ADDENDUM NO. 1
ISSUE DATE: **September 12, 2024**

RE: **ATHLETICS DEPARTMENT**
University of Wisconsin – Whitewater
Whitewater, Wisconsin

UWSA Project No.: **N-24-001**

BID OPENING: **GPC Bidders: 2:00 P.M., September 24, 2024**

FROM: **Kahler Slater Inc.**
790 N. Water Street, Suite 1700
Milwaukee, WI 53202

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated **August 26, 2024** as noted below. Acknowledge receipt of this Addendum by inserting the number and issue date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of **six (6) pages, and the attached documents:**
Drawing sheets:
G002, A100, E000, E191, E200, E600

CHANGES TO SPECIFICATIONS

1. 00 02 Table of Contents GPC - Page 1, delete line 38 and 40,
    a. "Volume 2" and "Section Title" and "Page Thru".
2. 00 02 Table of Contents GPC - Page 2, delete line 13, 14, 17, 18 and 20.
    a. "Electrical Abbreviations, Codes and Designations – E001, Electrical Specifications E002, Electrical Diagrams – E400, Electrical Details - E500" & "Electrical Schedules - E601"

CHANGES TO DRAWINGS:

1. Sheet G000 – COVER SHEET
    a. Removed sheet “E001 – ELECTRICAL ABBREVIATIONS, CODES AND DESIGNATIONS” from sheet index.
    b. Removed sheet “E002 – ELECTRICAL SPECIFICATIONS” from sheet index.
    c. Removed sheet “E400 – ELECTRICAL DIAGRAMS” from sheet index.
    d. Removed sheet “E500 – ELECTRICAL DETAILS” from sheet index.
    e. Removed sheet “E601 – ELECTRICAL SCHEDULES” from sheet index.
2. Sheet G002 – SPECIFICATIONS
    a. Section 09 05 61 – Common Work Results for Flooring Preparation
        i. Removed entire section; no longer used.
    b. Section 09 05 81 – Common Work Results for Flooring Installation
        i. Removed entire section; no longer used.
    c. Section 09 91 00 – Painting
        i. Removed section “O.”
        ii. Removed section “Z.”
        iii. Removed section “AA.”
3. Sheet A100 – FLOOR PLANS-PRESSBOX
    a. Replace entire document with attached sheet A100
        i. Added fire extinguisher.
        ii. Added note 7 to general notes.
4. Sheet A200 – EXTERIOR ELEVATIONS
    a. Revised Exterior Elevation Material Legend; CMU 1: Design Basis: Split Face Decorative Concrete Masonry: County Material Buff (18-074A).

5. Sheet E000 – ELECTRICAL SYMBOLS AND SHEET INDEX
    a. Replace entire document with attached sheet E000.
6. Sheet E191 – ELECTRICAL SITE PLAN
    a. Replace entire document with attached sheet E191.
7. Sheet E200 – ELECTRICAL FLOOR PLANS
    a. Replace entire document with attached sheet E200.
8. Sheet E600 – ELECTRICAL SCHEDULES
    a. Replace entire document with attached sheet E600.

END OF ADDENDUM NO. 1

Kahler Slater, Inc.
790 N. Water Street, Suite 1700
Milwaukee, WI 53202

The Board of Regents of the
University of Wisconsin – Madison
c/o UWSA – Capital Planning and Budget
Madison Wisconsin 53715

SECTION 07 62 00 - SHEET METAL FLASHING AND TRIM

A. SECTION INCLUDES: CUSTOM FLASHING AND TRIM FABRICATIONS, MADE FROM SHEET METAL MATERIALS.
B. METALLIC-COATED STEEL SHEET: ZINC-COATED (GALVANIZED) STEEL SHEET COMPLYING WITH MINIMUM ASTM A653/A653M, G90 COATING DESIGNATION, OR ALUMINUM-ZINC ALLOY-COATED STEEL SHEET COMPLYING WITH MINIMUM ASTM A792/A792M, CLASS AZ50 COATING DESIGNATION; STRUCTURAL QUALITY. PREPAINTED BY THE COIL-COATING PROCESS TO COMPLY WITH ASTM A755/A755M.
   1. SURFACE: SMOOTH, FLAT SURFACE.
   2. EXPOSED COIL-COATED FINISH:
      a. TWO-COAT FLUOROPOLYMER: FLUOROPOLYMER FINISH CONTAINING NOT LESS THAN 70 PERCENT 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.
      b. COLOR: PAC-CLAD "BURNISHED SLATE".
C. HANGING GUTTERS:
   1. FABRICATE TO CROSS SECTION REQUIRED, COMPLETE WITH END PIECES, OUTLET TUBES, AND OTHER ACCESSORIES AS REQUIRED.
   2. FABRICATE IN MINIMUM 96-INCH-LONG SECTIONS.
   3. FURNISH FLAT-STOCK GUTTER BRACKETS AND FLAT-STOCK GUTTER SPACERS AND STRAPS FABRICATED FROM SAME METAL AS GUTTERS, OF SIZE RECOMMENDED BY CITED SHEET METAL STANDARD, BUT WITH THICKNESS NOT LESS THAN TWICE THE GUTTER THICKNESS.
   4. FABRICATE EXPANSION JOINTS, EXPANSION-JOINT COVERS, GUTTER BEAD REINFORCING BARS, AND GUTTER ACCESSORIES FROM SAME METAL AS GUTTERS. SHOP FABRICATE INTERIOR AND EXTERIOR CORNERS.
   5. GUTTER PROFILE: SMACNA STYLE A UNLESS OTHERWISE INDICATED.
   6. EXPANSION JOINTS: BUTT TYPE WITH COVER PLATE.
   7. GUTTERS WITH GIRTH 16 TO 20 INCHES: FABRICATE FROM THE FOLLOWING MATERIALS:
      a. GALVANIZED STEEL: 0.028 INCH THICK.
      b. ALUMINUM-ZINC ALLOY-COATED STEEL: 0.028 INCH THICK.
   8. GUTTERS WITH GIRTH 21 TO 25 INCHES: FABRICATE FROM THE FOLLOWING MATERIALS:
      a. GALVANIZED STEEL: 0.034 INCH THICK.
      b. ALUMINUM-ZINC ALLOY-COATED STEEL: 0.034 INCH THICK.
   9. GUTTERS WITH GIRTH 26 TO 30 INCHES: FABRICATE FROM THE FOLLOWING MATERIALS:
      a. GALVANIZED STEEL: 0.040 INCH THICK.
      b. ALUMINUM-ZINC ALLOY-COATED STEEL: 0.040 INCH THICK.
   10. ANCHOR GUTTER WITH STRAPS SPACED NOT MORE THAN 30 INCHES APART TO ROOF DECK UNLESS OTHERWISE INDICATED, AND LOOSELY LOCK TO FRONT GUTTER BEAD.
D. DOWNSPOUTS: FABRICATE RECTANGULAR DOWNSPOUTS TO DIMENSIONS INDICATED ON DRAWINGS, COMPLETE WITH MITERED ELBOWS. FURNISH WITH METAL HANGERS FROM SAME MATERIAL AS DOWNSPOUTS AND ANCHORS. SHOP FABRICATE ELBOWS.
   1. FABRICATED HANGER STYLE: ACCORDING TO SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL."
   2. FABRICATE FROM THE FOLLOWING MATERIALS:
      a. GALVANIZED STEEL: 0.022 INCH THICK.
      b. ALUMINUM-ZINC ALLOY-COATED STEEL: 0.022 INCH THICK.
   3. PROVIDE HANGERS WITH FASTENERS DESIGNED TO HOLD DOWNSPOUTS SECURELY TO WALLS.
   4. LOCATE HANGERS AT TOP AND BOTTOM AND AT APPROXIMATELY 60 INCHES O.C.
   5. UNLESS OTHERWISE INDICATED, PROVIDE ELBOWS AT BASE OF DOWNSPOUT TO DIRECT WATER AWAY FROM WALKWAYS AND BUILDING.

SECTION 07 92 00 – JOINT SEALANTS

A. GENERAL: IT IS THE INTENTION OF THIS SPECIFICATION THAT ALL JOINTS ARE TO RECEIVE SEALANT UNLESS OTHERWISE INDICATED. SEALANT SHALL BE APPLIED IN ALL LOCATIONS INDICATED ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING BUT NOT LIMITED TO; JOINT WIDTH, SURFACE PREPARATION, PRIMERS, APPLICATION TEMPERATURE, AND MATERIAL STORAGE. UNLESS OTHERWISE NOTED IN THE MANUFACTURER'S INSTRUCTIONS. APPROPRIATELY SIZED BACKER RODS OR BOND BREAKS ARE REQUIRED AT ALL JOINTS.
B. COMPATIBILITY: PROVIDE JOINT SEALANTS, BACKINGS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY JOINT-SEALANT MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.
C. **JS2 -** SILICONE, NONSTAINING, S, NS, 50, NT: NONSTAINING, SINGLE-COMPONENT, NONSAG, PLUS 50 PERCENT AND MINUS 50 PERCENT MOVEMENT CAPABILITY, NONTRAFFIC-USE, NEUTRAL-CURING SILICONE JOINT SEALANT; ASTM C920, TYPE S, GRADE NS, CLASS 50, USE NT.
   1. JOINT-SEALANT APPLICATION: EXTERIOR JOINTS IN VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES.
      a. CONSTRUCTION JOINTS IN CAST-IN-PLACE CONCRETE.
      b. CONTROL AND EXPANSION JOINTS IN UNIT MASONRY.
      c. JOINTS BETWEEN METAL PANELS.
      d. JOINTS BETWEEN DIFFERENT MATERIALS LISTED ABOVE.
      e. PERIMETER JOINTS BETWEEN MATERIALS LISTED ABOVE AND FRAMES OF FENESTRATION.
      f. CONTROL AND EXPANSION JOINTS IN SOFFITS AND OTHER OVERHEAD SURFACES.
      g. OTHER JOINTS AS INDICATED ON DRAWINGS.
   2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      a. DOW CHEMICAL COMPANY; DOWSIL 756 SMS.
      b. GE CONSTRUCTION SEALANTS; MOMENTIVE PERFORMANCE MATERIALS, INC.; SCS9000 SILPRUF NB.
      c. PECORA CORPORATION; 864NST OR 895NST.
      d. TREMCO INCORPORATED; SPECTREM 2.
   3. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.
D. **JS6 -** URETHANE, S, NS, 25, NT: SINGLE-COMPONENT, NONSAG, NONTRAFFIC-USE, PLUS 25 PERCENT AND MINUS 25 PERCENT MOVEMENT CAPABILITY, URETHANE JOINT SEALANT; ASTM C 920, TYPE S, GRADE NS, CLASS 25, USE NT.
   1. JOINT-SEALANT APPLICATION: INTERIOR JOINTS IN VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES.
      a. CONTROL AND EXPANSION JOINTS ON EXPOSED INTERIOR SURFACES OF EXTERIOR WALLS.
      b. VERTICAL JOINTS ON EXPOSED SURFACES OF UNIT MASONRY AND CONCRETE WALLS AND PARTITIONS.
      c. PERIMETER JOINTS OF FRAMES OF DOORS AND FENESTRATION ON INTERIOR SURFACES OF EXTERIOR WALLS.
      d. OTHER JOINTS AS INDICATED ON DRAWINGS.
   2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      a. MASTER BUILDERS SOLUTIONS; MASTERSEAL TX 1.
      b. PECORA CORPORATION; DYNATROL I-XL.
      c. SHERWIN-WILLIAMS COMPANY (THE); LOXON S1.
      d. TREMCO INCORPORATED; DYMONIC FC.
   3. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.
E. **JS7 -** ACRYLIC LATEX: ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX, ASTM C 834, PAINTABLE, TYPE OP, GRADE NF.
   1. JOINT-SEALANT APPLICATION: INTERIOR JOINTS IN VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES NOT SUBJECT TO SIGNIFICANT MOVEMENT.
      a. PERIMETER JOINTS BETWEEN INTERIOR WALL SURFACES AND FRAMES OF INTERIOR DOORS AND WINDOWS.
      b. OTHER JOINTS AS INDICATED ON DRAWINGS.
   2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      a. DAP PRODUCTS, INC.; ALEX PLUS.
      b. MASTER BUILDERS SOLUTIONS; MASTERSEAL NP 520.
      c. PECORA CORPORATION; AC-20 +SILICONE.
      d. SHERWIN-WILLIAMS COMPANY (THE); 950A OR POWERHOUSE.
      e. TREMCO INCORPORATED; TREMFLEX 834.
   3. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.
F. **JS9 -** BUTYL-RUBBER-BASED JOINT SEALANTS: ASTM C 1311.
   1. JOINT-SEALANT APPLICATION: CONCEALED MASTICS.
      a. ALUMINUM THRESHOLDS.
      b. SILL PLATES.
      c. OTHER JOINTS AS INDICATED ON DRAWINGS.
   2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      a. DAP PRODUCTS, INC..; BUTYL-FLEX.
      b. PECORA CORPORATION; BC-158.
      c. TREMCO INCORPORATED; TREMCO BUTYL SEALANT.
G. **JS11 -** MULTI-COMPONENT POLYUREA SEALANT, T: MANUFACTURER'S STANDARD, MULTI-COMPONENT, CHEMICAL CURING.
   1. JOINT-SEALANT APPLICATION: INTERIOR JOINTS IN HORIZONTAL TRAFFIC SURFACES.
      a. ISOLATION AND CONTROL JOINTS IN CAST-IN-PLACE CONCRETE SLABS.
      b. OTHER JOINTS AS INDICATED ON DRAWINGS.
   2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
      a. EUCLID CHEMICAL; EUCO QWIKJOINT UVR.
      b. GENERAL POLYMERS; 4880.
      c. MASTER BUILDERS SOLUTIONS; MASTERSEAL CR 100.
      d. METZGER-MCGUIRE; SPAL-PRO RS 88.
   3. SHORE HARDNESS (ASTM D2240, SHORE A): 80 MINIMUM.
   4. USES RELATED TO EXPOSURE: T (TRAFFIC).
   5. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF COLORS.
H. PRIMER: MATERIAL RECOMMENDED BY JOINT-SEALANT MANUFACTURER WHERE REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED, AS DETERMINED FROM PRECONSTRUCTION JOINT-SEALANT-SUBSTRATE TESTS AND FIELD TESTS.
I. CYLINDRICAL JOINT BACKINGS: ASTM C1330, TYPE B OR TYPE C; OF SIZE, SHAPE, AND DENSITY TO CONTROL SEALANT DEPTH AND OTHERWISE CONTRIBUTE TO PRODUCING OPTIMUM SEALANT PERFORMANCE.
J. BOND-BREAKER TAPE: POLYETHYLENE TAPE OR OTHER PLASTIC TAPE RECOMMENDED BY SEALANT MANUFACTURER FOR PREVENTING SEALANT FROM ADHERING TO RIGID, INFLEXIBLE JOINT-FILLER MATERIALS OR JOINT SURFACES AT BACK OF JOINT. PROVIDE SELF-ADHESIVE TAPE WHERE APPLICABLE.

