INSTRUCTIONS TO BIDDERS

All Bidders interested in supplying product for, and/or performing work on the Stevensville Schoolos K-8 Gym Roof Replacement project located in Stevensville, Montana shall be subject to the requirements contained within the collective Bid Documents, which are outlined below:

1. Bid Addenda, if any.
2. Invitation to Bid
3. Instructions to Bidders
4. General Requirements
5. Project Specifications
6. Project Drawings
7. STEVENSVILLE Code of Conduct
8. 2020 MT State Prevailing Wage Rates Publications
9. Sample Pay Application Forms
10. Insurance Requirements

The designation of responsibility in the scopes of work takes precedence over the designation of responsibility on the drawings or specifications. If any conflict exists between these documents, precedence shall be determined by the order in which they are listed above. For example, if a conflict exists between the Plans and Specifications, Bidder is to follow the Specifications and include such requirements in his/her bid, unless requirements are altered by subsequent Bid Addenda issued during the bidding process.

Complete Bid Documents may be obtained at the following location:

Plans and Specifications are available for download by clicking the following dropbox link:

(STEVENSVILLE SD – INSERT LINK HERE)

During the bidding phase, all questions concerning the project, Bid Documents, bidding process, scope related items, plan discrepancies, pre-bid Requests for Information, product substitutions, etc. shall be directed to the Owner:

Dr. Robert Moore – Stevensville Superintendent
Ph: 406-777-5481
e-mail: mooreb@Stevensville.k12.mt.us

Bidders shall submit all questions to Owner in writing. Questions will be answered in a timely manner and may be used to generate Bid Addenda for distribution to all Bidders at the discretion of the Owner and Design Team. Oral, telephonic, or other form of communication other than a formal Bid Addenda shall not be construed as to alter the Bid Documents.

A PRE-BID WALKTHROUGH IS SCHEDULED FOR 1:00pm ON FEBRUARY 3rd, 2020. MEET AT THE STEVENSVILLE ADMINISTRATION BUILDING. PRE-BID WALK IS NON-MANDITORY BUT STRONGLY ADVISED.

Bidders shall review all documents carefully and completely before making their bids. SEALED bids for this project shall be submitted no later than 3:00PM MST on FEBRUARY 10th, 2020. Bids shall be delivered via hard/physical copy in sealed envelope only. Faxed, Emailed, or Phoned-In bids will not be accepted or considered. Please include information below on the cover of the sealed envelope.

Bidders Name and Address
Project: Stevensville Schools K-8 Gym Roof Replacement
Bid Date: {insert bid date according to this publication or subsequent addendum}

10% bid bond required to be included with your bid and within the sealed envelope.

Successful bidder will be required to provide a 100% Payment and Performance Bond for their scope(s) of work.
Bids shall remain valid for a period of thirty (30) days following the Bid Date and may not be revoked during this time.

Bids will be opened and read aloud at the STEVENSVILLE Facilities Building immediately after the bid due date. Bids will be evaluated by Owner and tabulated; results will be made available to anyone who requests results. Award and Notice to Proceed will be issued after STEVENSVILLE Board of Trustees approves the low-responsible bidder and the bid amount is acceptable to proceed.

The Owner may make such investigations as they deem necessary to determine the ability of the Bidder to perform the work, and the Bidder shall furnish all such information and data for this purpose as may be requested. The Owner reserves the right to reject any proposal if the evidence submitted by, or the investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Subcontract and complete the work contemplated therein.

The Owner reserves the right in awarding contracts to consider the competency, responsibility, and suitability of the Bidder, as well as the amount of the proposals.

The Owner also reserves the right to reject any or all proposals, or waive any irregularities or informalities in the proposals received.

Progress and final payment to the Contractor will only be processed upon receipt of a properly executed pay request from the Contractor. This pay request must be received by the Owner on or before the 25th of the month. Applications received after the 25th of the month will be held unprocessed until the following pay period.

Prior to commencing work, Contractor shall furnish and thereafter maintain certificates of insurance in accordance with the “Table of Insurance Requirements”. Certificates of insurance and the policies represented thereby shall not be cancelled or modified until thirty (30) days after written notice has been given to Owner of such cancellation or modification. Required coverage’s shall be maintained without interruption from the date the Contractor commences work on the Project until at least the date of the Contractor’s receipt of final payment.

END OF SECTION

GENERAL REQUIREMENTS

Bidders shall carefully review and consider the requirements listed below prior to submitting their bid.

Without limiting the scope of work contained within the balance of the Contract Documents, all bidders shall include and/or comply with the following:

1. Bidder represents and warrants by submissions of a bid that he/she has carefully examined the Construction Documents, any soil test reports, drainage studies, geotechnical or other reports, and the site of the Work and that, from his/her own investigations, he/she has satisfied himself/herself as to the nature and location of the Work, the character, quality, and quantity of surface and subsurface materials likely to be encountered, the character of equipment and other facilities needed for the performance of the Work, the general and local conditions and all other materials which may in any way affect the Work or its performance. Without Architect’s prior written approval, Bidder shall not be entitled to compensation for costs arising from the Bidders’ failure to visit the site or the Bidder’s failure to thoroughly study and compare all of the Bid Documents prior to submitting a bid.

2. Each Contractor shall be required to completely familiarize himself/herself with the plans and specifications, to visit the Work site to completely familiarize himself/herself with existing conditions, and to conduct any other appropriate investigations, inspections or inquiries prior
to submission of a bid or proposal. No increases in Contract Sums shall be allowed for failure to so inspect or investigate.

3. Successful Bidder shall require all construction workers, whether his/her own forces or the forces of lower tier Contractors, while on Owner’s property, to refrain from committing any criminal conduct, using tobacco products or vaping, possessing or drinking alcoholic beverages, possessing or using illegal drugs or any controlled substance, carrying weapons, speaking profane and/or offensive language, or engaging in any inappropriate interactions of any nature whatsoever with student and teachers, including talking, touching, staring or otherwise contributing to a hostile or offensive environment for Owner’s students and staff. All areas of campus, other than the defined construction area, shall be off limits to Successful Bidder’s forces, unless their work assignment specifies otherwise. Successful Bidder shall also require adequate and appropriate dress and identification of his/her employees, and Contractors carrying out the Work. No on-site fraternization shall occur between personnel under the Contractor’s direct or indirect supervision and Owner’s students or employees and the general public. Failure of an individual to adhere to these standards of conduct shall result in the immediate termination of the employment of the offending employee from all construction on any of Owner’s property. Repeated termination of Contractor’s forces, or one serious infraction, can result in the immediate termination of the Subcontract Agreement between the Successful Bidder and the Architect.

4. Successful Bidder releases, indemnifies and holds harmless the Architect and the Owner for Bidder’s forces’ non-compliance with Owner’s drug-free, alcohol-free, weapon-free, harassment-free, and tobacco-free zones, or Bidder’s forces’ noncompliance with immigration laws or regulations. Any individual found by Architect or Owner to have violated these restrictions is subject to permanent removal from the Project. Successful Bidder shall cooperate with the Architect and the Owner to ensure compliance with these requirements.

5. Radios and/or portable music players will not be allowed on the Project site during the performance of the Work.

6. Contractor (or lower tier Contractor) shall park company and personal motor vehicles on Owner’s property only in parking spaces designated for such use by the Owner. Any vehicles not parked in the appropriate locations will be towed at the vehicle owner’s sole expense.

7. Contractors shall be required to provide insurance coverage as listed within the bid documents.

8. Contractors shall be required to pay State of Montana prevailing wages to employees for all trades related to the Work. Contractors may be required to submit certified payrolls as documentation for payment of prevailing wages per Bid Documents.

9. Construction scheduling for a particular bid package may overlap between site activities and building activities.

10. Clean up of all debris generated by this work on a DAILY basis. If the Owner determines that the contractor has failed to adhere to the Owner’s high standards of cleanup, the Owner will send written notice of that determination to the contractor. Such notice will include a list of the project areas or conditions requiring the contractor’s immediate cleanup. If the contractor fails or refuses to cleanup the project in response to such notice within forth-eight (48) hours after receipt thereof, the Architect shall have the right, without further notice to the contractor to hire other firms or persons to clean up the project to the Architect’s satisfaction. The cost of such project cleanup shall be deducted from the Owner’s payment to the contractor. Such deductions shall not be deemed the Owner’s default on any payment provisions in the Contract Documents.

11. Contractor shall be required to submit all payment applications on forms provided in the bid documents. Failure to properly submit required forms, sworn statements, proper insurance information, and/or certified payrolls shall be cause for the Architect to withhold payment until such time that delinquent items have been rectified. Contractor shall have no recourse against Architect or Owner for failure to comply with this requirement.
12. Lien Wavers will be required for all Contractors and all suppliers for all pay applications per contract agreement.

13. The Owner will automatically withhold the 1% MGRT and report to the MT Dept. of Revenue. Vendors shall know that 1% MGRT will be withheld as per MCA statute.

14. Contractor shall work within normal business hours (M-F) only and comply with City of Stevensville noise ordinance(s). Any overtime work or work outside of normal hours will need to be arranged in advance with Owner.

15. 100% Payment and Performance Bonds shall be furnished for the entire bid/contract amount for the duration of the project. Bonds shall not be limited to the amount of each phase or provide phased coverage during construction of the project as a whole.

16. Provide site-specific safety manuals for project, and weekly safety meeting records. Contractors may be required to attend weekly onsite coordination meetings. All SDS information must be kept on-site at the jobsite location during the course of the project.

17. Provide all personnel and material lifts, hoisting, temporary electrical or heat or protection, etc. for this scope of work.

18. Access to the work site/areas for Owner will be maintained at all times. Worksite shall be safe to the public/staff/students at all times and Contractor shall include all provisions to complete the work per OSHA and Industry Standards. This may include any/all temporary fencing, shoring, barricades, signage, PPE, etc for the scope of work outside the building as well as inside the building.

