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Bid Bulletin #01

PROJECT: Educare of Winnebago
Bid Package #04
Winnebago, NE

DATE: December 7, 2012

This Bid Bulletin includes items 1-1 through 1-49. Each item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included. Bidders shall acknowledge receipt of this Bid Bulletin on the bid form.

- Item 1-1 Attached is Addendum F dated 12/7/12 from RDG Planning & Design. Please note addendum A, B, C, D, E are not applicable to this bid package.
- Item 1-2 Attached for information only is the letter from NPPD regarding power to the site as referenced on sheet E00.01. It is still the responsibility of the electrical contractor to review the site and coordinate with NPPD.
- Item 1-2 Attached is a bid form to be used by all bidders for this project.
- Item 1-3 Attached is summary of work #04-01 for flatwork concrete.
- Item 1-4 Attached is summary of work #04-02 for masonry.
- Item 1-5 Attached is summary of work #04-03 for reinforcing steel.
- Item 1-6 Attached is summary of work #04-04 for metal framing & drywall.
- Item 1-7 Attached is summary of work #04-05 for steel and precast erection.
- Item 1-8 Attached is summary of work #04-06 for precast wall panels.
- Item 1-9 Attached is summary of work #04-07 for rough carpentry.
- Item 1-10 Attached is summary of work #04-08 for glued-laminated construction.
- Item 1-11 Attached is summary of work #04-09 for interior architectural woodwork.
- Item 1-12 Attached is summary of work #04-10 for roofing.
- Item 1-13 Attached is summary of work #04-11 for joint sealants.
- Item 1-14 Attached is summary of work #04-12 for finish carpentry labor.
- Item 1-15 Attached is summary of work #04-13 for specialties supply.

- Item 1-16 Attached is summary of work #04-14 for hollow metal, doors, & hardware.
- Item 1-17 Attached is summary of work #04-15 for aluminum and glazing.
- Item 1-18 Attached is summary of work #04-16 for wood windows.
- Item 1-19 Attached is summary of work #04-17 for tile.
- Item 1-20 Attached is summary of work #04-18 for resilient and carpet.
- Item 1-21 Attached is summary of work #04-19 for acoustic panel ceilings.
- Item 1-22 Attached is summary of work #04-20 for painting.
- Item 1-23 Attached is summary of work #04-21 for operable partitions.
- Item 1-24 Attached is summary of work #04-22 for food service equipment.
- Item 1-25 Attached is summary of work #04-23 for play equipment.
- Item 1-26 Attached is summary of work #04-24 for roller window shades.
- Item 1-27 Attached is summary of work #04-25 for simulated stone countertops.
- Item 1-28 Attached is summary of work #04-26 for site equipment.
- Item 1-29 Attached is summary of work #04-27 for fire suppression.
- Item 1-30 Attached is summary of work #04-28 for plumbing.
- Item 1-31 Attached is summary of work #04-29 for HVAC.
- Item 1-32 Attached is summary of work #04-30 for Electrical, Communications, & Safety.
- Item 1-33 Attached is summary of work #04-31 for exterior finish carpentry.
- Item 1-34 Attached is summary of work #04-32 for linear metal ceilings.
- Item 1-35 Attached is summary of work #04-33 for earthwork.
- Item 1-36 Attached is summary of work #04-34 for termite control.
- Item 1-37 Attached is summary of work #04-35 for plants, irrigation & sod.
- Item 1-38 Attached is summary of work #04-36 for chain link fences.
- Item 1-39 Attached is summary of work #04-37 for geothermal loop heat exchanger.
- Item 1-40 Attached is summary of work #04-38 for unit paving.
- Item 1-41 Attached is summary of work #04-39 for striping.
- Item 1-42 Attached is summary of work #04-40 for plaster.
- Item 1-43 Attached is summary of work #04-41 for site stone.

- Item 1-44 Attached is summary of work #04-42 for waterproofing.
- Item 1-45 Attached is summary of work #04-43 for air barriers.
- Item 1-46 Attached is summary of work #04-44 for clay roof tiles.
- Item 1-47 Attached is summary of work #04-45 for metal roof panels.
- Item 1-48 Attached is summary of work #04-46 for metal wall panels.
- Item 1-49 Attached is summary of work #04-47 for phenolic panels.

END OF BID BULLETIN #01

December 7, 2012

ADDENDUM F

TO DRAWINGS AND SPECIFICATIONS FOR:

Educare Winnebago
Winnebago, Nebraska
RDG Project No. 2010.175.00, File 35.1

RDG Planning & Design
900 Farnam on the Mall, Suite 100
Omaha, NE 68102-5089
(402) 392-0133

NOTICE TO BIDDERS

This Addendum modifies the original Contract Documents and Project Manual dated November 16, 2012. Bidders must acknowledge receipt of the Addendum on the Bid Form.

The following separate packages have been/will be issued:

Water Utility PackageSeptember 13, 2012
Foundations and Site Utilities Package..... October 1, 2012
Structural Steel Package..... October 26, 2012
Final Construction DocumentsNovember 16, 2012

Corresponding addenda:

Addendum ASeptember 19, 2012..... Water Utility Package
Addendum B (Post Bid)September 27, 2012..... Water Utility Package
Addendum C October 4, 2012Foundations and Site Utilities Package
Addendum D October 15, 2012Foundations and Site Utilities Package
Addendum E November 6, 2012Structural Steel Package
Addendum F December 7, 2012 Final Construction Documents

Unless otherwise indicated, the work described herein shall comply with, and be equal in all respect to, the original Contract Specifications and Drawings. Include all incidental work required to properly complete the work whether stated herein or not.

ADDENDA TO THE PROJECT MANUAL

Civil Specification Items

No items this addendum.

Landscape Specification Items

No items this addendum.

Architectural Specification Items

- FGS-1 Section 06 20 13 – Exterior Finish Carpentry: Add new section; see attached Pages 06 20 13-1 through 06 20 13-3.
- FGS-2 Section 07 32 13 – Clay Wall Tiles: Add new section; see attached Pages 07 32 13-1 through 07 32 13-4.
- FGS-3 Section 08 71 00 – Door Hardware: Add new section; see attached Pages 08 71 00-1 through 08 71 00-19.
- FGS-4 Section 09 30 33 – Stone Tiling: Add new section; see attached Pages 09 30 33-1 through 09 30 33-5.
- FGS-5 Section 09 54 23 – Linear Metal Ceilings: Add new section; see attached Pages 09 54 23-1 through 09 54 23-6.

Structural Specification Items

No items this addendum.

Mechanical Specification Items

No items this addendum.

Electrical Specification Items

No items this addendum.

Telecommunications Specification Items

- FTS-1 Section 28 05 00 – Common Work Results for Electronic Safety and Security, Page 28 05 00-8, Paragraph 2.2:
- A. Subparagraph B: Add the following:
- 5. Axis.**
- B. Subparagraph D: Add the following:
- 11. Mile Stone.**
- C. Subparagraph F: Add the following:
- 4. Continental.**

- FTS-2 Section 28 13 00 – Electronic Access Control System, Page 28 13 00-2, Paragraph 2.3: Delete Subparagraphs F and G in their entirety.

- FTS-3 Section 28 23 00 – Electronic Video Surveillance System:

- A. Page 28 23 00-1, Paragraph 1.3, Subparagraphs E, F, and G: Modify “1 CIF” to **“4 CIF.”**
- B. Page 28 23 00-2, Paragraph 2.3:
1. Subparagraph A, Item.1: Modify IP “110series” to **“Sarix IM series.”**
 2. Subparagraph B, Item 1: Modify IP “110series” to **“Sarix IM series.”**

ADDENDA TO THE DRAWINGS

Civil Drawing Items

No items this addendum.

Landscape Drawing Items

No items this addendum.

Architectural Drawing Items

FGD-1 Sheet A00.01 – Code Plan, Paragraph III. of APPLICABLE CODES, STANDARDS AND ORDINANCES AS ADOPTED AND AMENDED BY STATE of NEBRASKA, under Subparagraph A. 1: Revise text at building area “31,950 square feet,” to read, “**30,075 square feet.**”

FGD-2 Sheet A01.01– Slab Plan – North: See attached Supplemental Drawings SDA-004 and SDA-005. Add dimensions as follows:

- A. Between Grids 11.7 and 12: **8'-9 1/4"**.
- B. Between Grids 12 and 13: **20'-3 7/8"**.
- C. Between Grids 13 and 14: **26'-11 3/4"**.

FGD-3 Sheet A01.02 – Layout Plan & Slab Plan – South: Add dimension **31'-2"** between Grids 14 and 15.5.

FGD-4 Sheet A01.03 – Floor Plan North: Refer to reissued sheet for the following revisions:

- A. Included layout dimensions throughout plan.
- B. Doors 102A.3 and 102B.3 are revised from overhead coiling doors to be paired, swing metal storm doors. Revise floor plan to incorporate paired, swing doors.
- C. Revise swing of Doors 163.1 and 167.1.
- D. Add Detail Reference 29/A14.01 at intersection of Grids 9.2 and C.9.
- E. Add Detail Reference 28/A14.01 at intersection of Grids 8 and A.0.
- F. Revised room “STOR 140” to read “**STROLLERS 140.**”

FGD-5 Sheet A01.04 – Floor Plan South: Floor plan updated to include dimensions throughout plan. Refer to reissued sheet.

FGD-6 Sheet A02.04 – Enlarged Floor Plans and Details, Detail 13: Eliminate requirement for recessed light fixture near top of cabinet section. Provide flush top surface to interior of cabinet.

FGD-7 Sheet A02.05 – Plan Details:

- A. Detail 6: Updated notes toward bottom of detail. See attached Supplemental Drawing SDA-006.
- B. Detail 8: Updated notes toward right side of detail. See attached Supplemental Drawing SDA-006.
- C. Detail 12: Updated notes towards bottom of detail. See attached Supplemental Drawing SDA-006.

FGD-8

Sheet A03.01 – Reflected Ceiling Plan North:

- A. Toward the northwest end of Corridor 101B, delete Detail Reference 7/A03.01 from ceiling plan. Detailing of light beam is actually referenced by Detail 25/A14.01.
- B. Add Note 10 to Ceiling General Notes as follows:

10. REFER TO EXTERIOR MATERIALS LEGEND ON SHEET A05.01 FOR COLOR DESCRIPTION OF METAL PANEL CEILING TYPES 8, 9, 10, AND 11; COLORS TO BE COORDINATED WITH CORRESPONDING METAL WALL PANELS.

FGD-9

Sheet A03.02 – Reflected Ceiling Plan South: Add Note 10 to Ceiling General Notes as follows:

10. REFER TO EXTERIOR MATERIALS LEGEND ON SHEET A05.01 FOR COLOR DESCRIPTION OF METAL PANEL CEILING TYPES 8, 9, 10, AND 11; COLORS TO BE COORDINATED WITH CORRESPONDING METAL WALL PANELS.

FGD-10

Sheet A10.01, Door Schedule and Types:

- A. Door Schedule: Revise the following door hardware and sizes per attached reissued Sheet A10.01.
 - 1. Door 100.1: Revise hardware set to read **"36.0."**
 - 2. Door 100.2: Revise hardware set to read **"35.0."**
 - 3. Doors 101B.1 and 101D: Revise hardware set to read **"34.0."**
 - 4. Doors 102A.3 and 102B.3: Revise headings as follows:

Door #	Leafs	Width	Ht	Thkns	Type	Mat'l	Finish	Glaz...
102A.3	2	3'-0"	7'-10"	1-3/4"	F13	HM	P	-
102B.3	2	3'-0"	7'-10"	1-3/4"	F13	HM	P	-

Mat'l	Finish	Glaz	Rating	Hdwre	Remarks	Door #
HM	P	-	FEMA361	30.0	3, 6	102A.3
HM	P	-	FEMA361	30.0	3, 6	102B.3

- 5. Door 105.1: Eliminate glaze at door. Revise scheduled glazing to eliminate Type 3.
- 6. Door 113A: Revise hardware set to read **"22.0."**
- 7. Doors 155 and 160.1: Revise hardware set to read **"9.0."**
- 8. Doors 117.1, 117.2, 122.1, 122.2, 165.1, and 165.2: Revise hardware sets to read **"3.1."**
- 9. Doors 110.1, 110.2, 129.1, 129.2, 144.1, 144.2, 152.1, 152.2, 157.1, and 157.2: Revise hardware set to read **"3.2."**
- 10. Door 169: Revise hardware set to read **"24.0."**
- 11. Door 201: Revise hardware set to read **"23.0."**
- 12. Doors 103, 108, 109, 116, 123, 135, 145, 146, 153, and 166: Revise height to read **7'-0"**.

