Project Conditions - Applicable to All Subcontractors and Suppliers

The Project Conditions that follow outline most of the Turner’s general minimum expectations of all the Subcontractors on the Project – Package specific requirements will govern in case of conflict. Changes to these Project Conditions from the previous issue will be highlighted with red text. Note that the last articles of these Project Conditions are project specific requirements.

(This Table of Contents is hyperlinked to the body of the conditions – cntl click on the name to go there)

01 General Notes.............................................................
02 Safety...........................................................................
  02.A OSHA 30 Hour Training
  02.B Tobacco Use
  02.C Fit for Duty
  02.D Building L.I.F.E. Safety Program
03 Insurance
  03.A Subcontractor Provided Insurance
  03.B Builder’s Risk Insurance
  03.C Professional Liability Insurance
  03.D OCIP or CCIP Project
04 Personnel
  04.A Staffing
  04.B Market Labor Conditions
  04.C Labor
  04.D Work Performed Under Separate Contract with Owner or Other Subcontractors
  04.E Opportunities for Minority and Women Owned Business Enterprises (M/WBE)
05 Permits
06 Liquidated Damages
07 Changes to Schedule and Scope
08 BIM Provisions
09 Lean Construction Provisions
10 Sustainable Provisions
11 Construction Reports
12 Coordination
  12.A Pre-Installation
  12.B Weekly Coordination Meetings
  12.C RFI’s
  12.D Submittals
13 Schedule and Sequence of Work
  13.A Project Schedule
  13.B Progress Schedules
  13.C Progress Reporting Changes
  13.D Schedule Recovery Plan
  13.E Last Planner System: Production System Planning and Control Process
14 Site Logistics and Controls
  14.A Working Hours
  14.B Parking
  14.C Security
  14.D Adjacent Occupancy
  14.E Noise Control
  14.F Contamination Control
  14.G Prevention
  14.H Erosion Control
  14.I Truck Wash
  14.J Air Quality
  14.K Temporary Fencing
  14.L Office, Storage Trailers, Job Shacks
  14.M On Site Communications
Project Conditions - Applicable to All Subcontractors and Suppliers

14.N Signage
14.O Temporary Access
14.P Material Delivery and Storage
14.Q Flagging, Traffic Control, and Traffic Regulations
14.R Crane
14.S Man/Material Hoist
15 Temporary Services
15.A Temporary Non-Potable Water
15.B Temporary Heat
15.C Temporary Lighting and Power
16 Roof Protocol for Areas with Roof Membrane
16.A. Non-Cutting Work Areas
16.B. Cutting Work Areas
16.C. After Work is Complete
17 Blocking
18 Fireproofing
19 Cleaning
19.A Rough Work Stage of Construction
19.C Turner's Right to Clean
20 Quality Assurance/Quality Control
20.A Manufacturer's Instructions
21 Surveys and Layout
21.A Buildings
21.B Sitework
22 Close Out
22.A Owner Training
22.B Operations and Maintenance Manuals
22.C Record Documents
22.D Warranty
23 Project Specific Conditions
23.A Fit for Duty
23.B Insurance Requirements on the Project
23.C LEED Goal of the Project
23.D Parking for this Project
23.E Billing and Invoice Cycle
23.F Tax Status of the Project
Project Conditions - Applicable to All Subcontractors and Suppliers

01 General Notes
1) These project conditions & any supplemental conditions are a part of the Contractual Agreement and shall govern the execution of the work.
2) References to building, site, project, etc. refer to the entire site and all buildings on the site unless specifically noted otherwise.
3) This document is meant to convey common project information applicable to all subcontractors and suppliers.
4) The requirements established by the Client shall govern the quantity, quality, and schedule of the project. In the event of a conflict between any of the Contract Documents; precedence will be determined by the requirements of the Contract Documents in the order listed below:
   a) Subcontract or Purchase Contract Agreement
   b) Additional Provisions (Scope of Work)
   c) Project Conditions
   d) Other bid attachments / Instructions
   e) Owner-Turner Contract
   f) Specifications
   g) Drawings
   h) National Codes and Industry Standards not referenced in the Contract Documents listed above. In case of ambiguity in quantity or quality, the greater quantity or better quality will govern.
5) Lower tier subcontractors must be approved by Turner prior to being allowed to work on this project. If the Subcontractor wishes to add or change a lower tier Subcontractor, the Subcontractor shall notify Turner in writing of the changes and provide Experienced Modification Rate (EMR) and any other required documentation for Turner's approval. Turner has right to disapprove any of these lower tier Subcontractors at its sole discretion.
6) The Subcontractor and all its lower tier Subcontractors shall comply with all statutory requirements concerning registration with the Secretary State where the Work is to be performed and shall provide to Turner its registration Control Number.
7) All tiers of Subcontractors and Suppliers must secure and maintain any and all Business License(s) required to complete their Work in all jurisdictions with authority i.e. State, County, and Local governments. Any costs incurred by Turner or the Owner as a result of Subcontractor or Supplier's failure to be licensed with all authorities, shall be the responsibility of the Subcontractor or Supplier.
8) All communications with the Owner or his representative shall be through Turner, including items noted in the specifications to be directed to these parties.
9) No photography will be allowed on site without the express consent of Turner and the Owner. Without exception, no publicity releases (newspaper, radio, TV, advertisements, or any other means) will be issued without prior approval of Turner's Project Executive.

02 Safety
Safety will be of the highest priority on the project. This subcontractor is responsible for complying with Turner safety policy. See Project Safety Plan or Manual for Additional Provisions of the Safety Program

FC Background has been selected to administer testing and badging requirements for all Turner Jobsites. Subcontractor shall include all costs associated with participation in the Turner Drug Testing Program for all on-site personnel. The cost for each test and badge and re-test/replacement badges will be per the Service Agreement and are between this Subcontractor and FC Background (this includes random drug and alcohol testing). Each individual that will be working on-site is required to successfully pass the drug test before beginning work.

Upon receipt of this Agreement, this Subcontractor shall immediately contact FC Background to start the coordination of drug screening prior to mobilizing on the jobsite.

Costs are $47.50 for each drug screen and ID badge and $10.00 for each replacement badge.

In addition to drug testing, each new employee must undergo a Project Safety Orientation. The cost of up to 4 hours of time for each perspective employee sent to the project to complete drug testing and orientation is to be included in the subcontract.
Project Conditions - Applicable to All Subcontractors and Suppliers

02.A OSHA 30 Hour Training
Subcontractor and all lower tier Subcontractors will comply with the requirements of Turner’s OSHA 30-hour Training Policy.

02.B Tobacco Use
Tobacco use of any kind is not permitted inside the confines of the building and will be limited to designated areas on the site. Maintaining cleanliness and order in the designated areas are the responsibility of those using the areas and a prerequisite for the areas to continue to be provided.