19. Contractor will be responsible for completing the work within an occupied facility and working around live systems such as lighting, fire alarm, fire sprinkler, plumbing, etc. Any shut-downs of systems within the building or utilities outside the building shall be coordinate with Owner in advance.

20. Work is anticipated to commence on June 8th, 2020 and be 100% complete no later than August 21, 2020. Failure to complete the scope of work on or before 8/21/2020 may result in the contractor paying LIQUIDATED DAMAGES TO THE OWNER IN AN AMOUNT OF $500/CALENDAR DAY.

END OF SECTION
SECTION 024119 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 SUMMARY
A. Section Includes:
   1. Demolition and removal of selected portions of building or structure.

1.2 DEFINITIONS
A. Remove: Detach items from existing construction and dispose of them off-site unless indicated to be salvaged or reinstalled.
B. Remove and Salvage: Detach items from existing construction, in a manner to prevent damage, and deliver to Owner ready for reuse and store.
C. Remove and Reinstall: Detach items from existing construction, in a manner to prevent damage, prepare for reuse, and reinstall where indicated.
D. Existing to Remain: Leave existing items that are not to be removed and that are not otherwise indicated to be salvaged or reinstalled.
E. Dismantle: To remove by disassembling or detaching an item from a surface, using gentle methods and equipment to prevent damage to the item and surfaces; disposing of items unless indicated to be salvaged or reinstalled.

1.3 MATERIALS OWNERSHIP
A. Unless otherwise indicated, demolition waste becomes property of Contractor.

1.4 INFORMATIONAL SUBMITTALS
A. Proposed Protection Measures: Submit report, including Drawings, that indicates the measures proposed for protecting individuals and property, for environmental protection, for dust control and, for noise control. Indicate proposed locations and construction of barriers.

B. Schedule of selective demolition activities with starting and ending dates for each activity.

1.5 CLOSEOUT SUBMITTALS
A. Inventory of items that have been removed and salvaged.
1.6 FIELD CONDITIONS

A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.

B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.

D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
   1. Hazardous materials will be removed by Owner before start of the Work.
   2. If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Hazardous materials will be removed by Owner under a separate contract.

E. Storage or sale of removed items or materials on-site is not permitted.

F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
   1. Maintain fire-protection facilities in service during selective demolition operations.

G. Arrange selective demolition schedule so as not to interfere with Owner's operations.

1.7 WARRANTY

A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials and using approved contractors so as not to void existing warranties.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

B. Standards: Comply with ASSE A10.6 and NFPA 241.
PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify that utilities have been disconnected and capped before starting selective demolition operations.

B. If needed, engage a professional engineer to perform an engineering survey of condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during selective building demolition operations.

C. Inventory and record the condition of items to be removed and salvaged.

3.2 PREPARATION

A. Refrigerant: Before starting demolition, remove refrigerant from mechanical equipment according to 40 CFR 82 and regulations of authorities having jurisdiction.

3.3 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage.

3.4 PROTECTION

A. Temporary Protection: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

B. Temporary Shoring: If needed, design, provide, and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.

C. Remove temporary barricades and protections where hazards no longer exist.

3.5 SELECTIVE DEMOLITION

A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:

1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
3. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain portable fire-suppression devices during flame-cutting operations.
4. Maintain fire watch during and for at least six hours after flame-cutting operations.
5. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
6. Dispose of demolished items and materials promptly.

B. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

C. Removed and Salvaged Items:
   1. Clean salvaged items.
   2. Pack or crate items after cleaning. Identify contents of containers.
   3. Store items in a secure area until delivery to Owner.
   4. Transport items to Owner's storage area designated by Owner.
   5. Protect items from damage during transport and storage.

D. Removed and Reinstalled Items:
   1. Clean and repair items to functional condition adequate for intended reuse.
   2. Pack or crate items after cleaning and repairing. Identify contents of containers.
   3. Protect items from damage during transport and storage.
   4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.

E. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and cleaned and reinstalled in their original locations after selective demolition operations are complete.

3.6 CLEANING

A. Remove demolition waste materials from Project site and dispose of them in an EPA-approved construction and demolition waste landfill acceptable to authorities having jurisdiction.
   1. Do not allow demolished materials to accumulate on-site.
   2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
   3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
   4. Comply with requirements specified in Section 017419 "Construction Waste Management and Disposal."
B. Burning: Do not burn demolished materials.

C. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119
SECTION 075423 - THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Mechanically fastened, thermoplastic polyolefin (TPO) roofing system.
   2. Substrate and cover boards.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Wind Uplift Resistance Submittal: For roofing system, indicating compliance with wind uplift performance requirements.

1.3 INFORMATIONAL SUBMITTALS

A. Manufacturer Certificates:
      a. Submit evidence of compliance with performance requirements.
   2. Special Warranty Certificate: Signed by roof membrane manufacturer, certifying that all materials supplied under this Section are acceptable for special warranty.

B. Product Test Reports: For roof membrane and insulation, for tests performed by a qualified testing agency, indicating compliance with specified requirements.

C. Field Test Reports:
   1. Fastener-pullout test results and manufacturer's revised requirements for fastener patterns.

D. Field quality-control reports.

E. Sample warranties.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance data.
1.5 QUALITY ASSURANCE

A. Installer Qualifications: A qualified firm that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product and that is eligible to receive manufacturer's special warranty.

1.6 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of roofing system that fail in materials or workmanship within specified warranty period.

1. Warranty Period: 15 or 20 years from date of Substantial Completion. Please separate warranty price from the rest of the bid so Owner can review and select.

PART 2 - PRODUCTS

2.1 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

   1. Thickness: 60 mils (1.5 mm), nominal.
   2. Exposed Face Color: White.

2.2 AUXILIARY ROOFING MATERIALS

A. General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with other roofing components.
   1. Adhesive and Sealants: Comply with VOC limits of authorities having jurisdiction.

B. Sheet Flashing: Manufacturer's standard unreinforced TPO sheet flashing, 55 mils (1.4 mm) thick, minimum, of same color as TPO sheet.

C. Prefabricated Pipe Flashings: As recommended by roof membrane manufacturer.

D. Bonding Adhesive: Manufacturer's standard.

E. Slip Sheet: Manufacturer's standard, of thickness required for application.

F. Metal Termination Bars: Manufacturer's standard, predrilled stainless steel or aluminum bars, approximately 1 by 1/8 inch (25 by 3 mm) thick; with anchors.

G. Fasteners: Factory-coated steel fasteners and metal or plastic plates complying with corrosion-resistance provisions in FM Approvals 4470, designed for fastening roofing components to substrate, and acceptable to roofing system manufacturer.

H. Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, lap sealants, termination reglets, and other accessories.
I. Existing Underlayment Material: Inspect underlaying materials for water damage or other damages that would compromise the roof assembly.

J. Existing Substrate and Cover Boards: No replacement of substrate or cover board is currently planned.
   1. Upon removal of membrane, inspect any existing substrate or cover boards for water damage or other damages that would compromise the roof assembly.

K. Furnish and Install roof walk mats from any/all access ladders to serviceable rooftop equipment. Walk-mat materials to be as recommended by roof membrane manufacture and have same applicable warranty as the membrane roof system.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of the Work.

3.2 PREPARATION

A. Perform fastener-pullout tests according to roof system manufacturer's written instructions.
   1. Submit test result within 24 hours after performing tests.
      a. Include manufacturer's requirements for any revision to previously submitted fastener patterns required to achieve specified wind uplift requirements.

3.3 INSTALLATION OF ROOFING, GENERAL

A. Install roofing system according to roofing system manufacturer's written instructions.

B. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system at end of workday or when rain is forecast. Remove and discard temporary seals before beginning Work on adjoining roofing.

C. Install roof membrane and auxiliary materials to tie in to existing roofing to maintain weathertightness of transition and to not void warranty for existing roofing system.

3.4 INSTALLATION OF MECHANICALLY FASTENED ROOF MEMBRANE

A. Mechanically fasten roof membrane over area to receive roofing according to roofing system manufacturer's written instructions.

B. Unroll roof membrane and allow to relax before installing.
C. For in-splice attachment, install roof membrane with long dimension perpendicular to steel roof deck flutes.

D. Start installation of roofing in presence of roofing system manufacturer's technical personnel.

E. Accurately align roof membrane, and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.

F. Mechanically fasten or adhere roof membrane securely at terminations, penetrations, and perimeter of roofing.

G. Apply roof membrane with side laps shingled with slope of roof deck where possible.

H. In-Seam Attachment: Secure one edge of TPO sheet using fastening plates or metal battens centered within seam, and mechanically fasten TPO sheet to roof deck.

I. Seams: Clean seam areas, overlap roof membrane, and hot-air weld side and end laps of roof membrane and sheet flashings to ensure a watertight seam installation.

   1. Test lap edges with probe to verify seam weld continuity. Apply lap sealant to seal cut edges of roof membrane and flashing sheet.
   2. Verify field strength of seams a minimum of twice daily, and repair seam sample areas.
   3. Repair tears, voids, and lapped seams in roof membrane that do not comply with requirements.

J. Spread sealant bed over deck-drain flange at roof drains, and securely seal roof membrane in place with clamping ring.

3.5 INSTALLATION OF BASE FLASHING

A. Install sheet flashings and preformed flashing accessories, and adhere to substrates according to roofing system manufacturer's written instructions.

B. Apply bonding adhesive to substrate and underside of sheet flashing at required rate, and allow to partially dry. Do not apply to seam area of flashing.

C. Flash penetrations and field-formed inside and outside corners with cured or uncured sheet flashing.

D. Clean seam areas, overlap, and firmly roll sheet flashings into the adhesive. Hot-air weld side and end laps to ensure a watertight seam installation.

