec-25		FAB & DELIVER - (FLUSH WOOD DOORS)	1 1
ALUMINUM/F		105	11-Jul-25	09-Dec-25			
S-01580	PREP & SUBMIT - (ALUMINUM/FRP DOORS)	15	11-Jul-25	31-Jul-25	PREP & SU	IBMIT - (ALUMINUM/FRP DOORS)	1 1
S-02380	REVIEW & APPROVE - (ALUMINUM/FRP DOORS)	10	01-Aug-25	14-Aug-25		& APPROVE - (ALUMINUM/FRP DOORS)	1 1
S-03160	FAB & DELIVER - (ALUMINUM/FRP DOORS)	80	15-Aug-25	09-Dec-25		FAB & DELIVER - (ALUMINUM/FRP DOORS)	
	TAB & DELIVER - (AEDIVINOUVITRI DOORS)					TAB & DELIVER (ALUMINOWINI N. BOOKS)	1 1
FINISHES	INC 9 PRYMALL	75	11-Jul-25	24-Oct-25			
	ING & DRYWALL	50	11-Jul-25	19-Sep-25		CUDNIT (NETALEDANING & DENGALAL)	
S-01180	PREP & SUBMIT - (METAL FRAMING & DRYWALL)	30	11-Jul-25	21-Aug-25		SUBMIT - (METAL FRAMING & DRYWALL)	
S-03420	REVIEW & APPROVE - (METAL FRAMING & DRYWALL)	10	22-Aug-25	05-Sep-25		EW & APPROVE - (METAL FRAMING & DRYWALL)	
S-03500	FAB & DELIVER - (METAL FRAMING & DRYWALL)	10	08-Sep-25	19-Sep-25	L FA	B & DELIVER - (METAL FRAMING & DRYWALL)	
PAINT		30	11-Jul-25	21-Aug-25			
S-01160	PREP & SUBMIT - (PAINT)	15	11-Jul-25	31-Jul-25	PREP & SU		1 1
S-02080	REVIEW & APPROVE - (PAINT)	10	01-Aug-25	14-Aug-25		& APPROVE - (PAINT)	
S-02840	FAB & DELIVER - (PAINT)	5	15-Aug-25	21-Aug-25	FAB & C	PELIVER - (PAINT)	1 1
FLOORING		75	11-Jul-25	24-Oct-25			1 1
CARPET		55	11-Jul-25	26-Sep-25			1 1
S-01220	PREP & SUBMIT - (CARPET)	15	11-Jul-25	31-Jul-25	PREP & SU	BMIT - (CARPET)	1 1
S-02120	REVIEW & APPROVE - (CARPET)	10	01-Aug-25	14-Aug-25		& APPROVE - (CARPET)	1 1
S-02880	FAB & DELIVER - (CARPET)	30	15-Aug-25	26-Sep-25		AB & DELIVER - (CARPET)	1 1
Remaining Level o Actual Level of Effe				MetC	Con	Filter List: TASK filter: All Activities Layout: Frink - WBS	

Remaining Work

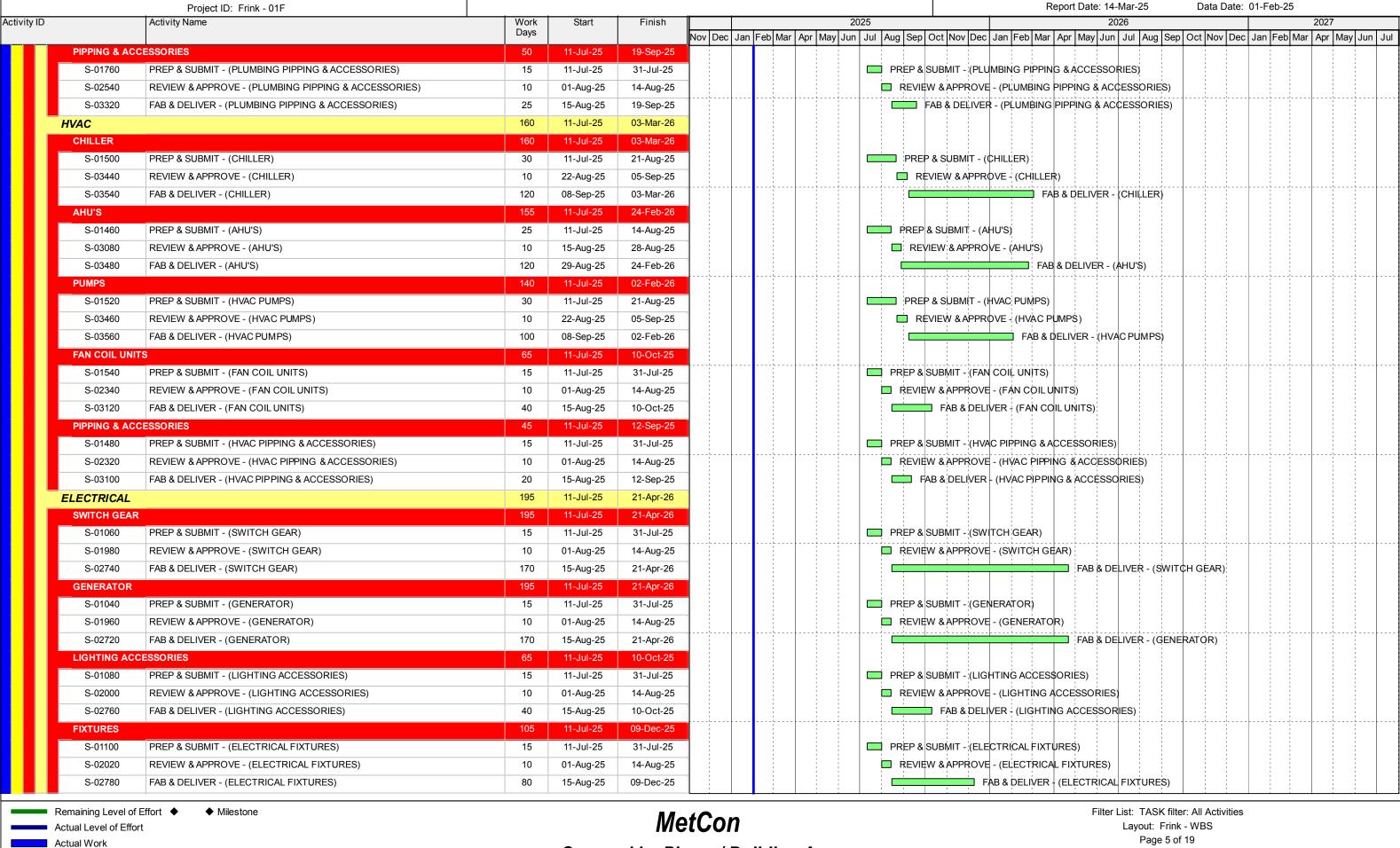
Critical Remaining Work

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	Project ID: Frink - 01F					Report Date: 14-Mar-25 Data Date: 01-Feb-25
ty ID	Activity Name	Work Days	Start	Finish	2025	2026 2027
VCT			44 1 05	·	Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep C	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun
VCT	DDED & CLIDMIT (V/CT)	45	11-Jul-25	12-Sep-25	DDED & C	LIDMIT (AVCT)
S-01240	PREP & SUBMIT - (VCT)	15	11-Jul-25	31-Jul-25	PREP & SI	
S-02140	REVIEW & APPROVE - (VCT)	10	01-Aug-25	14-Aug-25		V & APPROVE - (VCT)
S-02900		20	15-Aug-25	12-Sep-25	FAI	B & DELIVER - (VCT)
FLOOR & W		75	11-Jul-25	24-Oct-25		
S-01260	PREP & SUBMIT - (FLOOR & WALL TILE)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (FLOOR & WALL TILE)
S-02160	REVIEW & APPROVE - (FLOOR & WALL TILE)	10	01-Aug-25	14-Aug-25	□ REVIEW	V & APPROVE - (FLOOR & WALL TILE)
S-02920	FAB & DELIVER - (FLOOR & WALLTILE)	50	15-Aug-25	24-Oct-25		FAB & DELIVER - (FLOOR & WALL TILE)
SPECIALTIES		85	11-Jul-25	07-Nov-25		
TOILET PARTI	TIONS & ACCESSORIES	85	11-Jul-25	07-Nov-25		
S-01340	PREP & SUBMIT - (TOILET PARTITIONS & ACCESSORIES)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (TOILET PARTITIONS & ACCESSORIES)
S-02200	REVIEW & APPROVE - (TOILET PARTITIONS & ACCESSORIES)	10	01-Aug-25	14-Aug-25	□ REVIEW	V & APPROVE - (TOILET PARTITIONS & ACCESSORIES)
S-02960	FAB & DELIVER - (TOILET PARTITIONS & ACCESSORIES)	60	15-Aug-25	07-Nov-25		FAB & DELIVER - (TO LET PARTITIONS & ACCESSORIES)
LOCKERS		65	11-Jul-25	10-Oct-25		
S-01360	PREP & SUBMIT - (LOCKERS)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (LOCKERS)
S-02220	REVIEW & APPROVE - (LOCKERS)	10	01-Aug-25	14-Aug-25		V & APPROVE - (LOCKERS)
S-02980	FAB & DELIVER - (LOCKERS)	40	15-Aug-25	10-Oct-25		FAB & DELIVER - (LOCKERS)
			•			TAB & DELIVER 7 (LOCKERS)
	JISHERS & CABINETS	45	11-Jul-25	12-Sep-25		
S-01400	PREP & SUBMIT - (FIRE EXTINGUISHER)	15	11-Jul-25	31-Jul-25		UBMIT - (FIRE EXTINGUISHER)
S-02260	REVIEW & APPROVE - (FIRE EXTINGUISHER)	10	01-Aug-25	14-Aug-25		V & APPROVE - (FIRE EXTINGUISHER)
S-03020	FAB & DELIVER - (FIRE EXTINGUISHER)	20	15-Aug-25	12-Sep-25	FAI	B & DELIVER - (FIRE EXTINGUISHER)
MIRRORS		55	11-Jul-25	26-Sep-25		
S-01380	PREP & SUBMIT - (MIRRORS)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (MIRRORS)
S-02240	REVIEW & APPROVE - (MIRRORS)	10	01-Aug-25	14-Aug-25	□ REVIEW	V & APPROVE - (MIRRORS)
S-03000	FAB & DELIVER - (MIRRORS)	30	15-Aug-25	26-Sep-25		FAB & DELIVER - (MIRRORS)
PLUMBING		105	11-Jul-25	09-Dec-25		
FIXTURES		65	11-Jul-25	10-Oct-25		
S-01800	PREP & SUBMIT - (PLUMBING FIXTURES)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (PLUMBING FIXTURES)
S-02580	REVIEW & APPROVE - (PLUMBING FIXTURES)	10	01-Aug-25	14-Aug-25	REVIEW	V & APPROVE - (PLUMBING FIXTURES)
S-03360	FAB & DELIVER - (PLUMBING FIXTURES)	40	15-Aug-25	10-Oct-25		FAB & DELIVER - (PLUMBING FIXTURES)
	LINTERCEPTORS	105	11-Jul-25	09-Dec-25		
S-01820	PREP & SUBMIT - (GREASE & OIL INTERCEPTOR)	15	11-Jul-25	31-Jul-25	PRED & SI	UBMIT - (GREASE & OIL INTERCEPTOR)
S-02600	REVIEW & APPROVE - (GREASE & OIL INTERCEPTOR)	10	01-Aug-25	14-Aug-25		V & APPROVE - (GREASE & OIL INTERCEPTOR)
	,				REVIEW	
S-03380	FAB & DELIVER - (GREASE & OIL INTERCEPTOR)	80	15-Aug-25	09-Dec-25		FAB & DELIVER (GREASE & OIL INTERCEPTOR)
WATER HEATE	<u> </u>	65	11-Jul-25	10-Oct-25		
S-01780	PREP & SUBMIT - (WATER HEATERS)	15	11-Jul-25	31-Jul-25		UBMIT - (WATER HEATERS)
S-02560	REVIEW & APPROVE - (WATER HEATERS)	10	01-Aug-25	14-Aug-25	REVIEW	V & APPROVE - (WATER HEATERS)
S-03340	FAB & DELIVER - (WATER HEATERS)	40	15-Aug-25	10-Oct-25		FAB & DELIVER - (WATER HEATERS)
PUMPS		105	11-Jul-25	09-Dec-25		
S-01840	PREP & SUBMIT - (PLUMBING PUMPS)	15	11-Jul-25	31-Jul-25	PREP & SI	UBMIT - (PLUMBING PUMPS)
S-02620	REVIEW & APPROVE - (PLUMBING PUMPS)	10	01-Aug-25	14-Aug-25	□ REVIEW	V & APPROVE - (PLUMBING PUMPS)
S-03400	FAB & DELIVER - (PLUMBING PUMPS)	80	15-Aug-25	09-Dec-25		FAB & DELIVER - (PLUMBING PUMPS)
Domaining Lavel 5	Fffort A Milestone	<u> </u>			-	Filler Lieb. TAON Silver All Andrews
Remaining Level of Actual Level of Effo				Me	tCon	Filter List: TASK filter: All Activities Layout: Frink - WBS

 Actual Level of Effort Actual Work Remaining Work Critical Remaining Work

Mercon Grouped by Phase / Building Area Page 4 of 19



Remaining Work Critical Remaining Work Page 5 of 19

	Project ID: Frink - 01F						Report	Date: 14-Mar-25	Data Date: 01-Feb-25
y ID	Activity Name	Work Days	Start	Finish		2025		2026	2027
CONSTRUCTO	ON	340	11-Jul-25	13-Nov-26	ec Jan Feb Mar Apr	May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr	May Jun Jul Aug S	ep Oct Nov Dec Jan Feb Mar Apr May J
CONSTRUCTION	ON			26-Oct-26					
SITEWORK		326	11-Jul-25						
DEMOLITION		25	11-Jul-25	14-Aug-25					
SW-01100	SITE MOBILIZE	10	11-Jul-25	24-Jul-25		SITE MOBILIZE			
SW-01120	REMOVE TREES / BRUSH - (DEMOLITION)	15	25-Jul-25	14-Aug-25		REMOVE TREES / E			
SW-01140	DEMO UNDERGROUND UTILITIES - (DEMOLITION)	10	01-Aug-25	14-Aug-25		■ DEMO UNDERGRO	UND UTILITIES - (DE	MOLITION)	
EARTHWORK	S	35	18-Jul-25	05-Sep-25					
SW-02100	SILT FENCE - (EARTHWORKS)	5	18-Jul-25	24-Jul-25		SILT FENCE - (EARTHV	VORKS)		
SW-02120	MASS GRADING - (EARTHWORKS)	10	08-Aug-25	21-Aug-25		MASS GRADING -	(EARTHWORKS)		
SW-02140	INSTALL BASINS - (EARTHWORKS)	5	13-Aug-25	19-Aug-25		☐ INSTALL BASINS -	EARTHWORKS)		
SW-02160	INSTALL BUILDING PAD - (EARTHWORKS)	15	15-Aug-25	05-Sep-25		INSTALL BUILDI	NG PAD - (EARTHW	ORKS)	
UTILITIES		239	03-Sep-25	14-Aug-26	1			1 1 1	
SW-03100	SANITARY SEWER - (UTILITIES)	6	03-Sep-25	10-Sep-25	1	☐ SANITARY SEW	/ER - (UTILITIES)		
SW-03120	WATER LINE - (UTILITIES)	15	11-Sep-25	01-Oct-25	1 1	WATER LIN	- (UTILITIES)	1 1 1	
SW-03140	STORM DRAIN - (UTILITIES)	15	18-Sep-25	08-Oct-25		storm di	RAIN - (UTILITIES)		
SW-03160	UTILITY TIE-INS - (UTILITIES)	10	03-Aug-26	14-Aug-26				TŲ	ILITY TIE-IN\$ - (UTILITIES)
GEO-THERMA	44	171	08-Sep-25	13-May-26					
SW-08100	INSTALL GEO-THERMAL WELLS - ZO NE A (36 ea)	24	08-Sep-25	09-Oct-25		INSTALL G	EO-THERMAL WELL	S-ZONEA(36 ea)	
SW-08120	INSTALL GEO-THERMAL WELLS - ZONE B (30 ea)	10	10-Oct-25	23-Oct-25		☐ INSTALL	GEO-THERMAL WE	LLS - ZONE B (30 ea)	
SW-08140	INSTALL GEO-THERMAL WELLS - ZONE C (30 ea)	10	24-Oct-25	06-Nov-25		☐ INSTA	LL GEO-THERMAL W	ELLS - ZONE C (30 ea	n)
SW-08160	INSTALL GEO-THERMAL WELLS - ZONE D (30 ea)	10	07-Nov-25	20-Nov-25			1 1	WELLS - ZONE D (30	
SW-08180	INSTALL GEO-THERMAL WELLS - ZONE E (36 ea)	24	21-Nov-25	30-Dec-25				ERMAL WELLS - ZONI	
SW-08200	INSTALL GEO-THERMAL WELLS - ZONE F (24 ea)	16	31-Dec-25	23-Jan-26				THERMAL WELLS - Z	
SW-08400	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE A to B-100	30	10-Oct-25	20-Nov-25		INS		PIPING / CONTROLS	
SW-08420	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE B to B-300	15	21-Nov-25	15-Dec-25					OLS - ZONE B to B-300
SW-08440	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE C to B-400	12	16-Dec-25	05-Jan-26	1				TROLS - ZONE C to B-400
SW-08460	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE D to B-500	20	06-Jan-26	03-Feb-26					
SW-08480	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE E to B-600	25	04-Feb-26	11-Mar-26					CONTROLS - ZONE D to B 500 ING / CONTROLS - ZONE E to B 600
SW-08500	INSTALL GEO-THERMAL PIPING / CONTROLS - ZONE F to B-600	25	12-Mar-26	15-Apr-26				1 1	AL PIPING / CONTROLS - ZONE F to B-600
SW-08600	GEO-THERMAL FINAL CONNECTIONS - ZONE Ato B-100	10	19-Feb-26	04-Mar-26				1 1	ECTIONS - ZONE A to B-100
SW-08620	GEO-THERMAL FINAL CONNECTIONS - ZONE B to B-300	10	05-Mar-26	18-Mar-26					INECTIONS + ZONE B to B-300
SW-08640	GEO-THERMAL FINAL CONNECTIONS - ZONE C to B-400	10	19-Mar-26	01-Apr-26					DNNECTIONS - ZONE C to B-400
SW-08660	GEO-THERMAL FINAL CONNECTIONS - ZONE D to B-500	10	02-Apr-26	15-Apr-26			: :		CONNECTIONS - ZONE D to B-500
SW-08680	GEO-THERMAL FINAL CONNECTIONS - ZONE E to B-600	10	16-Apr-26	29-Apr-26					AL CONNECTIONS - ZONE E to B-600
SW-08700	GEO-THERMAL FINAL CONNECTIONS - ZONE F to B-600	10	30-Apr-26	13-May-26				GEO-THERMAL F	NAL CONNECTIONS - ZONE F to B-600
SITE PAVING		33	17-Aug-26	01-Oct-26					
SW-04100	FINE GRADING - (SITE PAVING)	10	17-Aug-26	28-Aug-26					FINE GRADING - (SITE PAVING)
SW-04120	ROCK BASE - (SITE PAVING)	15	24-Aug-26	14-Sep-26					ROCK BASE - (SITE PAVING)
SW-04140	CURB & GUTTER - (SITE PAVING)	10	31-Aug-26	14-Sep-26					CURB & GUTTER - (SITE PAVING)
SW-04160	ASPHALT BASE COURSE - (SITE PAVING)	5	11-Sep-26	17-Sep-26					ASPHALT BASE COURSE - (SITE PAVING
SW-04180	TOP COAT ASPHALT - (SITE PAVING)	5	18-Sep-26	24-Sep-26					☐ TOP COAT ASPHALT - (SITE PAVING)
SW-04200	STRIPING - (SITE PAVING)	5	25-Sep-26	01-Oct-26					STRIPING - (SITE PAVING)
Remaining Level o Actual Level of Effe				MetCo	 on			Filter List: TASK f Layout: Fri Page 6	nk - WBS

Remaining Work

Critical Remaining Work

	Project ID: Frink - 01F	<u> </u>				Report Date: 14-Mar-25	Data Date: 01-Feb-25
ID	Activity Name	Work Days	Start	Finish	2025	2026	2027
MECHANICAL	VARD	60	12-Dec-25	12-Mar-26	ec Jan Feb Mar Apr May Jun Jul Aug Sep C	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug	Sep Oct Nov Dec Jan Feb Mar Apr May S
SW-05100	FOOTING - (MECHANICAL YARD)	3	12-Dec-25	16-Dec-25		FOOTING - (MECHANICAL YARD)	
SW-05120	MASONRY WALLS - (MECHANICAL YARD)	5	17-Dec-25	23-Dec-25		☐ MASONRY WALLS - (MECHANICAL YAF	מס:
SW-05140	SLAB ON GRADE - (MECHANICAL YARD)	3	24-Dec-25	30-Dec-25		☐ SLAB ON GRADE - (MECHANICAL YAF	
SW-05160	GATES - (MECHANICAL YARD)	2	11-Mar-26	12-Mar-26		GATES - (MECHANICAL YA	
SITEWORK M		263	20-Aug-25	04-Sep-26		GATES - (WECHANICAL I)	(ND)
			-			DERGROUND ELECTRICAL CONDUIT - (SITEWORK	MEDIO
SW-06100	UNDERGROUND LIVAG CHILLER PIRING (CITEMORY MEDIC)	15	20-Aug-25	10-Sep-25			
SW-06120	UNDERGROUND HVAC CHILLER PIPING - (SITEWORK MEP'S)	5	20-Aug-25	26-Aug-25		RGROUND HVAC CHILLER PIPING - (SITEWORK ME	
SW-06140	DUCTBANK - (SITEWORK MEP"S)	5	11-Sep-25	17-Sep-25		JCTBANK - (\$ITEWORK MEP"S)	
SW-06160	TRANSFORMER - (SITEWORK MEP"S)	5	18-Sep-25	24-Sep-25		RANSFORMER - (SITEWORK MEP"S)	
SW-06180	GREASE & OIL INTERCEPTORS - (SITEWORK MEP'S)	5	10-Dec-25	16-Dec-25		GREASE & OIL INTERCEPTORS - (SITE	
SW-06200	CHILLERS - (SITEWORK MEP'S)	5	04-Mar-26	10-Mar-26		CHILLERS - (SITEWORK N	
SW-06220	SITE LIGHTING - (SITEWORK MEP"S)	5	31-Aug-26	04-Sep-26			SITE LIGHTING - (SITEWORK MEP"S)
SW-06240	GENERATOR - (SITEWORK MEP"S)	5	22-Apr-26	28-Apr-26		☐ GENERATOR - (SI	rework mep"s)
MISC. SITEW	ORK	30	15-Sep-26	26-Oct-26			
SW-07100	SIDEWALKS - MISC. SITEWORK	10	15-Sep-26	28-Sep-26			SIDEWALKS MISC SITEWORK
SW-07120	LANDSCAPING - MISC. SITEWORK	15	29-Sep-26	19-Oct-26			LANDSCAPING - MISC. SITEWORK
SW-07140	METCON PUNCH - MISC. SITEWORK	5	20-Oct-26	26-Oct-26			■ METCON PUNCH - MISC. SITEWO
STRUCTURE		177	08-Sep-25	21-May-26			
AREA 100		135	08-Sep-25	24-Mar-26			
1-01000	FOOTINGS - Area 100	15	08-Sep-25	26-Sep-25	F	FOOTINGS - Area 100	
1-01020	MASONRY FOUNDATION - Area 100	10	22-Sep-25	03-Oct-25		MASONRY FOUNDATION - Area 100	
1-01040	UNDERGROUND PLUMBING - Area 100	5	22-Sep-25	26-Sep-25		JNDERGROUND PLUMBING - Area 100	
1-01060	UNDERGROUND ELECTRICAL - Area 100	5	25-Sep-25	01-Oct-25		UNDERGROUND ELECTRICAL - Area 100	
1-01080	PREP & POUR SLAB - Area 100	8	06-Oct-25	15-Oct-25		PREP & POUR \$LAB - Area 100	
1-01100	STRUCTURAL MASONRY - Area 100	30	16-Oct-25	26-Nov-25		STRUCTURAL MASONRY - Area 100	
1-01120	STRUCTURAL IN-WALL ELECTRICAL - Area 100	25	16-Oct-25	19-Nov-25		STRUCTURAL IN-WALL ELECTRICAL - Area	100
1-01140	STRUCTURAL IN-WALL PLUMBING - Area 100	25	16-Oct-25	19-Nov-25		STRUCTURAL IN-WALL PLUMBING - Area 10	
1-01180	MECH PLATFORM STEEL & DECK - Area 100	10	30-Dec-25	13-Jan-26		MECH PLATFORM STEEL & DECK -	
1-01200	PREP & POUR SLAB ON DECK - Area 100	5	14-Jan-26	21-Jan-26		PREP & POUR SLAB ON DECK - A	
1-01220	SET STAIRS - Area 100	2	22-Jan-26	23-Jan-26		I SET STAIRS - Area 100	
1-01240	STRUCTURAL MASONRY @ MECH PLATFORM- Area 100	10	22-Jan-26	04-Feb-26		STRUCTURAL MASONRY @ ME	CH PLATFORM- Area 100
1-01280	HOLLOW CORE PLANKS - Area 100	3	12-Feb-26	17-Feb-26		■ HOLLOW CORE PLANKS - Are	
1-01300	MASONRY PARAPET WALL - Area 100	5	18-Feb-26	24-Feb-26		MASONRY PARAPET WALL -	
1-01320	STRUCTURAL STEEL/LGMF TRUSSES - Area 100	10	25-Feb-26	10-Mar-26		STRUCTURAL STEEL/LG	
1-01320	EXT METAL FRAMING & SHEATHING - Area 100	5	25-Feb-26 11-Mar-26	10-Mar-26		□ EXT METAL FRAMING &	
		5	18-Mar-26	24-Mar-26			
1-01360	METAL ROOF DECKING - Area 100					□ METAL ROOF DECKING	- Area 100
AREA 200	EQUINIOS Area 200	136	25-Sep-25	13-Apr-26		FOOTINGS Area 200	
2-01000	FOOTINGS - Area 200	20	25-Sep-25	22-Oct-25		FOOTINGS - Area 200	
2-01020	MASONRY FOUNDATION - Area 200	10	16-Oct-25	29-Oct-25		MASONRY FOUNDATION - Area 200	
2-01040	UNDERGROUND ELECTRICAL - Area 200	10	23-Oct-25	05-Nov-25		UNDERGROUND ELECTRICAL - Area 200	
2-01060	UNDERGROUND PLUMBING - Area 200	5	27-Oct-25	31-Oct-25		UNDERGROUND PLUMBING - Area 200	

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ID	Activity Namo	10/07/2	Ctort	Finish II		2025	2026 2027
ID	Activity Name	Work Days	Start	Finish	ov Dec Jan Feb Mar Ann		Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May
2-01080	PREP & POUR SLAB - Area 200	6	03-Nov-25	10-Nov-25	OV Dec Jan 1 eb Iviai Api	Way Juli Juli Aug Joep	□ PREP & POUR SLAB - Area 200
2-01100	STRUCTURAL MASONRY - Area 200	25	19-Nov-25	29-Dec-25	1 1 1		STRUCTURAL MASONRY - Area 200
2-01120	STRUCTURAL IN-WALL ELECTRICAL - Area 200	20	19-Nov-25	18-Dec-25			STRUCTURAL IN-WALL ELECTRICAL - Area 200
2-01140	STRUCTURAL IN-WALL PLUMBING - Area 200	20	19-Nov-25	18-Dec-25			STRUCTURAL IN-WALL PLUMBING - Area 200
2-01180	MECH PLATFORM STEEL & DECK - Area 200	10	30-Dec-25	13-Jan-26			MECH PLATFORM STEEL & DECK - Area 200
2-01200	PREP & POUR SLAB ON DECK - Area 200	5	14-Jan-26	21-Jan-26			PREP & POUR SLAB ON DECK - Area 200
2-01220	SET STAIRS - Area 200	2	22-Jan-26	23-Jan-26	1 1 1		I SET STAIRS - Area 200
2-01240	STRUCTURAL MASONRY @ MECH PLATFORM- Area 200	7	03-Feb-26	11-Feb-26			☐ STRUCTURAL MASONRY @ MECH PLATFORM- Area 200
2-01280	HOLLOW CORE PLANKS - Area 200	3	18-Feb-26	20-Feb-26			I HOLLOW CORE PLANKS - Area 200
2-01300	STRUCTURAL MASONRY OVER PLANKS - Area 200	5	23-Feb-26	27-Feb-26			STRUCTURAL MASONRY OVER PLANKS - Area 200
2-01320	STRUCTURAL STEEL / LGMF TRUSSES - Area 200	11	02-Mar-26	16-Mar-26			\$TRUCTURAL STEEL / LGMF TRUSSES - Area 200
2-01340	EXT METAL FRAMING & SHEATHING - Area 200	10	17-Mar-26	30-Mar-26	1 1		EXT METAL FRAMING & SHEATHING - Area 200
2-01360	METAL ROOF DECKING - Area 200	10	31-Mar-26	13-Apr-26			■ METAL ROOF DECKING - Area 200
AREA 600		115	21-Oct-25	08-Apr-26			
6-01000	FOOTINGS - Area 600	15	21-Oct-25	10-Nov-25	1		FOOTINGS - Area 600
6-01020	MASONRY FOUNDATION - Area 600	16	04-Nov-25	25-Nov-25	1 1 1		MASONRY FOUNDATION - Area 600
6-01040	UNDERGROUND PLUMBING - Area 600	18	11-Nov-25	08-Dec-25			UNDERGROUND PLUMBING - Area 600
6-01060	UNDERGROUND ELECTRICAL - Area 600	15	18-Nov-25	10-Dec-25			UNDERGROUND ELECTRICAL - Area 600
6-01080	PREP & POUR SLAB - Area 600	9	09-Dec-25	19-Dec-25			PREP & POUR SLAB - Area 600
6-01100	STRUCTURAL MASONRY - Area 600	15	22-Dec-25	14-Jan-26	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STRUCTURAL MASONRY - Area 600
6-01120	STRUCTURAL IN-WALL ELECTRICAL - Area 600	10	22-Dec-25	07-Jan-26	1 1 1		STRUCTURAL IN-WALL ELECTRICAL - Area 600
6-01140	STRUCTURAL IN-WALL PLUMBING - Area 600	10	22-Dec-25	07-Jan-26			STRUCTURAL IN-WALL PLUMBING - Area 600
6-01160	HOLLOW CORE PLANKS & TOPPING SLAB - Area 600	3	23-Feb-26	25-Feb-26			I HOLLOW CORE PLANKS & TOPPING SLAB - Area 600
6-01180	STRUCTURAL STEEL / LGMF TRUSSES - Area 600	10	26-Feb-26	11-Mar-26			STRUCTURAL STEEL / LGMF TRUSSES - Area 600
6-01220	METAL ROOF DECKING - Area 600	10	12-Mar-26	25-Mar-26			■ METAL ROOF DECKING - Area 600
6-01240	EXT METAL FRAMING & SHEATHING - Area 600	10	26-Mar-26	08-Apr-26			EXT METAL FRAMING & SHEATHING - Area 600
	EXT WE FALT I VAINING & STEATTING -Alea 000	87	11-Nov-25	20-Mar-26	1 1 1		EXTINCTACION OF A GOOD
AREA 300 3-01000	FOOTINGS - Area 300	11	11-Nov-25	25-Nov-25			□ FOФTINGS - Area 300
							MASONRY FOUNDATION - Area 300
3-01020	MASONRY FOUNDATION - Area 300 UNDERGROUND PLUMBING - Area 300	5	25-Nov-25	03-Dec-25			
3-01040		5	02-Dec-25	08-Dec-25			UNDERGROUND PLUMBING - Area 300 UNDERGROUND ELECTRICAL - Area 300
3-01060	UNDERGROUND ELECTRICAL - Area 300 PREP & POUR SLAB - Area 300	10	04-Dec-25	17-Dec-25			PREP & POUR SLAB - Area 300
3-01080		5	15-Dec-25	19-Dec-25	; ; ;	1 1 1 1	
3-01100	STRUCTURAL MASONRY - Area 300	25	15-Jan-26	20-Feb-26			STRUCTURAL MASONRY - Area 300 STRUCTURAL IN-WALL ELECTRICAL - Area 300
3-01120	STRUCTURAL IN WALL BLUMBING Area 300	20	15-Jan-26	12-Feb-26			STRUCTURAL IN-WALL PLUMBING - Area 300
3-01140	STRUCTURAL IN-WALL PLUMBING - Area 300	20	15-Jan-26	12-Feb-26			
3-01180	HOLLOW CORE PLANKS - Area 300	10	23-Feb-26	06-Mar-26			HOLLOW CORE PLANKS - Area 300
3-01220	EXT METAL FRAMING & SHEATHING - Area 300	5	09-Mar-26	13-Mar-26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		EXT METAL FRAMING & SHEATHING - Area 300
3-01240	MISC. PERIMETER ROOF STEEL - Area 300	5	16-Mar-26	20-Mar-26			MISC. PERIMETER ROOF STEEL - Area 300
AREA 400	FOOTINGS Area 400	98	26-Nov-25	21-Apr-26			
4-01000	FOOTINGS - Area 400	10	26-Nov-25	11-Dec-25			FOOTINGS - Area 400
4-01020	MASONRY FOUNDATION - Area 400	5	12-Dec-25	18-Dec-25			MASONRY FOUNDATION - Area 400
4-01040	UNDERGROUND PLUMBING - Area 400	5	17-Dec-25	23-Dec-25			□ UNDERGROUND PLUMBING - Area 400

Remaining Work Critical Remaining Work Page 8 of 19

Project ID: Frink - 01F		\\\\and-	Ctort	Einich	2025	Report Date: 14-Mar-25 Data Date: 01-Feb-25 2026 2027		
)	Activity Name	Work Days	Start	Finish		Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May		
4-01060	UNDERGROUND ELECTRICAL - Area 400	5	19-Dec-25	29-Dec-25	Nov Dee Guil i es Mai 75 May Guil Gui 74g Ges	UNDERGROUND ELECTRICAL -Area 400		
4-01080	PREP & POUR SLAB - Area 400	4	29-Dec-25	02-Jan-26		PREP & POUR SLAB - Area 400		
4-01100	STRUCTURAL MASONRY - Area 400	25	18-Feb-26	24-Mar-26		STRUCTURAL MASONRY - Area 400		
4-01120	STRUCTURAL IN-WALL ELECTRICAL - Area 400	20	18-Feb-26	17-Mar-26		STRUCTURAL IN-WALL ELECTRICAL - Area 400		
4-01140	STRUCTURAL IN-WALL PLUMBING - Area 400	20	18-Feb-26	17-Mar-26		STRUCTURAL IN-WALL PLUMBING - Area 400		
4-01180	HOLLOW CORE PLANKS - Area 400	10	25-Mar-26	07-Apr-26		HOLLOW CORE:PLANKS - Area 400		
4-01220	EXT METAL FRAMING & SHEATHING - Area 400	5	08-Apr-26	14-Apr-26		EXT METAL FRAMING & SHEATHING - Area 400		
4-01240	MISC. PERIMETER ROOF STEEL - Area 400	5	15-Apr-26	21-Apr-26		■ MISC. PERIMETER ROOF STEEL - Area 400		
AREA 500	WIGG. I ENWELLING OF GILLE 7464 400	110	12-Dec-25	21-May-26		a moore Edmineration of the property of the pr		
5-01000	FOOTINGS - Area 500	10	12-Dec-25	29-Dec-25		FOOTINGS -Area 500		
5-01020	MASONRY FOUNDATION - Area 500	5	30-Dec-25	06-Jan-26		☐ MASONRY FOUNDATION - Area 500		
5-01040	UNDERGROUND PLUMBING - Area 500	5	05-Jan-26	09-Jan-26		UNDERGROUND PLUMBING - Area 500		
5-01060	UNDERGROUND ELECTRICAL - Area 500	5	07-Jan-26	13-Jan-26		UNDERGROUND ELECTRICAL - Area 500		
	PREP & POUR SLAB - Area 500	4						
5-01080 5-01100	STRUCTURAL MASONRY - Area 500	25	13-Jan-26 20-Mar-26	16-Jan-26 23-Apr-26		I PREP & POUR SLAB - Area 500 STRUCTURAL MASONRY - Area 500		
		20		·				
5-01120	STRUCTURAL IN WALL BLUMBING Area 500		20-Mar-26	16-Apr-26		STRUCTURAL IN-WALL ELECTRICAL - Area 500		
5-01140	STRUCTURAL IN-WALL PLUMBING - Area 500	20	20-Mar-26	16-Apr-26		STRUCTURAL IN-WALL PLUMBING - Area 500		
5-01180	HOLLOW CORE PLANKS - Area 500	10	24-Apr-26	07-May-26		HOLLOW CORE PLANKS - Area 500		
5-01220	EXT METAL FRAMING & SHEATHING - Area 500	5	08-May-26	14-May-26		EXT METAL FRAMING & SHEATHING - Area 500		
5-01240	MISC. PERIMETER ROOF STEEL - Area 500	5	15-May-26	21-May-26		■ MISC PERIMETER ROOF STEEL -Area 500		
ENVELOPE		115	16-Mar-26	25-Aug-26				
AREA 100	_	76	18-Mar-26	02-Jul-26				
ROOF		25	25-Mar-26	28-Apr-26				
1-02060	OH ROOF LIGHTING ROUGHIN - Area 100	5	25-Mar-26	31-Mar-26		OH ROOF LIGHTING ROUGHIN - Area 100		
1-02100	TPO ROOFING - Area 100	15	01-Apr-26	21-Apr-26		TPO ROOFING - Area 100		
1-02140	SKYLIGHTS - Area 100	5	06-Apr-26	10-Apr-26		SKYLIGHT\$ - Area 100		
1-02200	ROOFTOP AHU - Area 100	3	22-Apr-26	24-Apr-26		■ ROOFTOP AHU - Area 100		
1-02220	ROOF ACCESS STAIRS - Area 100	5	22-Apr-26	28-Apr-26		ROOF ACCESS STAIRS - Area 100		
EXTERIOR WA	LLS	76	18-Mar-26	02-Jul-26				
1-02000	AIR BARRIER - Area 100	5	18-Mar-26	24-Mar-26		□ AIR BARRIER - Area 100		
1-02020	SPRAY FOAM INSULATION - Area 100	5	25-Mar-26	31-Mar-26		SPRAY FOAM INSULATION - Area 100		
1-02040	BRICK VENEER - Area 100	25	01-Apr-26	05-May-26		BRICK VENEER - Area 100		
1-02080	CAST STONE SILLS - Area 100	5	29-Apr-26	05-May-26		CAST STONE SILLS - Area 100		
1-02120	BRICK CLEANING - Area 100	5	06-May-26	12-May-26		☐ BRICK CLEANING - Area 100		
1-02160	EXT WINDOWS - Area 100	5	13-May-26	19-May-26		☐ EXT WINDOW\$ - Area 100		
1-02180	METAL PANELS - Area 100	5	20-May-26	27-May-26		■ METAL PANELS - Area 100		
1-02240	ALUM. GUTTERS & SOFFITS - Area 100	5	28-May-26	03-Jun-26		□ ALUM GUTTERS & SOFFITS - Area 100		
1-02260	EXT CANOPIES - Area 100	10	04-Jun-26	17-Jun-26		EXT CANOPIES - Area 100		
1-02280	EXT DOORS & HARDWARE - Area 100	5	18-Jun-26	24-Jun-26		☐ EXT DOORS & HARDWARE - Area 100		
1-02300	EXT PLUMBING TRIMOUT - Area 100	5	18-Jun-26	24-Jun-26		EXT PLUMBING TRIMOUT - Area 100		
1-02320	EXT ELECTRICAL TRIMOUT - Area 100	5	19-Jun-26	25-Jun-26		EXT ELECTRICAL TRIMOUT - Area 100		
1-02340	METCON EXTERIOR PUNCH - Area 100	5	26-Jun-26	02-Jul-26		☐ METCON EXTERIOR PUNCH - Area 100		
Remaining Level of	Effort ♦ Milestone					Filter List: TASK filter: All Activities		
					tCon	FINAL LIST, LASK THIAL, ALL ACTIVITIES		