It is up to each Subcontractor to advise all employees, Sub-Subcontractors, Vendors, or any persons under their control of this tobacco use policy.

02.C Fit for Duty
Refer to item 23.A – Project Specific Conditions – Fit for Duty, if “fit for duty” will be implemented for this Project.

02.D Building L.I.F.E Safety Program
The subcontractor agrees to participate in the Turner Continuous Safety Improvement Process known as Building L.I.F.E. – Living Injury Free Everyday unless otherwise stated in this subcontractors “Scope of Work” used for the bid solicitation process.

03 Insurance

03.A Subcontractor Provided Insurance
Insurance Requirements for General Liability, Workers Compensation, and Auto are outlined in Insurance Requirements list of the Subcontract. Even when OCIP or CCIP covers General Liability and Worker Compensation for all on-site activities of those enrolled, Subcontractor must meet the Insurance Requirements for all off-site activities.

All insurance policies must be written with a carrier with an AM Best rating of A-VII or higher.

03.B Builder’s Risk Insurance
A Builder’s Risk insurance policy is being provided by the Owner or Turner for this project. Should the Subcontractor’s actions cause a claim against said policy, Subcontractor acknowledges and agrees that it shall bear its portion of the deductibles for any claim against the Builder’s Risk Policy. The Waiver of Subrogation for insurance does not apply to the policy deductible.

03.C Professional Liability Insurance
Subcontractors who are providing design services will be required to procure and maintain or cause their subcontract Architect(s)/Engineer(s) to procure and maintain professional liability insurance (E&O) for protection from claims arising out of the performance of any design or engineering services performed or furnished in connection with the Subcontract Work caused by any negligent act, error or omission for work which Subcontractor and/or the Subcontract Architect(s)/Engineer(s) may become legally liable. Such professional liability insurance shall provide for $2,000,000 coverage unless a lower level is specifically agreed to prior to bidding. The insurance will meet the following criteria:

a. Policy Term – Effective Date of policy to the date of Substantial Completion of the Project.
b. Policy shall provide for the indemnification and defense of Turner and the Owner from claims and claim expenses arising out of any such negligent act, error or omission.
c. Subcontractor shall maintain this Professional Liability coverage for the statute of limitations in effect at the state where the project is located. Notify Turner of any changes in the policy in subsequent years and will ensure that the policy will not provide less limits or coverage than the current policy
d. Written notice shall be provided to Turner sixty (60) days prior to cancellation of such insurance or any material change with respect thereto.
Project Conditions - Applicable to All Subcontractors and Suppliers

e. Such professional liability insurance shall be in a form acceptable to Turner and shall be issued prior to the commencement of the Work.

03.D  OCIP or CCIP Projects
See 23.B – Project Specific Conditions – Insurance Requirements on the Project to determine if the project is under an OCIP or CCIP.

04  Personnel

04.A  Staffing
The superintendent and key members of the Subcontractor's staff are subject to the approval of Turner and the Owner. Changes in such personnel are subject to Turner prior approval and in general shall not be changed unless they prove to be unsatisfactory to the Subcontractor by whom they are employed and cease to be employed by such Subcontractor in a similar capacity elsewhere.

During all phases of his work, the Subcontractor will maintain on the job site an experienced and competent superintendent. It is the Subcontractor’s responsibility to ensure that his superintendent has an adequate and up-to-date set of plans and any other information required to perform the work. This person will represent the Subcontractor in all matters, including scheduling and direction of the construction work force (such as overtime or extra work). This superintendent must be available cell phone during all working hours. Emergency numbers must be supplied for all key contacts for after hours.

Identification of jobsite supervisor(s), competent persons, competent operators for each type of equipment, and qualified CPR/First Aid persons shall be made in writing to Turner's Project Superintendent prior to any Work commencing on site.

04.B  Market Labor Conditions
Subcontractor shall be familiar with local labor availability and practice based upon the current market conditions. These conditions are to be reflected in the scheduled time for the work and cost of the Subcontractor's work, and included in the contract amount.

Subcontractor shall not recruit personnel from other Turner projects under construction without Turner's permission. Personnel who have been working for Turner or other subcontractors on a Turner project in the previous 30 days may not be assigned to this project without the permission of the Turner Superintendent of the previous project.

04.C  Labor
Subcontractor’s workforce shall consist of experienced and qualified workmen that are properly documented as to their right to work in the United States. Adequate supervision with appropriate language skills must be provided to ensure that the work is conducted properly and safely to the standard of quality expected. The project will be done under Merit Shop conditions. Labor harmony is essential so Turner reserves the right to terminate any subcontractor that allows any kind of Labor Dispute to interfere with progress of the project.

Under no circumstances shall Subcontractor's lower tier sub(s) that provide a “labor only” (ie – temporary staffing for semi-skilled labor or less) service be enrolled in Turner's CCIP.

04. D  Work Performed Under Separate Contract with Owner or Other Subcontractors
Should this Subcontractor perform any work directly for the Owner or another Subcontractor on site, he will utilize a separate identifiable workforce including supervision so as not to impede job progress. All such work is to be coordinated with Turner's Superintendent.

04.E  Opportunities for Minority and Women Owned Business Enterprises (M/WBE)
Turner Construction Company is committed to ensuring that its construction projects provide opportunities for Minority and Women Owned Businesses Enterprises (M/WBE). Subcontractor is expected to make every effort to ensure that a broad base of participation is achieved on this project.
Project Conditions - Applicable to All Subcontractors and Suppliers

a. Subcontractor shall take affirmative action to ensure that discriminate actions toward any employee due to race, color, religion, sex, or national origin is non-existent. Subcontractor shall not discriminate against any individual because the individual is disabled or a special disabled or other veteran. Subcontractor is expected to make every effort to employ minority and female employees evenly on each of their projects and be compliant with all Local, County, and State and Federal requirements, including but not limited to those set forth by the Office of Federal Contract Compliance Programs of the US Department of Labor.

b. This Subcontractor shall be obligated to offer maximum opportunity to Disadvantaged Business Enterprises (DBE’s). All efforts to provide this opportunity shall be documented and submitted to Turner at the time of their proposal with commitments formalized by the Subcontract.

c. Subcontractor shall provide reports on a monthly basis listing all employees hired under this subcontract, including information on employees' race, gender, and veteran and disability status.

d. For assistance in identifying MBE or WBE subcontractors and suppliers may contact Turner’s Community Affairs Director. As a minimum, Subcontractor shall contact local and state government for lists of sub-subcontractors and suppliers who are MBE or WBE certified.

05 Permits
The Client or Turner will provide the General Building Permit; however, this Subcontractor will be responsible for providing and paying for any other permits and fees necessary for the completion of the Work unless noted otherwise. Coordination of inspections with local agencies and Client’s inspectors are the responsibility of this Subcontractor. Subcontractor will forward copies of all permits and inspection reports to Turner's Project Superintendent. Turner will designate one location for posting of all permits.