DIVISION 08 - OPENINGS

SECTION 08 11 13 – HOLLOW METAL DOORS AND FRAMES

A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
   1. CECO DOOR; ASSA ABLOY.
   2. CURRIES COMPANY; ASSA ABLOY.
   3. MESKER DOOR INC.
   4. REPUBLIC DOORS AND FRAMES; AN ALLEGION BRAND.
   5. STEELCRAFT; AN ALLEGION BRAND.
B. SOURCE LIMITATIONS: OBTAIN HOLLOW-METAL WORK FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
C. INTERIOR WET AREAS: DOORS AND FRAMES LOCATED AT SPACES BELOW GRADE AND AT ROOMS WITH SHOWERS SHALL BE METALLIC-COATED STEEL.
D. EXTERIOR EXTRA-HEAVY-DUTY DOORS AND FRAMES: ANSI/SDI A250.8, LEVEL 3; ANSI/SDI A250.4, LEVEL A.
   1. DOORS:
      a. TYPE: AS INDICATED IN THE DOOR AND FRAME SCHEDULE.
      b. THICKNESS: 1-3/4 INCHES.
      c. FACE: METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF 0.053 INCH, WITH MINIMUM A60 COATING.
      d. EDGE CONSTRUCTION: MODEL 2, SEAMLESS.
      e. EDGE BEVEL: BEVEL LOCK AND HINGE EDGES 1/8 INCH IN 2 INCHES.
      f. TOP EDGE CLOSURES: CLOSE TOP EDGES OF DOORS WITH FLUSH CLOSURES OF SAME MATERIAL AS FACE SHEETS. SEAL JOINTS AGAINST WATER PENETRATION
      g. BOTTOM EDGES: CLOSE BOTTOM EDGES OF DOORS WITH END CLOSURES OR CHANNELS OF SAME MATERIAL AS FACE SHEETS. PROVIDE WEEP-HOLE OPENINGS IN BOTTOMS OF EXTERIOR DOORS TO PERMIT MOISTURE TO ESCAPE.
      h. CORE: POLYURETHANE.
   2. FRAMES:
      a. MATERIALS: METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF 0.053 INCH WITH MINIMUM A60 COATING.
      b. SIDELITE AND TRANSOM FRAMES: FABRICATED FROM SAME THICKNESS MATERIAL AS ADJACENT DOOR FRAME.
      c. CONSTRUCTION: FULL PROFILE WELDED.
   3. EXPOSED FINISH: PRIME.
E. BORROWED LITES: FABRICATE OF METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF 0.053 INCH.
F. FRAME PROFILES: MANUFACTURER'S STANDARD PROFILES EXCEPT WHERE NON-STANDARD PROFILES ARE INDICATED ON DRAWINGS AND AS FOLLOWS:
G. HARDWARE PREPARATION: FACTORY PREPARE HOLLOW-METAL DOORS AND FRAMES TO RECEIVE TEMPLATED MORTISED HARDWARE, AND ELECTRICAL WIRING; INCLUDE CUTOUTS, REINFORCEMENT, MORTISING, DRILLING, AND TAPPING ACCORDING TO ANSI/SDI A250.6, THE DOOR HARDWARE SCHEDULE, AND TEMPLATES.
H. GLAZED LITES: PROVIDE STOPS AND MOLDINGS AROUND GLAZED LITES WHERE INDICATED. FORM CORNERS OF STOPS AND MOLDINGS WITH BUTTED OR MITERED HAIRLINE JOINTS.
   1. PROVIDE STOPS AND MOLDINGS FLUSH WITH FACE OF DOOR, AND WITH BEVELED STOPS UNLESS OTHERWISE INDICATED.
   2. PROVIDE FIXED FRAME MOLDINGS ON OUTSIDE OF EXTERIOR DOORS AND FRAMES AND ON SECURE SIDE OF INTERIOR DOORS AND FRAMES. PROVIDE LOOSE STOPS AND MOLDINGS ON INSIDE OF HOLLOW-METAL DOORS AND FRAMES.
   3. COORDINATE RABBET WIDTH BETWEEN FIXED AND REMOVABLE STOPS WITH GLAZING AND INSTALLATION TYPES INDICATED.
   4. PROVIDE STOPS FOR INSTALLATION WITH COUNTERSUNK FLAT- OR OVAL-HEAD MACHINE SCREWS SPACED UNIFORMLY NOT MORE THAN 9 INCHES O.C. AND NOT MORE THAN 2 INCHES O.C. FROM EACH CORNER.
I. INSTALL HOLLOW-METAL DOORS AND FRAMES PLUMB, RIGID, PROPERLY ALIGNED, AND SECURELY FASTENED IN PLACE. COMPLY WITH APPROVED SHOP DRAWINGS AND WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
   1. CHECK PLUMB, SQUARE, AND TWIST OF FRAMES AS WALLS ARE CONSTRUCTED.
   2. HOLLOW-METAL FRAMES: COMPLY WITH ANSI/SDI A250.11.
   3. SOLIDLY PACK MINERAL-FIBER INSULATION INSIDE FRAMES.
   4. NON-FIRE-RATED STEEL DOORS: COMPLY WITH ANSI/SDI A250.8.
J. METALLIC-COATED SURFACE TOUCHUP: CLEAN ABRADED AREAS AND REPAIR WITH GALVANIZING REPAIR PAINT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 08 33 13 – COILING COUNTER DOORS

A. SECTION INCLUDES: COILING COUNTER DOOR ASSEMBLIES.
B. INSULATED COUNTER DOOR: OVERHEAD COILING COUNTER DOOR FORMED WITH CURTAIN OF INTERLOCKING METAL SLATS.
   1. BASIS-OF-DESIGN PRODUCT: CORNELL, "THERMISER MAX MODEL ESD30".
C. OPERATION CYCLES: 20,000 MINIMUM.
D. DOOR CURTAIN MATERIAL: GALVANIZED STEEL.
E. DOOR CURTAIN SLATS: FLAT PROFILE SLATS OF MANUFACTURER'S STANDARD CENTER-TO-CENTER HEIGHT.
   1. INSULATED-SLAT INTERIOR FACING: METAL.
F. BOTTOM BAR: MANUFACTURER'S STANDARD CONTINUOUS CHANNEL OR TUBULAR SHAPE, FABRICATED HOT-DIP GALVANIZED STEEL OR ALUMINUM EXTRUSION AND FINISHED TO MATCH DOOR.
G. CURTAIN JAMB GUIDES: GALVANIZED STEEL WITH EXPOSED FINISH MATCHING CURTAIN SLATS.
H. HOOD: MATCH CURTAIN MATERIAL AND FINISH.
   1. SHAPE: MANUFACTURER'S STANDARD.
   2. MOUNTING: FACE OF WALL.
I. LOCKING DEVICES: NONE EQUIP DOOR WITH.
J. ELECTRIC DOOR OPERATOR: UP TO 12 CYCLES PER DAY.
K. OBSTRUCTION-DETECTION DEVICE: NONE.
L. CONTROL STATION: THREE-BUTTON CONTROL STATION IN FIXED LOCATION WITH MOMENTARY-CONTACT PUSH-BUTTON CONTROLS LABELED "OPEN" AND "STOP" AND SUSTAINED- OR CONSTANT-PRESSURE PUSH-BUTTON CONTROL LABELED "CLOSE."
M. CURTAIN ACCESSORIES: EQUIP DOOR WITH FULL-PERIMETER WEATHERSEALS.
N. EXTERIOR DOOR FINISH:
   1. POWDER COATED GRAPHICS: FLAT FACE SURFACE OF DOOR CURTAIN SLATS TO BE POWDER COATED WITH PATTERN OR IMAGE BAKED ONTO THE DOOR COMPONENTS AND CONTINUING AROUND EDGES AND CORNERS, CREATING RESISTANCE TO ABRASION, HUMIDITY, CORROSION AND LIGHT. POWDER COATED GRAPHIC PROCESS MUST UTILIZE RECYCLABLE SUBSTRATES, TRANSFER MEDIUM, AND WATER-BASED INKS. THE POWDER COATED GRAPHIC FINISH SHALL NOT BE A SURFACE APPLICATION WITH FILM OR LAMINATE.
O. INTERIOR DOOR FINISH:
   1. POWDER-COATED FINISH: COLOR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
P. ENGAGE A FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO PERFORM STARTUP SERVICE.
   1. COMPLETE INSTALLATION AND STARTUP CHECKS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
   2. AFTER ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, OPERATE DOORS TO CONFIRM PROPER MOTOR ROTATION AND DOOR PERFORMANCE.
   3. TEST AND ADJUST CONTROLS AND SAFETY DEVICES. REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT.
   4. SUBMIT REPORTS, DESCRIBING PROBLEMS OBSERVED AND CORRECTIONS MADE.
Q. DEMONSTRATION: ENGAGE A FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO TRAIN OWNER'S MAINTENANCE PERSONNEL TO ADJUST, OPERATE, AND MAINTAIN COILING COUNTER DOORS.

SECTION 08 51 13 – ALUMINUM WINDOWS

A. SECTION INCLUDES: ALUMINUM WINDOWS.
B. BASIS-OF-DESIGN PRODUCT: KAWNEER, "OPTIQ AA 5450 SERIES". SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE INDICATED PRODUCT OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:
   1. EFCO CORPORATION.
   2. KAWNEER NORTH AMERICA; AN ARCONIC COMPANY.
   3. OLDCASTLE BUILDINGENVELOPE.
   4. YKK AP AMERICA, INC.
C. PERFORMANCE CLASS AND GRADE: AAMA/WDMA/CSA 101/I.S.2/A440 AS FOLLOWS:
   1. MINIMUM PERFORMANCE CLASS: AW.
   2. MINIMUM PERFORMANCE GRADE: 65.
D. OPERATING TYPE: HORIZONTAL SLIDING.
E. FINISH: COLOR ANODIC FINISH.
   1. COLOR: TO MATCH KAWNEER, "DARK BRONZE NO. 40 ANODIZED".
F. GLAZING SYSTEM: MANUFACTURER'S STANDARD FACTORY-GLAZING SYSTEM THAT PRODUCES WEATHERTIGHT SEAL.
G. GLAZING: COMPLY WITH SECTION 08 8000 "GLAZING."
H. INSECT SCREENS: FABRICATE INSECT SCREENS TO INTEGRATE WITH WINDOW FRAME. PROVIDE SCREEN FOR EACH OPERABLE EXTERIOR SASH. SCREEN WICKETS ARE NOT PERMITTED.
   1. TYPE AND LOCATION: FULL, OUTSIDE FOR SLIDING.
   2. ALUMINUM FRAMES: MANUFACTURER'S STANDARD ALUMINUM ALLOY COMPLYING WITH SMA 1201. FABRICATE FRAMES WITH MITERED OR COPED JOINTS OR CORNER EXTRUSIONS, CONCEALED FASTENERS, AND REMOVABLE PVC SPLINE/ANCHOR CONCEALING EDGE OF FRAME.
   3. ALUMINUM WIRE FABRIC: 18-BY-16 MESH OF 0.011-INCH-DIAMETER, COATED ALUMINUM WIRE.
      a. WIRE-FABRIC FINISH: CHARCOAL GRAY.
I. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING WINDOWS, HARDWARE, ACCESSORIES, AND OTHER COMPONENTS. FOR INSTALLATION PROCEDURES AND REQUIREMENTS NOT ADDRESSED IN MANUFACTURER'S WRITTEN INSTRUCTIONS, COMPLY WITH INSTALLATION REQUIREMENTS IN ASTM E2112.
J. INSTALL WINDOWS LEVEL, PLUMB, SQUARE, TRUE TO LINE, WITHOUT DISTORTION OR IMPEDING THERMAL MOVEMENT, ANCHORED SECURELY IN PLACE TO STRUCTURAL SUPPORT, AND IN PROPER RELATION TO WALL FLASHING AND OTHER ADJACENT CONSTRUCTION TO PRODUCE WEATHERTIGHT CONSTRUCTION.
K. INSTALL WINDOWS AND COMPONENTS TO DRAIN WATER PASSING JOINTS AND CONDENSATION TO THE EXTERIOR.
L. SEPARATE ALUMINUM FROM SOURCES OF CORROSION OR ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER MATERIALS.
M. ADJUST OPERATING SASHES AND HARDWARE FOR A TIGHT FIT AT CONTACT POINTS AND WEATHER STRIPPING FOR SMOOTH OPERATION AND WEATHERTIGHT CLOSURE.

SECTION 08 71 00 - DOOR HARDWARE

A. INSTALLER QUALIFICATIONS: SUPPLIER OF PRODUCTS AND AN EMPLOYER OF WORKERS TRAINED AND APPROVED BY PRODUCT MANUFACTURERS AND OF AN ARCHITECTURAL HARDWARE CONSULTANT WHO IS AVAILABLE DURING THE COURSE OF THE WORK TO CONSULT CONTRACTOR, ARCHITECT, AND OWNER ABOUT DOOR HARDWARE AND KEYING.
B. ARCHITECTURAL HARDWARE CONSULTANT QUALIFICATIONS: A PERSON WHO IS EXPERIENCED IN PROVIDING CONSULTING SERVICES FOR DOOR HARDWARE INSTALLATIONS THAT ARE COMPARABLE IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHO IS CURRENTLY CERTIFIED BY DHI AS AN ARCHITECTURAL HARDWARE CONSULTANT (AHC).
C. ELECTRIFIED DOOR HARDWARE: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.
D. MEANS OF EGRESS DOORS: LATCHES DO NOT REQUIRE MORE THAN 15 LBF TO RELEASE THE LATCH. LOCKS DO NOT REQUIRE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE FOR OPERATION.
E. ACCESSIBILITY REQUIREMENTS: FOR DOOR HARDWARE ON DOORS IN AN ACCESSIBLE ROUTE, COMPLY WITH THE DOJ'S "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN".
F. EXISTING OPENINGS: WHERE HARDWARE COMPONENTS ARE SCHEDULED FOR APPLICATION TO EXISTING CONSTRUCTION OR WHERE MODIFICATIONS TO EXISTING DOOR HARDWARE ARE REQUIRED, FIELD VERIFY EXISTING CONDITIONS AND COORDINATE INSTALLATION OF DOOR HARDWARE TO SUIT OPENING CONDITIONS AND TO PROVIDE PROPER DOOR OPERATION.
G. LOCK CYLINDERS: PROVIDED BY OWNER.

