

ADDENDUM NO. 01**DATE: April 22, 2020****PROJECT: Inglemoor High School Concert Hall + Music Building Project**

The additions, clarifications and corrections herein shall be made to the Project Manual, Drawings and Schedules for the above-referenced project, and shall be included in the scope of work and proposals to be submitted.

NOTE: References made below to the Project Manual and Drawings shall be used as a general guide only. The Bidders themselves shall determine the work affected by the Addendum items.

PROJECT MANUAL ITEMS

1. Section 001116 Invitation to Bid
 - a. Replace Section 001116 in its entirety. (Section 001116 Invitation to Bid is attached to this Addendum.)
 - b. Bid Package BP-31.1 Site Development Bid Date is being postponed until further notice.
2. Section 002113 Instructions to Bidders (Revised Section can be found at end of this addendum in its entirety for convenience).
 - a. ADD Paragraph 1.2.C: Bidders may submit separate and/or combined bids for bid packages BP-03.1 and BP-05.1. In order to submit a combined bid, bidders must identify this on the first line of the Bid Form by writing in all Bid Package title numbers (BP-03.1 & BP-05.1) for which their base bid includes. Combined bids and separate bids may be submitted on separate bid forms within the same envelope and covered by the same Bid Bond, or separate envelopes and separate bid bonds at the bidder's discretion. Award will be made based on the lowest total of individual or combined bids.
3. Section 002217 Safety (Revised Section can be found at end of this addendum in its entirety for convenience).
 - a. ADD Paragraph 1.1.H: All Trade Contractors must implement coronavirus prevention practices consistent with DOSH Directive 1.70, and any subsequent updates of same, throughout the duration of the project unless otherwise allowed by the Authorities Having Jurisdiction. Trade Contractors are to assume for purposes of bidding that these practices must be implemented throughout the entire execution of the project.
4. Section 002410 General Scope of Work. (Section 001116 Invitation to Bid is attached to this Addendum.)
 - a. ADD Paragraph 2.1.Y: SAFETY: Bidder acknowledges section 00 2217 Safety including coronavirus prevention practices consistent with DOSH Directive 1.70.
5. Section 002413 Specific Scope of Work



- a. Replace Section 002413 in its entirety. (Section 002413 Specific Scope of Work is attached to this Addendum.)
 - b. Replace Attachment: Bid Package Specification Matrix in its entirety. (Section 002413 Attachment: Bid Package Specification Matrix is attached to this addendum.)
6. Section 003000 Information Available to Bidders
 - a. Add Section 003000 in its entirety. (Section 003000 Information Available to Bidders is attached to this Addendum.)
7. Section 004413 Bid Form
 - a. Replace Section 004413 in its entirety. (Section 004413 Bid Form is attached to this Addendum.)

OTHER ITEMS

1. Addendum NO. 1 from Hutteball + Oremus Architecture dated April 21, 2020 is attached to this addendum.

SECTION 00 1116 – INVITATION TO BIDDERS

PROJECT: Inglemoor High School Concert Hall + Music Building Project

LOCATION: 15500 Simond Road NE
Kenmore, WA 98028

OWNER: Northshore School District NO. 417
22105 23rd Dr. SE
Bothell, WA 98021
Contact: Ashley Clericus
Phone: (425) 408-7651
Email: aclericus@nsd.org

GCCM: Cornerstone General Contractors, Inc
11805 North Creek Parkway South, Ste #115
Bothell, WA 98011
Contact: Sam Comer
Phone: (425) 481-7460
Email: sam@cornerstonegci.com

ARCHITECT: Hutteball & Oremus Architecture, Inc.
4010 Lake Washington Blvd NE, Suite 320
Kirkland, WA 98033
Contact: Kevin Oremus
Phone: (425) 828-8948
Email: koremus@hoarch.com

For the following bid packages, sealed bids must be submitted by email to Ashley Clericus (aclericus@nsd.org), Northshore School District No. 417, at time and dates listed below.

BID PACKAGE		BUDGET	BID DATE/TIME
BP-03.1	Building Concrete	\$ 2,260,000	May 11, 2020 / 2:00PM
BP-05.1	Steel Fab/Erect	\$ 2,280,000	May 11, 2020 / 2:00PM
BP-08.2	Openings	\$ 490,000	May 11, 2020 / 2:00PM
BP-10.1	Construction Specialties	\$ 600,000	May 11, 2020 / 2:00PM

IT IS THE INTENT OF CORNERSTONE GENERAL CONTRACTORS, INC. TO BID ON BID PACKAGES BP-03.1, BP-05.1, BP-08.2 AND BP-10.1 AS A TRADE CONTRACTOR. FOR THIS REASON, THE OWNER WILL EXCLUSIVELY MANAGE THE BIDDING PROCESS FOR THESE BID PACKAGES.

For the following bid packages, sealed bids must be received at Cornerstone General Contractors, Inc. offices, located at 11805 N. Creek Pkwy S, Suite #115, Bothell, WA 98011 at time and dates listed below

BID PACKAGE		BUDGET	BID DATE/TIME
BP-06.0	Casework & Finish Carpentry	\$ 760,000	May 12, 2020 / 2:00PM
BP-07.1	Metal Panels, Siding & Flashings	\$ 1,590,000	May 12, 2020 / 2:00PM
BP-07.2	Thermoplastic Membrane Roofing	\$ 420,000	May 12, 2020 / 2:00PM
BP-08.1	Aluminum Window Systems & Glass	\$ 680,000	May 12, 2020 / 2:00PM
BP-09.1	Framing & GWB	\$ 2,470,000	May 12, 2020 / 2:00PM
BP-09.2	Acoustical Ceilings and Treatments	\$ 360,000	May 12, 2020 / 2:00PM
BP-09.3	Carpet & Resilient	\$ 180,000	May 12, 2020 / 2:00PM
BP-09.4	Tiling	\$ 150,000	May 12, 2020 / 2:00PM
BP-09.5	Painting, Coatings & Sealants	\$ 190,000	May 12, 2020 / 2:00PM
BP-14.1	Elevators	\$ 90,000	May 12, 2020 / 2:00PM
BP-21.1	Fire Sprinklers	\$ 270,000	May 12, 2020 / 2:00PM
BP-22.1	Mechanical	\$ 2,610,000	May 12, 2020 / 2:00PM
BP-31.1	Site Development	\$ 3,160,000	TBD
BP-32.1	Landscape & Irrigation	\$ 250,000	May 12, 2020 / 2:00PM

BID DOCUMENTS: Bid Contractors may obtain one set of plans and specifications from DRSi upon receipt of a refundable deposit of \$200.00 made payable to Cornerstone General Contractors, Inc.

DRSi
12880 NE 21st PL
Bellevue, WA 98005
Phone: (425) 882-2600

Plans and specifications may also be viewed at Builders Exchange at www.bxwa.com under Cornerstone General Contractor's Inc, link, Projects Bidding (no password required). Or on the Owner's website at <http://www.nsd.org/business>.

BONDS: For all bids that exceed \$300,000 a Performance and Payment Bond is required. Bid Bond in the amount of 5% of the total bid is required for ALL bids that exceed \$300,000.

PREBID MEETING: Date/Time: April 23, 2020 @ 2:00 PM

To Respect Social Distancing guidelines the prebid meeting will be held online via Zoom. Please contact Sam Comer via phone 425-481-7460 or email sam@cornerstonegci.com to obtain zoom meeting information.

Site visits are permitted by appointment only. Please contact Sam Comer via phone 425-481-7460 or email sam@cornerstonegci.com to set up a site visit appointment.

Site Location: Inglemoor High School
15500 Simond Road NE
Kenmore, WA 98028

***Bidders are encouraged to attend pre-bid meeting but it is not mandatory.**

TRADE UNIONS: Trade Contractor recognizes Cornerstone has an agreement with the following Union; Pacific Northwest Regional Council of Carpenters. In accordance with RCW 39.10.380 Subcontractor Bidding Procedure, Trade Contractors shall be obligated and bound to such agreements for work claimed by the Carpenters Union. Should any of Trade Contractor work (including work of lower tier subcontractors) be claimed by this Union, Subcontractor will enter into an agreement with this Union for performance of the claimed work on this project.

SCOPE: See Section 002410 – General Scope of Work and Section 002413 – Specific Scope of Work.

NOTES: **Cornerstone General Contractors Inc. is acting as a construction manager for the Northshore School District, not as a general contractor on this project. For this reason, all rules for public bidding must be followed by all contractors bidding these packages. Bids must be submitted as indicated in the Instructions to Bidders. Faxed bids, bids which are not on the proper bid form, and bids that do not fulfill the requirements of the Instructions to Bidders, cannot be accepted. All bids shall remain valid for a period of 90 calendar days. Refer to RCW 39.10.380, Cornerstone General Contractors has a labor agreement with the Pacific Northwest Regional Council of Carpenters.**

END OF SECTION 00 1116

SECTION 00 2113 – INSTRUCTIONS TO BIDDERS

PART 1 - GENERAL

1.1 EXPLANATION TO PROSPECTIVE BIDDERS

- A. Work pursuant to the Contract shall commence based on a Notice to Proceed issued by the GC/CM Contractors, in its sole discretion. Provided, you are hereby notified that the Owner has and/or is in the process of submitting for the applicable site and building permits. Owner reserves the right, in its sole discretion, to terminate this Invitation to Bid and any contract awarded thereto should the contract requirements turn out to be substantially changed during the applicable permit review periods.
- B. In accordance with RCW 39.04.380 effective March 30, 2012 the state of Washington is enforcing a **Reciprocal Preference for Resident Contractors**. Any public works bid received from a non-resident contractor from a state that provides an in-state percentage bidding preference, a comparable percentage disadvantage must be applied to the bid of that non-resident contractor.

A nonresident contractor from a state that provides a percentage bid preference means a contractor that:

- 1. is from a state that provides a percentage bid preference to its resident contractors bidding on public works contracts; and
- 2. at the time of bidding on a public works project, does not have a physical office located in Washington.

The state of residence for a nonresident contractor is the state in which the contractor was incorporated or, if not a corporation, the state where the contractor's business entity was formed.

This section does not apply to public works procured pursuant to RCW 39.04.155, 39.04.280, or any other procurement exempt from competitive bidding.

- C. Any prospective bidder desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must make a request in writing to the Owner or Construction Manager five (5) calendar days prior to the bid date. Oral explanations or instructions given before the award of a contract will not be binding. Any information given a prospective bidder concerning a solicitation will be furnished promptly to all other prospective bidders as an amendment to the solicitation, if that information is necessary in submitting bids or if the lack of it would be prejudicial to other prospective bidders. The term Trade Contractor as referenced throughout these documents refers to Contractors who are bidding on any of the Bid Packages. In addition, the term Contractor when used in the Specifications refers to the Trade Contractor or its subcontractors performing the work.

Please send all questions for BP-03.1, BP-08.2 and BP-10.1 via email to the Owner, Ashley Clericus, at aclericus@nsd.org. Please send all other questions via Email to the GC/CM, Sam Comer at sam@cornerstonegci.com.

- D. The Owner and GC/CM Contractor encourage participation in all of the contracts by MWBE firms certified by the Office of Minority and Women's Business Enterprises (OMWBE). Participation may be either direct basis in response to this invitation or as a subcontractor to a bidder. However, unless required by federal statutes, regulations, grants or contract terms referenced in the contract documents, no preference will be included in the evaluation of bids, no minimum level of MWBE participation shall be required as a condition for receiving an award, and bids will not be rejected or considered non-responsive on that basis. Any affirmative action requirements set forth in federal regulations or statutes included or referenced in the contract documents will apply.

While there are currently no specific inclusion goals directed in the contract, The Owner and GC/CM Contractor believe that diverse backgrounds, perspectives, ideas, and experiences maximize productivity, performance and innovation. As such The Owner and GC/CM Contractor aspire to reach inclusion goals for the Inglemoor High School Concert Hall + Music Building Project as follows:

- 30% Local Businesses and Crafts
- 10% Minority-Owned Business Enterprises (MBE)
- 6% Women-Owned Business Enterprises (WBE)
- 5% Small-Business Enterprises (SBE)
- 5% Veteran-Owned Business Enterprises (VBE)

The Owner and GC/CM encourage vendors and subcontractors to aspire to achieve the same diversity and inclusion benchmarks.

- E. In accordance with RCW 39.04.320 the state of Washington requires 15% **Apprenticeship Participation** for this project. Bidders may contact the Department of Labor and Industries, Specialty Compliance Services Division, Apprenticeship Section, P.O. Box 44530, Olympia, WA 98504-4530, by phone at (360) 902-5320, and email at thum235@lni.wa.gov, to obtain information on available apprenticeship programs.

1.2 PREPARATION OF BIDS

- A. Bids must be: (1) submitted on the bid proposal forms provided in Section 00 41 13 of the project Bidding Requirements Manual, without alteration, addition or qualification; and (2) signed in ink or electronically. The person signing the bid must be initial each change appearing on any bid form. If the bid is made by a corporation, it shall be signed by the corporation's authorized designed. The address of the bidder shall be typed or printed on the bid form in the space provided.
- B. The bid form may require bidders to submit bid prices for one or more items on various basis, including (1) lump sum base bid; (2) lump sum Bid Item prices; (3) unit prices; or (4) any combination of the items 1-3 above.

- C. If the solicitation includes alternate bid items, failure to bid on the alternates may disqualify the bid. **If bidding on all items is not required, bidders should insert the words, "no bid" in space provided for any item on which no price is submitted.**
- D. Substitute bid proposals will not be considered unless this solicitation authorizes their submission.
- E. Bidders may submit separate and/or combined bids for bid packages BP-03.1 and BP-05.1. In order to submit a combined bid, bidders must identify this on the first line of the Bid Form by writing in all Bid Package title numbers (BP-03.1 & BP-05.1) for which their base bid includes. Combined bids and separate bids may be submitted on separate bid forms within the same envelope and covered by the same Bid Bond, or separate envelopes and separate bid bonds at the bidder's discretion. Award will be made based on the lowest total of individual or combined bids.

1.3 BID GUARANTEE

- A. A bid guarantee in the amount of 5% of the base bid amount is required for all **bids exceeding \$300,000.00**. Failure of the bidder to provide a bid guarantee shall render the bid non-responsive. Acceptable forms of bid guarantee are: A bid bond or postal money order, or certified check or cashier's check made payable to Cornerstone General Contractors, Inc.
- B. The Construction Manager will return bid guarantees to unsuccessful bidders as soon as practical, but no sooner than the execution of a contract with the successful bidder. The successful bidder's bid guarantee will be returned with its official notice to proceed with the work of the contract.

1.4 PERFORMANCE & PAYMENT BOND

- A. For Bid Packages in excess \$300,000 a performance and payment bond, naming the GC/CM as Obligee, in the amount of 100% of the Bid Package contract value, will be required from the Trade Contractor. The cost of this bond is to be included in the Base Bid for this work. An A. B. Best Rated Surety Company must issue this bond, and it must be issued on the Forms included in Spec. Section 00 52 13. The Bond shall be forwarded to the GC/CM within 10 calendar days of receiving award.

1.5 ADDITIVE OR DEDUCTION BID ITEMS

- A. The low bidder, for purposes of award, shall be the responsive bidder offering the low aggregate amount for the base bid amount, plus the additive and/or deductive bid alternates selected by the Owner and GC/CM.
- B. The bidder agrees to hold all Bid Item prices for ninety (90) days from the date of bid opening unless otherwise noted.

1.6 ACKNOWLEDGEMENT OF ADDENDA

- A. Bidders shall acknowledge receipt of all addenda to this solicitation by identifying the addenda numbers in the space provided for this purpose on the bid proposal form. Failure to do so may result in the bid being declared non-responsive.

1.7 SITE INVESTIGATION AND CONDITION AFFECTING THE WORK

- A. The Contractor acknowledges that it has taken steps necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its cost, including but not limited to (1) the nature of the facilities being demolished, (2) the nature of the occupied school campus, (3) conditions bearing upon transportation, disposal, handling, and storage of materials, (4) the availability of labor, water, electric power, and road, (5) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (6) the conformation and conditions of the ground, and (7) the character of equipment and facilities needed preliminary to and during the work. The contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including exploratory work done by the Owner, as well as from the drawings, and specifications made a part of this contract. All documents are available for review and are issued with the Contract Documents. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work.

1.8 BID AMOUNTS

- A. The prices shown for each item on the bid proposal shall include all labor, material, equipment, overhead and compensation to complete all the work for that item.
- B. If applicable, the actual cost of the building permit (only) and the public utility hookup fees will be a direct reimbursement to the Contractor or paid directly to the permitting agency by the Owner. Fees for the permits shall not be included by the Bidder in the bid amount.
- C. The Bidder agrees to hold the base bid prices for ninety (90) days from the date of bid opening.

1.9 TAXES

- A. The bid amount shall not include Washington State Sales Tax (WSST) on the total submitted bid. All other taxes imposed by law shall be included in the bid amount.

NOTE: Contractor must bond for the contract amount plus WSST.

1.10 INSURANCE

- A. Bidders shall include the minimum insurance requirements listed in Section 005213 in their bid amount.
- B. Builders Risk coverage is being carried by the GCCM. Trade Contractors shall be responsible for all losses related to their scope of work up to the policy deductible amount of **\$10,000.00** per occurrence. Trade Contractors may choose to carry additional coverage or gap coverage at their option.

1.11 SUBMISSION OF BID

- A. Bids must be submitted at the location and at or before the time specified in the Invitation to Bid.
- B. Bids for bid packages for BP-03.1, BP-08.2 and BP-10.1 must be submitted by email to Owner, Ashley Clericus, at aclericus@nsd.org. Bids for all other bid packages must be submitted in a sealed envelope addressed to the Construction Manager. The following information shall be in the subject line of the email or on the front of the envelope:
 - 1. the project name and description- Bid Package #_____
 - 2. the name of the bidder.
- C. Prior to the bid opening, the GC/CM and Owner will designate the official bid clock. Any part of the bid proposal or bid modification not received prior to the times specified, per the designated bid clock, will not be considered and the bid will be returned to the bidder unopened.
- D. All bids will be formally opened immediately following the time specified for submittal of bids. The Owner will conduct its bid opening virtually. A link to this meeting will be available on Owner's website at <http://www.nsd.org/business>.
- E. A bid may be withdrawn in person or by email by a bidder's authorized representative before the time established for receipt of bids.

1.12 RETENTION BONDS

- A. All costs shall be included in bidders price should bidder wish to provide a bond in lieu of retainage held in an escrow account. Bidders shall comply with all requirements of RCW 60.28.011 as amended by House Bill 1538.

1.13 BID RESULTS

- A. After the Bid Opening, Bidders may obtain the bid results by email from the Construction Manager. Bid tabulation for BP-03.1, BP-08.2 and BP-10.1 will be posted on Owner's website at <http://www.nsd.org/business>. Do not telephone the Owner, Architect or Construction Manager for bid result information.

Send email requests to: sam@cornerstonegci.com

1.14 BIDDER RESPONSIBILITY AND RESPONSIVENESS

- A. Unless otherwise noted, the GC/CM will evaluate bids in response to the solicitation.
- B. Before award of a public works contract, a bidder must meet the following responsibility criteria to be considered a responsible bidder and qualified to be awarded a public works project. The bidder must:
 - 1. At the time of bid submittal, have a certificate of registration in compliance with chapter 18.27 RCW;
 - 2. Have a current state unified business identifier number;
 - 3. If applicable, have industrial insurance coverage for the bidder's employees working in Washington as required in Title 51 RCW; an employment security department number as required in Title 50 RCW; and a state excise tax registration number as required in Title 82 RCW;
 - 4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3);
 - 5. If bidding on a public works project subject to the apprenticeship utilization requirements in RCW 39.04.320, not have been found out of compliance by the Washington state apprenticeship and training council for working apprentices out of ratio, without appropriate supervision, or outside their approved work processes as outlined in their standards of apprenticeship under chapter 49.04 RCW for the one-year period immediately preceding the date of the bid solicitation; and
 - 6. Have received training on the requirements related to public works and prevailing wage under this chapter and chapter [39.12](#) RCW. The bidder must designate a person or persons to be trained on these requirements. The training must be provided by the department of labor and industries or by a training provider whose curriculum is approved by the department. The department, in consultation with the prevailing wage advisory committee, must determine the length of the training. Bidders that have completed three or more public works projects and have had a valid business license in Washington for three or more years are exempt from this subsection.
 - 7. Within the three-year period immediately preceding the date of the bid solicitation, not have been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW.
- C. A Trade Contractor's bid will be considered responsive if it meets the following requirements:
 - 1. is received by the proper time and at the proper place;
 - 2. is submitted by a licensed/registered contractor within the State of Washington who is not banned from bidding by the Department of Labor and Industries;
 - 3. is submitted on the proper form, without alteration, addition or qualification.
 - 4. is accompanied by the appropriate bid guarantee;
 - 5. includes the full scope of work as defined on the Bid Form;
 - 6. fulfills all Subcontract Reporting Requirements; and
 - 7. is submitted by a qualified contractor.

- D. The Owner or GC/CM may reject any and all bids at its discretion, and waive minor irregularities in bids received.
- E. The GC/CM may negotiate bid price adjustments with the low responsive bidder, including changes in the contract plans and specifications, to bring the bid within budget per RCW 39.04.015.

1.15 PROTESTS

- A. Any actual or prospective Bidder, or subcontractor or supplier showing a substantial economic interest in this Contract, who is aggrieved in connection with the solicitation or award of this Contract, may protest to the Owner in accordance with the Owner's Protest Procedure. The Protest Procedure can be found on the Owner's website at <http://www.nsd.org/business>.
- B. Failure to comply with the Protest Procedure will render a protest untimely or inadequate and may result in rejection thereof by the District.

END OF SECTION 00 2113

SECTION 00 2217 - SAFETY

PART 1 - GENERAL

1.1 SUMMARY

- A. During construction of the Inglemoor High School Concert Hall + Music Building project, the protection of Students, Teachers, the public, project staff, and all trades people involved in the project from construction accidents will be of primary importance.
- B. Safety on the project site must never be compromised. Construction activities on the project shall be conducted to meet or exceed all applicable local, State and Federal safety and health laws, regulations and standards.
- C. All personnel on site must attend Construction Managers Safety site orientation.
- D. Smoking or tobacco products are not allowed on site.
- E. Each employee on the project shall assume responsibility for safety as a personal duty.
- F. No one is allowed to work in a manner that endangers anyone's life or health.
- G. Whenever the term "contractor" is used herein, it shall mean the Trade Contractor (i.e., subcontractor) or lower tiered Trade Contractor (i.e., sub-subcontractor) who is performing the work.
- H. All Trade Contractors must implement coronavirus prevention practices consistent with DOSH Directive 1.70, and any subsequent updates of same, throughout the duration of the project unless otherwise allowed by the Authorities Having Jurisdiction. Trade Contractors are to assume for purposes of bidding that these practices must be implemented throughout the entire execution of the project.

1.2 SUBMITTALS

A. PRIOR TO CONSTRUCTION

Construction safety is of primary importance to the Owner and to the Construction Manager. To help achieve the commitment of a safe workplace, the following submittals will be required from all contractors and all lower tier contractors who perform work on the project site:

- 1. A written copy of contractor's Project Specific Safety Program that outlines procedures that will be adhered to by contractor's employees.
- 2. A written copy of contractor's Hazard Communication Program that outlines procedures that will be implemented on the project site. Specifics of this program shall include:
- 3. One copy of all Material Safety Data Sheets (MSDS) for all materials that will be used on the project site

4. Names of all First Aid/CPR trained people who will be working on the project site.
5. Names of all trained Competent Persons when required for work activities that involve fall protection, scaffolding, excavations and trenching, or any other work activity requiring a Competent Person not addressed herein

B. DURING CONSTRUCTION

1. Conduct weekly safety meeting and submit a copy of the minutes of each meeting to the Construction Manager within 24 hours of the meeting.
2. In the event of an accident, each contractor or lower tier contractor involved in the incident shall notify the Construction Manager immediately so that the appropriate procedures can commence. Parties involved in an accident shall complete and submit an Accident Analysis form and copies of any photographs taken of the incident, and any additional incident reports required to properly document the incident. All required documentation shall be completed and submitted to the Construction Manager within 24 hours of the incident.
3. All employees directly involved in an incident that results in personal injury, property damage or reasonable cause shall be screened for alcohol and drugs. Failure to comply shall result in immediate dismissal from the project site.
4. Contractors who employ the use of a crane on-site (boom truck, mobile crane, tower crane, etc) are required to submit evidence of current licenses and certifications of the crane and operator which validate both are within Washington State guidelines of safe operation.

1.3 CONSTRUCTION MANAGER'S RIGHT TO SUSPEND CONTRACTOR PERSONNEL

- A. The Construction Manager shall, upon witnessing an unsafe act, issue a written warning/dismissal notice to the offending employee, contact that employee's supervisory person and advise them of the incident, and send a copy of the warning / dismissal notice to the contractor's main office. If the employee receives a second unsafe act offense, employee shall be suspended from the project site for two (2) working days without pay. If the employee receives a third unsafe act offense, employee shall be dismissed from the project site and not allowed employment on the site again. An employee shall also be dismissed from the project site if found to have in their possession either alcohol or a non-prescription related drug while on the project site or found to be in violation of contractor's safety policies or procedures.
- B. Contractor shall not allow any employee to work on a school site where that employee may have contact with children, if that employee has plead guilty to or been convicted of any felony crime specified under RCW 28A.400.322, as now existing or hereafter amended. Trade Contractor shall provide written documentation stating that proper background checks have been performed and that all employees are in compliance with RCW requirements. Failure to comply with this section shall be grounds for immediate termination of the contract.

ALL REQUIREMENTS OF THIS SECTION SHALL BE IMPLEMENTED FOR THE SAFETY OF EMPLOYEES AND THE SUCCESS OF THE PROJECT.

END OF SECTION 00 2217

SECTION 00 2410 – GENERAL SCOPE OF WORK

PART 1 - GENERAL

1.1 SUMMARY

- A. In addition to the remainder of the contract documents, this section includes a description of the scope of work that applies to all bid packages. Should there be a discrepancy and/or conflict between this section and the contract documents, this section in complement to the specific scope of work shall take precedence.
- B. The Division 00 Bidding Requirements, Specifications and Drawings, along with any addenda issued during the bid period, make up a complete set of Bidding Documents. Bidders shall familiarize themselves with all of this information, as it will become the Contract Documents at the time of Award.

PART 2 - PRODUCTS

2.1 GENERAL ITEMS

- A. **PERFORMANCE & PAYMENT BOND:** For Bid Packages in excess \$300,000 a performance and payment bond, naming the GC/CM as Obligee, in the amount of 100% of the Bid Package contract value (including sales tax), will be required from the Trade Contractor. The cost of this bond is to be included in the Base Bid for this work. An A. M. Best Rated Surety Company must issue this bond, and it must be issued on the Forms included in Spec. Section 005213. The Bond shall be forwarded to the GC/CM within 10 calendar days of receiving award.
- B. **SITE INVESTIGATION:** Bidder acknowledges that he has reviewed and understands the geotechnical reports and site assessments referenced in the document list. Bidder also acknowledges he has visited the site and familiarized himself with the general physical constraints of the site and adjacent areas. Bidder also acknowledges he has reviewed and understands the project phasing and schedule.
- C. **STAFFING:** Project Staffing shall include all Executives, Project Managers, Superintendents, Non-Working Foreman, Project Engineers and other support and/or technical staff needed for a job of this size and complexity and includes management of specific items noted herein and elsewhere in the Contract Documents: This includes, but is not limited to (1) safety program implementation and management; (2) document review and coordination; (3) submittal process; (4) prevailing wage requirements; (5) WSSP administrative processes; (6) meeting attendance; (7) change management; (8) monthly billing process, including all lien waivers and other requirements in 005213 – Form of Contract; and (9) closeout processes (punchlist, as-builts, warranty, etc..).
- D. **PERMITS:** The Owner will pay for the General Building Permit and for the Street Improvement Permit. The applicable Trade Contractors will be reimbursed at cost for the

Mechanical Permit and Electrical Permit. The Owner will also pay utility purveyor development fees and water meter fees. Each Trade Contractor will be responsible for obtaining and paying for all other permits, licenses and fees necessary to complete the work of their Bid Package.

- E. **ALLOWANCES:** Selected Bid Packages have stipulated Allowances which are to be included within Bidder's Base Bid amount, including markup. Allowances are to be used at exclusive discretion and direction of the GC/CM for added scope not already within the Bid Package but determined by the GC/CM to be appropriately performed by the Trade Contractor. Any amounts not used upon final contract completion will be deducted via Change Order from the Trade Contractor's contract. Allowance work shall be performed at agreed upon lump sum or unit costs, or in the absence thereof, at Trade Contractor's (or sub-tier subcontractor, if appropriate) actual cost for materials, labor with associated burden and taxes, and equipment at 100% AED rates (such rates shall include all fuel and maintenance costs, no additional cost for these items will be considered). No additional administration costs, markups or fee for Trade Contractor or sub-tier subcontractor(s) will be allowed on allowance expenditures.
- F. **PHASING REQUIREMENTS:** The Project will be performed on a fully occupied and operational high school campus and therefore must follow a strict phase sequence that has been planned and is communicated in these documents. Reference Section 003113 for an overall description of phasing areas and associated dates. Bidders shall allow for the phasing sequence, durations, necessary manpower, equipment and work hours in their bids to achieve the required schedule and phasing.
- G. **OCCUPIED HIGH SCHOOL CAMPUS:** The full scope of the Inglemoor High School Concert Hall + Music Building Project occurs within a fully operating school and district admin campus. The Inglemoor High School Campus will remain in continuous and normal operation during the full construction period. As such, the 'Work' shall be performed in a manner that allows for full use and occupancy and minimizes disruption to the existing facilities and educational experience of the students and teachers when school is in session. Bidders shall allow for this in their bids.
- H. **STUDENT ARRIVAL/DISMISSAL:** The designated Student Drop-off, Bus Lane and Bus Drop-off area(s) must remain open and unobstructed for school buses and students from 7:00 to 8:00 AM and 2:00 to 3:00 PM Monday through Friday during the school calendar year when school is in session. Extreme caution and care must be taken by drivers to avoid pedestrians. No deliveries are allowed at either entrance during the time frames listed. On-site student traffic and bus traffic is very congested during these time frames and must be given priority.
- I. **MAINTENANCE OF STUDENT ACCESS & PATHWAYS:** ADA access/egress to and from occupied buildings and parking lots must be maintained at all times for students/faculty. These requirements are depicted on the drawings. This requirement is a life safety and occupancy requirement that will be routinely inspected by the Fire Department and Building Official. All Trade Contractors shall make provisions to accommodate this requirement in their bids and shall execute the Work in adherence with this requirement. Note to Bidders: Pay special attention to this requirement as it pertains to the existing academic building and portables to remain open during construction. These areas require student/faculty access/egress through construction

zones which will complicate work activities and schedules in these areas and may require 'out-of sequence' work.

- J. **UTILITY SHUT DOWNS & INTERRUPTIONS:** All shutdowns must be scheduled with the GC/CM, surrounding neighborhoods and appropriate utility companies a minimum of 5 days in advance (or longer if required by utility company). Trade Contractor shall anticipate that any shutdown which effects temporary services shall be performed outside of normal working hours. In the event that a Trade Contractor's work causes or contributes to an unscheduled outage, the Trade Contractor is responsible for immediate corrections.
- K. **MOBILIZATIONS/DEMOBILIZATIONS:** Trade Contractor includes multiple mobilizations/demobilizations as needed to support the overall project schedule. See section 00 31 13 – Construction Schedule for schedule information.
- L. **LOCATES:** Known existing utilities are shown in the Contract Documents. Each Trade Contractor is responsible to perform locates (public & private) prior to digging activities. Where new work is shown to attach to an existing utility, the Trade Contractor shall pot-hole in order to locate the utility P.O.C. prior to running the new line. Each Trade Contractor shall take reasonable precautions to minimize the impact of damage to unknown and unidentified utilities and shall alert GC/CM if encountered.
- M. **PROTECTION:** Each Trade Contractor is responsible for protecting existing property and improvements adjacent to the work area effected by its work and/or activities. Each Trade Contractor shall be responsible for all costs associated with repairing any damages caused by their work. Each Trade Contractor acknowledges that there are significant areas of exposed slab in the finish condition of the building. Provide all necessary means to eliminate staining of the slabs due to Trade Contractors Work (rust stains, oil stains, etc).
- N. **NORMAL PROJECT SHIFT START TIME:** The standard project shift will start at 7:00 AM, Monday through Friday.
- O. **FIELD MEASUREMENTS:** Each Trade Contractor shall be responsible for taking field measurements necessary to coordinate work with other trades. Field measurements shall be taken in a timely manner in order to not delay the project.
- P. **PENETRATIONS:** Each Trade Contractor shall be responsible to patch, repair, seal and/or firestop/smoke seal/acoustic seal all penetrations made by their work. Trade Contractors shall provide all layout for its penetrations.
- Q. **BACKING & SUPPORTS:** Each Trade Contractor shall design, engineer, furnish layout, and install all backing, seismic supports, seismic bracing, anchors and miscellaneous metal supports required to install their work, unless specifically excluded in section 00 24 13 – Bid Package Specific Scope of Work.
- R. **CORE DRILLING/SAWCUTTING:** Trade Contractor shall provide all saw cutting and core drilling required for execution of its work.