E. Terminate and seal top of sheet flashings and mechanically anchor to substrate through termination bars.

3.6 PROTECTING AND CLEANING

A. Protect roofing system from damage and wear during remainder of construction period. When remaining construction does not affect or endanger roofing system, inspect roofing system for
deterioration and damage, describing its nature and extent in a written report, with copies to Architect and Owner.

B. Correct deficiencies in or remove roofing system that does not comply with requirements, repair substrates, and repair or reinstall roofing system to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.

C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 075423
SECTION 076200 - SHEET METAL FLASHING AND TRIM

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Formed roof-drainage sheet metal fabrications.
   2. Formed low-slope roof sheet metal fabrications.

1.2 ACTION SUBMITTALS

A. Product Data: For each of the following
   1. Underlayment materials.
   2. Elastomeric sealant.
   3. Butyl sealant.
   4. Epoxy seam sealer.

B. Shop Drawings: For sheet metal flashing and trim.
   1. Include plans, elevations, sections, and attachment details.
   2. Detail fabrication and installation layouts, expansion-joint locations, and keyed details. Distinguish between shop- and field-assembled Work.
   3. Include identification of material, thickness, weight, and finish for each item and location in Project.
   4. Include details for forming, including profiles, shapes, seams, and dimensions.
   5. Include details for joining, supporting, and securing, including layout and spacing of fasteners, cleats, clips, and other attachments. Include pattern of seams.
   6. Include details of termination points and assemblies.
   7. Include details of expansion joints and expansion-joint covers, including showing direction of expansion and contraction from fixed points.
   8. Include details of roof-penetration flashing.
   9. Include details of edge conditions, including eaves, ridges, valleys, rakes, crickets, flashings, and counterflashings.
  10. Include details of special conditions.
  11. Include details of connections to adjoining work.

C. Samples: For each exposed product and for each color and texture specified, 12 inches (300 mm) long by actual width.

1.3 INFORMATIONAL SUBMITTALS

A. Product Certificates: For each type of coping and roof edge flashing that is ANSI/SPRI/FM 4435/ES-1 tested and FM Approvals approved.
B. Evaluation Reports: For copings and roof edge flashing, from an agency acceptable to authority having jurisdiction showing compliance with ANSI/SPRI/FM 4435/ES-1.

C. Sample warranty.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance data.

B. Special warranty.

1.5 QUALITY ASSURANCE

A. Fabricator Qualifications: Employs skilled workers who custom fabricate sheet metal flashing and trim similar to that required for this Project and whose products have a record of successful in-service performance.

1. For copings and roof edge flashings that are ANSI/SPRI/FM 4435/ES-1 tested, shop shall be listed as able to fabricate required details as tested and approved.

1.6 WARRANTY

A. Special Warranty on Finishes: Manufacturer agrees to repair finish or replace sheet metal flashing and trim that shows evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:

   a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
   b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
   c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Sheet metal flashing and trim assemblies, including cleats, anchors, and fasteners, shall withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Completed sheet metal flashing and trim shall not rattle, leak, or loosen, and shall remain watertight.
B. Sheet Metal Standard for Flashing and Trim: Comply with SMACNA's "Architectural Sheet Metal Manual" requirements for dimensions and profiles shown unless more stringent requirements are indicated.

C. SPRI Wind Design Standard: Manufacture and install copings and roof edge flashings tested in accordance with ANSI/SPRI/FM 4435/ES-1 and capable of resisting maximum anticipated local wind pressures.

D. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes to prevent buckling, opening of joints, overstressing of components, failure of joints, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change: 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.

2.2 SHEET METALS

A. Protect mechanical and other finishes on exposed surfaces from damage by applying strippable, temporary protective film before shipping.

B. Metallic-Coated Steel Sheet: Provide zinc-coated (galvanized) steel sheet in accordance with ASTM A653/A653M, G90 (Z275) coating designation; prepainted by coil-coating process to comply with ASTM A755/A755M.

1. Surface: Smooth, flat.
2. Exposed Coil-Coated Finish:
   a. Two-Coat Fluoropolymer: AAMA 621. Fluoropolymer finish containing not less than 70 percent polyvinylidene fluoride (PVDF) resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
3. Color: As selected by Architect from manufacturer's full range.
4. Concealed Finish: Pretreat with manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with minimum total dry film thickness of 0.5 mil (0.013 mm).

2.3 UNDERLAYMENT MATERIALS

A. Felt: ASTM D226/D226M, Type II (No. 30), asphalt-saturated organic felt; nonperforated.

B. Synthetic Underlayment: Laminated or reinforced, woven polyethylene or polypropylene, synthetic roofing underlayment; bitumen free; slip resistant; suitable for high temperatures over 220 deg F (111 deg C); and complying with physical requirements of ASTM D226/D226M for Type I and Type II felts.
C. Self-Adhering, High-Temperature Sheet Underlayment: Minimum 30 mils (0.76 mm) thick, consisting of a slip-resistant polyethylene- or polypropylene-film top surface laminated to a layer of butyl- or SBS-modified asphalt adhesive, with release-paper backing; specifically designed to withstand high metal temperatures beneath metal roofing. Provide primer in accordance with underlayment manufacturer's written instructions.

1. Low-Temperature Flexibility: ASTM D1970/D1970M; passes after testing at minus 20 deg F (29 deg C) or lower.

D. Slip Sheet: Rosin-sized building paper, 3 lb/100 sq. ft. (0.16 kg/sq. m) minimum.

2.4 MISCELLANEOUS MATERIALS

A. Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and as recommended by manufacturer of primary sheet metal or manufactured item unless otherwise indicated.

B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal or manufactured item.

1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.

   a. Exposed Fasteners: Heads matching color of sheet metal using plastic caps or factory-applied coating. Provide metal-backed EPDM or PVC sealing washers under heads of exposed fasteners bearing on weather side of metal.

   b. Blind Fasteners: High-strength aluminum or stainless steel rivets suitable for metal being fastened.

   c. Spikes and Ferrules: Same material as gutter; with spike with ferrule matching internal gutter width.

2. Fasteners for Zinc-Coated (Galvanized) Steel Sheet: Series 300 stainless steel or hot-dip galvanized steel in accordance with ASTM A153/A153M or ASTM F2329.

C. Sealant Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch (13 mm) wide and 1/8 inch (3 mm) thick.

D. Elastomeric Sealant: ASTM C920, elastomeric polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.

E. Bituminous Coating: Cold-applied asphalt emulsion in accordance with ASTM D1187/D1187M.

2.5 FABRICATION, GENERAL

A. Custom fabricate sheet metal flashing and trim to comply with details indicated and recommendations in cited sheet metal standard that apply to design, dimensions, geometry, metal thickness, and other characteristics of item required.

1. Fabricate sheet metal flashing and trim in shop to greatest extent possible.
2. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.
3. Verify shapes and dimensions of surfaces to be covered and obtain field measurements for accurate fit before shop fabrication.
4. Form sheet metal flashing and trim to fit substrates without excessive oil-canning, buckling, and tool marks; true to line, levels, and slopes; and with exposed edges folded back to form hems.
5. Conceal fasteners and expansion provisions where possible. Do not use exposed fasteners on faces exposed to view.

B. Fabrication Tolerances:
1. Fabricate sheet metal flashing and trim that is capable of installation to a tolerance of 1/4 inch in 20 feet (6 mm in 6 m) on slope and location lines indicated on Drawings and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.
2. Fabricate sheet metal flashing and trim that is capable of installation to tolerances specified.

C. Expansion Provisions: Form metal for thermal expansion of exposed flashing and trim.
1. Form expansion joints of intermeshing hooked flanges, not less than 1 inch (25 mm) deep, filled with butyl sealant concealed within joints.
2. Use lapped expansion joints only where indicated on Drawings.

D. Sealant Joints: Where movable, nonexpansion-type joints are required, form metal in accordance with cited sheet metal standard to provide for proper installation of elastomeric sealant.

E. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.

F. Seams:
1. Fabricate nonmoving seams with flat-lock seams. Form seams and seal with elastomeric sealant unless otherwise recommended by sealant manufacturer for intended use. Rivet joints where necessary for strength.

2.6 ROOF-DRAINAGE SHEET METAL FABRICATIONS

A. Parapet Scuppers: Fabricate scuppers to dimensions required, with closure flange trim to exterior, 4-inch- (100-mm-) wide wall flanges to interior, and base extending 4 inches (100 mm) beyond cant or tapered strip into field of roof. Fabricate from the following materials:
1. Aluminum-Zinc Alloy-Coated Steel: 24 gauge thick.

2.7 LOW-SLOPE ROOF SHEET METAL FABRICATIONS

A. Roof Edge Flashing (Gravel Stop) and Fascia Cap: Fabricate in minimum 96-inch- (2400-mm-) long, but not exceeding 12-foot- (3.6-m-) long sections. Furnish with 6-inch- (150-mm-) wide, joint cover plates. Shop fabricate interior and exterior corners.
1. Fabricate from the following materials:
   a. Aluminum-Zinc Alloy-Coated Steel: 0.028 inch (0.71 mm) thick.

B. Copings: Fabricate in minimum 96-inch- (2400-mm-) long, but not exceeding 12-foot- (3.6-m-) long, sections. Fabricate joint plates of same thickness as copings. Furnish with continuous cleats to support edge of external leg and drill elongated holes for fasteners on interior leg. Miter corners, fasten and seal watertight. Shop fabricate interior and exterior corners.

1. Fabricate from the following materials:
   a. Aluminum-Zinc Alloy-Coated Steel: 0.040 inch (1.02 mm) or thicker.

C. Base Flashing: Shop fabricate interior and exterior corners. Fabricate from the following materials:
   1. Aluminum-Zinc Alloy-Coated Steel: 24 gauge thick.

D. Counterflashing: Shop fabricate interior and exterior corners. Fabricate from the following materials:
   1. Aluminum-Zinc Alloy-Coated Steel: 24 gauge thick.