SECTION 08 80 00 – GLAZING

A. SECTION INCLUDES: INSULATING GLASS.
B. MANUFACTURER'S SPECIAL WARRANTY FOR INSULATING GLASS: MANUFACTURER AGREES TO REPLACE INSULATING-GLASS UNITS THAT DETERIORATE WITHIN SPECIFIED WARRANTY PERIOD. DETERIORATION OF INSULATING GLASS IS DEFINED AS FAILURE OF HERMETIC SEAL UNDER NORMAL USE THAT IS NOT ATTRIBUTED TO GLASS BREAKAGE OR TO MAINTAINING AND CLEANING INSULATING GLASS CONTRARY TO MANUFACTURER'S WRITTEN INSTRUCTIONS. EVIDENCE OF FAILURE IS OBSTRUCTION OF VISION BY DUST, MOISTURE, OR FILM ON INTERIOR SURFACES OF GLASS.
   1. WARRANTY PERIOD: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
C. GLAZING PUBLICATIONS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF GLASS PRODUCT MANUFACTURERS AND ORGANIZATIONS BELOW UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. SEE THE FOLLOWING PUBLICATION FOR GLAZING TERMS NOT OTHERWISE DEFINED IN THIS SECTION OR IN REFERENCED STANDARDS.
   1. NGA PUBLICATIONS: "GLAZING MANUAL."
D. SAFETY GLAZING LABELING: WHERE SAFETY GLAZING IS INDICATED, PERMANENTLY MARK GLAZING WITH CERTIFICATION LABEL OF THE SGCC OR ANOTHER CERTIFICATION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. LABEL SHALL INDICATE MANUFACTURER'S NAME, TYPE OF GLASS, THICKNESS, AND SAFETY GLAZING STANDARD WITH WHICH GLASS COMPLIES.
   1. SAFETY GLAZING: WHERE SAFETY GLAZING IS INDICATED OR REQUIRED BY BUILDING CODE, PROVIDE GLAZING THAT COMPLIES WITH 16 CFR 1201, CATEGORY II.
E. THICKNESS: WHERE GLASS THICKNESS IS INDICATED, IT IS A MINIMUM. PROVIDE GLASS THAT COMPLIES WITH PERFORMANCE REQUIREMENTS AND IS NOT LESS THAN THE THICKNESS INDICATED.
F. SOURCE LIMITATIONS FOR GLASS: OBTAIN FROM SINGLE SOURCE FROM SINGLE MANUFACTURER FOR EACH GLASS TYPE.
G. CLEAR ANNEALED FLOAT GLASS: ASTM C1036, TYPE I, CLASS 1 (CLEAR), QUALITY-Q3.
H. HEAT-STRENGTHENED FLOAT GLASS: ASTM C1048, KIND HS (HEAT STRENGTHENED), TYPE I, CONDITION A (UNCOATED) UNLESS OTHERWISE INDICATED, TYPE I, CLASS 1 (CLEAR) OR CLASS 2 (TINTED) AS INDICATED, QUALITY-Q3.
I. FULLY TEMPERED FLOAT GLASS: ASTM C1048, KIND FT (FULLY TEMPERED), CONDITION A (UNCOATED) UNLESS OTHERWISE INDICATED, TYPE I, CLASS 1 (CLEAR) OR CLASS 2 (TINTED) AS INDICATED, QUALITY-Q3.
J. INSULATING-GLASS UNITS: FACTORY-ASSEMBLED UNITS CONSISTING OF SEALED LITES OF GLASS SEPARATED BY A DEHYDRATED INTERSPACE, QUALIFIED IN ACCORDANCE WITH ASTM E2190.
   1. SEALING SYSTEM: DUAL SEAL, WITH GLAZING UNIT FABRICATOR'S RECOMMENDED PRIMARY AND SECONDARY SEALANTS.
      a. LOW-E COATINGS SHALL NOT CONTACT SEALING SYSTEM.
   2. PERIMETER SPACER: GLAZING UNIT FABRICATOR'S RECOMMENDED WARM EDGE SPACER MEETING INDICATED UNIT PERFORMANCE REQUIREMENTS.
      a. COLOR: MANUFACTURER'S STANDARD.
   3. DESICCANT: MOLECULAR SIEVE OR SILICA GEL, OR A BLEND OF BOTH.
   4. ARGON FILL: ARGON FILL, IF USED, UNIT INTERSPACE SHALL CONTAIN NOT LESS THAN 90 PERCENT ARGON.
   5. SOURCE QUALITY CONTROL: TEST UNITS IN ACCORDANCE WITH ASTM E2190.
K. EXTERIOR GLAZING SCHEDULE
   1. GLASS TYPE EGL 01: INSULATED GLAZING, CLEAR GLASS, AS INDICATED ON THE BUILDING ELEVATIONS.
      a. OVERALL UNIT THICKNESS: 1 INCH.
      b. MINIMUM THICKNESS OF EACH GLASS LITE: 6 MM.
      c. OUTBOARD LITE: BASIS-OF-DESIGN PRODUCT: VITRO SOLARBAN 60, LOW-E COATING ON 2ND SURFACE.
      d. HEAT TREATMENT OF OUTBOARD LITE: HEAT STRENGTHENED, UNLESS FULLY-TEMPERED IS REQUIRED.
      e. INTERSPACE CONTENT: AS REQUIRED TO MEET PERFORMANCE REQUIREMENTS.
      f. INBOARD LITE: CLEAR.
      g. VISIBLE LIGHT TRANSMITTANCE: 70 PERCENT MINIMUM.
      h. VISIBLE LIGHT REFLECTANCE (OUT): 11 PERCENT MAXIMUM.
      i. WINTER NIGHTTIME U-FACTOR: 0.29 MAXIMUM.
      j. SHGC: 0.38 MAXIMUM.
      k. PROVIDE SAFETY GLAZING WHERE REQUIRED BY BUILDING CODE.

DIVISION 09 – FINISHES

SECTION 09 05 61 – COMMON WORK RESULTS FOR FLOORING PREPARATION

SECTION 09 05 61 NO LONGER USED

A. TROWELABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT BASED OR BLENDED HYDRAULIC-CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS INDICATED.
B. EXAMINE SUBSTRATES, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR MAXIMUM MOISTURE CONTENT AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
   1. VERIFY THAT FINISHES OF SUBSTRATES COMPLY WITH TOLERANCES AND OTHER REQUIREMENTS SPECIFIED IN OTHER SECTIONS AND THAT SUBSTRATES ARE FREE OF CRACKS, RIDGES, DEPRESSIONS, SCALE, AND FOREIGN DEPOSITS THAT MIGHT INTERFERE WITH ADHESION OF FLOORING.
C. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
D. CONCRETE SUBSTRATES: PREPARE ACCORDING TO ASTM F710.
   1. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS.
   2. REMOVE SUBSTRATE COATINGS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES AND THAT CONTAIN SOAP, WAX, OIL, OR SILICONE, USING MECHANICAL METHODS RECOMMENDED BY FLOORING MANUFACTURER. DO NOT USE SOLVENTS.
   3. TESTING: TEST SUBSTRATES AS RECOMMENDED BY ADHESIVE AND FLOORING MANUFACTURERS. TESTS SHALL INCLUDE NOT LESS THAN THE FOLLOWING:
      a. TEST FR[…] EST AREA DOES NOT EXCEED […] THREE TESTS IN EACH INSTALLATION […] NLY SPACED IN INSTALLATION AREAS.
      b. ALKALINITY AND […] TESTS RECOMMENDED BY FLOORING MANUFACTU[…] WITH INSTALLATION ONLY AFTER SUBSTRATE ALKALINITY […] RANGE ON PH SCALE RECOMMENDED BY MANUFACTURER IN WRITING, BUT NOT LESS THAN 5 OR MORE THAN 9 PH.
      c. MOISTURE TESTING: PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING ACCORDING TO FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS, BUT NOT LESS STRINGENT THAN THE FOLLOWING:
         1) PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F1869. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE OF 3 LB OF WATER/1000 SQ. FT. IN 24 HOURS.
         2) PERFORM RELATIVE HUMIDITY TEST USING IN SITU PROBES ACCORDING TO ASTM F2170. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE A MAXIMUM 75 PERCENT RELATIVE HUMIDITY LEVEL.
      d. SUBMIT TEST RESULTS PRIOR TO BEGINNING OF INSTALLATION.
      e. IF SUBSTRATE FAILS TESTING, NOTIFY ARCHITECT IMMEDIATELY IN WRITING AND WITHHOLD FLOORING INSTALLATION UNTIL PROVIDED DIRECTION BY ARCHITECT.
      f. BEGINNING OF INSTALLATION INDICATES INSTALLER ACCEPTANCE OF SUBSTRATE CONDITIONS.
E. FILL CRACKS, HOLES, AND DEPRESSIONS IN SUBSTRATES WITH TROWELABLE LEVELING AND PATCHING COMPOUND; REMOVE BUMPS AND RIDGES TO PRODUCE A UNIFORM AND SMOOTH SUBSTRATE.

SECTION 09 05 81 – COMMON WORK RESULTS FOR FLOORING INSTALLATION

SECTION 09 05 81 NO LONGER USED

A. COMPATIBILITY CERTIFICATION: CERTIFICATIONS FROM ADHESIVE AND FLOORING MANUFACTURERS THAT PRODUCTS ARE COMPATIBLE WITH FLOORING, CONCRETE CURING COMPOUNDS, AND OTHER PROJECT-SPECIFIC SUBSTRATE CONDITIONS.
B. INSTALLER QUALIFICATIONS: A QUALIFIED INSTALLER WHO EMPLOYS WORKERS FOR THIS PROJECT WHO ARE COMPETENT IN TECHNIQUES REQUIRED BY MANUFACTURER FOR FLOORING INSTALLATION AND SEAMING METHOD INDICATED.
C. RESILIENT MOLDING ACCESSORIES:
   1. PROFILE AND DIMENSIONS: MANUFACTURER'S STANDARD AS REQUIRED TO PROVIDE A NOMINALLY FLUSH TRANSITION.
   2. LOCATIONS: PROVIDE RESILIENT MOLDING TRANSITIONS IN AREAS INDICATED AND AT ALL DOORWAYS AND DISSIMILAR FLOORING MATERIALS WHERE OTHER TRANSITION MATERIALS ARE NOT INDICATED.
   3. COLORS AND PATTERNS: AS SELECTED BY ARCHITECT FROM FULL RANGE OF INDUSTRY COLORS UNLESS OTHERWISE INDICATED.
D. METAL EDGE STRIPS: E[…] S INDICATED OTHERWISE. ANGLE OR L-SHAPED, H[…] ALLIC, DESIGNED SPECIFICALLY FOR FLOORING […] MATERIAL. PROVIDE IN MAXIMUM AVAILABLE LENGTHS TO MINIM[…]
E. IMMEDIATELY BEFORE INSTALL[…] CLEAN SUBSTRATES TO BE COVERED BY FLOORING.
F. LAY OUT FLOORING AS FOLLOWS:
   1. MAINTAIN UNIFORMITY OF FLOORING DIRECTION.
   2. MINIMIZE NUMBER OF SEAMS; PLACE SEAMS IN INCONSPICUOUS AND LOW-TRAFFIC AREAS, AT LEAST 6 INCHESAWAY FROM PARALLEL JOINTS IN FLOORING SUBSTRATES.
   3. MATCH EDGES OF FLOORING FOR COLOR SHADING AT SEAMS.
   4. AVOID CROSS SEAMS.
G. SCRIBE AND CUT FLOORING TO BUTT NEATLY AND TIGHTLY TO VERTICAL SURFACES, PERMANENT FIXTURES, AND BUILT-IN FURNITURE INCLUDING CABINETS, PIPES, OUTLETS, AND DOOR FRAMES.
H. EXTEND FLOORING INTO TOE SPACES, DOOR REVEALS, CLOSETS, AND SIMILAR OPENINGS.
I. PERFORM MANUFACTURER'S RECOMMENDED CLEANING OPERATIONS IMMEDIATELY AFTER COMPLETING FLOORING INSTALLATION:
J. PROTECT FLOORING FROM MARS, MARKS, INDENTATIONS, AND OTHER DAMAGE FROM CONSTRUCTION OPERATIONS AND PLACEMENT OF EQUIPMENT AND FIXTURES DURING REMAINDER OF CONSTRUCTION PERIOD.

SECTION 09 91 00 – PAINTING

A. SECTION INCLUDES:
   1. PAINT SYSTEMS ON EXTERIOR SUBSTRATES.
      a. EXTERIOR SUBSTRATES INCLUDE SUBSTRATES SUBJECT TO SIGNIFICANT TEMPERATURE AND HUMIDITY FLUCTUATIONS, INCLUDING SUBSTRATES IN NON-CONDITIONED ENCLOSED SPACES.
   2. HIGH-PERFORMANCE COATING SYSTEMS, INCLUDING FINISH COATS FOR SHOP-APPLIED HIGH-PERFORMANCE PRIMERS
B. FURNISH EXTRA MATERIALS, FROM THE SAME PRODUCT RUN, THAT MATCH PRODUCTS INSTALLED AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS.
   1. PAINT: 5 PERCENT, BUT NOT LESS THAN 1 GALLONOF EACH MATERIAL, COLOR, AND SHEEN APPLIED.
C. MATERIAL COMPATIBILITY:
   1. MATERIALS FOR USE WITHIN EACH PAINT SYSTEM SHALL BE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE.
   2. FOR EACH COAT IN A PAINT SYSTEM, PRODUCTS SHALL BE RECOMMENDED IN WRITING BY TOPCOAT MANUFACTURERS FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.
D. PAINT SYSTEMS: UNLESS OTHERWISE INDICATED, PAINT SYSTEMS SHALL CONSIST OF ONE PRIME COAT AND TWO FINISH COATS. PROVIDE TINTED PRIMER WHEN RECOMMENDED BY SYSTEM MANUFACTURER.
E. COLORS: REFER TO ROOM FINISH MATERIAL KEY ON DRAWINGS.
F. EXAMINE SUBSTRATES AND CONDITIONS, WITH APPLICATOR PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR MAXIMUM MOISTURE CONTENT AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
G. PAINTABLE SEALANTS SHALL BE INSTALLED AND CURED PRIOR TO PAINTING.
H. VERIFY SUITABILITY OF SUBSTRATES, INCLUDING SURFACE CONDITIONS AND COMPATIBILITY, WITH EXISTING FINISHES AND PRIMERS.
I. PROCEED WITH COATING APPLICATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
   1. APPLICATION OF COATING INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS.
J. MAXIMUM MOISTURE CONTENT OF SUBSTRATES: MEASURE SUBSTRATES WITH AN ELECTRONIC MOISTURE METER TO VERIFY SUBSTRATES COMPLY WITH MANUFACTURERS' RECOMMENDATIONS.
K. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES AND PAINT SYSTEMS INDICATED.
L. REMOVE HARDWARE, COVERS, PLATES, AND SIMILAR ITEMS ALREADY IN PLACE THAT ARE REMOVABLE AND ARE NOT TO BE PAINTED. IF REMOVAL IS IMPRACTICAL OR IMPOSSIBLE BECAUSE OF SIZE OR WEIGHT OF ITEM, PROVIDE SURFACE-APPLIED PROTECTION BEFORE SURFACE PREPARATION AND PAINTING.
   1. AFTER COMPLETING PAINTING OPERATIONS, USE WORKERS SKILLED IN THE TRADES INVOLVED TO REINSTALL ITEMS THAT WERE REMOVED. REMOVE SURFACE-APPLIED PROTECTION IF ANY.
M. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF PAINTS, INCLUDING DUST, DIRT, OIL, GREASE, AND INCOMPATIBLE PAINTS AND ENCAPSULANTS.
   1. REMOVE INCOMPATIBLE PRIMERS AND REPRIME SUBSTRATE WITH COMPATIBLE PRIMERS OR APPLY TIE COAT AS REQUIRED TO PRODUCE PAINT SYSTEMS INDICATED.
N. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND TO RECOMMENDATIONS IN "MPI MANUAL."
   1. USE APPLICATORS AND TECHNIQUES SUITED FOR PAINT AND SUBSTRATE INDICATED.
   2. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES. BEFORE FINAL INSTALLATION, PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.
   3. PAINT FRONT AND BACKSIDES OF ACCESS PANELS, REMOVABLE OR HINGED COVERS, AND SIMILAR HINGED ITEMS TO MATCH EXPOSED SURFACES.
   4. DO NOT PAINT OVER LABELS OF INDEPENDENT TESTING AGENCIES OR EQUIPMENT NAME, IDENTIFICATION, PERFORMANCE RATING, OR NOMENCLATURE PLATES.
   5. PRIMERS SPECIFIED IN PAINTING SCHEDULES MAY BE OMITTED ON ITEMS THAT ARE FACTORY PRIMED OR FACTORY FINISHED IF ACCEPTABLE TO TOPCOAT MANUFACTURERS.