- S. SLEEVING: Trade Contractor shall furnish, layout and install sleeving and blockouts required for its work unless specifically excluded in section 00 24 13 – Specific Scope of Work.
- T. DEWATERING: Each Trade Contractor shall be responsible for casual dewatering necessary to perform their work including removal of rainwater on floors, trenches, footings, etc.
- U. PAY APPLICATION PROCESS: The billing procedures outlined in Exhibit D of section 005213 – Form of Contract will be strictly enforced. Trade Contractor acknowledges that it has read and understands these requirements. These requirements are in addition to those required in Section 01 of the project specifications.
- V. TRADE UNIONS: Trade Contractor recognizes Cornerstone has agreements with the following Unions; Pacific Northwest Regional Council of Carpenters. In accordance with RCW 39.10.380 Subcontractor Bidding Procedure, Trade Contractors shall be obligated and bound to such agreements. Should any of Trade Contractor work (including work of lower tier subcontractors) be claimed by those Unions, Subcontractor will enter into an agreement with those Unions.
- W. SUBSTANTIAL/FINAL COMPLETION DATES: Trade Contractor acknowledges that dates for Substantial Completion and Final Completion for their work is tied to the overall project Substantial and Final Completion dates.
- X. WARRANTIES: In addition to special warranties required in Trade Contractors Specification Sections, Trade Contractor shall provide a minimum 12 month warranty in compliance with section 01 of the project specifications.
- Y. SAFETY: Bidder acknowledges section 00 2217 Safety including coronavirus prevention practices consistent with DOSH Directive 1.70.

2.2 TEMPORARY FACILITIES & SERVICES

- A. SCOPE OF TEMPORARY MEASURES: Section 01 of the projection specifications includes a detailed description for the various temporary measures that may be required during the course of construction. Any temporary measures required by Trade Contractor to perform its work, but not specifically included herein or elsewhere in the Contract Documents to be by others shall be provided by Trade Contractor.
- B. CHEMICAL TOILET FACILITIES: Adequate chemical toilet facilities shall be furnished, handled, moved and maintained, per WISHA standards, by the GC/CM for the joint use by all Trades.
- C. SITE SECURITY: Perimeter site fence and gates will be installed by the GC/CM. Modifications of the perimeter fence and subsequent restoration shall be by the applicable Trade Contractor. A security service is not being provided on the Project. Trade Contractors who require security services shall provide this at their own expense.
- D. DUMPSTERS: Waste and Recycling Dumpsters will be provided by the GC/CM. This project will have a waste recycling program in place to meet project WSSP goals. Each

Trade Contractor is responsible for sorting and placing its own rubbish into the proper dumpsters (this includes transporting debris from “tipplers” or similar to the dumpsters). The GC/CM provided dumpsters may not be used for debris generated from demolition, utility removal, site clearing, roofing, masonry and concrete activities. That debris shall be properly disposed of by the applicable Trade Contractor in accordance with project WSSP requirements for sorting, disposal and documentation of waste stream materials.

- E. **CONSTRUCTION WATER:** Temporary construction water will be available for joint use by all Building Trade Contractors via fire hydrant meter from the nearest active fire hydrant location. Trade Contractors are responsible to provide any needed distribution from the hydrant meter locations to suit their specific needs. See 002413 – Bid Package Specific Scope of Work for additional scope for certain Bid Packages.
- F. **DRINKING WATER:** Trade Contractor shall provide separate drinking water for their personnel.
- G. **TEMPORARY POWER:** The GC/CM and ECCM Trade Contractor is responsible to install and maintain the Project's temporary power throughout construction areas as described below: The GC/CM will supply the necessary PDU's, spider boxes and power cord between spider boxes. Within the building, Spider boxes will be located approximately every 100 feet o.c. at each floor and 1 in each Mechanical Roof area. Any damage to the GC/CM's equipment will be the responsibility of the party who caused the damage. Any Trade Contractor's tools and equipment that requires special connections to the temporary power are the responsibility of the Trade Contractor requiring such. Temporary power capacity is limited and priority for its use will be given to general project needs such as general lighting and temporary power distribution for hand tools. Trade Contractors shall provide all extension cords needed to support its work and shall roll up and inspect its cords on a bi-weekly basis. Any damaged or other deficient cords shall be repaired or removed from the project site. Trade Contractors shall not impede installation or remove temporary power systems.
- H. **TEMPORARY LIGHTING:** The GC/CM and ECCM Trade Contractor is responsible to install, maintain and eventually remove the Project's temporary lighting in new construction areas. The GC/CM will supply temp light strings and bulbs in sufficient quantity for temporary lighting to at a minimum cover all corridors and stairwells. This lighting shall be maintained and adjusted during the course of construction and throughout the different stages of construction. Temporary lighting needed in advance of this stage is considered task lighting by the applicable Trade Contractors. Task lighting is the responsibility of each Trade Contractor for his own work. Trade Contractors shall not impede installation or remove temporary lighting.
- I. **FIELD OFFICES:** Each Trade Contractor requiring site offices shall provide its own field office, connection to the GCCM's electrical service, utilities, telephone, fax machine, etc. for its own use. On-site space for Trade Contractor field offices is restricted but will be made available for primary Trade Contractors. Primary Trade Contractors shall anticipate moving their trailer on two separate occasions through the course of construction to accommodate ongoing site construction activities.
- J. **TEMPORARY EDGE/OPENING PROTECTION & GUARDRAILS:** Perimeter safety cable rails, leading edge and protection of openings greater than 24" square, in conformance with WISHA regulations, shall be provided by the Structures (BP-03.1)

Trade Contractor and removed by the Framing and Drywall (BP-09.1) Trade Contractor. Roofs will not have rails. Trade Contractors whose work is contained in openings are required to protect those openings in conformance with WISHA regulations. Trade Contractors shall not use cable railings for fall protection. Fall protection equipment shall be furnished and installed in accordance with manufacturers requirements back to main building structural elements by each Trade Contractor.

- K. VERTICAL ACCESS: The GCCM will provide stair and/or ladder access to second floor and main roof areas upon completion of concrete slab on metal deck activities for each building.
- L. TEMPORARY BUILDING HEATING: Temporary 'general' building heat will be provided by the GC/CM once the building is adequately dried-in and enclosed. Temporary heat will be provided in order to promote the general progress of building finishes such as drywall, paint and floor finishes. See 002413 – Specific Scope of Work for additional scope for certain Bid Packages. Trade Contractors shall reinstall temporary heat measures removed during the course of performing their work.
- M. PROJECT SIGNS: Trade Contractor or Subcontractor signs will not be allowed to be erected on the project site.

2.3 MEETINGS & COORDINATION

- A. ELECTRONIC DOCUMENTATION: This project will utilize an online depository for all project documentation. Trade Contractor shall provide all project information in PDF format. This includes, but is not limited to, RFI's, submittals (product data, shop drawings, etc...), billings and associated backup, change order requests; meeting minutes, closeout documentation (as-builts, O&M, etc...) and other project information. Trade contractor is required to submit items electronically as directed and set up by the GCCM.
- B. INSPECTION COORDINATION: Trade Contractor is required to coordinate with Owner's Special Inspection Agency for all required special inspections under their bid package. Trade Contractor is also responsible to coordinate all inspections required with appropriate authorities having jurisdiction for work under their bid package.
- C. TRADE CONTRACTOR COORDINATION: Each Trade Contractor shall conduct his work in full coordination and cooperation with all other Trade Contractors in order to achieve the required project schedule dates and properly mesh each other's Work. Bidders understand that multiple activities by multiple Trade Contractors will occur simultaneously and consecutively within common work areas. All activities shall be coordinated to achieve the best and most workable process possible in order to prosecute the 'Work'. See 002413 – Specific Scope of Work for additional scope for certain bid packages.
- D. BIM COORDINATION: This project will be utilizing Building Information Modeling (BIM) as a collaborative tool for planning, design, estimating, coordination, construction and post occupancy facility management. Trade Contractor is required to be fully adept in this technology for use on project. Trade Contractor to provide BIM coordination and detailing services for the Project with integration into the Project 3D Model as follows:

1. Trade Contractor shall use AutoCAD, Revit and/or Navisworks compatible software to deliver 3-dimensional coordination between their work and the work of other trades.
2. Trade Contractor shall provide the appropriate personnel to participate in weekly coordination meetings through completion of the MEP coordination effort. Trade Contractor BIM model shall be updated on weekly basis and uploaded to project website prior to weekly coordination meetings until project is fully coordinated.
3. Trade Contractor shall develop and implement detailed 3D model(s) for their respective scope(s) of work defined herein.
 - a. BP-03.1 Required Modeling: Cast-in-place concrete model shall include all building footings, footing shadows, concrete walls, curbs, slabs on grade, thickened slabs, slabs on metal deck, slab openings, mechanical penetrations, concrete stairs, ramps, etc..

Structural Steel model is to include all steel provided under this bid package including but not limited to beams, columns, gussets, connections, braces, fall arrest / fall protection, metal stairs, lintel angles, bent plates, beam/joist embeds, guardrails, railings, gratings, metal ladders, steel frames, etc. Also, and in addition, BP-03.1 is also required to model the following: Steel Joists including joist spacing, elevation, slope, joist depth, chord widths, seat heights, general joist geometry and bridging.
 - b. BP-21.1 Required Modeling: All fire sprinkler piping, hangers, seismic bracing, riser, drops, heads, etc. shall be fully modeled and coordinated with the work of other trades and spacial restrictions. Fully coordinated shop drawings and 3D model shall be submitted for review by the design team.
 - c. BP-22.1 Required Modeling: All piping (including underground piping), equipment, insulation, ductwork, penetrations, devices, access panels, vaults, grease interceptor, and concrete equipment pads shall be fully modeled and coordinated with the work of other trades and spacial restrictions. Fully coordinated shop drawings and 3D model shall be submitted for review by the design team.
 - d. ECCM Required Modeling: All underground feeders, conduit 2" and greater, large grouping of smaller diameter conduits, any other conduit that is critical to the coordination with other trades, cable tray, equipment, switchgear, devices, lighting fixtures, access panels, vaults, and concrete equipment pads shall be modeled and coordinated with the work of other trades and spacial restrictions. Fully coordinated shop drawings and 3D model shall be submitted for review by the design team.
 - e. Each Trade Contractor shall provide preliminary clash detection between its work and the work of other trades to minimize conflicts in the consolidated model assembled by the MCCM.
4. BP-22.1 shall take the lead position in the MEP Coordination effort including hosting coordination meetings (either in person or on-line), establishing and documenting trade zoning, providing FTP or other method for deposit of electronic media from MEP coordination participants, assembling electronic media from all other trades, running clash detection reports and preparing meeting minutes and issue resolution logs.
5. The GCCM will provide an oversight role in the MEP coordination process. This includes attendance at coordination meetings, developing a schedule of deliverables, assuring accountability of all trade contractors to complete their work

- to support established dates and facilitating input from design team (when needed).
6. Provide separate underground and penetration drawings to support the project schedule. This includes dimensional information for penetrations through structural elements (e.g. CMU, steel, concrete, etc.) needed early to support structure fabrication and concrete foundations activities.
 7. Provide early detailing information (dimensioned drawings) for coordination with steel and joist fabricator such as equipment sizes, attachments and loading information and other attachments/hangers at steel joists locations.
- E. **DOCUMENT REVIEW:** Trade Contractor's shall anticipate time in their planning and execution for normal document review and coordination between their work and other work elements. This includes time for the GC/CM and Design team to respond to questions that may come up through this process. When questions do arise, Trade Contractors shall submit written questions with specific information regarding conflicts or clarifications.
1. When possible, Trade Contractor shall provide suggestions that result in no changes to cost and/or time elements of the project.
 2. Architect will reply to questions within 7 calendar days.
- F. **MEETINGS:** Trade Contractor shall attend meetings as requested by the GC/CM to support coordination and proper execution of the work. Trade Contractor's representative at these meeting shall be authorized to make decisions relevant to the topics beings discussed in the meeting. These meetings include weekly Trade Contractor coordination meetings, weekly MEP system coordination meetings, periodic cost proposal meetings, monthly billing review meetings, schedule review meetings, weekly safety meetings, meetings with local jurisdictional authorities, periodic quality assurance meetings, commissioning meetings, project closeout meetings; and other meetings necessary to properly execute the work.
- G. **SUBMITTALS:** Trade Contractor shall provide required submittals not less than 42 calendar days (or earlier to support procurement activities) prior to commencement of work at the project site. Trade Contractor shall anticipate calendar days for design team reviews. Submittals shall be provided in complete packages and be clearly marked with the relevant specification section and associated paragraph reference for each item submitted. All deviations must be clearly noted and accompanied by a properly completed and signed substitution request. Note, submittals are only reviewed for general conformance to the contract documents. This does not relieve Trade Contractor or Supplier from full compliance with the contract documents and scope of work.
- H. **SURVEY & LAYOUT REQUIREMENTS:** The GC/CM will provide the following initial survey: 4 corners for each building, 1 datum bench mark for each building, 4 grid offset control lines in both the North/South and East/West directions located on every floor of the structure for each building. Any re-survey of GC/CM provided points required due to Trade Contractor's negligence will be the responsibility of the negligent party. Additional survey requirements by Trade Contractors beyond provisions from GC/CM shall be the responsibility of each Trade Contractor for the work in their own Bid Package. See 002413 – Specific Scope of Work for additional scope for certain bid packages.

2.4 SITE LOGISTICS & DELIVERIES

- A. **NOISE & HAUL ROUTES:** Each Trade Contractor shall comply with work hour, noise and haul route restrictions required by the Authorities Having Jurisdiction.
- B. **DELIVERIES:** Trade Contractor shall provide 5 days' notice of major material deliveries and be onsite to receive all deliveries unless otherwise coordinated with GC/CM Superintendent. Trade Contractor acknowledges that this project is in an active high school campus and that there is major congestion for deliveries between the hours of 7AM-9AM and 2PM-3PM.
- C. **STAGING & LAYDOWN:** Staging, laydown and stockpile space is limited and will be used at the direction and discretion of the GC/CM's Superintendent based on the Project's overall priorities and needs. Storage of materials out of sequence or in excess of what needed to support ongoing work activities is prohibited. Each Trade Contractor shall coordinate deliveries to occur on an 'as needed' or 'just-in-time' basis for their work. Deliveries must be scheduled in advance with the GC/CM's superintendent. Off-site storage costs, if applicable, must be borne by the bidder of each Bid Package. Reference 'IHSCH Logistics Plan - Section 002410 – Exhibit A' at the end of this section for overall site logistics information for the project.
- D. **TRAFFIC CONTROL:** Each Trade Contractor is responsible to provide traffic control for their Work. Certified flaggers shall be used whenever the Work occurs within public and/or occupied areas of the streets and roads. In addition, Trade Contractors shall provide 'spotters' for any construction vehicle backing up outside of the construction fences. Delivery vehicles shall not be allowed to stage in public areas while waiting for unload. Work within public right of way will require a certified traffic control plan with approval by the City of Seattle.
- E. **HOISTING:** All Trade Contractors shall provide their own hoisting. The GC/CM will maintain an 8,000# reach forklift on-site. Use of GC/CM's forklift must be scheduled in advance and have permission of GC/CM Superintendent. The GC/CM will have discretion to determine priority for its use. In addition, Trade Contractors must provide properly trained and certified personnel to operate the GC/CM forklift and must provide a copy of the certification for the GC/CM to have on file. Those Trade Contractors who will require heavy and/or dedicated use of a forklift or a higher capacity forklift shall provide their own. The intent of the GC/CM supplied forklift is for unloading material from delivery vehicles and stocking materials to lay-down areas on-site or into the buildings. See 002413 – Specific Scope of Work (By Bid Package) for additional scope for certain Bid Packages. Trade Contractor is responsible for all damage or incidental damages resulting for their equipment usage.
- F. **PARKING:** ALL Trade Contractors supervisors and employees are required to park in the Project's designated parking area located on the project site. No residential street parking is allowed.
 - 1. Due to the close proximity of residential homes to the project site, idling vehicles, loitering around vehicles (especially in the morning) and loud music or conversation are strictly prohibited.
 - 2. Garbage must be picked up and disposed of properly.
 - 3. Fluids leaking from any vehicles are prohibited and must be properly cleaned up immediately.

- G. **HOUSEKEEPING REQUIRMENTS:** Housekeeping will be strictly enforced to ensure the construction areas, site, grounds, streets and property are maintained free of accumulation of dirt, waste materials rubbish and debris. Each Trade Contractor shall clean-up all such materials generated by their operations at such frequency as required to maintain a clean and orderly site, but not less than daily. Each Trade Contractor shall provide their own trash boxes, cans, brooms, etc and transport their debris to the Project's main dumpsters. Should any Trade Contractor fail to comply with these housekeeping requirements, the GC/CM will in the most expeditious manner available perform these tasks on behalf of the negligent party and the cost thereof shall be charged back to the responsible Trade Contractor. Note, only water will be allowed inside the building. All food and other beverages shall be limited to trailer and/or designated eating areas.
- H. **COMPOSITE CLEANUP REQUIREMENTS:** All Trade Contractors shall participate in a weekly cleanup for general material accumulation of debris not specific to any one company or trade but specific to the composite of all companies and trades. Trade Contractors shall provide 1 worker for each 10 workers on their daily average work crews. Trade Contractors with crews of less than 10 workers shall provide a minimum of 1 worker. Weekly composite cleanup will occur on Fridays and shall be a minimum of 4 hours in duration, however longer durations may be required to accomplish cleaning requirements.
- I. **TOOL/MATERIAL STORAGE:** All materials, tools equipment, etc. in buildings to be stored on wheels unless coordinated otherwise with GC/CM.
- J. **STREET CLEANING:** Each Trade Contractor shall keep the paved roads on and off site clean of debris resulting from their construction activities and deliveries.

END OF SECTION 00 2410

SECTION 00 2413 – SPECIFIC SCOPE OF WORK (BY BID PACKAGE)

PART 1 - SUMMARY

1.1 The following pages enumerate the Specific Scope of Work for each bid package. Trade Contractors are responsible for providing all supervision, labor, materials, tools, transportation, equipment, scaffolding, hoisting, and other appurtenances necessary for completion of the Work as is described below and as may be additionally provided in the Contract Documents.

A. This section includes the specific scope of work for the bid packages noted below:

B.

BP #	Bid Package Description	Section Ref
BP-03.1	BUILDING CONCRETE	2.1
BP-05.1	STEEL FABRICATION/ERECTION	2.2
BP-06.1	CASEWORK & FINISH CARPENTRY	2.3
BP-07.1	METAL PANELS, SHEET METAL & FLASHINGS	2.4
BP-07.2	ROOFING	2.5
BP-08.1	ALUMINUM WINDOW SYSTEMS & GLAZING	2.6
BP-08.2	OPENINGS	2.7
BP-09.1	FRAMING & GWB	2.8
BP-09.2	ACOUSTICAL CEILINGS & TREATMENTS	2.9
BP-09.3	CARPET & RESILIENT	2.10
BP-09.4	TILING	2.11
BP-09.5	PAINTING, COATINGS & SEALANTS	2.12
BP-10.1	CONSTRUCTION SPECIALTIES	2.13
BP-14.1	ELEVATORS	2.14
BP-21.1	FIRE SPRINKLERS	2.15
BP-22.1	MECHANICAL	2.16
BP-31.1	SITE DEVELOPMENT	2.17
BP-32.1	LANDSCAPE & IRRIGATION	2.18

C. NOTE TO PROSPECTIVE BIDDERS: Bidders may submit separate and/or combined bids for bid packages BP-03.1 and BP-05.1. In order to submit a combined bid, bidders must identify this on the first line of the Bid Form by writing in all Bid Package title numbers (BP-03.1 & BP-05.1) for which their base bid includes. Combined bids and separate bids may be submitted on separate bid forms within the same envelope or email and covered by the same Bid Bond, or separate envelopes and separate bid bonds at the bidder's discretion. Award will be made based on the lowest total of individual or combined bids.

1.2 DEFINITIONS

- A. "Complete" means furnished, installed and performed as necessary to complete the work required by the contract documents and all related references. No exclusions, unless specifically listed as an exclusion to the bid package scope work.
- B. "As Applicable" means that a portion of the specification section referenced applies to the bid package scope of work as defined in the inclusions and exclusions within each bid package.
- C. "Provide" means furnished and installed, all labor, material, equipment, hoisting, supervision, and incidentals to furnish and install the work complete.
- D. "BP" means Bid Package
- E. "BP-XX" is an abbreviation for and means the responsible Bid Package Trade Contractor for Bid Package number being referenced.

1.3 Where a conflict exists between Specification Section 002413 and other Specification Sections and/or Drawings, Specification Section 002413 shall take precedence.

1.4 Included for additional clarification at the end of this section is 'IHSCH Bid Package Plan Specification Matrix – Section 002413 – Exhibit A'.

1.5 Trade Contractor shall refer to the Contract Documents as a whole and as they apply to the specific scope work. This includes Section 002410 – General Scope of Work for those items that apply to all bid packages.

1.6 Inclusions noted in other bid packages not performed by Trade Contractor shall not be interpreted for exclusions within Trade Contractor's bid package.

PART 2 - BID PACKAGE SPECIFIC SCOPE OF WORK

2.1 BID PACKAGE BP-03.1 – BUILDING CONCRETE

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
03 30 00	Cast-In-Place Concrete	Complete
03 45 00	Precast Architectural Concrete	Complete
07 11 13	Bituminous Dampproofing	Complete
07 17 00	Bentonite Waterproofing	Complete
07 21 00	Thermal Insulation	As Applies to this Scope of Work

- B. Highlighted Inclusions:

1. This bid package includes all Cast-in-Place Concrete Work for the Project Complete including but not limited to footings, walls, slabs, slabs on deck, pan filled stairs, interior CIP stairs, equipment pads, equipment curbs, site seat walls, site cheek walls, site CIP retaining walls, reinforcing, signage element foundations, etc.
2. This Bid Package includes the complete Supply and Installation of Precast Concrete components.
3. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
4. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
5. Trade Contractor acknowledges this project is being constructed on a fully occupied public school campus. In addition, portions of the Work are being executed adjacent to and within occupied buildings. Therefore, as-is typical to renovations within occupied zones, there are necessary precautions required to perform work under these conditions in order to ensure the safety, health and operations of the occupants. These include but are not limited to: noise control, dust control, shift work, temporary barriers, continuity of systems, signage, shoring, bracing, etc.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Minimum Staffing Requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, non-working with tools, Superintendent who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM.

8. Trade Contractor to provide BIM coordination and detailing services for the Project with integration into the Project 3D Model as stipulated in Section 002410 – General Scope of Work.
9. The sequence of all Work shall be coordinated and integrated amongst all Trade Contractors in order to meet the overall dates listed in the Schedule. This will require full cooperation and coordination from multiple Trade Contractors involved in the Work. In General, the Work shall be executed in order to achieve the most expeditious installation sequence with priority for safety, quality and production.
10. Allow access and sufficient/reasonable time for others for installation of their Work that is integral with this Trade Contractor's Work.
11. Provide all survey/staking/layout for the Work of this package. GC/CM will provide a master datum point on-site, four grid lines at grade level per building and one elevation benchmark on-site. All other survey/staking/layout is by this Trade Contractor, including layout for footing excavations.
12. Provide temporary safety rails around all foundation excavations, ground level openings, stairs and at elevated slabs in compliance with WISHA. Provide toe boards and covering/protection of all slab penetrations and diamonds. Removal of temporary rails and protection to be coordinated with work of other trades and removed in time to not impede safe progress. Provide temporary wood handrail and pan tread infill and protection compliant with WISHA at all metal stairs for trade usage during construction. Remove temp railing and tread infill and protection at a time nearing project completion. Stairs shall be made available to trades' immediately following erection of the stairs.
13. Provide coordination of all penetrations, sleeves and block outs with all Trade Contractors and all documents.
14. Provide all unloading, handling, hoisting and access for the Work of this bid package complete. NOTE: The GC/CM's forklift is not available for use by this Trade Contractor.
15. Trade Contractor shall include a \$20,000 allowance in its base bid as a Force Account allowance. Reference Section 002410-2.1.E.
16. CAST IN PLACE CONCRETE SCOPE:
 1. Provide all Building cast-in-place concrete Work for the Project complete including foundations, walls, slabs, slabs on deck, pan filled stairs, equipment pads, curbs, pour back at steel columns, etc.... This includes concrete work shown on the architectural drawings (e.g. pan filled stairs, CIP stairs, etc...).
 2. Provide all Site cast-in-place concrete retaining & seat wall Work for the Project Complete. This includes Work on the A, S, C, and L drawings sheets
 3. Provide all equipment housekeeping pads/bases/curbs. Equipment housekeeping pads/bases/curbs which are indicated on any of the following drawing sheets: A, S, M & E are included. Coordinate exact sizes and locations of equipment related concrete with the appropriate Trade Contractor who is providing that equipment.
 4. Provide damproofing and bentonite waterproofing including drain board, protection board and other specified accessories.
 5. Provide vapor barrier including taping/sealing of lap joints and penetrations. This includes all penetrations for work of other trades.
 6. This Trade Contractor shall inspect and accept the elevation and condition of all sub-grade prior to starting work. Commencement of work shall communicate acceptance of sub-grade.

7. Provide rigid insulation at all below grade conditions including below SOG and rigid insulation required around steel members at SOMD.
8. Provide all reinforcing steel, slip dowels and mesh integral with cast-in-place concrete work of this package.
9. Installation of all steel embeds, anchor bolts and inserts which cast into concrete, including coordinating this work with approved shop drawings from other trades. Bid Package BP-05.1 Trade Contractor will supply embeds for structural steel and anchor bolts for structural steel. Supply of all other materials that embed into concrete shall be provided by BP-03.1 Trade Contractor.
10. Columns anchor bolt templates supplied by BP-05.1 bid package are for this Trade Contractor's use only for column locations that bear on-top of footings and walls. After use, this Trade Contractor shall strip and remove templates, and provide clean, plumb, chased and undamaged threads with nuts replaced at top of all anchor bolts prior to turn-over to steel erection. Includes coordination with approved Shop Drawings for all placement locations. Provide grid layout for column bases after stripping of forms and templates. Leveling nuts are included.
11. Provide non-shrink grout below all column bases after installation of columns and prior to placement of SOMD.
12. Provide all hot and cold weather methods for concrete placing and curing as per ACI, including heating and tenting below placement when and where necessary.
13. Provide coordination of all penetrations, sleeves and block outs with all Trade Contractors and all documents.
14. Provide legal concrete truck and pump truck wash-out including eco-pans and off-site disposal.
15. Provide mag trowel finish at tops of footings at anchor bolt locations to correct grade.
16. Hard trowel finish on top of all cast-in-place walls.
17. Blow off/clear slab-on-metal decks prior to concrete placement.
18. Provide coordination of slab finish, curing requirements, and flatness/levelness for each scheduled floor finish. In addition, this Trade Contractor shall coordinate with the Polished Floor contractor and the Flooring Trade Contractor to ensure their methods and products are fully compatible.
19. Trade contractor acknowledges that slab on grade (SOG) can be placed before or after structural steel erection at the sole discretion of the GC/CM.
20. Provide, within 24 hours of all placements, a quality control check / as-built for embed locations and slab elevation deviation from plan in a 10ft x 10ft grid. As-builts shall be submitted to GC/CM for record purposes. Owner's inspection agency will perform FF and FL testing in areas requiring specific tolerances (e.g. wood floor areas) and/or areas subject to higher levels of public use.
21. Provide broom swept work areas upon completion of the Work, including removal of concrete splatter.
22. Remove unfinished concrete around slab penetrations (conduits, steel, etc...)
23. Provide flaggers/spotters on-site for large placements to maintain organization of trucks and safety of personnel on the ground.

24. Includes sealed concrete floors, complete, including joint treatments per manufacturer and project specifications. Seal floors as soon as concrete has met the manufacturers curing requirements.
 25. Provide dewatering of open footing excavations resulting from surface water run-off. Water shall be pumped to temporary detention measures provided by BP31.1 Trade Contractor.
17. PRECAST CONCRETE SCOPE
1. Provide all required submittals, certificates, samples, shop drawings, and warranties. Supplier shall provide field use coordination drawings, including piece marks for all treads, prior to delivery.
 2. Stamped and signed engineering calculations. (Engineering includes \$1,000,000 Errors and Omissions Insurance. Additional coverage or tails available at additional costs.)
 3. Coordinate sequence of deliveries with Cornerstone to arrive on or before needed date.
 4. Provide a bill of lading with the delivery date, description, quantities, and piece marks.
 5. Load trucks in a manner that can be unloaded by a forklift.
 6. Precast stair treads to include embed plates to accept welded connection by others.
 7. Provide matching filler compound for patching of installation/erection inserts, as applicable.
 8. Supplier to provide field measurements.
 9. Two piece mock up treads for a standard stair and for the concert hall seating areas (4 total pieces).
 10. Trade Contractor acknowledges erection of precast may occur before or after complete steel erection, slab on metal deck placement and/or roof construction. As such Trade Contractor to provide means and methods for precast erection in fully enclosed building.

C. Exclusions:

1. Site related concrete as follows: concrete curb, gutter, sidewalk, mow strips, cheek walls and stairs.
2. Fence post foundation, flagpole, bollard and other site improvement concrete.
3. Light pole bases.

2.2 BID PACKAGE BP-05.1 – STEEL FABRICATION/ERECTION

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
05 12 00	Structural Steel Framing	Complete
05 12 13	Architecturally Exposed Structural Steel Framing	Complete
05 21 00	Steel Joist Framing	Complete
05 31 00	Steel Decking	Complete
05 50 00	Metal Fabrications	Complete
05 51 00	Metal Stairs	Complete
05 52 13	Pipe and Tube Railings	Complete

B. Highlighted Inclusions:

1. This Bid Package includes the complete Supply and Installation of Steel Fabrications, Steel Joists, Steel Decking for the Project, including but not limited to: structural steel, steel joists, steel decking, AESS steel and miscellaneous steel.
2. This Bid Package includes the complete Supply and Installation of the Fall Protection scope of work for the Project.
3. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
4. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
5. Trade Contractor acknowledges this project is being constructed on a fully occupied public school campus. In addition, portions of the Work are being executed adjacent to and within occupied buildings. Therefore, as-is typical to renovations within occupied zones, there are necessary precautions required to perform work under these conditions in order to ensure the safety, health and operations of the occupants. These include but are not limited to: noise control, dust control, shift work, temporary barriers, continuity of systems, signage, shoring, bracing, etc.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Minimum Staffing Requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, non-working with tools, Superintendent who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. In addition, during periods of on-site activity, this Trade Contractor shall have a full-time on-site, non-working with tools, Project

- Engineer with primary responsibility of managing the administrative requirements of the project (submittals, RFI's, pay requests, etc.).
8. Trade Contractor to provide BIM coordination and detailing services for the Project with integration into the Project 3D Model as stipulated in Section 002410 – General Scope of Work.
 9. The sequence of all Work shall be coordinated and integrated amongst all Trade Contractors in order to meet the overall dates listed in the Schedule. This will require full cooperation and coordination from multiple Trade Contractors involved in the Work. In General, the Work shall be executed in order to achieve the most expeditious installation sequence with priority for safety, quality and production.
 10. Allow access and sufficient/reasonable time for others for installation of their Work that is integral with this Trade Contractor's Work.
 11. Provide all survey/staking/layout for the Work of this package. GC/CM will provide a master datum point on-site, four grid lines at grade level per building and one elevation benchmark on-site. All other survey/staking/layout is by this Trade Contractor, including layout for footing excavations.
 12. Provide temporary safety rails around all foundation excavations, ground level openings, stairs and at elevated slabs in compliance with WISHA. Provide toe boards and covering/protection of all slab penetrations and diamonds. Removal of temporary rails and protection to be coordinated with work of other trades and removed in time to not impede safe progress. Provide temporary wood handrail and pan tread infill and protection compliant with WISHA at all metal stairs for trade usage during construction. Remove temp railing and tread infill and protection at a time nearing project completion. Stairs shall be made available to trades' immediately following erection of the stairs.
 13. Provide coordination of all penetrations, sleeves and block outs with all Trade Contractors and all documents.
 14. Provide all unloading, handling, hoisting and access for the Work of this bid package complete. NOTE: The GC/CM's forklift is not available for use by this Trade Contractor.
 15. Trade Contractor shall include a \$40,000 allowance in its base bid as a Force Account allowance. Reference Section 002410-2.1.E.
 16. **STRUCTURAL STEEL, JOISTS AND DECKING SUPPLY SCOPE**
 1. Trade Contractor shall anticipate that RFI's and their associated time frames for response are normal to the detailing process and shall be accommodated for in its schedule for providing complete and accurate shop drawings.
 2. See below for anticipated shop drawings and delivery dates:
 - 1) Anchor Bolt/Embed Shop Drawings: 05/20/20 (allow 3 weeks for review)
 - 2) Anchor Bolt/Embed Delivery: 07/01/20
 - 3) Complete Steel Shop Drawings (Submitted by Erection Zone): 07/01/20 (allow 4 weeks for review)
 - 4) First Steel Delivery for Continuous Erection: 09/01/20
 - 5) Stair & Rail Shop Drawings: 08/01/20 (allow 3 weeks for review)
 - 6) Stair Delivery: In Sequence
 - 7) Rail Delivery: As scheduled by CGC Supt (approx.)
 3. Coordinate fabrication with other items such as movable partitions, HVAC equipment, etc. to support such items.
 4. Provide all anchors, including epoxy (steel/steel, steel/concrete, steel/CMU). Includes all bolts, expansion anchors, epoxy rods, DBA's, epoxy, nuts and washers complete for all steel connections indicated including bolted

- connections from steel to Concrete, CMU and wood and fasteners for all arch misc. metals. Includes bolts for bar joist connections to structural steel.
5. Column Anchor Bolt Templates: Supply Steel Plate Anchor Bolt Templates for each column (no re-use). Templates shall be made of 1/8th plate steel and sized 2 inches larger in each direction than the base plate for the column. Each template shall have a Centerline Hole punch and (4) 1/8" nail holes at the perimeter of the template for attachment to the forms. Each template shall be piece marked with location and column type. These shall be supplied 10 days prior to the commencement of foundation installation.
 6. Supply all thru-deck Shear Studs / Nelson Studs.
 7. All rebar/dowels shown welded to steel members shall be shop welded.
 8. All weep holes in galvanized members to be plugged by fabricator prior to delivery.
 9. Provide all miscellaneous metals except as specifically listed under "Exclusions". This includes all work shown on the "A", "S", "L" and/or "C" drawings sheets.
 10. All Material deliveries shall be sequenced to support continuous erection. Materials shall be delivered to the project as per the stipulated erection zoning and generally on a 'just in time' basis for shake-out prior to erection. There is not adequate space on-site for long term storage. If necessary, provide off-site storage so that the material can be fabricated ahead of time and delivered to the site to support continuous erection activities and schedule requirements without overwhelming the site with material. Refer to 003113 for additional schedule information.
 11. Material to be shop fabricated to the furthest extent possible and as indicated in the Contract Documents. In the case where pieces must be provided for field splicing, design for ground splice prior to erection, supply all anchors, hardware and instructions associated with splice requirements.
 12. Stairs and related guard rails to be shipped with erection zoning to allow erection with structural steel sequence.
 13. Provide all site handrails and guardrails. This includes all rails shown on Civil and Landscape drawings.
 14. Provide fully engineered joist and metal deck drawings and calculations stamped by a professional engineer licensed in Washington State.
 15. Provide all gauge metal deck edge, edge form, flute closure, neoprene closures and flute insulation where indicated. Material to be shop fabricated to the furthest extent possible and as indicated in the Contract Documents.
 16. All joists shall be delivered in full span lengths unless not possible due to legal roadway transport limitations. In the case where joists must be provided for field splicing, design joist for ground splice prior to erection, supply all anchors, hardware, support pieces and instructions associated with splice requirements.
 17. Acoustical Reflector Panels: BP-03.1 Steel Fabricator will supply angle frames per detail 10/S5.32, aircraft cable, steel plates and tabs. BP-09.1 Trade Contractor shall provide cold formed metal framing track and joists. BP-09.1 Trade Contractor shall assemble framing, steel components and install/hang Acoustical Reflector Panel frames. Holes in angle frames per detail 10/S5.32 shall be field drilled for air craft cabling by BP-09.1 trade Contractor. BP-06.1 Trade Contractor shall install PLAM faced Plywood Panels on the installed frames. (Ref. Details on Sheets A5.42 and S5.32).
 18. Provide field measuring for all site rails.