06 Damages for Delay or non-performance
Indicate liquidated damages if stated by owner. See Subcontract Agreement for standard language.

07 Changes to Schedule and Scope
Refer to Subcontract Agreement.

08 BIM Provisions
Unless a Project is specifically exempted, 3D-Modeling will be used for quantifying, as a coordination/collaboration tool to eliminate clashes between systems prior to fabrication, to promote off-site prefabrications, and to support layout. Refer to project specific BIM Execution plan for guidelines and procedures required for this process.

09 Lean Construction Provisions
Lean is a transformational business strategy focused on maximizing customer value while eliminating waste through continuous improvement and respect for people. Turner expects subcontractors to focus on the continuous improvement of the construction process using lean principles and methods.

Turner, subcontractors, and suppliers shall in good faith collaboratively participate in learning, planning, control processes, and strategies to achieve the goal of greatest productivity for the project; maximizing the value delivered to the customer. Maximizing value requires the elimination of waste in all processes and implementing improvements at every opportunity. Subcontractors and suppliers will assign on-site leadership whose behavior and deportment support collaboration with the project team.
The eight categories of waste targeted for reduction on Turner projects are:

1. Defects
2. Overproduction
3. Transportation
4. Inventory
5. Motion
6. Extra Processing
7. Waiting
8. Non-Utilized Talent

Turner may utilize some or all of the approaches and tools listed below to reduce waste. Subcontractors and suppliers will coordinate with Turner in implementing these activities. The project team may research, develop, and implement other approaches and tools for the betterment of the project.

5S Methodology

5S is a system to optimize productivity through maintaining an orderly workplace and using visual cues to achieve more consistent operational results.

1. **Sort** - Eliminate all unnecessary tools, parts, materials. Keep only essential items and eliminate what is not required, prioritizing things per schedules/requirements and keeping them in easily-accessible places. Everything else is stored or discarded.

2. **Straighten (Set in Order for Flow)** - Arrange the work, workers, equipment, parts, and instructions in such a way that the work flows free of waste through the value added tasks. Identify the location where items will be used and place those items close. Organize and communicate the location for items needed in the area.

3. **Shine (Systematic Cleaning)** - Clean the workspace, jobsite, and all equipment, and keep it clean, tidy and organized. At the end of each shift, clean the work area and be sure everything is restored to its place. Remove crates, pallets, dunnage, packing materials, etc., immediately – preferably before entering the building footprint. Create elevated workstations for ergonomic working and more efficient cleanup. Employ a ‘Nothing Hits the Ground’ mentality to keep the project clean and free of waste.

4. **Standardize** - Create visual controls and guidelines for keeping the workplace organized, orderly and clean. This is a condition where a high standard of good housekeeping is maintained. The first three steps, or S’s, are often executed by order. Standardization helps to turn it into natural, standard behavior.

5. **Sustain** – Ensure disciplined adherence to rules and procedures to prevent backsliding. Expect to continually evolve, share ideas, and improve the systems.

**Nothing Hits the Ground / Everything on Wheels**

1. **Workstation Setup** – Workstations should be setup so individuals can work in a comfortable, neutral position and have a waste container conveniently located (preferably located so that cut-offs fall directly into waste container and not the floor). If possible, both the workstation and waste container should have lockable or retractable wheels allowing the station to move with the individual.
2. **Cord Management** – All cords will be either elevated off the ground, away from any walkways, or protected. Spider boxes will be installed 6’-7’ off the floor. Trades must run short task power cords, managing cords to reduce or eliminate trip hazards.

3. **Housekeeping** – Every person on site will contribute to proper housekeeping. All tools and materials should be stored on wheeled carts or platforms. Ensure debris collectors are plentiful, convenient, and regularly emptied. Daily cleanup will be enforced per contract requirements.

4. **Material Handling** – The goal is to prevent materials from being handled multiple times. Reducing the handling of materials to once can be achieved by placing material on wheeled carts, using mechanical material moving equipment, and putting trash receptacles on every floor and cutting location. Subcontractor shall insure materials will be on carts or conveyances and debris or excess materials shall be placed in carts or conveyances to be moved out of the building efficiently. Nothing should be stacked or dropped on the floor.

5. **Material Storage** – Ensure work and laydown areas are clean and organized to improve efficiency and safety. Utilize just in time delivery. Materials stored on site will include a tag identifying expected installation or consumption date, name of company, on-site contact name, and telephone number of the contact person. Turner will designate material storage locations and require subs to use them.

10 **Sustainable Provisions**

Turner is committed to sustainable practices and constructions and requires as standard practice, all subcontractors to undertake any sustainable building practices available. These include recycling, minimize materials going to landfills, conserve energy, regional materials, low VOC products.

See 23.C – **Project Specific Conditions – LEED Goal of the Project** for certification level of the project. This Subcontractor will be responsible for participation of all designated credits being pursued. Please refer to Turner LEED manual and project scorecard.

11 **Construction Reports**

All Subcontractors are required to submit a Daily Construction Report (DCR) per shift by 10:00 AM of the following working day. Subcontractor must use Turner’s Prolog Converge Website to submit the DCR electronically.

12 **Coordination**

12.A **Pre-Installation**

Subcontractor’s Superintendent will make a site tour and attend the pre-installation meeting before commencing any work, in order to become familiar with the site and existing conditions.

12.B **Weekly Coordination Meetings**

Subcontractor’s Superintendent will attend the weekly on site coordination meetings beginning a minimum of two (2) weeks prior to the anticipated start of the Subcontractor’s on site work and then weekly throughout the phase of Subcontractors work. Subcontractor’s representative at these meetings shall have the authority to speak and make commitments on behalf of Subcontractor.

12.C **RFIs**

Subcontractors are required to submit RFIs in an electronically editable format. Template will be provided by Turner.

12.D **Submittals**

Upon award of contract, forward a complete submittal schedule and list of products for all items requiring the Architect’s action as follows:

- Shop Drawings, Item and/or Name of Manufacturer
Project Conditions - Applicable to All Subcontractors and Suppliers

- Specification Reference
- Intended Submission/Re-submission Date(s)
- Order Release Date
- Lead Time to Delivery/Anticipated Delivery Date
- Coordination with other submittals / other trade submittals
- Quantities and Locations, P.O. Numbers or other pertinent data

Submittal schedule and list is due to Turner within 2 weeks of award. These Schedules are to be presented in a form that is readily reproducible and they are to be updated and sent to Turner’s Project Engineer on a monthly basis.

All submittals shall be in electronic format wherever possible. If not possible, submit the quantities of hard copies as required by the specifications.

Re-submittal will have the same number of copies as the initial submittal and follow the same procedures.