SECTION 09 91 00, SECTION O. NO LONGER USED

O. PAINT THE FOLLOWING WORK WHERE EXPOSED IN OCCUPIED SPACES:
   1. ACCESS DOORS AND FRAMES.
   2. FIRE EXTING[…]
   3. EQUIPMENT[…]
   4. UNINSULATED META[…]
   5. UNINSULATED PLAS[…]
   6. PIPE HANGERS AND[…]
   7. METAL COND[…]
   8. PLASTIC CO[…]
   9. DUCT, EQUIPMENT, AND PIPE INSULATION HAVING COTTON OR CANVAS INSULATION COVERING OR OTHER PAINTABLE JACKET MATERIAL.
   10. OTHER ITEMS AS DIRECTED BY ARCHITECT.
P. PAINT PORTIONS OF INTERNAL SURFACES OF METAL DUCTS, WITHOUT LINER, BEHIND AIR INLETS AND OUTLETS THAT ARE VISIBLE FROM OCCUPIED SPACES; COLOR SHALL BE FLAT BLACK.
Q. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR, AND APPEARANCE.
R. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS.
S. COMPLETED WORK SHALL MATCH APPROVED SAMPLES FOR COLOR, TEXTURE, AND COVERAGE. REMOVE, REFINISH, OR REPAINT WORK NOT COMPLYING WITH REQUIREMENTS.
T. PAINTED SURFACES SHALL BE CONSIDERED TO LACK UNIFORMITY AND SOUNDNESS IF ANY OF THE FOLLOWING DEFECTS ARE APPARENT. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
   1. BRUSH/ROLLER MARKS, STREAKS, LAPS, RUNS, SAGS, DRIPS, HEAVY STIPPLING, HIDING OR SHADOWING BY INEFFICIENT APPLICATION METHODS, SKIPPED OR MISSED AREAS, AND FOREIGN MATERIALS IN PAINT COATINGS.
   2. EVIDENCE OF POOR COVERAGE AT RIVET HEADS, PLATE EDGES, LAP JOINTS, CREVICES, POCKETS, CORNERS AND RE-ENTRANT ANGLES.
   3. DAMAGE DUE TO TOUCHING BEFORE PAINT IS SUFFICIENTLY DRY OR ANY OTHER CONTRIBUTORY CAUSE.
   4. DAMAGE DUE TO APPLICATION ON MOIST SURFACES OR CAUSED BY INADEQUATE PROTECTION FROM THE WEATHER.
   5. DAMAGE AND/OR CONTAMINATION OF PAINT DUE TO WIND-BLOWN CONTAMINANTS (DUST, SAND BLAST MATERIALS, SALT SPRAY, ETC.).
U. PAINTED SURFACES SHALL BE CONSIDERED UNACCEPTABLE IF ANY OF THE FOLLOWING ARE EVIDENT UNDER NATURAL LIGHTING SOURCE OR PERMANENT ARTIFICIAL LIGHTING SOURCE. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
   1. VISIBLE DEFECTS EVIDENT ON VERTICAL SURFACES WHEN VIEWED AT 90 DEGREES TO THE SURFACE FROM A DISTANCE OF 39 INCHES.
   2. VISIBLE DEFECTS EVIDENT ON HORIZONTAL SURFACES WHEN VIEWED AT 45 DEGREES TO THE SURFACE FROM A DISTANCE OF 39 INCHES.
   3. VISIBLE DEFECTS EVIDENT ON SOFFIT AND OTHER OVERHEAD SURFACES WHEN VIEWED AT 45 DEGREES TO THE SURFACE.
   4. WHEN THE FINAL COAT ON ANY SURFACE EXHIBITS A LACK OF UNIFORMITY OF SHEEN ACROSS FULL SURFACE AREA.
V. SMALL AFFECTED AREAS MAY BE TOUCHED UP; LARGE AFFECTED AREAS OR AREAS WITHOUT SUFFICIENT DRY FILM THICKNESS OF PAINT SHALL BE REPAINTED. RUNS, SAGS OF DAMAGED PAINT SHALL BE REMOVED BY SCRAPER OR BY SANDING PRIOR TO APPLICATION OF PAINT.
W. AFTER COMPLETING PAINT APPLICATION, CLEAN SPATTERED SURFACES. REMOVE SPATTERED PAINTS BY WASHING, SCRAPING, OR OTHER METHODS. DO NOT SCRATCH OR DAMAGE ADJACENT FINISHED SURFACES.
X. PROTECT WORK OF OTHER TRADES AGAINST DAMAGE FROM PAINT APPLICATION. CORRECT DAMAGE TO WORK OF OTHER TRADES BY CLEANING, REPAIRING, REPLACING, AND REFINISHING, AS APPROVED BY ARCHITECT, AND LEAVE IN AN UNDAMAGED CONDITION.
Y. AT COMPLETION OF CONSTRUCTION ACTIVITIES OF OTHER TRADES, TOUCH UP AND RESTORE DAMAGED OR DEFACED PAINTED SURFACES.

SECTION 09 91 00, SECTION Z. AND AA. NO LONGER USED

Z. CMU SUBSTRATES:
   1. EGGSHELL, ACRYLIC FINISH:
      a. BLOCK FILLER: HIGH PERFORMANCE LATEX BLOCK FILLER.
         1) MOORE: BENJAMIN MOORE BLOCK FILLER 244.
         2) PPG: PERMA-CRETE CONCRETE BLOCK & MASONRY SURFACER/FILLER 4-100XI.
         3) SW: LOXON BLOCK SURFACER LX01.
      b. FIRST AND SECOND COATS: EXTERIOR, LATEX, LOW-LUSTER (EGGSHELL OR SATI[…]
         1) M[…] N455.
         2) […] SATIN 6-2045XI SERIES.
         3) […]
AA. WOOD SUBSTRATE[…]
   1. FLAT, ACRY[…]
      a. PRIM[…] IC-LATEX BASED PRIMER.
         1) MOORE: FRESH START HIGH HIDING ALL PURPOSE PRIMER N046.
         2) PPG: SEAL GRIP INT/EXT ACRYLIC UNIVERSAL PRIMER/SEALER 17-921XI.
         3) SW EXTERIOR LATEX WOOD PRIMER B42W08041.
      b. FIRST AND SECOND COATS: EXTERIOR, LATEX, FLAT.
         1) MOORE: ULTRA SPEC EXTERIOR FINISH N447.
         2) PPG: SPEEDHIDE EXTERIOR 100% ACRYLIC LATEX FLAT 6-600XI SERIES.
         3) SW A-100 EXTERIOR LATEX FLAT PAINT A6 SERIES.
BB. GALVANIZED STEEL SUBSTRATES:
   1. FULL GLOSS, ALKYD SYSTEM:
      a. PRIME COAT:
         1) MOORE: EQUAL TO SPECIFIED PRODUCT.
         2) PPG: EQUAL TO SPECIFIED PRODUCT.
         3) SW: KEM-KROMIK UNIVERSAL PRIMER.
      b. FIRST AND SECOND COATS: FULL-GLOSS, ALKYD ENAMEL.
         1) MOORE: EQUAL TO SPECIFIED PRODUCT.
         2) PPG: EQUAL TO SPECIFIED PRODUCT.
         3) SW: PRO INDUSTRIAL URETHANE ALKYD ENAMEL.
CC. PRIMED STEEL SUBSTRATES:
   1. FULL GLOSS, ALKYD SYSTEM:
      a. FIRST AND SECOND COATS: FULL-GLOSS, ALKYD ENAMEL.
         1) MOORE: EQUAL TO SPECIFIED PRODUCT.
         2) PPG: EQUAL TO SPECIFIED PRODUCT.
         3) SW: PRO INDUSTRIAL URETHANE ALKYD ENAMEL.

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel. 414-272-2000
Fax 414-272-2001
KS PROJECT #222078.00

The Board of Regents of the
Universtiy of Wisconsin on behalf of
the University of Wisconsin - Whitewater

Project Location:
1062 W Schwager Dr, Whitewater, WI 53190

UW-WHITEWATER - MILLER STADIUM PRESSBOX

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Whitewater, WI

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SPECIFICATIONS

Revisions:

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1	09-12-24	Addendum 1

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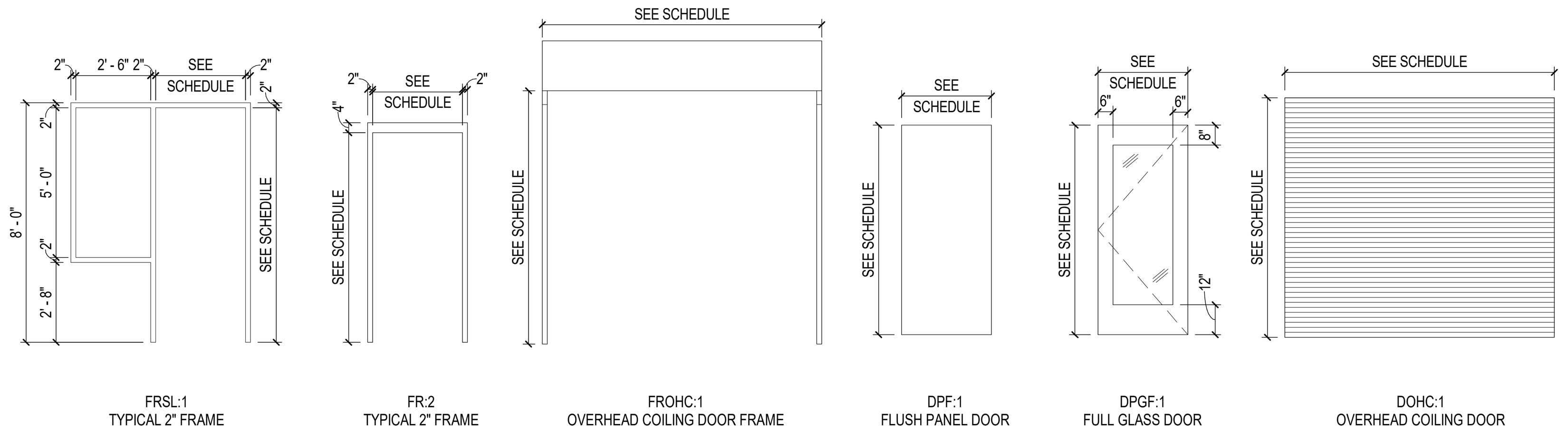
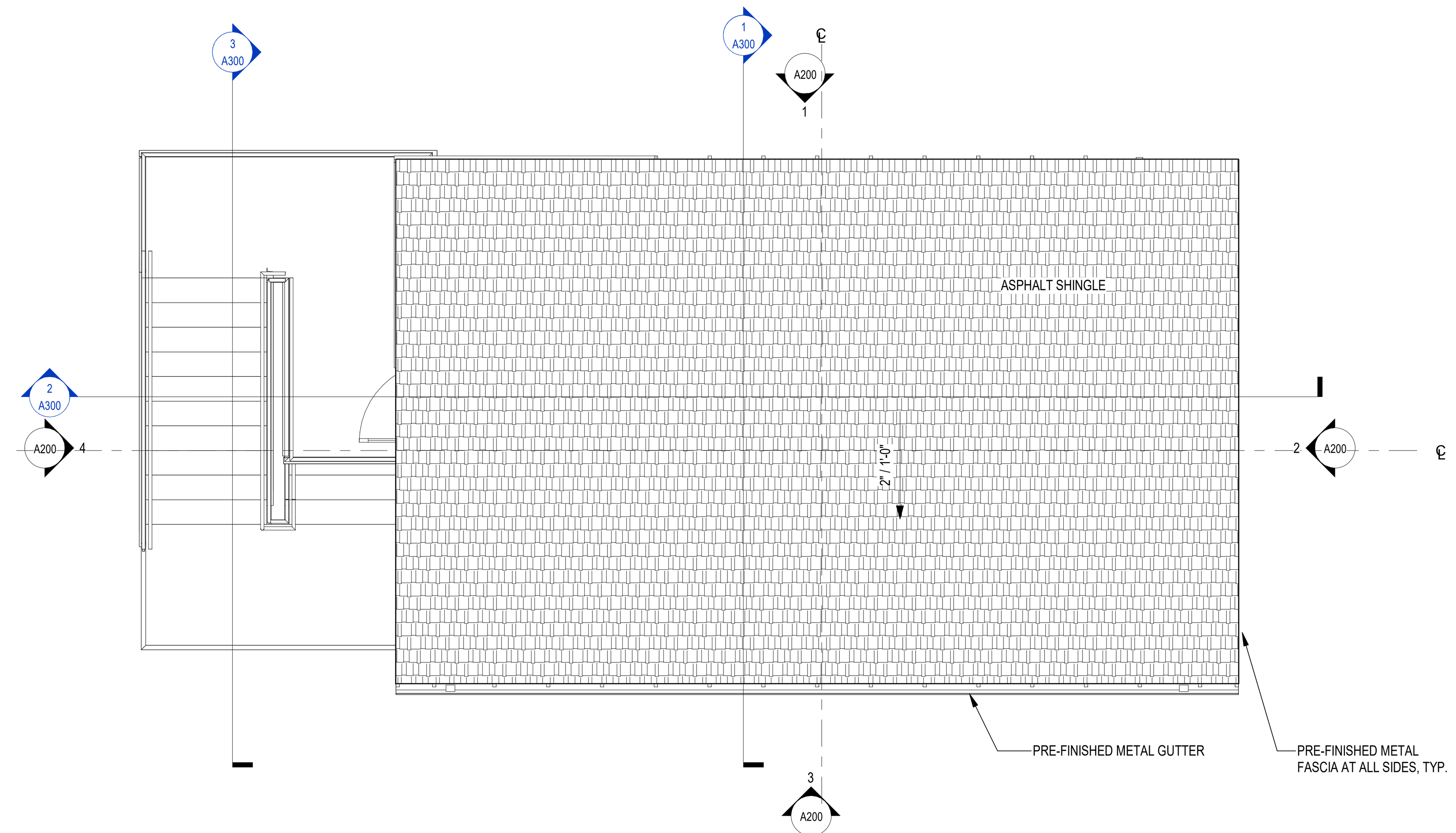


LEGEND - DOOR PANEL AND FRAME TYPES
1/4" = 1'-0"