B. Frame Types: Revise the following frame types per attached reissued Sheet A10.01.

1. Frame F5: Revise frame height to read **7'-2"**.
2. Frame F13: Revise frame elevation to be a double door, FEMA361 rated.

FGD-11 Sheet A10.2, Window Types, Frame W32: Revise glazing panel reference '?' to read **'1.'**

FGD-12 Sheet A14.01 – General Details: Add new Details 28 and 29 to sheet as referenced in Item FGD-4 above. See attached Supplemental Drawings SDA-002 and SDA-003.

Structural Drawing Items

FSD-1 Sheet S2.01: Add **HSS5x5x3/8** at Elevation 116'-6" as shown on enclosed Supplemental Drawing SDS.012.

FSD-2 Sheet S2.02: Add **HSS5x5x3/8** at Elevation 116'-6" as shown on enclosed Supplemental Drawing SDS.012.

FSD-3 Sheet S6.00: Revise Note F.3 to read, "All exterior exposed steel shall be **galvanized.**"

FSD-4 Sheet S6.03:

A. Detail 10:

1. Revise note as shown on enclosed Supplemental Drawing SDS.013.
2. Add height at fascia plate.
3. Revise plate note to read "PI 3/16 x cont **at three sides.**"

B. Detail 11:

1. Revise note as shown on enclosed Supplemental Drawing SDS.014.
2. Revise plate note to read "PI 3/16 x cont **all around.**"

C. Detail 12:

1. Revise note as shown on enclosed Supplemental Drawing SDS.015.
2. Revise height at fascia plate.
3. Revise plate note to read "PI 3/16 x cont **typical at perimeter.**"

FSD-5 Sheet S6.04, Details 6 and 8:

- A. Revise note as shown on enclosed Supplemental Drawing SDS.016.
- B. Add fascia plate height.

FSD-6 Sheet S6.06: Add **Detail 14/S6.06** as shown on enclosed Supplemental Drawing SDS.017.

Mechanical Drawing Items

FMD-1

Sheet M01.01 – Floor Plan North – HVAC:

A. Add the following sentence to the end of Flag Note 8:

8. ... SEE ARCHITECTURAL DETAIL FOR DUCT MOUNTING.

B. Revise sheet as indicated on attached Mechanical Sketch MS-1.

FMD-2

Sheet M01.02 – Floor Plan South – HVAC:

A. Add the following sentence to the end of Flag Note 8:

8. SEE ARCHITECTURAL DETAIL FOR DUCT MOUNTING.

B. Revise sheet as indicated on attached Mechanical Sketch MS-2.

Electrical Drawing Items

FED-1

Sheet E00.01 - Electrical Site Plan:

A. Revise Flag Note 8 to read as follows:

8. PROVIDE PEDOC 2P36-C-D-BR NEMA 3R POWER PEDESTAL. FIELD VERIFY FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.

B. Site Lighting Schedule:

1. Revise Fixture A pole type to **Round Straight Steel (RSS)**.
2. Delete Schedule Note 6.

FED-2

Sheet E01.01 - Floor Plan North – Lighting:

A. Corridor 101B: Revise lighting layout per attached Sketch Sheet ES-1. Delete Flag Note 7.

B. Hearth 101: Delete exit sign Type 24 at Column Line J.

FED-3

Sheet E02.01 - Floor Plan North – Power:

A. HP Room 139B: Revise Heat Pump HP-5 circuit to **NW-56**.

B. Hoteling Room 135A: Add receptacle and modify circuiting per attached Sketch Sheet ES-2.

FED-4

Sheet E03.01 - Floor Plan North - Special Systems:

A. Hearth 101: Add sleeve for low voltage cabling pathway at Column Line 11 per attached Sketch Sheet ES-3.

B. Training Room A 102A: Add Flag Note 13 to AV box per attached Sketch Sheet ES-3.

C. Revise Flag Note 22 to read as follows:

22. PRIMARY J-HOOK PATHWAY DEPICTED ONLY. PROVIDE ADDITIONAL J-HOOKS AS SECONDARY PATHWAY TO TELECOM OUTLET BOXES AS REQUIRED. PROVIDE SLEEVES AS REQUIRED WHERE SECONDARY PATHWAY MUST PASS THROUGH WALL TO CONNECT TO PRIMARY J--HOOK PATHWAY.

FED-5

Sheet E03.02 - Floor Plan South - Special Systems: Revise Flag Note 12 to read as follows:

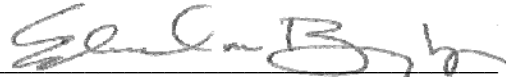
- 12. PRIMARY J-HOOK PATHWAY DEPICTED ONLY. PROVIDE ADDITIONAL J-HOOKS AS SECONDARY PATHWAY TO TELECOM OUTLET BOXES AS REQUIRED. PROVIDE SLEEVES AS REQUIRED WHERE SECONDARY PATHWAY MUST PASS THROUGH WALL TO CONNECT TO PRIMARY J--HOOK PATHWAY.**

FED-6

Sheet E05.00 - Electrical Schedules: Revise Panel Schedules, Lighting Fixture Schedule Notes, and add Load Summary Table per attached Sheet E05.00.

ALL OTHER REQUIREMENTS OF THE PLANS AND SPECIFICATIONS REMAIN IN EFFECT. THIS ADDENDUM SHALL BE ATTACHED AND MADE A PART OF THE PLANS AND SPECIFICATIONS.

RDG PLANNING & DESIGN

By 

Edward M. Buglewicz, AIA
for RDG Schutte Wilscam Birge, Inc.

END OF ADDENDUM F

EMB/jm

Enclosure:

Specification Section 06 20 13 – Exterior Finish Carpentry
Specification Section 07 32 13 – Clay Wall Tiles
Specification Section 08 71 00 – Door Hardware
Specification Section 09 30 33 – Stone Tiling
Specification Section 09 54 23 – Linear Metal Ceilings
Supplemental Drawings SDA-002, SDA-003, SDA-004, SDA-005, and SDA-006
Supplemental Drawings SDS.013, SDS.014, SDS.015, SDS.016, and SDS.017
Sketch Sheets MS-1 and MS-2
Sketch Sheets ES-1, ES-2, and ES-3
Sheets A01.03, A01.04 and A10.1
Sheet E05.00

SECTION 06 20 13 - EXTERIOR FINISH CARPENTRY

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY: Section includes hardboard siding.
- 1.3 ACTION SUBMITTALS:
- A. Product Data: For each type of process and factory-fabricated product. Indicate component materials, dimensions, profiles, textures, and colors and include construction and application details.
 - 1. Include data for wood-preservative treatment from treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used and net amount of preservative retained. Include treatment manufacturer's written instructions for finishing treated material.
 - B. Samples for Verification: For hardboard siding, 50 sq. in. for board types.
- 1.4 DELIVERY, STORAGE, AND HANDLING: Stack lumber, plywood, and other panels flat with spacers between each bundle to provide air circulation. Protect materials from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation around stacks and under coverings.
- 1.5 FIELD CONDITIONS:
- A. Weather Limitations: Proceed with installation only when existing and forecast weather conditions permit work to be performed and at least one coat of specified finish can be applied without exposure to rain, snow, or dampness.
 - B. Do not install finish carpentry materials that are wet, moisture damaged, or mold damaged.
 - 1. Indications that materials are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
 - 2. Indications that materials are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.
- 1.6 WARRANTY:
- A. Manufacturer's Warranty for Hardboard Siding: Manufacturer agrees to repair or replace siding that fails in materials or workmanship within specified warranty period. Failures include, but are not limited to, deformation or deterioration beyond normal weathering.
 - 1. Warranty Period for Siding (Excluding Finish): 25 years from date of Substantial Completion.

PART 2 - PRODUCTS

- 2.1 HARDBOARD SIDING: (Used at exterior ceiling assemblies.)
- A. See drawings for ceiling "Type 14" locations.
 - B. Provide thermally modified wood Cambia by NFP or equal.
 - C. Species and Grade: Boston Harbor 6" T & G with walnut coating.
 - D. Pattern: V-edge, smooth-faced tongue-and-groove pattern with eased edges, actual face width.

2.2 MISCELLANEOUS MATERIALS:

- A. Fasteners for Exterior Finish Carpentry: Provide nails or screws, in sufficient length to penetrate not less than 1-1/2 inches into wood substrate.
 - 1. For face-fastening siding, provide ringed-shank siding nails or hot-dip galvanized-steel siding nails unless otherwise indicated.
 - 2. For blind nailing and applications not otherwise indicated, provide hot-dip galvanized-steel fasteners.
- B. Flashing: Comply with requirements in Section 07 62 00 "Sheet Metal Flashing and Trim" for flashing materials installed in exterior finish carpentry.
- C. Round Soffit Vents: Molded plastic louvered vents, 2 inches in diameter, made to be inserted into round holes cut into soffit.

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance.
- B. Examine finish carpentry materials before installation. Reject materials that are wet, moisture damaged, and mold damaged.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION: Clean substrates of projections and substances detrimental to application.

3.3 INSTALLATION, GENERAL:

- A. Do not use materials that are unsound, warped, improperly treated or finished, inadequately seasoned, or too small to fabricate with proper jointing arrangements.
 - 1. Do not use manufactured units with defective surfaces, sizes, or patterns.
- B. Install exterior finish carpentry level, plumb, true, and aligned with adjacent materials. Use concealed shims where necessary for alignment.
 - 1. Scribe and cut exterior finish carpentry to fit adjoining work. Refinish and seal cuts as recommended by manufacturer.
 - 2. Install to tolerance of 1/8 inch in 96 inches for level and plumb. Install adjoining exterior finish carpentry with 1/32-inch maximum offset for flush installation and 1/16-inch maximum offset for reveal installation.
 - 3. Coordinate exterior finish carpentry with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate exterior finish carpentry.

3.4 SIDING INSTALLATION:

- A. Install siding to comply with manufacturer's written instructions.
- B. Hardboard Siding: Install hardboard siding to comply with manufacturer's recommendations. Install panels with edges over framing or blocking. Leave 3/16-inch gap at perimeter, openings, and horizontal panel joints unless otherwise recommended by panel manufacturer.
 - 1. Install continuous metal flashing at horizontal panel joints.
 - 2. Conceal fasteners to greatest practical extent by placing in grooves of siding pattern or by concealing with applied trim or battens as detailed.

3.5 ADJUSTING: Replace exterior finish carpentry that is damaged or does not comply with requirements. Exterior finish carpentry may be repaired or refinished if work complies with requirements and shows no evidence of repair or refinishing. Adjust joinery for uniform appearance.

3.6 PROTECTION:

- A. Protect installed products from damage from weather and other causes during construction.
- B. Remove and replace finish carpentry materials that are wet, moisture damaged, and mold damaged.
 - 1. Indications that materials are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape.
 - 2. Indications that materials are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

END OF SECTION 06 20 13

SECTION 07 32 13 – CLAY WALL TILES

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SECTION INCLUDES
- A. Clay roof tile (used in vertical wall installation).
 - B. Fasteners.
 - C. Flashings and counterflashings.
- 1.3 REFERENCES:
- A. ASTM C 67 – Standard Test Methods of Sampling and Testing Brick and Structural Clay Tile.
 - B. ASTM C 920 – Standard Specification for Elastomeric Sealants.
 - C. ASTM C 1167 – Standard Specification for Clay Roof Tiles.
 - D. SMACNA Architectural Sheet Metal Manual; Sheet Metal and Air Conditioning Contractors' National Association, Inc.
- 1.4 SUBMITTALS:
- A. Product Data: Manufacturer's descriptive literature for products specified in this section.
 - B. Shop Drawings: Indicate the following:
 - 1. Roof Tile:
 - a. Exposure pattern.
 - b. Locations and configurations of special shapes.
 - c. Locations and configuration of each type wall flashing.
 - 2. Fabricated Sheet Metal Items:
 - a. Dimensioned profiles.
 - b. Locations and extent of each item; include joint locations.
 - c. Jointing methods and materials.
 - d. Provisions for prevention of electrolytic action between dissimilar materials.
 - e. Interface with adjacent construction.
 - C. Selection Samples: Two sets of color charts or samples representing manufacturer's full range of available colors.
 - D. Verification Samples: Three full-size tile samples of each type tile specified, representing actual color and finish of products to be installed.
 - E. Manufacturer's printed installation instructions for each product, including product storage requirements.
 - F. Closeout Submittals: Warranty documents, issued and executed by tile manufacturer, countersigned by Contractor.