Remaining Work Critical Remaining Work Page 9 of 19

	Project ID: Frink - 01F					Report Date: 14-Mar-25 Data Date: 01-Feb-25		
	Activity Name	Work Days	Start	Finish	2025	2026 2027		
AREA 200		87	31-Mar-26	31-Jul-26	Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep C	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May		
ROOF		23	14-Apr-26	14-May-26				
2-02080	OH ROOF LIGHTING ROUGHIN - Area 200	5	14-Apr-26	20-Apr-26		OH ROOF LIGHTING ROUGHIN - Area 200		
2-02120	TPO ROOFING - Area 200	15	21-Apr-26	11-May-26		TPO ROOFING - Area 200		
2-02180	ROOFTOP AHU - Area 200	3	12-May-26	14-May-26		■ ROOFTOP AHU - Area 200		
EXTERIOR W		87	31-Mar-26	31-Jul-26				
2-02000	AIR BARRIER - Area 200	5	31-Mar-26	06-Apr-26		☐ AIR BARRIER - Area 200		
2-02020	SPRAY FOAM INSULATION - Area 200	5	07-Apr-26	13-Apr-26		SPRAY FOAM INSULATION - Area 200		
2-02040	BRICK VENEER - Area 200	15	29-Apr-26	19-May-26		BRICK VENEER - Area 200		
2-02060	CAST STONE SILLS - Area 200	5	13-May-26	19-May-26		CAST STONE SILLS - Area 200		
2-02100	BRICK CLEANING - Area 200	5	20-May-26	27-May-26		■ BRICK CLEANING - Area 200		
2-02100	EXT STOREFRONT / WINDO WS - Area 200	15	28-May-26	17-Jun-26		EXT STOREFRONT / WINDOWS - Area 200		
2-02140	METAL PANELS - Area 200	10	11-Jun-26	24-Jun-26		METAL PANELS - Area 200		
2-02100	ALUM. GUTTERS & SOFFITS - Area 200	5	25-Jun-26	01-Jul-26		ALUM. GUTTERS & SOFFITS - Area 200		
2-02220	EXT CANOPIES - Area 200	10	02-Jul-26	16-Jul-26		EXT CANOPIES - Area 200		
2-02240	EXT DOORS & HARDWARE - Area 200	5	17-Jul-26	23-Jul-26		EXTIDOGRS & HARDWARE - Area 200		
2-02260	EXT PLUMBING TRIMOUT - Area 200	5	17-Jul-26	23-Jul-26		EXT PLUMBING TRIMOUT - Area 200		
2-02280	EXT ELECTRICAL TRIMOUT - Area 200	5	20-Jul-26	24-Jul-26		■ EXT ELECTRICAL TRIMOUT - Area 200		
2-02300	METCON EXTERIOR PUNCH - Area 200	5	27-Jul-26	31-Jul-26		■ METCON EXTERIOR PUNCH - Area 200		
BUILDING 600)	92	23-Mar-26	30-Jul-26				
ROOF		42	23-Mar-26	19-May-26				
6-02100	OH ROOF LIGHTING ROUGHIN - Area 600	6	23-Mar-26	30-Mar-26		OH ROOF LIGHTING ROUGHIN - Area 600		
6-02140	TPO ROOFING - Area 600	14	26-Mar-26	14-Apr-26		TPO ROOFING - Area 600		
6-02160	ROOFTOP AHU - Area 600	3	15-May-26	19-May-26		Ū ROOFTOP AHŲ - Area 600		
6-02180	ROOF ACCESS STAIRS - Area 600	10	15-Apr-26	28-Apr-26		ROOF ACCESS STAIRS - Area 600		
EXTERIOR W		79	09-Apr-26	30-Jul-26				
6-02000	AIR BARRIER - Area 600	5	09-Apr-26	15-Apr-26		☐ AIR BARRIER -Area 600		
6-02020	SPRAY FOAM INSULATION - Area 600	5	21-Apr-26	27-Apr-26		SPRAY FOAM INSULATION - Area 600		
6-02040	BRICK VENEER - Area 600	10	13-May-26	27-May-26		BRICK VENEER - Area 600		
6-02060	CAST STONE SILLS - Area 600	5	20-May-26	27-May-26		□ CAST STONE SILLS - Area 600		
6-02080	BRICK CLEANING - Area 600	5	28-May-26	03-Jun-26		☐ BRICK CLEANING - Area 600		
6-02120	EXT WINDOWS - Area 600	5	04-Jun-26	10-Jun-26		□ EXT WINDOWS - Area 600		
6-02200	METAL PANELS - Area 600	5	11-Jun-26	17-Jun-26		☐ METAL PANELS - Area 600		
6-02220	ALUM. GUTTERS & SOFFITS - Area 600	5	18-Jun-26	24-Jun-26		□ ALUM. GUTTERS & SOFFITS - Area 600		
6-02240	EXT CANOPIES - Area 600	10	25-Jun-26	09-Jul-26		EXT CANOPIES - Area 600		
6-02260	EXT DOORS & HARDWARE - Area 600	5	10-Jul-26	16-Jul-26		EXT DOORS & HARDWARE - Area 600		
6-02280	EXT ELECTRICAL TRIMOUT - Area 600	5	17-Jul-26	23-Jul-26		□ EXT ELECTRICAL TRIMOUT - Area 600		
6-02300	EXT PLUMBING TRIMOUT - Area 600	5	17-Jul-26	23-Jul-26		☐ EXT PLUMBING TRIMOUT - Area 600		
6-02320	METCON EXTERIOR PUNCH - Area 600	5	24-Jul-26	30-Jul-26		☐ METCON EXTERIOR PUNCH - Area 600		
AREA 300		71	16-Mar-26	23-Jun-26				
ROOF		47	23-Mar-26	27-May-26				
3-02040	OH ROOF LIGHTING ROUGHIN - Area 300	5	23-Mar-26	27-Mar-26		OH ROOF LIGHTING ROUGHIN - Area 300		

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3-02060 3-02200 EXTERIOR WAL	Activity Name TPO ROOFING - Area 300	Work Days	Start	Finish	2025	2026 2027
3-02200	TPO ROOFING - Area 300				lovi Decilian i Februari Abrilmavi. IIIn i Jili TAUG i Sebi	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Ma
		10	30-Mar-26	10-Apr-26		TPO ROOFING - Area 300
EXTERIOR WAL	ROOFTOP AHU - Area 300	5	20-May-26	27-May-26		□ ROOFTOPAHU - Area 300
	LS	71	16-Mar-26	23-Jun-26		
3-02000	AIR BARRIER - Area 300	5	16-Mar-26	20-Mar-26		AIR BARRIER - Area 300
3-02020	SPRAY FOAM INSULATION - Area 300	5	23-Mar-26	27-Mar-26		SPRAY FOAM INSULATION - Area 300
3-02080	BRICK VENEER - Area 300	15	30-Mar-26	17-Apr-26		BRICK VENEER - Area 300
3-02100	CAST STONE SILLS - Area 300	5	13-Apr-26	17-Apr-26		CAST STONE SILLS:- Area 300
3-02120	BRICK CLEANING - Area 300	5	20-Apr-26	24-Apr-26		BRICK CLEANING - Area 300
3-02140	EXT STOREFRONT - Area 300	5	27-Apr-26	01-May-26		I EXT STOREFRONT - Area 300
3-02160	Metal Panels - Area 300	10	04-May-26	15-May-26		Metal Panels - Area 300
3-02180	ALUM. GUTTERS & SOFFITS - Area 300	5	18-May-26	22-May-26		☐ ALUM. GUTTERS & SOFFITS - Area 300
3-02220	EXT CANOPIES - Area 300	10	26-May-26	08-Jun-26		EXT CANOPIES - Area 300
3-02240	EXT DOORS & HARDWARE - Area 300	5	09-Jun-26	15-Jun-26		■ EXT DOORS & HARDWARE - Area 300
3-02260	EXT PLUMBING TRIMOUT - Area 300	5	09-Jun-26	15-Jun-26		■ EXT PLUMBING TRIMOUT - Area 300
3-02280	EXT ELECTRICAL TRIMOUT - Area 300	5	10-Jun-26	16-Jun-26		□ EXT ÉLECTRICAL TRIMOUT - Area 300
3-02300	METCON EXTERIOR PUNCH - Area 300	5	17-Jun-26	23-Jun-26		■ METCON EXTERIOR PUNCH - Area 300
AREA 400		76	15-Apr-26	31-Jul-26		
ROOF		27	22-Apr-26	29-May-26		
4-02120	OH ROOF LIGHTING ROUGHIN - Area 400	5	22-Apr-26	28-Apr-26		OH ROOF LIGHTING ROUGHIN - Area 400
4-02160	TPO ROOFING - Area 400	9	29-Apr-26	11-May-26		☐ TPO ROOFING - Area 400
4-02180	ROOFTOP AHU - Area 400	2	28-May-26	29-May-26		I ROOFTOP AHU - Area 400
EXTERIOR WAL	LS	76	15-Apr-26	31-Jul-26		
4-02000	AIR BARRIER - Area 400	5	15-Apr-26	21-Apr-26		☐ AIR BARRIER - Area 400
4-02020	SPRAY FOAM INSULATION - Area 400	5	22-Apr-26	28-Apr-26		SPRAY FOAM INSULATION - Area 400
4-02040	BRICK VENEER - Area 400	15	29-Apr-26	19-May-26		BRICK VENEER - Area 400
4-02060	CAST STONE SILLS - Area 400	5	13-May-26	19-May-26		CAST STONE SILLS - Area 400
4-02080	BRICK CLEANING - Area 400	5	20-May-26	27-May-26		☐ BRICK CLEANING - Area 400
4-02100	EXT STOREFRONT - Area 400	5	28-May-26	03-Jun-26		☐ EXT STOREFRONT - Area 400
4-02140	METAL PANELS - Area 400	15	04-Jun-26	24-Jun-26		METAL PANELS - Area 400
4-02200	ALUM. GUTTERS & SOFFITS - Area 400	5	25-Jun-26	01-Jul-26		☐ ALUM. GUTTERS & SOFFITS - Area 400
4-02220	EXT CANOPIES - Area 400	10	02-Jul-26	16-Jul-26		EXT CANOPIES - Area 400
4-02240	EXT DOORS & HARDWARE - Area 400	5	17-Jul-26	23-Jul-26		■ EXT DOORS & HARDWARE - Area 400
4-02260	EXT PLUMBING TRIMOUT - Area 400	5	17-Jul-26	23-Jul-26		☐ EXT PLUMBING TRIMOUT - Area 400
4-02280	EXT ELECTRICAL TRIMOUT - Area 400	5	20-Jul-26	24-Jul-26		☐ EXT ELECTRICAL TRIMOUT - Area 400
4-02300	METCON EXTERIOR PUNCH - Area 400	5	27-Jul-26	31-Jul-26		I METCON EXTERIOR PUNCH - Area 400
AREA 500		71	15-May-26	25-Aug-26		
ROOF		16	22-May-26	15-Jun-26		
5-02120	OH ROOF LIGHTING ROUGHIN - Area 500	5	22-May-26	29-May-26		OH ROOF LIGHTING ROUGHIN - Area 500
5-02160	TPO ROOFING - Area 500	9	01-Jun-26	11-Jun-26		☐ TPO ROOFING - Area 500
5-02180	ROOFTOP AHU - Area 500	2	12-Jun-26	15-Jun-26		I ROOFTOP AHU - Area 500
EXTERIOR WAL	LS	71	15-May-26	25-Aug-26		
5-02000	AIR BARRIER - Area 500	5	15-May-26	21-May-26		■ AIR BARRIER - Area 500

Actual Work

Critical Remaining Work

Remaining Work

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Project ID: Frink - 01F ID Activity Name		Work	Start	Finish	2025	Report Date: 14-Mar-25 Data Date: 01-Feb-25 2026 2027
rearry rearro		Days	Start			Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May
5-02020	SPRAY FOAM INSULATION - Area 500	5	22-May-26	29-May-26		SPRAY FOAM INSULATION - Area 500:
5-02040	BRICK VENEER - Area 500	10	01-Jun-26	12-Jun-26		■ BRICK VENEER - Area 500
5-02060	CAST STONE SILLS - Area 500	5	08-Jun-26	12-Jun-26		■ CAST STONE SILLS - Area 500
5-02080	BRICK CLEANING - Area 500	5	15-Jun-26	19-Jun-26		■ BRICK CLEANING - Area 500
5-02100	EXT STOREFRONT - Area 500	5	22-Jun-26	26-Jun-26		■ EXT STOREFRONT - Area 500
5-02140	METAL PANELS - Area 500	15	29-Jun-26	20-Jul-26		METAL PANELS - Area 500
5-02200	ALUM. GUTTERS & SOFFITS - Area 500	5	21-Jul-26	27-Jul-26		☐ ALUM. GUTTERS & SOFFITS - Area 500
5-02220	EXT CANOPIES - Area 500	10	28-Jul-26	10-Aug-26		EXT CANOPIES - Area 500
5-02240	EXT DOORS & HARDWARE - Area 500	5	11-Aug-26	17-Aug-26		■ EXT DOORS & HARDWARE - Area 500
5-02260	EXT PLUMBING TRIMOUT - Area 500	5	11-Aug-26	17-Aug-26		☐ EXT PLUMBING TRIMOUT - Area 500
5-02280	EXT ELECTRICAL TRIMOUT - Area 500	5	12-Aug-26	18-Aug-26		■ EXT ELECTRICAL TRIMOUT - Area 500
5-02300	METCON EXTERIOR PUNCH - Area 500	5	19-Aug-26	25-Aug-26		■ METCON EXTERIOR PUNCH - Area 500
	MILTOON EXTENSION TONOTT-Alea 300	164	26-Mar-26	13-Nov-26		a we con extensive and a sou
INTERIOR		115		30-Oct-26		
AREA 100 LOBBY / ADM	IN.		20-May-26			
	OH HVAC DUCT ROUGHIN - Area 100	115	20-May-26	30-Oct-26 10-Jun-26		OH HVAC DUCT ROUGHIN - Area 100
1-03000		15	20-May-26			
1-03020	OH ELECTRICAL ROUGHIN - Area 100	15	26-May-26	15-Jun-26		OH ELECTRICAL ROUGHIN - Area 100
1-03040	OH PLUMBING ROUGHIN - Area 100	0	28-May-26	28-May-26		I OH PLUMBING ROUGHIN - Area 100
1-03060	INTERIOR METAL FRAMING - Area 100	5	28-May-26	03-Jun-26		☐ INTERIOR METAL FRAMING - Area 100
1-03080	OH FIRE SPRINKLER ROUGHIN - Area 100	15	01-Jun-26	19-Jun-26		OH FIRE SPRINKLER ROUGHIN - Area 100
1-03100	OH HVAC EQUIPMENT, PIPING & INSUL - Area 100	10	04-Jun-26	17-Jun-26		OH HVAC EQUIPMENT, PIPING & INSUL - Area 100
1-03120	IN-WALL PLUMBING - Area 100	5	04-Jun-26	10-Jun-26		□ IN-WALL PLUMBING - Area 100
1-03140	IN-WALL ELECTRICAL - Area 100	5	09-Jun-26	15-Jun-26		□ IN-WALL ELECTRICAL - Area 100
1-03160	OH PLUMBING INSUL - Area 100	5	11-Jun-26	17-Jun-26		□ OH PLUMBING INSUL - Area 100
1-03180	MEP ROUGH-IN INSPECTIONS - Area 100	1	22-Jun-26	22-Jun-26		I MEP ROUGH-IN INSPECTIONS - Area 100
1-03200	WALL & BATT INSUL - Area 100	3	23-Jun-26	25-Jun-26		I WALL & BATT INSUL - Area 100
1-03220	HANG, FINISH & SAND GYPSUM (WALLS) - Area 100	5	26-Jun-26	02-Jul-26		HANG, FINISH & SAND GYPSUM (WALLS) - Area 100
1-03240	PRIME & 1ST COAT PAINT - Area 100	10	06-Jul-26	17-Jul-26		☐ PRIME & 1ST COAT PAINT - Area 100
1-03260	INTERIOR STOREFRONTS - Area 100	5	20-Jul-26	24-Jul-26		I INTÉRIOR STOREFRONTS - Area 100
1-03280	CEILING GRID - Area 100	5	20-Jul-26	24-Jul-26		II CEILING GRID - Area 100
1-03300	DROP HVAC GRILLS & DIFFUSERS - Area 100	5	27-Jul-26	31-Jul-26		D DROP HVAC GRILLS & DIFFUSERS - Area 100
1-03320	DROP SPRINKLER HEADS- Area 100	5	27-Jul-26	31-Jul-26		DROP SPRINKLER HEADS- Area 100
1-03340	DROP GRID LIGHTING - Area 100	7	27-Jul-26	04-Aug-26		☐ DROP GRID LIGHTING - Area 100
1-03360	MEP OH GRID INSPECTIONS - Area 100	1	05-Aug-26	05-Aug-26		I MEP OH GRID INSPECTIONS - Area 100
1-03420	HVAC TRIMOUT - Area 100	5	06-Aug-26	12-Aug-26		☐ HVAC TRIMOUT - Area 100
1-03440	ELECTRICAL TRIMOUT - Area 100	10	13-Aug-26	26-Aug-26		■ ELECTRICAL TRIMOUT - Area 100
1-03460	FIRE ALARM TRIMOUT - Area 100	5	13-Aug-26	19-Aug-26		☐ FIRE ALARM TRIMOUT - Area 100
1-03480	SECURITY TRIMOUT - Area 100	5	13-Aug-26	19-Aug-26		☐ SECURITY TRIMOUT - Area 100
1-03500	DROP CEILING PANELS - Area 100	4	16-Sep-26	21-Sep-26		■ DROP CEILING PANELS - Area 100
1-03520	CASEWORK - Area 100	3	18-Sep-26	22-Sep-26		CASEWORK - Area 100
1-03540	PLUMBING TRIMOUT - Area 100	5	23-Sep-26	29-Sep-26		☐ PLUMBING TRIMOUT - Area 100
1-03560	DOORS & HARDWARE - Area 100	5	23-Sep-26	29-Sep-26		DOORS & HARDWARE - Area 100
Remaining Level o	f Effort ♦ Milestone	J. J.			10	Filter List: TASK filter: All Activities
 Actual Level of Effort 				Me	tCon	Layout: Frink - WBS

Actual Work

Critical Remaining Work

Remaining Work

Layout: Frink - WBS Page 12 of 19

Project ID: Frink - 01F						Report Date: 14-Mar-25 Data Date: 01-Feb-25	
ty ID	Activity Name		Work Days	Start	Finish	2025	2026 2027
	1-03580	FINAL PAINT - Area 100	14	30-Sep-26	19-Oct-26	Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Final Final Final Paint - Area 100
	1-03600	CARPET / FLOORING - Area 100	10	13-Oct-26	26-Oct-26		CARPET / FLOORING -Area 100
	1-03620	PRE-CLEAN - Area 100	4	23-Oct-26	28-Oct-26		PRE-CLEAN - Area 100
		METCON PUNCH - Area 100			30-Oct-26		
	1-03640	METCON PUNCH - Area 100	5	26-Oct-26			METCON PUNCH - Area 100
	GYMNASIUM		61	06-Jul-26	29-Sep-26		
	1-04000	DELIVER / ACCLIMATE GYM HARDWO OD FLO ORING - (GYMNASIUM) - Area 10		06-Jul-26	17-Jul-26		DELIVER /ACCLIMATE GYM HARDWOOD FLO ORIN
	1-04010	INSTALL GYM HARDWOOD FLOORING - (GYMNASIUM) - Area 100	15	20-Jul-26	07-Aug-26		INSTALL GYM HARDWOOD FLOORING - (GYMN
	1-04020	FINAL PAINT - (GYMNASIUM) - Area 100	5	24-Aug-26	28-Aug-26		FINAL PAINT - (GYMNASIUM) - Area 100
	1-04040	SPORTS EQUIPMENT (BB GOALS, ETC.) - (GYMNASIUM) - Area 100	10	10-Aug-26	21-Aug-26		SPORTS EQUIPMENT (BB GOALS, ETC.) - (GY
	1-04060	SCOREBOARDS - (GYMNASIUM) - Area 100	5	31-Aug-26	04-Sep-26		SCOREBOARDS (GYMNASIUM) - Area 100
	1-04080	ACOUSTICAL WALL PANELS (AWP) - (GYMNASIUM) - Area 100	5	16-Sep-26	22-Sep-26		□ ACOUSTICAL WALL PANELS (AWP) - (GY
	1-04120	BLEACHERS - (GYMNASIUM) - Area 100	5	23-Sep-26	29-Sep-26		□ BLEACHERS - (GYMNASIUM) - Area 100
	BATHROOMS (& LOCKERROOMS	26	06-Jul-26	10-Aug-26		
	1-05000	METAL FRAME CEILINGS - LOCKER ROOMS- Area 100	5	06-Jul-26	10-Jul-26		☐ METAL FRAME CEILINGS LOCKER ROOMS-Area 10
	1-05020	MEP OH HARD CEILING INSPECTION - LOCKER ROOMS- Area 100	1	13-Jul-26	13-Jul-26		I MEP OH HARD CEILING INSPECTION - LOCKER RO
	1-05040	HANG, FINISH, & SAND GYPSUM (CEILING) - LOCKER ROOMS- Area 100	5	14-Jul-26	20-Jul-26		☐ HANG, FINISH, & SAND GYPSUM (CEILING) - LOCK
	1-05060	FLOOR & WALL TILE - LOCKER ROOMS- Area 100	5	21-Jul-26	27-Jul-26		☐ FLOOR & WALL TILE - LOCKER ROOMS-Area 100
	1-05080	INSTALL TOILET & SINK - LOCKER ROOMS- Area 100	5	28-Jul-26	03-Aug-26		☐ INSTALL TOILET & SINK - LOCKER ROOMS- Area
	1-05100	INSTALL LOCKERS - LOCKER ROOMS- Area 100	5	04-Aug-26	10-Aug-26		☐ INSTALL LOCKERS - LOCKER ROOMS- Area 100
	1-05120	TOILET PARTITIONS & ACCESSORIES - LOCKER ROOMS- Area 100	3	04-Aug-26	06-Aug-26		I TOILET PARTITIONS & ACCESSORIES - LOCKER
	AREA 200		100	18-Jun-26	06-Nov-26		
	CLASSROOM		100	18-Jun-26	06-Nov-26		
					04 1 1 00		
	2-03000	OH HVAC DUCT ROUGHIN - Area 200	10	18-Jun-26	01-Jul-26		OH HVAC DUCT ROUGHIN Area 200
	2-03000		10 10				
	2-03000 2-03020	OH ELECTRICAL ROUGHIN - Area 200	10	23-Jun-26	07-Jul-26		OH ELECTRICAL ROUGHIN - Area 200
	2-03000 2-03020 2-03040	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200	10	23-Jun-26 25-Jun-26	07-Jul-26 09-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200
	2-03000 2-03020 2-03040 2-03060	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200	10 10 5	23-Jun-26 25-Jun-26 25-Jun-26	07-Jul-26 09-Jul-26 01-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03080	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200	10 10 5 10	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200
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	2-03000 2-03020 2-03040 2-03060 2-03080 2-03100 2-03120	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200	10 10 5 10 10 5	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03080 2-03100 2-03120 2-03140	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200	10 10 5 10 10 5 5	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 02-Jul-26 08-Jul-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26 14-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03180 2-03120 2-03140 2-03160	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200	10 10 5 10 10 5	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 02-Jul-26 08-Jul-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26 14-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03100 2-03120 2-03140 2-03160 2-03180	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 MEP ROUGH-IN INSPECTIONS - Area 200	10 10 5 10 10 5 5 5 5	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 02-Jul-26 08-Jul-26 10-Jul-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26 14-Jul-26 16-Jul-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 I MEP ROUGH-IN INSPECTIONS - Area 200
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	2-03000 2-03020 2-03040 2-03060 2-03080 2-03120 2-03140 2-03160 2-03200 2-03220 2-03240 2-03260 2-03280	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 HANG, FINISH & SAND GYPSUM (WALLS) - Area 200 PRIME & 1ST COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200	10 10 5 10 10 5 5 5 1 3 5 10 5	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 08-Jul-26 10-Jul-26 17-Jul-26 20-Jul-26 23-Jul-26 30-Jul-26 13-Aug-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26 14-Jul-26 17-Jul-26 22-Jul-26 29-Jul-26 19-Aug-26 19-Aug-26 26-Aug-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 I MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 HANG, FINISH & SAND GYP\$UM (WALLS) - Area 200 PRIME & 1\$T COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03080 2-03120 2-03120 2-03180 2-03200 2-03220 2-03240 2-03280 2-03280 2-03300	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 HANG, FINISH & SAND GYPSUM (WALLS) - Area 200 PRIME & 1ST COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200 DROP GRID LIGHTING - Area 200	10 10 5 10 10 5 10 10 5 5 5 1 3 5 10 5 10	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 02-Jul-26 08-Jul-26 10-Jul-26 20-Jul-26 23-Jul-26 30-Jul-26 13-Aug-26 13-Aug-26 20-Aug-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 09-Jul-26 14-Jul-26 16-Jul-26 17-Jul-26 22-Jul-26 29-Jul-26 12-Aug-26 19-Aug-26 02-Sep-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 I MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 HANG, FINISH & SAND GYPSUM (WALLS) - Area 2 PRIME & 1ST COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200
	2-03000 2-03020 2-03040 2-03060 2-03080 2-03120 2-03140 2-03160 2-03200 2-03220 2-03240 2-03260 2-03280 2-03320	OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 HANG, FINISH & SAND GYPSUM (WALLS) - Area 200 PRIME & 1ST COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200 DROP GRID LIGHTING - Area 200 DROP HVAC GRILLS & DIFFUSERS - Area 200	10 10 5 10 10 5 10 10 5 5 5 1 3 5 10 5 10	23-Jun-26 25-Jun-26 25-Jun-26 29-Jun-26 02-Jul-26 08-Jul-26 10-Jul-26 17-Jul-26 20-Jul-26 23-Jul-26 30-Jul-26 13-Aug-26 13-Aug-26 20-Aug-26 27-Aug-26	07-Jul-26 09-Jul-26 01-Jul-26 13-Jul-26 16-Jul-26 19-Jul-26 14-Jul-26 17-Jul-26 22-Jul-26 29-Jul-26 12-Aug-26 19-Aug-26 02-Sep-26 02-Sep-26		OH ELECTRICAL ROUGHIN - Area 200 OH PLUMBING ROUGHIN - Area 200 INTERIOR METAL FRAMING - Area 200 OH FIRE SPRINKLER ROUGHIN - Area 200 OH HVAC EQUIPMENT, PIPING & INSUL - Area 200 IN-WALL PLUMBING - Area 200 IN-WALL ELECTRICAL - Area 200 OH PLUMBING INSUL - Area 200 I MEP ROUGH-IN INSPECTIONS - Area 200 WALL & BATT INSUL - Area 200 WALL & BATT INSUL - Area 200 PRIME & 1ST COAT PAINT - Area 200 INTERIOR STOREFRONTS - Area 200 CEILING GRID - Area 200 DROP GRID LIGHTING - Area 200 DROP GRID LIGHTING - Area 200

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

MetCon
Grouped by Phase / Building Area

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Project ID: Frink - 01F		<u> </u>		_		Report Date: 14-Mar-25 Data Date: 01-Feb-25					
y ID	D Activity Name		Start	Finish	2025	2026 2027					
2-034	400 ELECTRICAL TRIMOUT - Area 200	Days 5	04-Sep-26	11-Sep-26	Nov Dec Jan Feb Mar Apr May Jun Jul Aug	Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun BLECTRICAL TRIMOUT - Area 200					
2-034		5	04-Sep-26	11-Sep-26		☐ FIRE ALARM TRIMOUT - Area 200					
2-034		5	04-Sep-26	11-Sep-26	-	■ SECURITY TRIMOUT - Area 200					
2-03-		5	16-Sep-26	22-Sep-26		DROP CEILING PANELS - Area 200					
2-03-		5	21-Sep-26	25-Sep-26		CASEWORK - Area 200					
		5	·	•	.	DOORS & HARDWARE - Area 200					
2-035		-	23-Sep-26	29-Sep-26							
2-035		5	28-Sep-26	02-Oct-26		PLUMBING TRIMOUT - Area 200					
2-035		10	30-Sep-26	13-Oct-26		FINAL PAINT - Area 200					
2-035		10	07-Oct-26	20-Oct-26		CARPET / FLOORING - Area 200					
2-035		5	19-Oct-26	23-Oct-26	.	II PRE-CLEAN - Area 200					
2-036		5	02-Nov-26	06-Nov-26		METCON PUNCH - Area 200					
	EN & DINNING	30	13-Aug-26	24-Sep-26							
2-050		5	04-Sep-26	11-Sep-26		GOMMERCIAL KITCHEN HOODS - KITCHEN/					
2-050	020 SET COOLER & FREEZER - KITCHEN/DINING - Area 200	10	13-Aug-26	26-Aug-26		□ SET COOLER & FREEZER - KITCHEN/DINING -					
2-050	040 QUARRY TILE CARPET / FLOORING - KITCHEN/DINING - Area 200	10	27-Aug-26	10-Sep-26		□ QUARRY TÎLE CARPET / FLOORING - KI†CHI					
2-050	060 KITCHEN EQUIPMENT - KITCHEN/DINING - Area 200	10	11-Sep-26	24-Sep-26		KITCHEN EQUIPMENT - KITCHEN/DINING					
RESTR	OOMS	46	02-Jul-26	04-Sep-26							
2-040	000 METAL FRAME CEILINGS - RESTROOMS - Area 200	5	02-Jul-26	09-Jul-26		■ METAL FRAME CEILINGS - RESTROOMS - Area 200					
2-040	MEP OH HARD CEILING INSPECTION - RESTROOMS - Area 200	1	10-Jul-26	10-Jul-26		I MEP OH HARD CEILING INSPECTION - RESTROOMS -					
2-040	040 HANG, FINISH, & SAND GYPSUM (CEILING) - RESTROOMS - Area 200	5	30-Jul-26	05-Aug-26		☐ HANG, FINISH, & SAND GYPSUM (CEILING) - REST					
2-040	060 FLOOR & WALL TILE - RESTROOMS - Area 200	7	13-Aug-26	21-Aug-26		☐ FLOOR & WALL TILE - RESTROOMS - Area 200					
2-040	080 INSTALL TOILET & SINK - RESTROOMS - Area 200	5	24-Aug-26	28-Aug-26		☐ INSTALL TOILET & SINK - RESTROOMS - Area 2					
2-04	TOILET PARTITIONS & ACCESSORIES - RESTROOMS - Area 200	5	31-Aug-26	04-Sep-26		1 TOILET PARTITIONS & ACCESSORIES - REST					
BUILDIN	IG 600	164	26-Mar-26	13-Nov-26							
COORI	DOR & CLASSROOM	110	11-Jun-26	13-Nov-26							
6-030	000 OH HVAC DUCT ROUGHIN - Area 600	10	11-Jun-26	24-Jun-26		OH HVAC DUCT ROUGHIN - Area 600					
6-030	020 OH ELECTRICAL ROUGHIN - Area 600	10	16-Jun-26	29-Jun-26	1 1 1 1 1 1 1 1 1 1	OH ELECTRICAL ROUGHIN - Area 600					
6-030	040 OH PLUMBING ROUGHIN - Area 600	10	18-Jun-26	01-Jul-26	1	OH PLUMBING ROUGHIN - Area 600					
6-030	060 INTERIOR METAL FRAMING - Area 600	5	18-Jun-26	24-Jun-26		□ INTERIOR METAL FRAMING - Area 600					
6-030	080 OH FIRE SPRINKLER ROUGHIN - Area 600	10	22-Jun-26	06-Jul-26	1	OH FIRE SPRINKLER ROUGHIN - Area 600					
6-03		10	18-Jun-26	01-Jul-26	<u> </u>	OH HVAC EQUIPMENT, PIPING & INSUL - Area 600					
6-03		5	25-Jun-26	01-Jul-26		□ IN-WALL PLUMBING - Area 600					
6-03		5	30-Jun-26	07-Jul-26		□ IN-WALL ELECTRICAL - Area 600					
6-03		5	02-Jul-26	09-Jul-26		OH PLUMBING INSUL - Area 600					
6-03		1	08-Jul-26	08-Jul-26	1	I MEP ROUGH-IN INSPECTIONS - Area 600					
6-032		3	09-Jul-26	13-Jul-26	 	■ WALL& BATT INSUL - Area 600					
6-032		10	14-Jul-26	27-Jul-26	1	HANG, FINISH & SAND GYPSUM (WALLS) - Area 600					
6-032	· · · · · · · · · · · · · · · · · · ·	5	28-Jul-26	03-Aug-26	1 1 1 1 1 1 1 1 1 1	□ PRIME & 1ST COAT PAINT - Area 600					
6-032		5	04-Aug-26	10-Aug-26		☐ INTERIOR STOREFRONTS - Area 600					
6-032		7	04-Aug-26	10-Aug-20 12-Aug-26		☐ CEILING GRID - Area 600					
		7			 						
6-033		•	11-Aug-26	19-Aug-26		DROP GRID LIGHTING - Area 600					
6-033	DROP HVAC GRILLS & DIFFUSERS - Area 600	7	13-Aug-26	21-Aug-26		DROP HVAC GRILLS & DIFFUSERS - Area 600					

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

MetCon
Grouped by Phase / Building Area

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6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOC 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R		Work Days	Start	Finish	lov Dec Jan Feb Mar	2025	2026 2027 Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Ma
6-03360 MEP OH GRID INSPECT 6-03420 ELECTRICAL TRIMOUT 6-03440 SECURITY TRIMOUT - A 6-03460 FIRE ALARM TRIMOUT - A 6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - A 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - A 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area 600 6-03640 METCON PUNCH - Area 600 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOO 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05070 PERMANENT POWER A 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03040 OH PLUMBING ROUGH 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03160 OH FIRE SPRINKLER R 3-031100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03160 MEP ROUGH-IN INSPEC							
6-03360 MEP OH GRID INSPECT 6-03420 ELECTRICAL TRIMOUT 6-03440 SECURITY TRIMOUT - A 6-03460 FIRE ALARM TRIMOUT - A 6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - A 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - A 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOO 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3 3-03160 OH PLUMBING INSUL - 3 3-03180 MEP ROUGH-IN INSPEC		7	13-Aug-26	21-Aug-26	tor Boo our Foo Mar	Api Iway Juli Jul Aug S	DROP SPRINKLER HEADS - Area 600
6-03420 ELECTRICAL TRIMOUT 6-03440 SECURITY TRIMOUT 6-03460 FIRE ALARM TRIMOUT 6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03060 INTERIOR METAL FRAM 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		1	24-Aug-26	24-Aug-26			I MER OH GRID INSPECTIONS - Area 600
6-03440 SECURITY TRIMOUT - / 6-03460 FIRE ALARM TRIMOUT 6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05020 WATER HEATER & BOO 6-05040 HYDRONIC PUMPS - MIELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUGH 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03160 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	OUT - Area 600	5	25-Aug-26	31-Aug-26			☐ ELECTRICAL TRIMOUT - Area 600
6-03460 FIRE ALARM TRIMOUT 6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOO 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		5	25-Aug-26	31-Aug-26			■ SECURITY TRIMOUT - Area 600
6-03480 HVAC TRIMOUT - Area 6 6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOO 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03160 OH PLUMBING INSUL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		5	25-Aug-26	31-Aug-26	1 1		☐ FIREALARM TRIMOUT - Area 600
6-03500 DROP CEILING PANELS 6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOC 6-05120 INSTALL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03160 OH PLUMBING INSUL - 3-03140 IN-WALL ELECTRICAL - 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL -		5	25-Aug-26	31-Aug-26	1 1		☐ HVAC TRIMOUT - Area 600
6-03520 CASEWORK - Area 600 6-03540 PLUMBING TRIMOUT - 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MIELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER AI 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - AI 3-03140 IN-WALL ELECTRICAL - 3-03140 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		5	01-Sep-26	08-Sep-26			DROP CEILING PANELS - Area 600
6-03540 PLUMBING TRIMOUT 6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		5	16-Sep-26	22-Sep-26			CASEWORK - Area 600
6-03560 DOORS & HARDWARE 6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL -		5	23-Sep-26	29-Sep-26			☐ PLUMBING TRIMOUT - Area 600
6-03580 FINAL PAINT - Area 600 6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05120 INSTALL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03160 OH PLUMBING INSUL -		5	23-Sep-26	29-Sep-26			DOORS & HARDWARE - Area 600
6-03600 CARPET / FLOORING - 6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03160 OH PLUMBING INSUL -		-	•				
6-03620 PRE-CLEAN - Area 600 6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOC 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03060 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03160 OH PLUMBING INSUL -		10	28-Sep-26	09-Oct-26			FINAL PAINT - Area 600
6-03640 METCON PUNCH - Area MECHANICAL ROOMS 6-05000		8	07-Oct-26	16-Oct-26			CARPET / FLOORING - Area 600
MECHANICAL ROOMS		5	14-Oct-26	20-Oct-26			□ PRE-CLEAN - Area 600
6-05000 BOILERS & EXPANSION 6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOC 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	- Area 600	5	09-Nov-26	13-Nov-26			■ METCON PUNCH - Area 600
6-05020 WATER HEATER & BOC 6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOC 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03060 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		20	26-Mar-26	22-Apr-26	1		
6-05040 HYDRONIC PUMPS - MI ELECTRICAL & IT 6-05050 SET SWITCHGEAR, PAI 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	SION TANKS - MEP ROOM - Area 600	10	26-Mar-26	08-Apr-26	1	1 1 1 1 1	BOILERS & EXPANSION TANKS - MEP ROOM - Area 600
### Company of the co	BOOSTER PUMP - MEP ROOM - Area 600	5	02-Apr-26	08-Apr-26	1 1		WATER HEATER & BOOSTER PUMP - MEP ROOM + Area 600
6-05050 SET SWITCHGEAR, PAR 6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	S - MEP ROOM - Area 600	10	09-Apr-26	22-Apr-26			HYDRONIC PUMPS - MEP ROOM - Area 600
6-05060 SET PANELS & PULL EL 6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOO 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS & AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		115	15-Apr-26	25-Sep-26			
6-05070 PERMANENT POWER A 6-05080 SEAL CONCRETE FLOG 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS 8 AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	R, PANELS & PULL ELEC WIRE - MEP ROOM - Area 600	15	15-Apr-26	05-May-26			SET SWITCHGEAR, PANELS & PULL ELEC WIRE - MEP ROC
6-05080 SEAL CONCRETE FLOO 6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS 8 AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	LL ELEC WIRE - MEP ROOM - Area 600	15	06-May-26	27-May-26			SET PANELS & PULL ELEC WIRE - MEP ROOM - Area 600
6-05100 PULL DATA WIRE - MEP 6-05120 INSTALL DATA RACKS 8 AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	/ER AVAILABLE - MEP ROOM - Area 600	0	28-May-26				◆ PERMANENT POWER AVAILABLE - MEP ROOM - Area 60
6-05120 INSTALL DATA RACKS 8 AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	FLOORS - MEPROOM - Area 600	3	28-May-26	01-Jun-26			SEAL CONCRETE FLOORS - MEPROOM - Area 600
AREA 300 CLASSROOM 3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	MEP ROOM - Area 600	10	02-Jun-26	15-Jun-26			□ PULL DATA WIRE - MEP ROOM - Area 600
3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	CKS & TERMINATE WIRE - MEPROOM - Area 600	10	14-Sep-26	25-Sep-26			☐ INSTALL DATA RACKS & TERMINATE
3-03000 OH HVAC DUCT ROUG 3-03020 OH ELECTRICAL ROUG 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		123	04-May-26	26-Oct-26	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
3-03020 OH ELECTRICAL ROUGE 3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC		123	04-May-26	26-Oct-26	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
3-03040 OH PLUMBING ROUGH 3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	OUGHIN - Area 300	15	04-May-26	22-May-26	1 1		OH HVAC DUCT ROUGHIN - Area 300
3-03060 INTERIOR METAL FRAM 3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	ROUGHIN - Area 300	15	07-May-26	28-May-26			OH ELEÇTRIÇAL ROUĞHIN - Area 300
3-03080 OH FIRE SPRINKLER R 3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	UGHIN - Area 300	15	11-May-26	01-Jun-26			OH PLUMBING ROUGHIN - Area 300
3-03100 OH HVAC EQUIPMENT, 3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	FRAMING - Area 300	5	11-May-26	15-May-26			☐ INTERIOR METAL FRAMING - Area 300
3-03120 IN-WALL PLUMBING - A 3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	ER ROUGHIN - Area 300	15	13-May-26	03-Jun-26			OH FIRE SPRINKLER ROUGHIN - Area 300
3-03140 IN-WALL ELECTRICAL - 3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	ENT, PIPING & INSUL - Area 300	15	28-May-26	17-Jun-26			OH HVAC EQUIPMENT, PIPING & INSUL - Area 300
3-03160 OH PLUMBING INSUL - 3-03180 MEP ROUGH-IN INSPEC	G - Area 300	5	18-May-26	22-May-26			□ IN-WALL PLUMBING - Area 300
3-03180 MEP ROUGH-IN INSPEC	CAL - Area 300	5	21-May-26	28-May-26			□ IN-WALL ELECTRICAL - Area 300
	SUL - Area 300	10	26-May-26	08-Jun-26	1 1		OH PLUMBING INSUL - Area 300
	ISPECTIONS - Area 300	1	18-Jun-26	18-Jun-26		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I MEP ROUGH-IN INSPECTIONS - Area 300
	JL - Area 300	3	19-Jun-26	23-Jun-26			■ WALL & BATT INSUL - Area 300
	AND GYPSUM (WALLS) - Area 300	5	24-Jun-26	30-Jun-26			☐ HANG, FINISH & SAND GYPSUM (WALLS) - Area 30
3-03240 PRIME & 1ST COAT PAII		10	01-Jul-26	15-Jul-26			PRIME & 1ST COAT PAINT - Area 300
3-03260 INTERIOR STOREFROM		5	16-Jul-26	22-Jul-26			■ INTERIOR STOREFRONTS - Area 300
3-03280 CEILING GRID - Area 30		10	16-Jul-26	29-Jul-26			☐ CEILING GRID - Area 300