DOOR SCHEDULE

					DOOR PANEL						DOOR FRAME				DETAILS					
MARK	ROOM	TOTAL WIDTH	HEIGHT	THICKNESS	TYPE	PANEL A WIDTH	PANEL B WIDTH	MATERIAL	FINISH	GLAZING	TYPE	MATERIAL	FINISH	GLAZING	HEAD	JAMB	FIRE RATING	Hardware Set	COMMENTS	REV
Level 1																				
01A	CONCESSIONS	3'-0"	7' - 0"	1 3/4"	DPF : 1	3' - 0"		HM	PT		FR : 2	HM	PT		19/A500	20/A500		01		
01B	CONCESSIONS	3'-0"	7' - 0"	1 3/4"	DPGF : 1	3' - 0"		HM	PT	GL-1	FR : 2	HM	PT		19/A500	20/A500		01		
01C	CONCESSIONS	8'-0"	5' - 5"	1 3/4"	DOHC : 1	9' - 0"	0"	SS	SS		FROHC : 1	SS	SS		22/A500	21/A500				
Level 2																				
02	PRESSBOX	3'-0"	7' - 10"	1 3/4"	DPGF : 1	3' - 0"		AL	AN	GL-1	FRSL : 1	AL	AN	GL-1	13/A500	14/A500		AL1		

AN = ANODIZED DARK BRONZE



3 ROOF PLAN
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES:

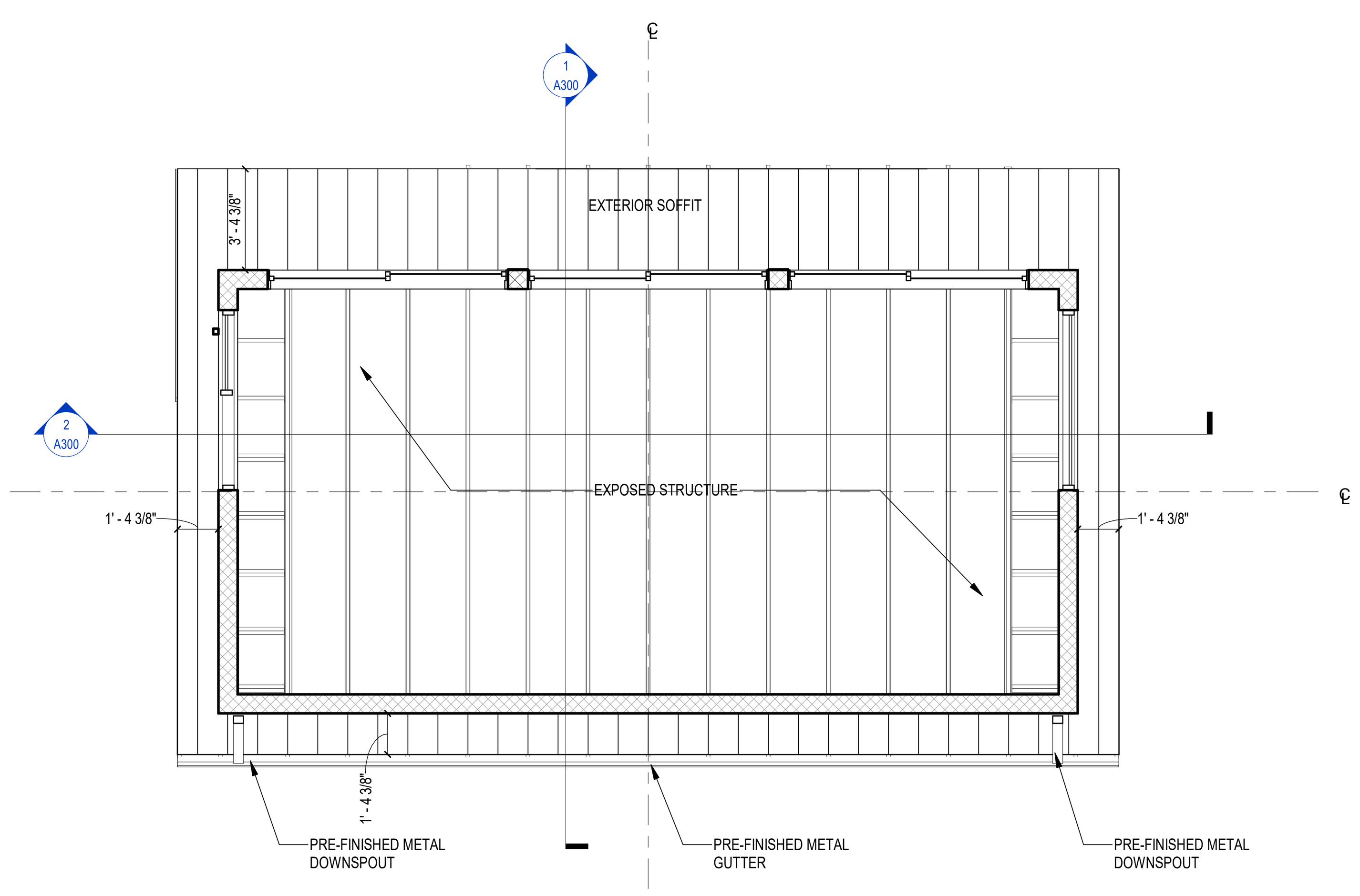
1. ALL INTERIOR FINISHES, INCLUDING BUT NOT LIMITED TO: PAINTING, FLOORING, CEILINGS, AND COUNTERTOPS ETC. ARE BY OWNER U.N.O.
2. ALL MEP ITEMS ARE SHOWN FOR REFERENCE. REFER TO SPECIFIC TRADES DOCUMENTS FOR MORE INFORMATION.
3. FILL CONTROL JOINTS IN EXPOSED CONCRETE FLOOR WITH JOINT SEALANTS PER SPECIFICATIONS.
4. OUTSIDE OF DOOR FRAME TO BE LOCATED 6" FROM ADJACENT PERPENDICULAR WALL, U.N.O.
5. ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ARCHITECTS ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
6. IT IS THE RESPONSIBILITY OF THE GPC TO COORDINATE WITH ALL SUB-CONTRACTORS AND MEP CONTRACTORS TO FIELD VERIFY ALL SYSTEMS.
7. GPC IS TO INCLUDE EXTERIOR PAINTING OF ALL EXPOSED NON- PREFINISHED METALS INCLUDING EXTERIOR STAIRS, COLUMNS, GUARD RAILINGS, HAND RAILINGS, HOLLOW METAL DOORS AND FRAMES (BOTH INTERIOR AND EXTERIOR), ETC. (1 ADD)

REFLECTED CEILING PLAN GENERAL NOTES

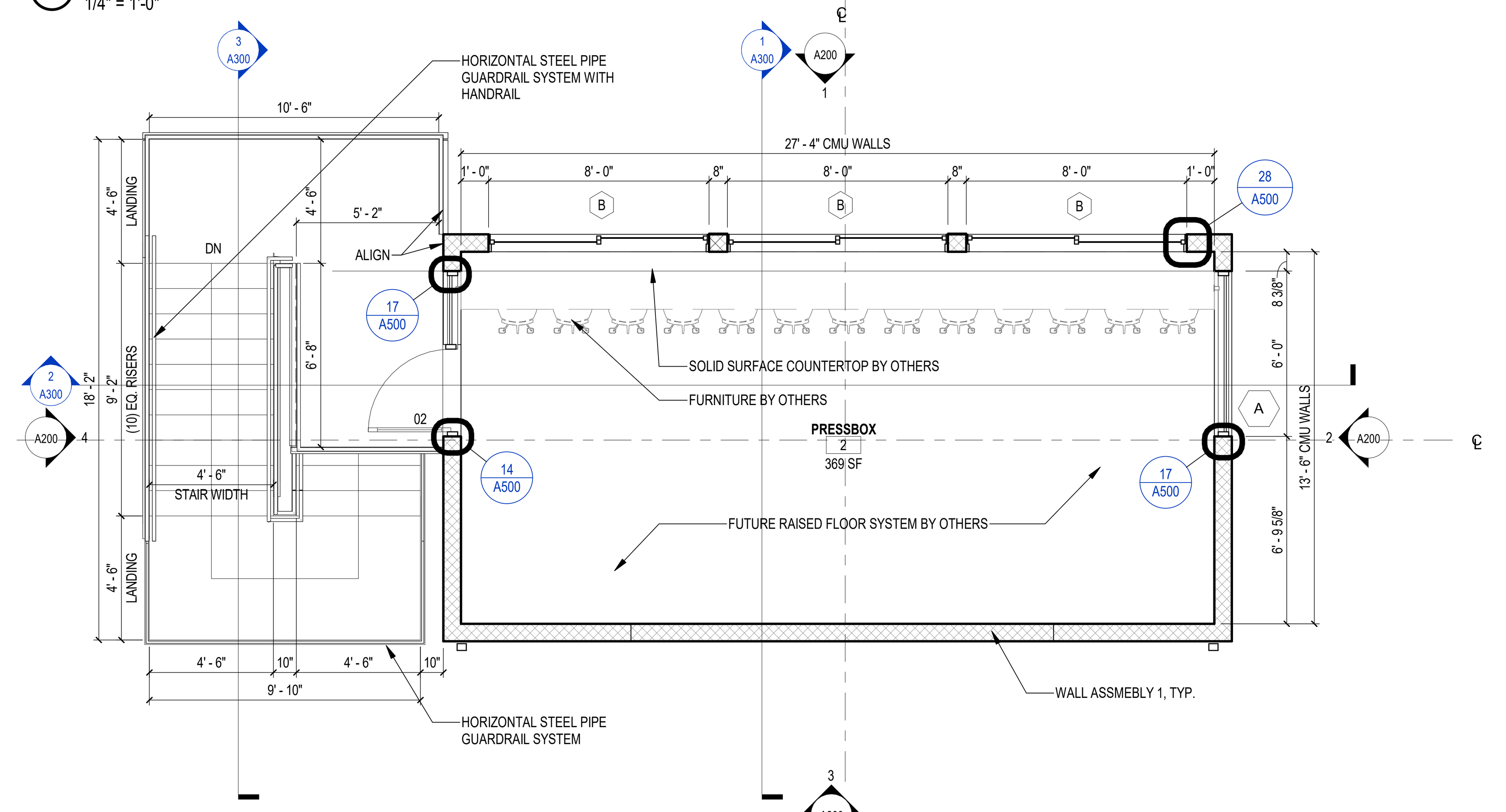
1. THIS PLAN SHALL BE USED TO ESTABLISH THE LOCATIONS OF THE MAJOR CEILING PENETRATIONS/EXPOSED FIXTURES INCLUDING: LIGHTING, HVAC GRILLES, ACCESS PANEL, SPRINKLERS, SPEAKERS, ETC. SEE M.E.P. DRAWINGS FOR MORE SPECIFIC INFORMATION REGARDING EACH DISCIPLINE. IF CONFLICTS ARE DISCOVERED REGARDING LOCATION OF CEILING PENETRATIONS/EXPOSED FIXTURES, CONTACT ARCHITECT FOR FURTHER INFORMATION.
2. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.

DOOR AND FRAME GENERAL NOTES

1. BRING ANY UNUSUAL DIMENSIONS, HEIGHTS, HARDWARE AND/OR CONDITIONS TO ARCHITECTS ATTENTION PRIOR TO CONSTRUCTION.
2. TYPICAL HOLLOW METAL FRAME TO BE 2" WIDE AND DOUBLE RABBETED WITH 1/2" RETURN ON EACH SIDE.
3. HOLLOW METAL FRAMES SHALL BE WELDED AND GROUND FRAMES ONLY, WITH 3 CUSHIONS ON THE LATCH SIDE.
4. DOOR HARDWARE SHALL BE ADA COMPLIANT, INCLUDING LEVER HANDLE LATCH AND LOCK SETS, AND DELAY ADJUSTABLE CLOSERS AS REQUIRED.
5. OVERHEAD DOOR STOPS TO BE 110°, UNLESS NOTED OTHERWISE.



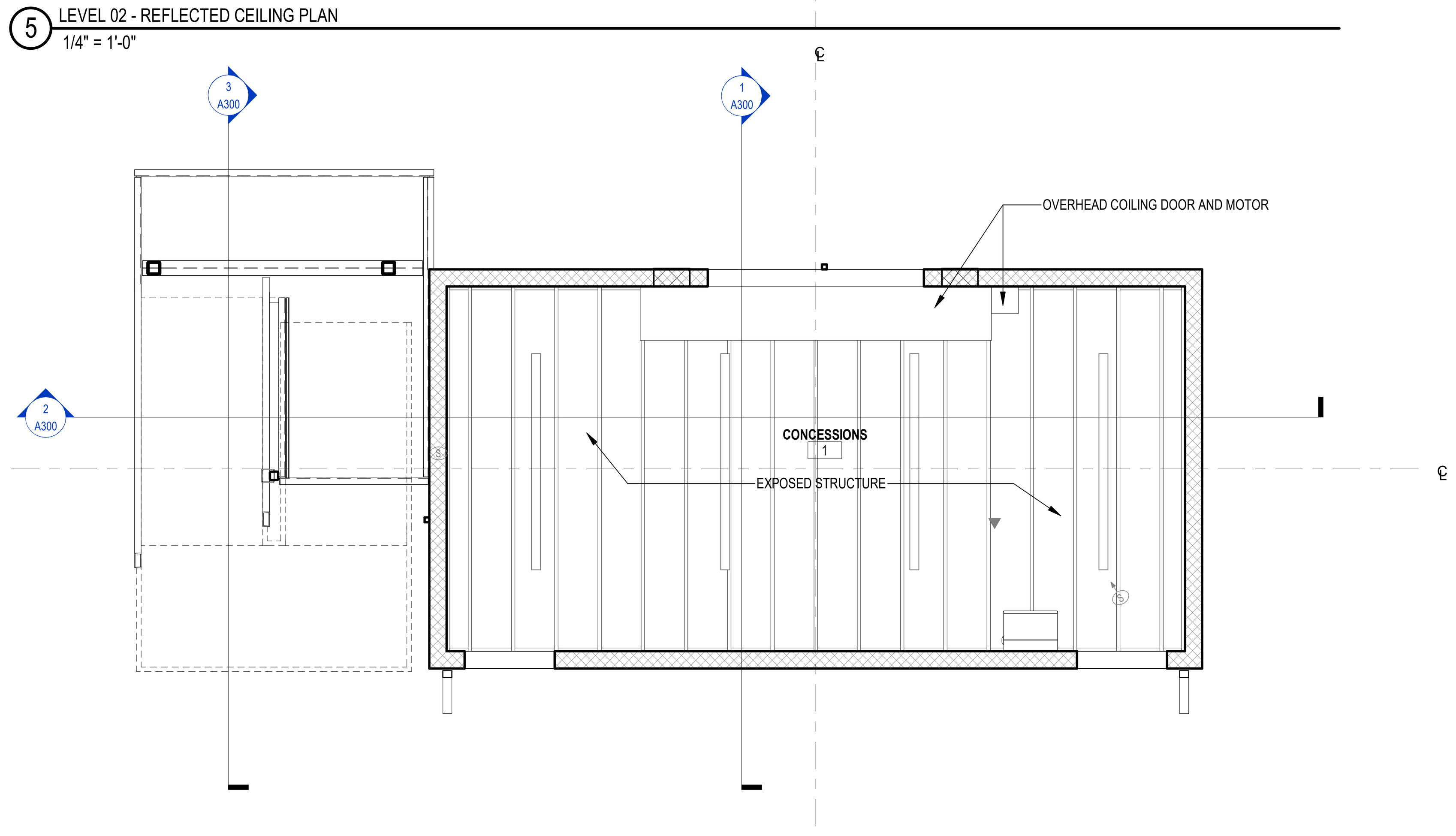
5 LEVEL 02 - REFLECTED CEILING PLAN
1/4" = 1'-0"