Shop drawings to be submitted to the city for review (such as curtain wall/steel stairs/reinforcing) as listed on the Building permit set, shall be submitted by this Subcontractor to the City directly. Approved drawings are to be delivered to Turner’s jobsite office.

The Architect/Engineer or Turner review does not relieve the Subcontractor from providing the specified requirements or products. A specific written request for approval is required for any variations to the Specified requirements.

Operation and Maintenance (O&M) Manual information will be submitted electronically, and shall be submitted no later than four (4) weeks prior to equipment installation.

13 Schedule and Sequence of Work

13.A Project Schedule

After the date of the Notice to Proceed from the Owner, Turner will provide the subcontractor with the current detailed Master Schedule for the project to reflect the actual start date, current job conditions, and Subcontractor bidding progress.

The subcontractor will be required to participate in the refinement of this current Master Schedule by commenting on the current schedule and adding activities with appropriate durations and logic sequences, all of which must fit into the Milestones for the project. When the Owner, Turner and the subcontractors currently under contract complete the review of the Master Schedule, this will become the Project Baseline Schedule. All scheduling on the project shall be done in the format required by the Client and shall reflect the WBS system established for the project.

It should be anticipated that there will be disruptions in the sequence of the Work. The overall coordination of all work on site will be managed on a weekly basis at the Superintendent coordination meetings. This meeting is mandatory for all trades on site. Shift work and non-leveled crew sizes will be required to meet the schedule and logistic demands of the project. The schedule is subject to change and will be updated periodically based on project conditions and actual work performance. Turner reserves the right to update the project schedule for the betterment of the project as a whole, not for the advantage of the parts.

This Subcontractor, within two (2) weeks after “Notice of Award” from Turner, is to prepare and submit for approval, a detailed submittal procurement, fabrication, delivery, and installation schedule of the Work for fine-tuning the “Project Baseline Schedule.” It will be the responsibility of this Subcontractor to provide all resources and material required to adhere to the “Project Baseline Schedule” in order to prevent delays to the Project due to shortages or late deliveries.
13.B Progress Schedules

Turner will meet with the Subcontractor to expand the detail of the Progress Schedule to further define the items of Work that must precede, follow, and that can be accomplished concurrently with other Subcontractors, or within their own work sequences.

Schedules will have the following content:

- Breakdown of Horizontal Bars: Subdivide each significant activity, Specification Section, or Work area into sufficient number of individual parts so as to present a realistic breakdown of the Work for scheduling and monitoring.

- Submittal Dates: Shop Drawings, Product Data and Samples (refer to Submittal Requirements); the dates that final reviewed copies will be required. Allow time for re-submission of Shop Drawings, which may be disapproved.

- Fabrication durations for all materials and equipment.

- Decision Dates: Provide dates that decisions and approvals are required to allow material deliveries to meet schedule.

- Owner supplied, Subcontractor-installed items dates: Identify dates when Owner-supplied items are required on job (ROJ).

- Construction Dates: Beginning and completion of each element.

Submit a 3-week look-ahead schedule on a weekly basis. Include safety information and Jobsite Hazard Analyses for the work that is to be performed during that period. Also indicate any tests and inspections required.

Subcontractor shall meet with the Turner Superintendent on a weekly basis to review the schedule for their scope of work.

Among other requirements is performing of normal “Out of Sequence” work beneficial to the overall project. “Out of Sequence” work will include phasing of the construction cycle to accommodate the installation of the work of all Subcontractors in a logical and orderly fashion, including, but not limited to, all necessary temporary block-outs, connections, framing supports as required for work by others.

13.C Progress Reporting Changes

Subcontractor shall update and distribute the Construction Schedule no less than once a month reflecting actual progress and revisions as deemed necessary by Subcontractor resulting from, but not limited to, changes to Subcontractor’s approach to execution of the Work, Changes to the Work and delays whether excused (recovery plan for unexcused delays) or not, and changes to the Milestone or Substantial Completion Date, if any, resulting from Changes in the Work, and Delays for any cause beyond Subcontractor’s control as indicated herein. Schedule to be delivered with Subcontractors pay request.

At each weekly Subcontractors coordination meeting each Subcontractor must be prepared to discuss the details of their scope of work and supply updated information that will assist Turner to accurately reflect the status of the entire project. Any Subcontractor that is not completing work as required (durations not being met) may be required to attend a special scheduling meeting and will be required to produce a recovery schedule for the work being delayed.

13.D Schedule Recovery Plan

Subcontractor shall provide updated productivity analysis weekly. Analysis of anything holding up work: work force available, material, strike, production, product failure, or such. If behind schedule, Subcontractor shall provide a schedule recovery plan.

13.E Last Planner® System: Production System Planning and Control Process

At Turner’s discretion, it may utilize The Last Planner® System (LPS) for developing additional coordination details over the life of the project.
Overview: LPS provides principles to improve coordination and create flow between contract milestone dates in the contract (or master) schedule. When production planning becomes reliable and people fulfill their commitments, workflow, performance, and productivity are improved.

Application: LPS differs from traditional construction methods because it decentralizes hierarchical decision-making. With LPS, those closest to the work (On Site Foremen/Field Supervisors - the “Last Planners”) must have the authority to make decisions and plan the work.

The project will utilize six key procedures in the implementation of LPS. These steps require the input of the onsite Foremen/Field Supervisors for the subcontractors performing the work. As such, these leaders are required to participate in all the steps that are the Last Planner® System and be able to commit to perform work they know can be made ready for their crews and to collaborate with the team to ensure this work can be started and completed without interruption. The Last Planner for your crew must be involved before you mobilize to the project in order to attend these Phase Production Planning meetings.

A. Pull Planning – This represents the team’s specific plan for how they intend to reach the milestone dates in the contract schedule. Pull plans must meet the contract schedule requirements, and teams must work together to achieve these project milestones. We require team members to make and keep commitments based on their confidence that prerequisite work, design information, materials, labor, and equipment will be ready so they can start and complete installations meeting their commitments to reach milestones in the contract schedule.

B. Make-Ready Planning – This is simply the future weeks (typically six weeks) of the pull plan, updated with actual information weekly. Constraints preventing these activities in the next six weeks are identified and added to the constraint log. This Make-Ready Plan is the work that “Can Be Done” in the planning period. The Make-Ready plan is prepared by Turner and distributed to the project team based upon the information collected in the pull-planning sessions.

C. Constraint Log – The constraint log is maintained by Turner and used to aid the team in managing the Make-Ready planning process. It is used in conjunction with the Make-Ready Plan or any meeting repeated on routine basis. A constraint is any information, material, equipment or resource needed to start and/or complete a specific task on the project, except prerequisite work. Make-Ready planning consists of two specific planning activities: (1) identifying constraints and (2) obtaining commitments from individuals to remove the constraints.

D. Weekly Work Plans (WWP) – The WWP is a more detailed day by day, one week production plan created by each trade foremen to plan the next week’s work, based on the look-ahead plan. WWP’s are due weekly at a time established by Turner for the work to be performed the following week.