Actual Work

Critical Remaining Work

Remaining Work

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Project ID: Frink - 01F						Report Date: 14-Mar-25 Data Date: 01-Feb-25						
ivity ID	/ ID Activity Name		Work Days	Start	Finish	2025	2026 2027					
	2 02200	DDOD CDID LICHTING Area 200		22 141 26	0F Aug 26	ov Dec Jan Feb Mar Apr May Jun Jul Aug Se	p Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Ju					
	3-03300	DROP GRID LIGHTING - Area 300	10	23-Jul-26	05-Aug-26		DROP GRID LIGHTING - Area 300					
	3-03320	DROP HVAC GRILLS & DIFFUSERS - Area 300	5	30-Jul-26	05-Aug-26		DROP HVAC GRILLS & DIFFUSERS - Area 300					
	3-03340	DROP SPRINKLER HEADS - Area 300	5	30-Jul-26	05-Aug-26		DROP SPRINKLER HEADS - Area 300					
	3-03360	MEP OH GRID INSPECTIONS - Area 300	1	06-Aug-26	06-Aug-26		I MEP OH GRID INSPECTIONS - Area 300					
	3-03380	HVAC TRIMOUT - Area 300	5	07-Aug-26	13-Aug-26		☐ HVAC TRIMOUT - Area 300					
	3-03400	ELECTRICAL TRIMOUT - Area 300	10	07-Aug-26	20-Aug-26		ELECTRICAL TRIMOUT - Area 300					
	3-03420	FIRE ALARM TRIMOUT - Area 300	5	07-Aug-26	13-Aug-26		☐ FIRE ALARM TRIMOUT - Area 300					
	3-03440	SECURITY TRIMOUT - Area 300	5	07-Aug-26	13-Aug-26		□ SECURITY TRIMOUT - Area 300					
	3-03460	DROP CEILING PANELS - Area 300	5	16-Sep-26	22-Sep-26		□ DROP CEILING PANELS - Area 300					
	3-03480	CASEWORK - Area 300	5	21-Sep-26	25-Sep-26		CASEWORK - Area 300					
	3-03500	DOORS & HARDWARE - Area 300	5	21-Sep-26	25-Sep-26		DOORS & HARDWARE - Area 300					
	3-03520	PLUMBING TRIMOUT - Area 300	5	28-Sep-26	02-Oct-26		D PLUMBING TRIMOUT - Area 300					
	3-03540	FINAL PAINT - Area 300	10	28-Sep-26	09-Oct-26		FINAL PAINT - Area 300					
	3-03560	CARPET / FLOORING - Area 300	9	06-Oct-26	16-Oct-26		☐ CARPET / FLOORING - Area 300					
	3-03580	PRE-CLEAN - Area 300	5	15-Oct-26	21-Oct-26		☐ PRE-CLEAN - Area 300					
	3-03600	METCON PUNCH - Area 300	5	20-Oct-26	26-Oct-26		☐ METCON PUNCH - Area 300					
	ELECTRICAL 8	\$ IT	38	16-Jul-26	08-Sep-26							
	3-05000	SET PANELS & PULL ELEC WIRE - Area 300	15	16-Jul-26	05-Aug-26		SET PANELS & PULL ELEC WIRE - Area 300					
	3-05020	SEAL CONCRETE FLOORS - Area 300	3	06-Aug-26	10-Aug-26		■ SEAL CONCRETE FLOORS - Area 300					
	3-05040	PULL DATA WIRE - Area 300	10	11-Aug-26	24-Aug-26		PULL DATA WIRE - Area 300					
	3-05060	INSTALL DATA RACKS & TERMINATE WIRE - Area 300	10	25-Aug-26	08-Sep-26		☐ INSTALL DATA RACKS & TERMINATE WIRE - Area					
	ADMIN, ADMIN	I & 340 BATHROOM	28	01-Jul-26	10-Aug-26							
	3-04000	METAL FRAME CEILINGS - RESTROOMS - Area 300	5	01-Jul-26	08-Jul-26		☐ METAL FRAME CEILINGS - RESTROOMS - Area 300					
	3-04020	MEP OH HARD CEILING INSPECTION - RESTROOMS - Area 300	1	09-Jul-26	09-Jul-26		I MEP OH HARD CEILING INSPECTION - RESTROOMS - Are					
	3-04040	HANG, FINISH, & SAND GYPSUM (CEILING) - RESTROOMS - Area 300	5	10-Jul-26	16-Jul-26		☐ HANG, FINISH, & SAND GYPSUM (CEILING) - RESTROOI					
	3-04060	FLOOR & WALL TILE - RESTROOMS - Area 300	7	17-Jul-26	27-Jul-26		☐ FLOOR & WALL TILE - RESTROOMS - Area 300					
	3-04080	INSTALL TOILET & SINK - RESTROOMS - Area 300	5	28-Jul-26	03-Aug-26		☐ INSTALL TOILET & SINK - RESTROOMS - Area 300					
	3-04100	TOILET PARTITIONS & ACCESSORIES - RESTROOMS - Area 300	5	04-Aug-26	10-Aug-26		□ TOILET PARTITIONS & ACCESSORIES - RESTROOM					
_	AREA 400		106	04-Jun-26	02-Nov-26							
	COORIDOR &	CLASSROOM	106	04-Jun-26	02-Nov-26							
	4-03000	OH HVAC DUCT ROUGHIN - Area 400	15	04-Jun-26	24-Jun-26		OH HVAC DUCT ROUGHIN - Area 400					
	4-03020	OH ELECTRICAL ROUGHIN - Area 400	15	09-Jun-26	29-Jun-26		OH ELECTRICAL ROUGHIN - Area 400					
	4-03040	OH PLUMBING ROUGHIN - Area 400	15	11-Jun-26	01-Jul-26		OH PLUMBING ROUGHIN - Area 400					
		INTERIOR METAL FRAMING - Area 400	5	11-Jun-26	17-Jun-26		□ INTERIOR METAL FRAMING - Area 400					
	4-03060				5411 20		a principal prin					
	4-03060 4-03080			15lun-26	06lul-26							
Ш	4-03080	OH FIRE SPRINKLER ROUGHIN - Area 400	15	15-Jun-26	06-Jul-26		OH FIRE SPRINKLER ROUGHIN - Area 400					
Ш	4-03080 4-03100	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400	15 15	18-Jun-26	09-Jul-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400					
II	4-03080 4-03100 4-03120	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400	15 15 5	18-Jun-26 18-Jun-26	09-Jul-26 24-Jun-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400					
II	4-03080 4-03100 4-03120 4-03140	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400	15 15 5 5	18-Jun-26 18-Jun-26 23-Jun-26	09-Jul-26 24-Jun-26 29-Jun-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400					
	4-03080 4-03100 4-03120 4-03140 4-03160	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400	15 15 5 5	18-Jun-26 18-Jun-26 23-Jun-26 25-Jun-26	09-Jul-26 24-Jun-26 29-Jun-26 09-Jul-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400					
	4-03080 4-03100 4-03120 4-03140 4-03160 4-03180	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400 MEP ROUGH-IN INSPECTIONS - Area 400	15 15 5 5 10	18-Jun-26 18-Jun-26 23-Jun-26 25-Jun-26 10-Jul-26	09-Jul-26 24-Jun-26 29-Jun-26 09-Jul-26 10-Jul-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400 MEP ROUGH-IN INSPECTIONS - Area 400					
	4-03080 4-03100 4-03120 4-03140 4-03160	OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400	15 15 5 5	18-Jun-26 18-Jun-26 23-Jun-26 25-Jun-26	09-Jul-26 24-Jun-26 29-Jun-26 09-Jul-26		OH FIRE SPRINKLER ROUGHIN - Area 400 OH HVAC EQUIPMENT, PIPING & INSUL - Area 400 IN-WALL PLUMBING - Area 400 IN-WALL ELECTRICAL - Area 400 OH PLUMBING INSUL - Area 400					

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

MetCon
Grouped by Phase / Building Area

Filter List: TASK filter: All Activities Layout: Frink - WBS Page 16 of 19

Project ID: Frink - 01F ty ID Activity Name		Ott	Finish		0	005			Report Date: 14			
ame	Work Days	Start		Nov Dec Jan Eeb Mar A		025	ıa Sen Oct	t Nov Dec		2026	2027 Nov Dec Jan Feb Mar Apr May Jun	
1ST COAT PAINT - Area 400	10	23-Jul-26	05-Aug-26	NOV Dec Jan I eb Mai F	pi iviay Juli	1 301 70	ig Sep Oc	i Nov Dec	Jan reb Mai Apr May 3u		COAT PAINT - Area 400	
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GRID - Area 400	7	06-Aug-26	14-Aug-26					1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CEILING GI	RID - Area 400	
RID LIGHTING - Area 400	7	13-Aug-26	21-Aug-26	1 1 1			1	1 1		□ DROP GR	D LIGHTING - Area 400	
AC GRILLS & DIFFUSERS - Area 400	5	17-Aug-26	21-Aug-26							-	C GRILLS & DIFFUSERS - Area 400	
PRINKLER HEADS- Area 400	5	17-Aug-26	21-Aug-26								RINKLER HEADS- Area 400	
GRID INSPECTIONS - Area 400	1	24-Aug-26	24-Aug-26							1 1	RID INSPECTIONS - Area 400	
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RM TRIMOUT - Area 400	5	25-Aug-26	31-Aug-26							-	RM TRIMOUT - Area 400	
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RK - Area 400	5	18-Sep-26	24-Sep-26							1 1 1	WORK - Area 400	
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PUNCH - Area 400	5	27-Oct-26	02-Nov-26			1					METCON PUNCH - Area 400	
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RAME CEILINGS - RESTROOMS - Area 400	28	06-Aug-26	15-Sep-26							D METAL EDA	ME CEILINGS - RESTROOMS - Area 40	
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HARD CEILING INSPECTION - RESTROOMS - Area 400	1	13-Aug-26	13-Aug-26	1 1 1		1	1 1 1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ISH, & SAND GYPSUM (CEILING) - RE	
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TOILET & SINK - RESTROOMS - Area 400	5	01-Sep-26	08-Sep-26								TOILET & SINK - RESTROOMS - Area	
ARTITIONS & ACCESSORIES - RESTROOMS - Area 400	5	09-Sep-26	15-Sep-26							□ TOILE	T PARTITIONS & ACCESSORIES - RES	
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TRICAL ROUGHIN - Area 500	15	02-Jul-26	23-Jul-26		1 1	1	1	1 1 1 1 1 1			L ROUGHIN - Area 500	
IBING ROUGHIN - Area 500	15	07-Jul-26	27-Jul-26		1 1	1	1	1 1			ROUGHIN - Area 500	
R METAL FRAMING - Area 500	5	07-Jul-26	13-Jul-26		1 1	1		1 1			FRAMING - Area 500	
SPRINKLER ROUGHIN - Area 500	15	09-Jul-26	29-Jul-26								NKLER ROUGHIN - Area 500	
EQUIPMENT, PIPING & INSUL - Area 500	15	14-Jul-26	03-Aug-26			.					UIPMENT, PIPING & INSUL - Area 500	
PLUMBING - Area 500	5	14-Jul-26	20-Jul-26		1 1							
ELECTRICAL - Area 500	5	17-Jul-26	23-Jul-26		1 1							
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Actual Work

Critical Remaining Work

Remaining Work

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		Project ID: Frink - 01F								Rep	ort Date: 14-Ma	r-25 Data Date:	01-Feb-25
ity ID		Activity Name	Work Days	Start	Finish	Novel Day Lond Earl Mary Ave LA	2025	14	<u> </u>		2026		2027
	5-03180	MEP ROUGH-IN INSPECTIONS - Area 500	1	04-Aug-26	04-Aug-26	Nov Dec Jan Feb Mar Apr M	iay Jun Jui	Aug Sep Oc	t Nov Dec	Jan Feb Mar A	pr [way Jun Ju	MEP ROUGH-IN INSP	
	5-03200	WALL & BATT INSUL - Area 500	3	05-Aug-26	07-Aug-26							WALL & BATT INSUL -	
	5-03220	HANG, FINISH & SAND GYPSUM (WALLS) - Area 500	5	10-Aug-26	14-Aug-26								D GYPSUM (WALLS) - Area 500
	5-03240	PRIME & 1ST COAT PAINT - Area 500	10	17-Aug-26	28-Aug-26							PRIME & 1ST COA	
	5-03240	INTERIOR STOREFRONTS - Area 500	5	_	04-Sep-26								EFRONTS - Area 500
				31-Aug-26									
	5-03280	CEILING GRID - Area 500	7	31-Aug-26	09-Sep-26							CEILING GRID -	1 1 1
	5-03300	DROP GRID LIGHTING - Area 500	7	08-Sep-26	16-Sep-26							DROP GRID LI	
	5-03320	DROP HVAC GRILLS & DIFFUSERS - Area 500	5	10-Sep-26	16-Sep-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	: :	1 1			RILLS & DIFFUSERS - Area 500
	5-03340	DROP SPRINKLER HEADS- Area 500	5	10-Sep-26	16-Sep-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ER HEADS- Area 500
	5-03360	MEP OH GRID INSPECTIONS - Area 500	1	17-Sep-26	17-Sep-26		:		: :	1 1			INSPECTIONS - Area 500
	5-03380	HVAC TRIMOUT - Area 500	5	18-Sep-26	24-Sep-26		:					□ HVAC TRIMO	JT - Area 500
	5-03400	ELECTRICAL TRIMOUT - Area 500	5	18-Sep-26	24-Sep-26				: : : : : :	1 1		□ ELECTRICAL	TRIMOUT - Area 500
	5-03420	FIRE ALARM TRIMOUT - Area 500	5	18-Sep-26	24-Sep-26				i i i	1 1		☐ FIREALARM	RIMOUT - Area 500
	5-03440	SECURITY TRIMOUT - Area 500	5	18-Sep-26	24-Sep-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	■ SECURITY TF	IMOŲT - Ārea 500
	5-03460	DROP CEILING PANELS - Area 500	4	25-Sep-26	30-Sep-26		:		: :	1 1		■ DROP CEILII	IG PANELS - Area 500
	5-03480	CASEWORK - Area 500	5	29-Sep-26	05-Oct-26		:		: :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CASEWOR	- Area 500
	5-03500	PLUMBING TRIMOUT - Area 500	5	01-Oct-26	07-Oct-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	☐ PLUMBING	TRIMOUT - Area 500
	5-03520	DOORS & HARDWARE - Area 500	5	01-Oct-26	07-Oct-26	1 1 1 1 1 1		1 1 1	-	1 1	·	DOORS&H	ARDWARE - Area 500
	5-03540	FINAL PAINT - Area 500	10	06-Oct-26	19-Oct-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1	1 1	☐ FINAL PAI	NT - Area 500
	5-03560	CARPET / FLOORING - Area 500	8	15-Oct-26	26-Oct-26		:			1 1		☐ CARPET	/ FLOORING - Area 500
	5-03580	PRE-CLEAN - Area 500	4	23-Oct-26	28-Oct-26				1 1	1 1		PRE-CLI	AN - Area 500
	5-03600	METCON PUNCH - Area 500	5	03-Nov-26	09-Nov-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		■ METC	DN PUNCH - Area 500
	ELECTRICAL &	LIT	35	31-Aug-26	19-Oct-26								
	5-05000	SET PANELS & PULL ELEC WIRE - Area 500	10	31-Aug-26	14-Sep-26		:	1 1 1 1 1 1 1 1		1 1	1 1 1 1 1 1 1	set panels &	PULL ELEC WIRE - Area 500
	5-05020	SEAL CONCRETE FLOORS - Area 500	5	15-Sep-26	21-Sep-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1		□ SEAL CONCR	TE FLOORS - Area 500
	5-05040	PULL DATA WIRE - Area 500	10	22-Sep-26	05-Oct-26					1 1		PULL DATA	VIRE - Area 500
	5-05060	INSTALL DATA RACKS & TERMINATE WIRE - Area 500	10	06-Oct-26	19-Oct-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		■ INSTALL I	DATA RACKS & TERMINATE WIR
	ADMIN & ADMI	N BATHROOM	46	14-Jul-26	16-Sep-26			1 1 1		1 1			
	5-04000	METAL FRAME CEILINGS - RESTROOMS - Area 500	5	14-Jul-26	20-Jul-26							METAL FRAME CEILING	- RESTROOMS - Area 500
	5-04020	MEP OH HARD CEILING INSPECTION - RESTROOMS - Area 500	1	21-Jul-26	21-Jul-26		:	1 1	: :	1 1		I MEP OH HARD CEILING	INSPECTION - RESTROOMS - A
	5-04040	HANG, FINISH, & SAND GYPSUM (CEILING) - RESTROOMS - Area 500	5	17-Aug-26	21-Aug-26		:		: : : :	1 1		HANG, FINISH, & S	AND GYPSUM (CEILING) - REST
	5-04060	FLOOR & WALL TILE - RESTROOMS - Area 500	7	24-Aug-26	01-Sep-26		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1		☐ FLOOR & WALL T	ILE - RESTROOMS - Area 500
	5-04080	INSTALL TOILET & SINK - RESTROOMS - Area 500	5	02-Sep-26	09-Sep-26	·		1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				& SINK - RESTROOMS - Area 5
	5-04100	TOILET PARTITIONS & ACCESSORIES - RESTROOMS - Area 500	5	10-Sep-26	16-Sep-26		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1	1 1		IONS & ACCESSORIES - REST
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		MMICCIONING	60	15-Sep-26	09-Dec-26								
		MMISSIONING		·								T TECT & DALA	NOT IN A COMME
	F-01000	TEST & BALANCE HVAC - (TESTING & COMMISSIONING)	10	15-Sep-26	28-Sep-26	ļļ							NCE HVAC - (TESTING & COMN
	F-01060	FIRE ALARM TESTING - (TESTING & COMMISSIONING)	3	02-Dec-26	04-Dec-26								REALARM TESTING - (TESTING
	F-01100	FIRE PROTECTION TESTING - (TESTING & COMMISSIONING)	3	07-Dec-26	09-Dec-26			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1			RE PROTECTION TESTING - (1
	NAL INSPEC		23	19-Nov-26	23-Dec-26								
	F-01120	FINAL HVAC - (FINAL INSPECTIONS)	3	19-Nov-26	23-Nov-26								L HVAC - (FINAL INSPECTIONS
	F-01140	FINAL PLUMBING - (FINAL INSPECTIONS)	2	23-Nov-26	24-Nov-26			1 1		1 1		I FIN	AL PLUMBING - (FINAL INSPECT
	Remaining Level of I				Me	tCon						: TASK filter: All Activities ayout: Frink - WBS	

Actual Work

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Remaining Work

Layout: Frink - WBS Page 18 of 19

		Project ID: Frink - 01F											Report Date: 14-Mar-25 Data Date: 01-Feb-25						
ctivity ID)	Activity Name	Work	Start	Finish		2025				•		2026				2027		
			Days			Nov Dec	Jan F	eb Mar	Apr May Jur	Jul Aug Sep	Oct Nov	Dec Jan Fe	eb Mar Apr May Jun Jul Aug Sep C			ıg Sep Oct I	Nov Dec Jan Feb Mar	Apr May Jun Jul	
	F-01160	FINAL ELECTRICAL - (FINAL INSPECTIONS)	2	30-Nov-26	01-Dec-26	1		1	1 1				1				FINAL ELECTRICA	AL - (FINAL INSPEC	
	F-01200	FINAL HEALTH DEPT KITCHEN - (FINAL INSPECTIONS)	3	17-Dec-26	21-Dec-26	:		! ! !	1 1	1 1 1 1 1 1 1 1	:	1 1	1	1 1	:		I FINAL HEALTH	DEPT KITCHEN - (
	F-01240	FINAL LIFE SAFETY - (FINAL INSPECTIONS)	2	22-Dec-26	23-Dec-26	1 1 1		1 1 1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1	I FINAL LIFE SA	FETY - (FINAL INSF	
_	PUNCHLIST		26	16-Nov-26	23-Dec-26							1	1						
	F-01040	FINAL METCON PUNCHOUT - (PUNCHLIST)	10	16-Nov-26	01-Dec-26							1	:				FINAL METCON P	UNCHOUT - (PUNC	
	F-01180	FINAL OWNER & ARCHITECT PUNCHOUT - (PUNCHLIST)	10	10-Dec-26	23-Dec-26				1 1				;	1 1			FINAL OWNER	R & ARCHITECT PU	
	DOCUMENT	ATION	25	17-Nov-26	23-Dec-26	1 1		1 1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1			
	F-01020	OPERATION & MAINTENANCE MANUALS - (DOCUMENTATION)	25	17-Nov-26	23-Dec-26				1 1			1					OPERATION &	MAINTENANCE MA	
	F-01080	AS-BUILTS - (DOCUMENTATION)	20	24-Nov-26	23-Dec-26												AS-BUILTS - (OCUMENTATION)	
	F-01220	WARRANTIES - (DOCUMENTATION)	5	17-Dec-26	23-Dec-26												■ WARRANTIES	- (DOCUMENTATIO	

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

◆ Milestone

MetCon
Grouped by Phase / Building Area

Filter List: TASK filter: All Activities Layout: Frink - WBS Page 19 of 19

ADDENDUM NO.2 - March 20, 2025

Project: EB Frink Middle School

405 North Charles Street

LaGrange, North Carolina, 28551

From: SfL+a Architects

333 Fayetteville Street, Suite 225 Raleigh, North Carolina 27601 (919) 573-6350 FAX (919) 573-6355

To: Prospective Bidders



This Addendum forms a part of the Contract Documents and modifies the original Construction Documents dated March 20, 2025, as noted below. Acknowledge receipt of this Addendum by writing its number and date on the Bid Form. Failure to do so may subject the bidder to disqualification.

This Addendum consists of 5 pages of responses, 8 pages of specifications and 18 pages of drawings.

CONTRACTOR BID QUESTIONS – From CM RFI Log

- Item #1. Question: In reference to the Control joint on S-301 detail 14, shows CJ at columns but none are shown on the Slab Plan. Please provide a drawing showing CJ around Columns to insure the CJ are in the correct location.
 - Answer: Column diamonds have been added to the slab plan. Control joints have been shifted slightly to align with diamonds.
- Item #4. **Question:** Need extended column lines from north to south on Structural and Architectural
 - Answer: Column lines have been extended on structural and architectural plans.
- Item #5. Question: I- Beams in area 600,300,400,500 do not show TOS elevations
 - Answer: TOS elevations have been added to steel in areas 300, 400, 500, 600.
- Item #6. **Question:** In lieu of the front miscellaneous steel angle on the perimeter roof edge / face of the building. We suggest using metal framing
 - Answer: If this is referring to detail 9/S-402 then it is acceptable to replace the L6x4x3/8 steel angle with a heavy gage cold form angle. The cold form angle must be sufficiently attached to the steel plate at the top of the wall.
- Item #8. Question: No electrical floor box dimensions.
 - Answer: Electrical floor boxes have been dimensioned.
- Item #19. **Question:** Please provide EOS dimensions, Center of footing dimensions off column lines, Center of columns in reference to column lines.
 - Answer: Footing centerline and EOS dimensions have been added.
- Item #28. Question: In reference to detail 6 S-302 "Detail At Low Concrete Wall" it shows CMU below grade with a concrete beam on top. We suggest the entire wall be concrete from a constructability stand point.
 - Answer: The entire wall has been changed to concrete.

- Item #29. **Question:** In reference to the bearing plate schedule, bearing plates do not show any nelson studs the drawings do show anchor rods in the "Beam Bearing Detail" is this correct? We suggest Nelson studs for CMU bearing.
 - Answer: We do not want to use nelson studs for these bearing plates because we need to allow form some slight movement caused by thermal expansion..
- Item #30. **Question:** In reference to detail 17 on A-432, the CMU wall and top of footing needs fluid applied water proofing to alleviate water intrusion.
 - Answer: We do not see this as a concern for water intrusion. Install wall as shown with vapor barriers as indicated.
- Item #31. **Question:** Exterior Painting RFI: Based on Specs: 09.90.00, Drawings A201-A211 Are BRK 1 -2, FMP 1-4, & FMS-1 callouts manufactured or do all of these callouts need to be painted?
 - Answer: All exterior finishes are to be manufactured finish. Not painted in field unless noted otherwise for example touch ups as required by specs.
- Item #32. **Question:** Exterior Painting RFI: Based on Specs: 09.90.00, Drawings A201-A211 Is there any exterior painting?
 - Answer: No. There is no exterior paint. All MTL panels will have shop applied finishes.
- Item #33. **Question:** Ceiling Painting: (A-514 516) The blank spaces in the RCP plans, are those to be painted as well?
 - Answer: Question is unclear. If the question is regarding areas that are exposed to structure on the RCPs, refer to general note 3 on the RCP legend that states all exposed structure to be painted. If the question is regarding a ceiling detail found on the sheets referenced in the RFI, please clarify.
- Item #40. **Question:** I can't find any expansion joints larger than 1" on the drawings, and these would not get metal covers. Can you confirm that there are no expansion joints on the project that would require metal covers?
 - Answer: Not yet answered.
- Item #36. **Question:** Regarding detail 1/a502, what is the top of wall here? This is not shown on the grading plan.
 - Answer: Refer to detail 1/A-502 for elevation above finish grade. Signs approximate location is indicated on page C3.1 by note 16. Contractor to coordinate exact location in field with architect. Coordinate power as indicated on E-010.
- Item #38. Question: Reference detail 1/a501. SEC is requesting to use 3 inch Rigid insulation below FF on entire project with grout fill and damproofing in place of the spray foam noted on the drawings for constructability purposes. Using Rigid will ensure the cavity between brick veneer ledge and CMU is full and dry before the veneer is constructed at a later date. This is typical on most jobs to use this method. Water always poses a problem with spraying the foam later. The CMU has to be dry and able to receive the spray foam, please advise.
 - Answer: Install as drawn. This is not an acceptable alternate. Coordinate sequence with other subs. Metcon to coordinate.
- Item #39. **Question:** In the specifications division 1 there are allowances given for the two brick colors, but in division 4 they have specified what those two brick colors are. Should we get pricing from the vendor or just use the allowances?

- Answer: Contact the vender.
- Item #41. Question: Please provide dimensions for bollards off building face.
 - Answer: Not yet answered.
- Item #49. **Question:** Details 3 & 4/A-311 appear to show spray foam insulation at the underside of the hollow core planks. The same spray foam is not shown on other HC plank details. Please confirm requirements of spray foam insulation at underside of hollow core planks.
 - Answer: This is not spray foam. This is the bottom side of the hollow core in the distance due to the slope of the planks.
- Item #50. Question: Door 607 is not shown in the Door Schedule on A/601. Please update.
 - Answer: Revision made. See revised drawings.
- Item #51. **Question:** Details 3 & 4/A-311 appear to show spray foam insulation at the underside of the hollow core planks. The same spray foam is not shown on other HC plank details. Please confirm requirements of spray foam insulation at underside of hollow core planks.
 - Answer: This is not spray foam. This is the bottom side of the hollow core in the distance due to the slope of the planks.
- Item #52. **Question:** Please provide cut detail on the Roof Framing Plan-Area 200 at column line J between intersecting column line 5 and 8 at the W beams.
 - Answer: A detail for this section cut has been added to the revised drawings. See new detail 15/S-402
- Item #53. **Question:** Please provide a detail where brick meets metal panel wall at south at canopy column and at front entrance
 - Answer: Not yet answered.
- Item #56. **Question:** Sheet A-102 This sheet indicates control joint locations using a "CJ" abbreviation with an arrow pointing to a red line. There are many locations that just provide a red line. Should these locations be considered the same as the locations that include the "CJ" abbreviation and arrow?
 - Answer: Not yet answered.
- Item #57. Question: Sheet A-010 Detail 2/A-010 In regard to the Zee Anchors (rigid partition anchors), we concur with using zee anchors at the corners and tee's and this is in agreement with Specification 04 20 00 Section 3.3 Installation:K. They are also shown to occur at straight wall (butt) control joint locations (see snippet). Is this correct? Additional information pertaining to this question is as follows: Specification 04 20 00 Section 3.3 Installation:P:2&3 this narrative contradicts the aforementioned (butt) control joint details by stating the following: (2)"Do not continue horizontal joint reinforcement through expansion joints" (the strap seems to contradict the this break in reinforcement). (3) "Install preformed control and expansion joint device in continuous lengths. These preformed devices are not shown in the detail and the zee/strap/partition anchors would interfere with the installation of these devices. Specification 04 20 00 Section 3.3 Installation:K. only calls out the Zee Anchors (rigid partition/strap anchors) at "Reinforced joint corners and intersections with ... anchors 16 inches OC."
 - Answer: Not yet answered.
- Item #58. Question: Sheets A111 thru A116 Bullnose CMU outside corners are indicated with small black dot/circles placed directly at the outside corners that require this condition. This is per the floor plan legend shown on each sheet. There are many CMU outside corners that are

not marked with this dot. Do all of the CMU outside corners receive the bullnose condition or does the bullnose condition only occur where these dot symbols are shown?

• Answer: Only where dots occur. We will complete an internal review and provide revisions if needed.

CHANGES TO SPECIFICATIONS

SECTION 09 65 00 RESILIENT FLOORING

Item #1. Section 1.6 Mockups: updated mockup requirements. Item #2. Section1.9 Warranty: updated warranty requirements.

Item #3. Section 2.1 Performance Requirements: Added static load limit

CHANGES TO DRAWINGS

Architectural

A-101

1. Column lines extended on sheet.

A-102

1. Column lines extended on sheet.

A-111

- 1. Column lines extended on sheet.
- 2. Placement of electrical floor boxes called out and dimensioned. Symbol added to floor plan legend.
- 3. Added CMU to support platform opening. See structural.
- 4. Added bullnose CMU location to locker room entries.

<u>A-112</u>

- 1. Column lines extended on sheet.
- 2. Placement of electrical floor boxes called out and dimensioned. Symbol added to floor plan legend.

A-116

1. Column lines extended on sheet.

<u>A-117</u>

1. Column lines extended on sheet.

A-601

1. Updated door schedule.

Structural

S-101

1. Added dimensions to help locate center of footings and columns in relation to grid lines.

S-111

- 1. Added 8" CMU return to each end of stage opening at the gym.
- 2. Adjusted control joints and column diamonds at main entrance.

<u>S-121</u>

1. Added edge of slab dimension to W18x40 beam at mechanical platform above lobby.

S-122

1. Added W8x24 to support edge of stair landing at mechanical platform.

- 2. Added bottom of steel elevation to detail 5/S-122.
- S-132
 - 1. Updated steel beam sizes and lengths along GL J between GL 5 & 8.
 - 2. Added tags for beam size and elevation to W24x68 beam at intersection of GL K and GL 11.
- <u>S-133</u>
 - 1. Added tags for beam size and elevation along GL 2.
- S-134
 - 1. Added tags for beam size and elevation along GL 6.
- S-135
 - 1. Added tags for beam size and elevation along GL 10.
- <u>S-136</u>
- 1. Added tags for beam size and elevation to beams supporting 10" hollowcore planks.
- <u>S-302</u>
- 1. Removed CMU from detail 6/S-302. The low concrete wall is now entirely concrete.
- <u>S-402</u>
 - 1. Added detail to show section at truss bearing on steel beam.

END OF ADDENDUM

A-101 SCALE: 1/16" = 1'-0"

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 No.
 Date
 Description

 3
 03/20/2025
 BID ADDENDUM 2
 02/18/2025

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OVERALL PLAN

30'-0"

OVERALL FIRST FLOOR PLAN

A-102 SCALE: 1/16" = 1'-0"

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CERT. NO. 38 CERT. NO. 3

Construction Document

EB Frink Middle School

ENERGY STAR PARTNER

No. Date Description
3 03/20/2025 BID ADDENDUM 2

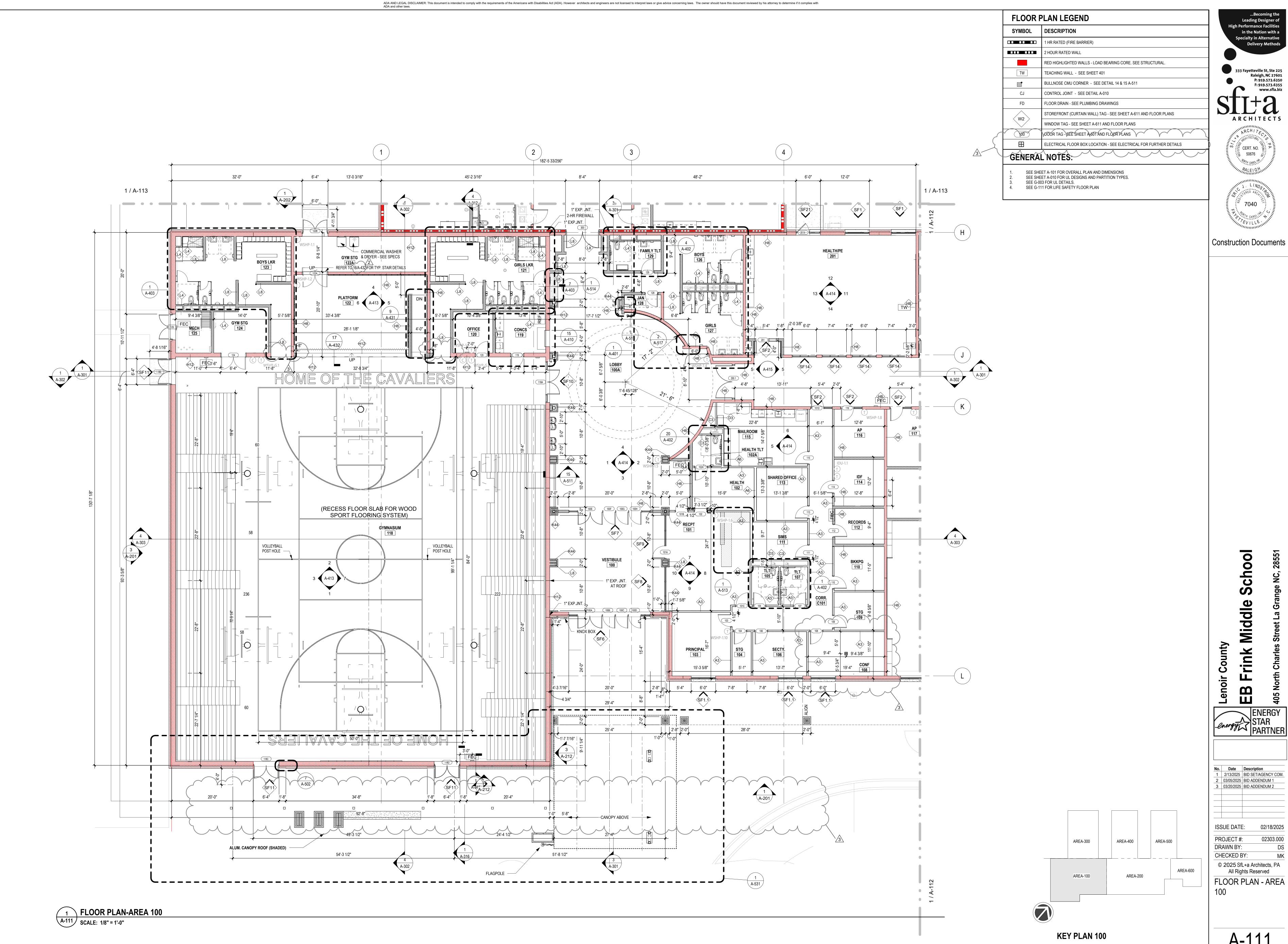
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OVERALL PLAN CONTROL JOINTS