19. Erector Aides: the following erector aides are not indicated on the contract drawing sheets but are required:
- 1) Supply Steel shims for all columns (3x3x1/8s, 1/4s, 1/2s).
 - 2) Provide weld plates at guide rail columns and hoist beam for elevator.
 - 3) Supply A307 x 1" cut washers welded to all perimeter columns for safety cables located at 22" & 48" off the top of steel dimension for that floor (not required for columns at open bay areas).
 - 4) Provide 2"x2"x1/4" angles by 49" long at 8 ft o.c. at all perimeter beams @ metal deck areas for safety rail installation. Holes for safety cables are required @ 22" and 48" AFF. This includes light wells, mech shafts and elevator. This includes light wells, mech shafts and elevator.
 - 5) Provide one 3/4" hole in the top flange approximately 12" from each end of all beams for safety cable attachment.
 - 6) Provide all pipe and tube steel members with bolted erection holes so that no member is not bolted at time of erection. Diagonals to have one erection hole in the top and two erection holes in the bottom end. Trade Contractor to provide erection bolts.
 - 7) Supply LeJeune, Bristol or approved equal tension control bolts on all bolts requiring torque specs.
 - 8) Anchor Bolts shall be supplied with one additional jamb nut per bolt in order to secure the Anchor Bolts to the templates. Anchor Bolt thread projection shall be provided to accommodate the proper projection taking into account the added jamb nut.
 - 9) Supply bolts for bar joist connections to structural steel, including erection bolts.
 - 10) Material to be stamp marked clearly on one end only to coincide with erection shop drawing piece marks and color coded as per erection zoning. Tags are not acceptable as the only source of identification.
 - 11) Provide (4) full size sets of erection drawings and (2) full size sets of detail drawings in advance of material deliveries. Erection drawings shall show piece marks and identification of the direction of each member and which side of the clip that beams connect to.
 - 12) Provide bills of lading a minimum of 24hrs prior to material deliveries.
 - 13) Provide all slab edge bent plates shop welded to supporting member, held back from columns regardless of details found within the drawings. Any DBA's shall be shipped loose for field installation.
 - 14) Do not place primer paint within 2" of all field weld conditions and at slip critical connections.
 - 15) Provide all ledgers with erection holes on each end for temp anchors.
 - 16) Provide all roof and floor opening steel as shop welded frames and deliver per erection zoning.
 - 17) All canopies shall be shop welded to largest shippable size.
 - 18) Backup bars for CP welds.
 - 19) Deck loads cannot be mixed unless necessary to fill the truck. If mixed, only the subsequent zone can be added.
 - 20) Supply (2) deck crimping tools as required by manufacturer for use on Project thru completion of decking installation at no additional charge.
 - 21) Supply joists with bolted connections where possible, otherwise provide erection bolt holes and bolts for all joist connections, coordinate layout with steel fabricator such that supporting members are prepped with erection holes too.

- 22) Supply bolted x-bracing in lieu of bridging at all joist locations.
- 23) Supply 10% extra quantity of bridging material.
- 24) Provide sufficient trucking to supply loads every 45min each day of a complete erection zone. Erection zoning will be provided post bid after review with erector.

17. STEEL ERECTION SCOPE

- 1. Erector is required coordinate with and provide access for Owner's Special Inspection Agency for conformance of field-welds and execution.
- 2. Provide erection zoning map, in compliance with the Project Schedule, within 15 days of Award. Material shall be delivered to the project as per the stipulated erection zoning which is Trade Contractor's obligation to create in coordination with the GC/CM and fabricator(s). Trade Contractor acknowledges that material will be sent in full truck quantities that will result in certain steel for later sequences being delivered early.
- 3. To facilitate project schedule, elevated decks will need to be completed and turned over for other trades work in portions as determined by the GC/CM. Safety railing will need to be installed not only on outside edges but to accommodate the portions being turned over.
- 4. Erection of structural steel may occur prior to or after installation of slab on grade at the discretion of the GCCM.
- 5. Trade Contractor shall execute work utilizing 100% Tie-Off throughout execution of work in compliance with OSHA/WISHA requirements.
- 6. Install all thru-deck Shear Studs.
- 7. Install wedge anchors at Trade Contractors work.
- 8. Permanent Stairs and ladders shall be erected in sequence with building such that they are available for trade contractor access use.
- 9. Remove all erector aides which aren't part of the permanent connection or that are exposed to view upon completion. Grind smooth to match adjacent steel surface at erection aide locations.
- 10. Provide cable safety rails, in compliance with WISHA, for all areas with metal decking where an opening or edge condition exists. Placement of rail system shall be so as to minimize conflicts with subsequent Work so that rails may remain installed as long as possible. Remove when exterior framing is sufficiently completed to allow removal without installation of another safety rail. Coordinate areas where exposed concrete will not allow cable safety rail stanchions in concrete.
- 11. Where steel is exposed to public view in its final configuration, whether or not it is AESS, provide welds that are dressed up with smooth finished appearance with no sharp edges or slag.
- 12. Provide field priming of all welds after inspection, match finish of primer or galvanized coating as provided by the supplier.
- 13. Provide gas welding equipment and/or generators to supply power for welders. The Project's temporary power will not be made available for welding equipment.
- 14. Installation of all welded/bolted steel stairs, guardrails and handrails. This includes all welded connections at building and site handrails, including stainless steel handrails.

18. FALL PROTECTION SCOPE

1. Provide permanent facility fall protection as required by the contract documents and applicable codes and regulations.
2. Professional Engineered stamped shop drawings, bearing a seal of a Professional Engineer registered in the state of Washington.
3. Provide testing and certification, closeout documentation, warranty, and training on use and maintenance of system after installation as per specifications.
4. Stanchion heights to meet or exceed min flashing heights determined by roofing manufacturer's warranty requirements. Coordinate with approved roof taper drawings to ensure minimum anchor height above roof is met.
5. Includes installation of lifeline.
6. Provide all necessary sealing gaskets.

C. Exclusions:

1. Misc. Metal Fabrications/Perforated Metal at ductwork per details 8, 9, 10, 11, 23, 27 on A4.44.
2. Installation of items cast into building concrete by BP-03.1.

2.3 BID PACKAGE BP-06.1 – CASEWORK & FINISH CARPENTRY

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
06 10 00	Rough Carpentry	As Applicable
06 20 23	Interior Finish Carpentry	Complete
06 42 19	Plastic-Laminate-Faced Wood Paneling	Complete
07 92 00	Joint Sealants	As Applicable
09 84 00	One-Dimensional Diffuser	Complete
10 12 00	Display Case	Complete
12 35 50	Casework	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with interior finish carpentry and casework.
2. Furnish a Payment and Performance Bond per section 00 2113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
8. In-wall backing & blocking in locations, type and quantity described on the contract drawings will be provided by BP-09.1. The BP-06.1 Trade Contractor shall field locate this backing via paint on studs timely to coincide with framing activities. Any additional quantities of backing desired by BP-06.1 Trade Contractor will be at the cost and responsibility of the BP-06.1 Trade Contractor. Includes timely review and acceptance of installed backing prior to cover up. Un-reviewed backing installation will be deemed to have been accepted. Provide backing requirement drawings.

9. Provide miscellaneous steel, brackets, supports, and wall standards required for supporting items provided under this bid package including but not limited to in-wall brackets, counter support brackets, etc. Where the structural 'S' drawings specifically indicate miscellaneous steel shapes by size and attachment details, this will be provided by others.
10. Provide protection of counter tops and wall paneling immediately following installation. Protection shall be affixed to counter to prevent debris from getting under it and scratching the surface. Protection shall consist of Masonite or thick cardboard. Prior to punch-list, BP-06.1 Trade Contractor is responsible to remove and dispose of the protection and wipe down the surface in accordance with final cleaning requirements.
11. All Work provided by BP-06.1 shall be wiped down, wiped out, cleaned with labels removed (except UL labels) just prior to punch-list.
12. Provide coordination with Electrical and Plumbing contractors for installation of utilities, fixtures and raceways within casework. Casework must allow for concealment of utilities and maintenance access, including removable backs/panels.
13. Provide cutouts in items provided by BP-06.1 for other trades Work (for example, sinks, grommets, vents, grilles, etc...).
14. Provide aesthetic joint sealant / caulk joint between finish carpentry items, casework items and adjacent surfaces where indicated AND when gaps exceed 1/16" (for example, window sills and back splashes).
15. Furnish and install all surface mounted blocking & shims behind wall paneling and as required to make Work plumb and level.
16. All Work provided under BP-06.1 is to be prefinished by BP-06.1.
17. Provide all hardware and locks within Trade Contractors Work. Cores will be provided by BP-08.2. Trade contractor required to provide a schedule of casework locks for coordination with BP-08.2.
18. Deliveries to be coordinated with GCCM minimum 48 hours prior to delivery. Provide bills of lading for review.
19. Provide display cases complete including glass.
20. Acoustical Reflector Panels: BP-03.1 Steel Fabricator will supply angle frames per detail 10/S5.32, aircraft cable, steel plates and tabs. BP-09.1 Trade Contractor shall provide cold formed metal framing track and joists. BP-09.1 Trade Contractor shall assemble framing, steel components and install/hang Acoustical Reflector Panel frames. Holes in angle frames per detail 10/S5.32 shall be field drilled for air craft cabling by BP-09.1 trade Contractor. BP-06.1 Trade Contractor shall install PLAM faced Plywood Panels on the installed frames. (Ref. Details on Sheets A5.42 and S5.32).
21. Provide finishes on hidden door.
22. Provide wood benches complete. Ref. Detail 2/A4.46 for example.
23. Provide misc. metals associated with wood wall paneling and benches. Ref. details on 26/A4.45 and similar details on A4.45, A4.46 and A4.47 for example.
24. Provide Countertop Supports. Ref. detail 29/A4.42 for example.
25. Provide a Force Account Allowance of \$10,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Marker Boards.

2.4 BID PACKAGE BP-07.1 – METAL PANELS, SIDING & FLASHINGS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
06 10 00	Miscellaneous Rough Carpentry	As Applicable
07 21 00	Thermal Insulation	As Applicable
07 25 00	Weather Barriers	Complete
07 42 13	Metal Wall Panels	Complete
07 42 14	Metal Composite Material Wall Panels	Complete
07 46 33	Composite Resin Panels	Complete
07 54 19	Single-Ply Membrane Roofing	As Applicable
07 62 00	Sheet Metal Flashing and Trim	Complete
07 92 00	Joint Sealants	As Applicable
07 95 00	Expansion Control	Complete - Exterior
08 91 19	Fixed Louvers	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with sheet metal, metal panels, metal siding, aluminum wall panels flashings, downspouts, gutters, scuppers, conductor heads, trim, air barrier system, louvers, insulation, etc.
2. Furnish a Payment and Performance Bond per section 00 2113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.

8. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.
9. Where metal/aluminum siding/wall panels & soffit occur: provide a complete rain screen type 'enclosure system assembly' consisting of all components which start at the outside face of the GWB Sheathing, etc., including but not limited to: weather barriers, SAM, fluid applied flashings, clips, insulation, furring/girts/framing, flashings, sealants, metal siding, metal panels, vent screens, insect screens, etc...
10. Installation of product/systems per manufacturer's requirements including standard flashing details that are not indicated in the plans. If the details in the plans do not represent manufacturer's installation requirements trade contractor to bring it to the attention of the GCCM during the shop drawings process.
11. Provide SS break shape flashing with drip edge at all locations.
12. Provide exterior expansion joint assemblies including all noted moisture barriers at roof and exterior wall locations. Interior expansion joints will be provided by Bid Package BP-10.1.
13. Provide vent blocking as required.
14. Provide SS saddle flashings.
15. Provide ALL Downspouts and connection to transition below grade provided by BP-31.1.
16. Provide Flashings that attached into curtain wall assembly. Coordinate with BP-08.1 Trade Contractor for installation. Reference detail 1/BE502 for example.
17. Provide metal attachment angle at window system sills. Reference detail 7/BE500 for example.
18. Provide all primary and secondary joint sealants / caulk joints between materials installed by BP-07.1 and all other adjacent materials whether or not installed by BP-07.1 except at aluminum window systems installed under BP-08.1. Sealant to aluminum window systems to be installed under BP-08.1.
19. Metal Stud Wall framing member locations, type and quantity inside of the exterior GWB Sheathing is described on the contract drawings and will be provided by BP-09.1. The BP-07.1 Trade Contractor is responsible for all other framing, backing, blocking, furring, etc. required by his assemblies.
20. Gutters and downspouts shall be installed timely in order to manage water from roofs as soon as practical. If this Work is not performed timely, temporary downspouts shall be installed in order to direct and control the water.
21. BP-07.1 shall anticipate that installation of windows will precede installation of Masonry veneer or metal wall panels, and therefore the sequence of work at the openings and related details must accommodate this sequence.
22. Provide coordination with electrical and plumbing contractors for installation of their fixtures and trim within the exterior assemblies provided by BP-07.1 and cutouts for same. BP-07.1 is responsible to ensure weather-tight seal between their Work and the Work of others who penetrate their Work.
23. All items provided by this Trade Contractor shall be wiped down, wiped out, cleaned with labels removed (except UL labels) just prior to punch-list.
24. Trade Contractor shall provide protection when working over and/or adjacent to finish surfaces.

25. Provide a Force Account Allowance of \$10,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Clad metals at roofing.

2.5 BID PACKAGE BP-07.2 – ROOFING

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
06 10 53	Miscellaneous Rough Carpentry	As Applicable
07 21 00	Thermal Insulation	Complete
07 54 19	Single-Ply Membrane Roofing	Complete
07 62 00	Sheet Metal Flashing and Trim	Complete
07 92 00	Joint Sealants	As Applicable

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with Roofing.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will NOT be made available for this Trade Contractor's use
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
8. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.
9. Provide dumpster(s) and legal off-site disposal of all debris generated by the Work of this package, including disposal fees. (Bidders of BP-07.2 are to ignore paragraph 2.2.D of Section 002410).

10. Wood blocking in locations and quantities depicted in the contract drawings will be provided by others. If BP-07.2 requires additional wood blocking that is not clearly indicated in the contract drawings is required, it is the responsibility of BP-07.2 to provide.
11. Anticipate and provide roof penetrations and associated flashing of same in quantities as indicated on the A, S, M, E, FS designated roof drawings.
12. Supply and Install all roof related PVC clad flashings, including scuppers. In addition, provide all metal termination bars and battens.
13. Provide water-tight conditions at all permanent and temporary termination conditions. Do not rely on a subsequent contractor's installation to achieve a water-tight condition.
14. Install insulation strips at acoustical metal deck locations. Insulation will be provided by others.
15. For the purpose of determining make-up work days due to weather, Saturday shall be considered a regular time work day when the total hours worked on this project in any week do not exceed 40 hours.
16. All areas provided by this Trade Contractor shall be washed down, wiped down, with labels removed just prior to punch-list.
17. Provide a Force Account Allowance of \$5,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Wood roof blocking shown in drawings.
2. Gutters.

2.6 BID PACKAGE BP-08.1 – ALUMINUM WINDOW SYSTEMS & GLASS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 92 00	Joint Sealants	As Applicable
08 41 13	Aluminum-Framed Entrances and Storefronts	Complete
08 44 13	Glazed Aluminum Curtain Walls	Complete
08 51 13	Aluminum Windows	Complete
08 71 00	Door Hardware	As Applicable
08 80 00	Glazing	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with all aluminum storefront systems, aluminum curtain wall systems, transaction windows, aluminum break shapes, interior glazing and non-framed mirrors.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the work in the timeframes allowed (reference section 003113 – Construction Scheduling). Timely and expedited submittal, delivery and installation of this BP's Work is critical for Building dry-in and execution of the Project's finishes. This Trade Contractor shall provide submittal, materials and installation to promote the earliest possible dry-in date but no later than the dates listed. Where the Work of this package is late, BP-08.1 Trade Contractor will be required to provide temporary weather barrier covers at openings in order to allow interior finishes to proceed.
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.

8. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.
9. Metal framing, steel framing and supports in types, locations and quantities depicted in the contract drawings, when detailed with sizes and connection information, will be provided by others. Any other attachments to structure and/or other supports not shown in the contract drawings, but required by this Trade Contractor, shall be provided by this Trade Contractor. This includes steel supports, if needed, at high span storefront conditions.
10. Provide sealants/caulking between the Work of BP-08.1 and all other materials. Do not rely on a subsequent contractor's installation to achieve a water-tight condition. This includes caulk joints at the exterior and interior side of this Trade Contractors work.
11. Trade Contractor acknowledges that hollow metal frames will attach directly to its system and will accommodate such connection in their shop drawings. Installation of hollow frames is by others.
12. Aluminum Doors: BP-08.1 Trade Contractor shall provide aluminum doors including installation. Hardware as specified in section 087100 shall be provided by BP-08.2 Trade Contractor and installed by BP-08.1 Trade Contractor.
13. Provide all break shapes indicated to match aluminum window systems.
14. BP-08.1 shall anticipate that installation of windows will precede installation of exterior cladding systems, and therefore the sequence of work at the openings and related details must accommodate this sequence.
15. Provide interior glass and glazing complete, including door lites, relites, un-framed mirrors, etc. However, glazing that is integral within assemblies specified elsewhere in other sections is by others (Folding Glass Partitions for example).
16. All Work provided by this Trade Contractor shall be wiped down and cleaned, with labels removed, just prior to punch-list.
17. Provide a Force Account Allowance of \$5,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Sheet Metal flashings.

2.7 BID PACKAGE BP-08.2 – OPENINGS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 92 00	Joint Sealants	As Applicable
08 11 13	Hollow Metal Doors and Frames	Complete
08 11 14	Custom Hollow Metal Doors and Frames	Complete
08 14 16	Flush Wood Doors	Complete
08 34 73	Sound Control Door Assemblies	Complete
08 71 00	Door Hardware	Complete
08 71 13	Automatic Door Operators	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated work associated with of all horizontal passageways (doors, frames, hardware, special doors, etc.) and all interior hollow metal relite frames.
2. Furnish a Payment and Performance Bond per section 00211 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 00311 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, non-working with tools, Superintendent who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. In addition, during periods of on-site activity, this Trade Contractor shall have a full-time on-site, non-working with tools, Project Engineer with primary responsibility of managing the administrative requirements of the project (submittals, RFI's, pay requests, etc). Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.

8. All HM doors and frames to be shop primed per specifications. Coordinate with BP-09.4 Trade Contractor for field painting requirements.
9. All materials to be shipped 'just-in-time' in sequence by building as the schedule requires. Separate deliveries for HM frames, HM Doors and wood doors required for each building.
10. Coordinate with BP-08.1 Trade Contractor for all HM frames to be installed in Aluminum Curtain Wall Assemblies and include all required fasteners and clips for installation.
11. Receiving, inventory, distribution and installation of frames in metal wall framed assemblies is by BP-09.1. Coordinate with BP-09.1 Trade Contractor for all HM frames to be installed in Metal Framed Wall Assemblies and provide all required fasteners and clips for installation. Prior to swinging door slabs, BP-08.2 shall re-verify each hollow-metal frame that it is plumb and square. All deviations shall be promptly corrected in coordination with BP-09.1.
12. BP-08.2 Trade Contractor is responsible for setting of HM Frames in Aluminum Window Systems. Coordinate with BP-08.1 Trade Contractor for all HM frames to be installed in Aluminum Curtain Wall Assemblies and include all required fasteners and clips for installation.
13. Coordinate with ECCM Trade Contractor for all electrical devices and infrastructure that are required to be installed within door and frame assemblies.
14. In-wall backing & blocking in locations, type and quantity described on the contract drawings will be provided by BP-09.1. The BP-08.2 Trade Contractor shall field locate this backing via paint on studs timely to coincide with framing activities. Any additional quantities of backing desired by BP-08.2 will be at the cost and responsibility to provide by BP-08.2. Includes timely review and acceptance of installed backing prior to cover up. Un-reviewed backing installation will be deemed to have been accepted.
15. Aluminum Doors: BP-08.1 Trade Contractor shall provide aluminum doors including installation. Hardware as specified in section 087100 shall be provided by BP-08.2 Trade Contractor and installed by BP-08.1 Trade Contractor.
16. All fire rated assemblies to be UL rated and labeled.
17. All acoustical assemblies to meet performance specifications. Trade Contractor to provide acoustical testing as required by plans and specifications.
18. All hardware shall be keyed in accordance with the specifications.
19. BP-08.2 Trade Contractor shall provide temporary construction locksets for all exterior doors, electrical rooms, mechanical rooms and an additional 20 locations to provide security prior to substantial completion.
20. Provide hardware packages individually packaged and labeled.
21. Provide a connex for storage of all HW to be placed in a location coordinated with GCCM.
22. Provide and install auto-operators.
23. All Work provided under BP-08.2 is to be prefinished by BP-08.2 except the following items which are to be provided shop primed: HM frames, HM doors and HM relites.
24. Provide all glazing that is integral with items provided in BP-08.2 with the exception of glazing associated with 08 11 13 Hollow Metal Doors and Frames and 08 14 16 Flush Wood Doors.
25. Glazing stops in HM doors/frames are to come mechanically attached to door/frame with (2) screws in each stop.
26. All Work provided by BP-08.2 shall be wiped down, wiped out, cleaned with labels removed (except UL labels) just prior to punch-list.

27. Provide with single point of connection for Electrical Contractor. Any other wiring including limit switches and connection are covered under this subcontract.
28. Provide access panels related to contractor's scope of work.
29. Provide a Force Account Allowance of \$10,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Highlighted Exclusions:

1. Glazing within doors and relites.
2. Foam Insulation within HM frames.

2.8 BID PACKAGE BP-09.1 – FRAMING & GWB

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
05 40 00	Cold-Formed Metal Framing	Complete
06 10 00	Rough Carpentry	As Applies to this Scope of Work
06 16 00	Sheathing	Complete
07 21 00	Thermal Insulation	As Applies to this Scope of Work
07 46 46	Fiber-Cement Siding	Complete
07 84 13	Penetration Firestopping	Complete
07 92 00	Joint Sealants	As Applies to this Scope of Work
08 11 13	Hollow Metal Doors and Frames	As Applies to this Scope of Work
09 21 16	Acoustical Wall Construction	Complete
09 22 16	Non-Structural Metal Framing	Complete
09 29 00	Gypsum Board	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with metal stud framing and GWB, and insulation within the weather barrier.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
5. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will not be made available for this Trade Contractor's use.
6. Provide dumpster and disposal fees for GWB scrap debris generated by this Bid Package. The GCCM's dumpster is not permitted for use by BP-09.1 for GWB scrap.

7. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.
8. Provide all in-wall backing/blocking (metal and wood) in locations, quantities and types indicated and specified in all sections (Divisions 05 thru 14). Obtain all submittal information from other Trade Contractors indicating specific backing information necessary for each item that is supported by or connected to a wall. NOTE: In addition to the metal stud backing indicated for wall hung handrail, provide a solid nested fire treated continuous wood block at each stud bay.
9. Provide all Thermal Insulation for the Project except as follows: rigid insulation occurring under slabs on grade, rigid insulation occurring on the dirt side of below grade concrete foundation walls, rigid insulation occurring under roofing membrane that is part of the roofing system, rigid insulation behind metal wall panels outside of the GWB Sheathing, and rigid insulation behind brick veneer outside of the GWB Sheathing.
10. Provide spray foam insulation where indicated.
11. Provide all interior acoustical insulation.
12. Provide all gauge metal framing members, angles, etc. shown in documents.
13. Provide sound and fire ratings at walls and slab edges. Note: mechanical and electrical penetrations thru fire rated walls will be sealed by Others. Note also: the Mechanical and Electrical Trade Contractors are required to construct their Work in and thru sound rated walls as specified and to allow BP-09.1 to apply the necessary sound treatments to their Work in order to achieve the specified sound performance requirements.
14. Provide tile backer board.
15. Provide plywood where indicated on metal studs and/or on GWB/Sheathing conditions, including telephone back boards, electrical closets, MDF rooms, IDF rooms.
16. Provide Dens Deck Prime sheathing at backside of parapets at roof locations. Work shall be installed to support the earliest start of roofing activities.
17. Receiving, inventory, distribution and installation of frames in metal wall framed assemblies is by BP-09.1. Coordinate with BP-08.2 Trade Contractor for all HM frames to be installed in Metal Framed Wall Assemblies and provide all required fasteners and clips for installation. Prior to swinging door slabs, BP-08.2 shall re-verify each hollow-metal frame that it is plumb and square. All deviations shall be promptly corrected by BP-09.1.
18. Install access doors provided others. For bidding purposes include an allowance of 10 tape-in access panels.
19. Provide moisture resistant type GWB for top-out material in all corridors, and in mechanical/electrical rooms complete to allow this Work to commence in advance of the roof being completely dried-in.
20. Temporary heaters and fans will be supplied by the GCCM in order to achieve the minimum environmental conditions necessary to promote finishes. The BP-09.1 Trade Contractor is responsible to move and maintain the fans in operation as required to support its Work.
21. Provide expedited completion of certain rooms/areas in order to promote the Work of other trades to commence at the earliest possible dates (for example electrical closets, bathrooms, mechanical rooms, chases, etc).

22. Includes complete ceiling assembly detailed in 12/A5.43. Plywood by BP-06.1 Trade Contractor.
23. Coordinate and cooperate with BP-09.5 – Painting to determine when areas are sufficiently ready for priming/painting Work to start in order to promote the earliest possible start date. After priming occurs, BP-09.1 shall review finishes for quality requirements and touch up any non-conforming areas prior to finish coat painting being applied.
24. Remove temporary cable safety rail system installed by the Steel Erector after exterior walls are framed and no fall hazard exists.
25. Acoustical Reflector Panels: BP-03.1 Steel Fabricator will supply angle frames per detail 10/S5.32, aircraft cable, steel plates and tabs. BP-09.1 Trade Contractor shall provide cold formed metal framing track and joists. BP-09.1 Trade Contractor shall assemble framing, steel components and install/hang Acoustical Reflector Panel frames. Holes in angle frames per detail 10/S5.32 shall be field drilled for air craft cabling by BP-09.1 trade Contractor. BP-06.1 Trade Contractor shall install PLAM faced Plywood Panels on the installed frames. (Ref. Details on Sheets A5.42 and S5.32).
26. Installation of partial height wall steel supports where indicated in plans.
27. Where scaffolds are erected by BP-09.1 to access the Work, this scaffold shall be made available for other Trades' use.
28. BP-09.1 Contractor shall provide broom swept work areas daily during the GWB hanging and taping process. Debris will not be allowed to accumulate. Scrape/Clean all floors upon completion of mudding/tapping process to remove all taping mud completely from concrete. Provide protection of polished, sealed and stained concrete floors during execution of work in this bid package.
29. Provide a Force Account Allowance of \$20,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Thermal insulation outside of sheathing or under SOG by BP-03.1, BP-07.1 and BP-07.2 (ref those packages).
2. Furring, hat channel, etc. for exterior siding systems specifically provided by Bid Package 07.1 – Metal Panels, Siding & Flashings.

2.9 BID PACKAGE BP-09.2 – ACOUSTICAL CEILINGS AND TREATMENTS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 92 00	Joint Sealants	As applies to this scope of work
09 51 13	Acoustical Panel Ceilings	Complete
09 54 26	Suspended Wood Ceilings	Complete
09 84 33	Acoustical Wall Panels	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with acoustical treatments, including but not limited to acoustical tile ceilings, specialty ceilings, surface acoustical wall & ceiling treatments, etc.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
5. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Provide all support / suspension required for all Work of this BP.
8. Provide any engineering required by AHJ's for work under this bid package.
9. Provide all penetrations for other Trade's Work within this Trade Contractors Work.
10. Leave out ACT tiles at all mechanical and electrical locations that will require access for final terminations, testing, adjusting and/or balancing of systems. Install these tiles only when directed to do so in advance of final punch list activities.
11. Install ceiling tiles out of sequence at electrical mechanical fixture locations to allow ceiling rough-in to complete prior to remaining ceiling tile installation.
12. Where scaffolds are erected by BP-09.2 to access the Work, this scaffold shall be made available for other Trades' use to access their Work also at no additional cost as long as these other trades are diligent in completing their work timely.

13. Detailed shop drawings including layout, elevation, type, and spacing of panels including details and attachment methods as well as supplemental information required for coordination with Others.
14. Pre-finished 'black' suspension grid system and/or panels where indicated on drawings.
15. Provide allowance included in base bid for up to 5% replacement of damaged acoustical ceiling tile as directed by the GC/CM. Includes removal of damaged tile, new tile and installation of new tile. Trade Contractor shall credit back any unused portion of this allowance. Unused tile will be turned over to the owner for owner stock in addition to stock required in the specifications.
16. Provide a Force Account Allowance of \$5,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. None

2.10 BID PACKAGE BP-09.3 – CARPET & RESILIENT

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 92 00	Joint Sealants	As applies to this scope of work
09 65 13	Resilient Base and Accessories	Complete
09 65 19	Resilient Tile Flooring	Complete
09 68 16	Sheet Carpeting	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with resilient flooring, carpeting, walkoff mats, floor prep, and base.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
8. Provide minimum floor moisture testing per specifications.
9. Trade Contractor BP-09.3 shall provide floor preparation at concrete joint locations, including slab construction joints, expansion joints, joints at concrete blockouts (steel columns and other cast in items such as science trenches, and sawcut joints at slab on grade locations.
10. Trade Contractor BP-09.3 shall provide floor preparation as required by manufacturer in addition to specific inclusions of this bid package.
11. Provide all transitions, metal edge strips, including those between the Work of Trade Contractor BP-09.3 and the work of other Trade Contractors.

12. Offloading and stocking of material in coordination with GC/CM. Materials are to arrive on a 'just-in-time' manner. (Elevator will not be available for stocking second floor materials).
13. Provide a Force Account Allowance of \$7,500 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Final cleaning.
2. Tiling

2.11 BID PACKAGE BP-09.4 – TILING

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 92 00	Joint Sealants	As Applicable
09 30 13	Ceramic Tiling	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with ceramic.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
8. Furnish and install all ceramic tile for floor applications, wall applications; all mortar, setting materials, adhesive materials, and grout required at all tile locations, and all non-ceramic trim at tile edges in accordance with the specifications and drawings.
9. Offloading and stocking of material.
10. Provide all transitions from tile installed under this bid package.
11. Provide crack isolation membrane at work installed under BP-09.4.
12. Coordinate and provide penetrations through tile surfaces for other trades, plumbing penetrations for example. Provide onsite review of drains prior to pouring of concrete slabs to confirm the slope and the elevation of the drains match that of the tile thickness.
13. Provide joint sealants as applicable touching work installed under BP-09.4.

14. Clean and seal tile per manufacturer's recommendations.
15. Provide taping/floating of joints in tile backerboard supplied and installed by BP-09.1 trade contractor.
16. Trade Contractor shall protect its finished flooring. Protection will be removed by others.
17. Provide a Force Account Allowance of \$2,500 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.
- 18.

C. Exclusions:

1. Tile backer board.

2.12 BID PACKAGE BP-09.5 – PAINTING, COATINGS & SEALANTS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 19 00	Water Repellents	Complete
07 92 00	Joint Sealants	As Applies to this Scope of Work
09 72 00	Wall Coverings	Complete
09 91 13	Exterior Painting	Complete
09 91 23	Interior Painting	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with building and site applied coatings including but not limited to: paint, stain, sealers, varnishes, other coatings and certain joint sealants/caulking.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
5. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Temporary heaters and fans will be supplied by the GCCM in order to achieve the minimum environmental conditions necessary to promote finishes. The BP-09.5 Trade Contractor is responsible to move and maintain fans in operation as required for his Work.
8. The GCCM will require a mock-up assembly (not incorporated into the work) for an exterior wall that includes all different exterior conditions that exist in the Work as shown in the plans. One wall shall have an opening for a storefront window and one shall have an opening for a standard hollow metal frame. The mockup will also include typical penetrations through the enclosure system. Trade Contractor shall provide the full scope of its Work at this mockup.