E. Percent Plan Complete (PPC) – PPC is a calculation of the team’s production plan reliability. This is done to identify trends preventing the reliability of the workflow. The PPC represents the percentage of tasks completed as planned compared to the total number of tasks planned within the week.

F. Daily Huddle – Subcontractor foremen and Turner will meet for an approximately 15-minute meeting with their peers from other trades and Turner field staff to assess the day’s performance and discuss any new issues discovered. Turner’s project superintendent will identify the time and place of the daily huddle.

Summary: Ultimately, LPS aims to optimize performance through improved processes and systems by creating reliability, decentralizing decision-making and managing flow and consistency of work rather than the speed of any single aspect of the job.
14 Site Logistics and Controls

14.A Working Hours
Site hours shall be established as appropriate for the project. Once established, exceptions must be approved in advance by Turner's Superintendent. Unplanned work outside of the standard working hours may be subject to charges by Turner for general conditions and requirements.

14.B Parking
See 23.D – Project Specific Conditions – Parking Conditions for the Project to determine parking requirements for the Project.

14.C Security
Subcontractors shall be solely responsible to protect and secure tools, equipment, and material. Subcontractors shall be solely responsible for any loss, damage, or insurance costs for their property, operations or Work (other than Builders Risk).

14.D Adjacent Occupancy
In situations where occupied buildings or areas are adjacent to the jobsite, the Subcontractor at all times will conduct their Work so it does not disrupt or impede the building or area operations.

Any work that will disrupt operations must be scheduled in advance to coordinate with the building owners.

14.E Noise Control
Subcontractor will notify and coordinate with Turner before performing procedures that are likely to create excessive noise or vibration transmitted to any adjacent structures or property. Avoid use of tools and equipment which produce harmful noise. Comply with Turner's restrictions and scheduling requirements for such procedures. Also, refer to any permit requirements and specific trade provisions for explicit instructions related to the use of noise and vibration causing tools and procedures.

14.F Contamination Control
Maintain controls so that dust or airborne debris does not contaminate adjacent property, public streets or sidewalks. Subcontractor will be required to provide clean-up if dust and debris is not contained.

The extent and character of controls will be commensurate with the type and class of work. Turner shall establish protocols and provide for the control equipment for clean rooms and hospitals as appropriate for infection control and micro-patricidal control. Subcontractor must insure that all their workers and the workers of sub-subcontractors abide by the control protocols established for the project, and shall be responsible for all costs associated with cleaning up contamination caused by failure to abide by the protocols.

14.G Prevention
Subcontractor shall avoid the introduction of hazardous materials into the soils of the site, onto the public way or into the drainage systems of the site or public. The introduction of hazardous materials will require complete remediation at the expense of the Subcontractor. Any repair and/or cleaning of sewers, drainage ways, detention basins, sidewalks, or streets necessitated as a result of Subcontractor's operations, shall be the responsibility of the Subcontractor. Subcontractor is responsible for having appropriate spill prevention and containment measures onsite.

Site-sustainability and prevention of environmental impacts is expected and required. Spill prevention is the primary key to protection. To prevent equipment spills, equipment will be inspected daily to ensure it is in good operating condition. Also equipment refueling areas will be constructed to ensure safe refueling. Bulk fuel storage will not be allowed on site. Subcontractors operating significant equipment will participate in an Environmental Response Team to respond quickly to any accidental spills. This
team will be properly trained and equipped on-site with spill response kits and will hold regular drills to ensure quick and effective response.

Subcontractors will be required to protect existing and/or new finishes, grounds, equipment, and utility lines from damage that results from their work or deliveries. If any item is damaged, it shall be reported immediately to Turner and properly repaired by the appropriate subcontractor at the expense of the responsible party.

Failure of any Subcontractor to comply with the above provisions may result in Turner directing any work necessary to be performed by others at the subject Subcontractor's expense.

Protect metal accessories in a manner to prevent rusting. Do not install rusted metal accessories in the Work. At time of placement, metals will be free from loose rust, mud, ice, frost, or elements that will destroy or reduce the bond.

Subcontractor shall be responsible for the investigation of existing concealed systems and the protection of same. It is the responsibility of the subcontractor to report to Turner any condition that may lead to damage of concealed systems and to devise a plan of action that will allow the work to proceed without damage.

14. H Erosion Control

An erosion control system will be installed prior to disturbing the site in accordance with the SWIP and will be adjusted as necessitated by site development. If the operations of this Subcontractor damages or degrades the erosion control devices, this Subcontractor shall repair such measures to acceptable conditions.

This subcontractor shall comply with any education and training certification requirements of authorities with jurisdiction in the location of the project.

Those Subcontractors involved in earth moving/disturbing activities (excavation, grading, landscaping, paving, on site batch plant) or those responsible for installing or maintaining BMP's will be required to take the online Turner Stormwater Subcontractor Short Course Intro into Erosion and Sediment Control prior to attending the preconstruction meeting. The person or persons taking this online course must have a regular presence on the project.

14.I. Truck Wash

Keep pavement and walks adjacent and leading to site clean and free of mud, dirt and debris at all times. Clean tires of vehicles leaving site so as not to contaminate public street approaches with mud or debris. If a truck wash has not been established by an earlier subcontractor, the Subcontractor shall establish whatever system is needed. Subcontractor shall maintain the truck wash with respect to its impact on the wash.

14.J. Air Quality

Turner recommends the use of electrical rather than CO producing construction equipment within the building limits. Use of other than electrical equipment must be approved by Turner in advance of use.

Trucks and equipment must be positioned to prevent affecting the air intake/air quality of adjacent buildings. Use of biodiesel equipment is preferred.

Ventilation for the use of CO and CO₂ producing equipment in an enclosed space shall be the sole responsibility of the Subcontractor.

14.K Temporary Fencing

Turner may provide temporary fencing and/or access control gates around the site. Subcontractors will be responsible for temporary removals of fence to allow access to their work. Unless specifically authorized by Turner the fence will be restored daily by the responsible Subcontractor at the close of work. If a fence is installed, at no time will sections of the fence be removed and left unattended. Any temporary fencing removals are to be approved by Turner's Superintendent forty-eight (48) hours in
advance. Turner will replace any fence removed but not replaced at the end of shift at the Subcontractor’s expense. Notice will not be given prior to Turner performing this work - deductive back charge will be issued immediately.

14.L  Temporary Office, Storage Trailers, Job Shacks
Each Subcontractor will be responsible for providing and maintaining their own temporary office and other such facilities as may be required to accommodate their work force and for the storage, protection and safekeeping of their materials and supplies.

Subcontractor shall be responsible for all services and clerical equipment required by their personnel. Usage of Turner telephones will be allowed only in an emergency. Printing and copying of any documents will be the responsibility of the subcontractor.