E. Roof-Penetration Flashing: Fabricate from the following materials:
   1. Aluminum-Zinc Alloy-Coated Steel: 24 gauge thick.
   2. Stainless Steel: 0.0156 inch (0.396 mm) or thicker.

F. Roof-Drain Flashing: Fabricate from the following materials:
   1. If demolition reveals that any new Aluminum-Zinc Alloy-Coated Steel will be placed in contact with concrete or mortar, notify architect and discuss replacing with Galvanized Steel.

PART 3 - EXECUTION

3.1 INSTALLATION OF UNDERLAYMENT

A. Felt Underlayment: Install felt underlayment, wrinkle free, using adhesive to minimize use of mechanical fasteners under sheet metal flashing and trim.

1. Install in shingle fashion to shed water.
2. Lap joints not less than 2 inches (50 mm).

B. Self-Adhering, High-Temperature Sheet Underlayment:

1. Install self-adhering, high-temperature sheet underlayment; wrinkle free.
2. Prime substrate if recommended by underlayment manufacturer.
3. Comply with temperature restrictions of underlayment manufacturer for installation; use primer for installing underlayment at low temperatures.
4. Apply in shingle fashion to shed water, with end laps of not less than 6 inches (150 mm) staggered 24 inches (600 mm) between courses.
5. Overlap side edges not less than 3-1/2 inches (90 mm). Roll laps and edges with roller.
6. Roll laps and edges with roller.
7. Cover underlayment within 14 days.

3.2 INSTALLATION, GENERAL

A. Install sheet metal flashing and trim to comply with details indicated and recommendations of cited sheet metal standard that apply to installation characteristics required unless otherwise indicated on Drawings.

1. Install fasteners, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
2. Install sheet metal flashing and trim true to line, levels, and slopes. Provide uniform, neat seams with minimum exposure of welds and sealant.
3. Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement.
4. Install sheet metal flashing and trim to fit substrates and to result in watertight performance.
5. Install continuous cleats with fasteners spaced not more than 12 inches (300 mm) o.c.
6. Space individual cleats not more than 12 inches (300 mm) apart. Attach each cleat with at least two fasteners. Bend tabs over fasteners.
7. Install exposed sheet metal flashing and trim with limited oil-canning, and free of buckling and tool marks.
8. Do not field cut sheet metal flashing and trim by torch.

B. Metal Protection: Where dissimilar metals contact each other, or where metal contacts pressure-treated wood or other corrosive substrates, protect against galvanic action or corrosion by painting contact surfaces with bituminous coating or by other permanent separation as recommended by sheet metal manufacturer or cited sheet metal standard.

1. Underlayment: Where installing sheet metal flashing and trim directly on cementitious or wood substrates, install underlayment and cover with slip sheet.

C. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim.

1. Space movement joints at maximum of 10 feet (3 m) with no joints within 24 inches (600 mm) of corner or intersection.
2. Form expansion joints of intermeshing hooked flanges, not less than 1 inch (25 mm) deep, filled with sealant concealed within joints.
3. Use lapped expansion joints only where indicated on Drawings.

D. Fasteners: Use fastener sizes that penetrate wood blocking or sheathing not less than 1-1/4 inches (32 mm) for nails and not less than 3/4 inch (19 mm) for wood screws or not less than recommended by fastener manufacturer to achieve maximum pull-out resistance.

E. Conceal fasteners and expansion provisions where possible in exposed work and locate to minimize possibility of leakage. Cover and seal fasteners and anchors as required for a tight installation.

F. Seal joints as required for watertight construction.

1. Use sealant-filled joints unless otherwise indicated.
a. Embed hooked flanges of joint members not less than 1 inch (25 mm) into sealant.
b. Form joints to completely conceal sealant.
c. When ambient temperature at time of installation is between 40 and 70 deg F (4 and 21 deg C), set joint members for 50 percent movement each way.
d. Adjust setting proportionately for installation at higher ambient temperatures.

1) Do not install sealant-type joints at temperatures below 40 deg F (4 deg C).

2. Prepare joints and apply sealants to comply with requirements recommended by sheet metal flashing and roofing manufacturers.

G. Rivets: Rivet joints where necessary for strength.

3.3 INSTALLATION OF ROOF-DRAINAGE SYSTEM

A. Install sheet metal roof-drainage items to produce complete roof-drainage system in accordance with cited sheet metal standard unless otherwise indicated. Coordinate installation of roof perimeter flashing with installation of roof-drainage system.

B. Parapet Scuppers:

1. Reuse existing parapet scuppers if materials are in good condition, showing no signs of deterioration, leaks, or corrosion. Reseal existing materials as needed.
2. Continuously support scupper, set to correct elevation, and seal flanges to interior wall face, over cants or tapered edge strips, and under roofing membrane.
3. Anchor scupper closure trim flange to exterior wall and seal with elastomeric sealant to scupper.
4. Loosely lock front edge of scupper with conductor head.
5. Seal with elastomeric sealant exterior wall scupper flanges into back of conductor head.

3.4 INSTALLATION OF ROOF FLASHINGS

A. Install sheet metal flashing and trim to comply with performance requirements, sheet metal manufacturer's written installation instructions, and cited sheet metal standard.

1. Provide concealed fasteners where possible, and set units true to line, levels, and slopes.
2. Install work with laps, joints, and seams that are permanently watertight and weather resistant.

B. Roof Edge Flashing:

1. Install roof edge flashings in accordance with ANSI/SPRI/FM 4435/ES-1.
2. Anchor to resist uplift and outward forces in accordance with recommendations in cited sheet metal standard unless otherwise indicated. Interlock bottom edge of roof edge flashing with continuous cleat anchored to substrate at staggered 3-inch (75-mm) centers.
3. Anchor to resist uplift and outward forces in accordance with recommendations in FM Global Property Loss Prevention Data Sheet 1-49 for FM Approvals' listing for required windstorm classification.
C. Copings:
   1. Install roof edge flashings in accordance with ANSI/SPRI/FM 4435/ES-1.
   2. Anchor to resist uplift and outward forces in accordance with recommendations in cited sheet metal standard unless otherwise indicated.
      a. Interlock exterior bottom edge of coping with continuous cleat anchored to substrate at 24-inch (600-mm) centers.
      b. Anchor interior leg of coping with washers and screw fasteners through slotted holes at 24-inch (600-mm) centers.
   3. Anchor to resist uplift and outward forces in accordance with recommendations in FM Global Property Loss Prevention Data Sheet 1-49 for specified FM Approvals' listing for required windstorm classification.

D. Pipe or Post Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending minimum of 4 inches (100 mm) over base flashing. Install stainless steel draw band and tighten.

E. Counterflashing: Coordinate installation of counterflashing with installation of base flashing.
   1. Insert counterflashing in reglets or receivers and fit tightly to base flashing.
   2. Extend counterflashing 4 inches (100 mm) over base flashing.
   3. Lap counterflashing joints minimum of 4 inches (100 mm).

F. Roof-Penetration Flashing: Coordinate installation of roof-penetration flashing with installation of roofing and other items penetrating roof. Seal with elastomeric sealant and clamp flashing to pipes that penetrate roof.

3.5 INSTALLATION TOLERANCES

A. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerance of 1/4 inch in 20 feet (6 mm in 6 m) on slope and location lines indicated on Drawings and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.

3.6 CLEANING

A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.

B. Clean and neutralize flux materials. Clean off excess solder.

C. Clean off excess sealants.

3.7 PROTECTION

A. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed unless otherwise indicated in manufacturer's written installation instructions.
B. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures, as determined by Architect.

END OF SECTION 076200
RULES OF ON-SITE CONDUCT

Stevensville Public Schools takes the protection and safety of its students and staff very seriously. These Rules of On-Site Conduct apply to all persons or firms engaged in providing on-site work for this project. Failure to abide by these rules may result in the immediate, temporary suspension and/or permanent removal of the offending person or firm from the project, at the sole discretion of the Superintendent and/or the Executive Director of Facilities.

Registered Sex/Violent Offenders
No person shall be employed for any on-site portions of this project who is a registered sex offender in any jurisdiction. No person shall be employed who has been convicted or pled guilty to any crime involving a minor or any crime of violence.

Sexual Harassment
Sexual harassment in any form is prohibited. This includes, but is not limited to lewd comments, leering, offensive clothing and whistling.

Weapons
No weapons are allowed on District property at any time, including stored in a vehicle. A “weapon” is any type of firearm, a knife with a blade 4 or more inches in length, a sword, a straight razor, a throwing star, nun-chucks, brass or other metal knuckles, or any other article or instrument possessed with the purpose to commit a criminal offense.

Contact and interaction with students
No contact or interaction with students is allowed under any circumstances. If approached by a student you must introduce yourself as a member of the project team and then politely decline to engage in conversation and immediately terminate the contact. Avoid putting yourself in a position where students have direct or unsupervised access to you.

Visual Identification
While working on school grounds, workers will be identified according to procedures established by the Construction Manager.

Tobacco, alcohol and illegal drugs
In accordance with district policy and Montana State Law, no tobacco or vaping products may be used on school property. All tobacco and vaping products must be concealed at all times. No alcohol or illegal drugs are allowed on school property at any time.

Language and Music
Loud or offensive music or language is not allowed, and must be discontinued immediately upon the offending party being notified.

Self-Reporting
If you are accused of any of these violations, or if there is any question about a specific circumstance or situation, immediately report the incident or circumstance to the project superintendent and/or District’s Construction Manager, Architect or Engineer.
Situations reported by others:
In the event that an alleged incident is reported to the School District by a student, parent, staff member or any other observer, the named party will be suspended from on-site duties until the issue is fully resolved.

**Zero-tolerance policy**
The District reserves the right to refuse access to the site of any person either accused or found guilty of a breach of any of the listed rules of conduct.