9. Provide proper legal disposal for coatings related waste and wash-up water generated by this Bid Package.
10. Provide all surface preparation as specified. Refer to all other specification sections of items that will require field painting to determine the level of prime and final finish that will be by others and the expectation of field prep that may be required.
11. Provide expedited painting of certain rooms/areas in order to promote the Work of other trades to commence at the earliest possible dates (for example electrical closets, bathrooms, mechanical rooms, chases, etc).
12. Includes Section 079200 Joint Sealants as follows:
 1. Interior joints between HM frames and GWB
 2. Interior Joints between base of HM Frame and flooring where joint exceeds $\frac{1}{4}$ "
 3. Interior joints between GWB and Aluminum Window/SF/CW Systems
 4. Interior joints between GWB and exposed to view steel members
 5. Interior joints between GWB and exposed to view MEP penetrations
13. Coordinate with BP-08.2 Trade Contractor for painting of HM frames and doors. Mask-off all UL labels and door identification labels and remove masking after painting.
14. Coordinate and cooperate with the BP-09.1 GWB Trade Contractor to determine when areas are sufficiently ready for priming/painting Work to start in order to promote this Work to start at the earliest possible date. After priming occurs, the BP-09.1 Trade Contractor shall review finishes for quality requirements and touch up any non-conforming areas prior to finish coats of painting being applied.
15. Provide broom swept work areas daily during the painting process where fall-down occurs. Debris will not be allowed to accumulate.
16. Protect concrete floors from contamination from work under this bid package. Trade contractor required to remove all paint/primer/sealers from concrete upon completion of work.
17. The final coat of paint shall be applied after completion of flooring but prior to rubber base installation and after other finish work is completed as directed by the GCCM. Trade contractor shall include all required masking and protection.
18. Trade Contractor shall provide protection of adjacent surfaces during installation of its Work.
19. Trade Contractor to paint all conduit, boxes, insulated and exposed ducts, hangers, brackets, collars, supports, mechanical equipment, and electrical equipment, unless otherwise indicated.
20. Includes painting of Window Trim Kits at doors as indicated.
21. Includes Painting of Downspouts.
22. Provide all paint and coating products used in any individual system from the same manufacturer, unless specified otherwise.
23. Trade Contractor to include out of sequence painting at areas made inaccessible due to installation of mechanical or electrical equipment.
24. Provide water-repellents and anti-graffiti coatings at all vertical interior and exterior concrete surfaces.
25. Provide prep for all exposed steel including but not limited to removal of rust, scale, dirt and other foreign material per SSPC SP-3. Apply phosphoric acid etch manufacturer. Rinse with potable water. When thoroughly dry, immediately apply prime coat. Any defects showing in prime surface are required to be repaired by

- other trades. Re-prime over repaired defects. Trade Contractor Shall assume complete prep for all exposed steel regardless of whether it is shop primed or not.
26. Provide a Force Account Allowance of \$15,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Finish at cabinetry and architectural wood work (except as noted under inclusions).
2. Finish of wood doors.

2.13 BID PACKAGE BP-10.1 – CONSTRUCTION SPECIALTIES

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
06 10 53	Rough Carpentry	As Applies to this Scope of Work
07 72 00	Roof Accessories	Complete
07 92 00	Joint Sealants	Complete
07 95 00	Expansion Control	Complete – Interior
08 31 13	Access Doors and Frames	Complete
09 65 51	Performing Arts Specialty Flooring (PLA)	Complete
09 77 00	Sanitary Wall Panels	Complete
10 11 00	Visual Display Units	Complete
10 14 23	Signage	Complete
10 21 13	Toilet Compartments	Complete
10 21 23	Cubical Curtains and Tracks	Complete
10 26 00	Corner Guards	Complete
10 28 00	Toilet, Bath, and Custodial Accessories	Complete
10 44 13	Fire Protection Cabinets	Complete
10 90 00	Miscellaneous Specialties	Complete
12 21 13	Horizontal Louver Blinds	Complete
12 24 13	Roller Window Shades	Complete
12 61 13	Fixed Audience Seating (PLA)	Complete
32 08 00	Exterior Improvement Commissioning	Complete
32 23 00	Site Improvements	Complete
32 31 13	Chain Link Fence and Gates	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with building specialties including but not limited to: Plastic Paneling, roof hatches, fluid applied flooring, visual display surfaces, signage, toilet compartments and accessories, fire protection specialties, wall protection, site specialties, interior athletic equipment, window treatments, chain link fence and gates, etc.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).

4. Trade Contractor recognizes that the Scope of this Bid Package occurs over multiple phases spanning separate time periods requiring separate mobilizations. Refer to section 003113 for additional information.
5. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
7. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
8. Furnish and install all roof hatches, including roof curb, cover and hardware in accordance with the specifications.
9. Coordinate with Electrical Contractor for all specialties provided and/or installed by BP-10.1 that require power or low voltage cabling.
10. Provide layout for all material and/or equipment furnished or installed by the BP-10.1 Trade Contractor.
11. Coordinate with Mechanical Contractor for any specialties provided and/or installed by BP-10.1 that have mechanical or plumbing connections, i.e. residential appliances, etc...
12. Coordinate with BP-06.1 for any specialty items that are mounted in or around casework.
13. Installation of all steel site bollards indicated on A, C, L, E sheets, including foundations.
14. Installation of all vehicle gates.
15. Installation of all rails that are not welded to steel and steel/aluminum ladders.
16. Includes concrete foundations and bases for any items provided in this BP that require foundations and/or bases (for example Flag Pole).
17. All in-wall backing & blocking in type and quantity described on the contract drawings will be provided by BP-09.1. The BP-10.1 Trade Contractor shall field locate this backing via paint on studs timely to coincide with framing activities. Any additional quantities of backing desired by BP-10.1 will be at the cost and responsibility to provide by BP-10.1. Includes timely review and acceptance of installed backing prior to cover up. Un-reviewed backing installation will be deemed to have been accepted.
18. Provide chainlink fence and gates complete.
19. Equipment shall be stored by Trade Contractor until installation if necessary and only delivered to the site when unit(s) is ready for installation.
20. Provide access doors to be installed by others. For bidding purposes include an allowance of 10 tape-in access panels. Access doors for MEP equipment access provided by others.
21. Provide a Force Account Allowance of \$20,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Highlighted Exclusions:

1. None.

2.14 BID PACKAGE BP-14.1 – ELEVATORS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 84 00	Firestopping	As applies to this scope of work
07 92 00	Joint Sealants	As applies to this scope of work
14 24 00	Hydraulic Elevators	Complete
Div 21	Fire Suppression	Complete

B. Highlighted Inclusions:

1. This Bid Package is intends to include all scope of work for the Project associated with elevators.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
- 4.
5. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
6. Coordinate inspections required by governmental authorities. Include one final inspection per elevator and one re-inspection per elevator.
7. Elevator Contractor acknowledges its responsibility for coordination of its scope of work, including code compliance, with the work of the Electrical, Mechanical Trade Contractors.
8. Provide written confirmation of sump and elevator pit size, dimensions and below grade mechanical/electrical coordination requirements within 5 days of Award.
9. Furnish and install any miscellaneous or structural metals, tie beams, concrete embeds, sill/jamb angles, grouting of sill/jamb angles, elevator hoist beams, seismic bracing, elevator shaft/pit ladders, that are not shown on contract drawings but are required to complete elevator installation in accordance with manufacturers, local and/or state requirements.
10. Furnish and install guide rails, access panels, elevator door jambs and sills, fascia, sealants, caulking, fire stopping, sill and jamb grouting and insulation incidental to the work. Include all sleeves, core drilling, and/or cutting for work of this section.
11. Provide all permits and certifications required by governmental authorities for temporary and permanent operation of the elevators.
12. Equipment shall be stored by Elevator Contractor until installation if necessary and only delivered to the site when unit is ready for installation.

13. Includes elevator cab finishes complete except floor coverings.
14. Provide code signage and labelling associated with Elevators.
15. Elevator contractor to coordinate with owner's locks and keying schedule and access control systems.
16. Trade Contractor acknowledges that installation may be required off of temporary power. Trade Contractor agrees to coordinate electrical requirements with Electrician.

C. Exclusions

1. None

2.15 BID PACKAGE BP-21.1 – FIRE SPRINKLERS

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 84 00	Firestopping	As applies to this scope of work
07 92 00	Joint Sealants	As applies to this scope of work
08 31 13	Access Doors and Frames	As applies to this scope of work
Div 21	Fire Suppression	Complete

B. Highlighted Inclusions:

1. Work includes design and construction of complete automatic wet and dry fire suppression and standpipe systems for the Project.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
5. Minimum Staffing Requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Trade Contractor to provide BIM coordination and detailing services for the Project with integration into the Project 3D Model as stipulated in Section 002410 – General Scope of Work.
7. The sequence of all Work shall be coordinated and integrated amongst all Trade Contractors in order to meet the overall dates listed in the Schedule. This will require full cooperation and coordination from multiple Trade Contractors involved in the Work. In General, the Work shall be executed in order to achieve the most expeditious installation sequence with priority for safety, quality and production.
8. Allow access and sufficient/reasonable time for others for installation of their Work that is integral with this Trade Contractor's Work.
9. Includes coordination with the Mechanical and Electrical Trade Contractors for a complete and coordinated installation. This Trade Contractor is required to participate in the GCCM's MEP Coordination process. The intent of this process

is to jointly coordinate all MEP systems to ensure all systems routed within the annular ceiling space are routed to accommodate all system's requirements. The focus will be to ensure that when installation occurs, there are limited conflicts.

10. Pulling and payment of all permits, inspections and testing for Trade Contractors scope of work, as required by Authority Having Jurisdiction (AHJ).
11. If this Trade Contractor will require any structural steel penetrations as a result of the MEP Coordination Process, these penetrations are required to be communicated to the Steel Fabricator in advance of steel shop drawings being finalized.
12. Trade Contractor 31.1 to take main fire water supply line to first flange inside of riser room; BP-21.1 Trade Contractor to provide riser layout in SOG.
13. Sprinkler Trade Contractor is responsible to coordinate with the Electrical Trade Contractor for fire alarm system devices and monitoring points.
14. Provide all fire stopping, caulking, and sealants where Trade Contractor's work penetrates walls and/or finishes. Where exposed to public view, provide escutcheon over sealant for finish appearance.
15. Provide all core drilling as necessary for installation of Fire Sprinkler System.
16. Provide all necessary maintenance access doors as required in hard-lid ceilings and walls for the Fire Sprinkler System.
17. Systems draining locations to be coordinated with Architect and Owner prior to installation.
18. Provide code signage and labelling associated with Fire Sprinkler System.
19. Stamped set of drawings required from BP-21.1 Trade Contractor by licensed design engineer within the State of Washington.
20. Compliance with the joist loading requirements shown in plans. Required Loads exceeding those allowed per structural drawings for joists must be provided for coordination within 15 days of receipt of Award.

C. Exclusions:

1. None.

2.16 BID PACKAGE BP-22.1 – MECHANICAL

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
07 84 00	Firestopping	As Applicable
07 92 00	Joint Sealants	As Applicable
Div 22	Plumbing	Complete
Div 23	HVAC	Complete
31 20 00	Earth Moving	As Applicable

B. Highlighted Inclusions:

1. This Bid Package is for all Division 22 and 23 plumbing and HVAC scope of work for the project.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
5. Minimum Staffing Requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
6. Trade Contractor to provide BIM coordination and detailing services for the Project with integration into the Project 3D Model as stipulated in Section 002410 – General Scope of Work.
7. The sequence of all Work shall be coordinated and integrated amongst all Trade Contractors in order to meet the overall dates listed in the Schedule. This will require full cooperation and coordination from multiple Trade Contractors involved in the Work. In General, the Work shall be executed in order to achieve the most expeditious installation sequence with priority for safety, quality and production.
8. Allow access and sufficient/reasonable time for others for installation of their Work that is integral with this Trade Contractor's Work.
9. Includes coordination with the Mechanical and Electrical Trade Contractors for a complete and coordinated installation. This Trade Contractor is required to participate in the GCCM's MEP Coordination process. The intent of this process is to jointly coordinate all MEP systems to ensure all systems routed within the

- annular ceiling space are routed to accommodate all system's requirements. The focus will be to ensure that when installation occurs, there are limited conflicts.
10. Pulling and payment of all permits, inspections and testing for Trade Contractors scope of work, as required by Authority Having Jurisdiction (AHJ).
 11. If this Trade Contractor will require any structural steel penetrations as a result of the MEP Coordination Process, these penetrations are required to be communicated to the Steel Fabricator in advance of steel shop drawings being finalized.
 12. Provide all underground Work for the scope of this agreement including, but not limited to, plumbing, waste, vent, duct work, grease interceptor to 5ft outside of building foundation.
 13. Trenching & Backfill Work for BP-22.1 Mechanical Trade Contractor: BP-32.1 Trade Contractor will provide excavation, trenching and backfill for underground plumbing, mechanical and HVAC Work complete. The scope of the underground plumbing, mechanical and HVAC Work is depicted on drawings M1.01, M3.01 and M4.01. BP-22.1 Trade Contractor will layout locations of trenches in the field with upside-down paint and provide a field hand for grade checking. The BP-32.1 and BP-22.1 trade contractors shall closely coordinate in order to execute the work in the most reasonable quantities to allow the work to be accomplished in a steady and efficient fashion and also minimize the amount of trench that is left open for more than 48 hours. BP-32.1 Trade Contractor understands that the BP-22.1 Trade Contractor will be installing pipe, ducts and accessories in trenches provided by the BP-32.1 Trade Contractor and that all Work must be inspected and approved by the AHJ Inspector prior to backfill which will ultimately dictate how much trench can be opened up in any single time period. BP-32.1 Trade Contractor is responsible for all backfill requirements including concrete encasement, tracer tape and specific import materials for pipe bedding and shading.
 14. Provide cut, cap and make-safe of existing as required for demolition.
 15. BP-22.1 Trade Contractor is responsible for demolition of all mechanical and plumbing in the existing boiler room.
 16. Fire stopping, safing, caulking and sealants associated with Trade Contractor's Work. Maintain the fire or sound rating of the surface being penetrated.
 17. Adhere to acoustical construction requirements at sound rated conditions.
 18. Provide pour watch for all concrete pours touching Trade Contractor's Work.
 19. Provide all floor block-outs, sleeves and/or core drills including cutting out steel decking as required for Trade Contractor's work.
 20. Subcontractor shall furnish and install all supports, support steel, embeds, structural attachments, vibration isolation materials/equipment, seismic restraints, etc. to support all systems for this scope of work in accordance with the contract documents. This includes any miscellaneous steel items that may be required to adequately attach to structural members or concrete shown on the contract drawings. The only structural framework provided by others is that shown and indicated on the structural drawings.
 21. BP-22.1 Trade Contractor shall provide blockouts and cutting out steel decking for all penetrations including floor diffusers in the concert hall floor.
 22. Expedited procurement of equipment in basement. This equipment must be set prior to start of structural steel erection on 10/1/2020.
 23. Provide premanufactured roof curbs for rooftop equipment.
 24. Provide all motors, starters, disconnects, wiring or other devices for Mechanical Equipment which are not specifically identified to be furnished by the Electrical

Contractor (ECCM). Mechanical equipment provided by Trade Contractor BP-22.1 shall be factory installed for single point connection by ECCM.

25. Furnish and Install all sets of filters as shown in the specifications.
26. Provide all Testing, Adjusting and Balancing for Trade Contractor's Work.
27. Provide piping and connections necessary for temporary gas to GC/CM's Temporary Heaters.
28. Provide Misc. Metal Fabrications and Perforated Metal at ductwork per details 8, 9, 10, 11, 23, 27 on A4.44.
29. Coordinate and provide layout for any penetrations through walls ahead of work starting.
30. Provide ducting, terminations and final connections to kitchen hoods that are furnished and installed by others.
31. Provide access doors needed for access to all work installed by BP-22.1 Trade Contractor.
32. Size all equipment with shipping splits to fit within existing building openings.
33. Trade Contractor shall include a \$25,000 allowance in its base bid as a Force Account allowance. Reference Section 002410 – General Scope of Work.

C. Exclusions:

1. Fire Protection.

2.17 BID PACKAGE BP-31.1 – SITE DEVELOPMENT

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
26 0500	Common Work Results for Electrical, Communications and Electronic Safety and Security	As Applicable, Electrical Trenching
26 0543	Underground Electrical Conduit and Boxes	As Applicable, Electrical Trenching
26 5600	Exterior Lighting	As Applicable, Electrical Trenching
31 10 00	Site Clearing & Site Demolition	Complete
31 20 00	Earth Moving	Complete
32 12 16	Asphalt Concrete Paving	Complete
32 13 13	Concrete Paving, Curbs, and Walks	Complete
32 17 23	Pavement Markings	Complete
32 80 00	Irrigation	Sleeving - Complete
33 11 00	Water Distribution	Complete
33 31 00	Sanitary Sewer	Complete
33 41 00	Storm Drainage	Complete
33 46 13	Foundation Drainage	Complete

B. Highlighted Inclusions:

1. This Bid Package is for all Site Development work including but not limited to earthwork, site clearing/demolition, TESC, storm utilities, sewer utilities, water utilities, hardscapes, geothermal, etc. for full site development of the Project.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. Minimum Staffing Requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, non-working with tools, Superintendent who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM.
5. During periods of on-site activity during summer months (June – September), this Trade Contractor shall have a full-time on-site, non-working with tools, Project Manager or Project Engineer with primary responsibility of managing the administrative requirements of the project (submittals, RFI's, pay requests, etc.).

6. To the largest degree practical, Trade Contractor shall implement LEAN principles.
7. The sequence of all Work shall be coordinated and integrated amongst all Trade Contractors in order to meet the overall dates listed in the Schedule. This will require full cooperation and coordination from multiple Trade Contractors involved in the Work. In General, the Work shall be executed in order to achieve the most expeditious installation sequence with priority for safety, quality and production.
8. Allow access and sufficient/reasonable time for others for installation of their Work that is integral with this Trade Contractor's Work.
9. Provide construction water including usage fees for this Trade Contractor's Work including hydrant meter, fittings and appurtenances needed for its work. This supersedes section 002410, paragraph E. Coordinate requirements for accessing, metering and providing water with Alderwood Water District.
10. Provide (2) hose bib connections each major phase within 50 feet of the new building at locations directed by GCCM capable of connecting a standard garden hose. This includes any temporary piping, fittings, etc. Piping shall be buried where it crosses roadways or entrances.
11. Provide all survey/staking/layout for the Work of this package. The full extent of GC/CM provides survey will be four control points on-site.
12. Provide detailed as-built drawings in accordance with the Contract Documents, City, County and Water/Sewer District requirements. Final property survey will be provided by Others.
13. Provide all traffic control and flagging for work of this package. This includes traffic control plan preparation, submittal and permit fees for work in the Right of Way and construction areas.
14. Provide steel plates where utility work is ongoing within public areas and flaggers are not present. This includes uninterrupted access to the perimeter road around the building and as needed to accomplish uninterrupted jobsite access.
15. Site security fencing will be installed by the GC/CM. This Trade Contractor is responsible to remove, adjust and replace fencing as needed to execute the work.
16. Tree protection fencing will be installed by the GC/CM. This Trade Contractor is responsible to remove, adjust and replace fencing as needed to execute the work. For work within designated tree protection areas, Trade Contractor shall provide mulch, plates or other required measures.
17. Install, maintain and remove all temporary erosion and sediment control measures (including temporary sediment tanks) indicated and/or required in the Contract Documents. Trade Contractor shall provide a Certified Erosion and Sediment Control Lead (CESCL) for the full duration of the project; including periods of inactivity by Trade Contractor. The GCCM will provide temporary power within 100' pump locations. This Trade Contractor shall provide any needed extension cords to support TESC measures. Transfer the Construction Storm Water General Permit into Trade Contractor's name in accordance with Washington State Department of Ecology requirements.
18. Bid Package 31.1 Trade Contractor shall provide the means to properly treat turbid water including the use of ponds, pumps, infiltration and/or other measures needed for lawful discharge into the storm system.
19. Provide all clearing, grubbing and site demolition.
20. SITE ARMORING & TEMPORARY SURFACES: Sheets C2.03 and C2.04 identify the scope of temporary all weather construction surfaces that will be used for construction access, staging, offices and parking over the course of the Project's construction time-line. Provide all surfaces indicated. The finish elevation of these surfaces is intended to be the compacted subgrade elevation for the final surface

composition that will be installed later on top of the permeable gravel surfaces. (For example, above the permeable gravel surfacing will be the specified thickness of CSBC, CSTC, Capillary Break, concrete, asphalt, topsoil or other material(s) as indicated in the 'S' 'C' and 'L' plan sheets). The permeable gravel is not a substitution for any of the final surface composition. Note, where armoring is shown in landscape areas it shall be installed over the top of design subgrade and removed by the Bid Package 31.1 Trade Contractor prior to the start of landscaping activities.

21. USE OF NATIVE MATERIAL: Trade Contractor acknowledges that there are varying levels of unsuitable materials as described in the soils report and associated boring information. Native material deemed suitable per Section 312000 may be used for common and/or structural fill EXCEPT as follows: Structural fill below the building footprint within 2ft of subgrade shall be imported structural fill.
22. UNANTICIPATED OVER EXCAVATION AND BACKFILL: Trade Contractor shall excavate to the bottom of subgrade elevations shown in the Contract Documents. Material below design subgrade elevations that are deemed unsuitable by Owners geotechnical engineer shall be over excavated and backfilled at the direction of the Owners geotechnical engineer. Trade Contractor and Owners geotechnical engineer shall agree to the bank cubic yard measurement for excavation and backfill quantities at the time the work is performed. Agreed to quantities shall be documented in the geotechnical engineers field report. Trade Contractor is to include 1,000bcy of over excavation and backfill beneath foundations in the UP Bid Section on the Bid. Trade Contractor will be compensated in accordance with 004322 – Schedule of Unit Prices (Reference UP-1 & UP-2).
23. Trade Contractor is responsible to use best practices and methods appropriate for the type of conditions and materials indicated in the soils report and found in the field. Trade Contractor will not be compensated for native materials that become unsuitable due to the lack of proper protection and/or treatment.
24. Excavation & Backfill for Building & Site Foundations: Provide structural excavation and backfill within the building footprint and covered play area, site retaining walls, site planter walls, and site seat walls, including layout of footing excavations and a grade checker during performance of the work. Size of excavation requirement shall be 18" inches beyond edge of concrete to allow access for forming and stripping of concrete. Trade Contractor shall provide for 100% import structural fill for foundation excavation backfill. Stockpiling material within the confines of the building pad and 10ft around the building pad is prohibited.
25. Provide capillary break material below slabs at slab on grade locations. Trade Contractor shall utilize a telebelt to place capillary break material at all locations. Trade Contractor acknowledges that electrical conduits will be installed upon the subgrade prior to installation of capillary break.
26. Provide rockeries including subgrade preparation, drainage and backfill.
27. Restore areas disturbed by excavation activities.
28. Provide all water, sewer, and storm utilities complete, including but not limited to french drains, footing drains, infiltration trenches, and trench drains in concrete. Piping shall terminate within three feet of the building exterior. Trade Contractor shall provide all final connections and associated testing.
29. Concrete thrust blocks.
30. Provide lid adjustment and patching for all utilities within this package after paving.

31. Provide new fire supply service line into buildings and terminate at finish floor where it turns up into building with bolt flange. Coordinate with Fire Sprinkler Trade Contractor for precise location to stub up.
32. Provide connection from downspouts to transition below grade.
33. Provide all grading and subgrade preparation including associated crushed surface base course, top course, etc... at site concrete sidewalks, curbs, walls, stairs, etc....
34. Provide pavement markings, concrete wheel stops and site signage. This includes temporary striping at the temporary parking lot.
35. Provide irrigation sleeving. Mark ends of all sleeves with a 2x4 marker sticking above grade painted white.
36. Provide onsite trenching and backfill for SNOPUD natural gas line from the property line to the meter location, including vault excavation. Trench excavation and backfill shall be performed in accordance with SNOPUD requirements and shall be a minimum of 18" wide x 42" deep and shall include a minimum of 10" of sand shading. Coordinate with SNOPUD for their installation of the gas line, or provide a sleeve for SNOPUD in proper type and size of sleeve pipe (Assumed 6in for bidding purposes).
37. Trenching & Backfill Work for BP-22.1 Mechanical Trade Contractor: Provide excavation, trenching and backfill for underground plumbing, mechanical and HVAC Work complete. The scope of the underground plumbing, mechanical and HVAC Work is depicted on drawings M1.01, M3.01 and M4.01. BP-22.1 Trade Contractor will layout locations of trenches in the field with upside-down paint and provide a field hand for grade checking. The BP-32.1 and BP-22.1 trade contractors shall closely coordinate in order to execute the work in the most reasonable quantities to allow the work to be accomplished in a steady and efficient fashion and also minimize the amount of trench that is left open for more than 48 hours. BP-32.1 Trade Contractor understands that the BP-22.1 Trade Contractor will be installing pipe, ducts and accessories in trenches provided by the BP-32.1 Trade Contractor and that all Work must be inspected and approved by the AHJ Inspector prior to backfill which will ultimately dictate how much trench can be opened up in any single time period. BP-32.1 Trade Contractor is responsible for all backfill requirements including concrete encasement, tracer tape and specific import materials for pipe bedding and shading.
38. Trenching & Backfill Work for Others: Provide excavation, trenching and backfill for underground electrical Work complete including augured holes for Light Pole Bases. The scope of the underground electrical Work is depicted on drawings E1.01, IL1 and IL2. Typical trench size and backfill requirements are depicted in details on drawings. Additional requirements for trenching and backfill Work are specified in Section 26 0543. The Electrical Trade Contractor (ETC) will layout locations of trenches in the field with upside-down paint. The Site Development Contractor (SDTC) shall layout the ETC's vaults using its survey to ensure lids are set to proper grade and alignment. The SDTC and ETC shall closely coordinate in order to execute the work in the most reasonable quantities to allow the work to be accomplished in a steady and efficient fashion and also minimize the amount of trench that is left open for more than 48 hours. SDTC understands that the ETC will be installing conduit in trenches provided by the SDTC and that all Work must be inspected and approved by the State Electrical Inspector prior to backfill which will ultimately dictate how much trench can be opened up in any single time period. Where providing the minimum electrical trench depths indicated in the details will create a conflict with another utility or structural element, the SDTC is responsible

to lower the electrical trench grade as necessary to alleviate the conflict. SDTC is responsible for all backfill requirements including concrete encasement, tracer tape and specific import materials for pipe bedding and shading. SDTC shall provide above work in the following quantities by trench type (minor variation in actual trench size requirements due to separation and coverage requirements should be anticipated):

1. 2,100 LF - 12"w x 30"d trench
 2. 1,100 LF - 24"w x 40"d trench
 3. Includes Augering of Light Pole bases in the quantity indicated in the drawings.
39. Note: The trenching and backfill work is accounted for via Unit Prices on the Bid Form and not in the Base Bid amount. If actual quantities vary up or down, adjustment will be made via change order at the unit prices provide on the bid form. Payment will be made in accordance with Sections 00 4322 – Schedule of Unit Prices and 01 2200 – Unit Prices.
40. Trade Contractor acknowledges that there is a permit condition requirement for the fire loop and hydrant system to be charged and available prior to start of combustible construction activities. This Trade Contractor shall execute the Work in order to comply with this requirement.
41. Excavation and backfill for bollards, Flagpoles and vehicle gates.
42. Provide any ROW disturbance permits for work taking place in public ROW.
43. Concrete Work: Provide all site concrete work (sidewalks, pavement, curbs, stairs, stair cheek walls, etc...) except as specifically stated in Section C Exclusions. This includes all grading and subgrade preparation including associated crushed surface base course, top course, etc.
44. Asphalt Work: Provide flexible and pervious asphalt including grading and subgrade preparation (crushed surface base course, top course, etc...). This includes patching where shown on the Contract Documents and/or resulting from Trade Contractors Work. Includes all asphalt restoration for offsite utilities as shown in the documents and grind/overlay on Maltby Road as is depicted in the contract documents.
45. Trade Contractor acknowledges that paving sections shown with ATB will be paved in multiple mobilizations. The ATB layer will be installed during the first year of the project and will be utilized as construction access, staging and laydown. The final asphalt lift will be installed in the final year of the project. Trade contractor shall provide all necessary cleaning and patching of ATB surfaces as required prior to the final lift being installed.
46. Provide, pavement markings, concrete wheel stops and site signage.
47. Provide gravel roads shown on the "C" and "R" drawings. (Gravel pedestrian paths and gravel drip edge is by Others).
48. Trade Contractor shall include a \$50,000 allowance in its base bid as a Force Account allowance. Reference Section 002410-2.1.E.

C. Exclusions:

1. Cast-In-Place Building Concrete.
2. Cast-In-Place Retaining Walls.
3. Permanent landscaping and site specialties.
4. Temporary Construction Fencing.

2.18 BID PACKAGE BP-32.1 – LANDSCAPE & IRRIGATION

- A. This Trade Contractor shall have primary responsibility for the following specification sections, but shall also coordinate their work with all other Sections in order to provide a complete and coordinated installation.

Section	Description	Scope
Div 00	Procurement and Contracting Requirements	As Applicable
Div 01	General Requirements	As Applicable
32 80 00	Irrigation	Complete
32 90 00	Planting	Complete

B. Highlighted Inclusions:

1. This Bid Package is intended to include all scope of work for the Project associated with landscaping and irrigation in all areas onsite and offsite development.
2. Furnish a Payment and Performance Bond per section 002113 – Instructions to Bidders.
3. Time is of the essence, Trade Contractor acknowledges the aggressive schedule requirements, complexity and size of the project and by bidding this project is confirming its qualifications, experience and expertise to execute the Work and that it has the resources to complete the Work within the timeframes allowed (reference section 003113 – Construction Scheduling).
4. On site staffing requirements: During periods of on-site activity, this Trade Contractor shall have a full-time, on-site, representative who has full authority to make decisions for Trade Contractor regarding cost, quality control and schedule issues and capable of coordinating with other Trade Contractors and the GC/CM. Trade Contractor shall also provide other staff as needed to support the work of this Agreement.
5. Provide all hoisting and access equipment needed for Trade Contractors work. NOTE: The GC/CM forklift will only be made available for limited use for deliveries coordinated with the GC/CM.
6. To the largest degree practical, Trade Contractor shall prefabricate and assemble materials off-site using LEAN principles.
7. Trade Contractor acknowledges that it has read the soils report and understands the existing soils that will be encountered during soil preparation activities. See the soils report for more specific information.
8. Crushed rock pathways (including edging materials, if required).
9. Provide irrigation coverage testing.
10. The project's perimeter site security fencing will be installed by the GC/CM. BP-32.1 is responsible to remove, adjust and replace fencing as needed to execute its Work.
11. Tree protection fencing has been installed by the GC/CM. BP-32.1 Trade Contractor is responsible to remove, adjust and replace fencing as needed to execute the Work. For work within designated tree protection areas, Trade Contractor shall provide mulch, plates or other required measures to comply with the specified requirements.
12. BP-32.1 Trade Contractor shall protect adjacent surfaces during work of this package.

13. BP-32.1 Trade Contractor shall pressure wash finish concrete and asphalt surfaces affected by work of this bid package upon completion of work.
14. Provide a Force Account Allowance of \$5,000 for Work not included in this Bid Package but determined by the GCCM to be best performed by this Trade Contractor.

C. Exclusions:

1. Line voltage power connections.

END OF SECTION 00 2413

INGLEMOOR HIGH SCHOOL CONCERT HALL
Bid Package - Specification Matrix
April 22, 2020



FI = FURNISH & INSTALL
F = FURNISH
I = INSTALL
P = PARTIAL (SEE SCOPE)

SPEC #	DESCRIPTION	BP-03.1	BP-05.1	BP-06.1	BP-07.1	BP-07.2	BP-08.1	BP-08.2	BP-09.1	BP-09.2	BP-09.3	BP-09.4	BP-09.5	BP-10.1	BP-14.1	BP-21.1	BP-22.1	ECCM	BP-31.1	BP-32.1	COMMENTS
024119	Selective Demolition	P														P	P	P			
026000	Contaminated Soil Management (PBS)																		FI		
033000	Cast-in-Place Concrete	FI																			
033543	Special Concrete Floor Finish	FI																			
034500	Precast Architectural Concrete	FI																			
051200	Structural Steel Framing		FI																		
051213	Architecturally Exposed Structural Steel Framing		FI																		
052100	Steel Joist Framing		FI																		
053100	Steel Decking		FI																		
054000	Cold-Formed Metal Framing								FI												
055000	Metal Fabrications		FI																		
061000	Rough Carpentry			P	P				P					P							
061600	Sheathing								FI												
062023	Interior Finish Carpentry			FI																	
064219	Plastic-Laminate-Faced Wood Paneling			FI																	
071113	Bituminous Dampproofing	FI																			
071700	Bentonite Waterproofing	FI																			
071900	Water Repellents												FI								
072100	Thermal Insulation	P			P	P			P												
072500	Weather Barriers				FI																
074213	Metal Wall Panels			FI																	
074214	Metal Composite Material Wall Panels				FI																
074633	Composite Resin Panels				FI																
074646	Fiber-Cement Siding								FI												
075419	Single-Ply Membrane Roofing					FI															
076200	Sheet Metal Flashing and Trim				FI	P															
078413	Penetration Firestopping								P							P	P	P			
079200	Joint Sealants	P		P	P	P	P	P	P	P	P	P	P	P		P	P	P	P		
079500	Expansion Control				P									P							
081113	Hollow Metal Doors and Frames							FI	P												
081114	Custom Hollow Metal Doors and Frames							FI	P												
081416	Flush Wood Doors							FI													
083113	Access Doors and Frames							FI						FI							
083473	Sound Control Door Assemblies							FI													
084113	Aluminum-Framed Entrances and Storefronts						FI														
084413	Glazed Aluminum Curtain Walls						FI														
085113	Aluminum Windows						FI														
087100	Door Hardware							FI													
087113	Automatic Door Operators							FI													
088000	Glazing						FI														
089119	Fixed Louvers				FI																
092116	Gypsum Shaft Wall Assemblies								FI												
092118	Acoustical Wall Construction								FI												
092216	Non-Structural Metal Framing								FI												
092900	Gypsum Board								FI												
093013	Ceramic Tiling											FI									
095113	Acoustical Panel Ceilings									FI											
095426	Suspended Wood Ceilings									FI											
096513	Resilient Base and Accessories										FI										

INGLEMOOR HIGH SCHOOL CONCERT HALL
Bid Package - Specification Matrix
April 22, 2020



FI = FURNISH & INSTALL
F = FURNISH
I = INSTALL
P = PARTIAL (SEE SCOPE)

SPEC #	DESCRIPTION	BP-03.1	BP-05.1	BP-06.1	BP-07.1	BP-07.2	BP-08.1	BP-08.2	BP-09.1	BP-09.2	BP-09.3	BP-09.4	BP-09.5	BP-10.1	BP-14.1	BP-21.1	BP-22.1	ECCM	BP-31.1	BP-32.1	COMMENTS
096519	Resilient Tile Flooring										FI										
096551	Performing Arts Specialty Floors													FI							
096816	Sheet Carpeting										FI										
097200	Wall Coverings												FI								
097700	Sanitary Wall Panels													FI							
098400	One-Dimensional Diffuser			FI																	
098433	Acoustical Wall Panels									FI											
099113	Exterior Painting													FI							
099123	Interior Painting													FI							
101100	Visual Display Units													FI							
101200	Display Case			FI																	
101423	Signage													FI							
102113	Toilet Compartments													FI							
102123	Cubicle Curtains and Track													FI							
102600	Corner Guards													FI							
102800	Toilet, Bath, and Custodial Accessories													FI							
104413	Fire Protection Cabinets													FI							
109000	Miscellaneous Specialties													FI							
116171	Production Lighting Fixtures - Theatre (PLA)																FI				
116623	Gymnasium Equipment													FI							
122113	Horizontal Louver Blinds													FI							
122413	Roller Window Shades													FI							
123550	Casework			FI																	
126113	Fixed Audience Seating (PLA)													FI							
142400	Hydraulic Elevators														FI						
210000	Fire Suppression Work Specified in Division 23															FI					
210800	Automatic Fire Suppression Systems															FI					
DIV 22	PLUMBING																FI				
DIV 23	HVAC																FI				
DIV 26	ELECTRICAL																	FI			
DIV 27	COMMUNICATIONS																	FI			
DIV 28	ELECTRONIC SAFETY AND SECURITY																	FI			
311000	Site Clearing and Site Demolition																		FI		
312000	Earth Moving																P		FI		
312500	Erosion and Sediment Control																		FI		
321216	Asphalt Concrete Paving																		FI		
321313	Concrete Paving, Curbs, and Walks																		FI		
321723	Pavement Markings																		FI		
323000	Site Improvements													FI							
323113	Chain Link Fences & Gates													FI							
328000	Irrigation																			FI	
329000	Planting																			FI	
331100	Water Distribution																		FI		
333100	Sanitary Sewer																		FI		
334100	Storm Drainage																		FI		
334613	Foundation Drainage																		FI		

SECTION 00 3000 Information Available to Bidders

PART 1 - GENERAL

1.1 SUMMARY

- A. This section contains information available for review for the bidders as attached following this Section.