Space for temporary offices will be limited on-site and will be allowed on an “as available” basis. Locations will be coordinated in advance with Turner’s Superintendent. Onsite temporary offices and storage trailers may need to be relocated as the work progresses. This relocation of temporary facilities will be Subcontractor’s responsibility.

If Subcontractor chooses to have a temporary office onsite, that subcontractor will be responsible for providing all temporary utilities connections at the trailer location. If available in the trailer compound, water and sewer services will be made available to the subcontractor - extension of the service and hook up shall be the responsibility of the Subcontractor.

Subcontractor will discontinue use and remove temporary facilities as directed by Turner.

14.M  On Site Communications
Subcontractor shall provide cellular phone to all job-site supervision and safety personnel.

14.N  Signage
Company signs are required on job trailers, vehicles, and equipment. Other Subcontractor signs will not be permitted on the project. Political signs will not be permitted. Company signs may not be placed on the site fence.

14.O  Temporary Access
Entrances and access to the site will be located around the site per the Site Logistics Plan. Entrances and access roads may be relocated and/or closed as required to accommodate the progress of the work. Any changes to site access and temporary roads will be planned ahead and coordinated at the weekly subcontractor coordination meeting. Any work that will disturb access must be indicated on this subcontractor’s detailed schedule and notice must be given to Turner’s Superintendent seven (7) calendar days in advance.

14.P  Material Delivery and Storage
Where materials are to be furnished to this Subcontractor by others, it will be understood that such materials are to be delivered F.O.B. job site, and the receiving, unloading, inventorying, handling, protecting, and all other work thereafter will be by this Subcontractor.

Subcontractor understands the importance of coordinating deliveries of all materials and equipment such as to minimize double handling and creating obstacles to the work. Only material to be utilized for a particular week will be allowed on the floor and shall be staged in various areas identified as “buffer” zones. Only items that will be used during a particular day will be allowed to be staged in rooms or hallways. Materials and equipment will be stored on wheeled carts or dollies so that they can be easily moved. There may exist the need for Subcontractor, sub-subcontractors, vendors, and material men to obtain off-site warehousing and or temporary storage for the materials and equipment required for this Work. The costs associated with these supplemental storage arrangements are included in the base subcontract amount.
All materials on site are to be stored and protected per manufacturer’s recommendations. Storage of materials, including security for such stored materials, is the responsibility and obligation of the Subcontractor to whom the materials are delivered. Subcontractor receiving the materials will furnish, install and remove all necessary storage facilities (such as sheds, lockers, waterproof coverings), required to adequately protect the materials delivered.

Coordination of all deliveries and location for storage of materials must be approved by Turner’s Superintendent. Due to availability or site logistics, unscheduled deliveries may be turned away, and storage may be in multiple locations or not available at all. All materials and equipment deliveries and all contract vehicle movements destined for the building site will occur via routes designated by Turner.

Subcontractors are to sequence and schedule deliveries and hoisting requirements with the Turner Superintendent.

Trucks being staged on site require prior approval of the Turner Superintendent.

Clearly label boxes/bundles/containers with Subcontractor name and content and date delivered.

Payment for Stored Materials will be treated on a case by case basis, and will require approval prior to billing, and will be the exception rather than the rule. Payment for Materials or Equipment stored at the project site shall require: a detailed bill of materials clearly defining the materials or equipment and their value, photo evidence of the conditions of the materials or equipment, inspection reports by Subcontractor, Turner, and Client’s Representative, a notarized bill of sale transferring ownership to the Client, evidence of insurance coverage (this coverage is not provided under any CCIP or Builders Risk for the Project), storage in a Bonded Warehouse, (Unless specifically written into a Subcontract, no payment shall be allowed for materials stored at the subcontractor or manufactures’ warehouse or plant), Subcontractor’s payment for travel cost of Owner’s Representative to inspect.

14.Q Flagging, Traffic Control, and Traffic Regulations
The Subcontractor will be responsible for providing any necessary traffic control/flagging for the Work to assure safe and orderly flow of traffic in the area, as required by the local authorities, and Turner, including traffic and pedestrian control as required for the completion of the Work. Where required by local regulations, all Traffic Control shall be performed by a DOT trained and certified flagman, this certificate shall be available for review. The Subcontractor shall be aware of the local and state requirements for approval of truck routes prior to start of work and the responsibility for cleaning of streets, as may be necessary in connection with the Subcontractor’s work.

Subcontractor is required to comply and adhere to the traffic regulations, and all authorities having jurisdiction. These include but are not limited to, peak hour restrictions, use of traffic control signs and devices, and maintaining right-of-way.

14.R Crane
Subcontractor will be responsible for the hoisting of its own materials. All construction cranes, rigging, concrete lifts, and other conveyances or apparatus including, but not limited to cranes, boom trucks, man lifts, required to complete the Work and not described within this document as supplied by Turner will be furnished, installed, maintained, operated, and removed by the Subcontractor. The location of any such hoisting equipment must be approved by Turner’s Superintendent.

If Turner furnished, crane operation will be limited to one shift corresponding to the working hours established for the project or as modified by the Turner Superintendent. Crane usage outside of the established shift must be arranged by the Subcontractor needing such and may be subject to use charges. If the capacity and/or reach of this crane are not adequate for Subcontractor’s work, Subcontractor must include costs for supplemental hoisting. Turner will not be responsible for providing supplemental hoisting equipment.

14.S Man/Material Hoist
If provided, Man/Material hoist will be available during regular working hours for movement of personnel and gang boxes. All material deliveries must occur after regular work hours. All overtime use of the man/material hoist (rental and operator) will be scheduled a minimum of one week prior and will be
charged to the Subcontractor requiring at established rates. Subcontractors should not assume uninterrupted continuous usage of any hoist.

14.T Waste Management

Turner requires that as many waste materials as possible produced as a result of this project be salvaged, reused or recycled in order to minimize the impact of construction waste on landfills and to minimize the expenditure of energy and cost in fabricating new materials.

Subcontractors are required to recycle wastes listed below that are generated as a result of work performed on this project. Materials need to be source separated on the job site. If necessary, Turner will provide separate containers (if space is available) for the following materials:

- Wood
- Concrete
- Metals (ferrous and non-ferrous)
- Cardboard
- Co-mingled waste

Subcontractors contaminating dumpsters by improperly sorting debris will be charged with the cost of disposing of those dumpsters.

Burial or burning of waste materials will not be permitted.

Chemicals and hazardous materials are to be properly and legally disposed of off-site by the responsible Subcontractor and are not to be disposed of in the dumpster.

Reporting of recycling efforts is required of all Subcontractors that perform hauling of waste materials offsite. Specifically but not limited to demolition, excavation, masonry, metals, and drywall operations. Reports shall be submitted to Turner on a monthly basis and shall clearly describe tonnages of recycled materials, general wastes or land-filled materials.