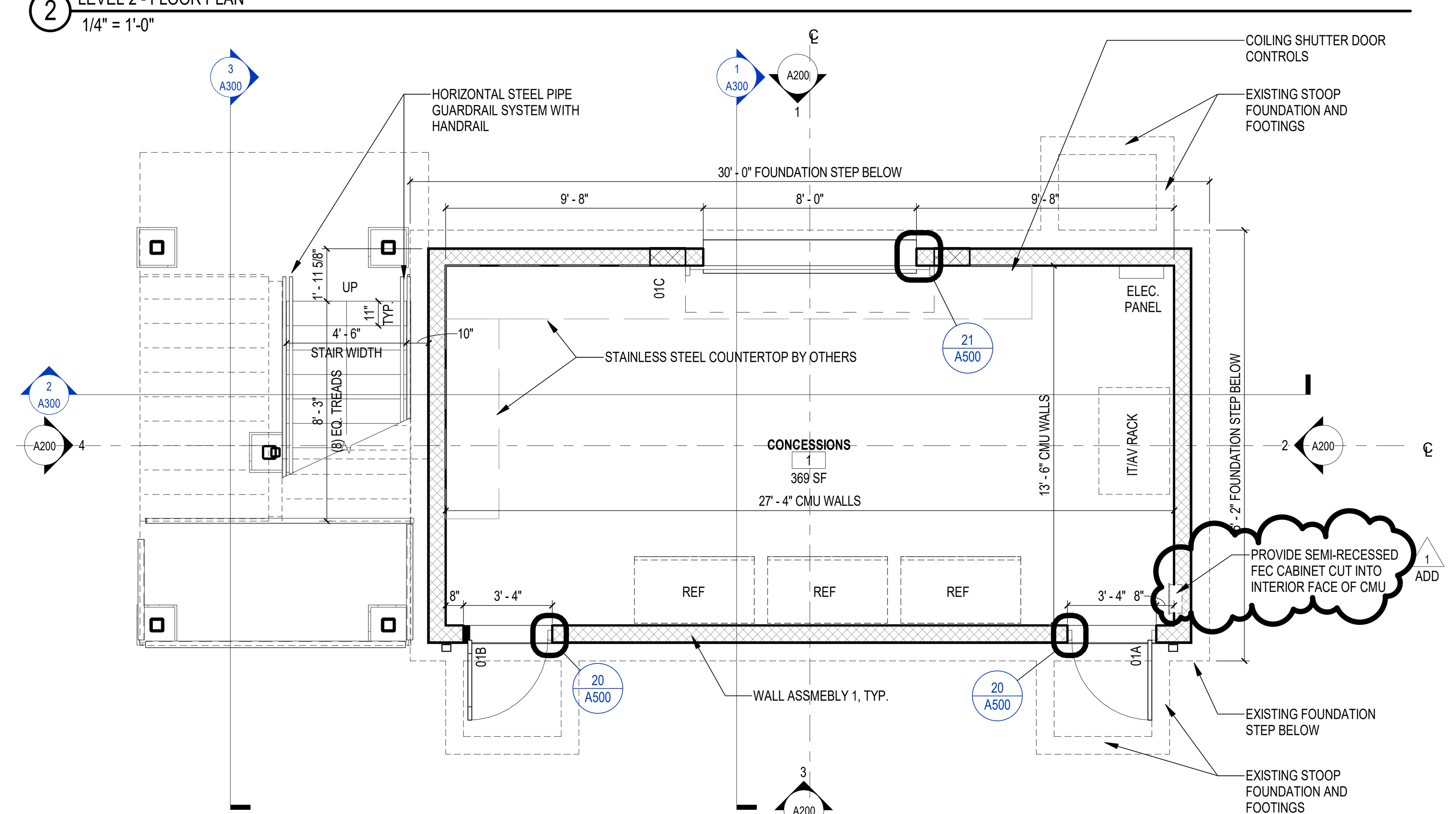
2 LEVEL 2 - FLOOR PLAN
1/4" = 1'-0"

RCP LEGEND

	SUSPENDED ACOUSTIC TILE CEILING SYSTEM
	SUSPENDED GYPSUM BOARD CEILING SYSTEM
	LIGHT FIXTURES - SEE ELECTRICAL DRAWINGS
	MECH FIXTURES - SEE MECHANICAL DRAWINGS
	CEILING MOUNTED PRIVACY CURTAIN TRACK
	GYP BD CONTROL JOINT



4 LEVEL 01 - REFLECTED CEILING PLAN
1/4" = 1'-0"



1 LEVEL 1 - FLOOR PLAN
1/4" = 1'-0"

TRUE NORTH
PLAN NORTH
APPLIES TO ALL PLANS

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel. 414-272-2000
Fax 414-272-2001
KS PROJECT #222078.00

The Board of Regenfs of the Universtiy of Wisconsin on behalf of the University of Wisconsin - Whitewater

Project Location:
1062 W Schwager Dr, Whitewater, WI 53190

UW-WHITEWATER - MILLER STADIUM PRESSBOX

University of Wisconsin-Whitewater
Whitewater, WI

Sheet Title
FLOOR PLANS - PRESSBOX

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ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	GENERAL NOTE FOR LIGHT FIXTURE SYMBOLS. THE MOUNTING TYPE OF LIGHT FIXTURES IS INDICATED IN THE SYMBOLS ON THE DRAWINGS AS FOLLOWS: - NO CENTER DOT INDICATES FIXTURE IS RECESSED. - FILLED CENTER DOT INDICATES FIXTURE IS SURFACE/PENDANT MOUNTED. REFER TO LIGHT FIXTURE SCHEDULE AND LIGHTING PLAN NOTES FOR FURTHER INFORMATION.
	SQUARE/RECTANGULAR LIGHTING FIXTURE
	LINEAR LIGHTING FIXTURE
	ROUND/RING LIGHTING FIXTURE
	WALL WASH LIGHTING FIXTURE
	CEILING FAN LIGHTING FIXTURE
	WALL-MOUNTED FIXTURES
	DIRECTIONAL LIGHT, TRACK, FLOOD
	LIGHT TRACK
	LOW VOLTAGE LINEAR LIGHT
	EMERGENCY LIGHTING UNIT, CEILING-MOUNTED, INTEGRAL BATTERY
	EMERGENCY LIGHTING UNIT, CEILING-MOUNTED, REMOTE BATTERY
	EMERGENCY BATTERY UNIT, WALL-MOUNTED, INTEGRAL BATTERY
	EMERGENCY BATTERY UNIT, WALL-MOUNTED, REMOTE BATTERY
	EXIT LIGHT, CEILING-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION
	EXIT LIGHT, WALL-MOUNTED, SHADING AND ARROWS INDICATE FACES AND DIRECTION
	EXIT/EBU COMBO
	POLE/AREA LIGHTS
	POST-TOP AREA LIGHT
	BOLLARD LIGHT
	SOLID HATCH INDICATES LIGHT ON AN LIFE SAFETY/EMERGENCY CIRCUIT
	DIAGONAL HATCH INDICATES LIGHT ON A CRITICAL/OPTIONAL CIRCUIT
	PARTIAL DIAGONAL HATCH INDICATES PART OF LIGHT ON A NORMAL CIRCUITAND PART OF LIGHT ON A CRITICAL/OPTIONAL CIRCUIT
$	SINGLE POLE SWITCH
$3	3-WAY SWITCH
$4	4-WAY SWITCH
$K	KEYED SWITCH
$PL	SWITCH W/PILOT
$DLS	DUAL LEVEL SWITCH
	DIMMER SWITCH
	SURGICAL LIGHT CONTROL
	DIGITAL DISTRIBUTED IN-ROOM SWITCH
	DIGITAL DISTRIBUTED IN-ROOM DIMMER SWITCH
SO##	REFER TO SEQUENCE OF OPERATIONS IN SPECIFICATIONS 26 09 29 OR SEQUENCE OF OPERATION SCHEDULE
OS	OCCUPANCY SENSOR W/ MANUAL SWITCH WALL MOUNT
OS	OCCUPANCY SENSOR CEILING MOUNT
DL	DAYLIGHT SENSOR WALL MOUNT
DL	DAYLIGHT SENSOR CEILING MOUNT
T	TIME CLOCK - SEE TIME CLOCK SCHEDULE
TS	TIME CONTROL STATION
P	PHOTO-CELL
L	LOW VOLTAGE SWITCH STATION - SEE LOW VOLTAGE SWITCH STATION SCHEDULE
D	DIGITAL DISTRIBUTED LOW VOLTAGE SWITCH STATION - SEE DISTRIBUTED LOW VOLTAGE SWITCH STATION SCHEDULE
W	WIRE SWITCH - LINE VOLTAGE SOURCE
S	SWITCH STATION - SEE SWITCH STATION SCHEDULE
C	CONTACTOR - SEE CONTACTOR SCHEDULE
E	UL924 EMERGENCY LIGHTING CONTROL DEVICE WALL MOUNT
E	UL924 EMERGENCY LIGHTING CONTROL DEVICE CEILING MOUNT
LCPX	LIGHTING CONTROL PANEL INDICATES PANEL NAME - SEE LIGHTING CONTROL PANEL SCHEDULE

SYMBOL	DESCRIPTION
	SINGLE RECEPTACLE
XX	DUPLEX RECEPTACLE (GFB) GROUND FAULT BREAKER (GFI) GROUND FAULT INTERUPTER (IG) ISOLATED GROUND (TR) TAMPER RESISTANCE (USB) W/ USB CHARGING (WP) WEATHERPROOF
XX	DUPLEX RECEPTACLE - MOUNTED AT SPECIAL MOUNTING HEIGHT INDICATED ON DRAWING OR AS INDICATED IN THE ASSOCIATED ARCHITECTURAL ELEVATION. INDICATES MOUNTING HEIGHT WHEN SHOWN
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH
	SPLIT DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT
	FLOOR DUPLEX RECEPTACLE
	CEILING DUPLEX RECEPTACLE
XX	QUADRAPLEX RECEPTACLE (GFB) GROUND FAULT BREAKER (GFI) GROUND FAULT INTERUPTER (IG) ISOLATED GROUND (TR) TAMPER RESISTANCE (USB) W/ USB CHARGING (WP) WEATHERPROOF
	QUADRAPLEX RECEPT. MOUNTED ABOVE COUNTER BACKSPLASH
XX	QUADRAPLEX RECEPTACLE - MOUNTED AT SPECIAL MOUNTING HEIGHT INDICATED ON DRAWING OR AS INDICATED IN THE ASSOCIATED ARCHITECTURAL ELEVATION. INDICATES MOUNTING HEIGHT WHEN SHOWN
	FLOOR QUADRAPLEX RECEPTACLE
	CEILING QUADRAPLEX RECEPTACLE
	QUADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT
	WALL EQUIPMENT CONNECTION - SEE SCHEDULE
	CEILING EQUIPMENT CONNECTION - SEE SCHEDULE
	FLOOR EQUIPMENT CONNECTION - SEE SCHEDULE
	WALL JUNCTION BOX
	FLOOR JUNCTION BOX
	CEILING JUNCTION BOX
	PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.
W	WALL PHONE OUTLET
	TELECOMMINCATIONS OUTLET MOUNTED ABOVE COUNTER BACKSPLASH
XX	TELECOMMINCATIONS OUTLET - MOUNTED AT SPECIAL MOUNTING HEIGHT INDICATED ON DRAWING OR AS INDICATED IN THE ASSOCIATED ARCHITECTURAL ELEVATION. INDICATES MOUNTING HEIGHT WHEN SHOWN
#TYPE	TELECOMMINCATIONS OUTLET SEE TELECOMMUNICATIONS HORIZONTAL CABLING SCHEDULE FOR ADDITIONAL INFORMATION. INDICATES JACK/CABLE QUANTITY
	FLOOR TELECOMMUNICATIONSOUTLET
XX	CEILING TELECOMMUNICATIONS OUTLET
(WAP)	WIRELESS ACCESS POINT
XX	CLOCK SYSTEM (A1) 12" ANALOG CLOCK, SINGLE FACE (A2) 9" ANALOG CLOCK, SINGLE FACE (A3) 12" ANALOG CLOCK, DOUBLE FACE (A4) 9" ANALOG CLOCK, DOUBLE FACE (D1) DIGITAL CLOCK, HR:MIN:SEC (D2) DIGITAL CLOCK, HR:MIN (ET) DIGITAL CLOCK, ELAPSED TIMER (EC) ELAPSED TIMER CONTROL
PLY	PLYWOOD
	DATA RACK
	GROUND BAR
XX	PAGING AND SOUND SYSTEMS RECESSED WALL MOUNT
XX	PAGING AND SOUND SYSTEMS SURFACE WALL MOUNT
XX	PAGING AND SOUND SYSTEMS RECESSED CEILING MOUNT
XX	PAGING AND SOUND SYSTEMS SURFACE CEILING MOUNT (DB/SP) DOORBELL SPEAKER (DP/SP) DEPARTMENT PAGING SPEAKER (HP/SP) HOSPITAL PAGING SPEAKER (HW/SP) HOSPITAL WIDE PAGING & WIRED RADIO SPEAKER (LM/SP) LOCAL MUSIC SPEAKER (PC/MP) PROCEDURE ROOM COMMUNICATIONS CEILING MOUNTED MICROPHONE (PC/SP) PROCEDURE ROOM COMMUNICATIONS SPEAKER (TS/SP) TELEVISION SYSTEM SPEAKER (WR/SP) WIRED RADIO SPEAKER (PM/SP) PROCEDURE ROOM MUSIC SPEAKER (DB/PB) DOORBELL PUSH BUTTON (DP/MP) DEPARTMENT PAGING MICROPHONE OUTLET (DP/VC) DEPARTMENT PAGING VOLUME CONTROL (HP/MP) HOSPITAL PAGING MICROPHONE OUTLET (HP/VC) HOSPITAL PAGING VOLUME CONTROL (HW/MP) HOSPITAL PAGING & WIRED RADIO MICROPHONE OUTLET (HW/VC) HOSPITAL PAGING & WIRED RADIO VOLUME CONTROL (HW/VS) HOSPITAL PAGING & WIRED RADIO VOLUME CONTROL WITH STATION SELECTOR (LM/VC) LOCAL MUSIC SYSTEM VOLUME CONTROL (PC/MP) PROCEDURE ROOM COMMUNICATIONS MICROPHONE (TS/VC) TELEVISION SYSTEM VOLUME CONTROL (WR/VC) WIRED RADIO VOLUME CONTROL (WR/VS) WIRED RADIO VOLUME CONTROL WITH STATION SELECTOR