1.2 INFORMATION AVAILABLE

- A. Geotechnical Report
 - 1. *Subsurface Exploration, Geologic Hazards, and Preliminary Geotechnical Engineering Report, Inglemoor High School Concert Hall and Music Building, Kenmore, Washington; Dated February 25, 2019.*
 - a. Report follows this Section.
 - 2. Review of information by Contractor.
 - a. The Contractor shall note information on existing soils and their sensitivity to moisture. The Contractor shall note any existing information or unknown or partially known subsurface materials that may be present at the site.
 - b. Surveys and reports on subsurface conditions are not intended as representation or warranties of accuracy or continuity between soil borings. It is expressly understood that the Owner will not be responsible for interpretations or conclusions drawn therefrom by the Contractor. Data is made available for the convenience of the Contractor.

SECTION 00 4113 – BID FORM

**CORNERSTONE GENERAL CONTRACTOR'S, INC
GENERAL CONTRACTOR/CONSTRUCTION MANAGER (GC/CM)
11805 NORTH CREEK PARKWAY SOUTH, SUITE #115
BOTHELL, WA 98011**

FOR BID PACKAGE BP-03.1, BP-05.1, BP-08.2 & BP-10.1 BIDS SHALL BE SUBMITTED BY EMAIL TO:

Ashley Clericus, aclericus@nsd.org
Northshore School District No. 417
22105 23rd Dr. SE
Bothell, WA 98021

BID DATE/TIME: 5/11/20 @ 3:00 pm

FOR ALL OTHER BID PACKAGES BIDS SHALL BE HAND DELIVERED TO:

Cornerstone General Contractors, Inc.
11805 North Creek Pkwy S, Ste #115
Bothell, WA 98011

BID DATE/TIME: 5/12/20 @ 2:00 pm

PLEASE NOTE:

Certain Bid Packages allow submitting a 'Combined Bid' for multiple Bid Packages on one Bid Form (reference Section 002113 Instructions to Bidders and Section 002413 Specific Scope of Work). Bidders who elect to submit a 'Combined Bid' must write ALL the Bid Package Title numbers on the first line of the Bid Form and submit one Base Bid number that includes the total bid for all Bid Packages listed.

Bidders who submit a 'Combined Bid' may also submit an 'Individual Bid' for each Bid Package at their discretion. Bidders submitting both 'Combined' and 'Individual' bids must fill out separate Bid Forms for each, but may submit them within the same envelope or different envelopes at their discretion. If submitted in the same envelope, one Bid Bond for the highest amount is acceptable. If submitted in different envelopes then each bid must be accompanied with a separate Bid Bond.

The lowest responsive bid will be determined based upon the lowest combination of individual or combined bids for the affected Bid Packages.

PART 1 BASE BID

The following represents the Cost to perform the Base Bid Work described in the Contract Documents. The Base Bid Amount **DOES NOT INCLUDE** Unit Price allowances in Part 2 of this Bid Form. **The Base Bid Amount will be added to the Total Unit Price Allowance, plus selected Bid Items (if any) to determine the low bidder.**

BID PACKAGE No:

(write applicable Bid Package here)

NAME OF FIRM:

(write in name of bidding firm here)

In compliance with the contract documents, the following bid proposal is submitted:

BASE BID AMOUNT:

\$

(including
Payment/Performance Bond,
and Trench Excavation Safety
provisions)

(do not include Washington State Sales Tax)

(please print dollar amount in words in the space above))

TRENCH EXCAVATION SAFETY PROVISIONS

\$

If the base bid amount contains any work which requires trenching exceeding a depth of four feet, **all costs for trench safety shall be included in the Base Bid** for adequate trench safety systems in compliance with Chapter 39.04 RCW, 49.17 RCW and WAC 296-155-650. Bidder must include a lump sum dollar amount in the blank above (even if the value is \$0.00) to be responsive.

PART 2 UNIT PRICE ALLOWANCE

If there are any Unit Prices that relate to the Bid Package that your firm is submitting a bid on, enter them in the spaces provided below. Reference Section 004322 – Schedule of Unit Prices for additional information. Extend all Unit prices by the stipulated quantities given below. Extended Unit Prices shall not be including in the Base Bid Amount. **Extended Unit Prices shall NOT BE INCLUDED in the Base Bid Amount. Do not include Washington State Sales tax in unit prices.**

Unit Price	Description	QTY	Unit Price	Extended Amount
UP-1	Over Excavation & Disposal of Unsuitable Soil: Excavate, remove, haul and dispose of unsuitable soil as directed by Owner's geotechnical representative. Reference Section	1,000 BCY	\$	\$

	312000- Earth Moving. This unit price applies to excavation directed by the geotechnical representative that are below existing subgrade elevations. BP-31.1			
UP-2	Imported Structural Fill: Import and place Structural Fill per Section 312000 – Earth Moving. This unit price applies to areas of unanticipated over excavation (UP-1). BP-31.1	1,000 BCY	\$	\$
UP-3	Over Excavation & Disposal of Contaminated Soil: Excavate, remove, haul and dispose of unsuitable soil as directed by Owner's geotechnical representative. Reference Section 026000 – Contaminated Soil Removal. This unit price applies to excavation directed by the geotechnical representative that are below existing subgrade elevations.	100 BCY	\$	\$
UP-4	Utility Trench Backfill Geotextile Fabric: Provide geotextile fabric at utility trench over excavations as directed by Owner's geotechnical engineer. Reference Section 31200 – Earth Moving.	1,000 SF	\$	\$
UP-5	Electrical Trenching – 12"w x 30"d (Includes Excavation, Bedding, Backfill & Spoil removal)	2,100 LF	\$	\$
UP-6	Electrical Trenching – 24"w x 40"d (Includes Excavation, Bedding, Backfill & Spoil removal)	1,100 LF	\$	\$
Total Extended Unit Prices:				\$

PART 3 TOTAL BID EVALUATION AMOUNT	
A. PART 1 – BASE BID AMOUNT	\$
B. PART 2 – TOTAL UNIT PRICE ALLOWANCE	\$
C. PART 3 – TOTAL BID EVALUATION (A+B)	\$

The Total Bid Evaluation Amount will be added to selected additive or deductive Bid Items (if any) to determine the low bidder.

PART 4 ADDITIVE & DEDUCTIVE BID ITEMS

If there are any Bid Items that relate to the Bid Package your firm is submitting on, enter them in the spaces provided below. Selected Bid Items will be added/deducted to the base bid for purposes of determining low bidder. Reference Sections 004323 – Schedule of Bid Items and 012300 Alternates for additional information.

Bid Item	Description	Bid Package	Amount
1a	GENERATOR REPLACEMENT: Replace existing 35 KW natural gas generator with propane backup with new 125 KW diesel generator with basetank and extend to new building. Provide new Manual Transfer Switch with Camlocs. See Section 263323.	BP-22.1, ECCM, BP-31.1, BP-32.1	\$
1b	GENERATOR REPLACEMENT: Replace existing 35 KW natural gas generator with propane backup with new 125 KW natural gas generator with propane backup and extend to new building. Provide new Manual Transfer Switch with Camlocs. Alternate price shall include increased natural gas pipe size and propane tank for 90-minute backup. See Section 263323.	BP-22.1, ECCM, BP-31.1, BP-32.1	\$
2	COOLING COIL: Cooling Coils provided within all AHU equipment per schedule on M0.06.	BP-22.1	
3a	THEATER SEATING BY IRWIN: State the amount to provide and install Irwin seating as specified in Section 126113 "Fixed Audience Seating".	BP-10.1	
3b	THEATER SEATING BY HUSSEY: State the amount to provide and install Hussey seating as specified in Section 126113 "Fixed Audience Seating".	BP-10.1	

RECEIPT OF ADDENDA

Receipt of the following addenda is acknowledged.

Addenda. _____

BID BOND

A bid bond must be included for all bid amounts in excess or equal to \$300,000.00.

APPRENTICESHIP REQUIREMENTS

The apprentice labor hours required for this project are 15% of the total labor hours. The undersigned agrees to utilize this level of participation.

LIQUIDATED DAMAGES

Bidder has familiarized themselves with the schedule requirements dictated in the contract documents. It is understood that liquidated damages in the amount of **\$3,000 (Three Thousand Dollars)** may be assessed for each consecutive calendar day the completion of the project exceeds the specified Substantial Completion date and/or Completion Date established for this Bid Package (whichever comes first) and **\$1,000 (One Thousand Dollars)** for each consecutive calendar day beyond Final Completion as defined in section 007200 – General Conditions. Liquidated damages shall be deducted from the contract by change order.

INTENT AND AFFIDAVIT OF WAGES PAID

In compliance with 296-127 WAC the Contractor shall pay all fees associated with the Intent and Affidavit of Wages Paid to the Department of Labor and Industries. These costs are included in the bid.

Name of Firm: _____
NOTE: *If bidder is a corporation, write State of Incorporation; if a partnership, give full names and addresses of all parties below.*

Signed By: _____, Official Capacity _____

Print Name _____ e-mail Address _____

Address _____

City _____ State _____ Zip Code _____

Date _____ Telephone _____ Fax _____

State of Washington Contractor's License No. _____

Federal Tax Identification Number _____

UBI Number _____

END OF SECTION 00 4113

DATE: April 22, 2017

PROJECT NAME: INGLEMOOR HIGH SCHOOL CONCERT HALL + MUSIC BUILDING

GC/CM: Cornerstone General Contractors, Inc
11805 North Creek Parkway South, Ste #115
Bothell, WA 98011
(425)481-7460

ARCHITECT: Hutteball + Oremus Architecture, Inc.
4010 Lake Washington Blvd, Suite 320
Kirkland, WA 98033
(425) 828-8948

BID DATE, TIME & LOCATION:

For the following bid packages, sealed bids must be submitted by email to Ashley Clericus (aclericus@nsd.org), Northshore School District No. 417, at time and dates listed below.

BID PACKAGE		BUDGET	BID DATE/TIME
BP-03.1	Building Concrete	\$ 2,260,000	May 11, 2020 / 3:00PM
BP-05.1	Steel Fab/Erect	\$ 2,280,000	May 11, 2020 / 3:00PM
BP-08.2	Openings	\$ 490,000	May 11, 2020 / 3:00PM
BP-10.1	Construction Specialties	\$ 600,000	May 11, 2020 / 3:00PM

IT IS THE INTENT OF CORNERSTONE GENERAL CONTRACTORS, INC. TO BID ON BID PACKAGES BP-03.1, BP-05.1, BP-08.2 AND BP-10.1 AS A TRADE CONTRACTOR. FOR THIS REASON, THE OWNER WILL EXCLUSIVELY MANAGE THE BIDDING PROCESS FOR THESE BID PACKAGES.

For the following bid packages, sealed bids must be received at Cornerstone General Contractors, Inc. offices, located at 11805 N. Creek Pkwy S, Suite #115, Bothell, WA 98011 at time and dates listed below

BID PACKAGE		BUDGET	BID DATE/TIME
BP-06.0	Casework & Finish Carpentry	\$ 760,000	May 12, 2020 / 2:00PM
BP-07.1	Metal Panels, Siding & Flashings	\$ 1,590,000	May 12, 2020 / 2:00PM
BP-07.2	Thermoplastic Membrane Roofing	\$ 420,000	May 12, 2020 / 2:00PM
BP-08.1	Aluminum Window Systems & Glass	\$ 680,000	May 12, 2020 / 2:00PM
BP-09.1	Framing & GWB	\$ 2,470,000	May 12, 2020 / 2:00PM
BP-09.2	Acoustical Ceilings and Treatments	\$ 360,000	May 12, 2020 / 2:00PM
BP-09.3	Carpet & Resilient	\$ 180,000	May 12, 2020 / 2:00PM

BP-09.4	Tiling	\$ 150,000	May 12, 2020 / 2:00PM
BP-09.5	Painting, Coatings & Sealants	\$ 190,000	May 12, 2020 / 2:00PM
BP-14.1	Elevators	\$ 90,000	May 12, 2020 / 2:00PM
BP-21.1	Fire Sprinklers	\$ 270,000	May 12, 2020 / 2:00PM
BP-22.1	Mechanical	\$ 2,610,000	May 12, 2020 / 2:00PM
BP-31.1	Site Development	\$ 3,160,000	TBD
BP-32.1	Landscape & Irrigation	\$ 250,000	May 12, 2020 / 2:00PM

TO ALL PLAN HOLDERS:

This addendum modifies or interprets (by addition, deletion, clarification or correction) and takes precedence over previously issued Bidding and Contract Documents dated April 13, 2020. Bidders are requested to acknowledge receipt of this addendum in the designated place on the Official Bid Form. The following Addendum items are further instructions to the Bidders/Contractor:

This Addendum has a total of 5 pages and 5 attachments.

INDEX TO - ADDENDUM NO. 1

Addendum No. 1

- Project Manual Modifications
- Architectural Drawings Modifications

APPROVED SUBSTITUTIONS

- None

PROJECT MANUAL MODIFICATIONS

Section 000110 TABLE OF CONTENTS

1. ADD Section 092116 Gypsum Shaft Wall Assemblies per attachment 092116 – GYPSUM W BORAD SHAFT WALL ASSEMBLIES.

Section 000110 TABLE OF CONTENTS

1. ADD Section 092900 Gypsum Board – Attachment: Control Joint Layout per attachment 092900 GYPSUM BOARD – ATTACHMENT: CONTROL JOINT LAYOUT

Section 000110 TABLE OF CONTENTS

1. ADD section 003000 Information Available to Bidders in its entirety.
2. ADD Attachment: Geotechnical Report

Section 033000 CAST-IN-PLACE CONCRETE

1. REVISE subsection 3.15 C. to read: "Concrete Slabs where Special Concrete Floor Finish (SCFF) is scheduled on Drawings:".

Section 034500 PRECAST ARCHITECTURAL CONCRETE

1. Under subsection 1.2 C. ADD "2. Section 079000 "Joint Sealants" for installation of joint sealants between precast units and where precast units abut other materials.

Section 054000 COLD-FORMED METAL FRAMING

1. DELETE entire subsection 2.4 FLOOR AND ROOF JOIST FRAMING (CFMF).
2. DELETE entire subsection 3.4 FLOOR AND ROOF JOIST INSTALLATION.

Section 061000 ROUGH CARPENTRY

1. Under subsection 1.5 B. ADD "6. Wood-preserved-treated plywood."

Section 061600 SHEATHING

1. DELETE entire subsection 1.5 INFORMATIONAL SUBMITTALS.

Section 071113 BITUMINOUS DAMPPROOFING

1. Under subsection 3.3 DELETE paragraphs D. & E. in their entirety.

Section 071700 BENTONITE WATERPROOFING

1. Under subsection 1.2 A. DELETE paragraph 3. in its entirety.
2. CORRECT subsection 3.5 A. to read: "Provide waterproofing and drainage panels at:"
3. Under subsection 3.5 SCHEDULE – WATERPROOFING ADD the following: "B. Provide waterstop at: 1. All concrete construction joints (cold joints) below-grade and above-grade where foundation wall and associated footing encloses building interior, plenum, or occupied space, including the elevator pit."

Section 074213 METAL WALL PANELS

1. CORRECT word in subsection 3.3B to read: "bead" instead of "bed".

Section 078413 PENETRATION FIRESTOPPING

1. Under subsection 1.5 C.1.d. DELETE the sentence "Refer to Section 091110 for deflection track systems."

Section 079500 EXPANSION CONTROL

1. Under subsection 2.2 B. a. REVISE to say: "Gap Width: As Indicated on Drawings."
2. CORRECT title of subsection 2.3 to read: "EXPANSION CONTROL SYSTEMS (EJC)"

Section 08114 CUSTOM HOLLOW METAL DOORS AND FRAMES

1. CORRECT word in subsection 2.2 A. to read: "integral" instead of "integrates".
2. CORRECT the first sentence in subsection 2.2 G.1. to read: "The doors will be pulled open and pushed shut manually."

Section 083113 ACCESS DOORS AND FRAMES

1. CORRECT word in subsection 3.1D to read: “paths” instead of “oaths”.

Section 083473 SOUND CONTROL DOOR ASSEMBLIES

1. CORRECT word in subsection 3.2H to read: “bottom” instead of “bot”.

Section 085113 ALUMINUM WINDOWS

1. REPLACE subsection 2.6 B. as follows: “B. Aluminum Windows: 1. Color Anodic Finish: AAMA 611 AA-M12C22A42/A44, Class I 0.018 mm or thicker. a. Color: Dark Bronze Anodized.

Section 085113 ALUMINUM WINDOWS

1. REPLACE subsection 2.6 B as follows: “B. Aluminum Windows: 1. Class II, Color Anodic Finish: AA-M12C22A32/A34 (Mechanical Finish: nonspecular as fabricated; Chemical Finish: etched, medium matte; Anodic Coating: Architectural Class II, integrally colored or electrolytically deposited color coating 0.0100 mm or thicker) complying with AAMA 611. a. Color: Dark bronze.”

Section 087113 AUTOMATIC DOOR OPERATORS

1. REVISE subsection 2.5 B. 2. to read: “Configuration: Square push plate with 4-by-4-inch junction box.”
2. REVISE subsection 2.5 B. 2. a. to read: “Mounting: Surface-mounted on miscellaneous metal fabricated post, 32-inches above finished surface to center of plate.”

Section 088000 GLAZING

1. Under subsection 1.2 B. 2. CORRECT to read: “IGL Insulating Glazing (IGL-#)”
2. Under subsection 2.13 A. CORRECT to read: “Glass Type IGL-1: Low-e-coated, clear insulating glass.”
3. Under subsection 2.14 A. CORRECT to read: “Glass Type ISGL-1: Low-e-coated, clear insulating laminated glass.”

Section 089119 FIXED LOUVERS

1. DELETE subsections 1.2 C. 3. & 4. in their entirety.

Section 092116 GYPSUM BOARD SHAFT WALL ASSEMBLIES

1. ADD Section 092116 Gypsum Board Shaft Wall Assemblies per attachment 092116 – GYPSUM BOARD SHAFT WALL ASSEMBLIES.

Section 092216 NON-STRUCTURAL METAL FRAMING

1. DELETE subsection 1.2 B. 5. in its entirety.

Section 092900 GYPSUM BOARD

1. ADD Section 092900 Gypsum Board – Attachment: Control Joint Layout per attachment 092900 GYPSUM BOARD – ATTACHMENT: CONTROL JOINT LAYOUT

Section 095113 ACOUSTICAL PANEL CEILINGS

1. REVISE subsection 2.6 B. 1. b. to read: “4” straight transition and 10” straight transition as indicated on the Drawings”.

Section 101200 DISPLAY CASES

1. REVISE subsection 2.5 A. 2. f. to read: “Size: 9’-8 1/4”w x 1’-6”d x 5’-8”h”.
2. CORRECT number in subsection 2.5 A. 2. M. to read: “12” instead of “6”.

Section 102800 TOILET AND BATH ACCESSORIES

1. Under subsection 2.2 C. 1. DELETE the number: “1830”
2. REVISE subsection 2.2 C. 3. to read: “Size: 18” x 30” unless noted otherwise.; 24” x 36” in Dressing Room 123; 36” x 48” in Women 108 & 205 and Men 111 & 208.”

ARCHITECTURAL DRAWING MODIFICATIONS

SHEET G0.10 v1 – Drawing Index & General Information

1. On Drawing Index, ADD Sheet L4.04 Site Details. Clarification Note: Sheet L4.04 was included in the Bid Document drawing set but was just not listed in the index.

SHEET A3.40 – Wall Types & Assemblies

1. On Detail 17, REVISE per attachment A3.40

SHEET A3.55 – Main Entry Vestibule Details

1. On Detail 5, REPLACE: PWBP with PPBP.

SHEET A4.12 – Lower Level Architectural Floor Plan – Area B

1. Along Gridline BG in Band 141 REVISE to read: “8’ MB”

SHEET A4.22 – Upper Level Architectural Floor Plan – Area B

1. Along Gridline B7 in Choir 218 REVISE to read: “MBW W/ STAFF LINES”
2. Along Gridline B7 in Choir 218 DELETE note that says “8’ MB”

SHEET A4.41 – Interior Details – Concert Hall

1. On Detail 7, REVISE not that says “GB – REVEAL; MITER CUT TRIM AT OUTSIDE CORNERS” to read: “GB – ALUMINUM TRIM DRM 50-50 & DRF 50-50; MITER CUT TRIM AT OUTSIDE CORNERS”.

SHEET A4.45 – Inter Details – Concert Hall

1. On Detail 19, REVISE per attachment A4.45

SHEET A5.43 – Reflected Ceiling Plan Details – Area A – Concert hall

1. On Details 1B, 1D, 1E, 2B, 5B, 5D, 7B, 7D, 8 and 11, REVISE per attachment A5.43

END OF ADDENDUM NO.1

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section includes gypsum board shaft wall assemblies.
- B. Key Abbreviations include the following:
 - 1. GBSWA Gypsum Board Shaft Wall Assembly

1.3 ACTION SUBMITTALS

- A. Product Data: For each component of gypsum board shaft wall assembly.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store materials inside under cover and keep them dry and protected against weather, condensation, direct sunlight, construction traffic, and other potential causes of damage. Stack panels flat and support them on risers on a flat platform to prevent sagging.

1.5 FIELD CONDITIONS

- A. Environmental Limitations: Comply with gypsum-shaftliner-board manufacturer's written instructions.
- B. Do not install finish panels until installation areas are enclosed and conditioned.
- C. Do not install panels that are wet, moisture damaged, or mold damaged.
 - 1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, and irregular shape.
 - 2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Fire-Resistance-Rated Assemblies: For fire-resistance-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E119 by an independent testing agency.
- B. STC-Rated Assemblies: Provide materials and construction identical to those of assemblies tested according to ASTM E90 and classified according to ASTM E413 by a testing and inspecting agency.

2.2 GYPSUM BOARD SHAFT WALL ASSEMBLIES (GBSWA)

- A. Fire-Resistance Rating: 1 hour.
- B. STC Rating: As indicated.
- C. Gypsum Shaftliner Board:
 - 1. Type X: ASTM C1396/C1396M; manufacturer's proprietary fire-resistive liner panels with paper faces, 1 inch thick, with double beveled long edges.
 - a. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - 1) American Gypsum.
 - b. GA File No. WP 6801
- D. Non-Load-Bearing Steel Framing, General: Complying with ASTM C645 requirements for metal unless otherwise indicated and complying with requirements for fire-resistance-rated assembly indicated.
 - 1. Protective Coating: Coating with equivalent corrosion resistance of ASTM A653/A653M, G40 unless otherwise indicated.
- E. Studs: Manufacturer's standard profile for repetitive, corner, and end members as follows:
 - 1. Depth: As indicated.
 - 2. Minimum Base-Metal Thickness: 0.018 inch.
- F. Runner Tracks: Manufacturer's standard J-profile track with manufacturer's standard long-leg length, but at least 2 inches long and matching studs in depth.
 - 1. Minimum Base-Metal Thickness: Matching steel studs.
- G. Firestop Tracks: Top runner manufactured to allow partition heads to expand and contract with movement of the structure while maintaining continuity of fire-resistance-rated assembly

indicated; in thickness not less than indicated for studs and in width to accommodate depth of studs.

- H. Elevator-Hoistway-Entrance Struts: Manufacturer's standard J-profile jamb strut with long-leg length of 3 inches, matching studs in depth, and not less than 0.033 inch thick.
- I. Finish Panels: Gypsum board as specified in Section 092900 "Gypsum Board."
- J. Sound Attenuation Blankets: As specified in Section 092900 "Gypsum Board."

2.3 AUXILIARY MATERIALS

- A. General: Provide auxiliary materials that comply with shaft wall manufacturer's written instructions.
- B. Trim Accessories: Cornerbead, edge trim, and control joints of material and shapes as specified in Section 092900 "Gypsum Board" that comply with gypsum board shaft wall assembly manufacturer's written instructions for application indicated.
- C. Steel Drill Screws: ASTM C1002 unless otherwise indicated.
- D. Track Fasteners: Power-driven fasteners of size and material required to withstand loading conditions imposed on shaft wall assemblies without exceeding allowable design stress of track, fasteners, or structural substrates in which anchors are embedded.
 - 1. Expansion Anchors: Fabricated from corrosion-resistant materials, with allowable load or strength design capacities calculated according to ICC-ES AC193 and ACI 318 greater than or equal to the design load, as determined by testing per ASTM E488/E488M conducted by a qualified testing agency.
 - 2. Power-Actuated Anchors: Fastener system of type suitable for application indicated, fabricated from corrosion-resistant materials, with allowable load capacities calculated according to ICC-ES AC70, greater than or equal to the design load, as determined by testing per ASTM E1190 conducted by a qualified testing agency.
- E. Reinforcing: Galvanized-steel reinforcing strips with minimum thickness of base metal (uncoated).
- F. Acoustical Sealant: Section 079200 "Joint Sealants."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Examine panels before installation. Reject panels that are wet, moisture damaged, or mold damaged.

- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install gypsum board shaft wall assemblies to comply with requirements of fire-resistance-rated assemblies indicated and manufacturer's written installation instructions.
- B. Install supplementary framing in gypsum board shaft wall assemblies around openings and as required for blocking, bracing, and support of gravity and pullout loads of fixtures, equipment, services, heavy trim, furnishings, wall-mounted door stops, and similar items that cannot be supported directly by shaft wall assembly framing.
 - 1. Elevator Hoistway: At elevator hoistway-entrance door frames, provide jamb struts on each side of door frame.
 - 2. Reinforcing: Provide where items attach directly to shaft wall assembly as indicated on Drawings; accurately position and secure behind at least one layer of face panel.
- C. Penetrations: At penetrations in shaft wall, maintain fire-resistance rating of shaft wall assembly by installing supplementary steel framing around perimeter of penetration and fire protection behind boxes containing wiring devices, elevator call buttons and floor indicators, and similar items.
- D. Isolate perimeter of gypsum panels from building structure to prevent cracking of panels while maintaining continuity of fire-rated construction.
- E. Firestop Tracks: Where indicated, install to maintain continuity of fire-resistance-rated assembly indicated.
- F. Sound-Rated Shaft Wall Assemblies: Seal gypsum board shaft walls with acoustical sealant at perimeter of each assembly where it abuts other work and at joints and penetrations within each assembly.
- G. Installation Tolerance: Install each framing member so fastening surfaces vary not more than 1/8 inch from the plane formed by faces of adjacent framing.

3.3 PROTECTION

- A. Protect installed products from damage from weather, condensation, direct sunlight, construction, and other causes during remainder of the construction period.
- B. Remove and replace panels that are wet, moisture damaged, or mold damaged.
 - 1. Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, and irregular shape.
 - 2. Indications that panels are mold damaged include, but are not limited to, fuzzy or blotchy surface contamination and discoloration.

END OF SECTION 092116



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PROJECT INFORMATION

**Inglemoor
High School
Concert Hall +
Music Building**

Inglemoor High School
15500 Simonds Road NE
Kenmore, WA 98028

Northshore School District No.
417

SCHOOL DISTRICT LOGO



02.13.2019	SCHEMATIC DESIGN
04.08.2019	VALUE ENGINEERING
09.16.2019	SITE PLAN REVIEW
10.18.2019	DESIGN DEVELOPMENT
01.13.2020	CONSTRUCTIONABILITY REVIEW
02.23.2020	HEALTH DEPARTMENT PERMIT SUBMITTAL
04.13.2020	BID DOCUMENTS
04.20.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020

PROJECT NUMBER: 1711

SHEET NAME

Lower Level Reflected
Ceiling Plan - Area A

SHEET NUMBER

A5.11

SECTION 092900 GYPSUM BOARD
ATTACHMENT: Control Joint Layout



KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS
BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
ABD	09 51 13	ACOUSTICAL BOARD
AESS	05 12 13	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
APC	09 51 13	ACOUSTICAL PANEL CEILING
APCSS	09 51 13	APC SUSPENSION SYSTEM
ARP	06 42 19	ACOUSTICAL REFLECTOR PANEL
CCAT	10 21 23	CURTAIN CURTAIN & TRACK
CRP	07 48 33	COMPOSITE RESIN PANEL
CUST	-- --	CUSTOMIAN
ELEV	14 24 00	ELEVATOR
EQ	-- --	EQUAL
EXPS	-- --	EXPOSED STRUCTURE
FOF	-- --	FACE OF FRAMING
FW	-- --	FACE OF WALL (FINISH)
FSRR	-- --	FIRE SPRINKLER RISER ROOM
FV	-- --	FIELD VERIFY
GB	09 29 00	GYPSUM BOARD
HT	-- --	HIGH/HEIGHT
MSP	07 42 13	METAL SOFFIT PANEL
MWP	07 42 13	METAL WALL PANEL
NLMF	09 22 16	NON-LOADBEARING METAL FRAMING
PLWP	08 42 19	PLASTIC LAMINATE WOOD PANEL
RCP	-- --	REFLECTED CEILING PLAN
REQTS	-- --	REQUIREMENTS
TYP	-- --	TYPICAL
UNO	-- --	UNLESS NOTED OTHERWISE
VERT	-- --	VERTICAL
VEST	-- --	VESTIBULE
W/	-- --	WITH
WPC	09 54 26	WOOD PANEL CEILING

RCP MATERIAL LEGEND

APC-1	CRP-3
APC-2	ARP & PLWP
APC-3	VPDPC-1
GB	VPDPC-2
ABD	

GENERAL NOTES

- REFER TO SHEET S/AS 40 FOR NLMF CEILING JOIST SCHEDULE.
- REFER TO SHEET AS-40 FOR TYPICAL ACCESS DETAILS & REQTS.
- APCSS TO BE CENTERED IN ROOM IN BOTH DIRECTIONS - TYP UNO.
- UNO, CEILINGS FINISHED WITH GB ARE TO BE SUPPORTED WITH NLMF.
- UNO, CEILING FINISH ELEVATIONS NOTED ARE TAKEN ABOVE FINISH FLOOR OF THAT SPACE.
- NO PROJECTIONS FROM CEILING IN PUBLIC/STUDENT AREAS SHALL BE LESS THAN 7" ABOVE FINISH FLOOR.