1.5 QUALITY ASSURANCE:

- A. Installer Qualifications: Company specializing in installing roofing of the type specified in this section, with no fewer than three years of documented experience.
- B. Contractor must be factory trained and approved in writing.
- C. Roof tile manufacturer shall have current ISO 9000 certification.
- D. Mock-Up:
 - 1. Construct mock-up using materials specified in this section.
 - 2. Construct mock-up at location directed, size 8 feet by 4 feet.
 - 3. Obtain Architect's acceptance of mock-up before beginning construction activities of this section; accepted mock-up will be standard by which completed work of this section is judged.
 - 4. Approved mock-up may remain as part of Work.
- E. Pre-Installation Meeting:
 - 1. Convene at jobsite seven (7) calendar days prior to scheduled beginning of construction activities of this section to review requirements of this section.
 - 2. Require attendance by representatives of the following:
 - a. Installer of this section.
 - b. Other entities directly affecting, or affected by, construction activities of this section.
 - 3. Notify Architect seven (7) calendar days in advance of scheduled meeting date.

1.6 DELIVERY, STORAGE, AND HANDLING:

- A. Store products of this section in manufacturer's unopened packaging until installation.
- B. Maintain storage area conditions for products of this section in accordance with manufacturer's instructions until installation.

1.7 WARRANTY:

- A. Product Warranty: The clay roof tile manufacturer shall provide a 75-year warranty guaranteeing material integrity and color fastness for roof tile.
- B. Special Warranties:
 - 1. Roofing Contractor Warranty: The Contractor warrants products of this section, as installed, to be in accordance with the Contract Documents and free from faults and defects in materials and workmanship for a period of three (3) years.

1.8 EXTRA MATERIALS: Provide an additional quantity of roof tile matching tile installed, in the amount of 3 percent of the total installed, but not less than one full carton, for Owner's use in maintenance.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

- A. Manufacturing facility shall be located in the United States.
- B. Manufacture shall have been in continuous operation for over 100 years.

- C. Manufacturer shall be ISO 9000 certified and meet Cradle to Cradle specifications.
- D. Acceptable Tile Manufacturer: Ludowici Roof Tile; P.O. Box 69, 4757 Tile Plant Road, New Lexington, OH 43764; Tel: (800) 945-8453; Email: info@ludowici.com; Web: www.ludowici.com.
- E. Requests for substitution will be considered in accordance with provisions of Division 01 section "Product Requirements."
- F. Unless otherwise specified for an individual product or material, supply all products specified in this section from the same manufacturer.

2.2 CLAY WALL TILE:

- A. Wall Tile, General: Incombustible, vitrified tile manufactured from shale and fire clays, having less than 2.0 percent moisture absorption when tested in accordance with ASTM C 67, and meeting Grade 1 freeze/thaw resistance requirements when tested in accordance with ASTM C 1167.
 - 1. Color: Ebony Mist.
- B. Wall Application Clay Roof Tile Slabs: Ebony Mist.
 - 1. Acceptable Wall Tile Product: Ludowici Roof Tile – NexClad.
 - 2. Accessory Tile Pieces Required: Ludowici Roof Tile – NexClad Siding Corners.

2.3 ACCESSORY MATERIALS:

- A. Underlayment: By Others. See Division 06 section "Sheathing" and Division 07 section "Thermal Insulation."
- B. Flashing: See Division 07 section "Sheet Metal Flashing and Trim."
- C. Tile Fasteners: Corrosion-resistant; types and sizes specified in manufacturer's instructions for indicated uses and conditions.
- D. Hurricane hold down clips: As furnished by Ludowici Roof Tile per manufacturer's written instructions and recommendations.
- E. Adhesive: Per manufacturer's written instructions and recommendations.
- F. Tile Fasteners for Use on Shield Weathertight Warranty Projects: Stainless steel "QuickDrive" screws as furnished by Ludowici Roof Tile.

2.4 FLASHING FABRICATION:

- A. Form flashing to profiles indicated on drawings and as required to protect roofing materials from physical damage and shed water and in accordance with manufacturer's instructions for indicated project conditions.
- B. Form sections square and accurate in profile, in maximum possible lengths, free from distortion or defects detrimental to appearance or performance.
- C. Fabrication of other indicated sheet metal items is specified in Division 07 section "Sheet Metal Flashing and Trim."

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Verify that wall penetrations are in place and properly flashed and sealed to sheathing/air and moisture barrier surfaces.
- B. Verify that sheathing surfaces are dry and free of ridges, warps, and voids.

3.2 PREPARATION: Comply with tile manufacturer's recommendations on preparation of acceptable wall sheathing.

3.3 TILE INSTALLATION:

- A. Install wall tile in strict conformance with manufacturer's instructions.
- B. Install first course over cant strip, with overhang.
 - 1. Do not drive fasteners tightly against tiles, to reduce risk of breakage and to allow natural wall movement and moisture drainage.
 - 2. Allow tile to "hang" on its fasteners.
- C. Install each subsequent course with maximum exposure in each course per manufacturer's written instructions. Wet cut tile at openings and penetrations, using masonry saw with diamond blade.

3.4 PROTECTION:

- A. Protect completed wall areas from damage, construction debris, and elements that would degrade the finish of the material.
- B. Replace tile broken due to improper protection or traffic control.

END OF SECTION 07 32 13

SECTION 08 71 00 – DOOR HARDWARE

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY:
- A. This Section includes the following:
1. Commercial door hardware for the following:
 - a. Swinging doors.
 - b. Other doors to the extent indicated.
 2. Cylinders for doors specified in other Sections.
 3. Electrified and Electronic door hardware.
 4. Automatic door operators.
- 1.3 SUBMITTALS:
- A. Product Data: Include installation details, material descriptions, dimensions of individual components and profiles, and finishes.
- B. Shop Drawings: Details of electrified door hardware, indicating the following:
1. Wiring Diagrams: Detail wiring for power, signal, and control systems and differentiate between manufacturer-installed and field-installed wiring. Include the following:
 - a. System schematic.
 - b. Point-to-point wiring diagram.
 - c. Riser diagram.
 - d. Elevation of each door.
 2. Detail interface between electrified door hardware and fire alarm, access control, security, or building control system.
- C. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening.
 - a. Organize door hardware sets in same order as in the Door Hardware Schedule at the end of Part 3.
 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.

- d. Location of each door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Description of each electrified door hardware function, including location, sequence of operation, and interface with other building control systems.
 - 1) Sequence of Operation: Include description of component functions that occur in the following situations: authorized person wants to enter; authorized person wants to exit; unauthorized person wants to enter; unauthorized person wants to exit.
4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- D. Keying Schedule: Prepared by or under the supervision of supplier, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations.
- E. Product Certificates: Signed by manufacturers of electrified door hardware certifying that products furnished comply with requirements.
 - 1. Certify that door hardware approved for use on types and sizes of labeled fire doors complies with listed fire door assemblies and any other applicable code requirements.
- F. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, indicating current products comply with requirements.
- G. Maintenance Data: For each type of door hardware to include in maintenance manuals specified in Division 01.
- H. Warranties: Special warranties specified in this Section.

1.4 QUALITY ASSURANCE:

- A. Installer Qualifications: An experienced installer who has completed door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- B. Supplier Qualifications: Door hardware supplier with warehousing facilities in Project's vicinity and who is or employs a qualified Architectural Hardware Consultant, available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
 - 1. Electrified Door Hardware Supplier Qualifications: An experienced door hardware supplier who has completed projects with electrified door hardware similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance, and who is acceptable to manufacturer of primary materials.
 - a. Engineering Responsibility: Prepare data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
 - 2. Scheduling Responsibility: Preparation of door hardware and keying schedules.

- C. Architectural Hardware Consultant Qualifications: A person who is currently certified by the Door and Hardware Institute as an Architectural Hardware Consultant and 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.
 - 1. Electrified Door Hardware Qualifications: Experienced in providing consulting services for electrified door hardware installations.
 - D. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.
 - 1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that are listed to perform electrical modifications, by a testing and inspecting agency acceptable to authorities having jurisdiction, are acceptable.
 - E. Regulatory Requirements: Comply with provisions of the following:
 - 1. Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)" as follows:
 - a. Handles, Pulls, Latches, Locks, and other Operating Devices: Shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist.
 - b. Door Closers: Comply with the following maximum opening force requirements indicated:
 - 1) Interior Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
 - 2) Sliding or Folding Doors: 5 lbf (22.2 N) applied parallel to door at latch.
 - 3) Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
 - c. Thresholds: Not more than 1/2 inch (13 mm) high. Bevel raised thresholds with a slope of not more than 1:2.
 - 2. NFPA 101: Comply with the following for means of egress doors:
 - a. Latches, Locks, and Exit Devices: Not more than 15 lbf (67 N) to release the latch. Locks shall not require the use of a key, tool, or special knowledge for operation.
 - b. Door Closers: Not more than 30 lbf (133 N) to set door in motion and not more than 15 lbf (67 N) to open door to minimum required width.
 - c. Thresholds: Not more than 1/2 inch (13 mm) high.
 - 3. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction. Provide power supplies accordingly. Locksets to contain a temperature control module for prevention of overheating.
 - F. Fire-Rated Door Assemblies: Provide door hardware for assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252.
 - 1. Test Pressure: Test at atmospheric pressure.
- 1.5 DELIVERY, STORAGE, AND HANDLING:
- A. Inventory door hardware on receipt and provide secure lockup for door hardware delivered to Project site.
 - B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
 - C. Deliver keys to Owner by registered mail or overnight package service.

1.6 COORDINATION:

- A. Coordinate layout and installation of recessed pivots and closers with floor construction. Cast anchoring inserts into concrete. Concrete, reinforcement, and formwork requirements are specified in Division 03 Section "Cast-in-Place Concrete."
- B. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies, fire alarm system and detection devices, access control system, security system, and building control system.

1.7 WARRANTY:

- A. General Warranty: Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Special Warranty: Written warranty, executed by manufacturer agreeing to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of operators and door hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
- C. Warranty Periods:
 - 1. General Products: Two years from date of Substantial Completion, unless otherwise indicated.
 - 2. Exit Devices and Electrical Exit Devices: Five years from date of Substantial Completion.
 - 3. Manual Closers: Ten years from date of Substantial Completion.
 - 4. Locks: Ten years from date of Substantial Completion.

1.8 MAINTENANCE SERVICE:

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.
- B. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door hardware operation. Provide parts and supplies as used in the manufacture and installation of original products.