**Accountability**
Every person engaged in any on-site work of this project must be issued a copy of these rules and acknowledge, in writing, that they have fully read and understand them. Each employer is required to provide the name and signature of every employee expected to perform work or visit the site. The District reserves the right to spot check any person on the site and to have them immediately removed from District property if their name does not appear on the acknowledgement list.

It will be the Construction Manager’s responsibility to ensure all workers and visitors associated with the contracted work have been screened by their employers to not be in violation of any of the requirements listed herein. Any person with a felony conviction of any kind will have to have written approval by the Stevensville Public School’s Superintendent before being allowed on the School’s property.
On-Site Conduct Rules Acknowledgement Sheet

Each sub-contractor is required to provide a current copy of this sheet to the Construction Manager before on-site work begins. Each employee must sign, signifying receipt and understanding of the Rules of On-Site Conduct. The sub-contractor is required to update this list as needed in order to maintain a current list of employees.

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
<th>Received Rules</th>
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MONTANA
PREVAILING WAGE RATES FOR BUILDING CONSTRUCTION SERVICES 2020

Effective: January 2, 2020

Steve Bullock, Governor
State of Montana

Galen Hollenbaugh, Commissioner
Department of Labor and Industry

To obtain copies of prevailing wage rate schedules, or for information relating to public works projects and payment of prevailing wage rates, visit ERD at www.mtwagehourbopa.com or contact:

Employment Relations Division
Montana Department of Labor and Industry
P. O. Box 201503
Helena, MT 59620-1503
Phone 406-444-6543

The department welcomes questions, comments, and suggestions from the public. In addition, we’ll do our best to provide information in an accessible format, upon request, in compliance with the Americans with Disabilities Act.

MONTANA PREVAILING WAGE REQUIREMENTS

The Commissioner of the Department of Labor and Industry, in accordance with Sections 18-2-401 and 18-2-402 of the Montana Code Annotated (MCA), has determined the standard prevailing rate of wages for the occupations listed in this publication.

The wages specified herein control the prevailing rate of wages for the purposes of Section 18-2-401, et seq., MCA. It is required each employer pay (as a minimum) the rate of wages, including fringe benefits, travel allowance, zone pay and per diem applicable to the district in which the work is being performed as provided in the attached wage determinations.

All Montana Prevailing Wage Rates are available on the internet at www.mtwagehourbopa.com or by contacting the department at (406) 444-6543.

In addition, this publication provides general information concerning compliance with Montana's Prevailing Wage Law and the payment of prevailing wages. For detailed compliance information relating to public works contracts and payment of prevailing wage rates, please consult the regulations on the internet at www.mtwagehourbopa.com or contact the department at (406) 444-6543.

GALEN HOLLENBAUGH
Commissioner
Department of Labor and Industry
State of Montana
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B. Definition of Building Construction
For the purposes of Prevailing Wage, the Commissioner of Labor and Industry has determined that building construction occupations are defined to be those performed by a person engaged in a recognized trade or craft, or any skilled, semi-skilled, or unskilled manual labor related to the construction, alteration, or repair of a public building or facility, and does not include engineering, superintendence, management, office or clerical work.

The Administrative Rules of Montana (ARM), 24.17.501(2) – 2(a), states “Building construction projects generally are the constructions of sheltered enclosures with walk-in access for housing persons, machinery, equipment, or supplies. It includes all construction of such structures, incidental installation of utilities and equipment, both above and below grade level, as well as incidental grading, utilities and paving.

Examples of building construction include, but are not limited to, alterations and additions to buildings, apartment buildings (5 stories and above), arenas (closed), auditoriums, automobile parking garages, banks and financial buildings, barracks, churches, city halls, civic centers, commercial buildings, court houses, detention facilities, dormitories, farm buildings, fire stations, hospitals, hotels, industrial buildings, institutional buildings, libraries, mausoleums, motels, museums, nursing and convalescent facilities, office buildings, out-patient clinics, passenger and freight terminal buildings, police stations, post offices, power plants, prefabricated buildings, remodeling buildings, renovating buildings, repairing buildings, restaurants, schools, service stations, shopping centers, stores, subway stations, theaters, warehouses, water and sewage treatment plants (buildings only), etc.”

C. Definition of Public Works Contract
Section 18-2-401(11)(a), MCA defines “public works contract” as “…a contract for construction services let by the state, county, municipality, school district, or political subdivision or for nonconstruction services let by the state, county, municipality, or political subdivision in which the total cost of the contract is in excess of $25,000….”.

D. Prevailing Wage Schedule
This publication covers only Building Construction occupations and rates. These rates will remain in effect until superseded by a more current publication. Current prevailing wage rate schedules for Heavy Construction, Highway Construction, and Nonconstruction Services occupations can be found on the internet at www.mtwagehoubopa.com or by contacting the department at (406) 444-6543.

E. Rates to Use for Projects
ARM, 24.17.127(1)(c), states “The wage rates applicable to a particular public works project are those in effect at the time the bid specifications are advertised.”

F. Wage Rate Adjustments for Multiyear Contracts
Section 18-2-417, MCA states:

“(1) Any public works contract that by the terms of the original contract calls for more than 30 months to fully perform must include a provision to adjust, as provided in subsection (2), the standard prevailing rate of wages to be paid to the workers performing the contract.

(2) The standard prevailing rate of wages paid to workers under a contract subject to this section must be adjusted 12 months after the date of the award of the public works contract. The amount of the adjustment must be a 3% increase. The adjustment must be made and applied every 12 months for the term of the contract.

(3) Any increase in the standard rate of prevailing wages for workers under this section is the sole responsibility of the contractor and any subcontractors and not the contracting agency.”
G. Fringe Benefits
Section 18-2-412, MCA states:

“(1) To fulfill the obligation...a contractor or subcontractor may:

(a) pay the amount of fringe benefits and the basic hourly rate of pay that is part of the standard prevailing rate of wages directly to the worker or employee in cash;

(b) make an irrevocable contribution to a trustee or a third person pursuant to a fringe benefit fund, plan, or program that meets the requirements of the Employee Retirement Income Security Act of 1974 or that is a bona fide program approved by the U. S. department of labor; or

(c) make payments using any combination of methods set forth in subsections (1)(a) and (1)(b) so that the aggregate of payments and contributions is not less than the standard prevailing rate of wages, including fringe benefits and travel allowances, applicable to the district for the particular type of work being performed.

(2) The fringe benefit fund, plan, or program described in subsection (1)(b) must provide benefits to workers or employees for health care, pensions on retirement or death, life insurance, disability and sickness insurance, or bona fide programs that meet the requirements of the Employee Retirement Income Security Act of 1974 or that are approved by the U. S. department of labor.”

Fringe benefits are paid for all hours worked (straight time and overtime hours). However, fringe benefits are not to be considered a part of the hourly rate of pay for calculating overtime, unless there is a collectively bargained agreement in effect that specifies otherwise.

H. Prevailing Wage Districts
Montana counties are aggregated into 4 districts for the purpose of prevailing wage. The prevailing wage districts are composed of the following counties:
I. Dispatch City
ARM, 24.17.103(11), defines dispatch city as “...the courthouse in the city from the following list which is closest to the center of the job: Billings, Bozeman, Butte, Great Falls, Helena, Kalispell, and Missoula.” A dispatch city shall be considered the point of origin only for jobs within the counties identified in that district (as shown below):

**District 1 – Kalispell and Missoula:** includes Flathead, Lake, Lincoln, Mineral, Missoula, Ravalli, and Sanders;  
**District 2 – Butte and Helena:** includes Beaverhead, Broadwater, Deer Lodge, Glacier, Granite, Jefferson, Lewis and Clark, Liberty, Madison, Powell, Powell, Silver Bow, Teton, and Toole;  
**District 3 – Bozeman and Great Falls:** includes Blaine, Cascade, Chouteau, Fergus, Gallatin, Golden Valley, Hill, Judith Basin, Meagher, Park, Petroleum, Phillips, Sweet Grass, and Wheatland;  
**District 4 – Billings:** includes Big Horn, Carbon, Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Musselshell, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Stillwater, Treasure, Valley, Wibaux, and Yellowstone.

J. Zone Pay
Zone pay is not travel pay. ARM, 24.17.103(24), defines zone pay as “...an amount added to the base pay; the combined sum then becomes the new base wage rate to be paid for all hours worked on the project. Zone pay must be determined by measuring the road miles one way over the shortest practical maintained route from the dispatch city to the center of the job.” See section I above for a list of dispatch cities.

K. Computing Travel Benefits
ARM, 24.17.103(22), states “Travel pay,’ also referred to as ‘travel allowance,’ is and must be paid for travel both to and from the job site, except those with special provisions listed under the classification. The rate is determined by measuring the road miles one direction over the shortest practical maintained route from the dispatch city or the employee’s home, whichever is closer, to the center of the job.” See section I above for a list of dispatch cities.

L. Per Diem
ARM, 24.17.103(18), states “Per diem’ typically covers costs associated with board and lodging expenses. Per diem is paid when an employee is required to work at a location outside the daily commuting distance and is required to stay at that location overnight or longer.”

M. Apprentices
Wage rates for apprentices registered in approved federal or state apprenticeship programs are contained in those programs. Additionally, Section 18-2-416(2), MCA states “...The full amount of any applicable fringe benefits must be paid to the apprentice while the apprentice is working on the public works contract.” Apprentices not registered in approved federal or state apprenticeship programs will be paid the appropriate journey level prevailing wage rate when working on a public works contract.

N. Posting Notice of Prevailing Wages
Section 18-2-406, MCA provides that contractors, subcontractors and employers who are “...performing work or providing construction services under public works contracts, as provided in this part, shall post in a prominent and accessible site on the project or staging area, not later than the first day of work and continuing for the entire duration of the project, a legible statement of all wages and fringe benefits to be paid to the employees.”