1 LOWER LEVEL REFLECTED CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

4/16/2020 10:03 PM



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04.13.2020	BID DOCUMENTS
04.20.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020

PROJECT NUMBER: 1711

SHEET NAME

Upper Level Reflected
Ceiling Plan - Area A

SHEET NUMBER

A5.21

SECTION 092900 GYPSUM BOARD
ATTACHMENT: Control Joint Layout



KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS
BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
ABD	09 51 13	ACOUSTICAL BOARD
ACM	07 42 14	ALUMINUM COMPOSITE MATERIAL
ACW	08 44 13	ALUMINUM CURTAIN WALL
APC	09 51 13	ACOUSTICAL PANEL CEILING
APCSS	09 51 13	APC SUSPENSION SYSTEM
ARP	08 42 19	ACOUSTICAL REFLECTOR PANEL
CLB	---	CLEAR
CRP	07 46 33	COMPOSITE RESIN PANEL
CUST	---	CUSTOMER
ELEV	14 24 00	ELEVATOR
EQ	---	EQUAL
EXPS	---	EXPOSED STRUCTURE
F&M	07 62 00	FLASHING & SHEET METAL
FOF	---	FACE OF FRAMING
FOW	---	FACE OF WALL (FINISH)
GB	09 29 00	GYPSUM BOARD
HT	---	HIGH/HEIGHT
MSP	07 42 13	METAL SOFFIT PANEL
NLMF	09 22 16	NON-LOADBEARING METAL FRAMING
PLWP	08 42 19	PLASTIC LAMINATE WOOD PANEL
RCP	---	REFLECTED CEILING PLAN
REQTS	---	REQUIREMENTS
STOR	---	STORAGE
TYP	---	TYPICAL
UNO	---	UNLESS NOTED OTHERWISE
WDPC	09 54 26	WOOD PANEL CEILING
WP	---	WORK POINT

RCP MATERIAL LEGEND

APC-1	CRP-3
APC-2	ARP & PLWP
APC-3	WDPC-1
GB	WDPC-2
ABD	

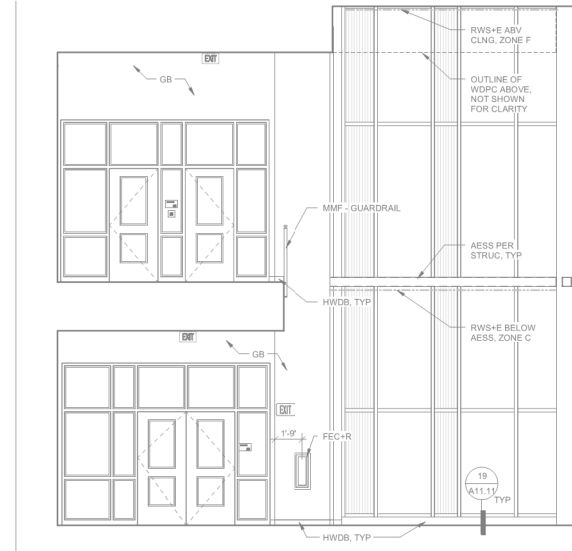
GENERAL NOTES

- REFER TO SHEET S/A5.40 FOR NLMF CEILING J/CIST SCHEDULE.
- REFER TO SHEET A5.40 FOR TYPICAL ACCESS DETAILS & REQTS.
- APCSS TO BE CENTERED IN ROOM IN BOTH DIRECTIONS - TYP UNO.
- UNO, CEILINGS FINISHED WITH GB ARE TO BE SUPPORTED WITH NLMF.
- UNO, CEILING FINISH ELEVATIONS NOTED ARE TAKEN ABOVE FINISH FLOOR OF THAT SPACE.
- NO PROJECTIONS FROM CEILING IN PUBLIC/STUDENT AREAS SHALL BE LESS THAN 7" ABOVE FINISH FLOOR.

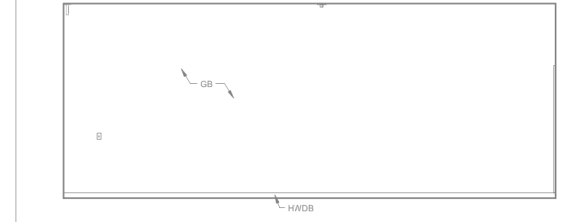


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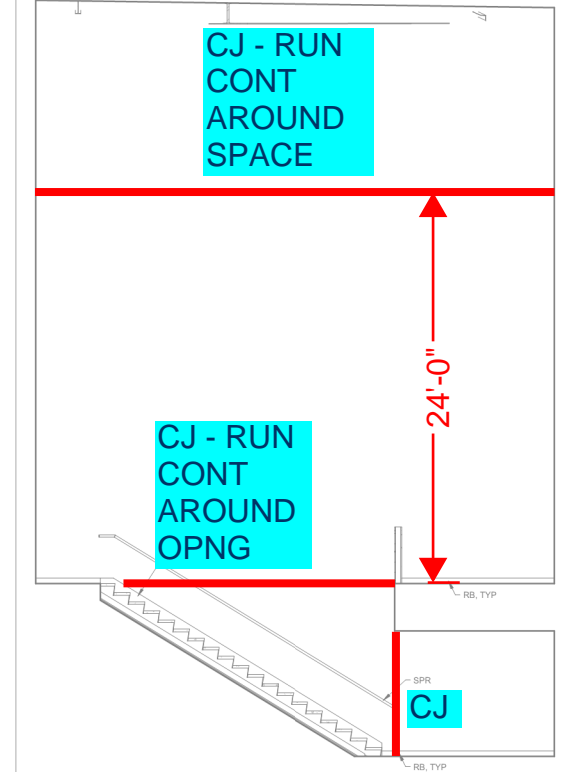




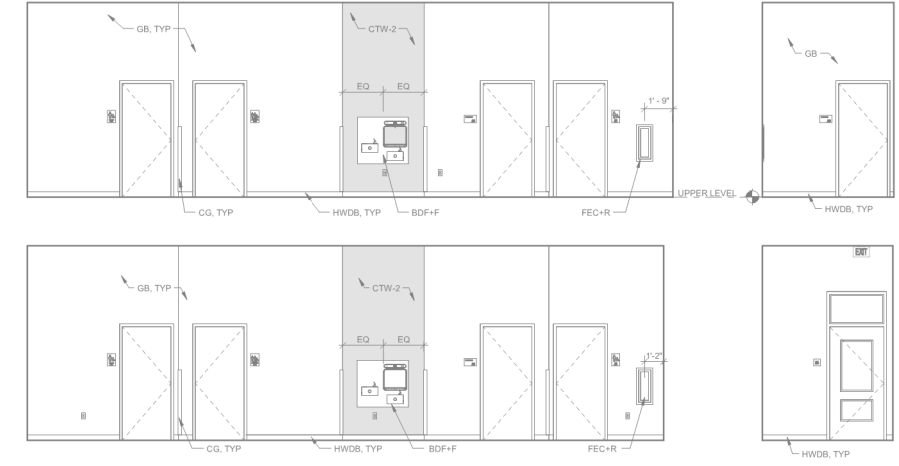
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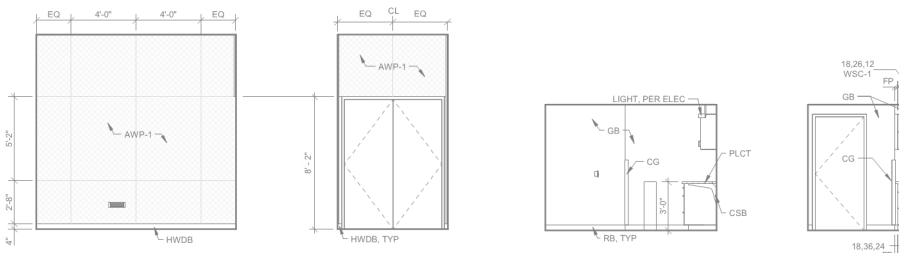
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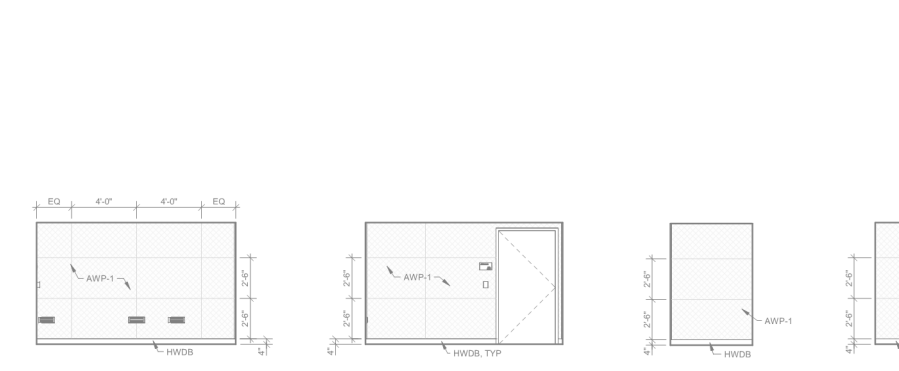
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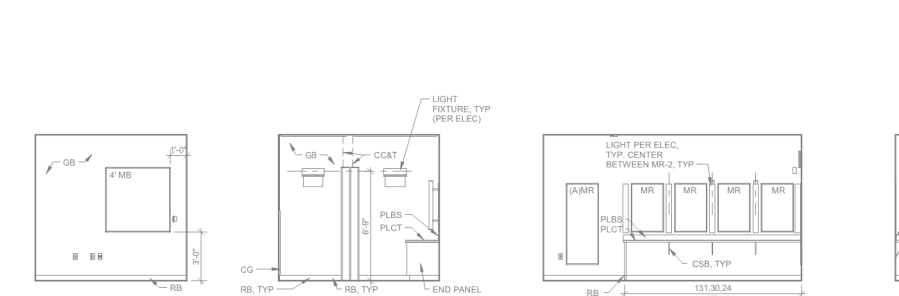
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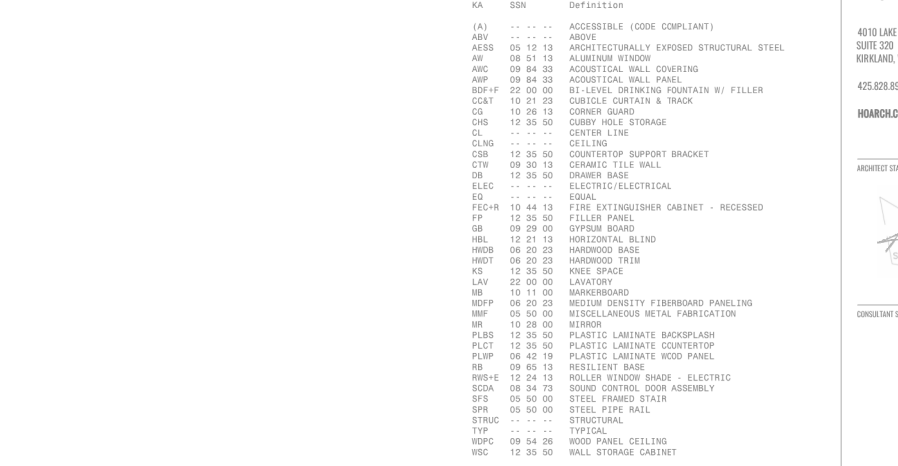
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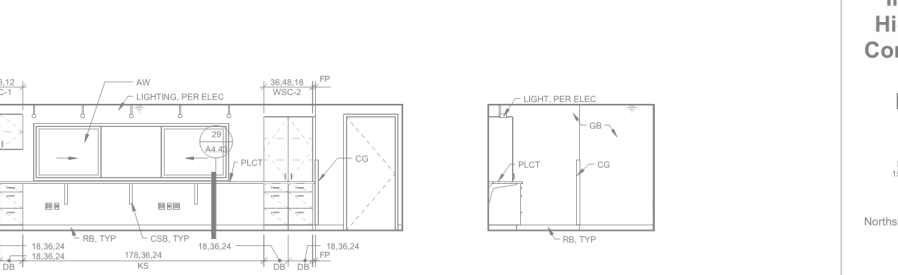
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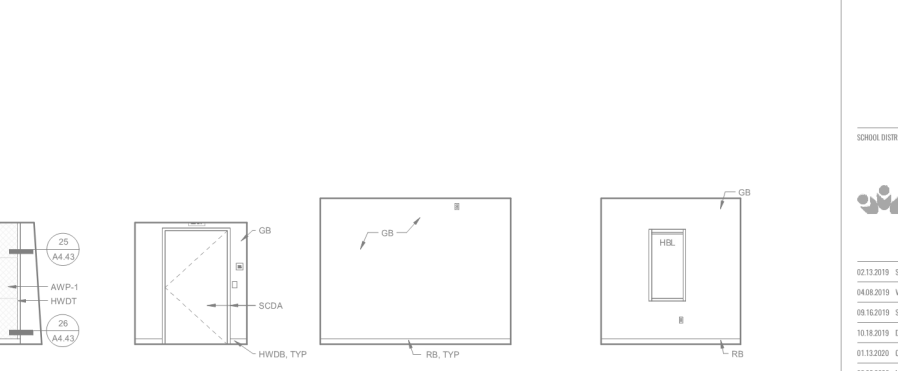
18 MANAGER
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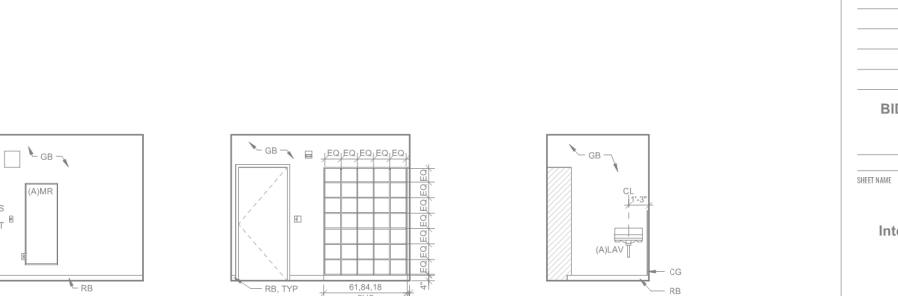
3 CORRIDOR
SCALE: 1/4" = 1'-0"



8 CONTROL
SCALE: 1/4" = 1'-0"



13 VESTIBULE
SCALE: 1/4" = 1'-0"



21 DRESSING
SCALE: 1/4" = 1'-0"

KEYLINK SCHEDULE		
REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.		
KA	SSN	Definition
(A)	-- -- --	ACCESSIBLE (CODE COMPLIANT)
ABV	-- -- --	ABOVE
AESS	06 12 13	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AW	08 51 13	ALUMINUM WINDOW
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
BDF+P	22 00 00	B1-LEVEL DRINKING FOUNTAIN W/ FILLER
CGAT	10 21 23	CURTAIN CURTAIN & TRACK
CG	10 26 13	CORNER GUARD
CHS	12 35 50	CURBY HOLE STORAGE
CL	-- -- --	CENTER LINE
CLNG	-- -- --	CEILING
CSB	12 35 50	COUNTERTOP SUPPORT BRACKET
CTW	09 30 13	CERAMIC TILE WALL
DB	12 35 50	DRAWER BASE
ELEC	-- -- --	ELECTRIC/ELECTRICAL
EQ	-- -- --	EQUAL
FEC+R	10 44 13	FIRE EXTINGUISHER CABINET - RECESSED
FP	12 35 50	FILLER PANEL
GB	09 29 00	GYPSON BOARD
HL	12 21 13	HORIZONTAL BLIND
HWDB	06 20 23	HARDWOOD BASE
HWDT	06 20 23	HARDWOOD TRIM
KS	12 35 50	KNEE SPACE
LAV	22 00 00	LAVATORY
MB	10 11 00	MARKERBOARD
MDPF	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MMF	06 50 00	MISCELLANEOUS METAL FABRICATION
MR	10 28 00	MIRROR
PLBS	12 35 50	PLASTIC LAMINATE BACKSPLASH
PLCT	12 35 50	PLASTIC LAMINATE COUNTERTOP
PLWP	06 42 19	PLASTIC LAMINATE WOOD PANEL
RB	09 65 13	RESTLENT BASE
RWS+E	12 24 13	ROLLER WINDOW SHADE - ELECTRIC
SCDA	08 94 73	SOUND CONTROL DOOR ASSEMBLY
SFS	05 50 00	STEEL FRAMED STAIR
SPR	05 50 00	STEEL PIPE RAIL
STRUC	-- -- --	STRUCTURAL
TYP	-- -- --	TYPICAL
WDPC	09 54 26	WOOD PANEL CEILING
WSC	12 35 50	WALL STORAGE CABINET

GENERAL NOTES

1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBER PANEL (MDPF), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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PROJECT INFORMATION

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Concert Hall +
Music Building

Inglemoor High School
15500 Simonds Road NE
Kenmore, WA 98028

Northshore School District No.
417

SCHOOL DISTRICT LOGO



02.13.2019	SCHEMATIC DESIGN
04.08.2019	VALUE ENGINEERING
09.16.2019	SITE PLAN REVIEW
10.18.2019	DESIGN DEVELOPMENT
01.13.2020	CONSTRUCTABILITY REVIEW
02.23.2020	HEALTH DEPARTMENT PERMIT SUBMITTAL
04.13.2020	BID DOCUMENTS
04.20.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

SHEET NAME

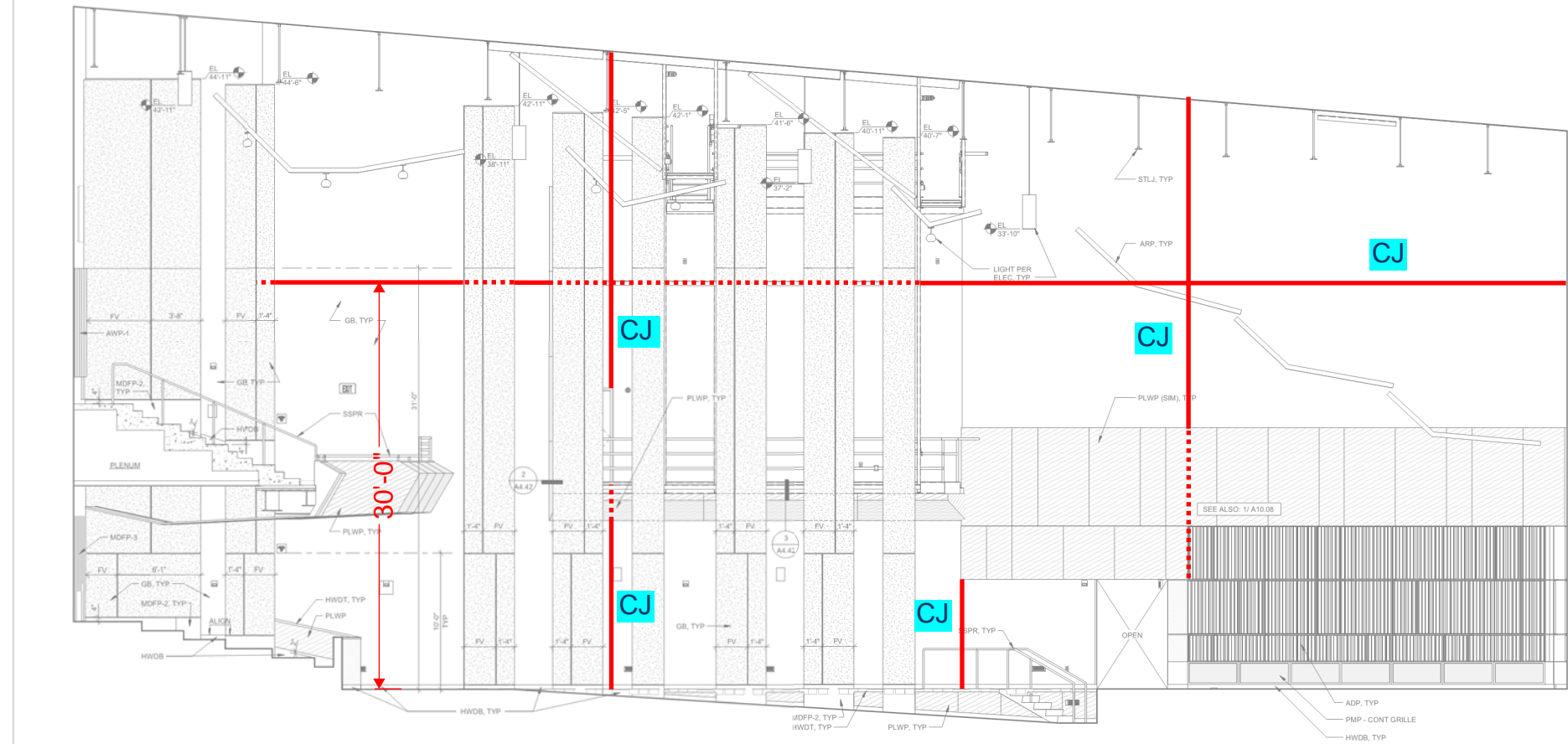
Interior Elevations

SHEET NUMBER

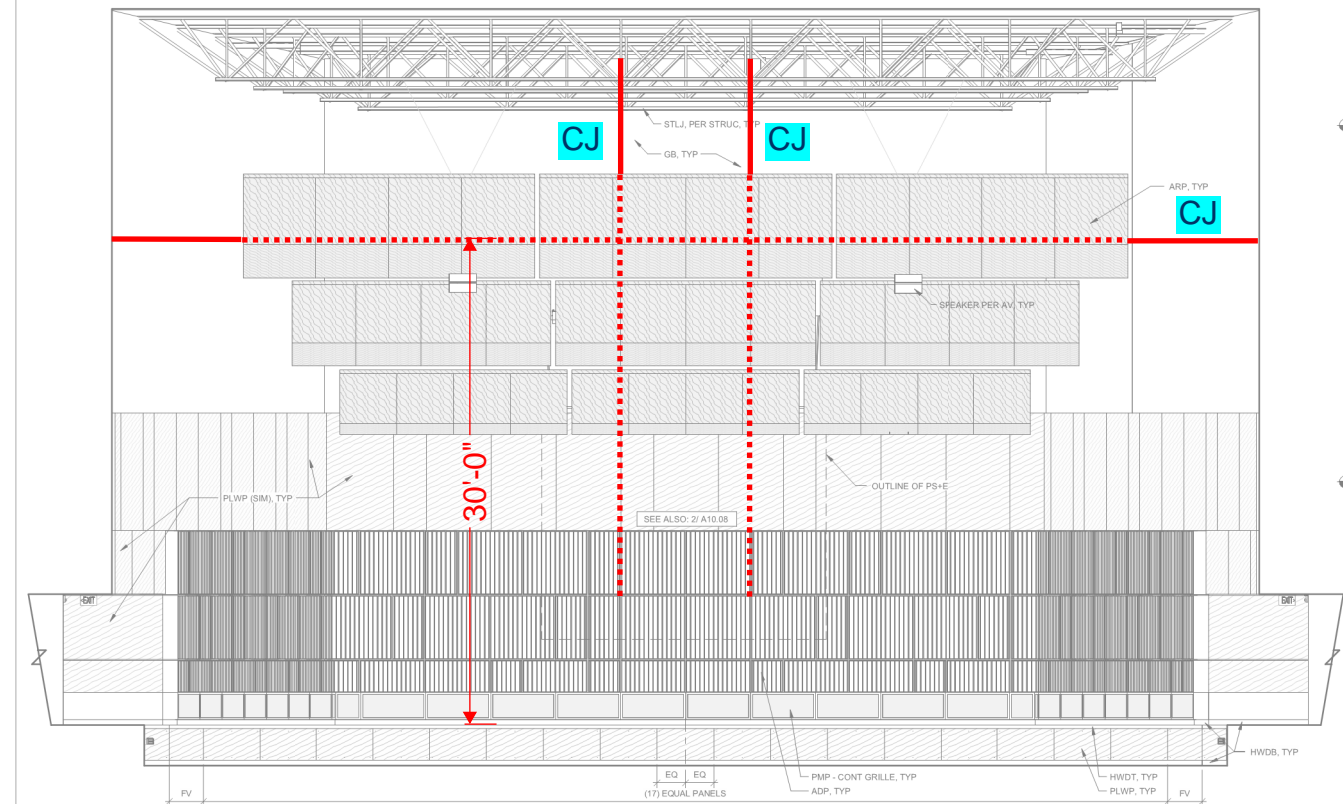
A10.04



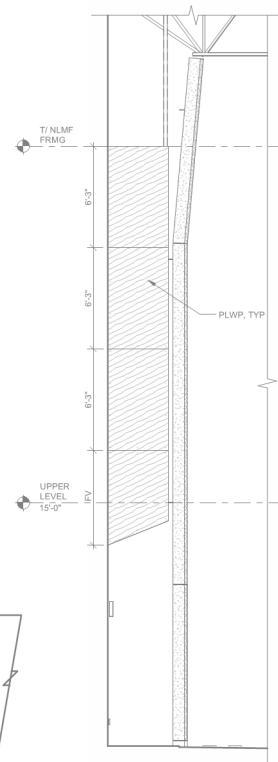
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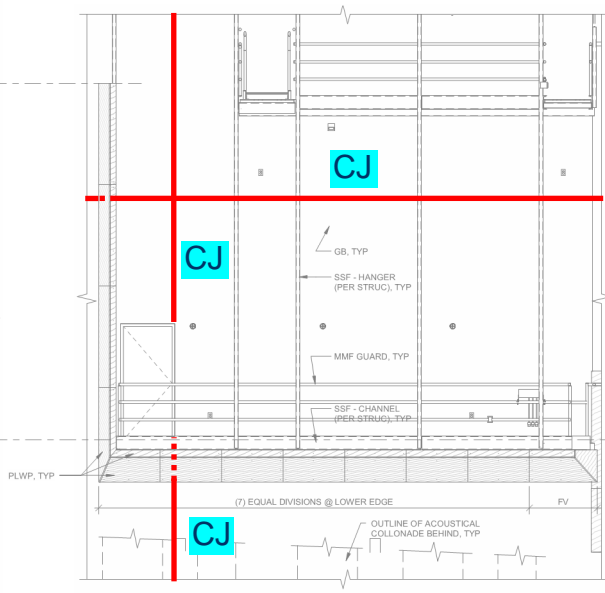
1 CONCERT HALL
SCALE: 1/4" = 1'-0"



2 CONCERT HALL
SCALE: 1/4" = 1'-0"



3 LOWER CATWALK REFLECTOR
SCALE: 1/4" = 1'-0" (WEST END)



4 LOWER CATWALK REFLECTOR
SCALE: 1/4" = 1'-0" (SIDE VIEW)

KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
ADP	09 84 00	ACOUSTICAL DIFFUSER PANEL
ARP	06 42 19	ACOUSTICAL REFLECTOR PANEL
AV	- - - -	AUDIO VISUAL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
CG	10 26 13	CORNER GUARD
CONT	- - - -	CONTINUOUS/CONTINUATION
EL	- - - -	ELEVATION (HEIGHT)
ELEC	- - - -	ELECTRICAL
EQ	- - - -	EQUAL
FRMG	- - - -	FRAMING
FV	- - - -	FIELD VERIFY
GB	09 29 00	GYPSON BOARD
HWDB	06 20 23	HARDWOOD BASE
HWDT	06 20 23	HARDWOOD TRIM
MDPF	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MMF	05 50 00	MISCELLANEOUS METAL FABRICATION
NLMF	09 22 16	NON-LOADBEARING METAL FRAMING
PLWP	06 42 19	PLASTIC LAMINATE WOOD PANEL
PMP	05 50 00	PERFORATED METAL PANEL
PS+E	27 41 16	PROJECTION SCREEN - ELECTRICAL
SIM	- - - -	SIMILAR
SSF	05 12 00	STRUCTURAL STEEL FRAMING
SSPR	05 50 00	STAINLESS STEEL PIPE RAIL
STLJ	05 21 00	STEEL JOIST
STRUC	- - - -	STRUCTURAL
T/J	- - - -	TOP OF
TYP	- - - -	TYPICAL

GENERAL NOTES

1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBERBOARD PANEL (MDPF), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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PROJECT INFORMATION

Inglemoor High School Concert Hall + Music Building

Inglemoor High School
15500 Simonds Road NE
Kenmore, WA 98028

Northshore School District No.
417

SCHOOL DISTRICT LOGO



02.13.2019	SCHEMATIC DESIGN
04.08.2019	VALUE ENGINEERING
05.16.2019	SITE PLAN REVIEW
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04.13.2020	BID DOCUMENTS
04.29.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

SHEET NAME

Interior Elevations

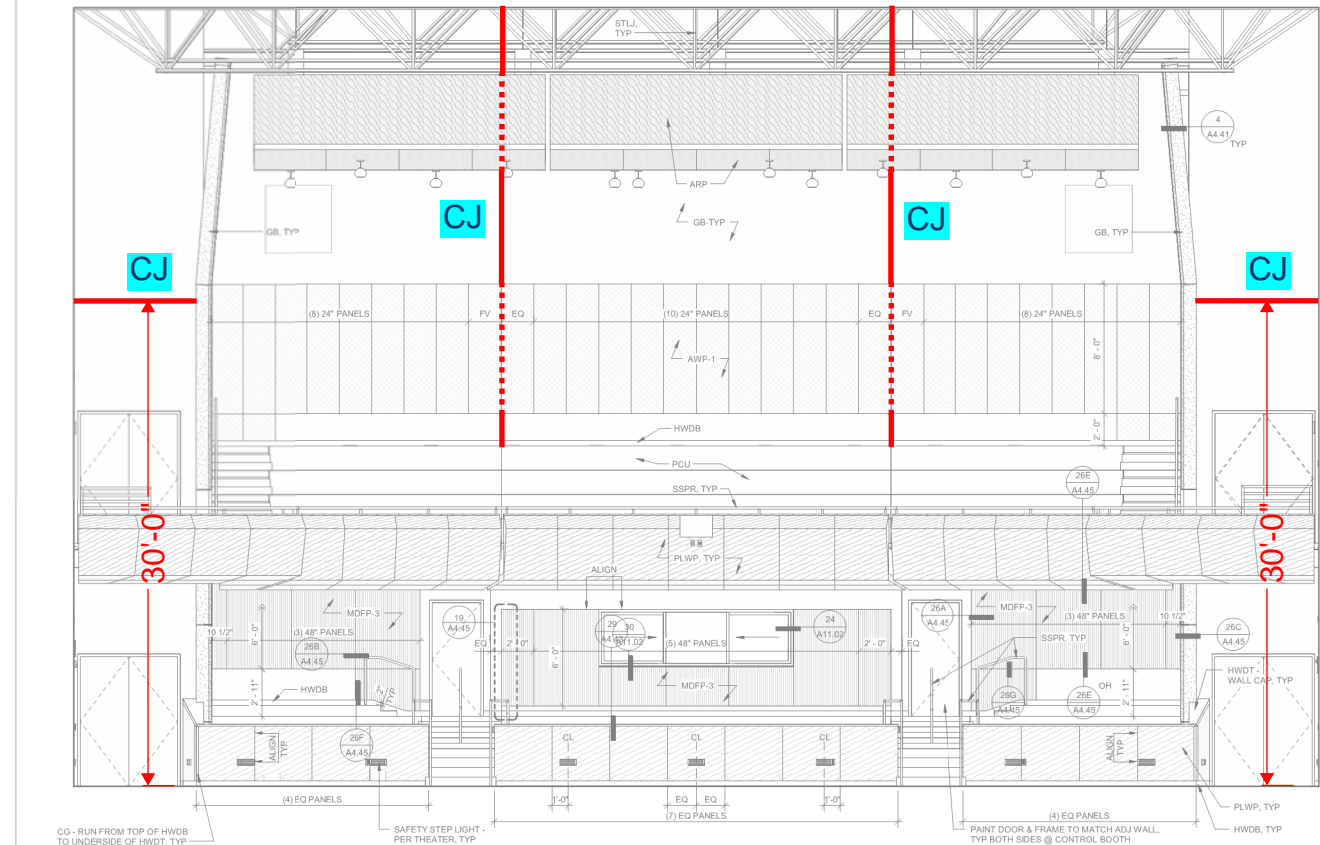
SHEET NUMBER

A10.06





1 CONCERT HALL
SCALE: 1/4" = 1'-0"



2 CONCERT HALL
SCALE: 1/4" = 1'-0"

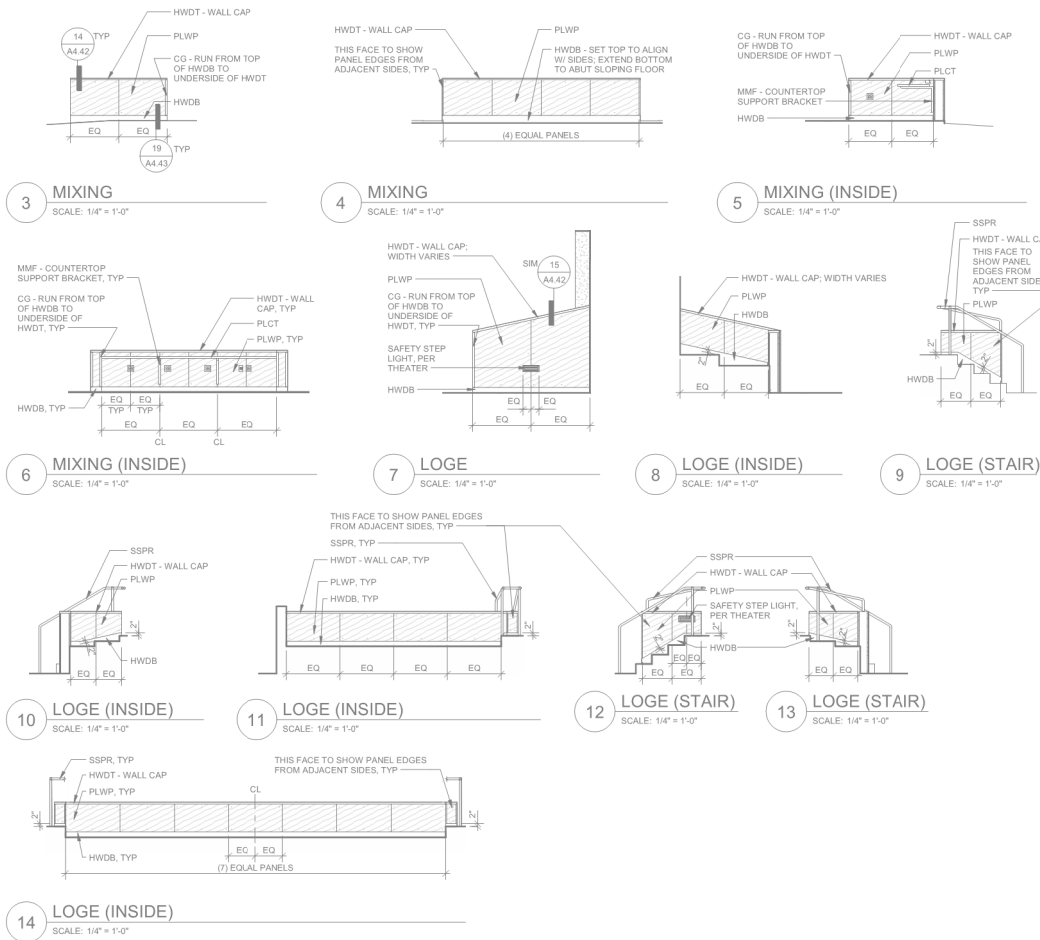
KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS
BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
ADJ	09 84 00	ADJACENT
ADP	09 84 00	ACOUSTICAL DIFFUSER PANEL
ARP	06 42 19	ACOUSTICAL REFLECTOR PANEL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
CG	10 26 13	CORNER GUARD
CL	---	CENTER LINE
CONT	---	CONTINUOUS/CONTINUATION
EL	---	ELEVATION (HEIGHT)
ELEC	---	ELECTRIC/ELECTRICAL
EQ	---	EQUAL
FV	---	FIELD VERIFY
GB	09 29 00	GYPSON BOARD
HWDB	06 20 23	HARDWOOD BASE
HWDT	06 20 23	HARDWOOD TRIM
MDFP	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MMF	05 50 00	MISCELLANEOUS METAL FABRICATION
OH	---	OPPOSITE HAND
PCU	03 45 00	PRECAST CONCRETE UNIT
PLCT	12 35 50	PLASTIC LAMINATE COUNTERTOP
PLWP	06 42 19	PLASTIC LAMINATE WALL PANEL
PMP	05 50 00	PERFORATED METAL PANEL
SIM	---	SIMILAR
SSPR	05 50 00	STAINLESS STEEL PIPE RAIL
STLJ	05 21 00	STEEL JOIST
TYP	---	TYPICAL
W/	---	WITH

GENERAL NOTES

- REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBERBOARD PANEL (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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PROJECT INFORMATION

Inglemoor High School Concert Hall + Music Building

Inglemoor High School
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Kenmore, WA 98028

Northshore School District No.
417

SCHOOL DISTRICT LOGO



02.13.2019 SCHEMATIC DESIGN
04.08.2019 VALUE ENGINEERING
09.16.2019 SITE PLAN REVIEW
10.18.2019 DESIGN DEVELOPMENT
01.13.2020 CONSTRUCTIONABILITY REVIEW
02.23.2020 HEALTH DEPARTMENT PERMIT SUBMITTAL
04.13.2020 BID DOCUMENTS
04.20.2020 ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

SHEET NAME

Interior Elevations

SHEET NUMBER

A10.07





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PROJECT INFORMATION

Inglemoor
High School
Concert Hall +
Music
Building

Inglemoor High School
15500 Simonds Road NE
Kenmore, WA 98028

Northshore School District No.
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SCHOOL DISTRICT LOGO



02.13.2019	SCHEMATIC DESIGN
04.08.2019	VALUE ENGINEERING
05.16.2019	SITE PLAN REVIEW
10.16.2019	DESIGN DEVELOPMENT
01.13.2020	CONSTRUCTABILITY REVIEW
03.23.2020	HEALTH DEPARTMENT PERMIT SUBMITTAL
04.13.2020	BID DOCUMENTS
04.30.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

SHEET NAME

Interior Elevations

SHEET NUMBER

A10.08

SECTION 092900 GYPSUM BOARD
ATTACHMENT: Control Joint Layout



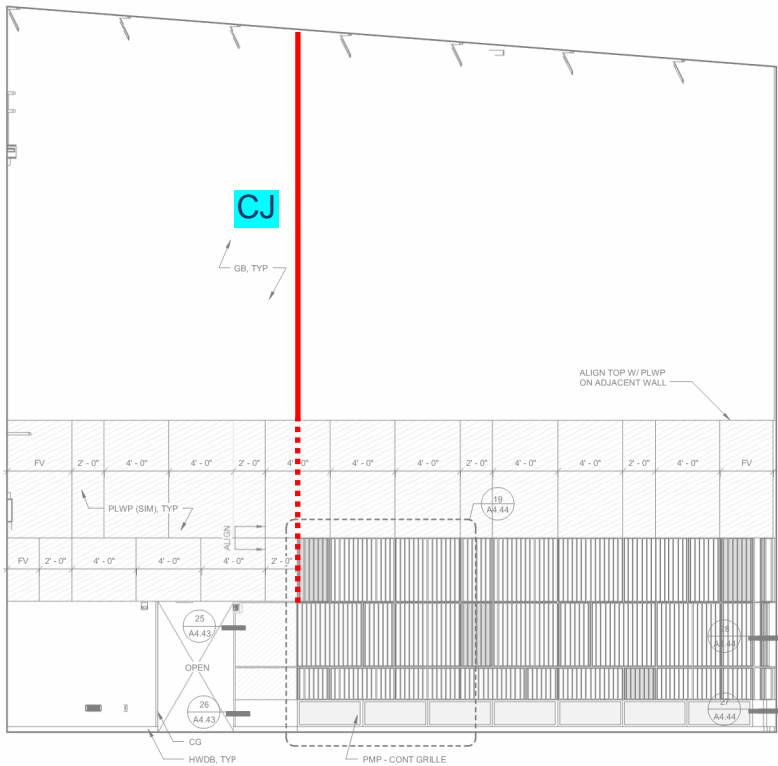
KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.