PART 2 - PRODUCTS

2.1 LIST OF MANUFACTURERS:

	Specified	Approved
A. Hinges	McKinney	Hager, Stanley
B. Continuous	Pemko	ABH, Select
C. Locks	Sargent 8200XC	Best 45H-15H Restricted Corbin Russwin ML 2000 NSA "PCS" Key Schlage L9000 x 06B "PRIMUS" Key

D.	Exit Devices	Sargent (80 Series)	Corbin Russwin (5000 Series) Precision (2000 Series) Von Duprin (98 Series)		
E.	Closers	Sargent (281 Series)	Corbin Russwin DC6200 Series LCN (4040XP Series) Norton (7500 Series) Stanley (D4550 Series)		
F.	Low Energy Operator	Norton (6900 Series)	LCN (4640 Series) Sargent (4000) Precision (D-4990)		
G.	Flat Goods & Stops	Rockwood	Ives, Trimco		
		Push Plate	70C	4" x 16"	630
		Pull Plate	111 x 70C	4" x 16"	630
		Kick Plates	8" x 2" L.D.W. x .050 CSK, B4E		630
		Wall Stop	409		630
H.	Door Bolts	Rockwood	Ives, Trimco		
I.	Weatherproofing	Pemko	National Guard, Reese		
J.	Controls and Accessories	Securitron	DynaLock, SDC		
K.	Overhead Stops	Rixson 9 Series	Sargent, Rockwood		
L.	Sliding Door Lock	Adams Rite MS1850S			
M.	Wiring Harness	McKinney "QC"			
N.	Sliding Track	Pemko	PC Henderson		

2.2 SCHEDULED DOOR HARDWARE:

- A. General: Provide door hardware for each door to comply with requirements in this Section, door hardware sets indicated in door and frame schedule, and the Door Hardware Schedule at the end of Part 3.
1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturer's products.
 2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.
- B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Schedule at the end of Part 3. Products are identified by using door hardware designations, as follows:
1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing minimum requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

2.3 CYLINDERS AND KEYING:

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Cylinders: Same manufacturer as master key system.
- B. Cylinders: Manufacturer's standard pin tumbler type in security type keyway, constructed from brass or bronze, stainless steel, or nickel silver, and complying with the following:
 - 1. Number of Pins: Six or seven.
 - 2. Mortise Type: Threaded cylinders with rings and straight or clover-type cam.
 - 3. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
 - 4. Blocking Rings: Furnish proper blocking rings for each cylinder to provide spacing for hardware item in which installed.
- C. Permanent Cores: Manufacturer's patented key system; finish face to match lockset.
- D. Construction Keying: Comply with the following:
 - 1. Construction Cores: Provide construction cores in ALL keyed locks that are replaceable by permanent cores. Provide 10 construction master keys.
 - a. Replace construction cores with permanent cores, as directed by Owner.
- E. Keying System: Unless otherwise indicated, provide a factory-registered keying system complying with the following requirements:
 - 1. Grand Master Key System: A change key, a master key, and a grand master key, as required by Owner to key into a new key system, and operate cylinders.
 - 2. Confirm all cylinder types and keying with Owner prior to order of permanent cores or cylinders.
- F. Keys: Provide nickel-silver keys complying with the following:
 - 1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
 - a. Notation: Do Not Duplicate.
 - 2. Quantity: In addition to one extra blank key for each lock, provide the following:
 - a. Construction MK: Ten.
 - b. Cylinder Change Keys: Three.
 - c. Grand Master Keys: Six.
 - d. Master Keys: Six per set.
 - e. Control Keys: Three; two construction, one permanent.

2.4 FABRICATION:

- A. Manufacturer's Nameplate: Do not provide manufacturers' products that have manufacturer's name or trade name displayed in a visible location (omit removable nameplates) except in conjunction with required fire-rated labels and as otherwise approved by Architect.
 - 1. Manufacturer's identification will be permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18 for finishes. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.

- C. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to commercially recognized industry standards for application intended. Provide Phillips flathead screws with finished heads to match surface of door hardware, unless otherwise indicated.
 - 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
 - 2. Steel Machine or Wood Screws: For the following fire-rated applications:
 - a. Mortise hinges to doors.
 - b. Strike plates to frames.
 - c. Closers to doors and frames.
 - 3. Steel Through Bolts: For the following fire-rated applications, unless door blocking is provided:
 - a. Surface hinges to doors.
 - b. Closers to doors and frames.
 - c. Surface-mounted exit devices.
 - 4. Spacers or Sex Bolts: For through bolting of hollow metal doors.
 - 5. Fasteners for Wood Doors: Comply with requirements of DHI WDHS.2, "Recommended Fasteners for Wood Doors."

2.5 FINISHES:

- A. Standard: Comply with BHMA A156.18.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION:

- A. Steel Doors and Frames: Comply with DHI A115 series.
 - 1. Surface-Applied Door Hardware: Drill and tap doors and frames according to SDI 107.
- B. Wood Doors: Comply with DHI A115W series.

3.3 INSTALLATION:

- A. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings. Verify location with Architect.
 - 1. Configuration: Provide the least number of power supplies required to adequately serve doors with electrified door hardware.
- D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."

3.4 ADJUSTING:

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Door Closers: Adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.
- B. Six Month Adjustment: Approximately six months after date of Substantial Completion, Installer shall perform the following:
 - 1. Examine and readjust each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.
 - 2. Consult with and instruct Owner's personnel on recommended maintenance procedures.
 - 3. Replace door hardware items that have deteriorated or failed due to faulty design, materials, or installation of door hardware units.

3.5 CLEANING AND PROTECTION:

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.6 DEMONSTRATION: Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes.

3.7 DOOR HARDWARE SETS:

- A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
- B. The supplier is responsible for handing and sizing all products as listed in the door hardware sets. Quantities listed are for each pair of doors, or for each single door.
- C. Products listed in the Door Hardware Sets are to be provided under and meet the requirements described in the specification sections noted.
 - 1. Division 08 Section "Aluminum-Framed Entrances and Storefronts."
 - 2. Division 08 Section "All-Glass Entrances and Storefronts."
- D. Manufacturer's Abbreviations:
 - 1. PE – Pemko.
 - 2. MK – McKinney.
 - 3. SA – Sargent.
 - 4. RO – Rockwood.
 - 5. AD - Adams Rite.
 - 6. NO – Norton.
 - 7. RF – Rixson.
 - 8. OO – Other.
 - 9. SU – Securitron.
 - 10. YA – Yale.
- E. Hardware Finish:
 - 1. Wood and Hollow Metal Doors: US26D/US32D satin chrome/stainless steel.
 - 2. Aluminum Doors: US10B or manufacturer's dark bronze finish.

3.8 HARDWARE SCHEDULE:

A. Set: 1.0

Doors: 104A, 104B

1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
1 Push Plate	70C 4" x 16"	RO
1 Pull Plate	BF 111 x 70C 4" x 16"	RO
1 Door Closer (HD Arm, Pull Side)	281 O10	SA
1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
1 Wall Stop	409	RO
3 Silencers	608	RO
1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO

B.	Set: 2.0		
	Doors: 134A		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Latch (Passage)	8215 LL	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
C.	Set: 3.1		
	Doors: 117.1, 117.2, 122.1, 122.2, 129.1, 165.1, 165.2		
	Description: Dutch Door		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1 (Cut for Dutch Door)	PE
	1 Mortise Latch (Passage)	8215 LL	SA
	1 Manual Bolt (Top Leaf)	630-8 (Mount on Inside Face of Door)	RO
	1 Wall Stop	430 (Top Leaf)	
		(Mounted on Hollow Metal Frame)	RO
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	4 Silencers (Two Each Leaf)	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
D.	Set: 3.2		
	Doors: 110.1, 110.2, 129.1, 129.2, 144.1, 144.2, 152.1, 152.2, 157.1, 157.2		
	Description: Dutch Door		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1 (Cut for Dutch Door)	PE
	1 Mortise Latch (Passage)	8215 LL	SA
	1 Manual Bolt (Top Leaf)	630-8 (Mount on Inside Face of Door)	RO
	1 Door Stop and Holder	494 (Top Leaf)	RO
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	4 Silencers (Two Each Leaf)	609	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
E.	Set: 4.0		
	Doors: 108, 109, 116, 123, 130, 132, 135, 136, 145, 146, 153, 159, 166		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Office)	8205 LL CMK	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
F.	Set: 5.0		
	Doors: 134		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Office)	8205 LL CMK	SA
	1 Surface Overhead Stop	9-X36	RF
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO

G.	Set: 6.0		
	Doors: 111.1, 111.2, 118.1, 118.2, 121.1, 121.2, 128.1, 128.2, 143.1, 143.2, 151.1, 151.2, 156.1, 156.2, 164.1, 164.2		
	Description: All-Glass Slider		
	1 Hardware	All Hardware by Door Supplier	00
H.	Set: 7.0		
	Doors: 137, 140, 170, 171		
	Description: Wood Surface Slider		
	1 Box Rail Sliding Hardware Kit	SB-06-440-U Real Sliding Hardware	00
	1 Mortise Deadlock (Sliding Door)	MS1850SN-050 x 4002 Strike	AD
	1 Cylinder	41 CMK (AR Cam)	SA
	1 Thumb Turn	124-41 (AR Cam)	SA
	2 Door Pulls	BF 106 x Mtg-Type 5	RO
I.	Set: 8.0		
	Doors: 107.1, 112.1, 115.1, 119.1, 120.1, 124.1, 127.1, 131.1, 163.1, 167.1		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Classroom)	8237 LL CMK	SA
	1 Door Closer (HD Arm, Push Side)	281 P10	SA
	1 Wall Stop	409	RO
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
J.	Set: 9.0		
	Doors: 142.1, 147.1, 150.1, 154.1, 155, 160.1		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Classroom)	8238 LL CMK	SA
	1 Door Closer (Reg Arm, Pull Side)	281 O	SA
	1 Wall Stop	409	RO
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
K.	Set: 10.0		
	Doors: 103		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Classroom)	8238 LL CMK	SA
	1 Door Closer (HD Arm, Push Side)	281 P10	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO

L.	Set: 11.0		
	Doors: 126, 149		
	3 Hinges (Heavy Weight)	T4A3786 4-1/2" x 4-1/2"	MK
	1 Finger Guard (Push Side)	Finger Defender by Fingerguard USA	00
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Door Closer (Reg Arm, Pull Side)	281 O	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	1 Gasketing	S88D (Head, Jamb)	PE
M.	Set: 12.0		
	Doors: 105.2		
	1 Continuous Hinge (Fingerguard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Entry with Deadbolt)	8243 LL CMK	SA
	1 Door Closer (Reg Arm, Pull Side)	281 O	SA
	1 Surface Overhead Stop	9-X36	RF
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	3 Silencers	608	RO
N.	Set: 13.0		
	Doors: 103A		
	3 Hinges	TA2714 NRP 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storefront)	8227 LL CMK	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
O.	Set: 14.0		
	Doors: 105A		
	3 Hinges	TA2714 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8227 LL CMK	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
P.	Set: 15.0		
	Door: 102B		
	1 Continuous Hinge	CFM-HD1	PE
	1 Mortise Lock (Storeroom)	8227 LL CMK	SA
	1 Surface Overhead Stop	9-X36	RF
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE

Q.	Set: 16.0		
	Doors: 104C		
	3 Hinges	TA2714 NRP 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Surface Overhead Stop	9-X36	RF
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
R.	Set: 17.0		
	Doors: 133		
	3 Hinges	TA2714 NRP 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Door Closer (HDS Arm with Stop, Push Side)	281 CPS	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE
S.	Set: 18.0		
	Doors: 139A		
	1 Continuous Hinge	CFM-HD1	PE
	1 Mortise Lock (Classroom)	8237 LL CMK	SA
	1 Door Closer (HD Arm, with Stop, Pull Side)	281 CPS	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE
T.	Set: 19.0		
	Doors: 138		
	3 Hinges	TA2714 NRP 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	3 Silencers	608	RO
U.	Set: 20.0		
	Doors: 106		
	3 Hinges (Heavy Weight)	T4A3786 NRP 4-1/2" x 4-1/2"	MK
	1 Exit Device (Fire, Rim, Classroom)	12 8813 ETL CMK	SA
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE

V.	Set: 21.0		
	Doors: 113, 161		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Latch (Privacy with Indicator)	49 8265 LL	SA
	1 Door Closer (Reg Arm, Pull Side)	281 O	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	1 Gasketing	S88D (Head, Jamb)	PE
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
W.	Set: 22.0		
	Doors: 113A, 126A, 149A, 161A		
	3 Hinges (Heavy Weight)	T4A3786 NRP 4-1/2" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Door Closer (HD Arm, Push Side)	281 P10	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	1 Gasketing	S88D (Head, Jamb)	PE
	1 Mop Plate	K1050 4" x 1" LDS B4E CSK	RO
X.	Set: 23.0		
	Door: 201 (Mechanical Mezzanine)		
	2 Continuous Hinges	DFMxxSLF-HD1	PE
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Latch Protector	321	RO
	1 Threshold	171D	PE
	2 Sweeps with Drip	345D	PE
	1 Rain Guard	346C (Door Width)	PE
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
	1 Removable Mullion (Keyed)	L980S	SA
	2 Door Position Switches	DPS-XBK	SU
	1 Motion Sensor	XMS	SU
Y.	Set: 24.0		
	Doors: 102C, 169		
	1 Continuous Hinge	CFM-HD1 (Cut for Dutch Door)	PE
	1 Mortise Lock (Storeroom)	8227 LL CMK	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
Z.	Set: 25.0		
	Doors: 139B		
	3 Hinges (Heavy Weight)	T4A3786 NRP 5" x 4-1/2"	MK
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Gasketing	S88D (Head, Jamb)	PE