15. Temporary Services

Turner does not warrant that temporary services will be operational 100% of the time, and will not accept responsibility for cost for expenses to the Subcontractor realized as a result of downtime or failure of temporary services.

Subcontractors requiring temporary construction services over and above the temporary services described herein will be required to provide the additional services at their cost.

15.A Temporary Non-Potable Water

Temporary water via a hose bib will be available on grade at location(s) indicated on the Site Logistics Plan. Subcontractor is responsible for distribution beyond this point. As permanent water system is installed, the type and location of temporary water source connections will change.

Turner will provide and maintain chemical toilets on grade (and, in buildings over 4 stories, on every third floor as the slabs on each level are placed).

15.B Temporary Heat

Unless specifically outlined on the Site Logistics Plan, temporary heating or ventilating systems required by the Subcontractor will be furnished and maintained by the respective Subcontractors.

15.C Temporary Lighting and Power

Temporary lighting and power will be provided per OSHA standards. Subcontractors will be responsible for any additional lighting and power for the performance of their Work.

Subcontractors will be responsible for the power requirements of any special hoisting, staging, equipment or installations they require for the performance of their work.
16. Roof Protocol for Areas with Roof Membrane in place

16.A Non-Cutting Work Areas

Notify Turner of areas to be working forty-eight (48) hours in advance.
Lay down visqueen (6mil) under area to be worked.
As a base line, place 2” rigid foam on top of the 6 ml visqueen with plywood or Masonite on top of the rigid foam.
All sharp objects are to be removed from the area daily.

16.B Cutting Work Areas

Notify Turner of areas to be working.
Lay down visqueen (6mil) under area to be worked.
Place 2” rigid foam on top of the 6ml visqueen.
Place plywood or Masonite on top of the rigid foam.
Lay carpet on top of the wood to catch the shavings.
All sharp objects and shavings are to be vacuumed up daily.

16.C After Work is Complete

Carefully sweep up the area to make sure that all debris has been removed.
Roll up visqueen, making sure that all fines are cleaned up from the plastic and carpet.
Notify Turner that work is complete and cleaned up.
In the case of a puncture, do not remove the object, and notify Turner immediately.

17. Blocking

Subcontractor is required to furnish and install all blocking or backing required to support their work which is not specifically identified on the drawings.
If blocking indicated on the Contract Documents is not adequate, the Subcontractor is required to provide and install adequate blocking to support its work.
In the case of a conflict, no blocking will be removed without first notifying the Turner Superintendent.
Blocking must be non-flammable and meet all requirements of the specifications.
The Subcontractor will install the blocking in coordination with other trades. Installation of blocking will be sequenced as not to delay closure of walls.

18. Fireproofing

Attachments to fireproofed materials is to be installed prior to fireproofing.
Subcontractor is responsible for costs of fireproofing patching on changes when they occur. Includes all fireproofing damaged or removed for the installation of the Work and schedule an inspection with Turner’s Superintendent after fireproofing is repaired.
If fireproofing needs to be removed, it will be done using the wet method only, and shall be cleaned up immediately after removal.

19. Cleaning

Turner’s objective is; “debris should never hit the floor”. Subcontractor shall provide and utilize waste receptacles to receive packing materials and cutoff scrap as it is generated. Subcontractor will be responsible for removing debris from the building on a daily basis. Unless indicated otherwise in the Additional Provisions (Scope of Work), the debris is to be placed in the proper dumpster provided by Turner at grade, or hauled off-site and properly disposed. The responsible Subcontractor must remove all burnable debris from the building on the same working day that it arrives or is created, including trash resulting from coffee or lunch breaks.
During the execution of the Work, the work areas will be maintained in a neat and orderly condition. If daily clean up is not adequate, Turner may initiate jobsite cleanup “team” program. **Participation by each Subcontractor will be one laborer per every ??? employees to perform clean up.** The frequency and timing for this task will be determined based on need. Participation is required from ALL subcontractors.

Subcontractor shall be responsible for the removal of marks, stickers, temporary labels/signs, stains, dirt, paint, packaging, or temporary containers from the Work, as soon as practical after installation. Each contractor will maintain whatever equipment needed picking up and controlling debris. Trash and recycling containers within building are to be plastic not metal (Rubbermaid or equal). Each tote needs to be labeled with the company name and tote number. Once drywall is installed, all carts will be required to have padding on the edges.

Each Subcontractor will pick up garbage and dirt and dispose of it into dumpsters at the end of each shift or the end of each task performed in an area, whichever comes first.

**19.A Rough Work Stage of Construction**

Construction rubbish may be collected in piles and will be placed in the appropriate dumpster at daily intervals to prevent dangerous build-up of debris as the hazards and rate of accumulation warrant. Dumpsters will be on grade.


- Provide containers to receive construction rubbish located at strategic points.
- Allow no rubbish to accumulate outside containers.
- Containers shall be emptied daily.
- All areas will be left broom clean and piles dumped into a receptacle outside the building.
- The Subcontractor will be responsible for all street and sidewalk cleaning necessitated by their work.

**19.C Finish Work Stage of Construction**

- Appropriate sweeping compound is to be used once ceiling work begins.

Boot covers are to be supplied by and used by all Subcontractors once the finish flooring is installed. Each Subcontractor shall be responsible for the final cleaning of their work just prior to turnover to the Owner. This shall include removal of marks, stains, dust, dirt, debris, paint, packaging, temporary containers, or such regardless of origin. The finished product shall be cleaned to the complete satisfaction of the Turner Superintendent before final approval is requested.

**19.D Turner’s Right to Clean**

If any Subcontractor fails to remove his rubbish and debris within 24 hours of being given a written notice by Turner to the Subcontractor’s field representative, Turner will, without further notice, perform removal of said rubbish and debris with the cost of removal being charged to the delinquent Subcontractor.

If Turner deems clean-up is of an emergency nature, Turner will immediately notify the Subcontractors involved and begin necessary clean-up should the subcontractor be unable to respond and back charge the failing Subcontractor’s for all expenses incurred.

**20 Quality Assurance/Quality Control**

Refer to **Project Quality Assurance and Quality Control Manual** when available.

Subcontractor has recognized and included necessary provisions for the installation of this Work that are within the contract documents tolerances.
Subcontractor will arrange and pay for tests and inspections as specified and not specifically indicated to be paid for by the Owner, plus the following:

- Additional tests, samples, inspections or engineering services the Subcontractor determines appropriate for performance of the Work or for Subcontractor's convenience.
- Tests, inspections or laboratory services necessary with respect to substitutions.
- Tests and inspections required or conducted by public authorities as part of permits or inspection fees.
- Other tests and inspections indicated to be by Subcontractor.

Notify Turner, in writing, 7 working days in advance of all required tests and a minimum of 72 hours in advance of all required inspections, unless otherwise specified.