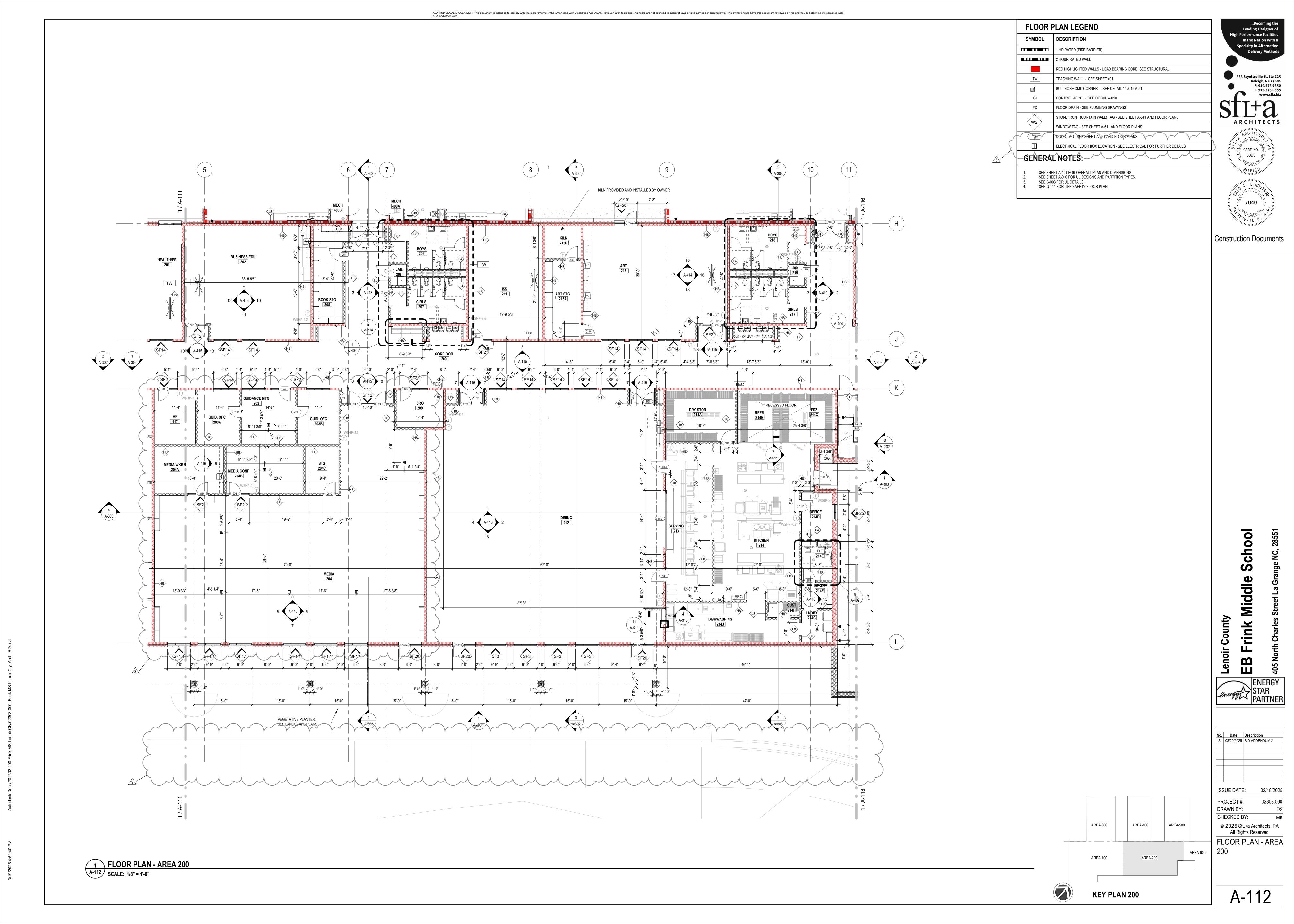


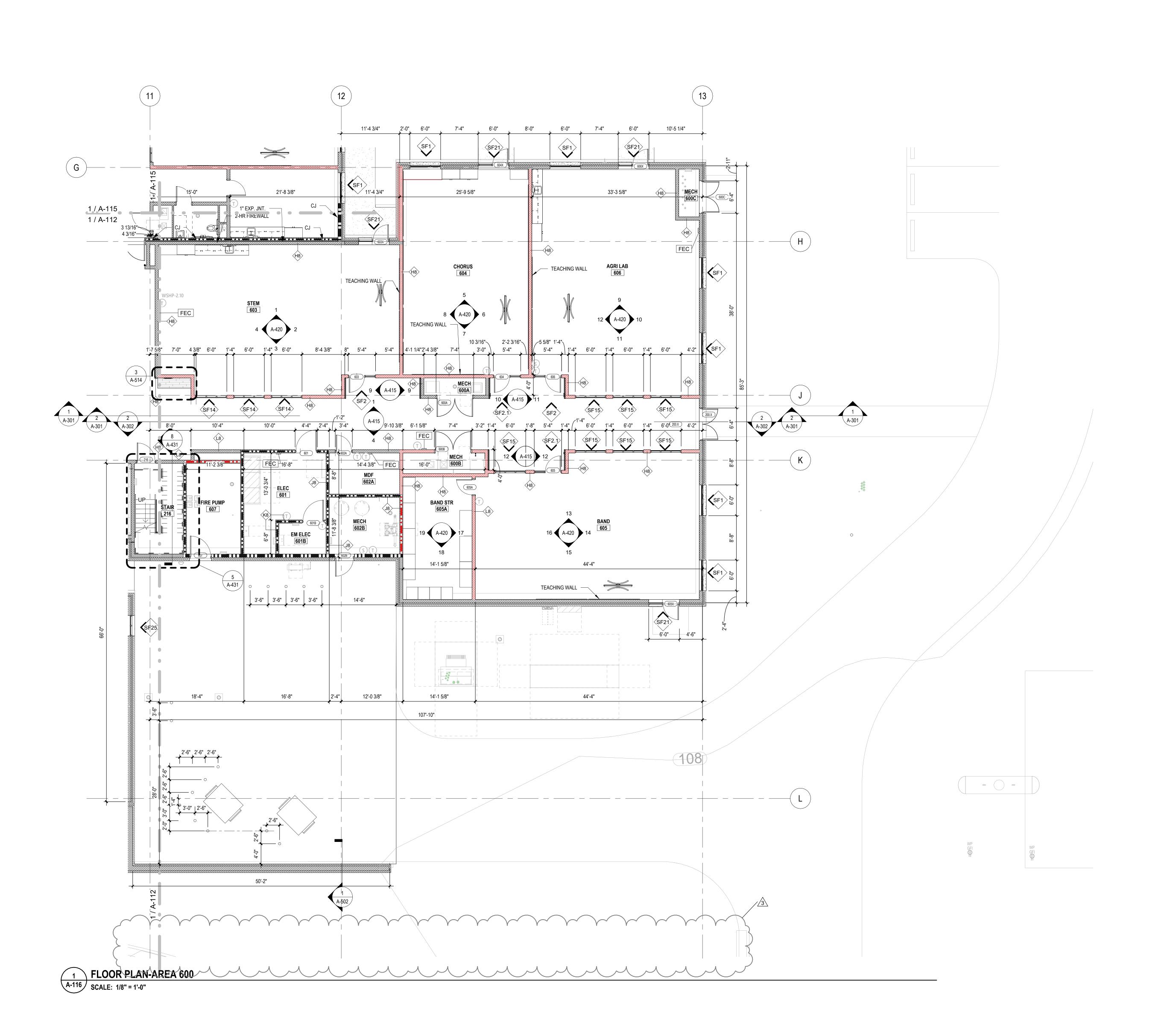
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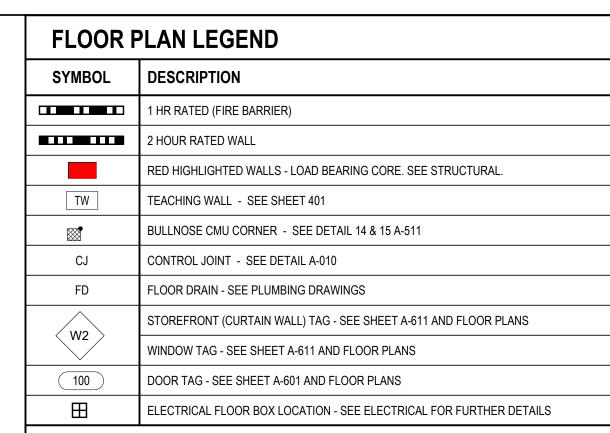
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FLOOR PLAN - AREA







GENERAL NOTES:

- SEE SHEET A-101 FOR OVERALL PLAN AND DIMENSIONS SEE SHEET A-010 FOR UL DESIGNS AND PARTITION TYPES.
- SEE G-003 FOR UL DETAILS. 4. SEE G-111 FOR LIFE SAFETY FLOOR PLAN

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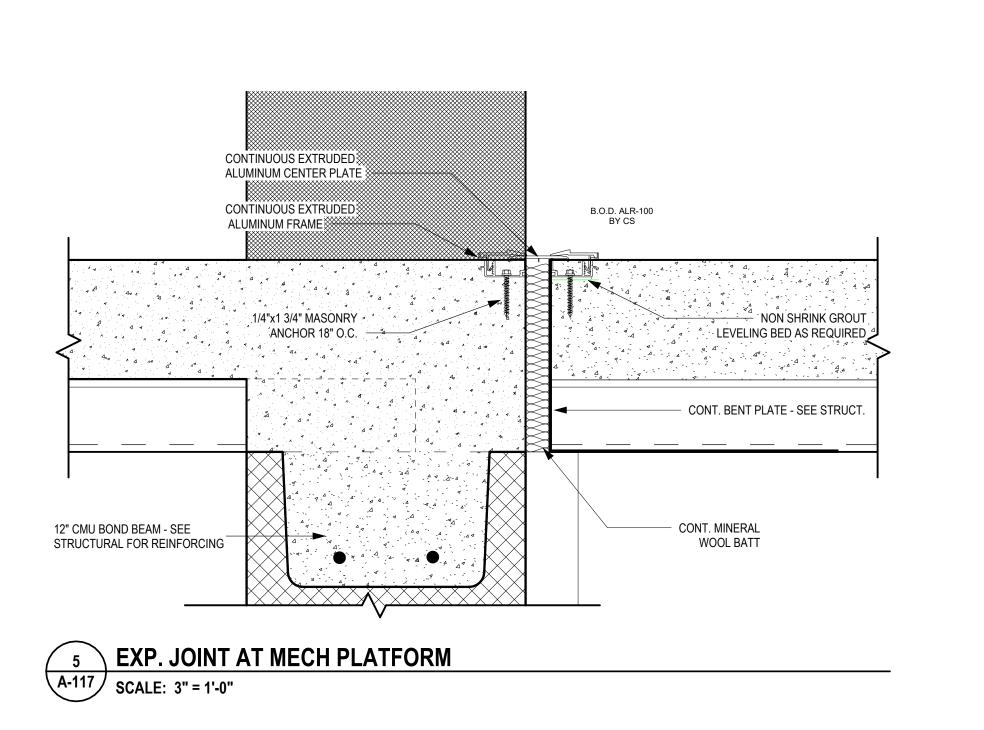
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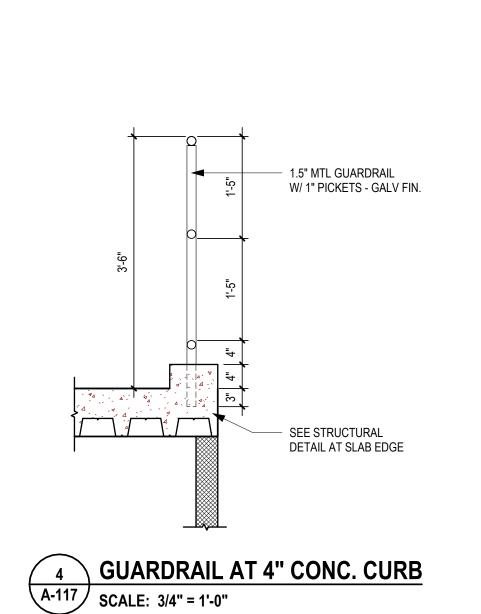
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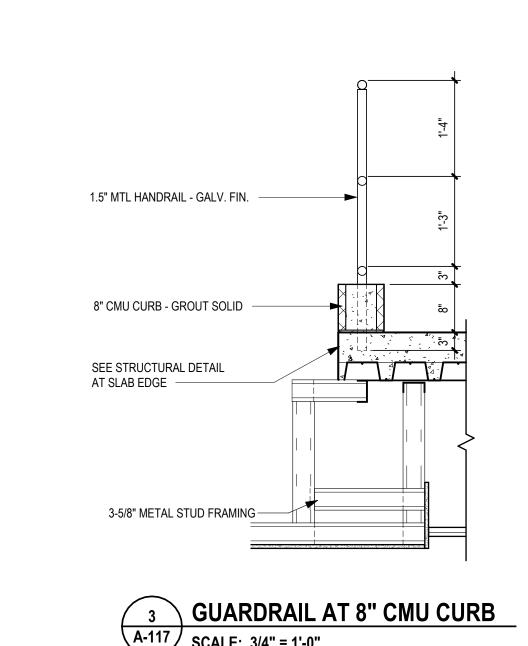
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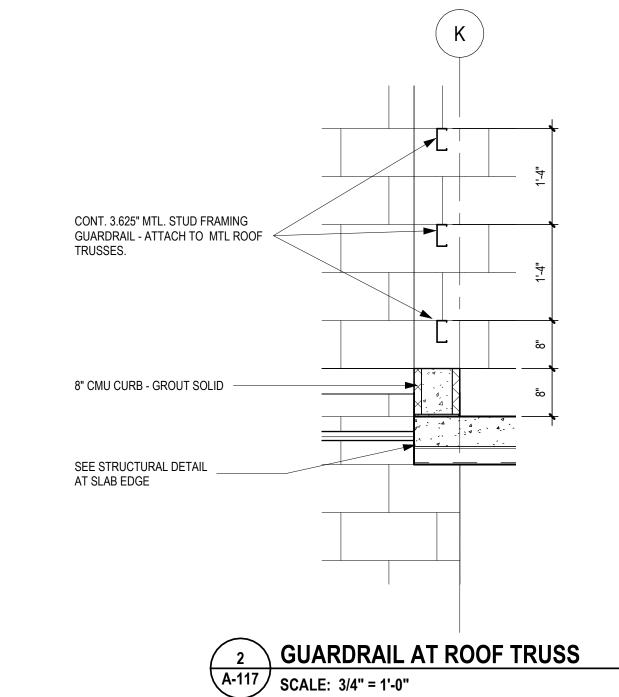
A-116

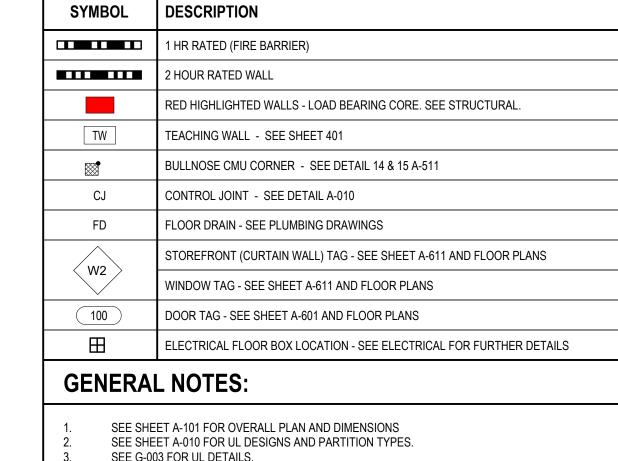
AREA-100











SEE G-003 FOR UL DETAILS.
 SEE G-111 FOR LIFE SAFETY FLOOR PLAN

FLOOR PLAN LEGEND

Construction Documents

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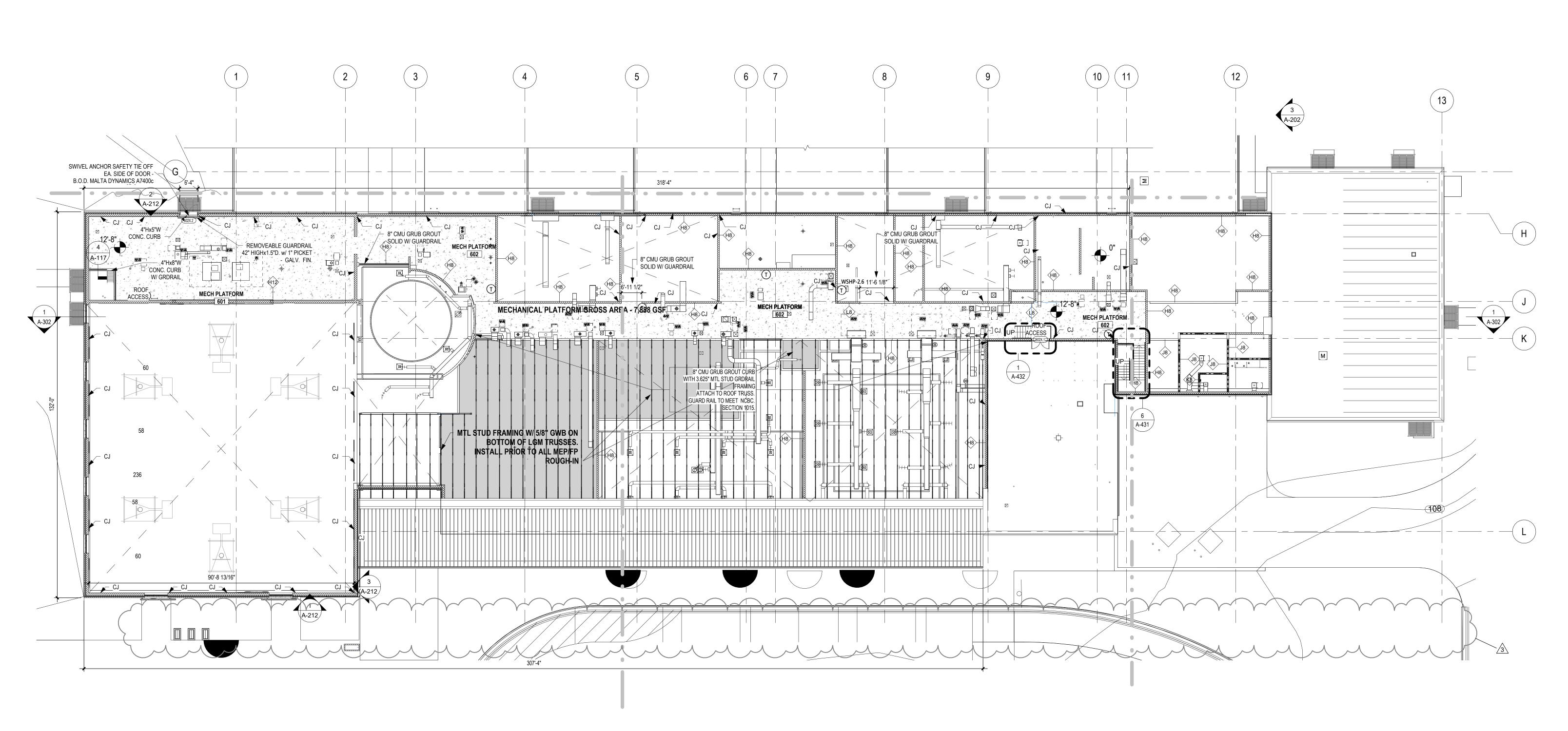
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Lenoir County

Lenoir

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FLOOR PLAN -

MECHANICAL

PLATFORM

			JLE	SCHEDU	FRAME	DOOR &						
FIRE KEYED NOTES	FIRE			FRAME				OOR	DOOR SIZE			
ATING	RATING	DOOR HW	DEPTH	MATERIAL	TYPE	TYPE	MAT	THK	HEIGHT	WIDTH	NO.	Го Room: Name
REMOVEABLE MULLION, ACCESS CNTRL, ADA OPERATOR, F EXIT ONLY, PANIC HARDWARE		02 03		ALUM ALUM	SF6 SF6	FGM FGM	FRP FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	6' - 0" 3' - 0"	100A 100B	TIBULE TIBULE
EXIT ONLY, PANIC HARDWARE		03		ALUM	SF6	FGM	FRP	0' - 1 3/4"	7' - 2"	3' - 0"	100C	TBULE
EXIT ONLY, PANIC HARDWARE REMOVEABLE MULLION, ACCESS CNTRL, ADA OPERATOR, F		03 04		ALUM ALUM	SF6 SF7	FGM FGM2	FRP FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 6' - 0"	100D 100E	BULE Y
EXIT ONLY, PANIC HARDWARE		05		ALUM	SF7	FGM	FRP	0' - 1 3/4"	7' - 2"	3' - 0"	100F	,
EXIT ONLY, PANIC HARDWARE		05		ALUM	SF7	FGM	FRP	0' - 1 3/4"	7' - 2"	3' - 0"	100G	
EXIT ONLY, PANIC HARDWARE ACCESS CONTROL, CLOSER		06 07		ALUM ALUM	SF7 SF9	FGM FGM	FRP FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	100H 101A	
ACCESS CONTROL, CLOSER ACCESS CONTROL (2 SIDE), CLOSER		08		ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	101A 101B	
ACCESS CONTROL, CLOSER		09	0' - 5 3/4"	ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	101C	
		10		ALUM	SF2	HG	WD	0' - 1 3/4"	7' - 2"	3' - 0" 3' - 0"	101D	OR
CLOSER		11 12		ALUM ALUM	1	N F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0"	102 102A	TLT
		13		ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	103	AL
		11 12		ALUM ALUM	1	F F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	104 105	
		13		ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	106	
		12		ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	107	
		11		ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	108	
		11 13		ALUM ALUM	1	N F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	109 110	
		11	0' - 5 3/4"	ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	111	
CLOSER		14		ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	112	S
ACCESS CONTROL, CLOSER		13 15		ALUM ALUM	1	N N	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	113 114	OFFICE
		16	0' - 5 3/4"	ALUM	11	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	115	М
		13		ALUM	SF2	HG	WD	0' - 1 3/4"	7' - 2"	3' - 0"	116	
PANIC HARDWARE		13 17		ALUM ALUM	SF2 SF10	HG FGM2	WD FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 6' - 0"	117 118A	UM
INSULATED, FLUSH FRP, REMOVEABLE MULLION, ACCESS C		18		ALUM	SF10 SF11	FGM2	FRP		7' - 2"	6' - 0"		UM
PANIC		10						0' - 1 3/4"			118B	
INSULATED, FLUSH FRP, REMOVEABLE MULLION, PANIC INSULATED, FLUSH FRP, REMOVEABLE MULLION, PANIC		19 19		ALUM ALUM	SF11 SF11	FGM2 FGM2	FRP FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 1"	6' - 0" 6' - 0"	118C 118D	UM UM
		20	0' - 8 3/4" 2	HM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	119	
INSIDE LOCK		01		ALUM	CC	CC	STEEL	0' - 1 3/4"	4' - 6"	4' - 0"	119B	_
		13 21		HM HM	1	N F(2)	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 6' - 0"	120 122A	i
ACCESS CONTROL		22		ALUM	3	F(2)	FRP	0' - 1 3/4"	7' - 2"	6' - 0"	122B	i
TRANSCAL MATTER ASSESSED CONTROL		21		HM	1	F(2)	WD	0' - 1 3/4"	7' - 2"	6' - 0"	124	
TRANSOM WITH LOUVER, ACCESS CONTROL		22 23		ALUM ALUM	3	F(2)	FRP WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	6' - 0" 3' - 0"	125 128	
CLOSER		24		ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	129	LT
MHO, ACCESS CONTROL. PANIC		25		HM	3	F	WD	0' - 1 3/4"	7' - 2"	8' - 0"	200.1	R
REMOVEABLE MULLION, ACCESS CONTROL, PANIC PANIC HARDWARE		18 26		ALUM ALUM	SF22 SF2	FGM2	FRP WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	6' - 0" 3' - 0"	200.X 201	R E
PANIC HARDWARE		27		ALUM	SF21	FGM	FRP	0' - 1 3/4"	7' - 0"	3' - 0"	201X	PE
		28		ALUM	SF2	HG	WD	0' - 1 3/4"	7' - 2"	3' - 0"	202	EDU
		29 30		ALUM ALUM	SF2	HG N	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	203 203A	MTG
		13		ALUM	1	N	WD	0' - 1 3/4"	7' - 2"	3' - 0"	203A 203B))
PANIC HARDWARE		31		ALUM	SF12	FGM	FRP	0' - 1 3/4"	7' - 2"	3' - 0"	204.1	
PANIC HARDWARE		26 11		ALUM ALUM	SF12 SF2	FGM HG	FRP WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	204.2 204A	KRM
		11		ALUM	SF2	HG	WD	0' - 1 3/4"	7' - 2"	3' - 0"	204A 204B	ONF
			0' - 5 3/4"	ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	204C	
ACCESS CONTROL, PANIC CLOSER		27 14		ALUM ALUM	SF20	FGM F	FRP WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 6"	204X 205	3
CLOSEN		32		ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	208	,
		13		ALUM	SF2	HG	WD	0' - 1 3/4"	7' - 2"	3' - 0"	209	
ACCESS CONTROL, PANIC		33 27		ALUM ALUM	SF2 SF20	HG FGM	WD FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	211 212.1X	
ACCESS CONTROL, PANIC ACCESS CONTROL, PANIC		27		ALUM	SF20 SF20	FGM	FRP	0' - 1 3/4"	7 - 2"	3' - 0"	212.1X 212.2X	
PANIC HARDWARE		17	0' - 4 1/2"	ALUM	1	F(2)	WD	0' - 1 3/4"	7' - 0"	6' - 0"	212B	
PANIC HARDWARE		17	*=	ALUM	1	F(2)	WD	0' - 1 3/4"	7' - 0" 7' - 2"	6' - 0" 3' - 0"	212C 214.1	
+		34 34		ALUM ALUM	1	F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0"	214.1	
OVERHEAD COILING GRILLE		01	(STEEL	CD	CD	STEEL	0' - 1 3/4"	7' - 4"	14' - 8"	214.3	
		11		ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	214A	₹
		30 35		ALUM ALUM	1 1	HG F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	214D 214E	
		01	(ALUM	CC	CC	STEEL	0' - 1 3/4"	4' - 6"	4' - 0"	214J	NG
ACCESS CONTROL, PANIC		36		ALUM	1	N	FRP	0' - 1 3/4"	7' - 2"	3' - 6"	214X	
PANIC HARDWARE		26 11		ALUM ALUM	SF2	HG F	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 0" 3' - 0"	215 215A	
		37	0' - 8 3/4"	ALUM	1	F	WD	0' - 1 3/4"	7' - 2"	3' - 0"	215B	
PANIC HARDWARE		27		ALUM	SF21	FGM	FRP	0' - 1 3/4"	7' - 2"	3' - 0"	215X	
90 INSULATED, ACCESS CONTROL, PANIC INSULATED, FLUSH FRP, REMOVEABLE MULLION, PANIC	90	38 19		HM ALUM	1 SF11	F FGM2	INSUL HM FRP	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 1"	3' - 6" 6' - 0"	216 217	
		32		ALUM	1	FGWZ	WD	0' - 1 3/4"	7' - 2"	3' - 0"	219	
90 MHO, ACCESS CONTROL, PANIC	90	39		HM	3	F	WD	0' - 1 3/4"	7' - 2"	8' - 0"	300	ATION
		40		ALUM	1	F	WD	0' - 1 3/4"	7' - 2" 7' - 2"	3' - 6" 3' - 6"	300A 300B	
		40 41		ALUM ALUM	3	F(2)	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	3' - 6" 7' - 0"	300B	
		41	0' - 4 1/2"	ALUM	3	F(2)	WD	0' - 1 3/4"	7' - 2"	7' - 0"	300D	
		41		ALUM	3	F(2)	WD	0' - 1 3/4"	7' - 2"	7' - 0"	300E	
		41 41	· · · · · ·	ALUM ALUM	3	F(2) F(2)	WD WD	0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2"	7' - 0" 7' - 0"	300F 300G	
		41		ALUM	3	F(2)	WD	0' - 1 3/4"	7' - 2"	7' - 0"	300H	
										1		
		22		ALUM	3	F(2)	FRP	0' - 1 3/4"	7' - 2"	6' - 0"	300J	ND 4 T1011
REMOVEABLE MULLION, ACCESS CONTROL, PANIC ACCESS CONTROL, CLOSER		22 18 07	0' - 4 1/2"	ALUM ALUM ALUM	3 SF16 1	F(2) FGM2 F	FRP FRP WD	0' - 1 3/4" 0' - 1 3/4" 0' - 1 3/4"	7' - 2" 7' - 2" 7' - 2"	6' - 0" 6' - 0" 3' - 0"	300J 300X 301	ORATION RY RM

	1			005		DOOR &	FRAME	SCHEDU	JLE		T
To Room:	NO.		DOOR SIZE	OOR	MAT	TYPE		FRAME MATERIAL		FIRE RATING	KEYED NOTES
Name	302.1	WIDTH 3' - 0"	HEIGHT 7' - 2"	THK 0' - 1 3/4"	WD	F	TYPE 1	ALUM	DEPTH 0' - 4 1/2"	DOOR HW 43	ACCESS CONTROL, PANIC HARDWARE, ALARM
; T/SHW	302.2 302A	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F	1	ALUM ALUM	0' - 4 1/2"	43	PANIC HARDWARE, ALARM ACCESS CONTROL, CLOSER
TRA CLASS	303	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2"	33	AGGEGG GGITTIGE, GEGGER
H GRADE H GRADE	304 305	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1	ALUM ALUM	0' - 4 1/2" 0' - 4 1/2"	33 33	
H GRADE	306	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2"	33	0.0050
AFF TLT N	307 310	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1	ALUM ALUM	0' - 4 1/2" 0' - 4 1/2"	35 23	CLOSER
=	311	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	3	ALUM	0' - 8 3/4"	09	ACCESS CONTROL, CLOSER
H GRADE SIENCE	312	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2"	26	PANIC HARDWARE
H GRADE HENCE	312X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	F	1	ALUM	0' - 8 3/4"	44	ACCESS CONTROL, PANIC HARDWEAR
H GRADE H GRADE	313 315	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F	1	ALUM	0' - 4 1/2" 0' - 4 1/2"	33 33	
H GRADE	316	3' - 0"	7' - 2"	0 - 1 3/4"	WD	F	1	ALUM ALUM	0' - 4 1/2"	26	PANIC HARDWARE
H GRADE						F	1		0' - 8 3/4"	44	
H GRADE	316X 317	3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP	F	1	ALUM ALUM	0' - 4 1/2"	33	ACCESS CONTROL, PANIC HARDWEAR
EP RM	318A	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	45	
EP RM DRRIDOR	318B 400	3' - 0" 8' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	3	ALUM HM	0' - 8 3/4" 0' - 5 3/4"	45 39 90	MHO, ACCESS CONTROL, PANIC
ECH	400A	3' - 6"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	40	-,
ECH ECH	400B 400C	3' - 6" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2)	3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	40 41	
ECH .	400D	7' - 0"	7' - 2"	0' - 1 3/4"	WD	F(2)	3	ALUM	0' - 8 3/4"	41	
ECH ECH	400E 400F	7' - 0" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2)	3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	41	
ECH ECH	400G 400H	7' - 0" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2) F(2)	3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	41 41	
MP	400J	6' - 0"	7' - 2"	0' - 1 3/4"	FRP	F(2)	3	ALUM	0' - 4 1/2"	22	
RRIDOR SOURCE RM	400X 401	6' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP WD	FGM2 N	SF16 1	ALUM ALUM	0' - 4 1/2" 0' - 8 3/4"	18 33	REMOVEABLE MULLION, ACCESS CONTROL, PANIC
AFF TLT	401A	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	42	CLOSER
;	402A 402B	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1 1	ALUM ALUM	0' - 4 1/2" 0' - 4 1/2"	26 26	PANIC HARDWARE PANIC HARDWARE
;	402C	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F (2)	1	ALUM	0' - 8 3/4"	12 46	ACCESS CONTROL, CLOSER
T/CHG H GRADE	402D 403	5' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2) N	1	ALUM ALUM	0' - 8 3/4"	33	
H GRADE H GRADE	404 405	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F	1	ALUM ALUM	0' - 4 1/2" 0' - 4 1/2"	33 33	
AFF TLT	406	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2"	47	CLOSER
N -	409 410	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	3	ALUM ALUM	0' - 4 1/2" 0' - 8 3/4"	23 09	ACCESS CONTROL, CLOSER
H GRADE IENCE	411	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	26	PANIC HARDWARE
H GRADE	411X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	F	1	ALUM	0' - 8 3/4"	44	ACCESS CONTROL, PANIC
H GRADE	412	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2"	33	
H GRADE H GRADE	414	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 4 1/2" 0' - 4 1/2"	33 26	
IENCE	415	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM			PANIC HARDWARE
H GRADE IENCE	415X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	F	1	ALUM	0' - 8 3/4"	44	ACCESS CONTROL, PANIC
H GRADE DRRIDOR	416 417	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F	1	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	33	
EP RM	418A	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	45	
REP RM DRRIDOR	418B 500	3' - 0" 8' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	3	ALUM HM	0' - 8 3/4" 0' - 5 3/4"	45 39 90	MHO, ACCESS CONTROL, PANIC
CH CH	500A 500B	3' - 6" 3' - 6"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F	1	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	40 40	
ECH	500C	7' - 0"	7' - 2"	0' - 1 3/4"	WD	F(2)	3	ALUM	0' - 8 3/4"	41	
ECH ECH	500D 500E	7' - 0" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2)	3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	41	
ECH	500F	7' - 0"	7' - 2"	0' - 1 3/4"	WD	F(2)	3	ALUM	0' - 8 3/4"	41	
ECH ECH	500G 500H	7' - 0" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F(2)	3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	41 41	
IMP DRRIDOR	500J 500X	6' - 0" 6' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP FRP	F(2) FGM2	3 SF16	ALUM ALUM	0' - 4 1/2" 0' - 4 1/2"	22 18	REMOVEABLE MULLION, ACCESS CONTROL, PANIC
SOURCE RM	501	3' - 0"	7' - 2"	0' - 1 3/4"	WD	N N	1	ALUM	0' - 8 3/4"	33	
AFF TLT	501A 502A	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	42 26	CLOSER PANIC HARDWARE
,	502B	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	НМ	0' - 8 3/4"	26	PANIC HARDWARE
RRIDOR	502C 503	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1 1	HM ALUM	0' - 8 3/4" 0' - 8 3/4"	12 33	ACCESS CONTROL, CLOSER
ORRIDOR ORRIDOR	504 505	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4" 0' - 8 3/4"	33 33	
AFF TLT	506	3' - 0"	7' - 2"	0' - 1 3/4"	WD WD	F	11	ALUM HM	0' - 4 1/2"	47	CLOSER
ORRIDOR AM AREA	509 510	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F	1 3	HM HM	0' - 4 1/2" 0' - 8 3/4"	23 09	ACCESS CONTROL, CLOSER
H GRADE	511	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	26	PANIC HARDWARE
IENCE H GRADE	511X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	F	1	ALUM	0' - 8 3/4"	44	ACCESS CONTROL, PANIC
IENCE H GRADE	5112	3' - 0"	7 - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	33	
H GRADE	514	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	33	
H GRADE IENCE	515	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	26	PANIC HARDWARE
H GRADE IENCE	515X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	F	1	ALUM	0' - 8 3/4"	44	ACCESS CONTROL, PANIC
H GRADE TRA CLASSROOM	516 517	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4" 0' - 8 3/4"	33 33	
EP RM	518A	3' - 0"	7' - 2"	0' - 1 3/4"	WD WD	F	1	ALUM ALUM	0' - 8 3/4"	45	
EP RM CH	518B 600A	3' - 0" 7' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD WD	F F(2)	1 3	ALUM ALUM	0' - 8 3/4" 0' - 8 3/4"	45 41	
:CH	600B	7' - 0"	7' - 2"	0' - 1 3/4"	WD	F(2)	3	ALUM	0' - 8 3/4"	41	
ECH EC	600C 601	6' - 0" 4' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP WD	F(2)	3	ALUM HM	0' - 4 1/2" 0' - 4 1/2"	22 48	PANIC HARDWARE
EC	601B	4' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	HM	0' - 4 1/2"	48 45	PANIC HARDWARE
OF ECH	602A 602B	3' - 0" 3' - 6"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	WD INSUL HM	F F	1 1	HM HM	0' - 4 1/2" 0' - 4 1/2"	32 49 90	INSULATED, ACCESS CONTROL
CH PLATFORM	602X.1 602X.2	6' - 0" 6' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP FRP	F(2)	3	ALUM ALUM	0' - 4 1/2" 0' - <u>4 1/</u> 2"	22 22	
ÉM	693	3' - 0"	7' - 2"	0'-13/4"	WD WD	HG	SF2	AŁUM	0' - 5 3/4"	26	PANJE HARDWARE
EM IORUS	603X 604	3' - 0" 3' - 0"	7' - 2 [*] 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP WD	FGM HG	SF21 SF2	ALUM ALUM	0' - 4 1/2" 0' - 5 3/4"	50	PANIC HARDWARE PANIC HARDWARE
IORUS ND	604X 605	3' - 0" 3' - 0"	7' - 2" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP WD	FGM HG	SF20 SF2	ALUM ALUM	0' - 4 1/2" 0' - 5 3/4"	27 50	PANIC HARDWARE PANIC HARDWARE
ND STR	605A	3' - 0"	7' - 2"	0' - 1 3/4"	WD	F	1	ALUM	0' - 8 3/4"	11	
ND RI LAB	605X 606	3' - 0" 3' - 0"	7' - 0" 7' - 2"	0' - 1 3/4" 0' - 1 3/4"	FRP WD	FGM HG	SF20 SF2	ALUM ALUM	0' - 4 1/2" 0' - 5 3/4"	27 50	PANIC HARDWARE PANIC HARDWARE
RI LAB	606X	3' - 0"	7' - 2"	0' - 1 3/4"	FRP	FGM	SF21	ALUM	0' - 4 1/2"	44	ACCESS CONTROL, PANIC
RE PUMP	607	4' - 0"	6' - 8"	0' - 1 3/4"	WD	ı F	1 1	HM	0' - 4 1/2"	49	INSULATED, ACCESS CONTROL

DOOR LEGEND

ABBREVIATIONS

MHO MAGNETIC HOLD OPEN

CLSR CLOSER **DIA** DIAMETER

WS WEATHER STRIPPING KICK PLATE OVERHEAD STOP SS STAINLESS STEEL

GENERAL DOOR NOTES

WMS WALL MOUNTED STOP

1. PROVIDE AND INSTALL WHEATHERSTRIPPING AT ALL EXTERIOR DOORS. PROVIDE AND INSTALL SILENCERS AT ALL H.M. FRAMES.



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Construction Documents

GLAZING SCHEDULE

TYPE	DESCRIPTION
SG	SAFETY GLASS, 1/4" CLEAR TEMPERED
SGL	SAFETY GLASS, 1/4" CLEAR, LAMINATED
IG1	INSULATED SAFETY GLASS UNITS, CLEAR TEMPERED (LOW E)
IG1L	INSULATED SAFETY GLASS UNITS, CLEAR TEMPERED (LOW E), CLEAR LAMINATE
IG2	INSULATED SAFETY GLASS UNITS, GRAY TINTED TEMPERED (LOW E)
IG2L	INSULATED SAFETY GLASS UNITS, GRAY TINTED TEMPERED, (LOW E), WHITE LAMINATE

IG1 - CLEAR GLASS TO BE INSTALLED IN AREA 100 & 200 - SOUTH FACE AT COVERED WALKWAY U.N.O.

IG1L - CLEAR LAMI GLASS TO BE INSTALLED AT INTERIOR WINDOWS & DOORS AS NOTED.

IG2 - GRAY TINTED GLASS TO BE INSTALLED IN EXTERIOR CLASSROOM WINDOWS & DOORS U.N.O. IG2L - GRAY TINTED TRANSLUCENT LAMI GLASS TO BE INSTALLED IN EXT. CLASSROOM TRANSOMS AND

GYM WINDOWS & DOORS.

SGL - SAFETY GLASS TO BE INSTALLED AT INTERIOR WINDOWS & DOORS AS NOTED.

SG - SAFETY GLASS TO BE INSTALLED IN ALL INTERIOR WINDOWS & DOORS U.N.O.