AA.	Set: 26.0		
	Doors: 114, 125, 148, 162		
	1 Continuous Hinge	DFM-SLF-HD1	PE
	1 Finger Guard (Push Side)	Finger Defender by Fingerguard USA	00
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Latch Protector	321	RO
	1 Door Closer (HD Arm with Stop-Holder, Push Side)	281 CPSH	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Threshold	171D	PE
	1 Sweep with Drip	345D	PE
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
BB.	Set: 27.0		
	Door: 105.1		
	1 Continuous Hinge	DFM-SLF-HD1	PE
	1 Mortise Lock (Storeroom)	8204 LL CMK	SA
	1 Latch Protector	321	RO
	1 Door Closer (HD Arm with Stop-Holder, Push Side)	281 CPSH	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Viewer (Wide Angle)	DS2000 by Security Products	00
	1 Threshold	171D	PE
	1 Sweep with Drip	345D	PE
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
	1 Motion Sensor	XMS	SU
	1 Door Position Switch	DPS-x-BK	SU
	Notes:		
	Door position switch to be wired into security system.		
	Motion sensor located on secure side of door to allow for authorized egress, shunting door position switch.		
CC.	Set: 28.0		
	Doors: 139.2, 139.3		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Exit Device (Rim, Classroom)	8813 ETL CMK	SA
	1 Door Closer (HD Arm, Push Side)	281 P10	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop	409	RO
	3 Silencers	608	RO
DD.	Set: 29.0		
	Doors: 102A.1, 102B.1, 139.1		
	Description: Alum Slider Set		
	2 Cylinders	41 CMK (Verify Type Needed)	SA
	1 Hardware	Balance of Hardware by Door Supplier	00

EE.	Set: 30.0		
	Doors: 102A.3, 102B.3		
	Description: FEMA Overhead Door		
	1 Hardware	Hardware by Door Supplier	00
FF.	Set: 31.0		
	Doors: 141, 168		
	1 Continuous Hinge (Finger Guard)	CFMxxSF-HD1	PE
	1 Mortise Lock (Classroom)	8238 LL CMK	SA
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Floor Stop	441H	RO
	3 Silencers	608	RO
GG.	Set: 32.0		
	Doors: 102A.1, 102B.2		
	Description: FEMA Door		
	3 Hinges (Heavy Weight)	SP3786 NRP 4-1/2" x 4-1/2"	MK
	1 Finger Guard (Push Side)	Finger Defender by Fingerguard USA	00
	1 Multipoint Exit Device (FEMA, Classroom))	FM8713 ETL CMK	SA
	1 Door Closer (HD Arm, Push Side)	281 P10	SA
	1 Kickplate	K1050 10" x 2" LDW B4E CSK	RO
	1 Wall Stop (102B.2)	409	RO
	1 Floor Stop (102A.2)	441H	RO
	3 Silencers	608	RO
	Notes: Based on Ceco StormPro 361		
HH.	Set: 33.0		
	Doors: 101A, 101B.2, 101E, 107.2, 112.2, 115.2, 119.2, 120.2, 124.2, 127.2, 131.2, 142.2, 147.2, 150.2, 154.2, 160.2, 163.2, 167.2		
	1 Continuous Hinge	DFMxxSLF-HD1 x EPT Prep	PE
	1 Finger Guard (Push Side)	Finger Defender by Fingerguard USA	00
	1 Exit Device (Rim, Night Latch, Electric Latch Retraction)	55 56 8504 x Pull by Other	SA
	1 Pull	RM202 x Mtg-Type 12XHD (Bronze Finish)	RO
	1 Door Closer (HD Arm with Stop-Holder, Push Side)	281 CPSH	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Threshold	171D	PE
	1 Sweep with Drip	345D	PE
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
	1 Card Reader	Card Reader By Security Contractor	00
	1 Electric Power Transfer	EL-CEPT (w/ wires)	SU
	1 Motion Sensor	XMS	SU
	1 Door Position Switch	DPS-x-BK	SU
	1 ElectroLynx Harness (Door)	QC-C206P	MK
	1 ElectroLynx Harness (Frame)	QC-C1500P	MK
	1 Power Supply	BPS-12/24-1	SU

Notes:

Door position switch to be wired into security system.
 Presentation of authorized card to reader sends a signal to exit device to electrically retract latch allowing entry, and shunting door position switch. Latch retraction signal to be removed after 10 seconds.
 Depressing crossbar from inside allows for immediate egress and shunts door position switch. Door to remain locked in the event of loss of power, with key override.
 Motion sensor located on secure side of door to allow for authorized egress, shunting door position switch.
 Material supplier and security contractor to review power supply requirements when all electrified device manufacturers, power requirements, and distance factors are known.
 Reader and reader power supply security contractor.
 Wiring by electrical contractor and/or security contractor.

II. Set: 34.0

Doors: 101B.1, 101D

2 Continuous Hinges	CFMxxSLF-HD1 x EPT Prep	PE
2 Finger Guards (Push Side)	Finger Defender by Fingerguard USA	00
2 Exit Devices (Svr, Night Latch, Elec Latch Retract.)	55 56 NB8710 x 306 Thumb Turn x Pull by Other (Less Bottom Rod)	SA
2 Pulls	BF 106 x Mtg-Type 5)	RO
2 Door Closers (HD Arm with Stop Holder, Pull Side)	281 SPSH	SA
2 Kickplates	K1050 10" x 1" LDW B4E CSK	RO
1 Card Reader	Card Reader By Security Contractor	00
1 Push Button (Alternate)	PBA (Electrically Dogs Exits)	SU
1 Push Button (Momentary)	PB (To Release Exit / Verify Location)	SU
2 Electric Power Transfers	EL-CEPT (With Wires)	SU
1 Motion Sensor	XMS	SU
2 Door Position Switches	DPS-x-BK	SU
1 ElectroLynx Harness (Door)	QC-C206P	MK
1 ElectroLynx Harness (Frame)	QC-C1500P	MK
1 Power Supply	BPS-12/24-1	SU

Notes:

Access by card reader only.
 Door position switch to be wired into security system.
 Presentation of authorized card to reader sends a signal to exit device to electrically retract latch allowing entry, and shunting door position switch. Latch retraction signal to be removed after 10 seconds.
 Depressing crossbar from inside allows for immediate egress and shunts door position switch. Door to remain locked in the event of loss of power, with key override.
 Motion sensor located on secure side of door to allow for authorized egress, shunting door position switch.
 Material supplier and security contractor to review power supply requirements when all electrified device manufacturers, power requirements, and distance factors are known.
 Reader and reader power supply by security contractor.
 Wiring by electrical contractor and/or security contractor.
 Remote push button switch electrically retracts latch for 10 seconds allowing entry, and shunting door position switch. Leave remote push buttons at reception desk (Room 101C). Coordinate exact location with Owner.

JJ.	Set: 35.0		
	Doors: 100.2		
	2 Continuous Hinges	DFMxxSLF-HD1 x EPT Prep	PE
	2 Finger Guards (Push Side)	Finger Defender by Fingerguard USA	00
	1 Removable Mullion (Keyed)	L980S	SA
	1 Exit Device (Rim, Night Latch, Elec Latch Retrac.)	55 56 8504 x Pull by Other	SA
	1 Exit Device (Rim, Exit Only, Elec Latch Retraction)	55 56 8510 x Pull by Other	SA
	1 Cylinder	41 CMK	SA
	2 Pulls	RM202 x Mtg-Type 12XHD	RO
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Automatic Operator (Push Side)	6970L (HR)	NO
	2 Door Switches	660	NO
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
	1 Card Reader	Card Reader By Security Contractor	00
	1 Push Button (Momentary)	PB (To Release Exit / Verify Location)	SU
	2 Electric Power Transfers	EL-CEPT (With Wires)	SU
	1 Motion Sensor	XMS	SU
	2 Door Position Switches	DPS-x-BK	SU
	2 ElectroLynx Harnesses (Door)	QC-C206P	MK
	2 ElectroLynx Harnesses (Frame)	QC-C1500P	MK
	1 Power Supply	BPS-24-2	YA
	1 Mullion Seal	HFS1000	PE

Notes:

Carder and intercom system with remote unlocking.

Automatic operators to be wired into access control system.

Door position switch to be wired into security system.

Presentation of authorized card to reader sends a signal to exit device to electrically retract latch allowing entry, and shunting door position switch. Latch retraction signal to be removed after 10 seconds.

Depressing crossbar from inside allows for immediate egress and shunts door position switch. Door to remain locked in the event of loss of power, with key override.

Motion sensor located on secure side of door to allow for authorized egress, shunting door position switch.

Material supplier and security contractor to review power supply requirements when all electrified device manufacturers, power requirements, and distance factors are known.

Wiring by electrical contractor and/or security contractor.

Reader and reader power supply by security contractor.

Remote push button switch electrically retracts latch for 10 seconds allowing entry, and shunting door position switch. Locate remote push button at reception desk (Room 101C). Coordinate exact mounting with Owner.

KK.	Set: 36.0		
	Doors: 100.1		
	2 Continuous Hinges	DFMxxSLF-HD1 x EPT Prep	PE
	2 Finger Guards (Push Side)	Finger Defender by Fingerguard USA	00
	1 Removable Mullion (Keyed)	L980S	SA
	1 Exit Device (Rim, Night Latch, Elec Latch Retract.)	55 56 8504 x Pull by Other	SA
	1 Exit Device (Rim, Exit Only, Elec Latch Retraction)	55 56 8510 x Pull by Other	SA
	1 Cylinder	41 CMK	SA
	2 Pulls	RM202 x Mtg-Type 12XHD	RO
	1 Door Closer (HD Arm with Stop, Push Side)	281 CPS	SA
	1 Drop Plate	281D	SA
	1 Spacer	581-2	SA
	1 Automatic Operator (Push Side)	6970L (HR)	NO
	2 Door Switches	660	NO
	1 Threshold	171D	PE
	2 Sweeps with Drip	345D	PE
	1 Weatherstrip	Weatherstripping by Door and Frame Supplier	00
	1 Card Reader	Card Reader By Security Contractor	00
	1 Push Button (Momentary)	PB (To Release Exit / Verify Location)	SU
	1 Push Button (Alternate)	PBA (To Electrically Dog Exits / Verify Location)	SU
	2 Electric Power Transfers	EL-CEPT (With Wires)	SU
	1 Motion Sensor	XMS	SU
	2 Door Position Switches	DPS-x-BK	SU
	2 ElectroLynx Harnesses (Door)	QC-C206P	MK
	2 ElectroLynx Harnesses (Frame)	QC-C1500P	MK
	1 Power Supply	BPS-24-2	YA
	1 Mullion Seal	HFS1000	PE

Notes:

Automatic operator's to be wired into access control system.

Door position switch to be wired into security system.

Presentation of authorized card to reader sends a signal to exit device to electrically retract latch allowing entry, and shunting door position switch. Latch retraction signal to be removed after 10 seconds.

Depressing crossbar from inside allows for immediate egress and shunts door position switch. Door to remain locked in the event of loss of power, with key override.

Motion sensor located on secure side of door to allow for authorized egress, shunting door position switch.

Material supplier and security contractor to review power supply requirements when all electrified device manufacturers, power requirements, and distance factors are known.

Reader and reader power supply by security contractor.

Wiring by electrical contractor and/or security contractor.

Remote push button switch electrically retracts latch for 10 seconds allowing entry, and shunting door position switch. Locate remote push buttons at reception desk (101C). Verify exact mounting with Owner.