The Subcontractor is to cooperate and facilitate testing laboratory personnel, and provide access to Work and manufacturer’s facilities.

Provide the testing laboratory with preliminary materials requiring control by testing laboratory. Furnish incidental labor and facilities: to provide access to Work being tested, to obtain and handle samples at the Project Site or at the source of the product being tested, and for storage and curing of test samples.

20.A Manufacturer’s Instructions
When Contract Documents require installation to comply with manufacturer’s recommendations, obtain copies of instructions and distribute to parties involved.

Maintain one (1) set of complete instructions at the Project Site during installation and until completion.

Handle, install, connect, clean, condition and adjust products in compliance with manufacturer’s recommendations as to comply with specified requirements.

Should Project conditions or specified requirements conflict with manufacturer’s recommendations, contact Turner for consultation with the Designer for clarification.

Do not proceed with Work without clear directions.

Do not omit preparatory steps or installation procedures unless specifically modified or exempted by Contract Documents.

21 Surveys and Layout
Turner as outlined below will supply basic line and grade controls. Each Subcontractor will be responsible for working from these controls to layout their work as required.

21.A Buildings
- One (1) elevation point per floor.
- One offset Column Line in each Direction on each floor.
- Lines on drywall will be snapped in yellow or white chalk only.

21.B Sitework
- Two (2) floor elevation bench marks on the site.
- Four (4) control points with northings and eastings on the site.
- Subcontractors will be responsible to provide Turner with electronic copies of points placed on a biweekly basis.
Project Conditions - Applicable to All Subcontractors and Suppliers

Subcontractor is to provide all line and grades for their work from the controls described above. If a Subcontractor requests additional survey work, Turner will coordinate with the survey entity and disperse any cost which may be due as a result of the additional services.

22 Close out

This Subcontractor shall provide personnel, labor, materials, documentation, and participate in the testing and/or inspections required for “Temporary Certificates of Occupancy” (TCO) and the “Certificate of Occupancy” (CO) and to comply with the requirements of the Plans and Specifications and the authorities having jurisdiction. Subcontractor will be required to be present at all times during these tests, walk-thru, and inspections. Testing may be performed “off-hours”, nights, and weekends if required by the Owner, Engineer, and/or by the authorities having jurisdiction.

22.A Owner Training

All required Owner training shall be presented to the satisfaction of the Owner. Equipment and systems training will be documented and videotaped (2 copies) by the responsible subcontractor. Unless directed otherwise, training will be performed following substantial completion, and again six months after the facility is generally occupied. The second training may be by playing the videotape, but must be accompanied by a person that can answer questions and conduct a site tour if needed.

22.B Operation and Maintenance Manuals

Information that will go in O&M Manual must be collected and organized as soon as the information is available. Turner will collect the information from the subcontractors and organize the combined O&M manuals that will be issued to the Client. Complete O&M information should be presented to Turner prior to delivery of equipment. Final invoicing or any invoicing requesting a reduction in retainage will not be processed until final documents have been received and verified. Unless specifically exempted, O&M Manual information must be provided in an acceptable electronic format.

22.C Record Documents

As the work progresses, Subcontractor shall update any 3-D models for which they have responsibility, or shall mark one set of drawings, specifications, and submittals to show any changes or deviations made in the actual construction of the Project. Include changes in locations, sizes and kinds of material. This “as-built” set will be available at the construction site at all times for inspection by the Owner or Turner. This document will be maintained daily to reflect current information. These “as-built” drawings will be reviewed monthly at pay application time. Current record drawings are required for approval of monthly progress payments. These documents must be turned over to Turner before any reduction in retainage and/or final payment to the Subcontractor will be processed.

22.D Warranty

Official warranties shall start on the day the Client accepts the Entire Project, which unless indicated otherwise shall be considered as the Date of Substantial Completion. Each subcontractor's warranty must extend to the full term as required by the contract documents which will typically mean a period of time in excess of normal warranties from the manufacturers. Unless indicated otherwise, permanent equipment will be used for HVAC, lighting and hoisting as soon as they are available, and subcontractor's warranties must be extended to fully cover that use in addition to the official warranty period. Warranties extending more than twelve (12) months after Substantial completion shall be written directly to the Owner but transmitted through Turner. All warranties shall be transferable upon the sale of this property.

Project Specific Conditions – Choose-project specific items below

23.A – Fit for Duty

☐ Fit for Duty will be implemented on this project. See attachment XX of Additional Provisions – Safety Program for specifics.

☐ Fit for Duty will NOT be implemented on this project.
23.B - Insurance Requirements on the Project

☐ Insurance Coverages shall be provided by insurance companies selected by this Subcontractor. Refer to Insurance Requirements list and Additional Provisions (Scope of Work) for specific requirements.

Insurance coverages shall be provided through a consolidated insurance program that insures Subcontractor and its eligible lower tier subcontractors, which program has been made available to Subcontractor by Contractor. Refer to CCIP Manual for specific requirements.

☐ Insurance coverages shall be provided through an Owner Controlled Insurance Program (OCIP). Refer to CCIP Manual for specific requirements.

23.C – LEED Goal of the Project

☐ Goal of the Project is LEED Certified.

☐ Goal of the Project is Silver LEED Certified.

☐ Goal of the Project is Gold LEED Certified.

☐ Goal of the Project is Platinum LEED Certified.

☐ This isn’t a LEED certified project in total, but all practical sustainable practices will be followed, and some facilities on the project may be designated to seek a LEED certification.

23.D – Parking for this Project

☐ Parking for this project is available (at locations) as identified on the site logistics plan.

☐ Parking for this project is limited. Note that parking near the facilities is limited and will be by permit only, overflow parking will be at [______________]. Transportation of workers from the parking areas is the responsibility of the Subcontractor (riding in back of trucks is forbidden.) Parking for this project is NOT available on site. parking will be at [______________] Transportation of workers from the parking areas is the responsibility of the Subcontractor (riding in back of trucks is forbidden.)

☐ Parking for this project is NOT available on site. Turner Construction will not be responsible for designating and/or coordinating off-site parking. This subcontractor has included necessary provisions in order to perform this scope of Work. Transportation of workers from the parking areas is the responsibility of the Subcontractor (riding in back of trucks is forbidden.)

23.E - Billing and Invoice Cycle

Subcontractor shall establish a schedule of values consistent with the contract requirements. Anticipated Billing and Payment Cycle for this project is: Pencil copy of invoice for work through the 30th to Turner field staff by the 20th, approvable formal invoice to Turner by the 25th, Turner submits to Client on the 30th, payment from the Client expected to be prior to the 30th of the following month.

23. F Tax Exemption Status of the Project

☐ This project is not taxable; however, taxes will be indentified in invoices.

☐ This project has tax exemptions. Refer to Tax Exemption Program.