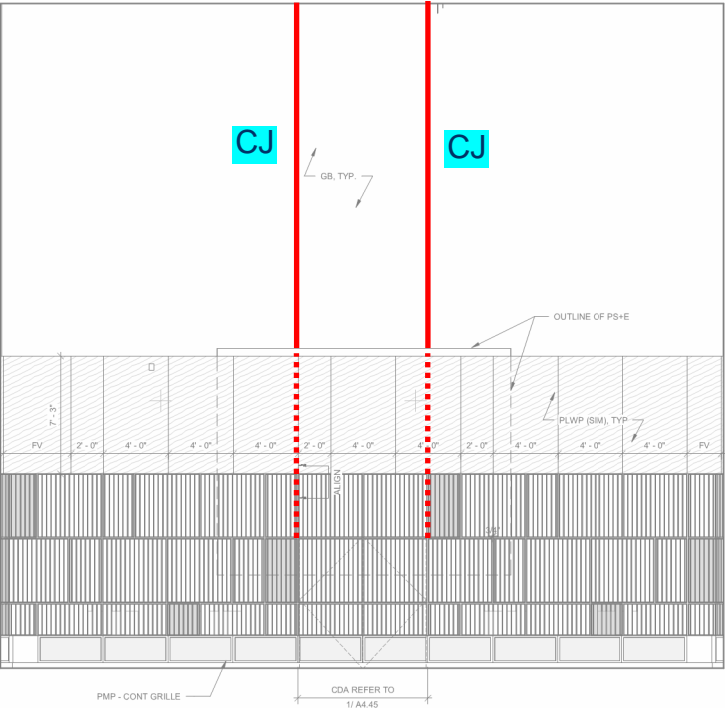
KA	SSN	Definition
ADJ	-- -- --	ADJUSTABLE
AV	-- -- --	AUDIO/VISUAL
AWP	09 84 35	ACOUSTICAL WALL PANEL
BC	12 35 50	BASE CABINET
DB	12 35 50	DRAWER BASE
ED	-- -- --	EQUAL
FDB	12 35 50	FILE DRAWER BASE
FIDO	-- -- --	FURNISHED/OWNER INSTALLED/OWNER
FP	12 35 50	FILLER PANEL
GB	09 29 00	GYPSUM BOARD
GRMT	12 35 50	GROMET
HL	12 21 13	HORIZONTAL BLIND
INST	-- -- --	INSTRUCTIONAL
KS	12 35 50	KNEE SPACE
MB	10 11 00	MARKERBOARD
MBW	10 11 00	MARKERBOARD WALL
MDFP	06 20 25	MEDIUM DENSITY FIBERBOARD PANELING
MECH	-- -- --	MECHANICAL
MIB	10 90 00	MUSICAL INSTRUMENT WALL BRACKET
PLBS	12 35 50	PLASTIC LAMINATE BACKSPLASH
PLCT	12 35 50	PLASTIC LAMINATE COUNTERTOP
RB	09 65 13	RESILIENT BASE
SKS	12 35 50	SINK KNEE SPACE
STOR	-- -- --	STORAGE
TSC	12 35 50	TALL STORAGE CABINET
TWC	12 35 50	TEACHER'S WARDROBE CABINET
TYP	-- -- --	TYPICAL
VW	-- -- --	VIDEO MONITOR
VWC	09 72 00	VINYL WALL COVERING
WJ	-- -- --	WITH
WSC	12 35 50	WALL STORAGE CABINET

GENERAL NOTES

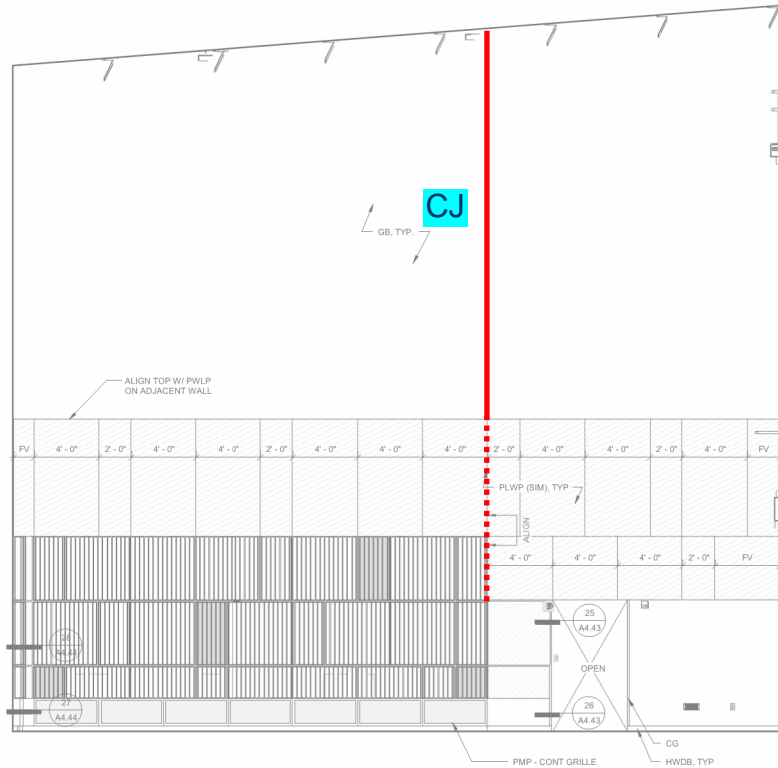
1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBERBOARD PANEL (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



1 PLATFORM
SCALE: 1/4" = 1'-0"

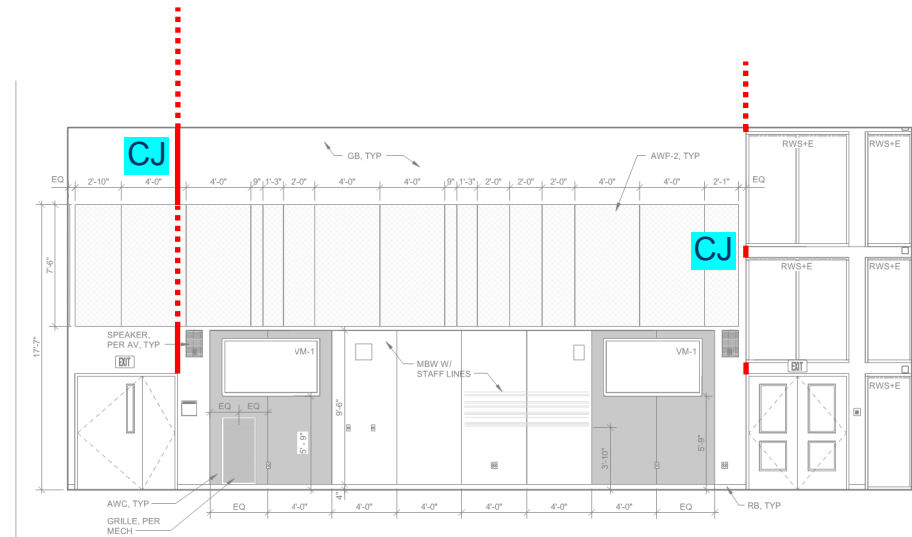


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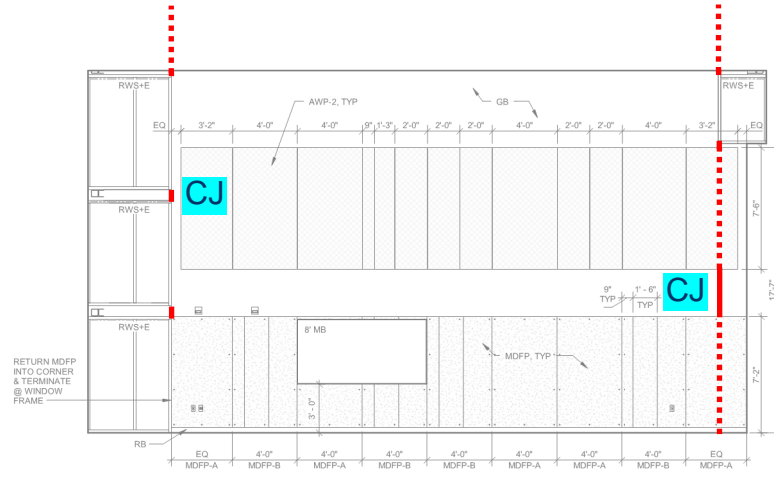


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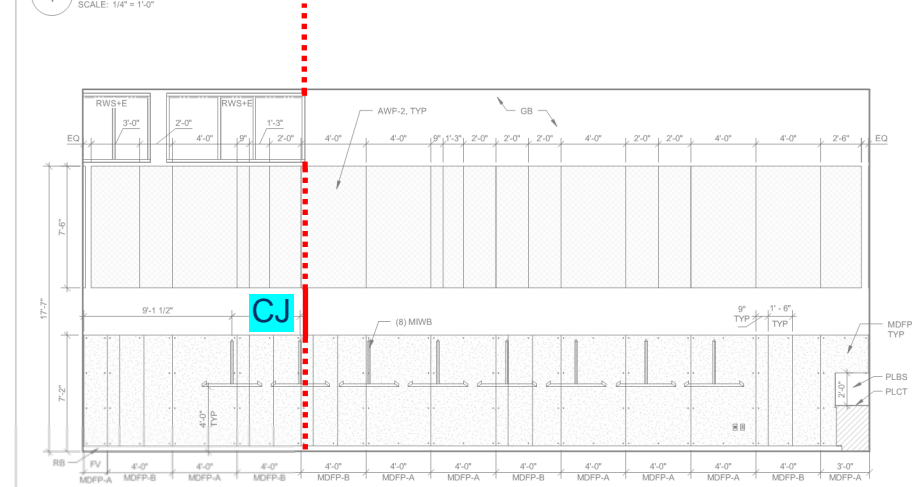
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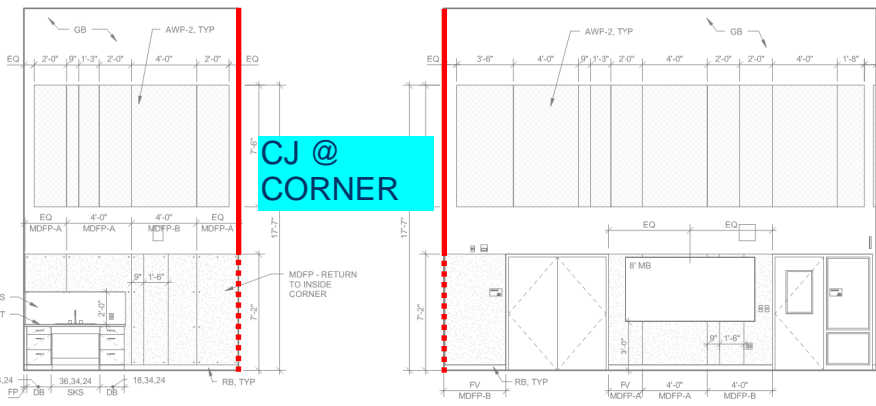
1 BAND
SCALE: 1/4" = 1'-0"



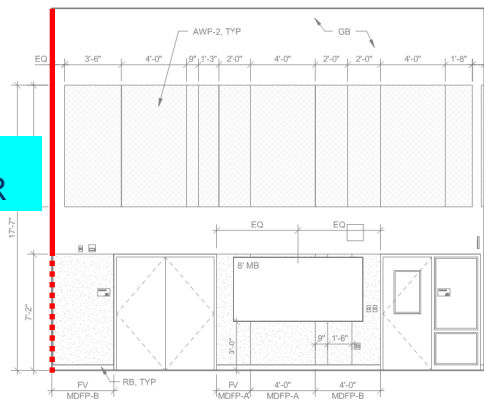
2 BAND
SCALE: 1/4" = 1'-0"



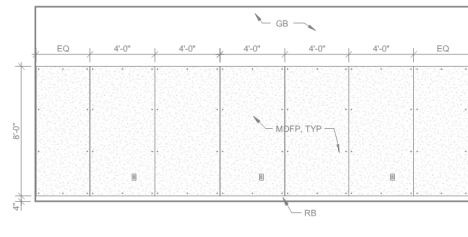
3 BAND
SCALE: 1/4" = 1'-0"



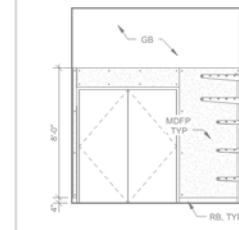
4 BAND
SCALE: 1/4" = 1'-0"



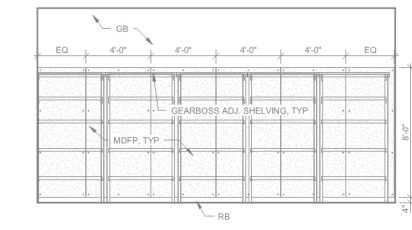
5 BAND
SCALE: 1/4" = 1'-0"



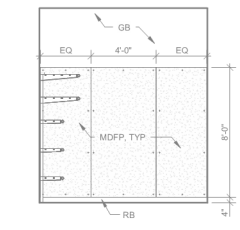
6 BAND STORAGE
SCALE: 1/4" = 1'-0"



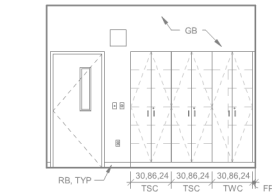
7 BAND STORAGE
SCALE: 1/4" = 1'-0"



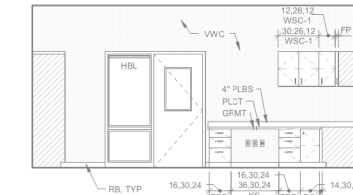
8 BAND STORAGE
SCALE: 1/4" = 1'-0"



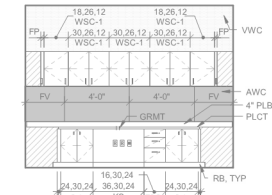
9 BAND STORAGE
SCALE: 1/4" = 1'-0"



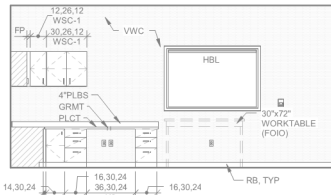
10 BAND STAFF
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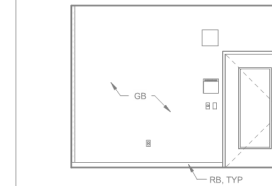
11 BAND STAFF
SCALE: 1/4" = 1'-0"



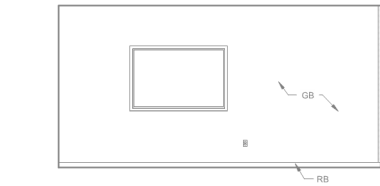
12 BAND STAFF
SCALE: 1/4" = 1'-0"



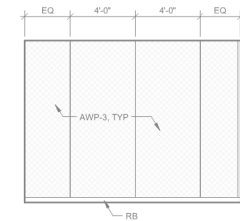
13 BAND STAFF
SCALE: 1/4" = 1'-0"



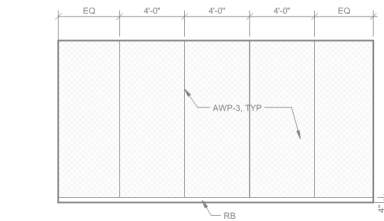
14 ENSEMBLE
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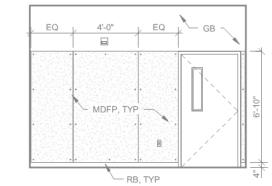
15 ENSEMBLE
SCALE: 1/4" = 1'-0"



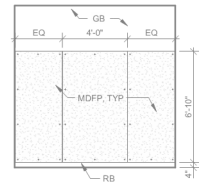
16 ENSEMBLE
SCALE: 1/4" = 1'-0"



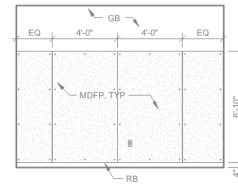
17 ENSEMBLE
SCALE: 1/4" = 1'-0"



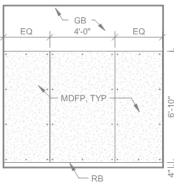
18 INST STOR
SCALE: 1/4" = 1'-0"



19 INST STOR
SCALE: 1/4" = 1'-0"



20 INST STOR
SCALE: 1/4" = 1'-0"



21 INST STOR
SCALE: 1/4" = 1'-0"

KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.		
KA	SSN	Definition
ADJ	12 35 50	ADJACENT
AV	09 84 33	AUDIO/VISUAL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
BC	12 35 50	BASE CABINET
DB	12 35 50	DRAWER BASE
EQ	12 35 50	EQUAL
FDB	12 35 50	FILE DRAWER BASE
FD10	12 35 50	FURNISHED/OWNER INSTALLED/OWNER
FP	12 35 50	FILLER PANEL
FV	09 29 00	FIELD VERIFY
GB	09 29 00	GYPSUM BOARD
GRMT	12 35 50	GROMMET
HBL	12 21 13	HORIZONTAL BLIND
INST	12 35 50	INSTRUCTIONAL
KS	12 35 50	KNEE SPACE
MB	10 11 00	MARKERBOARD
MBW	10 11 00	MARKERBOARD WALL
MDFP	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MECH	12 35 50	MECHANICAL
MWB	10 90 00	MUSICAL INSTRUMENT WALL BRACKET
PLBS	12 35 50	PLASTIC LAMINATE BACKSPLASH
PLCT	12 35 50	PLASTIC LAMINATE COUNTERTOP
PLWP	06 42 19	PLASTIC LAMINATE WOOD PANEL
RB	09 65 13	RESILIENT BASE
RWS+E	12 24 13	ROLLER WINDOW SHADE - ELECTRIC
SKS	12 35 50	SINK KNEE SPACE
STOR	12 35 50	STORAGE
TSC	12 35 50	TALL STORAGE CABINET
TWC	12 35 50	TEACHER'S WARDROBE CABINET
TYP	12 35 50	TYPICAL
VM	09 72 00	VIDEO MONITOR
VWC	09 72 00	VINYL WALL COVERING
WTH	12 35 50	WITH
WSC	12 35 50	WALL STORAGE CABINET

GENERAL NOTES

1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBERBOARD (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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PROJECT INFORMATION

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Northshore School District No. 417

SCHOOL DISTRICT LOGO



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04.13.2020	BID DOCUMENTS
04.20.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

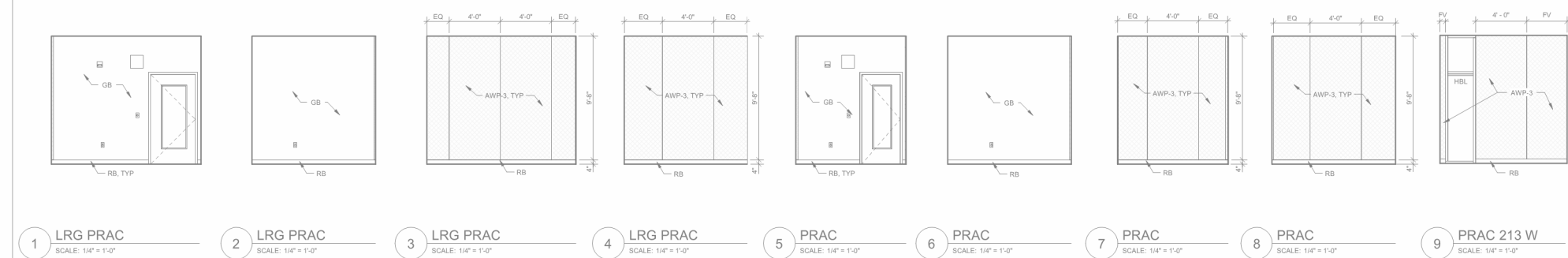
SHEET NAME

Interior Elevations

SHEET NUMBER

A10.09





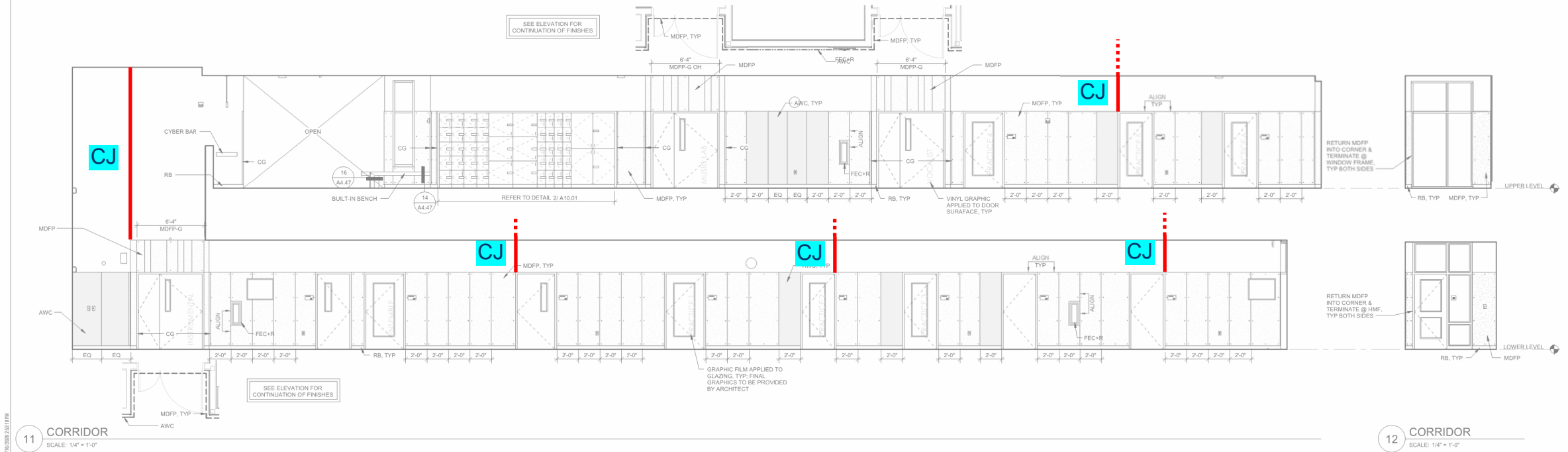
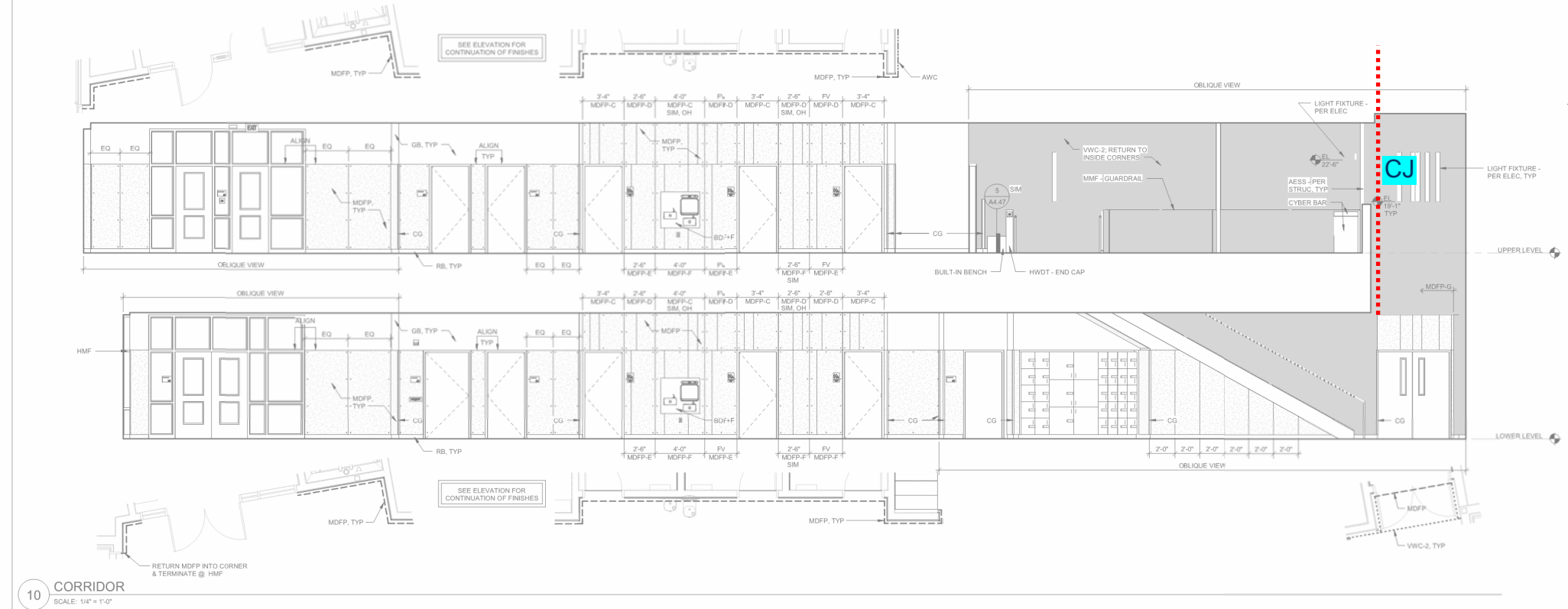
KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
AES	05 12 13	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
BD+F	22 00 00	B1-LEVEL DRINKING FOUNTAIN W/ FILLER
CG	10 26 13	CORNER GUARD
EL	-- -- --	ELEVATION (HEIGHT)
ELEC	-- -- --	ELECTRIC/ELECTRICAL
EQ	-- -- --	EQUAL
FEC+R	10 44 13	FIRE EXTINGUISHER CABINET - RECESSED
FV	-- -- --	FIELD VERIFY
GB	09 29 00	GYPSUM BOARD
HL	12 21 13	HORIZONTAL BLIND
HMF	08 11 13	HOLLOW METAL FRAME
HWDT	12 38 50	HARDWOOD TRIM (CSWK)
LAB	-- -- --	LABORATORY
LRG	-- -- --	LARGE
MDFP	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MMF	05 50 00	MISCELLANEOUS METAL FABRICATION
OH	-- -- --	OPPOSITE HAND
PLWP	06 42 19	PLASTIC LAMINATE WOOD PANEL
PRAC	-- -- --	PRACTICE
RB	09 68 13	RESILIENT BASE
SIM	-- -- --	SIMILAR
STRUC	-- -- --	STRUCTURAL
TYP	-- -- --	TYPICAL
VWC	09 72 00	VINYL WALL COVERING

GENERAL NOTES

1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBERBOARD PANEL (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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PROJECT INFORMATION

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Concert Hall +
Music
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Northshore School District No.
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SCHOOL DISTRICT LOGO



02.13.2019 SCHEMATIC DESIGN

04.08.2019 VALUE ENGINEERING

05.16.2019 SITE PLAN REVIEW

10.16.2019 DESIGN DEVELOPMENT

01.13.2020 CONSTRUCTION PERMIT REVIEW

03.23.2020 HEALTH DEPARTMENT PERMIT SUBMITTAL

04.13.2020 BID DOCUMENTS

04.26.2020 ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020

PROJECT NUMBER: 1711

SHEET NAME

Interior Elevations

SHEET NUMBER

A10.10





4010 LAKE WASHINGTON BLVD NE
SUITE 220
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PROJECT INFORMATION

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Concert Hall +
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Kenmore, WA 98028

Northshore School District No.
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SCHOOL DISTRICT LOGO



02.13.2019 SCHEMATIC DESIGN

04.08.2019 VALUE ENGINEERING

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04.13.2020 BID DOCUMENTS

04.26.2020 ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020

PROJECT NUMBER: 1711

SHEET NAME

Interior Elevations

SHEET NUMBER

A10.11

SECTION 092900 GYPSUM BOARD
ATTACHMENT: Control Joint Layout



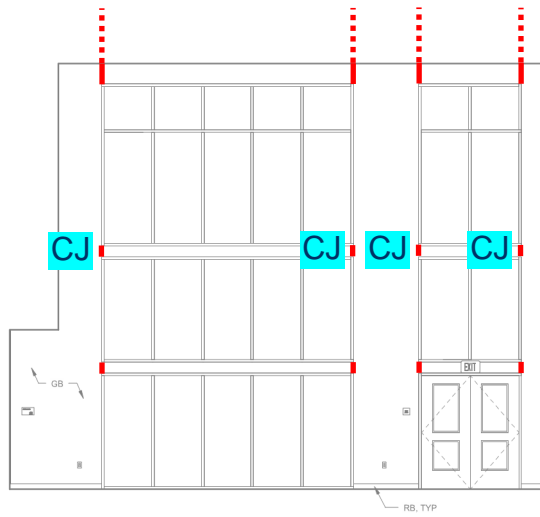
KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS
BY ALPHABET & SPECIFICATION DIVISION.