END OF SECTION 08 71 00

SECTION 09 30 33 - STONE TILING

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 DEFINITIONS:
- A. Dimension Stone Tile: Modular stone units less than 3/4 inch thick.
 - B. Module Size: Actual tile size plus joint width.
 - C. Honed Finish: Smooth, nonreflective surface similar to that produced by grinding with a 400- to 1200-grit abrasive; with a gap not exceeding 0.005 inch when faces are tested for flatness with a 24-inch straightedge.
 - D. Natural-Cleft Finish: Uneven surface produced by splitting stone along a natural cleavage plane; without visible tool marks and with a gap not exceeding 3/16 inch when faces are tested for flatness with a 24-inch straightedge.
- 1.3 QUALITY ASSURANCE:
- A. Supplier Qualifications: A firm experienced in supplying products similar to those indicated for the Project and with a record of successful in-service performance.
 - B. Source Limitations for Stone Tile: Obtain each stone product type through single source from single producer.
 - 1. For each stone product type, provide one stone variety.
 - 2. Where two or more stone product types are identical except for size or finish, provide same variety for each type.
 - 3. Obtain each variety of stone from same location in a single quarry with resources to provide materials of consistent quality in appearance and physical properties.
 - C. Source Limitations for Setting and Grouting Materials: Obtain ingredients of a uniform quality for each mortar, adhesive, and grout component from single manufacturer and each aggregate from single source or producer.
- 1.4 DELIVERY, STORAGE, AND HANDLING:
- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use.
 - B. Store stone tile and cementitious materials on elevated platforms, under cover, and in a dry location.
 - C. Store aggregates where grading and other required characteristics can be maintained and contamination can be avoided.
 - D. Store liquid materials in unopened containers and protected from freezing.
- 1.5 PROJECT CONDITIONS:
- A. Environmental Limitations: Do not install stone tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 MANUFACTURES:

- A. Acceptable Tile Manufacturer: Dalittle; 12008 Paortal Road #104 La Vista, NE 68128. Tel: (402) 597-2800.

2.2 STONE PRODUCTS:

- A. Varieties and Sources: Subject to compliance with requirements, provide those indicated.
- B. Provide stone products that are free of defects impairing their function for use indicated, including cracks, seams, and starts.
- C. Tile: Daltile Manufactured Stone – Mystic Silver MS82

2.3 SETTING MATERIALS:

- A. Portland Cement Mortar (Thickset) Installation Materials: ANSI A108.02.
 - 1. Reinforcing Wire Fabric: Galvanized, welded wire fabric, 2 by 2 inches by 0.062 inch in diameter; comply with ASTM A 185/A 185M and ASTM A 82/A 82M except for minimum wire size.
 - 2. Latex Additive: Manufacturer's standard water emulsion, serving as replacement for part or all of gaging water, of type specifically recommended by latex-additive manufacturer for use with field-mixed Portland cement and aggregate mortar bed.

2.4 ELASTOMERIC SEALANTS:

- A. General: Provide sealants, primers, backer rods, and other sealant accessories that comply with the following requirements and with the applicable requirements in Division 07 Section "Joint Sealants" and that do not stain stone.
 - 1. Use primers, backer rods, and sealant accessories recommended by sealant manufacturer.
- B. Colors: Provide colors of exposed sealants to match colors of grout in stone tile adjoining sealed joints unless otherwise indicated.

2.5 FABRICATION:

- A. Facial Dimensions of Stone Tiles with Honed Faces: Do not vary facial dimensions from specified dimensions by more than plus or minus 1/64 inch.
- B. Thickness of Stone Tiles with Honed Finish: Do not vary from specified thickness by more than plus or minus 1/32 inch.
- C. Joint Surfaces: Except for specified beveled or eased edges if any, dress joint surfaces square for full depth of stone tile.
- D. Backs of Pieces: Gage units by dressing backs of pieces smooth and flat. When tested with a 24-inch straightedge, gap shall not exceed 1/32 inch.

2.6 MIXING MORTARS AND GROUT:

- A. Mix mortars and grouts to comply with referenced standards and with mortar and grout manufacturers' written instructions.
- B. Add materials, water, and additives in accurate proportions.

- C. Use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Examine substrates, areas, and conditions where stone tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of installed stone tile.
 - 1. Verify that substrates for setting stone tile are firm, dry, clean, and free of coatings that are incompatible with tile-setting materials including curing compounds and other substances that contain soap, wax, oil, or silicone, and that they comply with flatness tolerances required by ANSI A108.01 for installations indicated.
 - 2. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind stone tile has been completed.
 - 3. Verify that joints and cracks in stone tile substrates are coordinated with stone tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION:

- A. Lay out stone tile patterns by marking joint lines on substrates to verify joint placement.
 - 1. Notify Architect seven days in advance of dates and times when layout will be done.
 - 2. Obtain Architect's approval of layout before starting stone tile installation.
- B. Lay out stone tiles on substrates or on an adjacent surface to establish placement of individual stone tiles for balance of color and pattern variations.
 - 1. Notify Architect seven days in advance of dates and times when layout will be done.
 - 2. Architect may relocate specific stone tiles with other stone tiles of same type and will determine final location of each stone tile within indicated patterns.

3.3 STONE TILE INSTALLATION:

- A. Comply with TCA's "Handbook for Ceramic Tile Installation" for TCA installation methods specified in stone tile installation schedules. Comply with parts of the ANSI A108 Series "Specifications for Installation of Ceramic Tile" that are referenced in TCA installation methods specified in stone tile installation schedules, and apply to types of setting and grouting materials used.
 - 1. For the following installations, follow procedures in the ANSI A108 Series of tile installation standards for providing 95 percent mortar coverage:
 - a. Exterior stone tile floors.
 - b. Stone tile floors in wet areas.
 - c. Stone tile floors composed of stone tiles 8 by 8 inches or larger.
- B. Wipe backs of stone tiles with a damp cloth to remove dirt and dust before units are installed.

- C. Extend stone tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
 - D. Accurately form intersections and returns. Perform cutting and drilling of stone tile without marring visible surfaces. Carefully grind cut edges of stone tile abutting trim, finish, or built-in items for straight aligned joints.
 - E. Finish cut stone tile edges that will not be concealed by other construction by grinding and honing cut surfaces and easing edges to match factory-fabricated edges unless otherwise indicated.
 - F. Jointing Pattern: Lay stone tile in grid pattern unless otherwise indicated. Lay out stone tile work and center stone tile fields in both directions in each space or on each wall area. Lay out stone tile work to minimize the use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.
 - G. Match stone tiles within each space by selecting tiles to achieve uniformity of color and pattern. Reject or relocate stone tiles that do not match color and pattern of adjacent tiles.
 - H. Mix stone tiles to achieve a uniformly random distribution of color shadings and patterns.
 - I. Pattern Orientation: For stone varieties with directional pattern, orient pattern as directed by Architect.
- 3.4 TILE BACKING PANEL INSTALLATION: Install panels and treat joints according to ANSI A108.11 and manufacturer's written instructions for type of application indicated. Use latex-Portland cement mortar for bonding material unless otherwise directed in manufacturer's written instructions.
- 3.5 INSTALLATION TOLERANCES:
- A. Variation in Plane between Adjacent Units (Lipping): Do not exceed the following differences between faces of adjacent units as measured from a straightedge parallel to stone tiled surface:
 - 1. Units with Honed Faces: 1/64 inch.
 - B. Variation in Joint Width: Do not vary joint thickness more than 1/16 inch or one-fourth of nominal joint width, whichever is less.
 - C. Hand-Tight Joints: Do not exceed 1/64 inch.
- 3.6 ADJUSTING AND CLEANING:
- A. Remove and replace material that is stained or otherwise damaged or that does not match adjoining stone tile. Provide new matching units, installed as specified and in a manner to eliminate evidence of replacement.
 - B. Cleaning: On completion of placement and grouting, clean stone tile surfaces so they are free of foreign matter.
 - 1. Remove latex-Portland cement grout residue from stone tile as soon as possible.
 - 2. Clean grout smears and haze from stone tile according to stone tile and grout manufacturer's written instructions but no sooner than 10 days after installation. Use only cleaners recommended by stone tile and grout manufacturers and only after determining that cleaners are safe to use by testing on samples of stone tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.

3. Remove temporary protective coating by method recommended by coating manufacturer and acceptable to stone tile and grout manufacturer. Do not remove floor sealer if used as protective coating.
- C. Apply sealer to cleaned stone tiling according to sealer manufacturer's written instructions.

END OF SECTION 09 30 33

SECTION 09 54 23 - LINEAR METAL CEILINGS

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY: Section includes strip linear metal pans and suspension systems for ceilings.
- 1.3 DEFINITIONS:
- A. NRC: Noise Reduction Coefficient.
- 1.4 ACTION SUBMITTALS:
- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For components with factory-applied color and other decorative finishes.
- C. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of size indicated below:
1. Linear Metal Pan: Set of 12-inch-long Samples of each type and color and a 12-inch-long spliced section.
 2. Suspension System Members: 12-inch-long Sample of each type.
 3. Exposed Molding and Trim: Set of 12-inch-long Samples of each type, finish, and color.
 4. Sound Absorber: 12 inches long.
- 1.5 INFORMATIONAL SUBMITTALS
- A. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:
1. Linear pattern.
 2. Joint pattern.
 3. Ceiling-mounted items including light fixtures, diffusers, grilles, speakers, sprinklers, and access panels.
 4. Ceiling perimeter and penetrations through ceiling; trim and moldings.
 5. Minimum Drawing Scale: 1/8 inch = 1 foot.
- 1.6 CLOSEOUT SUBMITTALS:
- A. Maintenance Data: For finishes to include in maintenance manuals.
- 1.7 MAINTENANCE MATERIAL SUBMITTALS
- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Linear Metal Ceiling Components: Quantity of each pan, carrier, accessory, and exposed molding and trim equal to 2 percent of quantity installed.

1.8 QUALITY ASSURANCE:

- A. Source Limitations: Obtain each set of linear metal pans and suspension systems from one source with resources to provide products of consistent quality in appearance, physical properties, and performance.
- B. Surface-Burning Characteristics: Complying with ASTM E 1264 for Class A materials, as determined by testing identical products according to ASTM E 84 by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.
- C. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.
- D. Preinstallation Conference: Conduct conference at Project site.

1.9 DELIVERY, STORAGE, AND HANDLING:

- A. Deliver linear metal pans, suspension system components, and accessories to Project site in original, unopened packages and store them in a fully enclosed, conditioned space where they will be protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.
- B. Handle linear metal pans, suspension system components, and accessories carefully to avoid damaging units and finishes in any way.

1.10 PROJECT CONDITIONS:

- A. Environmental Limitations: Do not install linear metal ceilings until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.11 COORDINATION: Coordinate layout and installation of linear metal pans and suspension system with other construction that penetrates ceilings or is supported by them, including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

PART 2 - PRODUCTS

2.1 LINEAR METAL CEILING PANS

- A. Sheet Metal Characteristics: For metal components exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, roughness, stains, or discolorations.
 - 1. Aluminum Sheet: Roll-formed aluminum sheet, complying with ASTM B 209; alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
 - 2. Steel Sheet: Commercial-quality, cold-rolled, carbon-steel sheet; stretcher leveled; with protective coating complying with ASTM C 635.
 - a. Painted Finishes: Electrolytic zinc-coated steel complying with ASTM A 591/A 591M, 40Z coating; surface treatment as recommended by finish manufacturer for type of use and finish indicated.

- B. Pan Fabrication: Manufacturer's standard units of size, profile, and edge treatment indicated, formed from metal indicated to snap on and be securely retained on carriers without separate fasteners, and finished to comply with requirements indicated.
- C. Pan Splices: Construction same as pans, in lengths 8 to 12 inches; with manufacturer's standard finish.
- D. Moldings and Trim: Provide manufacturer's standard moldings and trim for exposed members, and as indicated or required, for edges and penetrations of ceiling, around fixtures, at changes in ceiling height, and for other conditions; of same metal and finish as linear metal ceiling pans.
- E. Sound-Absorbent Pads: Provide width and length to completely fill between carriers, joined at center of panel, with surface-burning characteristics for flame-spread index of 25 or less and smoke-developed index of 50 or less, as determined by testing per ASTM E 84, and to comply with the following requirements:
 - 1. Plastic Sheet-Wrapped Mineral-Fiber Insulation: Pads consisting of nonrigid, PVC plastic sheet encapsulating unfaced mineral-fiber insulation complying with ASTM C 553, Type I, II, or III, and as follows:
 - a. Mineral-Fiber Type and Thickness: Glass fiber; 1-1/2 inches.
 - b. Plastic Sheet Thickness and Color: Not less than 0.003 inch; flat black.