O. Employment Preference
Sections 18-2-403 and 18-2-409, MCA requires contractors to give preference to the employment of bona fide Montana residents in the performance of work on public works contracts.
P. Projects of a Mixed Nature
Section 18-2-408, MCA states:

“(1) The contracting agency shall determine, based on the preponderance of labor hours to be worked, whether the public works construction services project is classified as a highway construction project, a heavy construction project, or a building construction project.

(2) Once the project has been classified, employees in each trade classification who are working on that project must be paid at the rate for that project classification”

Q. Occupations Definitions
You can find definitions for these occupations on the following Bureau of Labor Statistics website: http://www.bls.gov/oes/current/oes_stru.htm

R. Welder Rates
Welders receive the rate prescribed for the craft performing an operation to which welding is incidental.

S. Foreman Rates
Rates are no longer set for foremen. However, if a foreman performs journey level work, the foreman must be paid at least the journey level rate.
# Wage Rates

## Boilermakers

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$33.17</td>
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</tr>
<tr>
<td>4</td>
<td>$33.17</td>
<td>$30.88</td>
</tr>
</tbody>
</table>

- **Travel:**
  - **All Districts**
  - 0-120 mi. free zone
  - >120 mi. federal mileage rate/mi.

- **Special Provision:**
  - Travel is paid only at the beginning and end of the job.

- **Per Diem:**
  - **All Districts**
  - 0-70 mi. free zone
  - >70-120 mi. $65.00/day
  - >120 mi. $80.00/day

**Duties Include:**
Construct, assemble, maintain, and repair stationary steam boilers, boiler house auxiliaries, process vessels, and pressure vessels.

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## Brick, Block, and Stone Masons

<table>
<thead>
<tr>
<th>District</th>
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<th>Benefit</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>4</td>
<td>$28.71</td>
<td>$14.96</td>
</tr>
</tbody>
</table>

- **Travel:**
  - **All Districts**
  - 0-45 mi. free zone
  - >45-60 mi. $32.50/day
  - >60-90 mi. $62.00/day
  - >90 mi. $75.00/day

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## Carpenters

<table>
<thead>
<tr>
<th>District</th>
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<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>$13.86</td>
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</tr>
<tr>
<td>4</td>
<td>$24.00</td>
<td>$13.57</td>
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</tbody>
</table>

- **Zone Pay:**
  - **All Districts**
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $4.00/hr.
  - >60 mi. base pay + $6.00/hr.

**Duties Include:**
Install roll and batt insulation, and hardwood floors.

† Back to Table of Contents
CARPET INSTALLERS

No Rate Established

Duties Include:
Lay and install carpet from rolls or blocks on floors.
Install padding and trim flooring materials.

Travel and Per Diem:
All Districts
No travel or per diem established.

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CEMENT MASONs AND CONCRETE FINISHERS

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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<tr>
<td>District 4</td>
<td>$22.85</td>
<td>$12.64</td>
</tr>
</tbody>
</table>

Duties Include:
Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, or curbs. Align forms for sidewalks, curbs, or gutters.

Zone Pay:
All Districts
0-30 mi. free zone
>30-60 mi. base pay + $2.95/hr.
>60 mi. base pay + $4.75/hr.

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CONSTRUCTION EQUIPMENT OPERATORS GROUP 1

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
</tr>
</thead>
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<tr>
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</tr>
<tr>
<td>District 4</td>
<td>$27.91</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

This group includes but is not limited to:
Air Compressor; Auto Fine Grader; Belt Finishing; Boring Machine (Small); Cement Silo; Crane, A-Frame Truck Crane; Crusher Conveyor; DW-10, 15, and 20 Tractor Roller; Farm Tractor; Forklift; Form Grader; Front-End Loader, under 1 cu. yd; Oiler, Heavy Duty Drills; Herman Nelson Heater; Mucking Machine; Oiler, All Except Cranes/Shovels; Pumpman.

Zone Pay:
All Districts
0-30 mi. free zone
>30-60 mi. base pay + $3.50/hr.
>60 mi. base pay + $5.50/hr.

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### CONSTRUCTION EQUIPMENT OPERATORS GROUP 2

<table>
<thead>
<tr>
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<th>Benefit</th>
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<tr>
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</tr>
<tr>
<td>District 4</td>
<td>$28.70</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

This group includes but is not limited to:
- Air Doctor; Backhoe\Excavator\Shovel, up to and incl. 3 cu. yds; Bit Grinder; Bituminous Paving Travel Plant;
- Boring Machine, Large; Broom, Self-Propelled; Concrete Travel Batcher; Concrete Float & Spreader; Concrete Bucket Dispatcher; Concrete Finish Machine; Concrete Conveyor; Dozer, Rubber-Tired, Push, & Side Boom; Elevating Grader\Gradall; Field Equipment Serviceman; Front-End Loader, 1 cu. yd up to and incl. 5 cu. yds; Grade Setter; Heavy Duty Drills, All Types;
- Hoist\Tugger, All; Hydralift Forklifts & Similar; Industrial Locomotive; Motor Patrol (except finish); Mountain Skidder; Oil; Cranes\Shovels; Pavement Breaker, EMSCO; Power Saw, Self-Propelled; Pugmill;
- Pumpcrete\Grout Machine; Punch Truck; Roller, other than Asphalt; Roller, Sheepsfoot (Self-Propelled); Roller, 25 tons and over; Ross Carrier; Rotomill, under 6 ft;
- Trenching Machine; Washing /Screening Plant.

### CONSTRUCTION EQUIPMENT OPERATORS GROUP 3

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>District 1</td>
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<tr>
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<tr>
<td>District 4</td>
<td>$29.45</td>
<td>$13.55</td>
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</table>

This group includes but is not limited to:
- Asphalt Paving Machine; Asphalt Screed;
- Backhoe\Excavator\Shovel, over 3 cu. yds; Cableway Highline; Concrete Batch Plant; Concrete Curing Machine; Concrete Pump; Cranes, Creter; Cranes, Electric Overhead; Cranes, 24 tons and under; Curb Machine\Slip Form Paver; Finish Dozer; Front-End Loader, over 5 cu. yds; Mechanic\Welder; Pioneer Dozer; Roller Asphalt (Breakdown & Finish); Rotomill, over 6 ft; Scraper, Single, Twin, or Pulling Belly-Dump; YO-YO Cat.

† Back to Table of Contents
## CONSTRUCTION EQUIPMENT OPERATORS GROUP 4

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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<tr>
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</tr>
<tr>
<td>District 4</td>
<td>$31.45</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

**Zone Pay:**

- **All Districts**
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $3.50/hr.
  - >60 mi. base pay + $5.50/hr.

This group includes but is not limited to:
Asphalt/Hot Plant Operator; Cranes, 25 tons up to and incl. 44 tons; Crusher Operator; Finish Motor Patrol; Finish Scraper.

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## CONSTRUCTION EQUIPMENT OPERATORS GROUP 5

<table>
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<th>Wage</th>
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<tr>
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</tr>
<tr>
<td>District 4</td>
<td>$31.45</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

**Zone Pay:**

- **All Districts**
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $3.50/hr.
  - >60 mi. base pay + $5.50/hr.

This group includes but is not limited to:
Cranes, 45 tons up to and incl. 74 tons.

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## CONSTRUCTION EQUIPMENT OPERATORS GROUP 6

<table>
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<tr>
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</tr>
<tr>
<td>District 4</td>
<td>$32.45</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

**Zone Pay:**

- **All Districts**
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $3.50/hr.
  - >60 mi. base pay + $5.50/hr.

This group includes but is not limited to:
Cranes, 75 tons up to and incl. 149 tons; Cranes, Whirley (All).

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CONSTRUCTION EQUIPMENT OPERATORS GROUP 7

<table>
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</tr>
<tr>
<td>4</td>
<td>$33.45</td>
<td>$13.55</td>
</tr>
</tbody>
</table>

This group includes but is not limited to:
Cranes, 150 tons up to and incl. 250 tons; Cranes, over 250 tons—add $1.00 for every 100 tons over 250 tons; Crane, Tower (All); Crane Stiff-Leg or Derrick; Helicopter Hoist.

Zone Pay:
- All Districts
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $3.50/hr.
  - >60 mi. base pay + $5.50/hr.

CONSTRUCTION LABORERS GROUP 1/FLAG PERSON FOR TRAFFIC CONTROL

<table>
<thead>
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<th>District</th>
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<td>$10.47</td>
</tr>
<tr>
<td>4</td>
<td>$20.65</td>
<td>$10.47</td>
</tr>
</tbody>
</table>

Zone Pay:
- All Districts
  - 0-15 mi. free zone
  - >15-30 mi. base pay + $0.65/hr.
  - >30-50 mi. base pay + $0.85/hr.
  - >50 mi. base pay + $1.25/hr.

CONSTRUCTION LABORERS GROUP 2

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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</tr>
<tr>
<td>4</td>
<td>$20.51</td>
<td>$5.27</td>
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</table>

This group includes but is not limited to:
General Labor; Asbestos Removal; Burning Bar; Bucket Man; Carpenter Tender; Caisson Worker; Cement Mason Tender; Cement Handler (dry); Chuck Tender; Choker Setter; Concrete Worker; Curb Machine-lay Down; Crusher and Batch Worker; Heater Tender; Fence Erector; Landscape Laborer; Landscaper; Lawn Sprinkler Installer; Pipe Wrapper; Pot Tender; Powderman Tender; Rail and Truck Loaders and Unloaders; Riprapper; Sign Erection; Guardrail and Jersey Rail; Spike Driver; Stake Jumper; Signalman; Tail Hoseman; Tool Checker and Houseman and Traffic Control Worker.