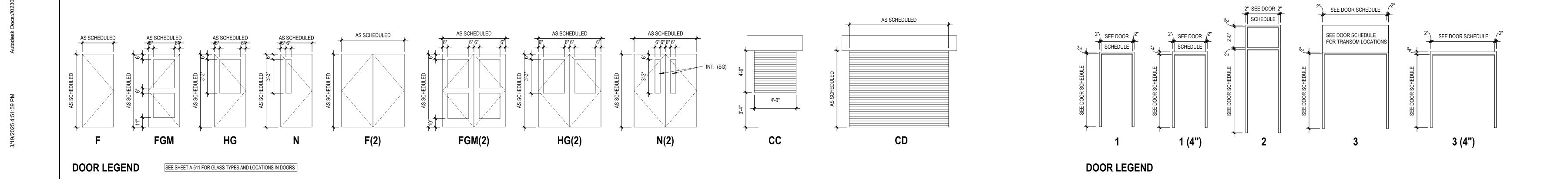
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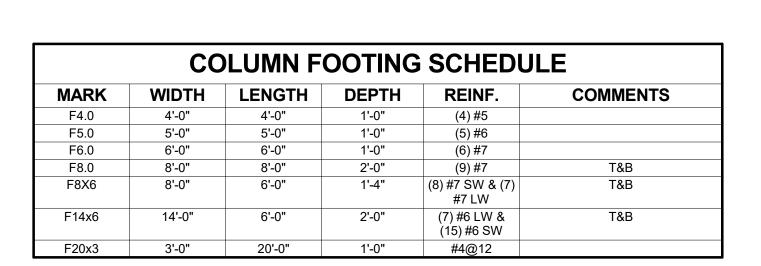


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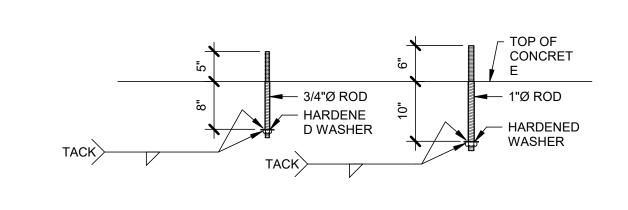
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DOOR SCHEDULE

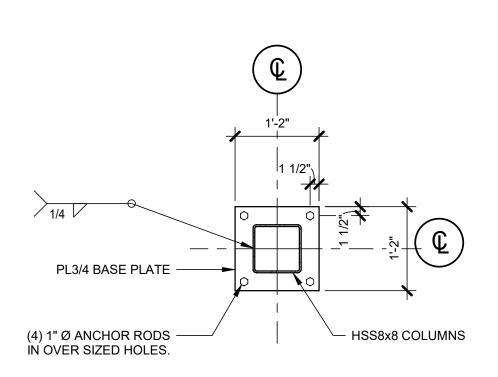


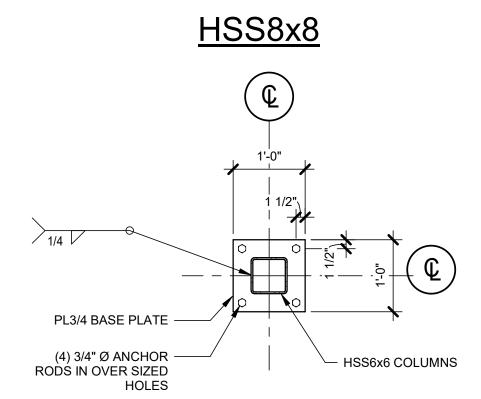


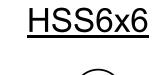
WA	WALL FOOTING SCHEDULE										
MARK	WIDTH	DEPTH	COMMENTS								
WF1	1'-8"	1'-0"									
WF2	2'-0"	1'-0"									
WF3	2'-4"	1'-0"									
WF4	2'-8"	1'-0"									
WF5	3'-0"	1'-0"									
WF6	3'-4"	1'-0"									
WF9	5'-0"	1'-0"									
WF10	6'-0"	1'-6"									

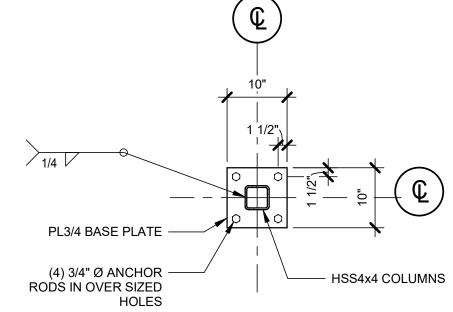


TYPICAL ANCHOR RODS
3/4" = 1'-0"



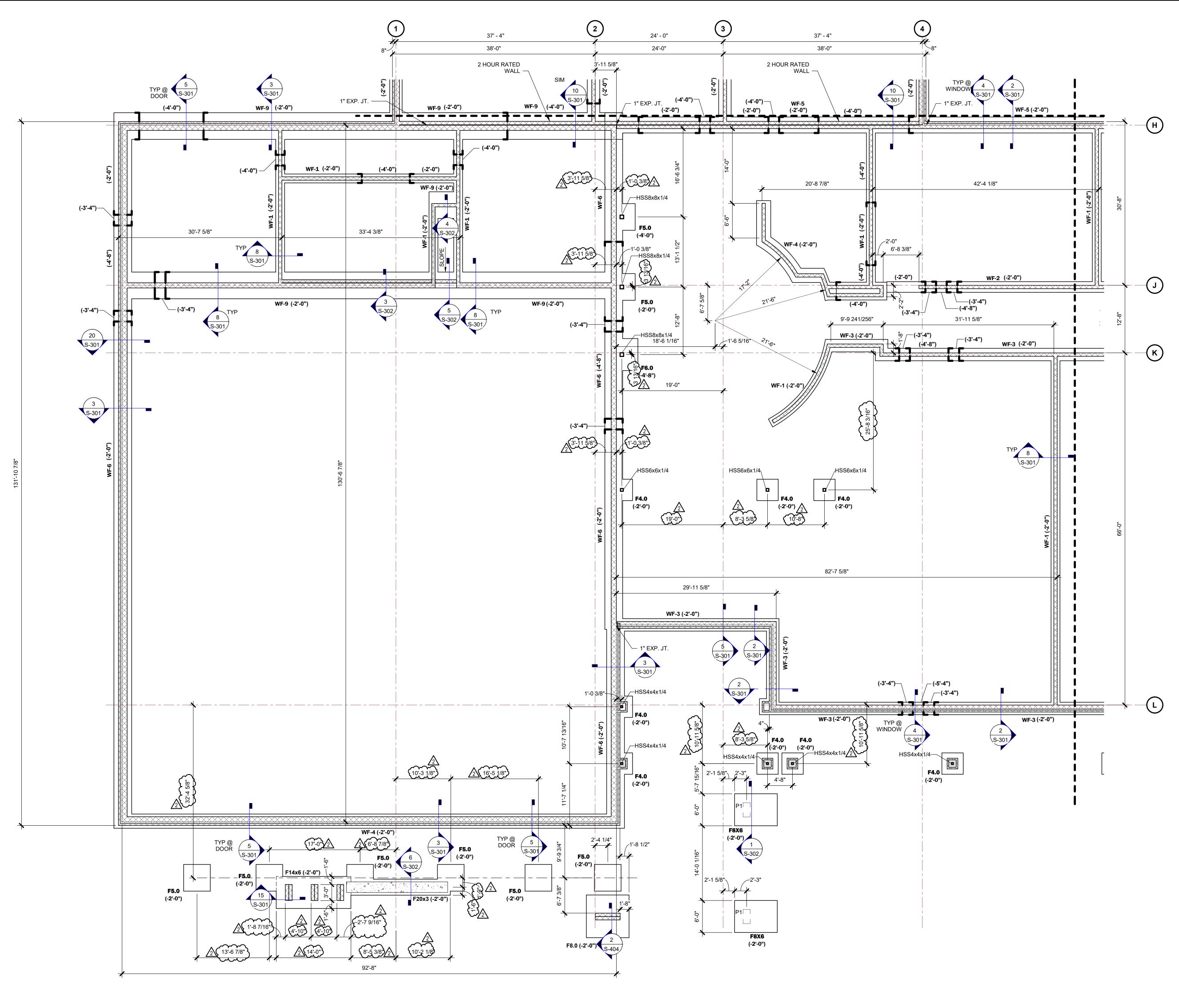






HSS4x4

TYPICAL COLUMN BASE PLATES



1 FOUNDATION PLAN - AREA 100
1/8" = 1'-0"

- **FOUNDATION NOTES:** 1. NUMBER IN PARENTHESIS DENOTES TOP OF FOOTING BELOW FIN. FLOOR ELEVATION = 0'-0". 2. **F4.0** DENOTES COLUMN FOOTING. SEE S-101 FOR SCHEDULE.
- 3. SEE S-111 FOR CMU WALL REINFORCING REQUIREMENTS. 4. IN ADDITION TO REINFORCING SHOWN ON THE DRAWINGS, PROVIDE #6 VERT. BAR IN JAMBS OF ALL DOORS AND
- WINDOWS. PROVIDE #6 VERT. BAR EA. SIDE OF EXPANSION JOINTS AND CONTROL JOINTS. SEE ARCH'L FOR JOINT
- LOCATIONS. SEE DETAIL 14/S-301.
- DENOTES STEPPED FOOTING. SEE 19/S-301 FOR DETAIL. G.C. COORDINATE STEP LOCATION AND DEPTH W/PLUMBING CONTRACTOR PRIOR TO FOOTING EXCAVATION.
 REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL. 7. PROVIDE BOND BEAMS IN MASONRY WALLS @ 9'-4" MAX AND BEARING LOCATIONS AND TOP COURSE OF ALL WALLS. 8. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".

AREA-300 AREA-400 AREA-500 AREA-600 AREA-100 AREA-200

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430 Wade Park Boulevard, Suite 400 **Construction Documents**

Middle

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FOUNDATION PLAN -

09/12/2024

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AREA 100

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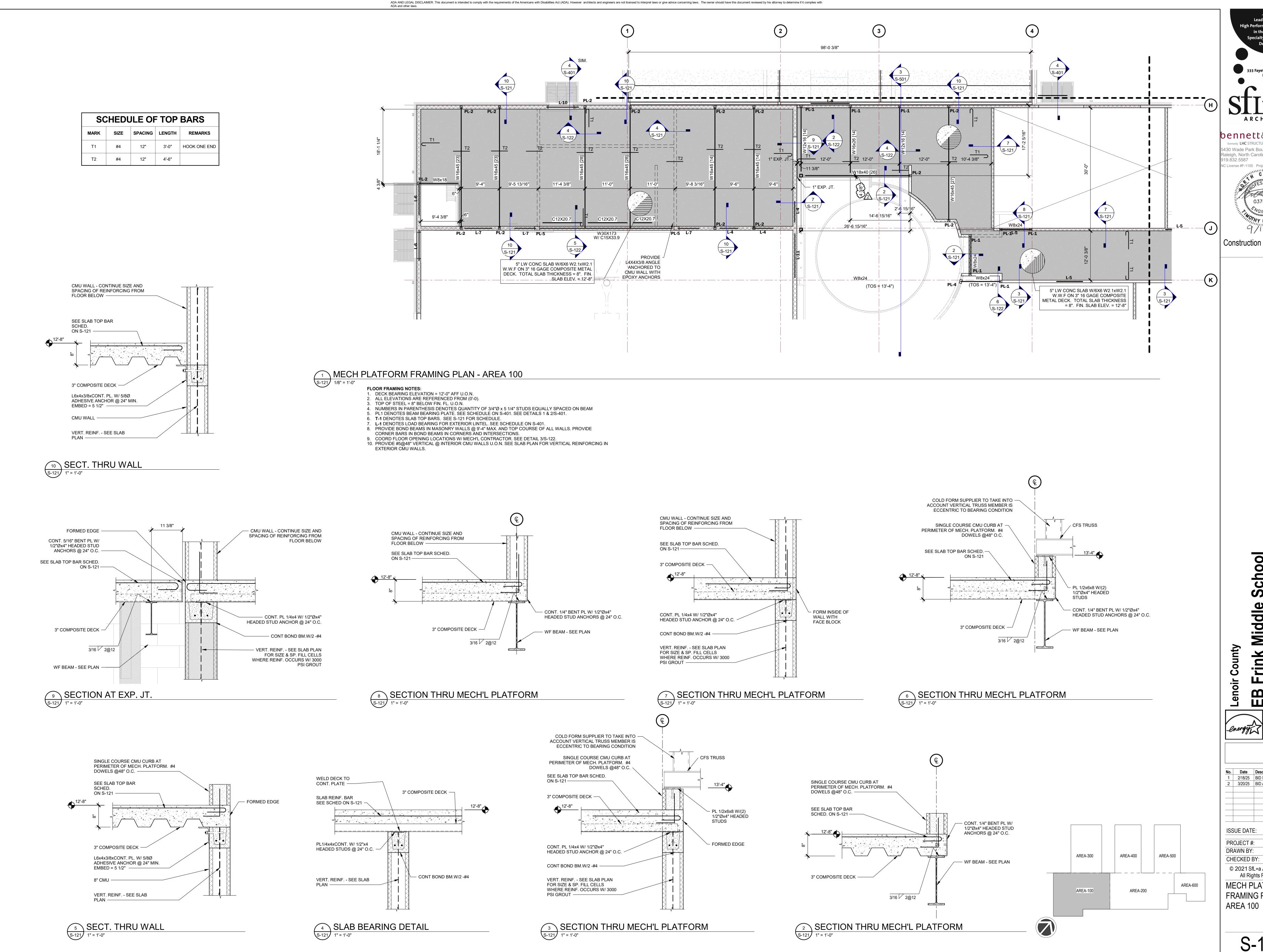
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SLAB PLAN - AREA
100

S-111

3/19/2025 9:50:20 AM



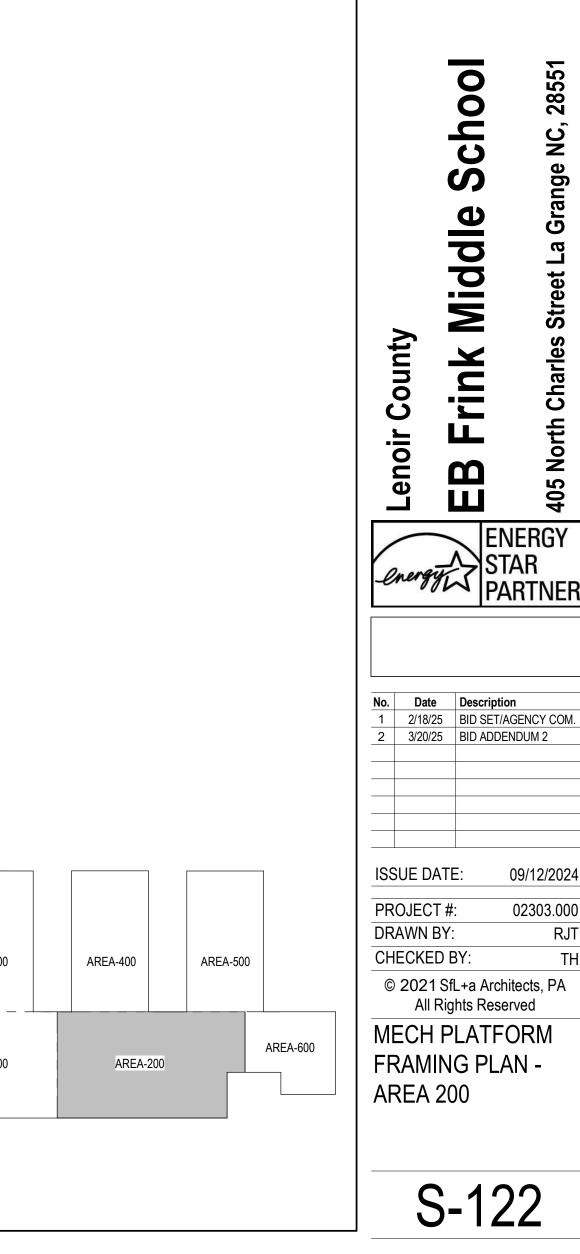
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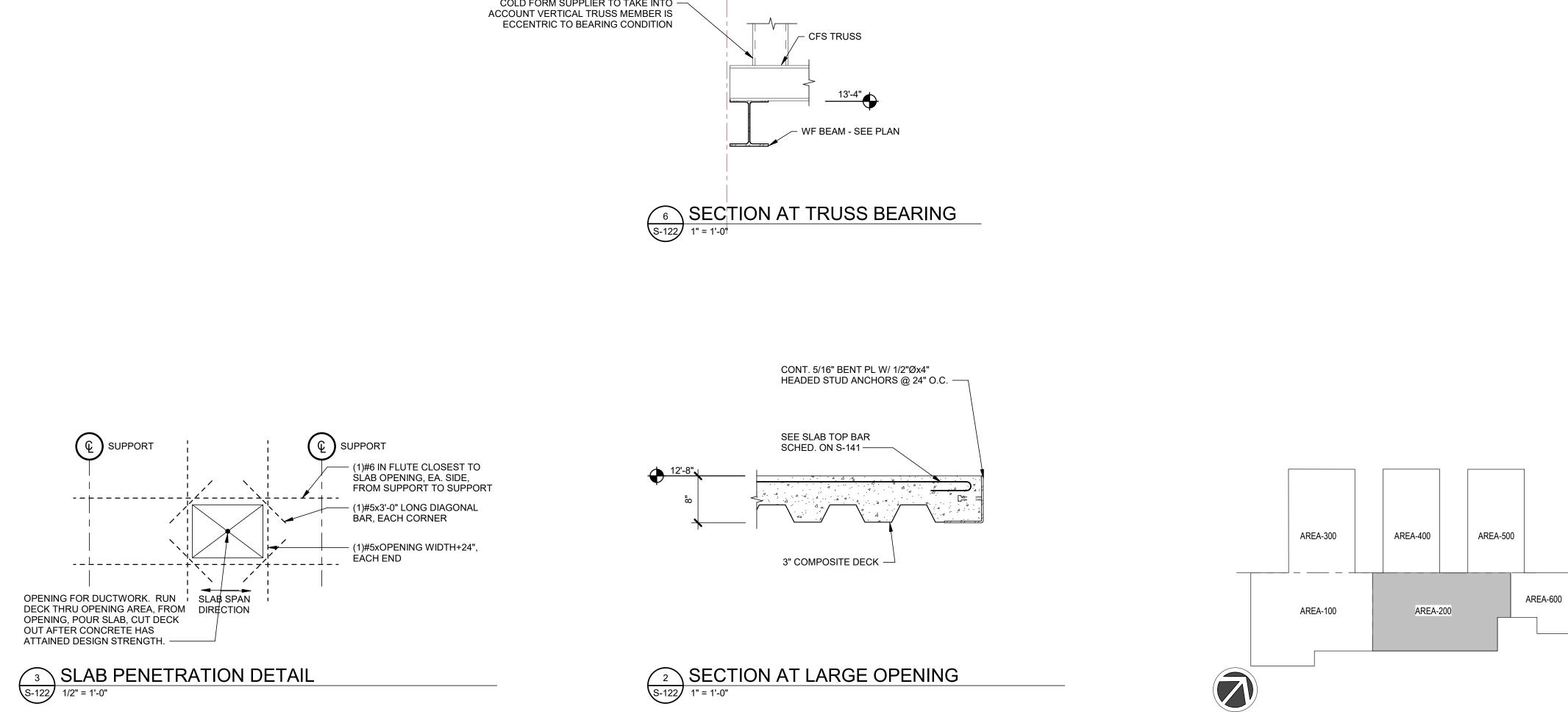
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energy STAR PARTNER No. Date Description 2/18/25 BID SET/AGENCY COM. 3/20/25 BID ADDENDUM 2 ISSUE DATE: 09/12/2024

CHECKED BY: © 2021 SfL+a Architects, PA All Rights Reserved MECH PLATFORM FRAMING PLAN -

02303.000





CMU WALL - CONTINUE SIZE AND -SPACING OF REINFORCING FROM

FLOOR BELOW

SCHED. ON S-121

3" COMPOSITE DECK —

C12X20.7 -

SECTION AT STAGE OPENING

5 S-122 1" = 1'-0"

AT BEAMS

COPE FLANGES

SEE SLAB TOP BAR -

C15X33.9 -

GALV. 1/2"ØX4"

HSA @ 16" O.C.

3" COMPOSITE DECK —

SEE SCHED ON S-121 -

4

— WF BEAM - SEE PLAN

SLAB BEARING DETAIL

1" = 1'-0"

SLAB REINF. BAR

S-122

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ROOF FRAMING NOTES:

1. AT HOLLOW CORE PLANKS DENOTES TOP OF PLANK ELEVATION U.O.N. ABOVE FIN. FLOOR ELEV. = 0'-0".

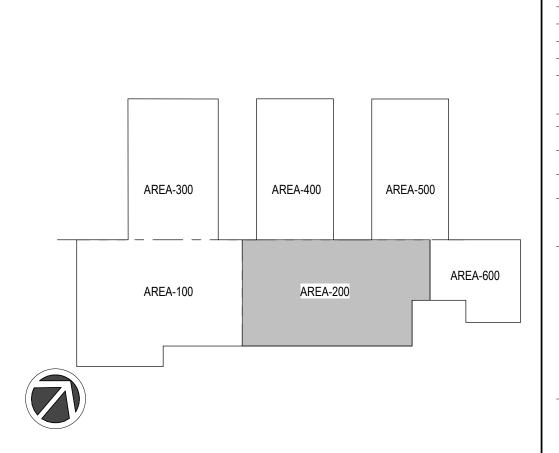
2. AT STEEL JOISTS OR CFS TRUSSES DENOTES TOP OF STEEL

ELEVATION (DECK BRG.) U.O.N. ABOVE FIN. FLOOR ELEV. = 0'-0", 3. L-1 DENOTES LOAD BEARING OR EXTERIOR LINTEL. SEE SCHEDULE ON S-401

4. FRAME ROOF OPENINGS ON METAL FRAMED ROOFS W/ L4x4x1/4. COORD. LOCATION W/ MECH'L CONTRACTOR. SEE DETAIL 9/S-401.

6. ALL CMU WALLS THAT ARE NOT ATTACHED TO ROOF STRUCTURE IS

5. FRAME ROOF OPENINGS ON HOLLOW CORE ROOFS WITH DETAIL 8/S-401. REQUIRED TO BE AT THE TOP. PROVIDE BRACING POINT AT 12' O.C. MAX SPACING, NOTING THAT A PERPENDICULAR CMU WALL COUNTS AS A BRACING POINT. SEE SHEET S-401 FOR BRACING DETAILS.



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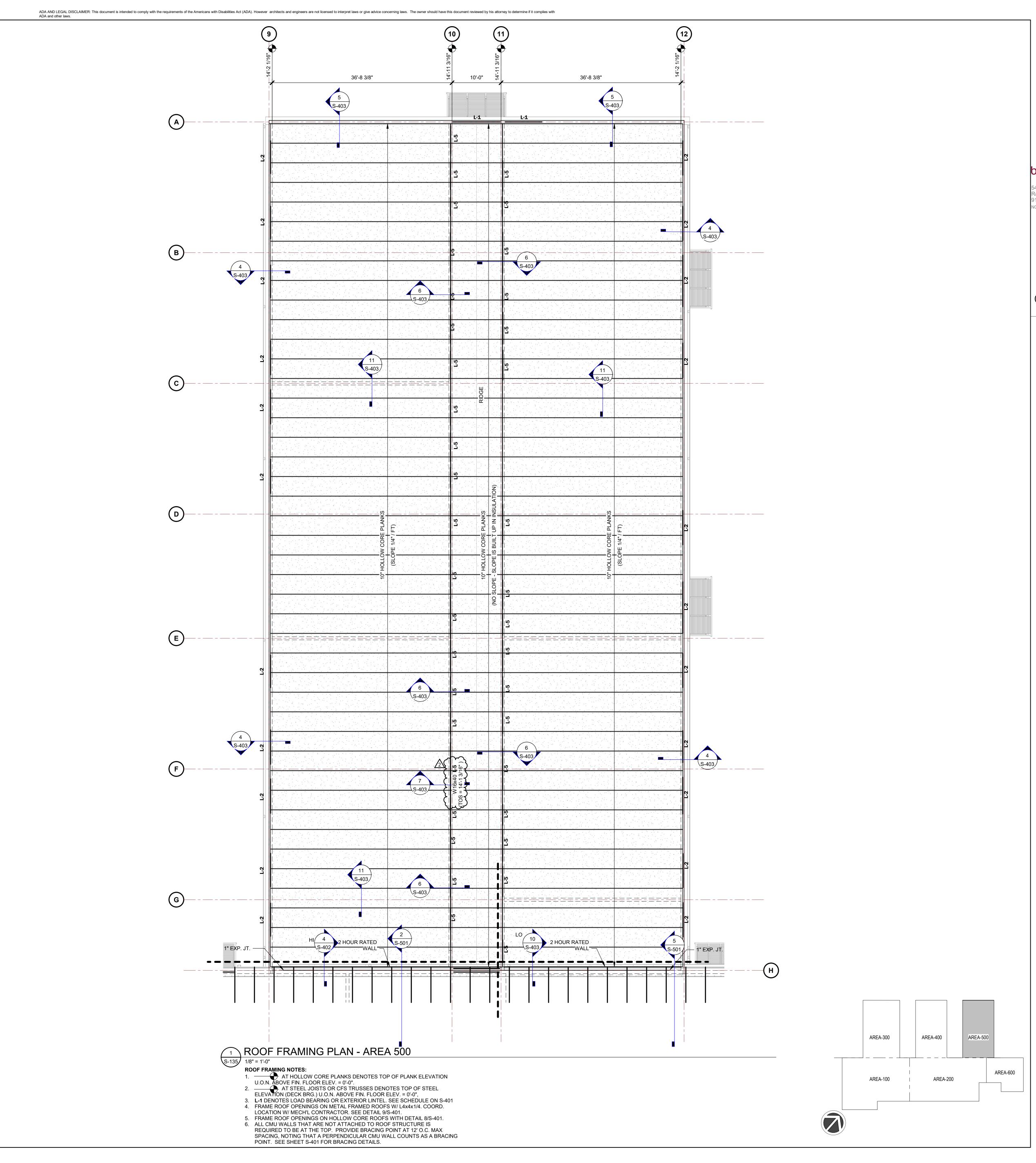
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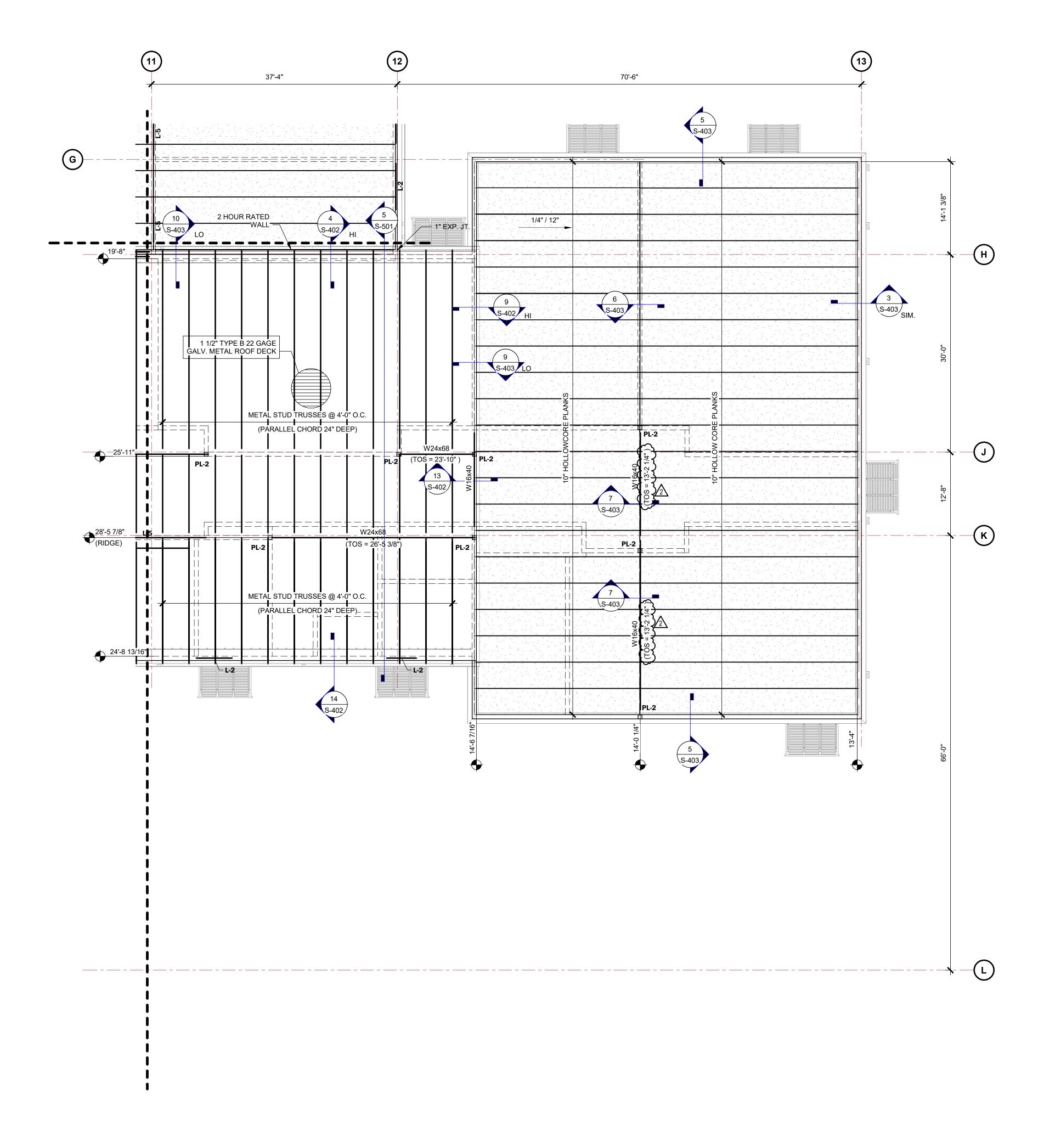
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ROOF FRAMING
PLAN - AREA 500

2 405



1 ROOF FRAMING PLAN - AREA 600 1/8" = 1'-0"

- ROOF FRAMING NOTES:

 1. AT HOLLOW CORE PLANKS DENOTES TOP OF PLANK ELEVATION U.O.N. ABOVE FIN. FLOOR ELEV. = 0'-0".

 2. AT STEEL JOISTS OR CFS TRUSSES DENOTES TOP OF STEEL ELEVATION (DECK BRG.) U.O.N. ABOVE FIN. FLOOR ELEV. = 0'-0",

 3. L-1 DENOTES LOAD BEARING OR EXTERIOR LINTEL. SEE SCHEDULE ON S-401

 4. FRAME ROOF OPENINGS ON METAL FRAMED ROOFS W/ L4x4x1/4. COORD.

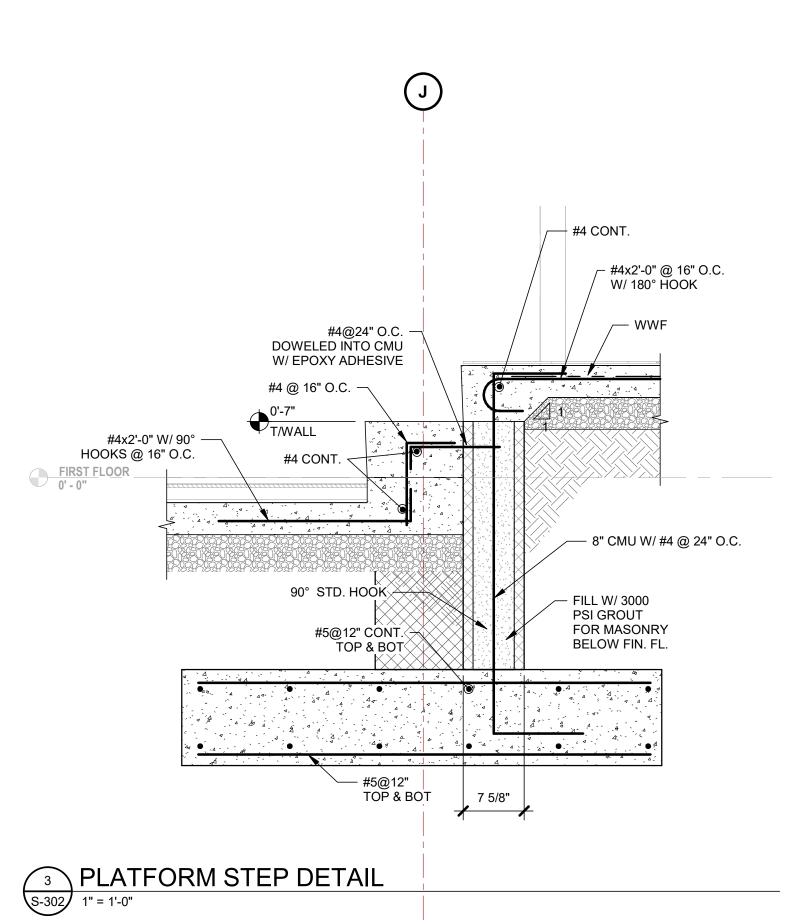
- LOCATION W/ MECH'L CONTRACTOR. SEE DETAIL 9/S-401.

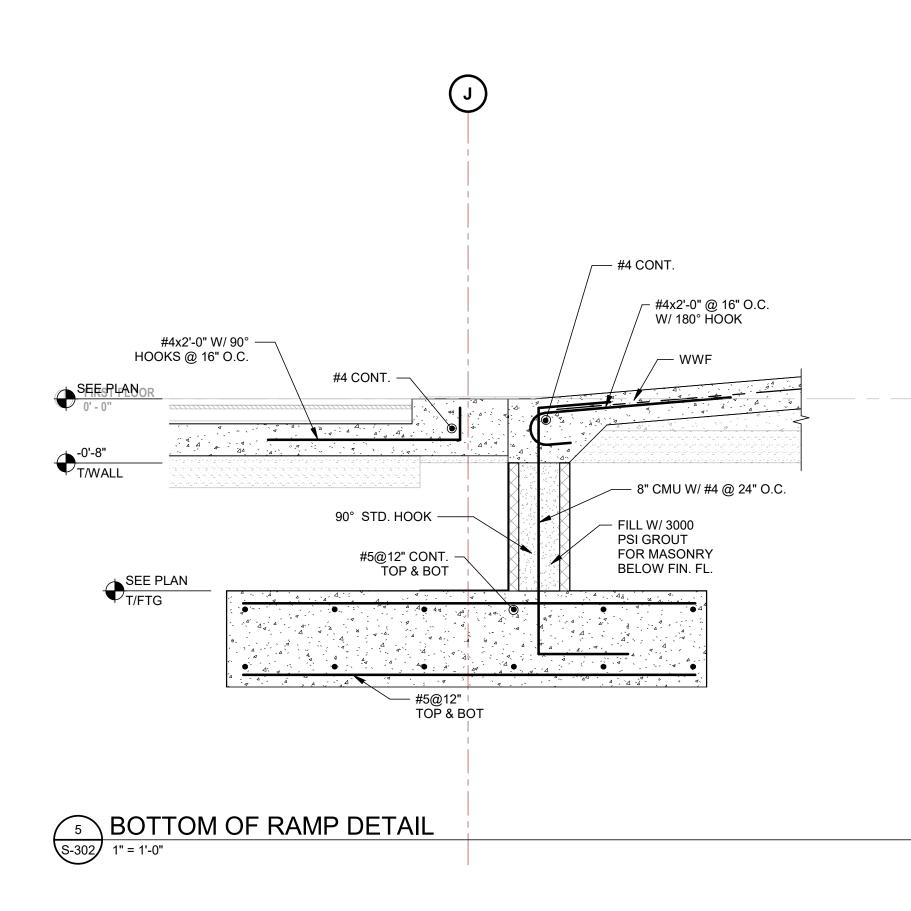
 5. FRAME ROOF OPENINGS ON HOLLOW CORE ROOFS WITH DETAIL 8/S-401. 6. ALL CMU WALLS THAT ARE NOT ATTACHED TO ROOF STRUCTURE IS
- REQUIRED TO BE AT THE TOP. PROVIDE BRACING POINT AT 12' O.C. MAX SPACING, NOTING THAT A PERPENDICULAR CMU WALL COUNTS AS A BRACING POINT. SEE SHEET S-401 FOR BRACING DETAILS.

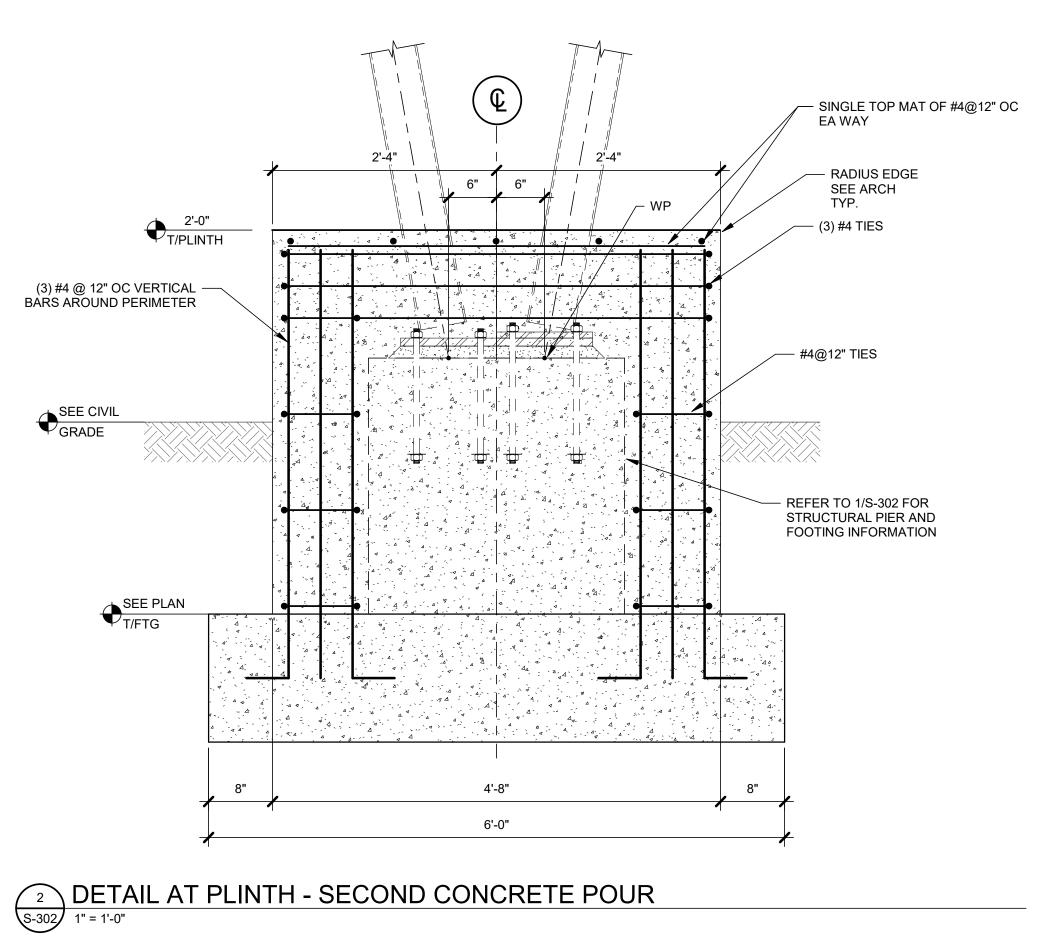
AREA-300 AREA-400 AREA-500 AREA-100 AREA-200

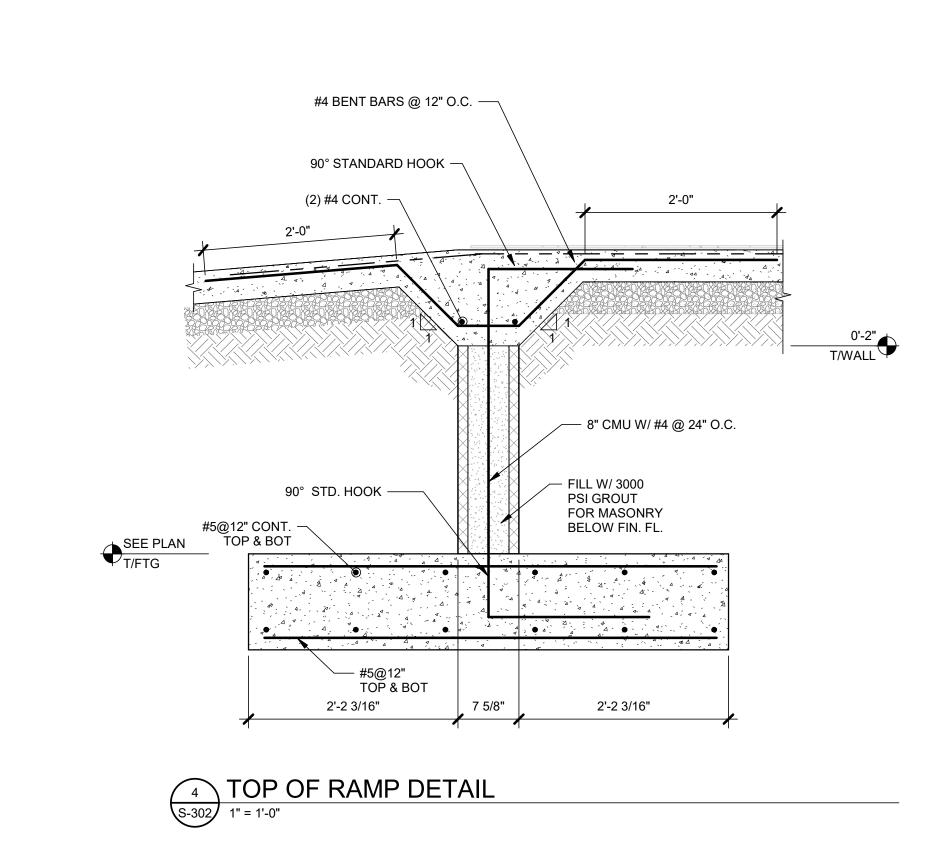
in the Nation with a 333 Fayetteville St, Ste 225 Raleigh, NC 27601 P: 919.573.6350 F: 919.573.6355 www.sfla.biz 5430 Wade Park Boulevard, Suite 400 Raleigh, North Carolina 27607 919.832.5587 License #F-1105 Project # 23.08.086

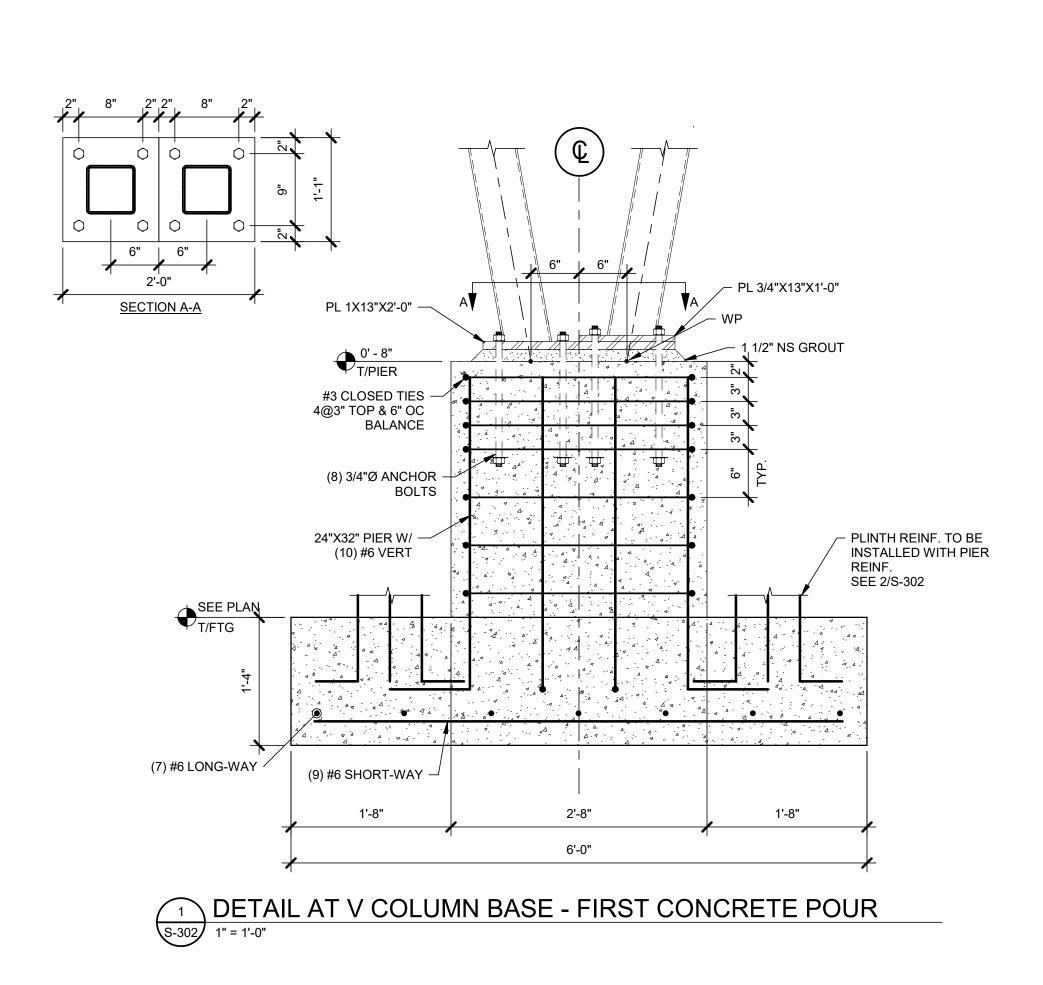
CHECKED BY: TH © 2021 SfL+a Architects, PA All Rights Reserved ROOF FRAMING PLAN - AREA 600













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in the Nation with a 33 Fayetteville St, Ste 225 Raleigh, NC 27601 P: 919.573.6350 F: 919.573.6355 www.sfla.biz ARCHITECTS 430 Wade Park Boulevard, Suite 400 Raleigh, North Carolina 27607 License #F-1105 Project # 23.08.086 **Construction Documents**

SECTION 09 65 00

RESILIENT FLOORING

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Resilient tile flooring.
 - 2. Resilient wall base non-vented type.
- B. Related Requirements:
 - 1. Section 03 30 00 Cast-In-Place Concrete: Finishing of floor slab for resilient floor application.
 - 2. Sections indicating Plumbing, Electrical and Mechanical as related to floor installed devices such as drains, utility boxes, devices, and trim.