2.2 METAL SUSPENSION SYSTEMS:

- A. Metal Suspension Systems Standard: Provide ceiling manufacturer's standard metal suspension systems of types and finishes indicated that comply with applicable ASTM C 635 requirements.
- B. Suspension Systems: Provide systems complete with carriers, splice sections, connector clips, alignment clips, leveling clips, hangers, molding, trim, retention clips, load-resisting struts, fixture adapters, and other suspension components required to support ceiling units and other ceiling-supported construction.
- C. Attachment Devices: Size for five times the design load indicated in ASTM C 635, Table 1, Direct Hung, unless otherwise indicated.
- D. Wire Hangers, Braces, and Ties: Provide wire complying with the following requirements:
 - 1. Zinc-Coated, Carbon-Steel Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper.
 - 2. Nickel-Copper-Alloy Wire: ASTM B 164, nickel-copper-alloy UNS No. N04400.
 - 3. Size: Select wire diameter so its stress at 3 times the hanger design load indicated in ASTM C 635, Table 1, Direct Hung will be less than yield stress of wire, but provide not less than 0.135-inch-diameter wire.
- E. Hanger Rods or Flat Hangers: Mild steel, zinc coated or protected with rust-inhibitive paint.
- F. Carriers: Factory finished with matte-black baked finish.
 - 1. Main Carriers: Steel, not less than 0.0209-inch nominal thickness, cold-rolled sheet, with factory-applied protective coating, complying with ASTM C 635.
 - a. Electrolytic Zinc-Coated Steel: ASTM A 591/A 591M, not less than 80Z zinc coating.
- G. Carrier Splices: Same metal, profile, and finish as indicated for carriers.
- H. Stabilizer Channels, Tees, and Bars: Manufacturer's standard components for stabilizing main carriers at regular intervals and at light fixtures, air-distribution equipment, access doors, and other equipment; spaced as standard with manufacturer for use indicated; and factory finished with matte-black baked finish.

2.3 ALUMINUM PANS AND SUSPENSION SYSTEM FOR LINEAR METAL CEILING - TYPE 6:

A. Aluminum Pans and Suspension System:

1. Basis-of-Design Product: Subject to compliance with requirements, provide Luxalon Box 4 Profile Linear Metal Ceiling System by Hunter Douglas, or a comparable product by one of the following:
 - a. Chicago Metallic Corporation.
 - b. Simplex Ceilings, a division of Intalite Inc.
 - c. USG Interiors, Inc.

B. Classification: Units complying with ASTM E 1264 for Type XIII, aluminum strips with mineral- or glass-fiber-base backing; Form 2, unperforated.

C. Pan Thickness: Not less than 0.025 inch.

D. Pan Edge Detail: Square.

E. Linear Module Width and Pan Face Width: 4-inch module width and 3-1/4-inch face width.

F. Pan Depth: 5/8 inch deep.

G. Pan Face Finish: Real wood veneer finish selected from manufacturer's full range of veneers.

H. End Cap, Finish of Exposed Portions: Manufacturer's standard finish.

I. Filler Strip Design: Slotted, for acoustical control.

J. NRC: Not less than 0.65.

K. Suspension-System Main-Carrier Material: Manufacturer's standard material and protective finish.

2.4 GENERAL FINISH REQUIREMENTS:

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.5 ALUMINUM FINISHES:

A. Color-Coated Finish: Manufacturer's standard baked paint finish complying with coating manufacturer's written instructions for surface preparation, pretreatment, application, baking, and minimum dry film thickness.

2.6 STEEL SHEET FINISHES

A. Electroplated Finish: Electroplating process complying with finish manufacturer's written instructions for surface preparation, pretreatment, process, and minimum thickness to produce a coating uniform in appearance and free of blisters, pits, roughness, nodules, burning, cracks, unplated areas, and other visible defects.

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Examine substrates, areas, and conditions, including structural framing and substrates to which linear metal ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of linear metal ceilings.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION: Measure each ceiling area and establish layout of linear metal pans to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width or -length pans at borders, and comply with layout shown on reflected ceiling plans and Coordination Drawings.

3.3 INSTALLATION:

- A. Comply with ASTM C 636 and seismic requirement indicated, per manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."
- B. Suspend ceiling hangers from building's structural members and as follows:
 - 1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
 - 2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
 - 3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices.
 - 4. Secure flat, angle, channel, and rod hangers to structure, including intermediate framing members, by attaching to inserts, eye screws, or other devices that are secure and appropriate for both structure to which hangers are attached and type of hanger involved. Install hangers in a manner that will not cause them to deteriorate or fail due to age, corrosion, or elevated temperatures.
 - 5. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.
 - 6. Space hangers not more than 48 inches o.c. along each member supported directly from hangers unless otherwise indicated; provide hangers not more than 8 inches from ends of each member.
 - 7. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.
- C. Install edge moldings and trim of type indicated at perimeter of linear metal ceiling area and where necessary to conceal edges and ends of linear metal pans.
 - 1. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet. Miter corners accurately and connect securely.
 - 2. Do not use exposed fasteners, including pop rivets, on moldings and trim.
- D. Install suspension system carriers so they are aligned and securely interlocked with one another. Remove and replace dented, bent, or kinked members.
- E. Cut linear metal pans for accurate fit at borders and at interruptions and penetrations by other work through ceilings. Stiffen edges of cut units as required to eliminate evidence of buckling or variations in flatness exceeding referenced standards for stretcher-leveled metal sheet.

- F. Install linear metal pans in coordination with suspension system and exposed moldings and trim.
1. Align joints in adjacent courses to form uniform, straight joints parallel to room axis in both directions unless otherwise indicated.
 2. Fit adjoining units to form flush, tight joints. Scribe and cut units for accurate fit at borders and around construction penetrating ceiling.
 3. Install pans with butt joints using internal pan splices and in the following joint configuration:
 - a. Staggered a minimum of 16 inches.
 4. Install sound-absorbent pads at right angle to metal pans so pads do not hang unsupported.
- 3.4 CLEANING: Clean exposed surfaces of linear metal ceilings, including trim and edge moldings after removing strippable, temporary protective covering if any. Comply with manufacturer's written instructions for stripping of temporary protective covering, cleaning, and touchup of minor finish damage. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage, including dented and bent units.

END OF SECTION 09 54 23

A.0

A

8

28

2 LAYERS OF STAGGERED
1" RIGID INSULATION

WALL PANELS - MP-3

AIR AND WEATHER BARRIER

5/8" EXT GRADE PLYWOOD

6" LIGHT GAUGE METAL FRAMING

2" RIGID INSULATION

6" LIGHT GAUGE METAL FRAMING

PC-1

6" LIGHT GAUGE METAL FRAMING

5/8" GB, PAINTED

STEEL COLUMN, SEE STRUCT.

PRECAST PANEL @ METAL PANEL

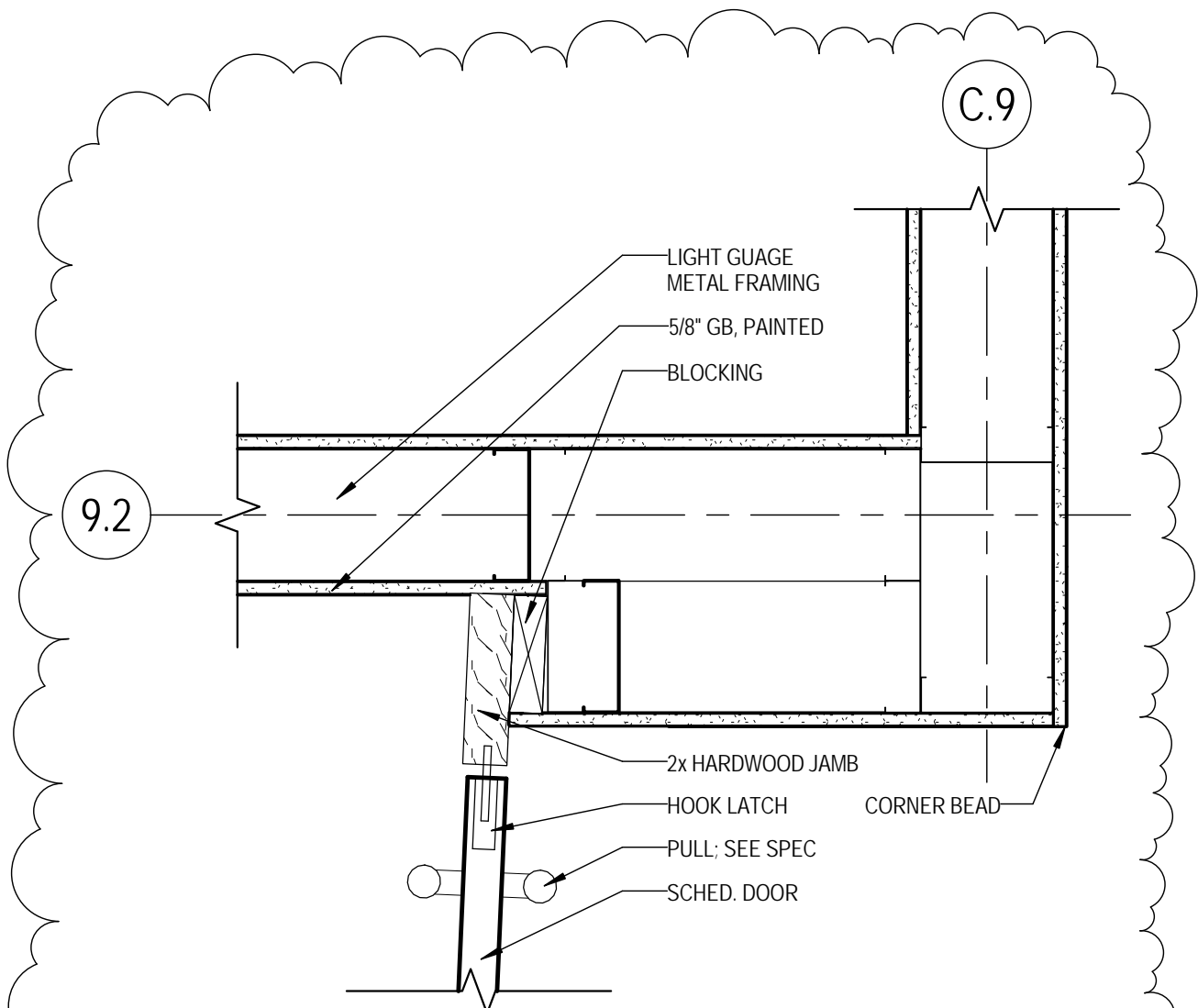
1 1/2" = 1'-0"



EDUCARE WINNEBAGO

DATE	12/07/12
MODIFICATION:	ADDENDUM F
REF'D SHEET:	A14.01
REF'D DETAIL:	28

2010.175.01
45.2
SDA-002



9.2

C.9

29

DOOR 140 JAMB

1 1/2" = 1'-0"