Zone Pay:
- All Districts
  - 0-15 mi. free zone
  - >15-30 mi. base pay + $0.65/hr.
  - >30-50 mi. base pay + $0.85/hr.
  - >50 mi. base pay + $1.25/hr.
### CONSTRUCTION LABORERS GROUP 3

<table>
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<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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</tr>
<tr>
<td>4</td>
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<td>$10.47</td>
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</tbody>
</table>

This group includes but is not limited to:
Concrete Vibrator; Dumpman (Grademan); Equipment Handler; Geotextile and Liners; High-Pressure Nozzlem; Jackhammer (Pavement Breaker) Non-Riding Rollers; Pipelayer; Posthole Digger (Power); Power Driven Wheelbarrow; Rigger; Sandblaster; Sod Cutter-Power and Tamper.

### CONSTRUCTION LABORERS GROUP 4

<table>
<thead>
<tr>
<th>District</th>
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<th>Benefit</th>
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</tr>
<tr>
<td>4</td>
<td>$21.93</td>
<td>$10.47</td>
</tr>
</tbody>
</table>

This group includes but is not limited to:
Hod Carrier***; Water Well Laborer; Blaster; Wagon Driller; Asphalt Raker; Cutting Torch; Grade Setter; High-Scaler; Power Saws (Faller & Concrete) Powderman; Rock & Core Drill; Track or Truck Mounted Wagon Drill and Welder incl. Air Arc.

### DRYWALL APPLICATORS

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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</thead>
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<tr>
<td>1</td>
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<tr>
<td>4</td>
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<td>$13.57</td>
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</tbody>
</table>

Duties Include:
Drywall and ceiling tile installation.

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ELECTRICIANS: INCLUDING BUILDING AUTOMATION CONTROL

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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<tr>
<td>District 4</td>
<td>$34.08</td>
<td>$14.91</td>
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</tbody>
</table>

Duties Include:
Electrical wiring; equipment and fixtures; street lights; electrical control systems. Installation and/or adjusting of building automation controls also during testing and balancing, commissioning and retro-commissioning.

Travel:

**District 1**

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-15 mi. free zone
- >15-45 mi. $0.585/mi. in excess of the free zone.
- >45 mi. $75.00/day

**District 2**

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-10 mi. free zone
- >10-55 mi. federal mileage rate/mi.
- >55 mi. $66.00/day

**District 3**

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-08 mi. free zone
- >08-50 mi. federal mileage rate/mi. in excess of the free zone.
- >50 mi. $66.00/day

**District 4**

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-18 mi. free zone
- >18-60 mi. federal mileage rate/mi.
- >60 mi. $75.00/day

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ELEVATOR CONSTRUCTORS

<table>
<thead>
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<th>Benefit</th>
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</tr>
<tr>
<td>4</td>
<td>$54.09</td>
<td>$34.12</td>
</tr>
</tbody>
</table>

Travel:
All Districts
0-15 mi. free zone
>15-25 mi. $43.25/day
>25-35 mi. $86.49/day
>35 mi. $84.90/day or cost of receipts for hotel and meals, whichever is greater.

FLOOR LAYERS

No Rate Established

Apply blocks, strips, or sheets of shock-absorbing, sound-deadening, or decorative coverings to floors.

GLAZIERS

<table>
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<tr>
<th>District</th>
<th>Wage</th>
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<tr>
<td>4</td>
<td>$21.26</td>
<td>$3.26</td>
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Travel and Per Diem:
All Districts
No travel or per diem established.

HEATING AND AIR CONDITIONING

<table>
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<th>Wage</th>
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<tr>
<td>4</td>
<td>$30.09</td>
<td>$18.83</td>
</tr>
</tbody>
</table>

Duties Include:
Testing and balancing, commissioning and retro-commissioning of all air-handling equipment and duct work.

Travel:
All Districts
0-50 mi. free zone
>50 mi.
  • $0.25/mi. in employer vehicle.
  • $0.65/mi. in employee vehicle.

Per Diem:
All Districts
$70/day
### INSULATION WORKERS - MECHANICAL (HEAT AND FROST)

<table>
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</tr>
<tr>
<td>4</td>
<td>$33.37</td>
<td>$19.87</td>
</tr>
</tbody>
</table>

**Duties Include:**
- Insulate pipes, ductwork or other mechanical systems.

**Travel:**
- **All Districts**
  - 0-30 mi. free zone
  - >30-40 mi. $25.00/day
  - >40-50 mi. $35.00/day
  - >50-60 mi. $45.00/day
  - >60 mi. $60.00/day plus
    - $0.56/mi. if transportation is not provided.
    - $0.20/mi. if in company vehicle.
  - >60 mi. $90.00/day on jobs requiring an overnight stay
    - $0.56/mi. if transportation is not provided.
    - $0.20/mi. if in company vehicle.

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### IRONWORKERS - STRUCTURAL STEEL AND REBAR PLACERS

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
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<tr>
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</table>

**Duties Include:**
- Structural steel erection; assemble prefabricated metal buildings; cut, bend, tie, and place rebar; energy producing windmill type towers; metal bleacher seating; handrail fabrication and ornamental steel.

**Travel:**
- **District 1**
  - 0-45 mi. free zone
  - >45-60 mi. $45.00/day
  - >60-100 mi. $70.00/day
  - >100 mi. $90.00/day

**Special Provision:**
- When the employer provides transportation, travel will not be paid. However, when an employee is required to travel over 70 miles one way, the employee may elect to receive the travel pay in lieu of the transportation.

- **Districts 2, 3 & 4**
  - 0-45 mi. free zone
  - >45-85 mi. $60.00/day
  - >85 mi. $90.00/day

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### MILLWRIGHTS

<table>
<thead>
<tr>
<th>District</th>
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</tr>
<tr>
<td>4</td>
<td>$34.00</td>
<td>$13.57</td>
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</table>

**Zone Pay:**
- **All Districts**
  - 0-30 mi. free zone
  - >30-60 mi. base pay + $4.00/hr.
  - >60 mi. base pay + $6.00/hr.

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PAINTERS: INCLUDING PAPERHANGERS

<table>
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<tr>
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Travel and Per Diem:
All Districts
No travel or per diem established.

PILE BUCKS

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</tr>
<tr>
<td>4</td>
<td>$31.00</td>
<td>$13.57</td>
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</table>

Zone Pay:
All Districts
0-30 mi. free zone
>30-60 mi. base pay + $4.00/hr.
>60 mi. base pay + $6.00/hr.

Duties Include:
Set up crane; set up hammer; weld tips on piles; set leads; insure piles are driven straight with the use of level or plum bob. Give direction to crane operator as to speed and direction of swing. Cut piles to grade.

PLASTERERS

No Rate Established

Travel and Per Diem:
All Districts
No travel or per diem established.

Duties Include:
All materials beyond the substrate, such as a moisture barrier, any type of drainage installation between the moisture barrier and insulation or EPS board, the attachment of the EPS board, installation of fiberglass mesh embedded in the base coat, any water-resistant coat that is applied on top of the insulation to serve as a weather barrier, and the application of the finish coat.
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS

<table>
<thead>
<tr>
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<tr>
<td>4</td>
<td>$33.11</td>
<td>$18.71</td>
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</table>

Duties Include:
Assemble, install, alter, and repair pipe-lines or pipe systems that carry water, steam, air, other liquids or gases. Testing of piping systems, commissioning and retro-commissioning. Workers in this occupation may also install heating and cooling equipment and mechanical control systems.

Travel:

District 1
- 0-30 mi. free zone
- >30-50 mi. $25.00/day
- >50-75 mi. $40.00/day
- >75 mi. $75.00/day

Special Provision
If transportation is not provided, mileage at $0.35/mi. with a separate free zone of 20 miles is added to the amounts above. However, if the employee is traveling more than 75 miles/day, only subsistence is required.

Districts 2 & 3
- 0-40 mi. free zone
- >40-80 mi. $30.00/day
- >80 mi. $60.00/day

Special Provision:
If employer provides transportation, travel pay will be ½ of the amounts listed above unless the employee stays overnight. If the employee chooses to stay overnight, the employee will receive the full amount of travel listed above even if the employer furnishes transportation.

District 4
- 0-70 free zone
- >70 mi.
  - On jobs when employees do not work consecutive days: $0.55/mi. if employer doesn’t provide transportation. Not to exceed two trips.
  - On jobs when employees work any number of consecutive days: $100.00/day.

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ROOFERS

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<th>Benefit</th>
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</table>

Duties Include:
Metal roofing.

Travel:

District 1
0-50 mi. free zone
>50 mi. $0.35/mi.

District 2 and 3
0-35 mi. free zone
>35 mi. $0.30/mi only when employer doesn’t provide transportation.

District 4
0-25 mi. free zone
>25 mi. $0.30/mi only when employer doesn’t provide transportation.

Per Diem:

District 1
$60.00/day

District 2 and 3
Employer pays for room + $26.50/day.

District 4
Employer pays for room + $25.00/day.

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SHEET METAL WORKERS

<table>
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<th>District</th>
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<tr>
<td>4</td>
<td>$30.09</td>
<td>$18.83</td>
</tr>
</tbody>
</table>

Duties Include:
Testing and balancing, commissioning and retro-commissioning of all air-handling equipment and duct work. Manufacture, fabrication, assembling, installation, dismantling, and alteration of all HVAC systems, air conveyer systems, and exhaust systems. All lagging over insulation and all duct lining.

Travel:

All Districts
0-50 mi. free zone
>50 mi.
- $0.25/mi. in employer vehicle
- $0.65/mi. in employee vehicle

Per Diem:

All Districts
$70.00/day

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SOLAR PHOTOVOLTAIC INSTALLERS

<table>
<thead>
<tr>
<th>District 1</th>
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<th>Benefit</th>
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<tr>
<td>District 4</td>
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Travel:

District 1

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-15 mi. free zone
- >15-45 mi. $0.585/mi. in excess of the free zone.
- >45 mi. $75.00/day

District 2

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-10 mi. free zone
- >10-55 mi. federal mileage rate/mi.
- >55 mi. $66.00/day

District 3

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-08 mi. free zone
- >08-50 mi. federal mileage rate/mi. in excess of the free zone.
- >50 mi. $66.00/day

District 4

No mileage due when traveling in employer’s vehicle.