1.2 REFERENCES

- A. ASTM International (ASTM):
 - 1. ASTM D2240 Standard Test Method for Rubber Property-Durometer Hardness; 2015, Reapproval 2021.
 - 2. ASTM D3389 Standard Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader); 2021.
 - 3. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials: 2023d.
 - 4. ASTM E648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source; 2023.
 - 5. ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials; 2021a, Editorial Revisions.
 - 6. ASTM F150 Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring; 2006, Reapproval 2018.
 - 7. ASTM F386 Standard Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces; 2017, Reapproval 2022.
 - 8. ASTM F410 Standard Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement; 2008, Reapproval 2022.
 - 9. ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2022.
 - 10. ASTM F1066 Standard Specification for Vinyl Composition Floor Tile; 2023.
 - 11. ASTM F1344 Standard Specification for Rubber Floor Tile; 2021a.
 - 12. ASTM F1700 Standard Specification for Solid Vinyl Floor Tile; 2020.
 - 13. ASTM F1861 Standard Specification for Resilient Wall Base; 2021.
 - 14. ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2023.
 - 15. ASTM F1914 Standard Test Methods for Short-Term Indentation and Residual Indentation of Resilient Floor Covering; 2018, Reapproval 2023.
 - 16. ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2019a.
 - 17. ASTM F2195 Standard Specification for Linoleum Floor Tile; 2018, Reapproval 2023.
 - 18. ASTM F2421 Standard Test Method for Measurement of Resilient Floor Plank by Dial Gauge; 2019a.
- B. National Fire Protection Association (NFPA):

1. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source; 2023.

1.3 SUBMITTALS

- A. Section 01 33 00 Submittal Procedures: Submittal procedures.
- B. Product Data: Submit data describing physical and performance characteristics; include manufacturer's full range of sizes, patterns, colors, and finishes available; include moldings, transition and edge trim as indicated on Drawings and otherwise recommended by manufacturer of Resilient Floor products; include installation instructions.
- C. Shop Drawings: Submit shop drawings indicating each product, locations, layouts, dimensions, patterns, trim details, and interface with adjacent work by others.
- D. Samples for Initial Selection: Two manufacturer's complete set of color samples illustrating the full range of sizes, patterns, colors, and finishes available; submit for Architect's initial selections.
- E. Samples for Verification: From the Architect's initial selections, prepare and submit two samples for each selection; samples to be same product material type indicated for final Work; each sample 4 x 4 inches. Where finishes involve normal color and texture variations, include sample sets showing the full range of variations expected.

1.4 CLOSEOUT SUBMITTALS

- A. Section 01 78 23 Operation and Maintenance Data.
- B. Operation and Maintenance Data: Submit maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.
- B. Installer: Company specializing in performing Work of this section with minimum three years documented experience.

1.6 MOCK-UPS

- A. Section 01 40 00 Quality Requirements: Mock-up requirements.
- B. At project site, install mock-up using acceptable products and manufacturer approved installation methods, including concrete substrate testing. Obtain Architect's approval of mock-up.
 - 1. Mock-up Size and Locations: One typical room; location as indicated by Architect.
 - 2. Mock-up may be incorporated into the final construction upon Architect's approval for mock-up to remain.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Section 01 60 00 Product Requirements: Product storage and handling requirements.
- B. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.
- C. Store all materials off the floor in an acclimatized, weather-tight space.
- D. Maintain temperature in storage area between 55 degrees F and 90 degrees F.
- E. Protect roll materials from damage by storing on end.

F. Do not double stack pallets.

1.8 ENVIRONMENTAL REQUIREMENTS

- A. Section 01 60 00 Product Requirements: Requirements before, during and after Work.
- B. Store materials for not less than 48 hours prior to installation in area of installation at temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

1.9 WARRANTY

- A. Section 01 77 00 Closeout Procedures: Product warranties. : Provide a minimum of fifteen (15) year manufacturer's warranty.
- B. Vinyl Composition Tile: Provide five (5) year manufacturer's warranty.

1.10 SPARE PARTS AND MAINTENANCE PRODUCTS

- A. Section 01 60 00 Product Requirements: Extra materials, spare parts, and maintenance products.
- B. Resilient Flooring: Furnish to Owner the following for each type and color installed.
 - 1. Fifty (50) square feet of flooring.
- C. Resilient Wall Base: Furnish to Owner the following for each type and color installed.
 - 1. One hundred (100) linear feet of wall base.
 - 2. Ten (10) each of pre-molded corners matching color and profile of each wall base.

PART 2 PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Fire Performance Characteristics: Unless otherwise indicated, provide resilient flooring products with the following fire performance characteristics in accordance with the standards. Testing to be by a certified testing laboratory or other testing agency acceptable to authorities having jurisdiction:
 - 1. Surface Burning Characteristics: Maximum 25/450 flame spread/smoke developed index when tested in accordance with ASTM E84.
 - 2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter (Class 1) in accordance with ASTM E648 or NFPA 253.
 - 3. Smoke Density: 450 or less in accordance with ASTM E662.
- B. Static Load Limit: ASTM F970: 1500 PSI

2.2 RESILIENT TILE FLOORING

- A. Luxury Vinyl Tile (LVT):
 - 1. LVT1
 - a. Basis of Design: Pateraft Polychrome, ECRU 00120 9"x48" x 2.5mm
 - b. Alternate 1 Mannington Color Anchor, Cottontail 6"x36"x 2.5mm
 - c. Alternate 2 J & J Flooring Step by Step, Oatmeal 18"x36"x2.5mm
 - 2. LVT2
 - a. Basis of Design: Pateraft Polychrome, Balsam 00320 9"x48" x 2.5mm
 - b. Alternate 1 Mannington Color Anchor, Greentea 6"x36"x 2.5mm
 - c. Alternate 2 J&J Flooring Step by Step, Limeade 18"x36"x 2.5mm
 - 3. LVT3
 - a. Basis of Design: Pateraft Polychrome, Viridian 00380 9"x48" x 2.5mm

- b. Alternate 1 Mannington Color Anchor, Monstera 6"x36"x 2.5mm
- c. Alternate 2 J&J Flooring Step by Step, Forest 18"x36"x 2.5mm
- 4. LVT4
 - a. Basis of Design: Pateraft Polychrome, Cerulean 00220 V2 9"x48" x 2.5mm
 - b. Alternate 1 Mannington Color Anchor, Stonewash 6"x36"x 2.5mm
 - c. Alternate 2 J&J Flooring Step by Step, Sky 18"x36"x 2.5mm
- 5. LVT5
 - a. Basis of Design: Pateraft Equal Mix of LVT2, LVT3,LVT4.
 - b. Alternate 1 Mannington Equal Mix of Alternate 1 LVT2, LVT3,LVT4.
 - c. Alternate 2 J&J Flooring– Equal Mix of Alternate 2 LVT2, LVT3, LVT4.

B. Rubber Tile:

- 1. Manufacturers:
 - a. Flexco Corporation.
 - b. Johnsonite, a Tarkett Company.
 - c. Mannington Commercial.
 - d. Roppe Corporation.
 - e. Substitutions: See Section 01 60 00 Product Requirements.
- 2. Basis of Design:
 - As indicated on Drawings.
- 3. Class and Type: Comply with ASTM F1344.
 - a. Class I Homogeneous Rubber Floor Tile.
 - 1) Type A Solid Color.
- 4. Hardness: Comply with ASTM F1344 when tested in accordance with ASTM D2240.
 - a. Grade 1, minimum 85 Shore A durometer.
- 5. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter (Class 1), when tested in accordance with ASTM E648 or NFPA 253.
- 6. Tile Size:
 - a. As indicated on Drawings.
- 7. Total Thickness: 0.125 inch (3.2 mm).
- 8. Wear Layer Thickness: 0.040 inch (1 mm).
- 9. Pattern and Surface Texture:
 - a. As indicated on Drawings.
- 10. Color:
 - a. As indicated on Drawings.

2.3 RESILIENT WALL BASE - NON-VENTED TYPE

- A. Manufacturers:
 - 1. Mannington Commercial.
 - 2. Johnsonite, a Tarkett Company.
 - 3. Roppe Corporation.
 - 4. Substitutions: Section 01 60 00 Product Requirements.
- B. Basis of Design:
 - 1. Johnsonite, a Tarkett Company.
- C. Resilient Non-vented Wall Base:
 - 1. Comply with ASTM F1861.
 - a. Type:
 - 1) Type TS Rubber, vulcanized thermoset.
 - b. Group:
 - 1) Group 1 Solid.

- c. Style:
 - 1) Style B Top set, Cove.
- 2. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter (Class 1), when tested in accordance with ASTM E648 or NFPA 253.
- 3. Smoke Density: 450 or less in accordance with ASTM E662.
- 4. Height:
 - a. 4 inches.
- 5. Thickness: 0.125 inch thick.
- 6. Finish: Satin.
- 7. Length: Roll.
- 8. Accessories: Premolded external corners and end stops.
- 9. Colors: Solid.
 - a. To be selected by Architect from manufacturer's full range.

2.4 RESILIENT STAIR COVERING

- A. Manufacturers:
 - 1. Flexco Corporation.
 - 2. Interface, Inc.
 - 3. Johnsonite, a Tarkett Company.
 - 4. Mannington Commercial.
 - 5. Substitutions: Section 01 60 00 Product Requirements.
- B. Basis of Design:
 - 1. As indicated on Drawings.
- C. Critical Radiant Flux (CRF): Minimum 0.45 watt per square centimeter (Class 1) in accordance with ASTM E648 or NFPA 253.
- D. Smoke Density: 450 or less in accordance with ASTM E662.
- E. Material:
 - 1. Rubber.
- F. Covering Style:
 - 1. Nosing/Tread/Riser Style: Single piece covering full width and depth of stair nosing, tread, and riser in one piece; nosing not less than 1-3/4 inches deep.
 - a. Bottom edge of nosing is to abut and join to top edge of riser covering material below without gap or void and in a manner as to prevent protruding trip hazard at bottom of nosing edge.
- G. Nosing:
 - 1. Thickness: Minimum 0.210 inch.
 - 2. Angle and profile to match profile of riser below for full adhesion without gaps that could cause trip hazard.
- H. Tread Design Pattern:
 - 1. As indicated on Drawings.
- I. Stair Landings Flooring: Same manufacturer, material, color, and pattern as the Stair Covering.
- J. Colors: Integral throughout product.
 - 1. As indicated on Drawings.

2.5 ACCESSORIES

A. Subfloor Filler: Factory mixed latex type recommended by manufacturers of flooring and adhesive materials and compatible with substrate materials and conditions.

- B. Primers and Adhesives: Waterproof type recommended by manufacturer of flooring material and compatible with substrate materials and conditions.
- C. Moldings, Transition and Edge Strips: As indicated on Drawings or as otherwise selected by Architect from Product Data submittals.
- D. Feature Strips: Of same material as tile. Width as indicated on Drawings.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Section 01 73 00 Execution: Verification of existing conditions before starting work.
- B. Verify compliance with the requirements in the PART 1, ENVIRONMENTAL REQUIREMENTS article.
- C. Verify that existing conditions are as required before starting work of the Section.
- D. Verify that the assembled and finished floor system of this Section will finish flush with floor boxes, inserts, devices, and adjacent finished floors. This flush transition requirement cannot be over emphasized. The transition joints must be tight and flush to eliminate trip hazards.
- E. Verify that floor boxes, inserts, utilities, and other floor devices are installed in correct locations.
- F. Verify that overhead work trades have finished their work in the flooring areas.
- G. Verify that the building is dry, all openings are closed in, adequate ventilation is provided, and permanent heating and air conditioning is installed operating and providing the required conditioning of the air in the work area.
- H. Verify that surfaces are free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
- I. Verify that the concrete finish has been steel troweled to a true level and finished smooth and straight to a tolerance of 1/4 inch in a 10 foot radius. High spots are to be ground level and low spots filled in with approved leveling compounds to achieve the required elevation and level flatness.
 - 1. Sloped Concrete: Levelness is relative to slopes indicated such as slopes to drains.
- J. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive wall base material.
- K. Verify that the concrete substrate is dry in accordance with industry standard testing procedures, free of foreign materials, and broom cleaned.
- L. Cementitious Substrate Surfaces Testing: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).
 - 1. Alkalinity (pH) Testing: ASTM F710. Measurement for pH range is to be not less than 7 pH and not more than 9 pH, unless written recommendations of flooring manufacturer or adhesive manufacturer are more stringent.
 - 2. Internal Relative Humidity Testing: ASTM F2170. Perform test using in situ probes. Humidity level of substrates is to measure no more than 75 percent relative humidity level, unless written recommendations of flooring manufacturer or adhesive manufacturer are more stringent.
 - 3. Moisture Vapor Emission Testing: ASTM F1869. Perform anhydrous calcium chloride test. Moisture Vapor Emission Rate (MVER) from the slab is to be less than

- or equal to 3 lbs of water per 1,000 sf in 24 hours, unless written recommendations of flooring manufacturer or adhesive manufacturer are more stringent.
- 4. Conduct tests by an independent testing agency acceptable to Owner.
- M. Do not proceed with installation work until noncompliant conditions have been corrected.

3.2 PREPARATION

- A. Section 01 73 00 Execution: Prepare field conditions and existing construction for installation of work of this Section.
- B. Prepare materials to be installed and equipment to be used during installation.
- C. Prepare substrates to receive work as recommended by work product manufacturers.
- D. Remove sub-floor ridges and bumps. Fill minor low spots, cracks, joints, holes, and other defects with sub-floor filler to achieve smooth, flat, hard surface.
- E. Prohibit traffic until filler is cured.
- F. Clean substrate.
- G. Apply primer as recommended by resilient flooring product manufacturer and where required to prevent "bleed-through" or interference with adhesion.

3.3 INSTALLATION

- A. Section 01 73 00 Execution: Related to installation of Work.
- B. General:
 - 1. Starting installation constitutes acceptance of sub-floor conditions.
 - 2. Install in accordance with manufacturer's written instructions and recommendations to ensure warranty requirements.
 - 3. Spread only enough adhesive to permit installation of materials before initial set.
 - 4. Fit joints and butt seams tightly.
 - 5. Set flooring in place, press with heavy roller to attain full adhesion. Sound top surface of installed flooring material to ensure there are no hollow sounds (hollow sound may indicate flooring that is not fully adhered/bonded to substrate).
 - 6. Where type of floor finish, pattern, or color are different on opposite sides of door, terminate flooring under centerline of door (door in closed position).
 - 7. Install edge transition strips at unprotected or exposed edges, where flooring terminates, where flooring transitions to dissimilar flooring finishes and as indicated on Drawings.
 - 8. Resilient Strips: Attach to substrate using adhesive.
 - 9. Scribe flooring to walls, columns, cabinets, floor outlets, and other appurtenances to produce tight joints.
 - 10. Install flooring in recessed floor access covers, maintaining floor pattern.
 - 11. At movable partitions, install flooring under partitions without interrupting floor pattern.
 - 12. If feature strips/designs are indicated on Drawings, install feature strips/designs.
 - 13. Non-Factory Finished Flooring: Provide flooring finishes as indicated and in accordance with flooring manufacturer's recommendations.

C. Resilient Tile Flooring:

- 1. Mix tile from containers to ensure shade variations are consistent when tile is placed, unless otherwise indicated in manufacturer's installation instructions.
- 2. Unless flooring layout design is indicated otherwise on Drawings, lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.

3. Install tile to pattern indicated on Drawings. Allow minimum 1/2 full size tile width at room or area perimeter.

D. Resilient Wall Base:

- 1. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints.
- 2. Miter internal corners. At external corners, use premolded units. At exposed ends, use premolded units.
- 3. Install wall base on solid backing. Bond tightly to wall and floor surfaces. Bottom edge of wall base should be consistently in contact with finished flooring.
- 4. Scribe and fit to door frames and other interruptions.

3.4 CLEANING

- A. Section 01 73 00 Execution and Section 01 77 00 Closeout Procedures: Related to cleaning.
- B. Remove excess adhesive from installed work and adjacent surfaces without damage to surfaces.
- C. Clean and maintain the work.

3.5 PROTECTION OF INSTALLED CONSTRUCTION

- A. Section 01 73 00 Execution: Protecting installed construction.
- B. Prohibit traffic on flooring for duration recommended by manufacturer and not less than the following:
 - 1. Light Foot Traffic: 24 hours after installation.
 - 2. Rolling Load Traffic: 72 hours after installation.
- C. Protect the work from stains and damage.

END OF SECTION



ITEM#	REQUEST LOCATION Plans/Spec/Bid Manual	QUESTION	RESPONSE	RESPONDER	ANSWER DATE	TRADE/SCOPE	REQUEST BY
1	Plans / S-301	In reference to the Control joint on S-301 detail 14, shows CJ at columns but none are shown on the Slab Plan. Please provide a drawing showing CJ around Columns to insure the CJ are in the correct location.	Column diamonds have been added to the slab plan. Control joints have been shifted slightly to align with diamonds.	B&P	3/5/2025	BP0330	Metcon
2	Plans	There are a few floor drains located throughout the building but nowhere on the drawings show sloped concrete, please advise if the concrete slab needs to be sloped to the drain in a few areas.	There are not additional floor sloping at floor drains. For kitchen floor drains refer to details 1 and 2 on A-511. In restroom locations reduce floor sink dimension to 2'x2'.	SFL+a	3/5/2025	BP0330	Metcon
3	Plans	Hose bibbs are located in a few mechanical closets but aren't in all. Please confirm if hose bibbs are required in other mechanical closets.	Hose bibbs are located correctly and are not intended to be in all locations.	SFL+A	3/5/2025	BP2200	Metcon
4	Plans	Need extended column lines from north to south on Structural and Architectural	Column lines have been extended on structural and architectural plans	SFL+A	3/5/2025	All	Metcon
5	Plans	I- Beams in area 600,300,400,500 do not show TOS elevations	TOS elevations have been added to steel in areas 300, 400, 500, 600	SFL+A	3/5/2025	BP0510	Metcon
6	Plans	In lieu of the front miscellaneous steel angle on the perimeter roof edge / face of the building. We suggest using metal framing	If this is referring to detail 9/S-402 then it is acceptable to replace the L6x4x3/8 steel angle with a heavy gage cold form angle. The cold form angle must be sufficiently attached to the steel plate at the top of the wall.	SFL+A	3/5/2025	BP0510	Metcon
7	Plans / A-010	Wall type L8A6 shown on A-010. Clarify where this wall type is located.	Wall type has been removed.	SFL+a	2/26/2025	General	Metcon
8	Plans	No electrical floor box dimensions.	Electrical floor boxes have been dimensioned.	SfL+a	3/13/2025	Electrical/ Concrete	Metcon
9	Plans / A-411	In reference to detail 8 on A-411 the casework does not show a clear dimension off of the adjacent wall. Please provide	Dimensions to be provided in Addendum #1.	SfL+a	3/3/2025	BP1230	Metcon
10	2.25.2025 Plans & Specifications	Room Identification Signs Please provide a signage schedule for the required room identification signs detailed on A-702	Signage schedule will not be provided. Refer to specification for additional details.	SFL+a	3/5/2025	BP1014	AOA Signs
11	2.25.2025 Plans	Dimensional Letter Sign - Building Face - Building Name Please confirm the required copy: E.B. FRINK MIDDLE SCHOOL (18"). Please provide an exterior elevation drawing detailing the location of these building letters.	Drawings have been updated to indicate location and dimension. See specification for revisions. Revisions to be issued in forthcoming addendum.	SFL+a	3/5/2025	BP1014	AOA Signs
12	2.25.2025 Plans & Specifications	Primary Monumental Site Sign Spec: (48) Total Characters (12")	A-502 is correct. Specs to be revised.	SFL+a	3/5/2025	BP1014	AOA Signs

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13	2.25.2025 Pla	ns & Specifications	Interior Metal Letters Please confirm the required quantity of the following: MEDIA CENTER, BAND, AGRICULTURE, ART, CHORUS, BUSINESS, STEM, HEALTH, BOYS, GIRLS	Refer to specification 101400 Part 2.6.B.5. for sign quantities requested.	SFL+a	2/26/2025	BP1014	AOA Signs
14	2.25.2025	Scope	Warning Stencils Typically, Warning Stencils are NOT included in Signage Bid Packages. Are Warning Stencils included in Bid Package 1014 Signage?	Will be excluded from Signage bid package BP1014 in forthcoming Addendum	Metcon	2/26/2025	BP1014	AOA Signs
15	2.25.2025	Scope	Bid Package 1014 Signage: Scope F.3. "Subcontractor to furnish all exterior sign bases." Is the site sign masonry base (A-502) to be included in Bid Page 1014 Signage	Masonry exterior sign base will be excluded from Signage bid package BP1014 scope in forthcoming Addendum	Metcon	2/26/2025	BP1014	AOA Signs
16	2.25.2025	Scope	In the Bid Manual it has Roof panels as part of the Wall Panel Scope but does not call out any of these products or systems in the additional scope breakdown. Will it be acceptable to bid just the wall panels and soffit panels as our scope of work?	The metal roof system was moved to the BP0750 Turnkey Roofing scope and removed from the BP0740 Wall Panels scope. Wall and soffit panels remain in BP0 This will be updated in the forthcoming addendum.	Metcon	2.26.25	BP0740	Bonitz
17	2.25.2025	Scope	I noticed there is not a scope work for the wood athletic flooring in the bid documents. I'm assuming it's still being revised?	Yes, this will be included in the forthcoming Addendum	Metcon	2.25.2025	BP0962	Bonitz
18	2.25.2025	Specifications	The vented cove base is included in two spec sections-wood athletic flooring 096466 and resilient flooring 096500. Can you confirm it needs to be covered by the wood athletic flooring package?	Vented base to be covered by Wood Athletic Flooring package. Spec 096500 Section 2.4 to be removed for clarity in Addendum #1.	SFL+a	3/3/2025	BP0962	Bonitz
19	2.27.2025	Plans	Please provide EOS dimensions, Center of footing dimensions off column lines, Center of columns in reference to column lines.	Footing centerline and EOS dimensions have been added	SFL+a	3/5/2025	BP0330	Metcon
20	2.27.2025	Plans	Note on elevations on 6/A-411 & 5/A-412 at Science classrooms calls for resinous finish at the eyewash stations on both the walls and the floors. The finish plans, however, show the eyewash stations get LVT flooring. Please confirm which floor finish is correct.	Resinous flooring to be provided at eyewash stations, Finish Plans to be revised in Addendum #1.	SFL+a	3/3/2025	BP0960	Bonitz
21	2.27.2025	Bid From	Is there any consideration for the bond requirements to be help at the \$300,000 limit for the signage package rather than \$100,000? There is a good chance the \$100,000 limit could prevent us from bring able to pursue this project.	This will be changed in Addendum #1 to be \$300,000 or greater requires a 10% bid bond.	Metcon	3/5/2025	BP1014	AOA Signs
22	2.27.2025	Bid From	Additionally, can you clarify if the \$160,000 worth of signage allowances have to be in our base bid or if they will be carried by you as the CM?	This allowance has been reduced to \$10,000 to be carried by the CM and will be updated in the specifications in the forthcoming addendum.	Metcon	3/4/2025	BP1014	AOA Signs
23	3.3.2025	Plans	Finish schedule notes for RF1 and RF2 rubber stair finishes. These finishes are not in spec 096500 that indicates sizes, profiles desired. Please advise.	Spec 09 65 00 to be updated in Addendum #1.	SFL+a	3/3/2025	BP0960	Bonitz
24	3.3.2025	Plans	Gym Storage #122A is hatched with LVT1 on the finish plan. Finish tag notes for floor finish to be SC1. Please advise on correct floor finish.	Flooring in Gym Storage 122A to be Sealed Concrete, hatch pattern to be updated in Addendum #1.	SFL+a	3/3/2025	BP0960	Bonitz
25	3.3.2025	Plans	#122A also has a step up to platform 122. Note on A-111 says to reference A-432 for typ. stair details, but doesn't note which detail is used. Please advise if this step will receive a rubber stair tread/riser (16/A-432) or will be just a concrete filled pan (13/A-432).	Refer to detail 13/A-432 detail for concrete filled pan. Detail 16 has been removed.	SFL+a	3/5/2025	BP0960	Bonitz

METCON Page: 2 of 6



26	3.3.2025	Plans	Please confirm stair 216 will need RF1 at the mid-landing and rubber treads/risers as noted in detail 16 on A-432. Detail 16 has been removed. Refer to detail 13 for typical detail. Sealed concrete.	SFL+a	3/5/2025	BP0960	Bonitz
27	3.3.2025	Scope	Neither specifications nor scope of work details what type of floor protection is desired at the carpet/resilient/epoxy flooring. Should we price Ram board throughout? Yes, this will be included in scope packages BP0960 Resilient Flooring & Carpet and BP0967 Epoxy Flooring in the forthcoming Addendum	Metcon	3/3/2025	BP0960	Bonitz
			END ADDENDUM 1				
4	2.27.2025	Plans	Need extended column lines from north to south on Structural and Architectural Column lines have been extended on structural and architectural plans	SFL+A	3/5/2025	All	Metcon
5	2.27.2025	Plans	I- Beams in area 600,300,400,500 do not show TOS elevations TOS elevations have been added to steel in areas 300, 400, 500, 600	SFL+A	3/5/2025	BP0510	Metcon
6	2.27.2025	Plans	In lieu of the front miscellaneous steel angle on the perimeter roof edge / face of the building. We suggest using metal framing If this is referring to detail 9/S-402 then it is acceptable to replace the L6x4x3/8 steel angle with a heavy gage cold form angle. The cold form angle must be sufficiently attached to the steel plate at the top of the wall.	SFL+A	3/5/2025	BP0510	Metcon
8	2.27.2025	Plans	No electrical floor box dimensions. Electrical floor boxes have been dimensioned.	SfL+a	3/13/2025	Electrical/ Concrete	Metcon
19	2.27.2025	Plans	Please provide EOS dimensions, Center of footing dimensions off column lines, Center of columns in reference to column lines. Footing centerline and EOS dimensions have been added	SFL+a	3/5/2025	BP0330	Metcon
28	3.4.2025	Drawings	In reference to detail 6 S-302 "Detail At Low Concrete Wall" it shows CMU below grade with a concrete beam on top. We suggest the entire wall be concrete from a constructability stand point. The entire wall has been changed to concrete.	SFL+a		BP0330	Metcon
29	3.4.2025	Drawings	In reference to the bearing plate schedule, bearing plates do not show any nelson studs the drawings do show anchor rods in the "Beam Bearing Detail" is this correct? We suggest Nelson studs for CMU bearing. We do not want to use nelson studs for these bearing plates because we need to allow form some slight movement caused by thermal expansion.	SFL+a		BP0510	Metcon
30	3.5.2025	Drawings	In reference to detail 17 on A-432, the CMU wall and top of footing needs fluid applied water proofing to alleviate water intrusion. We do not see this as a concern for water intrusion. Install wall as shown with vapor barriers as indicated.	SFL+a	3/13/2025	BP0714	Metcon
31	3.5.2025	Drawings	Exterior Painting RFI: Based on Specs: 09.90.00, Drawings A201-A211 Are BRK 1-2, FMP 1-4, & FMS-1 callouts manufactured or do all of these callouts need to be painted? All exterior finishes are to be manufactured finish. Not painted in field unless noted otherwise for example touch ups as required by specs.	SFL+a	3/13/2025	BP0990	That 1 Painter
	3.5.2025	Drawings	Exterior Painting RFI: Based on Specs: 09.90.00, Drawings A201-A211 Is there any exterior painting? No. There is no exterior paint. All MTL panels will have shop applied finishes.	SFL+a	3/13/2025	BP0990	That 1 Painter
32	3.5.2025	Drawings	Ceiling Painting: (A-514 - 516) The blank spaces in the RCP plans, are those to be painted as well? Question is unclear. If the question is regarding areas that are exposed to structure on the RCPs, refer to general note 3 on the RCP legend that states all exposed structure to be painted. If the question is regarding a ceiling detail found on the sheets referenced in the RFI, please clarify.	SFL+a	3/13/2025	BP0990	That 1 Painter

METCON Page: 3 of 6



34	3.5.2025	Drawings	Confirming interior scope to be Walls, Ceilings, Trim & Doors.	Refer to Paintings & Coatings Scope BP0990 Section F. for project specific scope requirements	Metcon	3/13/2025	BP0990	That 1 Painter
35	3.6.2025	Scope	For both the waterproofing and masonry scopes, under the list of Scope of Work Specifications, both scopes have section 07 95 13 listed for expansion joint cover assemblies. Is this double covered? If so who owns it?	Both scopes have been clarified to confirm the expansion joint covers are to be included in the Dampproofing, Waterproofing, Fireproofing & Joint Protection Scope #BP0710 and NOT the Turnkey Masonry Scope #B00420. These revisions are included in the forthcoming Addendum 2.	Metcon	3/20/2025	BP0400	Southeastern Contracting
40	3.6.2025	Drawings	I can't find any expansion joints larger than 1" on the drawings, and these would not get metal covers. Can you confirm that there are no expansion joints on the project that would require metal covers?	Will be addressed in forthcoming addendum	SFL+a	3/20/2025	BP0400	Southeastern Contracting
36	3.6.2025	Drawings	Regarding detail 1/a502, what is the top of wall here? This is not shown on the grading plan.	Refer to detail 1/A-502 for elevation above finish grade. Signs approximate location is indicated on page C3.1 by note 16. Contractor to coordinate exact location in field with architect. Coordinate power as indicated on E-010.	SFL+a	3/13/2025	BP0400	Southeastern Contracting
37	3.6.2025	Scope	Who is responsible for drill and epoxy dowels at thickened slab per 9/s301?	Masonry subcontractor to furnish and install dowels at thickened slabs. This wall be clarified in the Masonry Scope BP0420 to be updated in the forthcoming Addendum #2.	Metcon	3/13/2025	BP0400	Southeastern Contracting
38	3.6.2025	Drawings	Reference detail 1/a501. SEC is requesting to use 3 inch Rigid insulation below FF on entire project with grout fill and Dampproofing in place of the spray foam noted on the drawings for constructability purposes. Using Rigid will ensure the cavity between brick veneer ledge and CMU is full and dry before the veneer is constructed at a later date. This is typical on most jobs to use this method. Water always poses a problem with spraying the foam later. The CMU has to be dry and able to receive the spray foam, please advise.	subs Metcon to coordinate	SFL+a		BP0400	Southeastern Contracting
39	3.6.2025	Specifications	In the specifications division 1 there are allowances given for the two brick colors, but in division 4 they have specified what those two brick colors are. Should we get pricing from the vendor or just use the allowances?	Contact the vender	SFL+a		BP0400	Southeastern Contracting
41	3.7.25	Drawings	Please provide dimensions for bollards off building face	Will be addressed in forthcoming addendum	SFL+a		BP0510	Metcon
42	3.11.2025	Bid Docs	Do the signatures on the sealed bid forms have to be original.	Yes	Metcon	3/13/2025	BP2100	S&S Sprinkler
43	3.11.2025	Bid Docs	What is the MWBE Goal percentage for this project?	20%	Metcon	3/13/2025	BP3290	Southern Garden
44	3.11.2025	Bid Docs	What are LD'sRetainagestart and completion dates?	Please see Bid Manual for information regarding LD's. Projected Start Date is 7.14.2025 and completion is 12.15.2026 but subject to change.	Metcon	3/13/2025	BP3100	Hine Sitework
45	3.11.2025	Bid Manual	Can you clarify bid date again?	Bid Date is April 24, 2025	Metcon	3/13/2025	BP0400	Brody Contractors
46	3.11.2025	Scope	Will there be a composite cleanup crew requirement?	Please reference your scope of work	Metcon	3/13/2025	BP0400	Brody Contractors
47	3.11.2025	Bid Manual	What will the sub-contract language be regarding escalation and tariff's?	The language will be similar to the following. The sub is responsible for all laws, tariffs and taxes in effect at the time of bid. Laws, and tariffs enacted after shall be the responsibility of the owner.	Metcon	3/13/2025	BP2100	S&S Sprinkler

METCON Page: 4 of 6



			410 0011001101				
3.11.2025	Bid Manual	What is the best way to provide bid documents to interested HUB bidders? Do you have a common link that we can issue when we solicit them?	We do not, You can add them to the bid invite via building connected as a bid invite. This is to assure they receive all up to date information. You can also gain access though metcons website in or plan room.	Metcon	3/13/2025	NA	NA
3.13.2025	Drawings	Details 3 & 4/A-311 appear to show spray foam insulation at the underside of the hollow core planks. The same spray foam is not shown on other HC plank details. Please confirm requirements of spray foam insulation at underside of hollow core planks.	This is not spray foam. This is the bottom side of the hollow core in the distance due to the slope of the planks.	SFL+a	3/13/2025		Metcon
3.13.2025	Drawings	Door 607 is not shown in the Door Schedule on A/601. Please update.	Revision made. See revised drawings	SFL+a	3/13/2025		Metcon
3.14.2025	Drawings	Please provide the BOS elevation for the 30X173 located above the stage for bearing elevation	Bottom of steel elevation has been added to detail 5/S-122	SFL+a	3/14/2025	BP0512	Metcon
3.17.2025	Drawings	Please provide cut detail on the Roof Framing Plan-Area 200 at column line J between intersecting column line 5 and 8 at the W beams.	etail for this section cut has been added to the revised drawings. See new detail 15/S-	SFL+a	3/17/2025	BP0513	Metcon
3.18.25	Drawings	Please provide a detail where brick meets metal panel wall at south at canopy column and at front entrance	Will be addressed in forthcoming addendum	SFL+a			
3.18.2024	Scope	Bid package #0420 Turnkey Masonry Scope Item #34a - states that "limited usage of HM Frames will be utilized on this project. Where HM frames are required by code, they will be bolted frames. This subcontractor shall be responsible for the filling of these frames with grout". Our interpretation is that the masonry scope #0420 is to include providing block outs only for doors/frames, windows/frames, louvers/frames, etc. and for the grouting of the bolted hollow metal frames. The installation of hollow metal bolted frames, aluminum frames, louvers, etc. will be a part of other scopes of work (bid packages). Please confirm that our interpretation is correct.	The scopes have been updated to clarify that the HM frames are to be installed by the subcontractor that provides the wall. HM frames in masonry will be installed in scope BP0420. HM frames installed in framed walls are installed by the subcontractor installing the framed walls. Grouting of all HM frames is part of BP0420. This will be clarified in the forthcoming Addendum f2.	Metcon		BP0420	JB Overman N
3.18.2024	Scope	Please confirm the HM Frames required by code are the same quantity as indicated on the door schedule shown on Sheet A-601.	That is correct.	Metcon		BP0420	JB Overman M
3.20.25	Drawings	Sheet A-102 – This sheet indicates control joint locations using a "CJ" abbreviation with an arrow pointing to a red line. There are many locations that just provide a red line. Should these locations be considered the same as the locations that include the "CJ" abbreviation and arrow?	Will be addressed in forthcoming addendum	SFL+a		BP0421	JB Overman M
3.20.25	Drawings	Sheet A-010 – Detail 2/A-010 – In regard to the Zee Anchors (rigid partition anchors), we concur with using zee anchors at the corners and tee's and this is in agreement with Specification 04 20 00 Section 3.3 Installation:K. They are also shown to occur at straight wall (butt) control joint locations (see snippet). Is this correct? Additional information pertaining to this question is as follows: Specification 04 20 00 Section 3.3 Installation:P:2&3 - this narrative contradicts the aforementioned (butt) control joint details by stating the following: (2) "Do not continue horizontal joint reinforcement through expansion joints" (the strap seems to contradict the this break in reinforcement). (3) "Install preformed control and expansion joint device in continuous lengths. These preformed devices are not shown in the detail and the zee/stran/partition anchors would interfere with the installation of these devices. Specifical chors (rigid partition/st Proposition anchors would interfere with the installation of these devices. Specifical chors (rigid chors (rigid chors some sealent chors (rigid chors (rigid chors some sealent chors sealent chors sealent chors (rigid chors some sealent chors sealent chor	Will be addressed in forthcoming addendum	SFL+a		BP0422	JB Overman M



58	3.20.25	Drawings	dot/circles placed directly at the outside corners that require this condition. This is per the floor plan legend shown on each sheet. There are many CMU outside corners that are not marked with this dot. Do all of the CMU outside corners receive the bullnose condition or does the bullnose condition only occur where these dot symbols are shown?	y where dots occur. We will complete an internal review and provide revisions if needs	SFL+a	BP0423	JB Overman Masonry
				END ADDENDUM 2			





Agenda



- ABOUT METCON
- PROJECT TEAM
- KEY DATES
- LINES OF COMMUNICATION
- PROJECT INFORMATION
- SAFETY & HEALTH GUIDELINES
- MWSBE COMPLIANCE & WORKFORCE DEVELOPMENT
- HUB CERTIFICATION
- PREQUALIFICATION
- BID DOCUMENTS
- QUESTIONS / COMMENTS

About Us Metcon

ABOUT US





Established in 2000



Headquartered in Pembroke, NC



143 Employees



Divisions: Pembroke, Charlotte, Raleigh, Infrastructure



Completed over 800 projects



Focused on K-12 projects



Over 40 Successful CMAR projects in Eastern North Carolina



Strong Subcontractor Relationships



Project Team

Introduction to the Project Team





Dr. Brent Williams, LCPS Superintendent

Design Team

Architect



Civil Engineer

Timmons Group

Plumbing/Mechanical/Electrical Engineer/Technology Design

Optima Engineering

Structural Engineer

Bennett & Pless

Food Consultant

Foodesign Associates, Inc.