SYMBOL	DESCRIPTION
XX	SYSTEMS EQUIPMENT CABINET (AR) AREA OF REFUGE (CA) CABLE TELEVISION (CB) CODE BUTTON (CC) CLOSED CIRCUIT TELEVISION (CLK) CLOCK SYSTEM (DB) DOOR BELL (DV) DIGITAL TELEVISION (EC) EMERGENCY COMMUNICATION (FA) FIRE ALARM (HP) HOUSE PAGING (IC) INTERCOM (ID) INTRUSION DETECTION (IS) INFANT SECURITY (LM) LOCAL MUSIC (LP) LOCAL PAGING (MA) MASTER ANTENNAE TELEVISION (MN) MASS NOTIFICATION (MS) MUSIC SYSTEM (NC) NURSE CALL (P1) PROCEDURE ROOM -TWO WAY COMMUNICATION (P2) PROCEDURE ROOM -MUSIC SYSTEM (PA) PUBLIC ADDRESS (SA) SECURITY ACCESS (SC) SYSTEM CLOCK (TC) TELECOMMUNICATIONS (TV) TELEVISION (VD) VOICE DATA (WR) WIRED RADIO (AN) ANNUNCIATOR (BB) BACKBOARD (CP) CONTROL PANEL (ER) EQUIPMENT RACK (TC) TERMINAL CABINET (WF) WALL FIELD (NAC) NOTIFICATION APPLIANCE PANEL
XX XX	FIRE ALARM WALL MOUNT FIRE ALARM CEILING MOUNT (CMX) CONTROL MODULE. X DENOTES SPECIFIC UNIT. SEE CONTROL MODULE SCHEDULE (CO) CHIME ONLY (COD) CARBON MONOXIDE DETECTOR (CV1) CHIME W/ 15 CANDELA STROBE (CV2) CHIME W/ 30 CANDELA STROBE (CV3) CHIME W/ 75 CANDELA STROBE (CV4) CHIME W/ 110 CANDELA STROBE (DH) DOOR HOLDER (DI) IONIZATION SMOKE DETECTOR (DUCT) (DP) PHOTOMETRIC SMOKE DETECTOR (DUCT) (HC) HEAT/COMBINATION (RATE OF RISE/FIXED) (HF) HEAT DETECTOR (FIXED) (HO) HORN ONLY (HR) HEAT DETECTOR (RATE OF RISE) (HV1) HORN W/ 15 CANDELA STROBE (HV2) HORN W/ 30 CANDELA STROBE (HV3) HORN W/ 75 CANDELA STROBE (HV4) HORN W/ 110 CANDELA STROBE (MMX) MONITOR MODULE - SEE MONITOR MODULE SCHEDULE (X-DENOTES SPECIFIC UNIT) (PS) PULL STATION (RE) RE-ENTRANT HORN (SB) SOUNDER BASE (SI) IONIZATION SMOKE DETECTOR (SO) SPEAKER ONLY (SP) PHOTOELECTRIC SMOKE DETECTOR (SV1) SPEAKER W/ 15 CANDELA STROBE (SV2) SPEAKER W/ 30 CANDELA STROBE (SV3) SPEAKER W/ 75 CANDELA STROBE (SV4) SPEAKER W/ 110 CANDELA STROBE (VO) VISUAL UNIT ONLY (VO1) VISUAL UNIT ONLY, 15 CANDELA STROBE (VO2) VISUAL UNIT ONLY, 30 CANDELA STROBE (VO3) VISUAL UNIT ONLY, 75 CANDELA STROBE (VO4) VISUAL UNIT ONLY, 110 CANDELA STROBE

SYMBOL	DESCRIPTION
XX	SECURITY, ACCESS CONTROL AND DOOR MONITORING WALL MOUNT
XX	SECURITY, ACCESS CONTROL AND DOOR MONITORING CEILING MOUNT (CR) CARD READER (CXX) CLOSED CIRCUIT CAMERA - SEE CAMERA SCHEDULES (XX-DENOTES SPECIFIC UNIT) (DB) DURESS BUTTON (DC) DOOR CONTACT (EL) ELECTRONIC LATCH/LOCK (ES) ELECTRIC STRIKE (GB) GLASS BREAK DETECTOR (KE) KEYLESS ENTRY (KP) KEYPAD - SECURITY SYSTEM (KS) KEYED SWITCH (LM) LATCHBOLT MONITOR (MD) MOTION SENSOR - DUAL TECHNOLOGY (MI) MOTION SENSOR - INFRARED (ML) MAGNETIC LOCK (MO) CLOSED CIRCUIT TELEVISION MONITOR (MU) MOTION SENSOR - ULTRASONIC (RC) CLOSED CIRCUIT TELEVISION REMOTE CAMERA CONTROLS (RM) REQUEST FOR EXIT - MOTION (RP) REQUEST FOR EXIT PUSH BUTTON (VC) VIDEO RECORDER
XX	DOOR HARDWARE - SEE DETAILS, ARCHITECTURAL PLANS AND SPECIFICATIONS. DEVICES FURNISHED BY OTHERS: ROUGH-IN AND WIRING BY EC. (AA) AUTODOOR ACTUATOR (PUSH PLATE) (AM) AUTODOOR ACTUATOR (MOTION SENSOR) (AO) AUTODOOR OPERATOR (ED) ELECTRIC EXITING DEVICE (DE) DELAYED EGRESS MODULE (EL) ELECTRONIC LATCH/LOCK (ES) ELECTRIC STRIKE (KS) KEY SWITCH (ML) MAGNETIC LOCK (PS) POWER SUPPLY (PT) POWER TRANSFER HINGE (RL) RELAY MODULE (RM) SEPARATELY MOUNTED REQUEST TO EXIT MOTION SENSOR NOT ASSOCIATED WITH SECURITY SYSTEM

GRAPHICAL REPRESENTATION OF PHASING, TYPICAL FOR ALL SYMBOLS.

FUTURE	RELOCATED	DEMOLISHED
M XX-1	M XX-1	M XX-1

- FUTURE
- EXISTING TO BE REMOVED
- NEW

ITEM TO BE REMOVED

AREA NOT IN CONTRACT

- REVISION NUMBER - SHOWN ON PLANS
- NUMBER OF DETAIL ON SHEET
- NUMBER OF SHEET WHERE DETAIL APPEARS
- KEYED NOTE
- Room 6 — ROOM NAME AND NUMBER
- INDICATES DETAIL DESIGNATOR
- SEE SECTION DETAIL
- INDICATES SHEET NUMBER

ELECTRICAL SHEET INDEX

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel: 414-272-2000
Fax 414-272-2001
KS PROJECT #222078.00

RING & DUCHATEAU CONSULTING ENGINEERS
17400 West Capitol Drive - Brookfield, WI 53045
301 South Blount Street, Suite 101 - Madison, WI 53703
Phone: 414.778.1700 / Fax: 414.778.2360 / rd@ringdu.com
RD Project Number: 224073.00

The Board of Regenfs of the
University of Wisconsin on behalf of
the University of Wisconsin - Whitewater

Project Location: 1062 W Schwager Dr, Whitewater, WI 53190

UW-WHITEWATER - MILLER
STADIUM PRESSBOX

University of Wisconsin-Whitewater
Whitewater, WI

Sheet Title:
ELECTRICAL SYMBOLS AND SHEET INDEX

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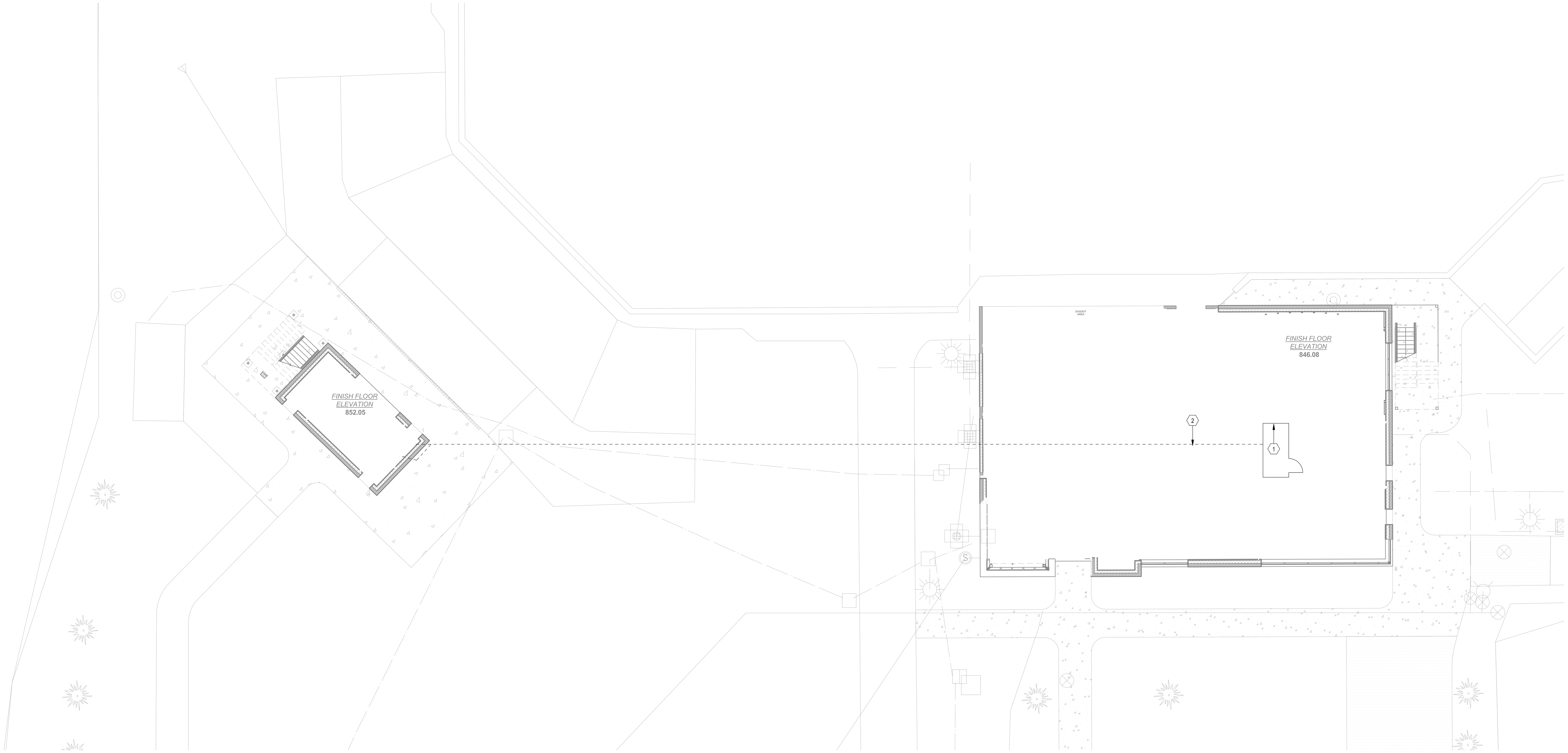

1 ELECTRICAL SITE PLAN
1" = 10'-0"

KEYNOTES

1. APPROXIMATE LOCATION OF EXISTING PANEL "BB/L" LOCATED IN ELECTRICAL ROOM 0121A OF BASEBALL SERVICES BUILDING.
2. APPROXIMATE ROUTING OF (2) EXISTING DIRECT BORED HDPE CONDUITS FOR TELECOMMUNICATIONS CABLING AND POWER CONDUIT FOR FUTURE PB PANEL.

SHEET NOTES

1. SHEET INCLUDED FOR REFERENCE ONLY.

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel. 414-272-2000
Fax 414-272-2001
KS PROJECT #222078.00

RING & DUCHATEAU
CONSULTING ENGINEERS
17400 West Capitol Drive - Brookfield, WI 53045
301 South Blount Street, Suite 101 - Madison, WI 53703
Phone: 414.778.1700 / Fax: 414.778.2360 / r-d@ringdu.com
RD Project Number: 224073.00

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Project Location:
1062 W Schwager Dr, Whitewater, WI 53190

UW-WHITEWATER - MILLER STADIUM PRESSBOX

University of Wisconsin-Whitewater
Whitewater, WI

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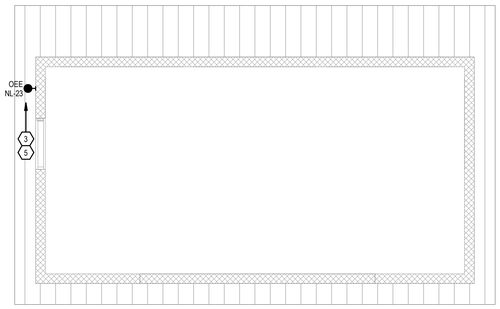
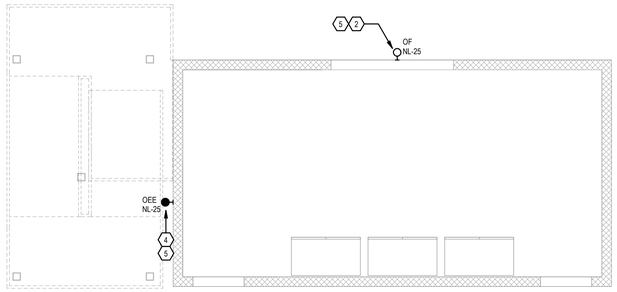
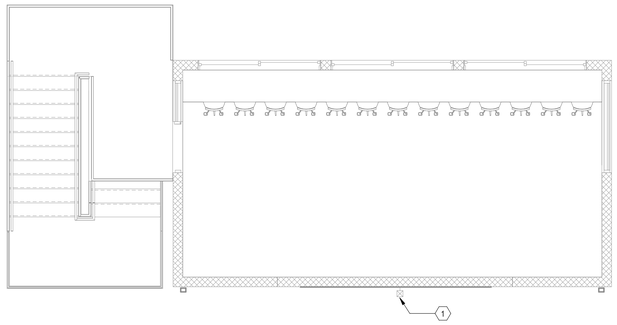


4 SECOND FLOOR LIGHTING PLAN
1/4" = 1'-0"



1 FIRST FLOOR LIGHTING PLAN
1/4" = 1'-0"



3 SECOND FLOOR POWER PLAN
1/4" = 1'-0"

SHEET NOTES

A. REFER TO ARCHITECTURAL PLANS, ELEVATONS, AND DETAILS FOR LOCATIONS AND MOUNTING HEIGHTS OF ALL ELECTRICAL DEVICES PRIOR TO COMMENCING INSTALLATION.

B. CIRCUIT NUMBERS INDICATED DO NOT REFLECT THE ACTUAL POSITION OF THE CIRCUIT BREAKERS IN THE PANEL; RATHER, THE NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON CIRCUIT.

C. SERVE ALL 208/120 VOLT, NORMAL BRANCH CIRCUITS "NL" FROM PANEL "PB", UNLESS OTHERWISE INDICATED.

D. ALL FUTURE DEVICES INDICATED ON THIS PLAN ARE SHOWN FOR INFORMATION ONLY. FUTURE DEVICES, WIRING, CONDUITS, AND CABLING ARE BEING PROVIDED BY OWNER UNDER A SEPARATE, FUTURE CONTRACT.

E. ALL ELECTRICAL PRODUCTS AND INSTALLATION WILL BE PROVIDED AND INSTALLED BY UW-WHITEWATER CAMPUS ELECTRICIANS UNLESS NOTED OTHERWISE. GENERAL CONTRACTOR WILL NEED TO COORDINATE WITH UW-WHITEWATER CAMPUS ELECTRICIANS FOR MATERIALS, SCHEDULE AND FINAL LOCATIONS FOR ELECTRICAL SCOPE.