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-18 mi. free zone
- >18-60 mi. federal mileage rate/mi.
- >60 mi. $75.00/day
SPRINKLER FITTERS

<table>
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</thead>
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<td>$21.93</td>
</tr>
<tr>
<td>4</td>
<td>$34.35</td>
<td>$21.93</td>
</tr>
</tbody>
</table>

Duties Include:
Duties include but not limited to any and all fire protection systems: installation, dismantling, inspection, testing, maintenance, repairs, adjustments, and corrections of all fire protection and fire control systems, including both overhead and underground water mains, all piping, fire hydrants, standpipes, air lines, tanks, and pumps used in connection with sprinkler and alarm systems.

Travel
All Districts

The following travel allowance is applicable when traveling in employee’s vehicle:

- 0-60 mi. free zone
- >60-80 mi. $19.00/day
- >80-100 mi. $29.00/day
- >100 mi. $105.00/day.

Special Provision
When traveling >100 miles, mileage at $0.54/mi. + $8.59 for every 15 miles traveled at beginning and end of job.

The following travel allowance is applicable when traveling in employer’s vehicle:

- 0-100 mi. free zone
- >100 mi. $105.00/day

Special Provision
When traveling >100 miles, $8.59 for every 15 miles traveled, at beginning and end of job.

Per Diem:
All Districts

No per diem is applicable when traveling in employee’s vehicle.

The following per diem is applicable when traveling in employer’s vehicle:

- 0-100 mi. free zone
- >100 mi. $105.00/day

TAPERS

<table>
<thead>
<tr>
<th>District</th>
<th>Wage</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>4</td>
<td>$21.28</td>
<td>$8.31</td>
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</table>

Travel and Per Diem:
All Districts

No travel or per diem established.
TEAMSTERS GROUP 2

Pilot Car Driver
No Rate Established

<table>
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</tr>
<tr>
<td>District 4</td>
<td>$28.88</td>
<td>$7.68</td>
</tr>
</tbody>
</table>

This group includes but is not limited to:
Combination Truck & Concrete Mixer; Distributor Driver;
Dry Batch Trucks; Dump Trucks & Similar Equipment;
Flat Trucks; Lowboys, Four-Wheel Trailers, Float
Semitrailers; Powder Truck Driver (Bulk Unloader Type);
Servicemen; Service Truck Drivers, Fuel Truck Drivers,
Tiremen; Trucks with Power Equipment; Truck
Mechanic; Water Tank Drivers, Petroleum Product
Drivers.

Zone Pay:
All Districts
No zone pay established.

TELECOMMUNICATIONS EQUIPMENT INSTALLERS

<table>
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<tr>
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<tr>
<td>District 4</td>
<td>$24.61</td>
<td>$10.18</td>
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</tbody>
</table>

Duties Include:
Install voice, sound, vision and data systems. This
occupation includes burglar alarms, fire alarms, fiber
optic systems, and video systems for security or
entertainment.

Travel:
All Districts
The federal mileage rate/mi. in effect when travel occurs
if using own vehicle.

Per Diem:
All Districts
Employer pays for meals and lodging up to $75.00/day.
When jobsite is located in Big Sky, West Yellowstone,
and Gardiner, lodging and meals will be provided by the
employer for all actual and reasonable expenses
incurred.

TERRAZZO WORKERS AND FINISHERS

No Rate Established

Duties Include:
Finish work on hard tile, marble, and wood tile to floors,
ceilings, and roof decks
TILE AND STONE SETTERS

No Rate Established

Duties Include:
Apply hard tile, stone, and comparable materials to walls, floors, ceilings, countertops, and roof decks.

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**APPLICATION AND CERTIFICATION FOR PAYMENT**

**CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract.

Continuation Sheet, AIA Document G703, is attached.

---

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
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<td>1. ORIGINAL CONTRACT SUM</td>
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<td>2. Net change by Change Orders</td>
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<td>3. CONTRACT SUM TO DATE (Line 1 ± 2)</td>
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<td>4. TOTAL COMPLETED &amp; STORED TO DATE</td>
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<td>a. 5% of Completed Work</td>
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<td>b. % of Stored Material</td>
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<tr>
<td>(Column F on G703)</td>
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<tr>
<td>Total Retainage (Lines 5a + 5b or Total in Column I of G703)</td>
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<td>6. TOTAL EARNED LESS RETAINAGE</td>
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<tr>
<td>(Line 4 Less Line 5 Total)</td>
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<tr>
<td>10. CURRENT AMOUNT DUE</td>
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**ARCHITECT’S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

**CHANGE ORDER SUMMARY**

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

**ARCHITECT:**

By: ___________________________ Date: ___________________________

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

---

**NOTE:** Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee.
In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION OF WORK</th>
<th>SCHEDULED VALUE</th>
<th>WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)</th>
<th>WORK COMPLETED THIS PERIOD</th>
<th>MATERIALS PRESENTLY STORED (NOT IN D OR E)</th>
<th>TOTAL COMPLETED AND STORED TO DATE (D+E+F)</th>
<th>% (G ÷ C)</th>
<th>BALANCE TO FINISH (C - G)</th>
<th>RETAINAGE (IF VARIABLE RATE)</th>
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</table>

Users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity
**LIEN RELEASE FORM**

Project Name: 

Date: 

To: 

From: 

**CONDITIONAL RELEASE**

The undersigned does hereby acknowledge that upon receipt by the undersigned of a check from: 

(OWNER). $ ____________________

**AMOUNT SPELLED OUT HERE AND 00/100**

and when the check has been properly endorsed and has been paid by the bank upon which it was drawn, this document shall become effective to release pro tanto any and all claims and rights of lien which the undersigned has on the above referenced Project. This release covers a progress payment for labor, services, equipment; materials furnished and/or claims through: 

2/24/17 only and does not cover any retention or items furnished after this date.

I CERTIFY UNDER PENALTY OF PERJURY UNDER LAWS OF THE STATE OF MONTANA THAT THE ABOVE IS A TRUE AND CORRECT STATEMENT.

Signature: 

(of Authorized/Corporate Officer/Partner/Owner)

(print name)

(Title)

Dated this _____ Day of ______, 20__ at 

(City, State)

---

**UNCONDITIONAL RELEASE**

The undersigned does hereby acknowledge that the undersigned has been paid and has received progress payment in the sum of:

____________________

for labor, services, equipment or materials furnished to the above referenced job and does hereby release pro tanto any and all claims and rights of lien which the undersigned has on the above referenced job. This release covers all payment for labor, services, equipment, materials furnished and/or claims to the above referenced job through: 

____________________

(date) only and does not cover any retention or items furnished after that date.

Notice: This document waives rights unconditionally and states that you have been paid for giving up those rights. This document is enforceable against you if you sign it even if you have not been paid. **If you have not been paid, use a conditional release form.**

I CERTIFY UNDER PENALTY OF PERJURY UNDER LAWS OF THE STATE OF MONTANA THAT THE ABOVE IS A TRUE AND CORRECT STATEMENT.

Signature: 

(of Authorized/Corporate Officer/Partner/Owner)

(print name)

Dated this _____ Day of ______, 20__ at 

(City, State)
INSURANCE - WORK ON A DISTRICT FACILITY

The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract. Before commencing work under this contract, the Contractor shall notify the District in writing that the required insurance has been obtained. The Contractor shall insert the substance of this clause, including this paragraph, in Subcontracts under this contract that require work on a District installation and shall require Subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the District upon request. Contractor shall carry the following insurance and shall provide the District with certificates verifying coverage:

A. **Insurance Carrier:** Must be rated at least “A-” by A.M. Best Company or acceptable State Fund for Workers Compensation.

B. **Workers Compensation:** Copy of Contractors Exemption, if applicable and proof of Workers Compensation Insurance. The District may withhold a percentage to cover costs if proof of coverage is not provided.

   - Workers Compensation-
   - Employers Liability Limits-
   - Statutory
   - $1,000,000 Each Accident
   - $1,000,000 Disease- Policy Limit
   - $1,000,000 Disease- Each Employee

C. **Commercial General Liability Insurance:** Including Premise & Operations, Personal & Advertising Injury, Blanket Contractual (no restrictive endorsements such as CG 2139, CG 2426, CG 2294) and Products & Completed Operations.

   - Limits:
   - $1,000,000 Each Occurrence
   - $2,000,000 Products/Completed Operations Aggregate
   - $2,000,000 General Aggregate

   The District shall be named as a **Primary Additional Insured.** The policy will provide an endorsement to provide coverage for the District as an additional insured including **Completed Operations Liability.** The use of the ISO CG 3287 and CG 3290 or its equivalent is acceptable. If the **additional insured endorsement** does not accompany the certificate of insurance, the certificate of insurance must list the form numbers/edition dates for the Additional Insured Endorsement being used and the actual endorsement must be mailed when received. The Additional Insured Endorsement including Products and Completed Operations is required to be maintained for 2 Years upon completion of the project.

   - **Waiver of Subrogation in favor of the District. Per Project Aggregate Endorsement required.**

D. **Automobile Liability:**

   - Limits: Owned Autos $1,000,000 Each Accident
   - Hired/Non-Owned Autos $1,000,000 Each Accident

E. **Umbrella/Excess Liability:**

   - Limits: $1,000,000 Each Occurrence

F. **Districts & Contractors Protective Liability (OCP):**

   - Limits: $1,000,000 Each Occurrence
   - $2,000,000 Aggregate
   - **Policy will be in the name of the District**

G. **Employment Practices Liability Insurance**

   - Limits: $1,000,000 Each Occurrence

H. **Contractor Tools/Equipment:** All tools leased, borrowed or owned by the Contractor/Subcontractor will be their responsibility.

I. **Cancellation/Non-Renewal Notice:** Minimum of 45 days on Certificate of Insurance.

Builders Risk Insurance will be provided by the District.