Fire Protection/Fire Alarm

Optima Engineering

Introduction to the Project Team



Brandon Harper	Vice President - Preconstruction	
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Randel Doubty Superintendent III

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910.322.2220

Jason Jackowitz Director of Safety

jjackowitz@metconus.com

704.284.7717

Key Dates

Key Dates – Bid Dates



Pre-Bid	03.11.25
Last Day for RFI	04.11.25
Last Addendum	04.17.25
BID DAY	04.24.25
Rebid (If Needed)	05.01.25
Tentative NTP	07.14.25

(Notice to Proceed)



Lines of Communication



ALL COMMUNICATION SHALL GO THROUGH METCON-CONSTRUCTION MANAGER

HUB/MWBE PARTICIPATION QUESTIONS: SEND TO

JDEANS@METCONUS.COM OR CALL JASON DEANS (980) 253-5799

PRE-QUALIFICATION QUESTIONS: SEND TO

THARRIS@METCONUS.COM OR CALL TINA HARRIS (910) 521-8013

ALL RFIs: SEND TO

AAVERY@METCONUS.COM OR CALL ANDREA AVERY (919) 322-2220

OR Send through Building Connected.

Project Information

Bid Packages



- GENERAL TRADES
- FINAL CLEANING
- TURNKEY CONCRETE
- HOLLOW CORE PLANKS
- TURNKEY MASONRY
- STRUCTURAL STEEL
- DAMPROOFING & WATERPROOFING
- WALL PANELS
- TURNKEY ROOFING
- FIRE & SMOKE PROTECTION
- DOORS, FRAMES, & HARDWARE
- SPECIALTY DOORS
- ALUMINUM STOREFRONT & GLAZING
- METAL FRAMING & GYPSUM BOARD
- HARD TILE
- ACOUSTICAL CEILINGS & PANELS
- RESILIENT FLOORING & CARPET
- ATHLETIC FLOORING
- EPOXY FLOORING
- TERRAZZO (ALTERNATE)
- PAINTINGS & COATINGS

- VISUAL DISPLAY UNITS
- SIGNAGE
- INTERIOR SPECIALTIES
- STORAGE SPECIALTIES
- AWNINGS & CANOPIES
- STAGE EQUIPMENT
- FOOD SERVICE EQUIPMENT
- ATHLETIC EQUIPMENT
- WINDOW TREATMENTS
- MANUFACTURED CASEWORK
- TELESCOPIC BLEACHERS
- FIRE SUPPRESSION
- PLUMBING
- HVAC
- GEOTHERMAL
- ELECTRICAL, COMMUNICATIONS, FIRE ALARM, & TECHNOLOGY
- TURNKEY SITEWORK
- FENCE & GATES
- LANDSCAPING (PLANTING & IRRIGATION)
 & SITE FURNISHINGS

Project Information



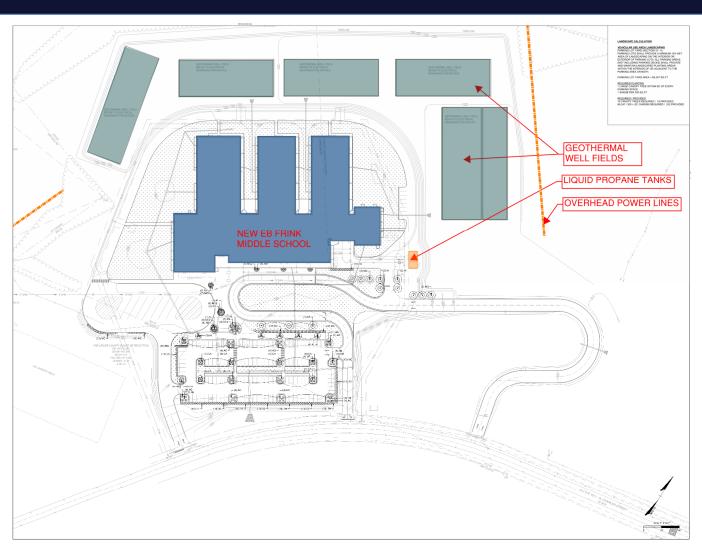
EB Frink Middle School

- Approx. 96,319 SF building
- Single Story with mechanical mezzanine
- TPO & Standing Seam metal roof systems on steel joists, LGMF trusses and Hollow Core concrete planks on CMU walls.
- Exterior finishes include Brick, Metal Wall Panels, Aluminum windows and Storefront
- Geothermal System
- Interior Finishes include Carpet Tile, LVT, Epoxy, and Tile with an alternate for terrazzo



Project Information – Overall Site





Project Information – Site Logistics



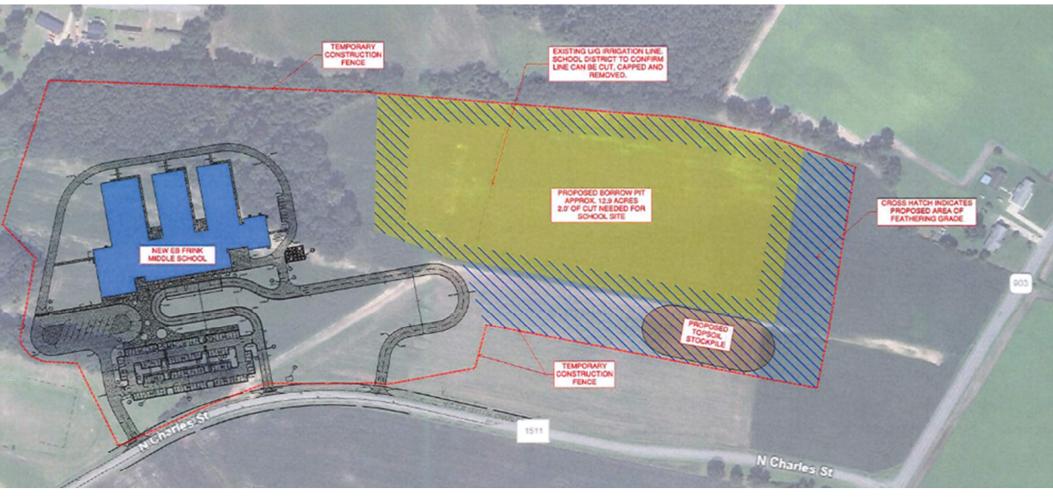
E.B. Frink Middle School



Project Information – Borrow Pit Exhibit

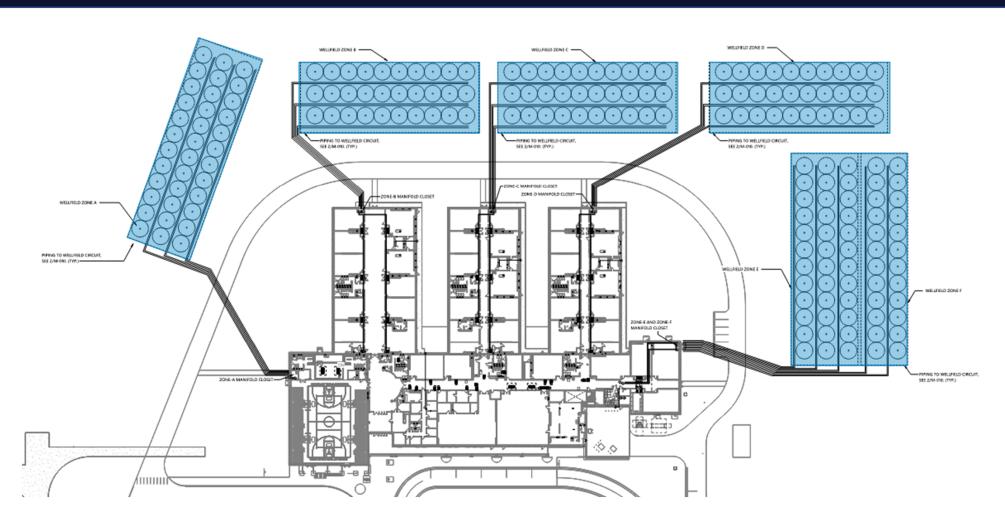


E.B. Frink Middle School



Project Information – Geothermal Site Plan

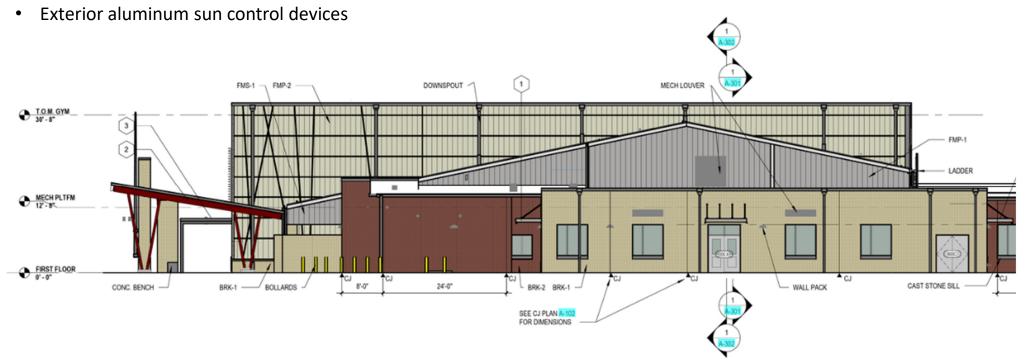




Project Information – Exterior Elevation – East

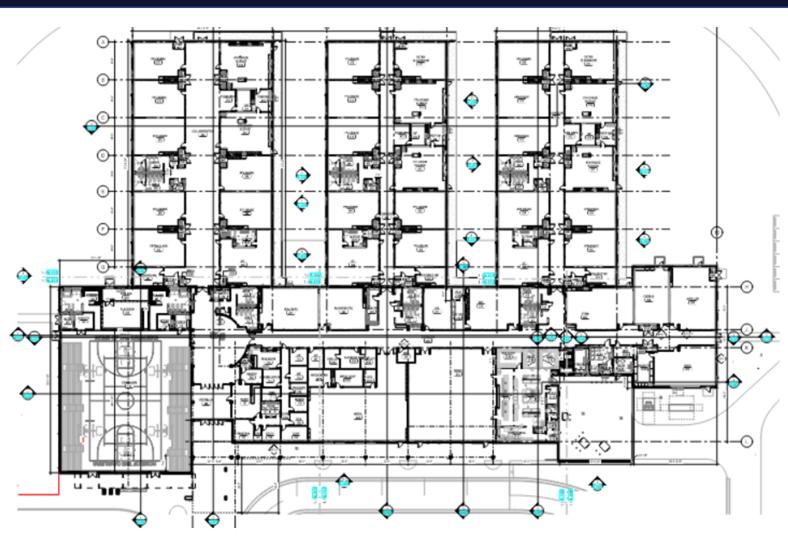


- Face Brick #1 Ivory Stone
- Face Brick #2 Red Wirecut
- Cast Stone Sills
- Metal Wall Panels
- Aluminum Canopy and Storefront Systems



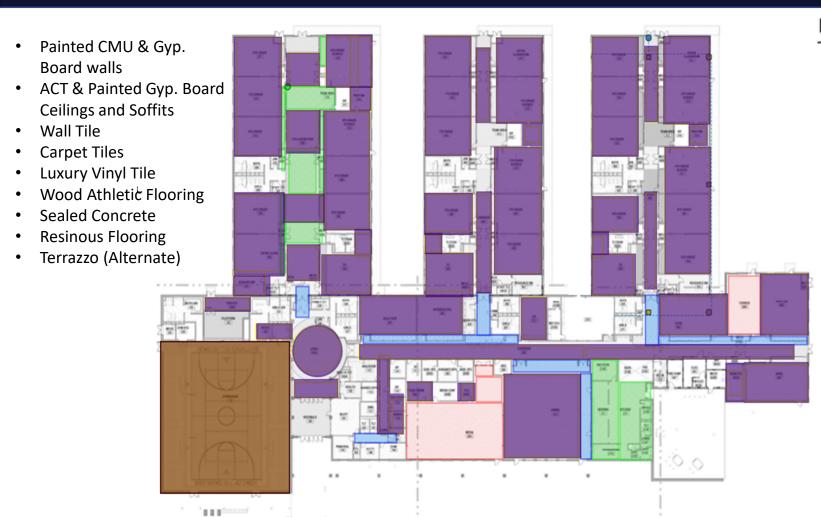
Project Information – Overall Floor Plan





Project Information – Floor Plan





FLOOR PATTERN PLAN LEGEND





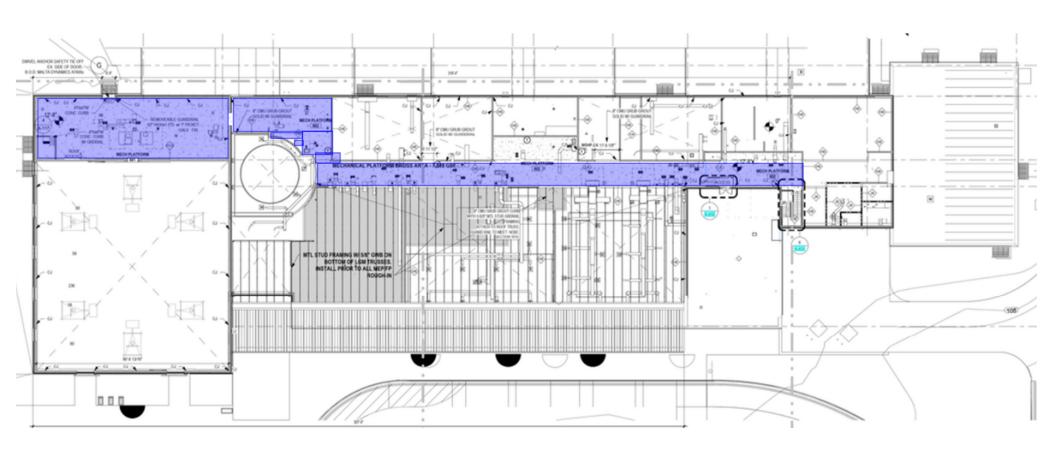






Project Information – Mechanical Platform





Project Information – Overall Roof Plan





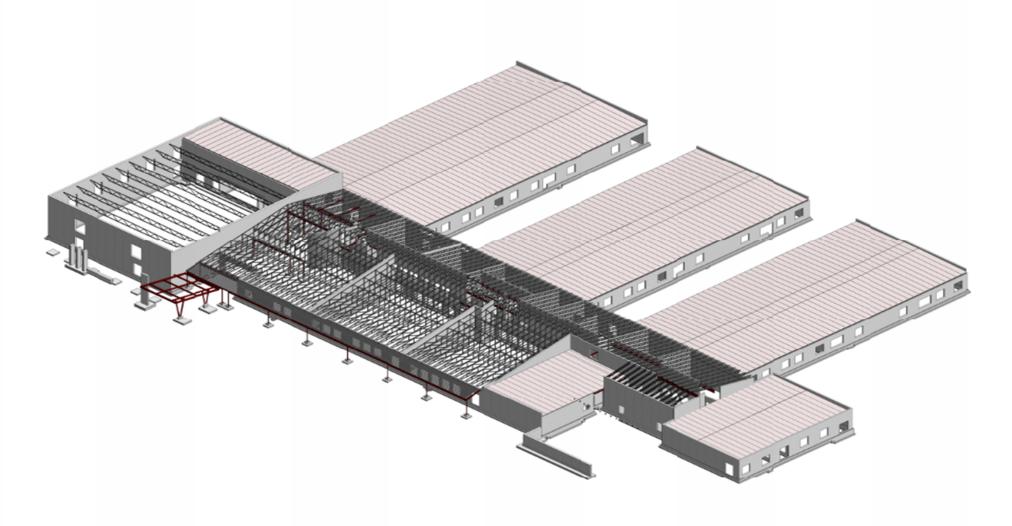
Standing seam metal panel on Rigid ISO & LGMF Trusses

TPO Membrane on Rigid ISO and Steel Joists



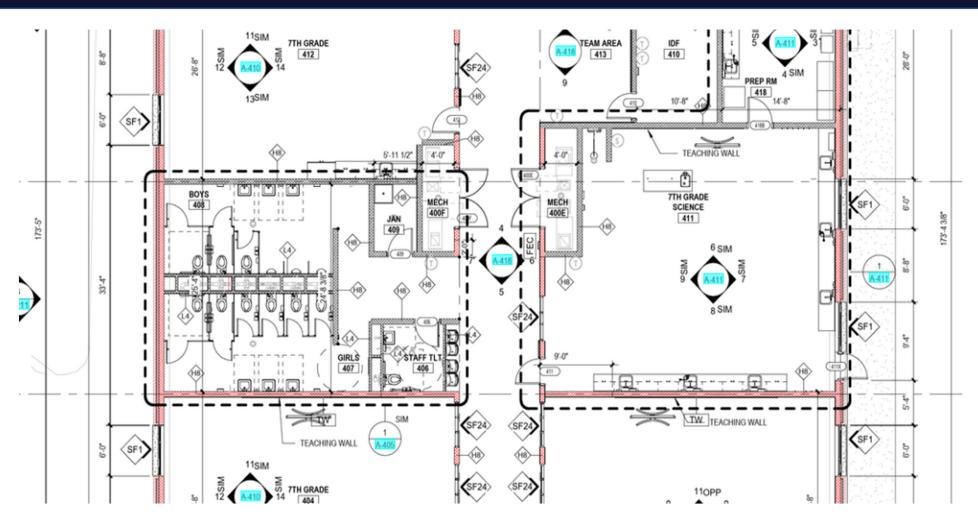
Project Information – Structural Isometric





Project Information – Typical Classroom





Project Information – Alternates



- ALTERNATE No.01 (a-f) Replace LVT with Resinous Matrix Terrazzo Flooring
- ALTERNATE No.02a Door Hardware Cylinders and Keying (Owner Preferred)
- ALTERNATE No.03 Access Control Systems (Owner Preferred)
- ALTERNATE No.04 Intercom (Owner Preferred)
- ALTERNATE NO.05 Heavy Duty Pavement Section
- ALTERNATE NO.06 100% Import Fill in lieu of Onsite Borrow Pit (Addendum 1)

Safety & Health Guidelines



Metcon Robust Safety Program



1 of 23 General
Contractors in NC in
OSHA
Building Star Program!

- ✓ NCDOL OSHA Building Star
- ✓ Safety Submittal Review/Approval
- ✓ Safe Start Meeting
- ✓ Site Safety Orientation
- ✓ Trade Partners/ Worker Involvement
- ✓ Informal Training
- ✓ Safety Committee
- ✓ Safety Recognition Program
- ✓ Covid-19 Guidelines



Safety



Safety Submittals Review/Approval

DECUIII	SITE SPECIFIC SAFETY SUBMITTAL RETURN CHECKLIST
Project Name	subcontractor Name:
Superintende	ent: Project Manager:
	iizing onsite, Subcontractors shall submit for review/approval to Metcon's Safety ollowing mandatory safety documents
(NO EXCEPT	<u> </u>
■ Execute	d/Signed Subcontractor Health & Safety Commitment Agreement
	written Site-Specific Plans, with Site-Specific Scopes of Work, Job Hazard (JHA) detailing your scope of work, and OSHA or project required training as ry.
For Exam	nple:
0	Crane/Lift Plan Fall Protection Plan Scaffold Plan Excavation Plan
☐ Project (Competent Person Designation Form needs to be completed and reviewed.
	of Trained and qualified equipment operators as required by the scope of the Cranes, Forklifts, Aerial Lifts, etc.
Sheets-S	Hazard Communication Program & Chemical Inventory List (Safety Data SDS) needs to be created for all chemicals and materials used or stored on the ist be in a 3-ring binder)
site. (mu	
_	and Health Training Certification Form needs to be completed and shall include
Safety a training r	and Health Training Certification Form needs to be completed and shall include

The above requested safety information Shall be submitted for review and approval to Metcon's Safety Director prior to attending Subcontractor Safe Start meeting or mobilizing onsite.



Job Hazard Analysis

		JHA #							
Activity/Work Task/Contractor:	Medium Voltage Switching by Industrial High Voltage (tier of Gould)	Overall Risk Assessment Code (RAC) (Use highest code)			L				
Project Location:	Los Alamitos Joint Readiness Center	Risk Assessment Code (RAC) Matrix							
Contract Number:	12238000	Sav	erity		F	robability	,		
Date Prepared:		360	erity	Frequent	Likely	Occasional	Seldom	Unlikely	
Prepared by (Name/Title):	David Sellers/ General Foreman		strophic itical	E	H	H	H M	M	
Reviewed by (Name/Title):	Steven Hild/ Owner		rginal ligible	H	M	M	L	L	
Notes: (Field Notes, Review Comments, et This JHA covers the steps to isolate			each "Hazard" with		'Controls" ar	d determine RAC	(See above)		
conductors into the East Power Loc information contained on Jacobs Pr	p. This JHA is based on	"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.					RAC Chart		
E003.	ojourno. Francisco Francisco Francisco	occur and identified as: Catastrophic, Critical, Marginal, or Negligible				0 H	E = Extremely High Risk H = High Risk		
		Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on JHA. Annotate the overall highest RAC at the top of JHA. L = Low Risk							
Job Steps	Hazards		Controls					RAC	
Mobilization, Equipment and Material Strains/sprains Placement Struck by equipment/material		al	Warm up and strotch. Be careful when lifting—use a partner for fleavier equipment/material. Use a mechanical lift in needed. Use safe lifting techniques—bend knees and lift with legs while keeping load close to body. Wear proper PPE: Hard Hats, Gloves, Vests and Eye Protection. Never move material/equipment over or above workers. Be aware of surroundings while moving material and pay attention to the path of travel. Communicate clearly with crew persons. Back up alarms shall be audible and sufficiently distinct to be heard above surrounding noise levels. Signalpersons/spotters to be used when vision or path of travel is obstructed.					L	
	Equipment malfunction Caught in/between	Equipment malfunction Caught in/between		Before initial use, all equipment must be inspected and found in good operating condition. Do not wear loose clothing or jewelry that could become entangled in equipment. Long hair must be secured under hard hats. Use a pry bar or other mechanical means to help position equipment/material in order to keep fingers and hands					



Safety Training Certification

Job Hazard Analysis



Safe Start Meeting (2-weeks prior to mobilization on-sire)

Job Hazard Analysis (JHA)

Severity	ACTIVITY/WORK TASK:	Overall Risk Assessment Code (RAC) L							
Severity Frequent Likely Ocasional Seldom Unlikely		ON:			Probability				
DATE OF START: Catastrophic Catastrophic Critical E H H M M L L L L L L L L				Severity		y			
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Critical E H H M L	DATE OF START:								
H=HIGH RISK (FEAD DIRECTOR) Identify the RAC (Probability/Severity) as E. H. M. or L for each *Hazard*_Blace* the highest RAC at the top of AHA. This is the overall risk assessment code for this activity					E				M
H=HIGH RISK (FEAD Identify the RAC (Probability/Severify) as E. H. M. or L for each "Hazard" Place the highest RAC at the top of AAA. This is the overall risk assessment code for this activity. M = MODERATE RISK (CM or ET or PAR)	CONTRACTOR COMPETENT PERSON:							M	L
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M = MODERATE RISK (CM or ET or PAR) L = LOW RISK (ET or PAR) Job Steps Hazards 1. Mobilization/Build Crane Hand tools Have motion or other ergonomic concerns Sharp objects - Slippery surfaces (water ice, snow) 2. Direct Loads to unloading area 3. Rig steel to be unloaded/hoisted to laydown area Improper rigging equipment (Iring equipment (forkiffs, hoists) Pinch Points Lacerations Improper/Damage Rigging Struck by swinging loads Falling Load Improper or incorrect crane signals SUB JHA Scope of Work AHA. This is the overall risk sasessmént code for this activity "Severity" is the outcomeldegree if an incident, near miss, or accident did occur and identified as: Catastrophic, Cracea, Harmania, or Regigible after controls are put in place. Prior to the commencement of work, a safety orientation and AHA review will take place with the SSHO -Prior to the commencement of work, a safety orientation and AHA review will take place with the SSHO -Prior to commencing any Crane operations an approved crane plan must be on site and reviewed prior to crane operations will cease upon sustained 25mph wind, or lightning within 5 miles or both. -A tino time will there be personnel under a suspended load. A Signalman/lager will be in control of all movements of the crane by the use of hand signal, 2-way Radios or both. -Use Flagmen to direct truck into location. Chock Tires if ground is slope > 2 degrees. -Use proper PPE (Hard Hat, Gloves, Safety Glasses, Steel Toed Boots) -Chocs correct and inspected rigging to direct crane/forkliftUse 3 points of contact to access/egrees trailer. -Severity* is the outcomeldegree if an incident, are risk and reviewed prior to crane plan must be on site and reviewed prior to crane operations an approved crane plan must be on site and reviewed prior to crane operations. -Crane plan must be on site and reviewed prior to crane operationsCrane plan must be on site and reviewed prior to crane operationsCrane plan must be on site and reviewed prior to crane operations.	TI THOU BIOK (FEAR					L	L	L	L
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SUB JHA Scope of Work Scope of Work	Rig steel to be unloaded/hoi	uding Wind) ergonomic urfaces (water in motion g it hoists)	-Prior to commencing any Crane operations an approved crane plan must be on site and reviewed prior to crane operations -Crane operations will cease upon sustained 25mph wind, or ter lightning within 5 miles or both. -At no time will there be personnel under a suspended load. A Signalman/rigger will be in control of all movements of the crane by the use of hand signal, 2-way Radios or both. -Use Flagmen to direct truck into location. Chock Tires if ground is slope > 2 degreesUse proper PPE (Hard Hat, Gloves, Safety Glasses, Steel Toed Boots) -Choose correct and inspected rigging ₩ -Use proper hand signals to direct crane/forkliftUse 3 points of contact to access/egress trailerSelect stable laydown area for steelUse proper dunnage.						
Scope of Work -Inspect rigging before use -Stay clear of swinging and overhead loads -Use Tag lines to control load	SUB IHA	Improper or incorrect crane	e signals		nand protecti	on and be	aware of ha	nd	
Scope of Work -Stay clear of swinging and overhead loads -Use Tag lines to control load					before use				
-One rigger to signal at a time, using clear signals	Scope of Wo	<mark>rk</mark>		-Stay clear of s -Use Tag lines	winging and to control loa	ad			



*Attended by Subcontractor Project Manager & Foreman / Metcon's Project Team and EHS

Safety



Safety Monitoring Awareness

				BUILI	DINGS III INFRASTRUCTURE			
DAILY PRE-T	ASK SAFE	TY PLANNING "	PTP"					
THIS FORM IS REQUIRED TO E	SE TURNED IN EVER	RY MORNING BEFORE THE S	TART OF WORK					
Date: Company:	Jobsite:		ondition/Temperature:					
Description of Activity:		Number of workers for this task:						
Supervisor:		Specific Location of Task:				bcontracto	,	
Evaluating Your Work A	rea (Circle Yes				Safety I	nspection F	Report	
 Have you walked your area? Yes No Are you working around power lines? Yes No 		Do you have the PPE needed for thi Are the required materials and tools			Job:	Date:		
 Does this task require special training? Yes No 		Are fire extinguishers nearby and ful	lly charged? Yes No		Contractor: Supt/Foreman:			
 Is a SDS onsite if using a chemical for this task? Yes No Is air monitoring required? Yes No 		Does this task involved confined spa Is there a safety issue that has not b	een addressed? Yes No; if	yes, explain below	indicate in space if Y = if compliant N= if needs impro-	vernent N/A =If Not A	pplicable	
 Are work permits required for this task? Yes No; if yes, are the Are you familiar with evacuations routes? Yes No 	hey filled out? Yes No	Has U-locate (811) been contacted a	and underground utilities mar	rked? Yes No	N= please list comment & date action was corrected			Date
 Have all tools/equipment been inspected prior to use? Yes N 		ou tag them out and remove from site	? Yes No		Decription Y	N N/A	Comments	Corrected
 Has this task been coordinated with other trades (if applicable) Potential Hazard Checklist (licable) - REQUIRED TO B	SE COMPLETED		Personal Protective Equipment Hard Hats are being worn			\pm
Pinch points Inadequate Access	Hazardous Chemicals	Falls from Elevation	List of PPE that's required:		Safety glasses are being worn Respirators are used when required	-		$\overline{}$
Back-up hazards High Noise Levels Particles in Eyes Fall Objects	Heat Exhaustion/Stress Sharp Objects/ Tools	Confined Spaces	Hard Hat X	Face Shield	Hearing protection being worn when required			ightarrow
Elevated Work Manual Lifting Housekeeping Chemical Spill	Excavations Lockout/Tagout	Fire/Hot Work Scaffolding	Safety Glasses _X HI-Vis Clothing/Vest _X	Respirator	Safety west hi vis shirt being worn Housekeeping	+-		-
Chemical Burns Ladders Crushing/Cave-in Electrical	Rigging	Power Tools Other (explain below)	Gloves X Protective Clothing	Welding Shield Torch Goggles	General neatness of work area			
	U-Locate (811) called		Other:		Projecting nails removed or bent over Waste containers provided and used	+		+
Description/Steps of Activity Listed Above – THIS SECTION IS REQUIRED TO BE FILLED OUT	Hazarda Asi THIS SECTION IS	REQUIRED TO BE FILLED OUT	Required Actions to Elimin THIS SECTION IS REQUIR	nate or Control the Hazard RED TO BE FILLED OUT	Passageways and walkways clear Cords and leads off of the floor			=
1.					Fire Prevention			+
2.					Adequate fire extinguishers, checked and accessible	$\overline{}$		$\neg \neg$
					"No Smoking" posted and enforced near	 		+
3.					flammables Electrical	+ + -		+-
4.					Extension cords with wires exposed or missing			$\neg \neg$
5.	<u> </u>				ground prone; taken out of service GFCT: tested and in place where needed			\pm
					Temporary power boxes equipped with required covers			
		ED, USE THE BACK OF THIS PAGE*			W-47	\top		$\neg \neg$
***SIGNATURES OF ALL EMPLOY	EES ASSOCIATED WI	TH THIS TASK SHALL BE ON T	HE BACK OF THIS PTP*	•••	Hand Power & Powder Actuated Tools Hand Tools impected regularly	+ + -		+
My Signature on the back of this sheet acknowledges I attended this i	PTP meeting and was propert	y equipped and trained for the tasks assign	ned, and that I was not injured on	the Job the previous day.	Guards in place on machines Right tools being used for job at hand	$\overline{}$		$\overline{}$
						+		+-
	SUB Daily	, PTP			Operators of powder actuated tools are licensed? Fall Protection	+		+
300 Daily 1 11					Safety rails and cables are secured properly	\bot		$\Rightarrow \Rightarrow$
					Harness & Laynards being used correctly Condition of harnesses, lanyards, retraactables &	+ + -		+-
					lifelines Fall protection in place at 6'	+-		+
	. ——			~ ~	Fall Protection in all lifts			
		ГҮ МА			Floor openings - guardrail used or cover secured & properly marked			\perp
	$\mathbf{A} \; \mathbf{\Gamma} \; \mathbf{\Gamma}$	IVIA			Impalement protection as needed Ladders	$\overline{}$		$\overline{}$
					Ladders extend at least 36" above landing			\pm
					Ladders are secured at top & bottom Ladders with split or missing rungs taken out of	-		$\overline{}$
			T		service	+-		-
	'				A Frame ladders used in fully open position Proper ladder proceedure discussed			\pm
		ETCON						
The state of the s					CLID Marala	l C - 4	C	
					SUB Week	iy 5a1	rety Audi	τ

SUB Weekly Tool-Box Talks

TOOL BOX SAFETY TALK: SCISSOR LIFT SAFETY

MWSBE Compliance and Workforce Development



Project Goals



Help us EXCEED our goal!

20% MWSBE

- ✓ Assist with prequalification
- ✓ Identify subcontracting opportunities
- ✓ Information sharing
- ✓ Virtual Compliance workshop
- ✓ Matchmaking
- ✓ Certification Assistance

MWSBE Compliance and Workforce Development

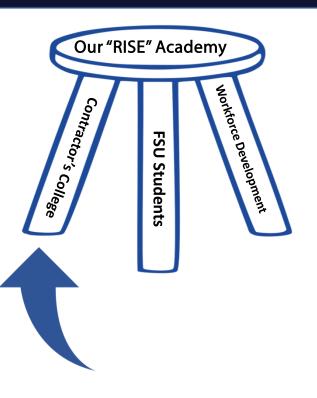




- Prequalification Assistance How-To's
- Scope Review/Take Offs Pre & Post Bid Help
- Tailor Scopes/Bid Packages
 Smaller Packages
- Teaming Agreements 1st & 2nd Tiers
- Reduced Bond Amounts
- Post –Bid Instruction
 Submittals, Pay Apps, RFI's
- Training
 Safety & Various Workshops

MWSBE Compliance and Workforce Development





Contractor's College

Understanding HUB Certification

- Ensures all Local/MWBE Get NC HUB Certified
- Understanding "How to Get Prequalified"
- The Process/forms for NC CMAR

Bid Packages and Scopes of Work Workshop

- Estimating & Bid Procedures for NC CMAR
- Understanding Your Scope of Work:
- What all is included in your price?
- Making sure you understand the scope things to watch out for
- Breaking down the specifications, scope of work to prepare a proper bid

Matching 2nd and 3rd Tier Firms with Prime Contractors Event /Bonding Agents

- Strategies for Building Relationships and Bonding Capacity
- Strategies to maximize HUB/MWBE Participation for Each Bid Package





TOOLS FOR SUCCESS

Minority Trade Associations

United Minority Contractors of NC

Contact: Brenda Pollard Phone: 919-817-8626

Address: 5 W Hargett Street, Ste 311, Raleigh, NC 27601

Website: https://umcnc.org

Office for Historically Underutilized Businesses 1336 Mail Service Center Raleigh, North Carolina 27699-1336 Call 984-236-0130

Email: huboffice.doa@doa.nc.gov





MWSBE Compliance and Workforce Development

Involving the **Community** in a Meaningful Way

- Strengthen the workforce pipeline on all fronts
- Align Trade Partners and Community Partners
- Develop a Centralized Outreach/Recruit Forum
- Pre-apprentice Participants
- Major Primes to present list of job openings [full, part-time, temporary] Upon Award
- Participate in Career Fair/Training Events
- Increase Construction Labor Force in NC

Involving the community in meaningful ways



Awareness | Opportunity | Putting People to Work

- Metcon's Community and Education Foundation
- Connect Youth to Jobs & Training in Construction Career Fairs, Apprenticeships
- Make Career Connections on Your Project
- Work Force Development
- Establish Partnerships in the Community
- Re-entry Work Program







HUB Certification



Certification on the HUB Office Website

HUB Office website:

https://ncadmin.nc.gov/businesses/hub

Announcements



Save the Date!

2023 NC Statewide MED Week Celebration - October 31, 2023

Certifications have moved online!

Start the certification process at https://evp.nc.gov/

Ready to learn?

The HUB Office offers a number of training resources, including a library of webinars. Check them out!

Register for outreach and training events.



Interested in becoming certified through the HUB Office?

The NC HUB Office offers a Statewide Uniform Certification (SWUC; aka HUB certification) and an NC Small Business Enterprise (NCSBE) certification.

Quick Links

State of NC Disparity Study

Submit Solicitation Opportunities

Request HUB outreach/training

About HUB/HUB Legislation

Governor's Advisory Council on HUB

Contact Us

Prequalification

Project Prequalification Submittal (Part A)



NOTICE TO ALL SUBCONTRACTORS: All sections of thi ONCE A YEAR and filled out in its entirety. This form	ractor Master Prequalification Form (Annual Submittal) is Part A: Master Prequalification Form (Annual Submittal) must be provided will expire on June 30° of each year and requires an update after July 1°. If be rejected. A separate Part B: Project Specific Supplement is required for ated together for the specific project.
Part A: Master Prequalification (Annua	al Submittal)
Submittal Date:	
Expiration Date:June 30 th of each Year	(Name of CM at Risk firm)
	, and of an actual jump
1. Main Office Location & Company C	ontacts
Physical Address	
Mailing Address	
City/State Zip Code + 4	
()	()
Phone number	Fax number
President/CEO	CFO
Primary Pregualification Contact Name	Primary Pregualification Contact Phone Number
Primary Prequalification Contact Name	Primary Prequaincation Contact Phone Number
Primary Prequalification Contact Email Address	Company Website
Secondary Prequalification Contact Name	Secondary Prequalification Contact Phone Number
Secondary Prequalification Contact Email Address	
2. Business Type	
(check box) Corporation Partnership Limit	ted Liability Company Sole Proprietor
Indicate your NC Statewide Uniform Certification: MBE □ HBE □ AABE □ AIBE □ WBE □ SDB □ DB	BE NONE (other)
See website link for more information: http://ww	w.doa.nc.gov/hub/swuc.htm
	e Secretary of State to conduct business in the State of North Carolina?
Is your firm registered with the Department of the ☐ Yes ☐No	

Part A: CM at Risk 1st Tier Sub Master Prequalification Form (Annual Submittal)

- 1. Main Office Location & Company Contacts
- 2. Business Type
- 3. Licensing Information
- 4. Type of Scope of Performed
 - Completed Projects
- 5. Size of Company (Past 5 years)
- 6. Current Workload
- 7. Safety
 - EMR Ratings Experience Modification Ratings
 - RIR Ratings Recordable Incident Rate
 - DART Days Away Restricted or Transferred
 - OSHA 300 Reports
- 8. Litigation, Claims, Criminal Convictions
- 9. HUB HUB Plan
- 10. Signature

Required Supplemental Information Needed for Part A

- Recent Audited or Reviewed Financial Statements
- Bonding Letter
- COI
- EMR from Insurance Company
- OSHA 300 Reports
- Copy of HUB Certification
- Copy of Professional Licenses (If Applicable)

Project Prequalification Submittal – Annual Form Part A



Part A: Civi at Risk 1* Her	r Subcontractor Master Prequalification Form (Annual Submittal)
requirements of State Construction Ma	nstrate compliance with insurance coverages which meet or exceed the minimum anual OC-15 Article 34. Yes No https://ncadmin.nc.gov/businesses/construction/forms-documents
List all other names and years of opera	ation that your firm has operated under for the past five (5) years:
3. Licensing Information	
	essional licenses required for you to perform your services.)
NC License Type (check hox) El Genera	al Construction ☐ Electrical ☐ Mechanical ☐ Plumbing
☐ Fire Protection ☐ Other (Trade Speci	
NC License number/name of licen	nsee License Limit/Level
NC License number/name of ficer	License Limity Level
	to 12 E. V. C. B. No. V. co. along the other
Has any license ever been denied or re	evoked? Yes No IT yes, please describe why,
Has any license ever been denied or re	evoked? Yes No If yes, please describe why,
Has any license ever been denied or re	evoked? Yes No If yes, please describe why,
	Average project size (in terms of revenue), Largest project size
4. Type of Scope Performed, (in terms of revenue)	Average project size (in terms of revenue), Largest project size
4. Type of Scope Performed, (in terms of revenue)	
4. Type of Scope Performed, (in terms of revenue)	Average project size (in terms of revenue), Largest project size
4. Type of Scope Performed, (in terms of revenue) List all Scopes of Work for which you w	Average project size (in terms of revenue), Largest project size
4. Type of Scope Performed, (in terms of revenue) List all Scopes of Work for which you w For Each Scope of Work list the followin Scope #1:	Average project size (in terms of revenue), Largest project size yould request prequalification review in the upcoming year (Bid Packages): Ing with values from the last 5 years. (Provide references upon request of the CM) Percentage of Self Performed Work:
4. Type of Scope Performed, (in terms of revenue) List all Scopes of Work for which you w For Each Scope of Work list the followin Scope #1:	Average project size (in terms of revenue), Largest project size rould request prequalification review in the upcoming year (Bid Packages): ing with values from the last 5 years. (Provide references upon request of the CM)
4. Type of Scope Performed, (in terms of revenue) List all Scopes of Work for which you w For Each Scope of Work list the following Scope #1: Average project size (\$):	Average project size (in terms of revenue), Largest project size rould request prequalification review in the upcoming year (Bid Packages): Ing with values from the last 5 years. (Provide references upon request of the CM) Percentage of Self Performed Work: Largest Project Size (\$5):
4. Type of Scope Performed, (in terms of revenue) List all Scopes of Work for which you w For Each Scope of Work list the following Scope #1: Average project size (\$): Scope #2:	Average project size (in terms of revenue), Largest project size yould request prequalification review in the upcoming year (Bid Packages): Ing with values from the last 5 years. (Provide references upon request of the CM) Percentage of Self Performed Work:
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Part A: CM at Risk 1st Tier Subcontractor Master Prequalification Form (Annual Submittal)

Indicate your two **largest** completed projects in the last 5 Years per scope. If submitting for multiple scopes, submit multiple sheets.