KEYNOTES

1. JUNCTION BOX FOR FUTURE EXTERIOR LIGHT FIXTURE. PROVIDE BACKBOX WITH 3/4" CONDUIT TO PANEL "PB" FOR FUTURE POWER. PROVIDE BLANK COVER ON BACKBOX. CONFIRM HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH IN.
2. WALL MOUNT FIXTURE 1 FOOT ABOVE OPENING TO BOTTOM OF FIXTURE.
3. WALL MOUNT FIXTURE 9'-0" ABOVE FINISHED LANDING.
4. WALL MOUNT FIXTURE 5'-9" ABOVE FINISHED LANDING SO THAT BOTTOM OF FIXTURE IS EVEN WITH BOTTOM OF SECOND FLOOR LANDING.
5. LIGHT FIXTURE AND WIRING TO BE PROVIDED BY THE OWNER. ELECTRICAL CONTRACTOR TO PROVIDE 4-11/16" SQUARE X 2-1/8" DEEP BACKBOX AND 1" CONDUIT ROUGH-IN BETWEEN ELECTRICAL PANEL PB AND DEVICE. COORDINATE WITH OWNER TO PROVIDE BLANK FACEPLATE AT ALL LOCATIONS WHERE DEVICE TO BE INSTALLED IN FUTURE.

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel: 414-272-2000
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CONSULTING ENGINEERS
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301 South Blount Street, Suite 101 - Madison, WI 53703
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University of Wisconsin-Whitewater
Whitewater, WI

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LIGHT FIXTURE SCHEDULE

FIXTURE		LIGHT SOURCE						BALLASTS/DRIVERS			INPUT	VOLT	MOUNT	SURFACE	FIXTURE	FIXTURE SPECIFICATION AND ACCEPTABLE MANUFACTURERS		OPTIONS	SEE
ID	DESCRIPTION	TYPE	NO.	DESCRIPTION	WATTS	K	CRI (MIN.)	TYPE	CONTROL	CIRCUITS	WATTS			TYPE	DEPTH	MANUFACTURER	CATALOG SERIES		NOTE
OEE	9IN W X 5IN H X 7IN D WALL PACK TRAPEZOID SHAPE. TYPE 4 WIDE DIST. INTEGRAL SENSORS. REMOTE 12W EM BATT	LED	-	5700 DELIVERED LUMENS	47	4000	80	DR RM EM	DM10	1	47	120	S	W	-	BEACON	RWL1-48L-45-4K7-4W	28,55,57,67	1P,2,3
OF	6IN W X 8IN H X 5IN D SURFACE MOUNT TYPE 4 DISTRIBUTION INTEGRAL SENSORS. COMFORT LENS	LED	-	2000 DELIVERED LUMENS	21	4000	80	DR	DM10	1	21	120	S	W	-	EXO	SG1-20-4K7-FT-120-*FINISH*-PCU-CS	28,57	1P

1

NOTE:
SEE SPECIFICATION SECTIONS 26 50 00 FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES REFERENCED BY THE COLUMN TITLED "OPTIONS".
MANUFACTURERS AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT.

ABBREVIATIONS:

AR = AS REQUIRED
BL = BI-LEVEL SWITCHING
BT = BLUETOOTH
CAB = UNDERCABINET
CL = CLEAR
DALI = ADDRESSABLE, DIMMING <1-100%
DM0 = LED DIMMING 0-10V, 0 -100%
DM1 = LED DIMMING 0-10V, 1 -100%
DM5 = LED DIMMING 0-10V, 5 -100%
DM10 = LED DIMMING 0-10V, 10 -100%
DMW = DIM TO WARM LED
DMX = ADDRESSABLE, DIMMING <1-100%
DR = DRIVER
DW = DRYWALL
ELV = ELECTRONIC LOW VOLTAGE DIMMING
EM = EMERGENCY
ES = EXPOSED STRUCTURE
ET = ELECTRONIC BALLAST
F = FLUORESCENT
FD1 = FLUORESCENT DIMMING 1-100%
FD5 = FLUORESCENT DIMMING 5-100%
FD10 = FLUORESCENT DIMMING 10-100%
GRD = GRADE
H = HID
HAL = HALOGEN
HBF = HIGH BALLAST FACTOR
I = INCANDESCENT
LBF = LOW BALLAST FACTOR
LG = LAY-IN GRID
MLV = MAGNETIC LOW VOLTAGE DIMMING
NBF = NORMAL BALLAST FACTOR
OT = OTHER
PD = PENDANT
POE = POWER OVER ETHERNET
PL = PLASTER
PS = PULSE START
R = RECESS
RGB = RED, GREEN, BLUE LEDS
RM = REMOTE
S = SURFACE
SPEC = SPECIAL
ST = STANDARD
STN = STONE
SUSP = SUSPENDED
SW = SWITCHING
T = CERAMIC/GLASS TILE
TW = TUNABLE WHITE LED
V = VARIES
W = WALL MOUNTED
WD = WOOD
WR = WIRELESS
XFMR = TRANSFORMER

OPTIONS:

1 = POST PAINTED FINISH
2 = REGRESSED ALUMINUM DOOR FRAME
3 = FLAT STEEL DOOR FRAME
4 = FLAT ALUMINUM DOOR FRAME - MITERED CORNERS
5 = STAINLESS STEEL TRIM AND DOOR FRAME
6 = FURNISH WITH SPRING LOADED LATCHES
7 = FURNISH WITH HINGED DOOR
8 = DAMP LOCATION CONSTRUCTION
9 = WET LOCATION CONSTRUCTION
10 = IP65 RATING
11 = IP66 RATING
12 = IP67 RATING
13 = NEMA 4X RATED
14 = IC RATING
15 = ADA COMPLIANT
16 = DOUBLE GASKETED-LENS TO TRIM TO CEILING
17 = TRIPLE GASKETED-LENS TO DOOR TO HOUSING TO CEILING
18 = FURNISH WITH TAMPER RESISTANT HARDWARE
19 = AIR TIGHT
20 = SPARE
21 = FURNISH WITH AIR HANDLING CAPABILITY
22 = FURNISH WITH WIRE GUARD
23 = FURNISH WITH ENDCAPS
24 = FURNISH IN LENGTH AS SHOWN
25 = FURNISH WITH SOLID FRONT
26 = FURNISH WITH DUST COVER
27 = CUSTOM FINISH - SELECTION TBD
28 = STANDARD FINISH - SELECTION TBD
29 = FURNISH WITH HOUSE SIDE SHIELD
30 = FURNISH IN CUSTOM CONFIGURATION-REFER TO PLANS
31 = SPARE
32 = FURNISH WITH POWER OVER AIRCRAFT CABLE
33 = FURNISH WITH CHAIN MOUNTING
34 = FURNISH WITH RIGID STEM MOUNTING
35 = FURNISH WITH SWIVEL CANOPY
36 = FURNISH WITH ADJUSTABLE AIRCRAFT CABLE MOUNTING
37 = FURNISH WITH ADJUSTABLE MOUNTING HARDWARE
38 = FURNISH WITH MANUFACTURER'S CUSTOM JUNCTION BOX
39 = FURNISH WITH RECESSED SLOPE ADAPTER
40 = FURNISH WITH CORD MOUNTING
41 = MATTE DIFFUSE LOW IRIDESCENT REFL.
42 = FURNISH WITH SYMMETRICAL REFLECTOR
43 = FURNISH WITH ASYMMETRICAL REFLECTOR
44 = FURNISH WITH TOP AND BOTTOM LENS
45 = FURNISH WITH LOUVER
46 = FURNISH WITH PERFORATED DIFFUSER
47 = FURNISH WITH EGGCRATE LOUVER
48 = FURNISH WITH SOFTENING LENS
49 = FURNISH WITH PRISMATIC LENS
50 = FURNISH WITH LINEAR SPREAD LENS
51 = FURNISH WITH SPREAD LENS
52 = SPARE
53 = SPARE
54 = FURNISH WITH ROCKER SWITCH
55 = FURNISH WITH INTEGRAL OCC. SENSOR
56 = FURNISH WITH INTEGRAL DAYLIGHT SENSOR
57 = FURNISH WITH INTEGRAL PHOTOCELL
58 = FURNISH WITH REMOTE DRIVER
59 = FURNISH WITH CURRENT LIMITING DEVICE
60 = FURNISH QUANTITY OF DRIVERS AS REQUIRED
61 = FURNISH WITH UNIVERSAL ARROWS AND RED STENCIL FACE
62 = FURNISH WITH FIELD ADJUSTABLE CHEVRONS
63 = FURNISH WITH MIRRORED BACKGROUND
64 = FURNISH WITH INTEGRAL BATTERY
65 = FURNISH WITH INTEGRAL HIGH CAPACITY BATTERY (FOR REMOTE HEADS)
66 = FURNISH WITH SELF DIAGNOSTICS
67 = FURNISH WITH AUXILIARY EMERGENCY BATTERY BALLAST/DRIVER
68 = SPARE
69 = SPARE
70 = SPARE
71 = FURNISH WITH ANTI-MICROBIAL FINISH
72 = CERTIFIED FOR MIL-STD461F
73 = FURNISH WITH RF NOISE SUPPRESSORS (ADVANCE RIF-1) FOR EACH DRIVER
74 = FURNISH WITH ACRYLIC LENS WITH INTEGRAL RFI SHIELDING
75 = FURNISH WITH LOW VOLTAGE CONTROL (LVC)
76 = SPARE
77 = SPARE
78 = SPARE
79 = SPARE
80 = SPARE

GENERAL NOTES:

- VERIFY CEILING T-BAR WIDTH (I.E. 9/16", 15/16", 1.5") WITH THE ARCHITECT/INTERIORS SPECIFICATION PRIOR TO ORDERING LAY-IN FIXTURES.
- IN ALL INSULATED OR FIRE RATED CEILINGS, THE EC SHALL BE RESPONSIBLE FOR THE PROPER TENTING (OR FIRE BOXING) OF THE RECESSED FIXTURES. FOR PREFAB PRODUCTS REFER TO TENMAT OR SPECIALTY PRODUCTS AND INSULATION.
- VERIFY DIMMING BALLAST / DRIVER COMPATIBILITY WITH DIMMING CONTROL.
- REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT.
- TO MEET SPECIFIED DELIVERED LUMEN PACKAGE PROVIDE PROGRAMMED DRIVER AS REQUIRED.
- FIXTURE PERFORMANCE TOLERANCES: CCT +/- 200 DEGREES; DELIVERED LUMENS +/- 5%; ENERGY CONSUMPTION +/- 5%; BEAM SPREAD DISTRIBUTION +/- 5 DEGREES AND AS OUTLINED IN 26 50 00.
- IF SUBMITTING A FIXTURE FOR APPROVAL AS AN EQUAL, PROVIDE CUT SHEET AND IES PHOTOMETRIC FILE PRIOR TO BIDDING. A WORKING SAMPLE OF THE FIXTURE IS REQUIRED FOR APPROVAL BY THE A/E.

LIGHT FIXTURE SCHEDULE NOTES:

1. MANUFACTURERS, PRODUCTS, AND DESCRIPTIONS LISTED IN THE LIGHTING FIXTURE SCHEDULE ARE THE BASIS OF DESIGN SPECIFICATION FOR EACH FIXTURE TYPE. EQUAL PRODUCTS WILL BE ENTERTAINED UNLESS OTHERWISE NOTED. ALL PROPOSED EQUAL PRODUCTS ARE REQUIRED TO MEET OR EXCEED ALL OF THE SPECIFICATION REQUIREMENTS LISTED IN THE LIGHTING FIXTURE SCHEDULE INCLUDING BUT NOT LIMITED TO: PRODUCT GRADE, LIGHT SOURCE TECHNOLOGY, CONTROL TECHNOLOGY, OPTICAL PERFORMANCE (DELIVERED LUMENS OR CBCP), DISTRIBUTION, FIXTURE ACCESSORIES, CONSTRUCTION, DIMENSIONS, MOUNTING, FINISH, ENERGY PERFORMANCE, AND LISTINGS/RATINGS.

   THE SPECIFIER HAS EVALUATED ALL OF THE MANUFACTURERS LISTED BELOW AND CONSIDERS THESE MANUFACTURERS TO BE OF A QUALITY THAT MEET GENERAL SPECIFICATION REQUIREMENTS FOR THE CATEGORY OF PRODUCT UNDER WHICH THEY ARE LISTED. ALTHOUGH MANUFACTURERS ARE LISTED BELOW IT DOES NOT ENSURE THAT THEY HAVE PRODUCTS THAT MEET ALL OF THE SPECIFICATION REQUIREMENTS FOR EACH FIXTURE TYPE. IT MEANS THAT THESE MANUFACTURERS HAVE ALREADY BEEN EVALUATED AND HAVE PRODUCTS THAT SHALL BE REVIEWED FOR APPLICABILITY AS EQUALS. MANUFACTURERS THAT ARE NOT LISTED BELOW WILL REQUIRE A WORKING SAMPLE FOR SPECIFIER TO REVIEW IN ORDER TO BE EVALUATED FOR APPLICABILITY.

   THE BURDEN OF MEETING THE BASIS OF DESIGN SPECIFICATION IS ON THE DISTRIBUTOR QUOTING THE PROJECT. DETERMINATION OF EQUIVALENCY IS THE RESPONSIBILITY OF THE SPECIFIER. EVEN IF A PROPOSED EQUAL PRODUCT IS FROM ONE OF THE MANUFACTURERS LISTED BELOW, IF IT DOES NOT MEET THE BASIS OF DESIGN SPECIFICATION REQUIREMENTS THEN IT WILL BE REJECTED. THERE SHALL BE NO ADDITIONAL COST ASSOCIATED WITH REJECTION OF A FIXTURE NOT DEEMED EQUIVALENT BY THE SPECIFIER.

   C. COMMERCIAL TROFFERS AND WHITEGOODS: COLUMBIA, CREE, DAYBRITE, DAY-O-LITE, GE CURRENT, HE WILLIAMS, LITHONIA, METALUX, MERCURY, PMC

   P. SPECIFICATION GRADE EXTERIOR: CREE, GARDCO, HUBBELL, LITHONIA, MCGRAW EDISON

2. PROVIDE REMOTE MOUNT EMERGENCY BATTERY UNIT FOR INDOOR MOUNTING. MINIMUM OF 12 WATTS.
3. PROVIDE INTEGRAL SENSORS. SEQUENCE OF OPERATIONS: PHOTOCELL TURNS FIXTURE ON/OFF FROM SUFFICIENT DAYLIGHT. ONCE ON, MOTION SENSORS TURN FIXTURE ON TO 100% WITH ACTIVITY AND DOWN TO 50% WITH NO ACTIVITY.

Kahler Slater
790 N. WATER ST., SUITE 1700
MILWAUKEE, WI 53202
Tel. 414-272-2000
Fax 414-272-2001
KS PROJECT #222078.00

RING & DUCHATEAU
CONSULTING ENGINEERS
17400 West Capitol Drive - Brookfield, WI 53045
301 South Blount Street, Suite 101 - Madison, WI 53703
Phone: 414.778.1700 / Fax: 414.778.2360 / r-d@ringdu.com
RD Project Number: 224073.00

The Board of Regents of the Universtiy of Wisconsin on behalf of the University of Wisconsin - Whitewater

Project Location:
1062 W Schwager Dr, Whitewater, WI 53190

UW-WHITEWATER - MILLER STADIUM PRESSBOX
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ELECTRICAL SCHEDULES

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