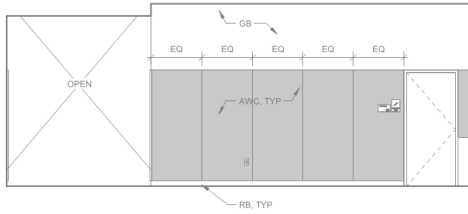
KA	SSN	Definition
AESS	05 12 13	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
BC	12 35 50	BASE CABINET
CG	10 26 13	CORNER GUARD
CL	- - - -	CENTER LINE
DBC	12 35 50	DRAWER BASE CABINET
DC	10 12 00	DISPLAY CASE
DTL	- - - -	DETAIL
ELEG	- - - -	ELECTRIC/ELECTRICAL
EP	- - - -	END PANEL
EQ	- - - -	EQUAL
FDB	12 35 50	FILE DRAWER BASE
FECFR	10 44 13	FIRE EXTINGUISHER CABINET - RECESSED
FP	- - - -	FACE OF FRAMING
FP	12 35 50	FILLER PANEL
FV	- - - -	FIELD VERIFY
GB	09 29 00	GYPSUM BOARD
HBL	12 21 13	HORIZONTAL BLIND
HSS	05 12 00	HOLLOW STRUCTURAL SECTION (HSS)
HWD	06 20 23	HARDWOOD
HWD	06 20 23	HARDWOOD TRIM
KS	12 35 50	KNEE SPACE
MB	10 11 00	MARKERBOARD
MDFP	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MMF	05 50 00	MISCELLANEOUS METAL FABRICATION
PLBS	12 35 50	PLASTIC LAMINATE BACKPLASH
PLCT	12 35 50	PLASTIC LAMINATE COUNTERTOP
PLWP	06 42 19	PLASTIC LAMINATE WALL PANEL
RB	09 85 13	RESILIENT BASE
RWS	12 24 13	ROLLER WINDOW SHADE
SIM	- - - -	SIMILAR
STOR	- - - -	STORAGE
STRUC	- - - -	STRUCTURAL
T/	- - - -	TOP OF
TECH	- - - -	TECHNICAL/TECHNOLOGY
TYP	- - - -	TYPICAL
VWC	09 72 00	VINYL WALL COVERING
WSC	12 35 50	WALL STORAGE CABINET

GENERAL NOTES

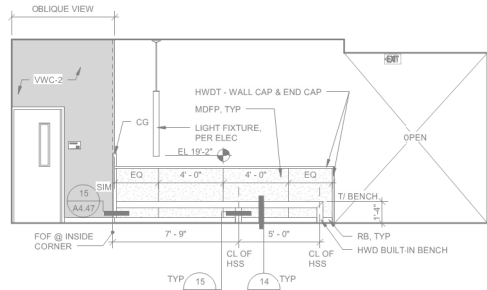
1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBER PANEL (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



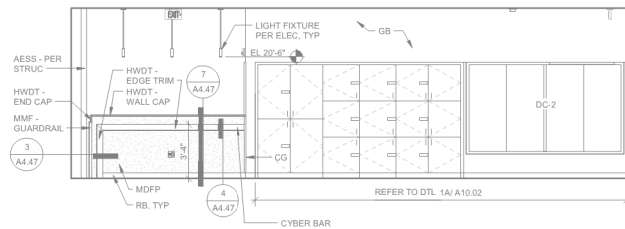
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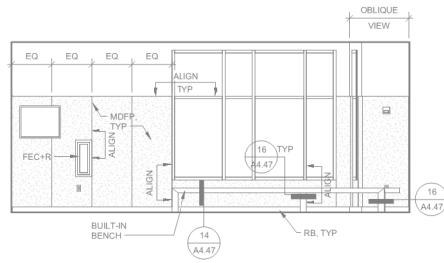
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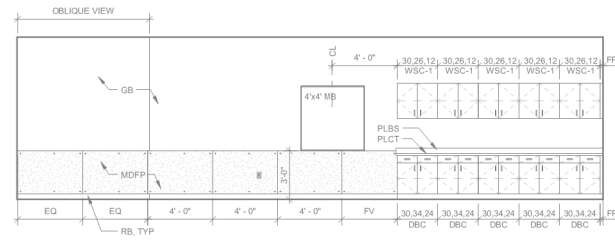
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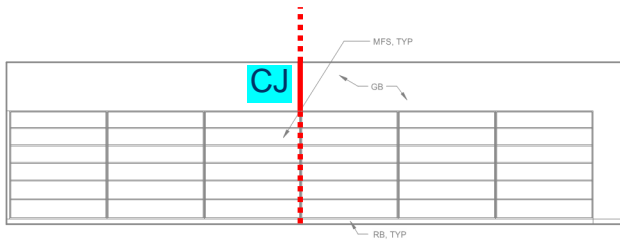
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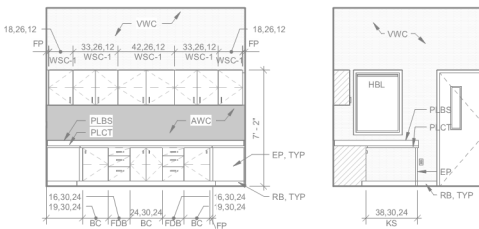
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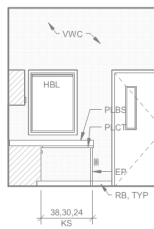
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SCALE: 1/4" = 1'-0"



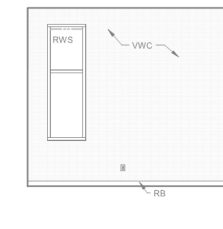
9 LIBRARY
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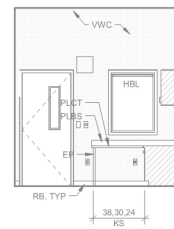
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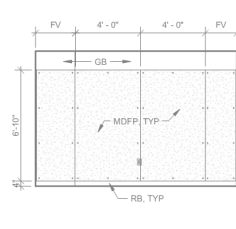
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SCALE: 1/4" = 1'-0"



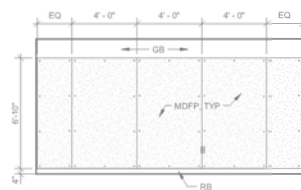
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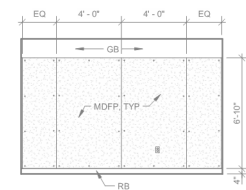
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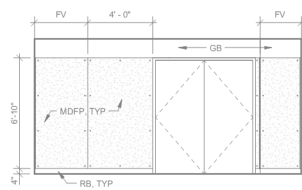
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SCALE: 1/4" = 1'-0"



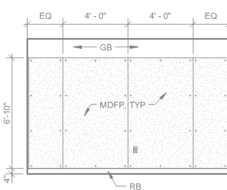
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SCALE: 1/4" = 1'-0"



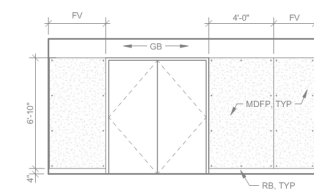
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SCALE: 1/4" = 1'-0"



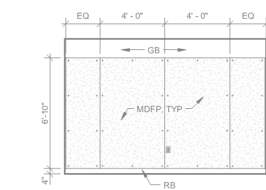
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SCALE: 1/4" = 1'-0"



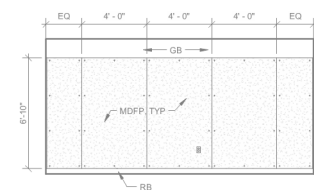
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SCALE: 1/4" = 1'-0"



19 MUSIC TECH STOR
SCALE: 1/4" = 1'-0"

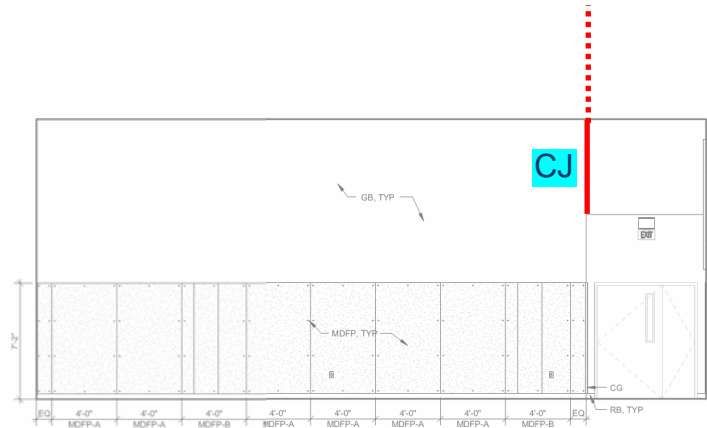


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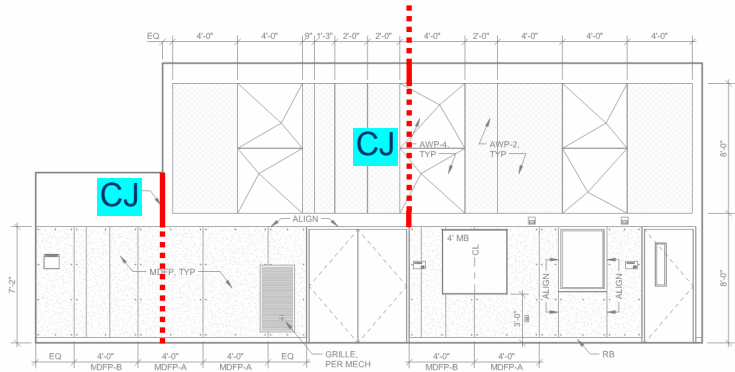


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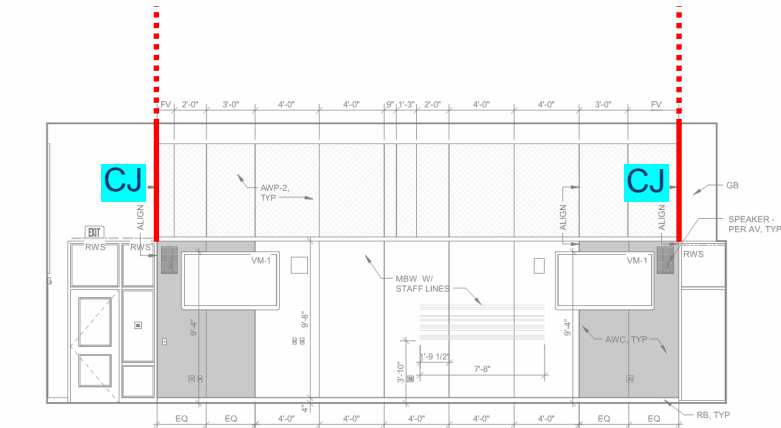
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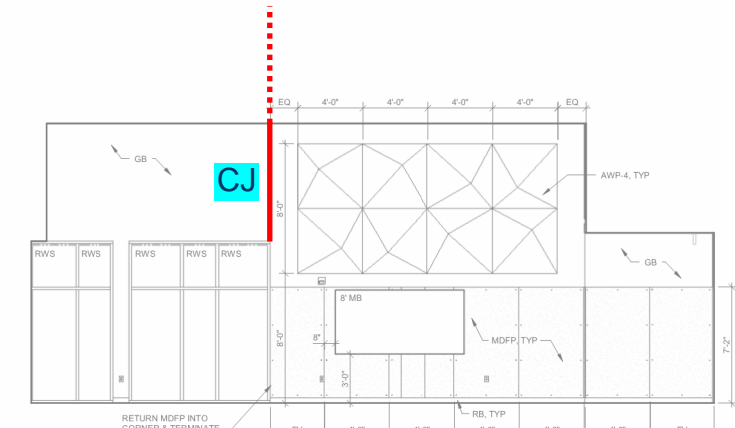
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SCALE: 1/4" = 1'-0"



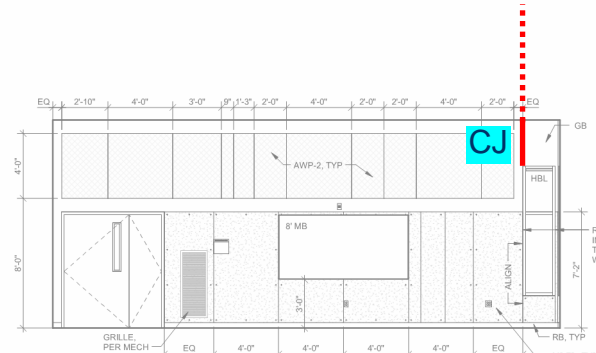
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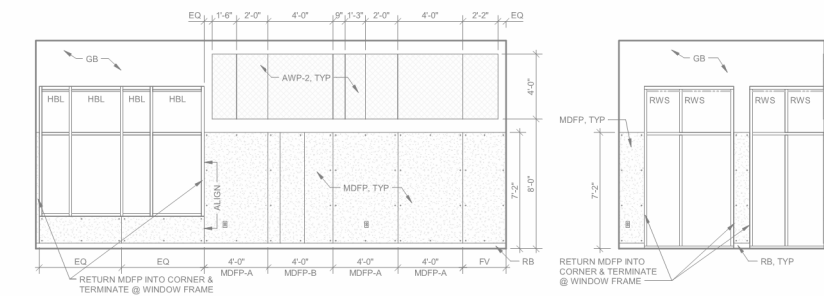
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SCALE: 1/4" = 1'-0"



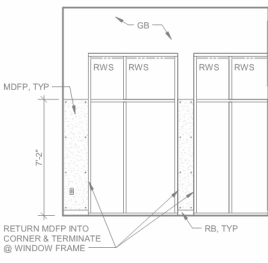
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SCALE: 1/4" = 1'-0"



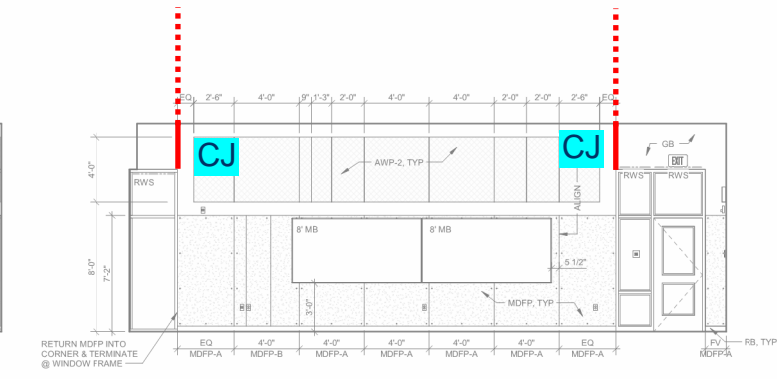
5 MUSIC TECH
SCALE: 1/4" = 1'-0"



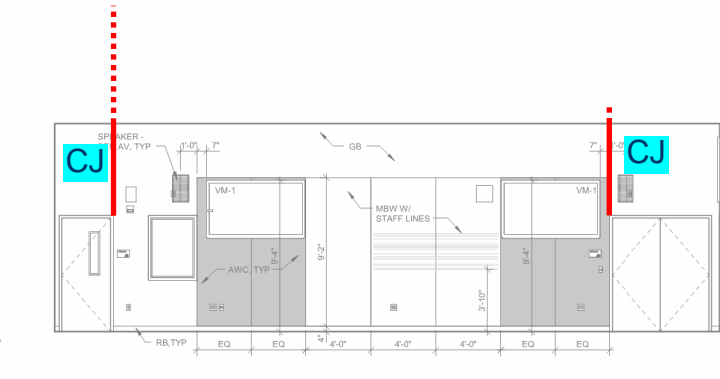
6 MUSIC TECH
SCALE: 1/4" = 1'-0"



7 MUSIC TECH
SCALE: 1/4" = 1'-0"



8 MUSIC TECH
SCALE: 1/4" = 1'-0"



9 MUSIC TECH
SCALE: 1/4" = 1'-0"

KEYLINK SCHEDULE

REFER TO SHEETS A0.01 & A0.02 FOR COMPREHENSIVE KEYLINK LEGENDS BY ALPHABET & SPECIFICATION DIVISION.

KA	SSN	Definition
AV	-- --	AUDIO/VISUAL
AWC	09 84 33	ACOUSTICAL WALL COVERING
AWP	09 84 33	ACOUSTICAL WALL PANEL
CG	10 26 13	CORNER GUARD
CL	-- --	CENTER LINE
EQ	-- --	EQUAL
FV	-- --	FIELD VERIFY
GB	09 29 00	GYPSUM BOARD
HBL	12 21 13	HORIZONTAL BLIND
MB	10 11 00	MARKERBOARD
MBW	10 11 00	MARKERBOARD WALL
MDFP	06 20 23	MEDIUM DENSITY FIBERBOARD PANELING
MECH	-- --	MECHANICAL
PLWP	06 42 19	PLASTIC LAMINATE WOOD PANEL
RB	09 65 13	RESILIENT BASE
RWS	12 24 13	ROLLER WINDOW SHADE
TECH	-- --	TECHNICAL/TECHNOLOGY
TYP	-- --	TYPICAL
VM	-- --	VIDEO MONITOR
W	-- --	WITH

GENERAL NOTES

1. REFER TO SHEET A4.51 FOR WALL FINISH DETAILS FOR ACOUSTICAL WALL COVERING (AWC), ACOUSTICAL WALL PANEL (AWP), MEDIUM DENSITY FIBER PANEL (MDFP), PLASTIC LAMINATE WALL PANEL (PLWP), & CORNER GUARDS (CG).



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ARCHITECT STAMP



CONSULTANT STAMP

PROJECT INFORMATION

Inglemoor High School Concert Hall + Music Building

Inglemoor High School
15500 Simonds Road NE
Kenmore, WA 98028

Northshore School District No.
417

SCHOOL DISTRICT LOGO



02.13.2019	SCHEMATIC DESIGN
04.08.2019	VALUE ENGINEERING
09.16.2019	SITE PLAN REVIEW
10.18.2019	DESIGN DEVELOPMENT
01.13.2020	CONTRACTABILITY REVIEW
02.23.2020	HEALTH DEPARTMENT PERMIT SUBMITTAL
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04.20.2020	ADDENDUM NO. 1

BID DOCUMENTS

04.13.2020
PROJECT NUMBER: 1711

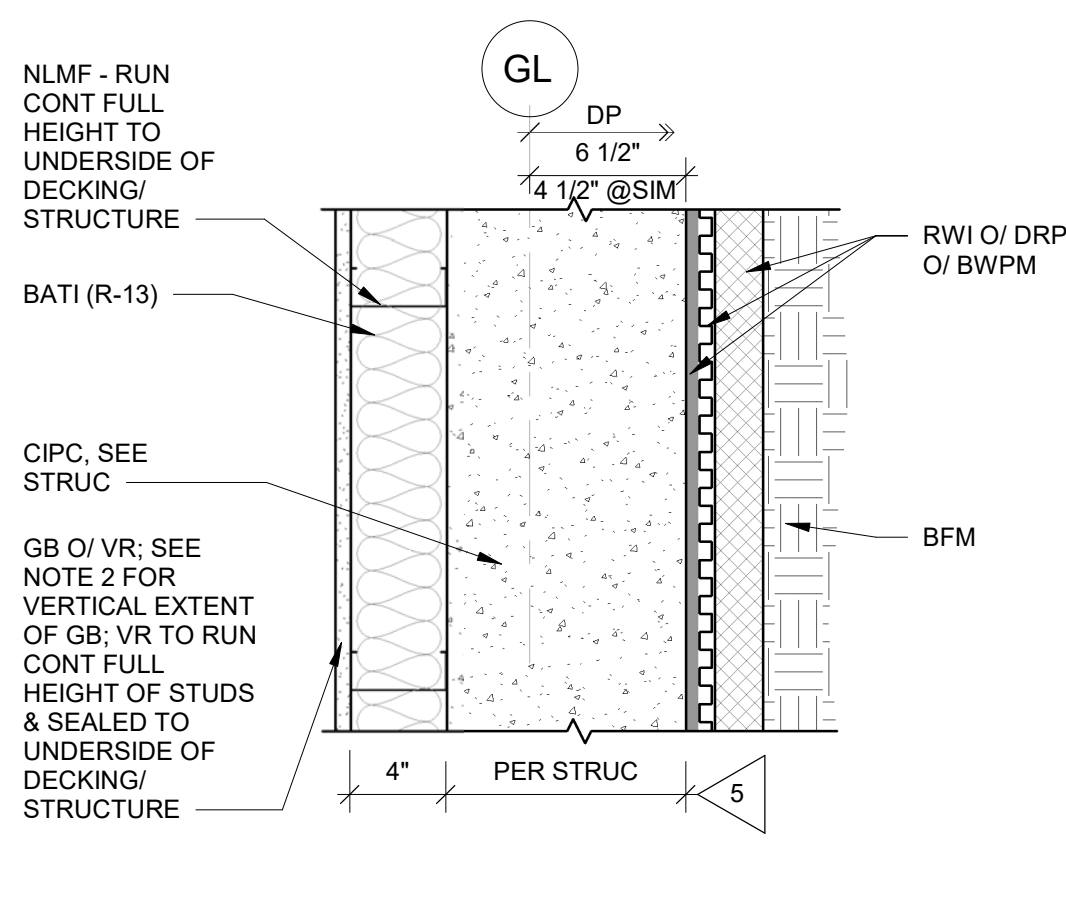
SHEET NAME

Interior Elevations

SHEET NUMBER

A10.12





ROOF REOTS	REQUIRED REQUIREMENTS
RRI	07 54 19 RIGID ROOF INSULATION (SPMR)
RWI	07 21 00 RIGID WALL INSULATION
SAB	09 29 00 SLANT ATTENUATION BLANKETS
SIM	07 54 19 SINGLE
SGO	03 30 00 SLAB-ON-GRADE
SPMR	07 54 19 SINGLE-PLY MEMBRANE ROOFING
SRD	05 31 00 STEEL ROOF DECK
SSBD	05 54 19 SUBSTRATE BOARD (SPMR)
SSG	05 12 00 STRUCTURAL STEEL FRAMING
SSF	05 00 00 SILL SEALER GASKET (CFMF)
STC	07 54 19 SOUND TRANSMISSION COEFFICIENT
STRUC	07 54 19 STRUCTURE
STW	07 42 13 SUB-FRAMING THERMAL SPACER (MWP)
SW	09 26 13 SUB-FRAMING THERMAL SPACER (CRP)
SW	09 41 18 SOUND WALL
T	07 54 19 TOP OF
TI	05 54 19 TAPERED INSULATION (SPMR)
TYP	07 54 19 TYPICAL
UNO	07 54 19 UNLESS NOTED OTHERWISE
VERT	07 54 19 VERTICAL
VR	07 21 00 VAPOR RETARDER (BATI)
WP	07 54 19 WORK POINT
WRBS	07 25 00 WEATHER RESISTANT BARRIER SYSTEM

VERTICAL. EXTEND OF WALL FRAMING MEMBERS AS FOLLOWS:

- @ CMFM: REFER TO STRUCTURAL
- @ NL/MF: REFER TO WALL TYPES

2. UNO, TERMINATE BEARER AS FOLLOWS:

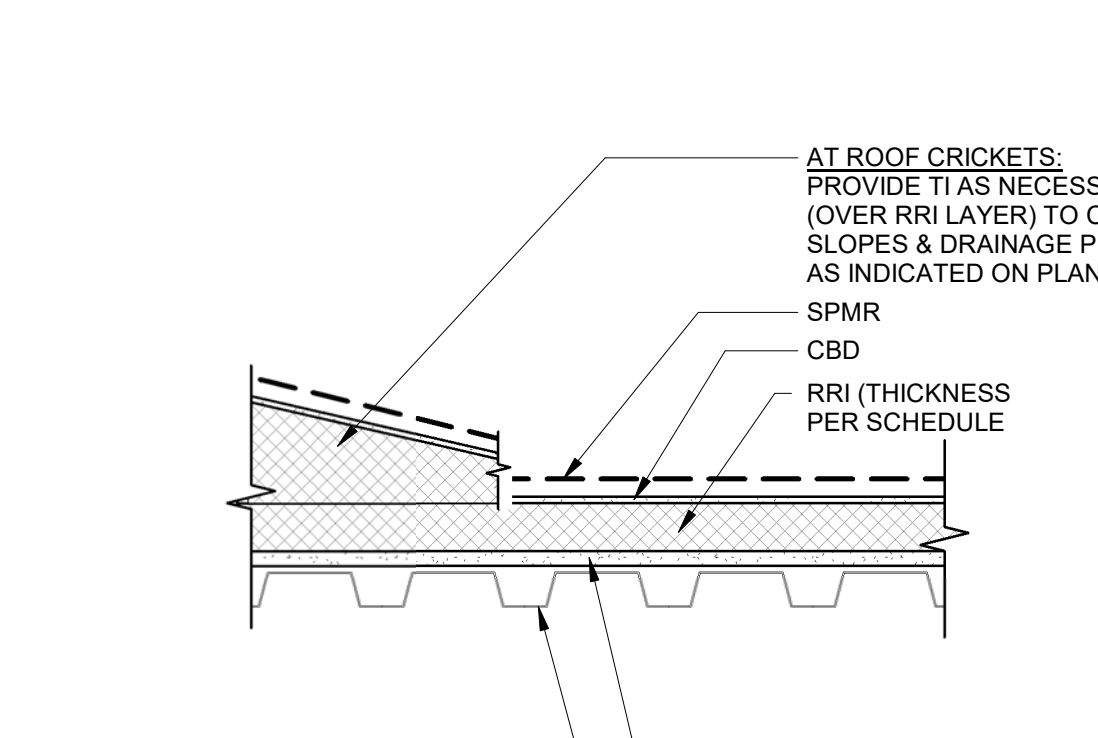
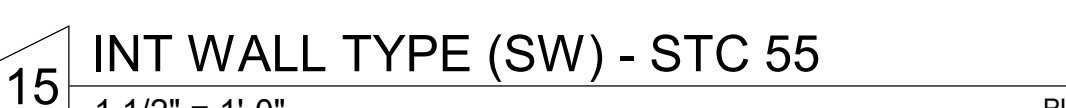
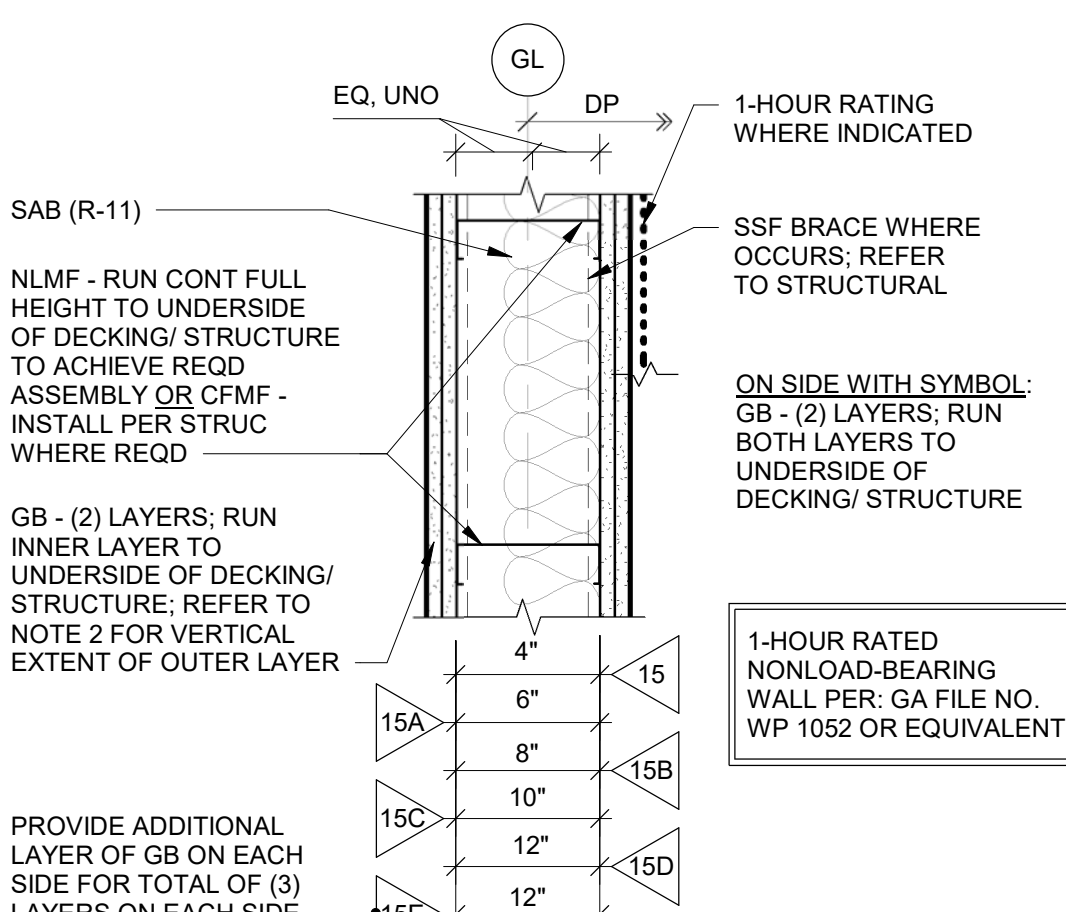
- @ SUPERIMPOSED CEILING: TERMINATE B6 ABOVE CEILING
- @ FRAMED CEILING / SOFFIT: TERMINATE B6 AT UNDERSIDE OF CEILING / SOFFIT FRAMING
- @ EXPOSED STRUCTURE: RUN G6 TO UNDERSIDE OF DECKING / STRUCTURE
- @ 1-HOUR RATING: RUN BOTH LAYERS TO UNDERSIDE OF DECKING / STRUCTURE

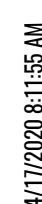
3. AT ALL FULL HEIGHT, NONLOAD-BEARING WALLS, PROVIDE COMPENSATION HEAD(S) AS APPLICABLE TO EACH CONDITION AS DETAILED ON A3.41. WALLS NOT REQUIRED TO EXTEND TO BOTTOM OF SECONDARY BEARING WALLS SHALL BE LATERALLY BRACED AT TOP WITH A DESIGN-BUILD OR MANUFACTURER PROVIDED SYSTEM ENGINEERED TO RESIST THE CONTROLLING LOADS REQUIRED UNDER SECTION 10.07.1.

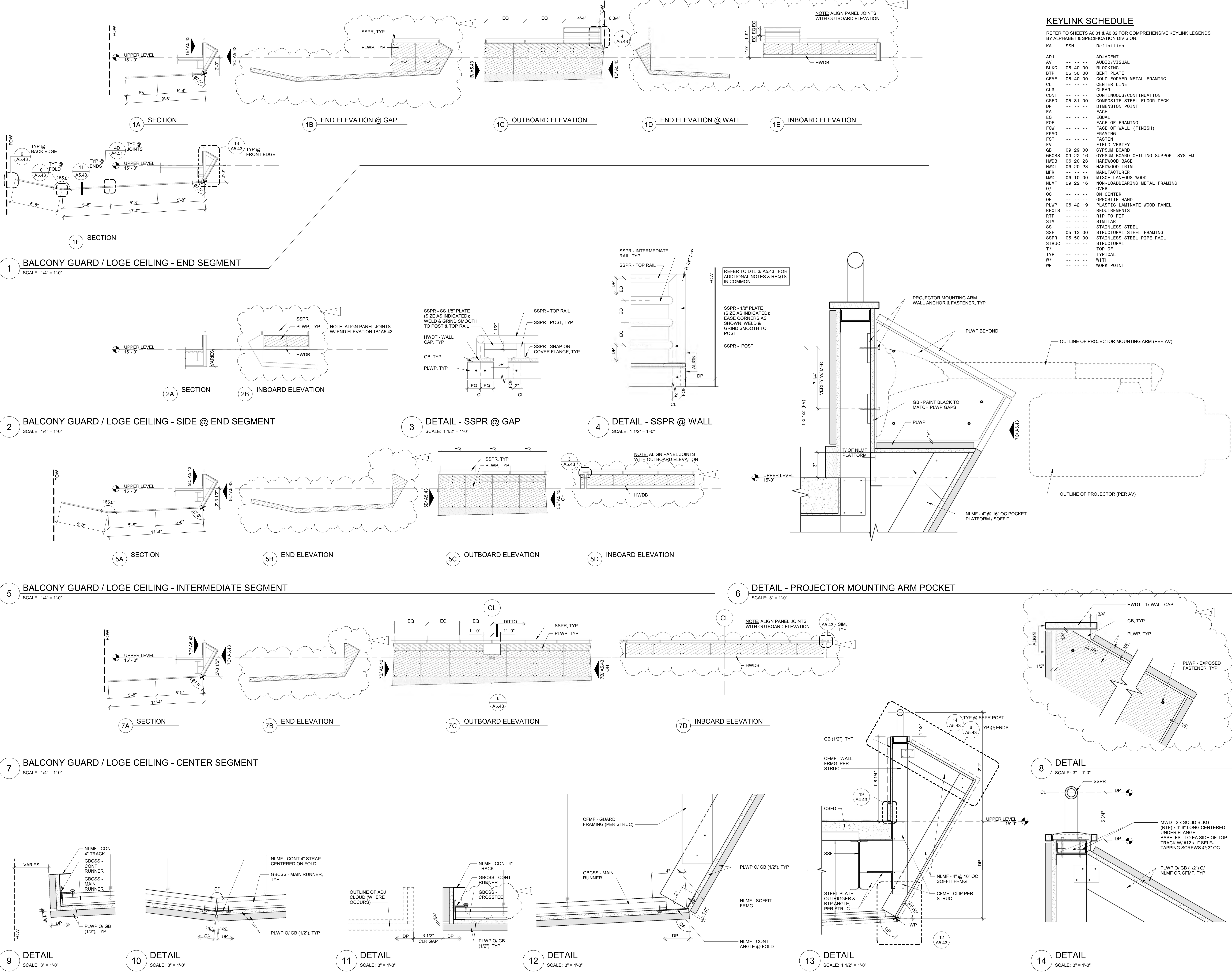
4. REFER TO FINISH PLANS AS SERIES FOR ADDITIONAL WALL FINISH REQUIREMENTS. PROVIDE CEMENT IN LIEU OF B6 (OUTER LAYER ONLY) WHERE PLAN INDICATES CT FINISH.

5. REFER TO STRUCTURAL FOR REQUIRED STUD SPACING FOR EXTERIOR WALLS AND INTERIOR BEARING WALLS. UNO, STUD SPACING FOR INTERIOR WALLS AS FURNISHED.

6. UNO, WHERE WALL TYPE FORMS ONE SIDE OF DUCT SHAFT OR CONCEALED VOID, DELETE WALL SHEATHING/FINISHES ON SHAFT OR VOID SIDE OF STUD (VR TO REMAIN @ EXTERIOR WALLS). EXCEPTION: SOUND WALL (SW) MEMBERS SHALL EXTEND CONT THRU DUCT SHAFTS OR CONCEALED VOIDS, UNO.







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BID DOCUMENTS

04.13.2020

PROJECT NUMBER: 1711

SHEET NAME

Reflected Ceiling Plan
Details - Area A -
Concert Hall

SHEET NUMBER

A5.43