#1 –Completed - Project Name	
Description of Work Performed	
Contract Delivery Method (CMAR or GC?)	
Owner Name/ Representative	
Architect Name/Representative	
GC or CM Name/Representative	
GC or CM Address/Phone #/Email	
Lost Man-hours due to Accident	
Final Contract Dollar Value	
HUB % Achieved (on Contract	
Value)	
Date Complete	

#2 -Completed - Project Name	
Description of Work Performed	
Contract Delivery Method (CMAR or GC?)	
Owner Name/ Representative	
Architect Name/Representative	
GC or CM Name/Representative	
GC or CM Address/Phone #/Email	
Lost Man-hours due to Accident	
Final Contract Dollar Value	
HUB % Achieved (on Contract	
Value)	
Date Complete	

Project Prequalification Submittal – Annual Form Part A



Part A: CM at Risk 1st Tier Subcontractor Master Prequalification Form (Annual Submittal)	Part A: CM at Risk 1st Tier Subcontractor Master Prequalification Form (Annual Submittal)
5. Size of Company	
List the annual dollar value of billings the company has performed for each year over the last (5) five fiscal years (most recent Y/E listed first).	Does your company have a Written Safety Program and Plan in compliance with current OSHA requirements for your scopes of work (Y/N):
Year #1 (20) - \$	Does your company provide weekly training to your on-site employees (Y/N):
Year #2 (20) - \$	Does your company perform weekly safety inspections on the jobsite? (Y/N):
Year #4 (20) - \$	
Year #5 (20) - \$	8. Litigation, Claims, Criminal Convictions & Administrative Actions Has your company filed any claims against a CM at Risk or General Contractor within the last five years, whether resolved or still pending resolution? Yes No If yes, state the project name(s), year(s), and reason why:
6. Current Workload Number of active projects that your company is presently working on Remaining revenue to earn (backlog) on active projects	Has your company been involved in any judgments, arbitration or mediation proceedings, or suits within the last five years, whether resolved or still pending resolution? Yes No If yes, state the project name(s), year(s), case number and reason why:
7. Safety List your company's Experience Modification Rate (EMR) for past five years. Refer to Supplemental information, Item 4 for Insurance Carrier letter supporting Present Rate EMR.	Has your company ever failed to complete work awarded to it or has your company's work been supplemented by a CMAR or GC? Yes No If yes, please provide project name(s), year(s), and reason why:
Present Rate Last Rate Year before rate Year before rate Year before rate If any year your rate is over 1.00 please explain why:	Have you ever paid liquidated damages on any project? Yes No If yes, state the project name(s), year(s), and reason why.
List your company's Recordable Incident Rate (RIR) for past five years:	Has your bonding company had to take any of the following actions in the last 10 years: Project technical support, Payments to vendors, Supplement worko na contract, or complete a contract for your company? ☐ Yes ☐ No If yes, state the project name(s), year(s), and reason why.
Present Rate Last Rate Year before rate Year before rate Year before rate	
List your company's Days Away Restricted or Transferred Rate (DART) for past five years:	Has a Bid Bond ever been collected upon on a project your company bid in the last 5 years? Yes No If yes, state the project name(s), year(s), and reason why.
Present Rate Last Rate Year before rate Year before rate Year before rate	
List any OSHA fines and Jobsite fatalities in the past five (5) years. Please attach OSHA report describing the incident:	Has your present company, its officers, owners, or agents ever been convicted of charges relating to conflicts of interest bribery, or bid-rigging? Yes No. If yes, state the project name(s), year(s), and reason why.
Does your company have a dedicated safety individual who inspects job sites on a regular base? If yes, please provide name and contact information for this individual:	

Project Prequalification Submittal – Annual Form Part A



	ur present company, its officers, owners, or agents ever been barred from bidding public work in North Carolina?
∐Yes [No If yes, state the project name(s), year(s), case number and reason why.
	listorically Underutilized Business (HUB) Plan
	ne company currently have a documented plan for engaging subcontractor participation from Historically utilized Businesses? Yes No if yes, please attach your company's HUB plan.
10 5	ignature
	ng this document, you are acknowledging that all answers are true to the best of your knowledge. Any answers
	o be falsified will ban you from being prequalified for projects.
X	
Signatu	re Date
Signatu	re Date
	re Date
Printed	
Printed	Name and Title
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Printed Requ prequ	Name and Title ired Supplementary Information that needs to be included at the same time the
Printed Requ prequ	in Name and Title ired Supplementary Information that needs to be included at the same time the unlification form (Part A) is submitted.
Printed Requ prequ	ired Supplementary Information that needs to be included at the same time the lalification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements.
Requ prequ 1)	ired Supplementary Information that needs to be included at the same time the talification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available.
Requ prequ 1)	ired Supplementary Information that needs to be included at the same time the ualification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what
Requ prequ 1) 2)	ired Supplementary Information that needs to be included at the same time the talification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available.
Requiprequip	ired Supplementary Information that needs to be included at the same time the ualification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies. Letter from Insurance carrier stating last five years of EMR ratings.
Requiprequip	ired Supplementary Information that needs to be included at the same time the palification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies.
Printed Requ 1) 2) 3) 4) 5)	ired Supplementary Information that needs to be included at the same time the palification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies. Letter from Insurance carrier stating last five years of EMR ratings.
Printed Requ 1) 2) 3) 4) 5)	ired Supplementary Information that needs to be included at the same time the ualification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies. Letter from Insurance carrier stating last five years of EMR ratings.
1) 2) 3) 4) 5) 6)	ired Supplementary Information that needs to be included at the same time the palification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies. Letter from Insurance carrier stating last five years of EMR ratings.
1) 2) 3) 4) 5) 6)	ired Supplementary Information that needs to be included at the same time the valification form (Part A) is submitted. Your most recent CPA audited or reviewed financial statements. Bonding Letter from your Surety Company listing single and aggregate bonding limits and what bonding capacity that is available. A current Certificate of Insurance listing all insurance policies. Letter from Insurance carrier stating last five years of EMR ratings. The last five years of your OSHA 300A report Copy of HUB Certification (if Applicable)

	Part A: CM at Risk 1st Tier Subcontractor Master Prequalification Form (Annual Submittal)
incomp	is of supplementary information shall be provided. If they are not, then the prequal is deemed ete and may be rejected. If for some reason you are unable to provide one of the items listed a xplain below.

Project Prequalification Submittal (Part A) – TRADE TAPP





PUBLIC LINK TO QUALIFY

The public link to qualify can be added to your company's website for subcontractors to self-invite and complete your questionnaire. As a helpful reminder, each invite utilizes qualification point(s). Questions?

Reach out to support

http://app.buildingconnected.com/_/risk/public-invite/5913920ece945d0a00d28670

Project Prequalification Submittal (Part B)



Part B: CM at Risk 1st. Tier Subcontractor Pregualification (Project Specific Supplement) NOTICE TO ALL SUBCONTRACTORS: This Part B may be used as a project specific "short form" supplement to the pregualification process, ONLY IF, said Subcontractor has submitted to the CMAR a "Complete" Master Pregualification Package Part A during the July 1 to June 30 fiscal year period of the project specific pregual advertisement Subcontractor hereby agrees that the "complete" Master prequal Part A submitted to the CMAR dated ___/__/20____remains in good standing for the overall accuracy of the subcontractor for the fiscal period.

Yes No If no, explain the material changes safety, leadership or ownership, company size, licenses, type of work performed, financials, bonding, insurances, litigation, etc.: (if changes are substantial to complete evaluate prequal, the CMAR may require Subcontractor to submit an updated Master Prequal and reject this supplement 1. Information 1.a. Name of Project Advertised: 1.b. Subcontractor Full Company Name: __ 1.b.1 Primary Contact Full Name: 1.b.2 Primary Contact Phone No.: 1.b.3 Primary Contact email Address: 1.c. Check the Boxes on the Attached Exhibit 1 (Listing of Bid Packages) to indicate which Bid Packages this Subcontractor is requesting to Prequalify for on this Project and return with Prequalification Part B. 1.d. Does Subcontractor intend to Partner or Joint Venture with another Subcontractor for this Project: No yes, list the Companies involved and their applicable participating percentage: 2. Updated Company Information (from Part A; Master Prequalification Form) 2. a. Update your Current Backlog \$_______(unearned revenue as of date of this supplement) 2. b. Attach updated Bonding letter from your Surety if anticipated Bid Package will exceed \$300,000. Letter shall be dated within the last 30 days. Have you attached a surety letter? ☐ Yes ☐ No 2.c. Attach a list to Part B of all the Projects working with the CM at Risk of the Project in the last 5 years 3. Project Specifics 3.a. The assigned project superintendent for this projectshall be:_ Include a resume. Have you included a resume? ☐ Yes ☐ No 3.b. Experience of the superintendent on this specific type of project is: 0-2 3-4 5-10 >10 years. 3.c. The assigned project manager for this project shall be Include a resume. Have you included a resume? ☐ Yes ☐ No 3.d. Experience of the project manager on this specific type of project is: 0-2 3-4 5-10 >10 years. 3.e. List three (3) current or completed projects of similar type which most closely reflects the size and complexity of the type of work being requested for the currently proposed project within the last 5 years. #1 -Similar Project Name (Size / Scope / over 50% Competed) Description of Work Performed Completion Date (or expected) Owner Name/ Representative Owner Address/Phone #/Email Architect Name/Representative Architect Address/Phone #/Email GC or CM Name/Representative GC or CM Address/Phone #/Email Contract Dollar Value

Percentage Complete

HUB Percentage Achieved

Percentage Complete
HUB Percentage Achieved

3.f. Lado Resources for this project

3.f. Lado f. Resources for this project

3.f. La = supervisors and foreman = ____each

_each

Part B: CM at Risk 1st Tier Subcontractor Prequalification (Project Specific Supplement)

3.f.1.b = skilled tradesman = ____each 3.f.1.3 = unskilled tradesman = ___each

Signatures

#2 -Similar Project Name (Size /

Scope / over 50% Competed)

Description of Work Performed

Completion Date (or expected)

Owner Name/ Representative

Owner Address/Phone #/Fmail

Architect Address/Phone #/Email

GC or CM Name/Representative

GC or CM Address/Phone #/Email

Contract Dollar Value

Percentage Complete

HUB Percentage Achieved #3 –Similar Project Name (Size /

Scope / over 50% Competed)

Description of Work Performed Completion Date (or expected) Owner Name/ Representative

Owner Address/Phone #/Email

Architect Name/Representative

GC or CM Name/Representative GC or CM Address/Phone #/Email

Contract Dollar Value

Architect Address/Phone #/Email

By signing this document, you are acknowledging that all answers are true to the best of your knowledge. <u>Any answers</u> found to be falsified will bar you from being prequalified on this project.

Dated this day of:

Submitted by:

Signature By Authorited Officer Print Title of Authorited Officer

5. Scoring Matrix for Part A plus Part B

See Exhibit 2; CM at Risk Subcontractor scoring Matrix

Part B: CM at Risk 1st Tier Subcontractor Prequalification (Project Specific Supplement)

heck BP	Preliminary Package	Scope of Work	Bid
	BP017000	FINAL CLEANING	\$ 114,674.0
	BP017100	GENERAL TRADES	\$ 413,996.0
	BP024000	DEMO	\$ 720,000.0
	BP033000	CAST-IN-PLACE CONCRETE	\$ 2,324,972.0
	BP340000	PRE-CAST CONCRETE	\$ 1,434,391.0
	BP042000	MASONRY	\$ 3,459,150.0
	BP051000	STRUCTURAL STEEL	\$ 3,591,000,0
	BP052000	MISCELLANEOUS METALS	\$ 363,150.0
	BP0618000	GLU-LAM	\$ 909,900.
	BP071000	WATERPROOFING, JOINT EXPANSION & EXPANSION JOINTS	\$ 171,810.
	BP0724000	EFIS	\$ 506,250.
	BP074000	WALL PANELS	\$ 553,095,
	BP075000	TURNKEY ROOFING	\$ 2,150,586,
	BP081000	DOORS, FRAMES, & HARDWARE	\$ 548,280.
	BP083000	SPECIALTY DOORS	\$ 67,500.
	BP084000	STOREFRONT	\$ 3,271,612.
	BP092000	METAL FRAMING & GYPSUM BOARD	\$ 1,526,874.
	BP093000	HARD TILE	\$ 36,610.
	BP095000	ACOUSTICAL CEILINGS	\$ 535,343.
	BP095100	ACOUSTICAL WALL PANELS	\$ 155,029
	BP096000	RESILIENT FLOORING & RESILIENT ATHLETIC FLOORING	\$ 757,170.
	BP0964000	ATHLETIC FLOORING - WOOD FLOORING	\$ 230,076
	BP096700	EPOXY FLOORING	\$ 197,416.
	BP099000	PAINTING & COATINGS	\$ 395,814.
	BP101000	SIGNAGE	\$ 89,099.
	BP101100	VISUAL DISPLAYS	\$ 103,499.
	BP102000	INTERIOR SPECIALTIES & PARTITIONS	\$ 179,195.
	BP102200	OPERABLE PARTITIONS	\$ 58,500.
	BP105000	STORAGE SPECIALTIES	\$ 176,400.
	BP107300	AWNINGS & CANOPIES	\$ 511,200.
	BP11400	FOOD SERVICE EQUIPMENT	\$ 696,433.
	BP116100	STAGE EQUIPMENT	S 180,000.
	BP116600	ATHLETIC EQUIPMENT	\$ 144,166.
	BP122000	WINDOW TREATMENTS	\$ 108,000.
	BP122000 BP123000	CASEWORK	3 108,000.
	BP126100	FIXED AUDIENCE SEATING	\$ 270,000.
	BP126600	TELESCOPIC BLEACHERS	\$ 304,258.
	BP142000	ELEVATORS	\$ 139,500.
	BP210000	FIRE SUPPRESSION	\$ 752,551.
	BP210000 BP220000	PLUMBING	
		PLUMBING HVAC	\$ 2,114,310.
	BP230000 BP260000		\$ 6,163,749.
	BP260000 BP310000	ELECTRICAL	\$ 5,692,500.
	BP310000 BP329000	TURNKEY SITEWORK	\$ 4,426,444. \$ 270,000.
		LANDSCAPING	
	BP330000 BP323000	SITE UTILITIES FENCE & GATES	\$ 450,000. \$ 90,000.

Page 2 of 3

Project Prequalification Submittal (Part B) – Building Connected



DDESK Construction Cloud			
BuildingConnected 🕶	Q. Search for people or companies		99 ③ ① ·
Projects / E.B. FRINK MIDD	IDDLE SCHOOL - PREQUAL		~
Bid Packages Messages	s Files Information Bid Forms Team Reports		
Scope-Specific B	sid Forms		Scope-Specific Bid Forms: BP0150: General Trade BP0170: Final Cleaning
You can request Line I	tem Pricing and Alternates in each bid package. Use the links to the right to jump to the Scope-specific bid forms.		BP0330: Turnkey Concrete BP0340: Hollow Core Planks
Project Bid Form		Import a Form Edit	BP0400: Turnkey Masonry BP0510: Structural Steel BP0540: Cold-Formed Metal Framing
General Acknowl	edgments	Mark "yes" to all yes/no questions »	BP0710: Dampproofing, Waterproofing & Joint Protection BP0724: EIFS BP0740: Wall Panels
	ATRACTORS: This Part B may be used as a project specific "short form" supplement to the pre-qualification process, C a "Complete" Master Pre-qualification Package Part A during the current fiscal year period of the project specific pro	,	BP0750: Turnkey Roofing BP0810: Doors, Frames & Hardware BP0833: Specialty Doors (Coiling Doors & Grilles & Garage D
*1.a. Name of Project	t Advertised	input response here	BP0840: Aluminum Windows - Entrance - Storefront - Curtai
*1.b. Subcontractor F	Full Company Name	input response here	BP0890: Louvers and Vents BP0920: Metal Framing and Gypsum Board Assemblies
*1.b.1 Subcontractor	Primary Contact Full Name	input response here	BP0950: Acoustical Ceilings & Panels BP0960: Resilient Flooring & Carpet
*1.b.2 Subcontractor	Primary Contact Phone Number	input response here	BPO962: Athletic Flooring BPO966: Terrazzo Flooring
*1.b.3 Subcontractor	r Primary Contact email Address	input response here	BP0967: Epoxy Flooring
*1.c. Please list the E	Bid Package(s) your company is requesting to pre-qualify for on the project.	input response here	BP0990: Painting & Coatings BP1011: Visual Display Units
*1.d. Does your comp	pany intend to Partner or Joint Venture with another Subcontractor for this Project?	Yes No	BP1014: Signage BP1020: Interior Specialties

Project Prequalification Submittal



Company Information

- Business Type
- Licensing
- Scope of Work
- Past/Present Project
- Litigations
- Financial
- Bonding
- Insurance/EMR

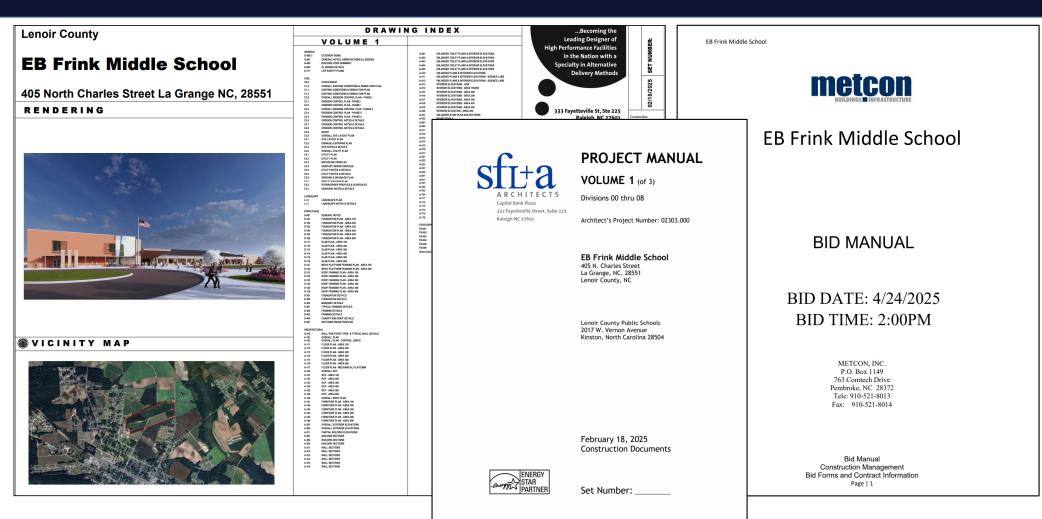
GRADING MATRIX

TA Section #			t B - Exhibit 2			- d C	NAAD				
Package No. & Description:		Prequalification Ratings Matrix	for First-Tier Sub	contra	ctors u	nder C	WAK				
Package No. & Description:	me of Subcontractor :										
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TOTAL POINTS = 25 points out of 25 points		TOTAL POINTS = 25 points out of 25 points		25							

Bid Documents

Bid Documents- Plans, Bid Manual, Specifications





Bid Documents- Plans, Bid Manual, Specifications

Bid Form



Bid Bond Form

metcon metcon EB Frink Middle School - Lenior County CMR 00 41 00 - Bid Proposal Forms CMR 00 43 13 - Bid Bond Form EB Frink Middle School Please use the attached form or AIA-310 with similar listed parties. KNOW ALL MEN BY THESE PRESENTS THAT BID PACKAGE # AND TITLE: (Hereinafter call "BIDDER") as principal, and ed and existing under the laws of the State of act as surety in North Carolina, are held and firmly EB Frink Middle School - Lenior County and , and as obligee, in penal sum of: FIVE, 5% p **Bid Checklist** Print Outside Sealed Envelope DOLLARS, ion to Bidders for the above referenced project – Bid Package, bcuments including plans, specifications, and addenda issued by Metcon, Construction Manager, dated (Date) and being lawful money of the United States of America, for ☐ Project Name ☐ Bid Package Name and Number (i.e., BP08100 Doors and Hardware) made, we bind ourselves, our heirs, executors, ad ork, schedule requirements, and with all of the conditions jointly and severally, firmly by these presents. ☐ Rid Enclosed ed project, including availability of materials and labor, hereby ngineering, permits, fees, taxes, insurance, bonds if required, Sealed, signed and dated this _ lachinery, rentals, transportation, supervision, clean-up, and furnish all services necessary to provide the entire scope of ☐ Bid Bond or Cashier's Check if > than \$100,000,00 (if excluded your bid will be considered ope of Work, for the prices indicated on this Form of Proposal. acurred in performing the work required for this Bid Package WHEREAS, the said principal is herewith submitting ☐ Sign and Notarize Proposal Form (if proposal is not signed your bid will be considered file this bod bond in lieu of making the cash depos Acknowledge all Addendums (if addendums are not acknowledged your bid will be has read and familiarized him or herself with the Minority, se Program, and further agrees to fully incorporate and NOW, THEREFORE, THE CONDITION OF THE ☐ No Qualification, Clarifications or Exclusion should be written on Bid Form principal shall be awarded the contract for which the er has also completed and attached to this bid proposal, ☐ Affidavit A or B (One of the two listed affidavits MUST be included in order for your bid to contract and give bond for the faithful performance ☐ Minority, Women, and Small Business Enterprise Identification Form (if excluded your bid the same to the principal, then this obligation shall Efforts" or "Affidavit 2 - Intent to Self-Perform" execute such contract and give performance bond shall, upon demand., forthwith pay to the obligee ice of acceptance of the bid is mailed or delivered to the ☐ Drawings, Project Specifications, CMR Bid Manual (Scope of Work), Addendums and Clarifications hereof. Provided further, that the bid may be withd he proposal due date, to enter into a Subcontract Agreement amount indicated in the appropriate spaces on this form, which n the plans and specifications, addenda, the Bid Manual, and (SEAL) All subcontractors are required to drop off their bid package at the bid opening location before 2:00PM OR Mailed-in bids must be received April 23, 2024 by 5:00 PM the day prior to bid to the Raleigh office only. Raleigh office mailing address: 3050 Hammond Business Place, Suite 121, Raleigh, NC 27603. Scope of Work, and including work that might be considered a , but is not specifically indicated herein. The bidder further (SEAL) s, deliver to the Construction Manager a contract properly uired, a Performance and Labor & Material Payment Bond. Please use checklist to ensure your proposal has all the required documents enclosed inside envelope. <u>PLEASE</u> <u>ATTACH CHECKUST INSIDE 9-1/2 ENVOLOPE (9" X 12") SEALED ENVELOPE.</u> (SEAL) ted, and evaluated by the Construction Manager, and the as been determined, said Bidder agrees to meet immediately ses of determining that the Bidder has included a complete ses of these meetings, the Bidder agrees to provide herein a of all Sub-Subcontractors, a list of all Suppliers, a schedule of PLEASE PROVIDE INFORMATION TO CONTACT AFTER BID Company Name: naterials and their manufacturers proposed for use in the work Contact Name: Contact Number Contact Email: CMR 00 43 CMR 00 41 00 CMR 00 41 00

Addendums, Alternates, & Unit Prices

EB Frink Middle School – Lenior County The Bidder acknowledges receipt of the following Ac Addendum No. Dated: Addendum No. Dated:		ES from Addier School - Lesior County Amenides All alternations are to conceiled with vectors and a older figure. If the base bid is not disenged by the Please for coll lower BLANCH. Please for coll lower BLANCH.
Addendum No. Dated: Addendum No. Dated: Addendum No. Dated:		Please ase Specification 07.2 00 - Alternates and sover page of draminas for details. ALTERNATE NO.01 - Replace LVT with Resimous Matrix Terrazzo Flooring: Alternate No.14 Replace LVT with Terrazzo in Lobby 100A
Addendum No	Nork for this Bid package, as described in the	
Contract Documents, Addenda, and Bid Manual. Pricing Item 1 - Base Bid:	is to be provided as follows:	Alternate No. 18 Replace LVT with Terrazzo in Corridor 200. Dollars, (\$
(\$).	Dollars,	Alternate No. 1C Replace LVT with Terrazzo in Corridor 300.
Item 2 - Performance and Payment Bonds (if not requ	uired insert N/A): Dollars,	Dollars, (\$), circle one Add or Deduct
(\$).		Alternate No. 1D Replace LVT with Terrazzo in Corridor 400. Dollars, (\$
Item 3 - (Total of Item 1 and 2):	Dollars,	
(\$		Alternate No. 1E Replace LVT with Terrazzo in Corridor 300. Dollars, (\$
Show amount in both words and figures, in case of	Robeson Career and Technical Education Center, Planetar	ium and 5 Alternate No. 1F Replace LVT with Terrazzo in Dinning 112. Dollars,
All North Carolina State Sales and Use Taxes or Base Bid and Alternates (including taxes on purch that this bid will remain good and may not be with of Bid Proposal.	UNIT PRICES & ALLOWANCES The Bid Packages that are effected by the following L for the following atoms as it pertains to the work in this work, taxes, overhead, profit, supervision, equipment remain in effect for the entire duration of the project. the confract total whether work is added or deducte space on the Bid Proposal Form for all unit prices con Lump-sum and unit prices allowances are islated below	s contrad sub-aud Unit pro- respond
CMR	in Bid Packages for each applicable trade package. SCHEDULE Bidder has reviewed the proposed Schedule included schedule as shown.	CMR 00 41 00 Page 25 in the bil
Pa	CONTRACT TERMS AND CONDITIONS Bodder has read and reviewed the times and condition documents enumerated in the Table of Contents of the order has read and an eviewed the forms and condition The undersigned represents that this proposal is made The undersigned represents that this proposal for all historic many thanks, without correction of obligation any interest in regard to all conditions pertaining to it done, has made historic own examination and eat one, and all fill of proposals and to waive any irregulant SIGNATURE:	Bits Minimal and taken no exception and is preprieted per an extended of the property of the p
	(Owner, President, or Authorized Agent if Corporation NAME & TITLE:	0)
	(Print) 2™ SIGNATURE: Y	WITNESS:
	(If Partnership) BUSINESS ADDRESS:	
	(Street Number & Street, PO Box)	
	(City, State, Zip, Phone) ATTEST (if Corporation)	
	(Name) (Tid	

Bid Check List

Project Prequalification Submittal





Bid Documents

BID COMPLIANCE Minority, Women, and Small Business Program

	(Name of Bidder)		
o hereby certify that on this project, we will use the abcontractors, vendors, suppliers or providers of pro-	fullowing minerity, wo dissional services	men, or small busin	neas enterprises as construction
irm Name, Address and Phone #			
irm Name, Address and Phone #		Work type	*M/W/SBE Category
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Culpanaturateur	/C	الناممة	ANA/CDE/a
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*M/W/SBE categories: Black, African Ar Female (F), Small (S).	merican (B), Hispanic (I , or Socially and Econor	il), Asian America nically Disadvanta	n (A) American Indian (I), ped (D)
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ar some consideration of	minosing will be (Ψ)	

Affidavis of			
	(Name consider a roosed faith effort to comp	o of Biodon oly under the following areas checker	ı:
		h Efforts list for their bid to be consi	
that were known to	the contractor or available on State	sonably could have been expected to so or local government maintained lists, a scope of the work to be performed.	ibmit a quote and at least 10 days
2 - (10 Points) Mac prospective minority	de the construction plans, specificat y businesses, or providing these dur	tions and requirements available for re- cuments to them at least 10 days before	riew by the bids are duc
3 - (15 Points) Brokeninority participation	can down or combined elements of on.	work into community feasible units	o facilitate
4 - (10 Points) Wor Historically Unders of minority business	stilized Businesses and included in a	ly, or contractor organizations identifie the bid documents that provide assistan	d by the Ollice of ce in recruitment
- 5 − (10 Points) ∧tte	ended pre-bid meetings scheduled b	by the public owner.	
6 - (20 Points) Prov or insurance for sub	rided assistance in getting required contractors.	bunding or insurance or provided after	natives to bondin
unquelified without lack of qualification	sound reasons based on their capab a should have the reasons document		siness based on
capital, lines of cred credic that is ordinar bidder's cappliers in	ilt, or joiet pay agreements to secur rily required. Assisted minority bus corder to help minority businesses is		clading vaiving ing with the
increase apportunità possible.	es for minority business perticipation	p arrangements with minority business on on a public construction or repair pr	oject when
10 - (20 Points) Pro	wided quick pay agreements and po	olicies to enable minurity contractors as	ed suppliers to
orangement with the Gen	ms listed in the Identification of N you execution of a contract with the c a breach of the contract. The pairs, Women, and Small Business I	ntion Policy the undersigned will ested disurity, Women, and Small Busines, the Owner. Failure to abide by this st andersigned bereby certifies that the o Enterprise commitment and is author	Farticipation latetory
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schedule conditional up provision will constitute the terms of the Minuri sidder to the commitme	ent herein set forth. Name of Auth	norized Officer:	
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chechie conditional up provision will constitut he terms of the Minuri pidder to the commitme Date:	ent herein set forth. Name of Auth Signature: Title:	Conaty	26
schedule conditional up provision will constitut the terms of the Minuri bidder to the commitme Date:	Name of Auth Signature: Title: State of State of Subscribed and sworn to before	County_	

MINIMUM of 50 POINTS

✓ MWSBE ID Form

✓ Affidavit A or Affidavit B

	Attach A	KFFIDAV	TT A or AFFII	AVIT B to the	Bid
Sta	ite of North Care	olina	AFFIDAVI		o Perform Contract
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	Savil of		(Name of Dudder)		
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		Name of P			
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	RS Licidelines 2003-Rev 04				

Project MWSBE Compliance





Documents

Bid

BID COMPLIANCE Minority, Women, and Small Business Program

AFEDAYTI D — Good Paith Efforts Canaly of Nacileaburg The apparational goal of MIDE 19th, WIDE 6th, and SIDE 5th in Construction, and MIDE 5th, M

Performed by M/W/SBE Fire						
***** (NOTE: THIS FORM IS	TO BE SUBMITTED ONLY BY THE APP.	ARENT LOWEST RESP	ONSIVE BIDDER) ****			
Policy is equal to or greater than to MBE 5%, WBE 4%, and SBE 5% bidders total contract price, then the	ecuted by M/WBE firms as defined in GS143- ie M/WSBE aspirational goes of MBE 10%, N in Other Services und/or MBE 3%, WBE 36, in bldder must complete this affidavit. This affi him <u>72 hours</u> after cotification of being the app	VBE 6%, and SBE 5% in C , and SBE 5% in Goods politically identify shall be provided by	enstruction, and/or recipation of the			
A flidsvit of	of					
	(Name of Bidder)		.,			
	(Project Name)					
	Amount of Rid	•				
I will expend a minimum of	% of the total dollar amount of the contract onstruction subcontractors, vendors, suppliers	with minority, women, or	small business enterprises			
be subcontracted to the following:	Parent Hotard Ladour	Assessed and distanced absences in	required			
Name and Address	*M/W/SBE	Week description	Dollar Value			
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	s: Black, African American (B), Hispanio (H), C), Female (F) Socially and Economically Disa		e American Indian			
		N-P-75				
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- ✓ Appendix V

	APPENDIX V WAIVER REQUEST FOR GOOD FAITH EFFOR	TS
PROJECT:		
ADDRESS:	STATE: PHONE NO:	ŻIP:
	() or Portiol () wairey for the MOVA	
project for the fullowing reasons:		
Signature:		
	,	
Good Paith Efforts Verificat:	CMS USE ONLY	
Request of Walver Grantest: Community	YES ()NO ()	















Q & A











	Pre Bid Meeting						
		EB Frink Mid	dle School				
		March 11	1, 2025				
	Bid Package	Company	Name	Phone	email		
		ON-LINE ATTE	NDEES (62)		•		
BP3100	Turnkey Sitework	Hine Sitework	Elayne Kincaid	919.736.8990	elayne@hinesitework.com		
BP0150	General Trades	K &R Building Solution, LLC	Rebecca Desmore	919.313.4522	rdesmore@krbldgsolution.org		
BP0170	Final Cleaning	Open Door Construction	Melissa Kruger				
BP0330	Turnkey Concrete	Briegan Concrete	Kevin Stewart				
BP0330	Turnkey Concrete	Estrello Construction	Angelica Esparza		angelica@estrelloconstructiongroup.com		
BP0330	Turnkey Concrete	Solid On Site Concrete	Tyler Johnson	252.286.6688	Tyler@solidonsite.com		
BP0330	Turnkey Concrete	Charles W. Hughes Construction, LLC	Jason Hurley	252.775.0009	Jason@hughesnc.com_		
BP0330	Turnkey Concrete	Superior Concrete of NC	Ike Perry	404.218.2460	Ike@sascorpinc.com		
BP0330	Turnkey Concrete	Raleigh East Concrete	Sarah Ide		Sarah@raleigheastconcrete.com		
BP0400	Turnkey Masonry	JB Overman Masonry	Marc Sholar	910.289.6015	mark@jbomnc.com		
BP0400	Turnkey Masonry	Southeastern Contracting	Jeff Peshek		Jeff@SoutheasternContractingInc.com		
BP0400	Turnkey Masonry	Vega Construction Company, Inc.	Jose Martinez	910.229.5766	josem@vega-constructionco.com		
BP0400	Turnkey Masonry	Brodie Contractors, Inc.	Ingrid Kenner				
BP0510	Structural Steel	North State Steel	Kama Woolard	252.830.8884	Kama@northstatesteel.com		
BP0510	Structural Steel	Steel Technology	Bryan Gilliam	919.308.5101	Bryan@steeltechnc.com		
BP0710	Waterproofing	Strickland Waterproofing	Brad Helms		bhelms@stricklandwaterproofing.com		
BP0710	Waterproofing	Alpha Insulation & Waterproofing	Jimmy Stout		jstout@alphaiwp.com		
BP0750	Turnkey Roofing	Johnson's Roofing Services Inc.	Koz Voulis	803.517.1007	koz@johnsonsroofinginc.com		
BP0750	Turnkey Roofing	Grieme Roofing	Ty felts		tfelts@griemeroofing.com		
BP0750	Turnkey Roofing	Metal Roofing Corporation	Amy Bendura		amy@metalroofcorp.com		
BP0750	Turnkey Roofing	BM Roofing	Eddie Lester				
BP0750	Turnkey Roofing	Metal Roofing Corporation	Amy Bendura	919.624.9734	amy@metalroo		
BP0750	Turnkey Roofing	Eskola Roofing	Nicholas O'Brien				
BP0840	Aluminum Windows Entrance and Storefront	NC Glazing and Fabrication	Adam Barefoot				
BP0840	Aluminum Windows Entrance and Storefront	Clayton Commercial Glazing	Cindy Hondge	919.550.4024	estimating@claytoncommercial.net		
BP0840	Aluminum Windows Entrance and Storefront	Carolina Classic Window & Glass	Darren Gann	336.943.7622	Darren@ccwginc.com		
BP0840	Aluminum Windows Entrance and Storefront	GlassTech Commercial Glazing Services, Inc.	Will Hollowell	252.355.9195	whollowell@glasstechonline.com		
BP0840	Aluminum Windows Entrance and Storefront	NC Glazing and Fabrication	Brian Levenduski		brian@ncglazing.com		
BP0840	Aluminum Windows Entrance and Storefront	NC Glazing and Fabrication	Adam Barefoot	919.934.9896	bids@ncglazing.com		
BP0900	Painting	That 1 Painter Raleigh	Deon Shearn	919.236.7333	Deon.s@that1painter.com		
BP0920	Gypsum Board and Metal Framing	Sears Contracting	Emily Fowler				
BP0920	Gypsum Board and Metal Framing	Northedge	Doug Gaffney		dgaffney@northedge.us		
BP0920	Gypsum Board and Metal Framing	Northedge	Giselle Chavez		estimating@northedge.us		
BP0920	Gypsum Board and Metal Framing	Precision Walls Inc	Ashley Peace		apeace@precisionwalls.com		
BP0920	Gypsum Board and Metal Framing	NJR Construction	Ed Roper				
BP0950	Doors	East Coast Access LLC	Davis Beeman		davis@eastcoastaccessllc.com		
BP0950	Doors	Manganaro SE	Kathy Ford		kford@manganaro.com		
BP0950	Doors	Manganaro Southeast	Cynthia Stiltner		cstiltner@manganaro.com		
BP09620	Athletic Flooring	Royalwood Associates, Inc.	John Mullen		john@royalwood.us		
BP0990	Painting	United Painting Services	Vanessa Marquez				
BP1014	Signage	Carolina Signs and Wonders	Tamara Law		Tamara@ncsign.com		
BP1140	Food Service	Singer T&L	Patsy Young	910.912.6739			
BP1140	Food Service	United Restaurant Equipment Raleigh NC					
BP1161	Stage Equipment	Imagine Design & Productions Services	Mark Stollery		Mark@imaginedps.com		
BP1230	Casework	Numa Creations	Jesse Hogg				
BP1230	Casework	Nycom	David Brohl				
BP2100	Fire Suppression	S&S Sprinkler	Eric Carroll		eric.carroll@sssprinkler.com		
BP2200	Plumbing	TA Woods, LLC	David Porter		dporter@tawoods.com		
BP2300	HVAC	Baker Mechanical	Dave Savary	252.236.8809	dsavary@bakermechanicalinc.com		
BP2300	HVAC	Humphrey Mechanical, Inc.	Daniel Tillman	910-389-7391	dtillman@humphreymechanical.com		
BP2300	HVAC	Central Heating & AC	John Grice	252.527.6676	jgrice@chacmail.com		
BP2600	Electrical	LJ Electrical Company	Haley Hudson	252.520.7592	haley.hudson@ljelectricalcompany.com		
BP2600	Electrical	Pavion	Luke Brown	704.223.8386	jlbrown@pavion.com		
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		Pre	Bid Meeting			
	EB Frink Middle School March 11, 2025					
BP2600	Electrical	Watson Electrical	Josh Crawford	252.237.7511	jcrawford@watsonelec.com	
BP3100	Turnkey Sitework	Faulconer Construction	John Dodd			
BP3100	Turnkey Sitework	Barbour Brothers Construction, Inc.	Bradley Pate		Bradley@barbourbrothers.com	
BP3100	Turnkey Sitework	S.T. Wooten	Blake Jones			
BP3231	Fence and Gate	Pamlico Fence Company	Raul Martinez	252.946.9844		
BP3290	Landscaping	Southern Garden Inc.	Rachel Robinson	919.362.1050 x 103	rachel@southerngardeninc.com	
BP3290	Fence and Gate	Seegers Fence	Joshua Doughty	252.757.1265	josh.doughty@seegarsfence.com	
			Tyler Johnson			
					cpreston@ureco.com	
		IN PER	SON ATTENDEES			
BP09620	Athletic Flooring	Sports Court Carolina	Dave Barbee	704.239.49.00	dave@sportcourtcarolina.com	
BP1230	Casework	Blankenship	Fred Combs	919.810.6334	fcombs@blankenshipassociates.com	
BP2300	HVAC	ABL & Associates	Rob Merkley	919.538.6746	rmerkley@ablmech.com	
BP2351	Geothermal	Applied Resources Management	James Cornette	910.512.4840	jim@armnc.com	
BP2600	Electrical	Tripple R Electric	Justin Croom	252.523.3558	jcroom@tripler.com	
BP2600	Electrical	Tripple R Electric	Alec Rouse	252.523.3558	arouse@tripler.com	
BP2600	Electrical	Schnerder Electric	Jeff Bishop	919.422.1026	jeff.bishop@se.com	
BP2600	Electrical	LJ Electrical Company	Brian Smith		brian.smith@ljelectricalcompany.com	
BP3100	Turnkey Sitework	Faulconer Construction	Andrew Mayer	984.352.4678	ameyer@faulconer.com	
BP3100	Turnkey Sitework	Conti Civil	Kelly Harrelson	919.271.4753	kharrelson@conticivil.com	
BP3100	Turnkey Sitework	Barnhill Contracting	Ricky Russell	919.738.0745	drussell@barnhillcontracting.com	
BP3100	Turnkey Sitework	Barn hill Contracting	Dickie Dawson	919.738.0745	sdawson@barnhillcontracting.com	