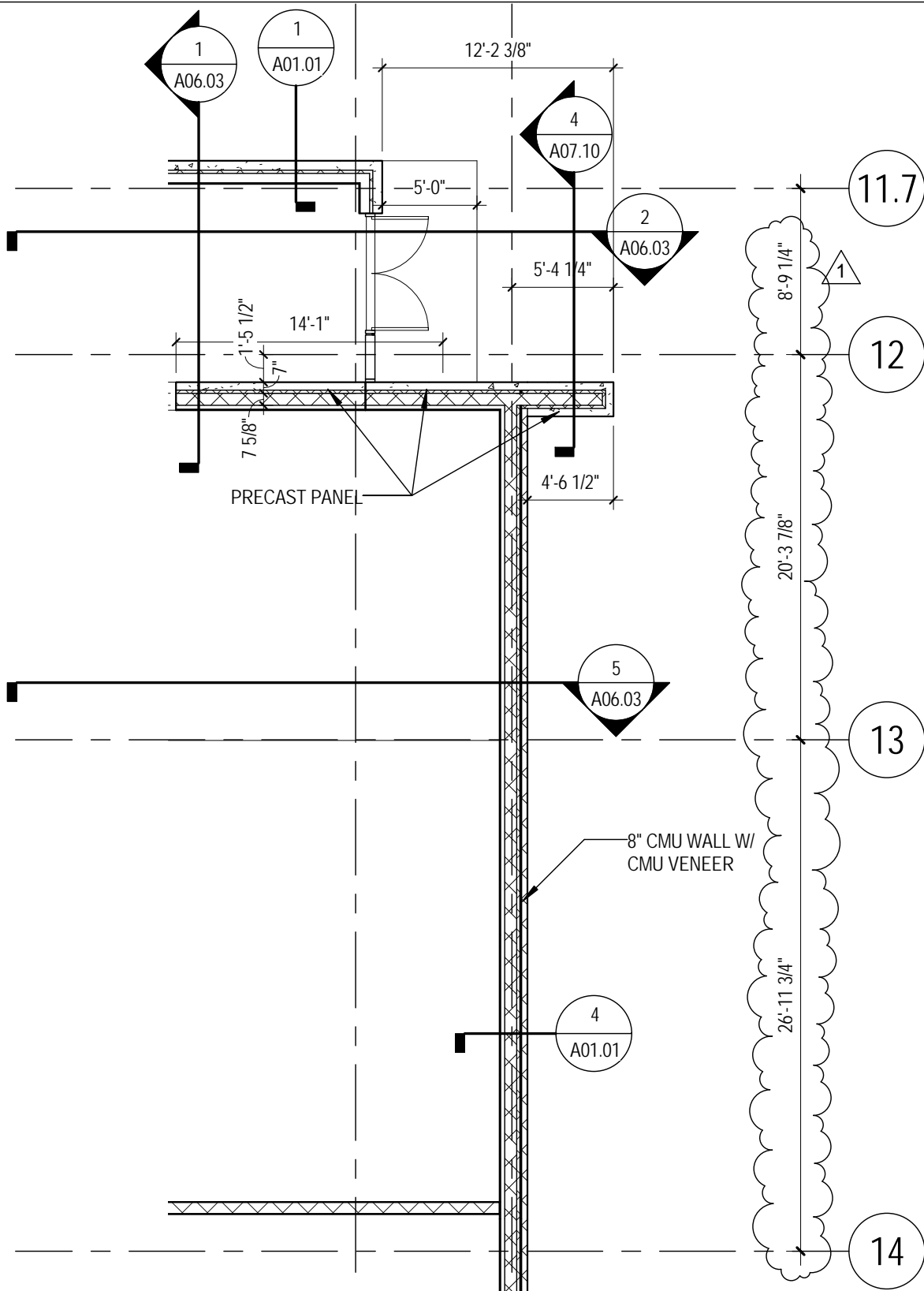
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**EDUCARE
WINNEBAGO**

DATE 12/07/12
 MODIFICATION: ADDENDUM F
 REF'D SHEET: A14.01
 REF'D DETAIL: 29

2010.175.01
 45.2
SDA-003



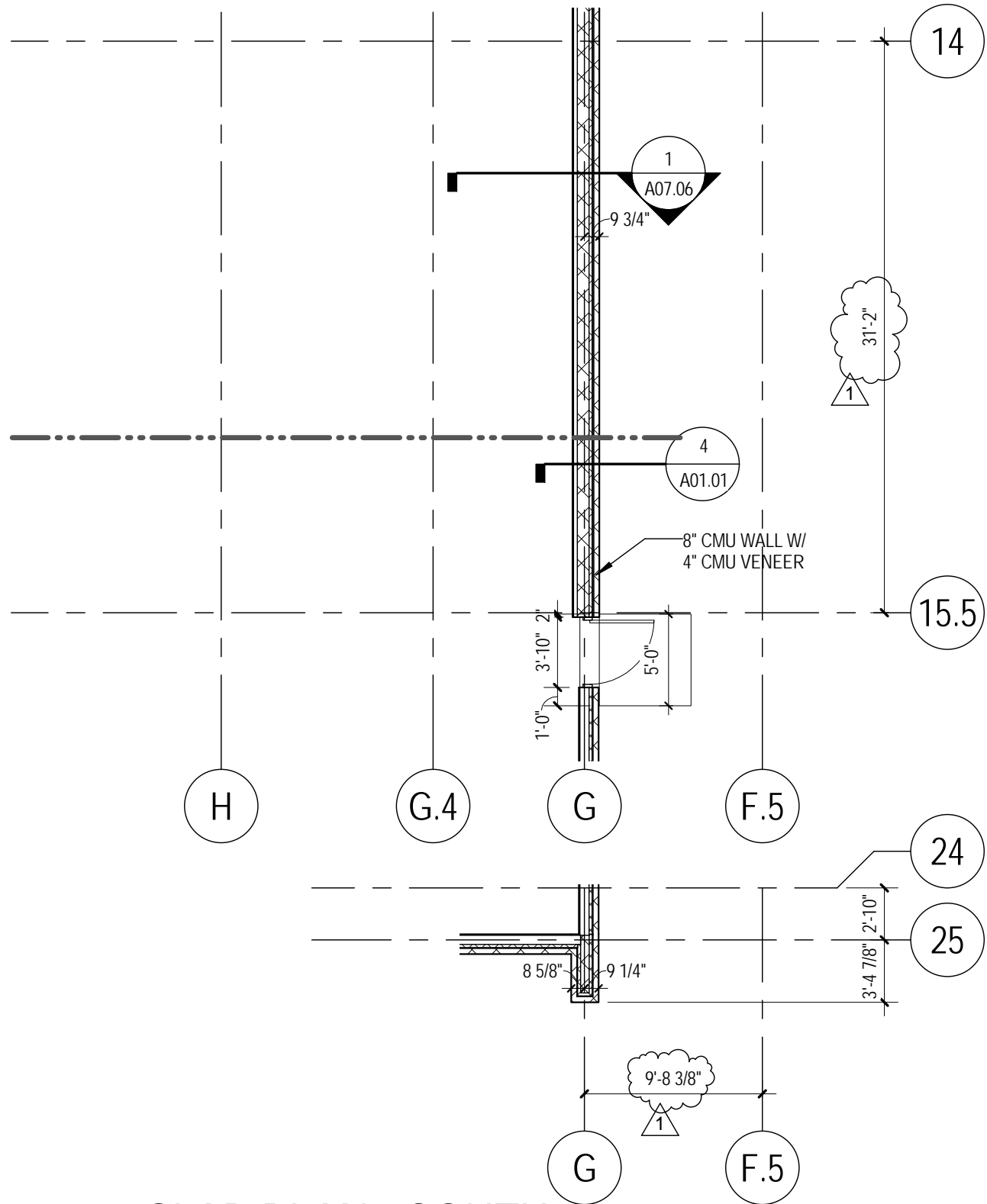
1 SLAB PLAN - NORTH
 1/8" = 1'-0"



**EDUCARE
 WINNEBAGO**

DATE 12/07/12
 MODIFICATION: ADDENDUM F
 REF'D SHEET: A01.01
 REF'D DETAIL: 1

2010.175.01
 45.2
SDA-004



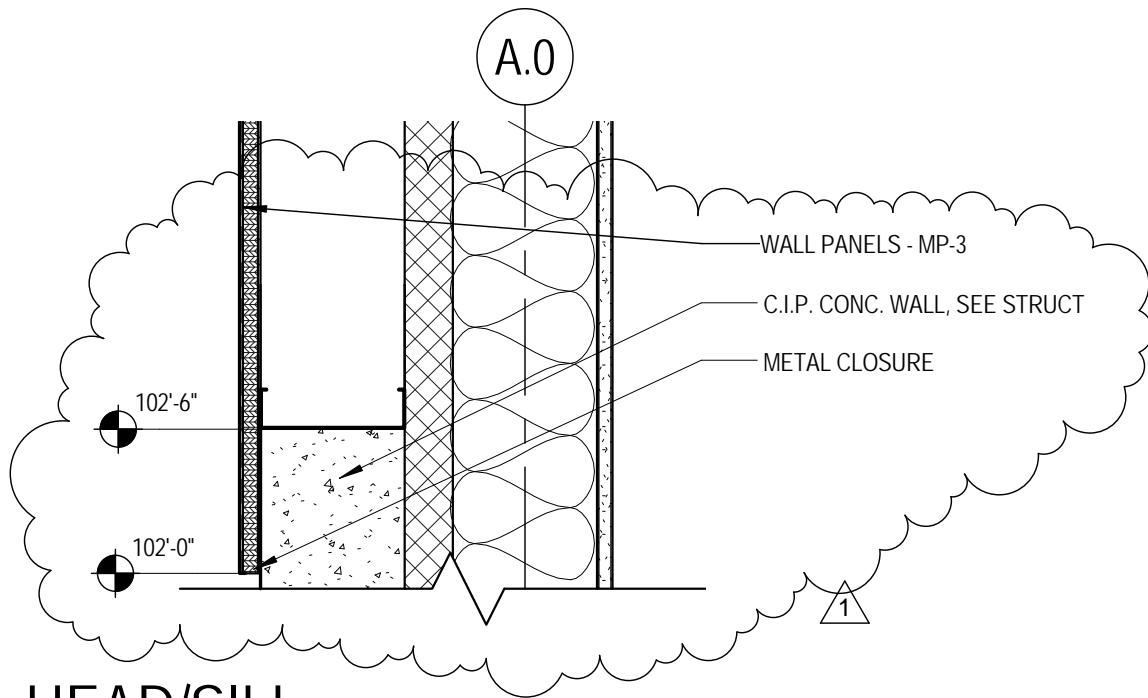
2 SLAB PLAN - SOUTH
 1/8" = 1'-0"



**EDUCARE
 WINNEBAGO**

DATE: 12/07/12
 MODIFICATION: ADDENDUM F
 REF'D SHEET: A01.02
 REF'D DETAIL: -

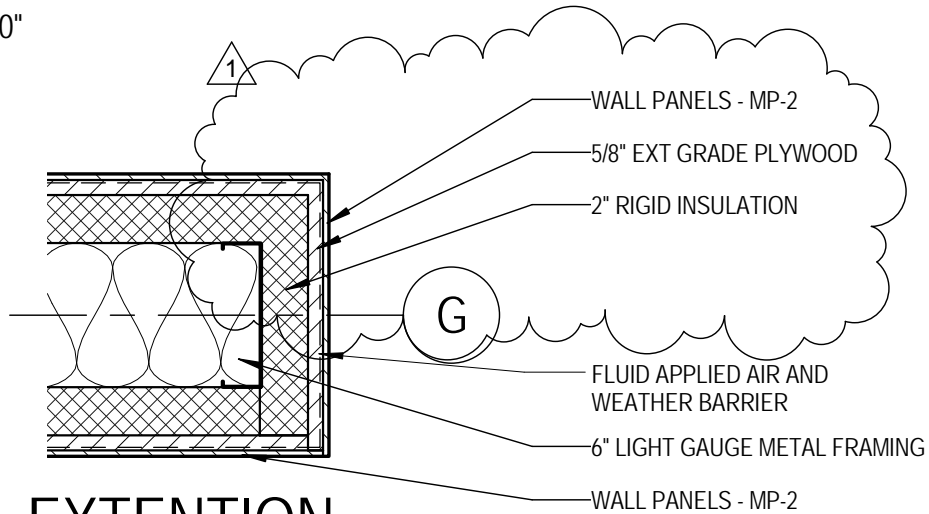
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 45.2
SDA-005



6

HEAD/SILL

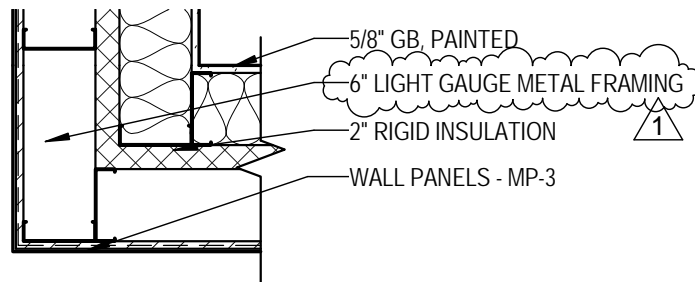
1 1/2" = 1'-0"



8

WALL EXTENTION

1 1/2" = 1'-0"



12

ENTRY CORTEN CORNER

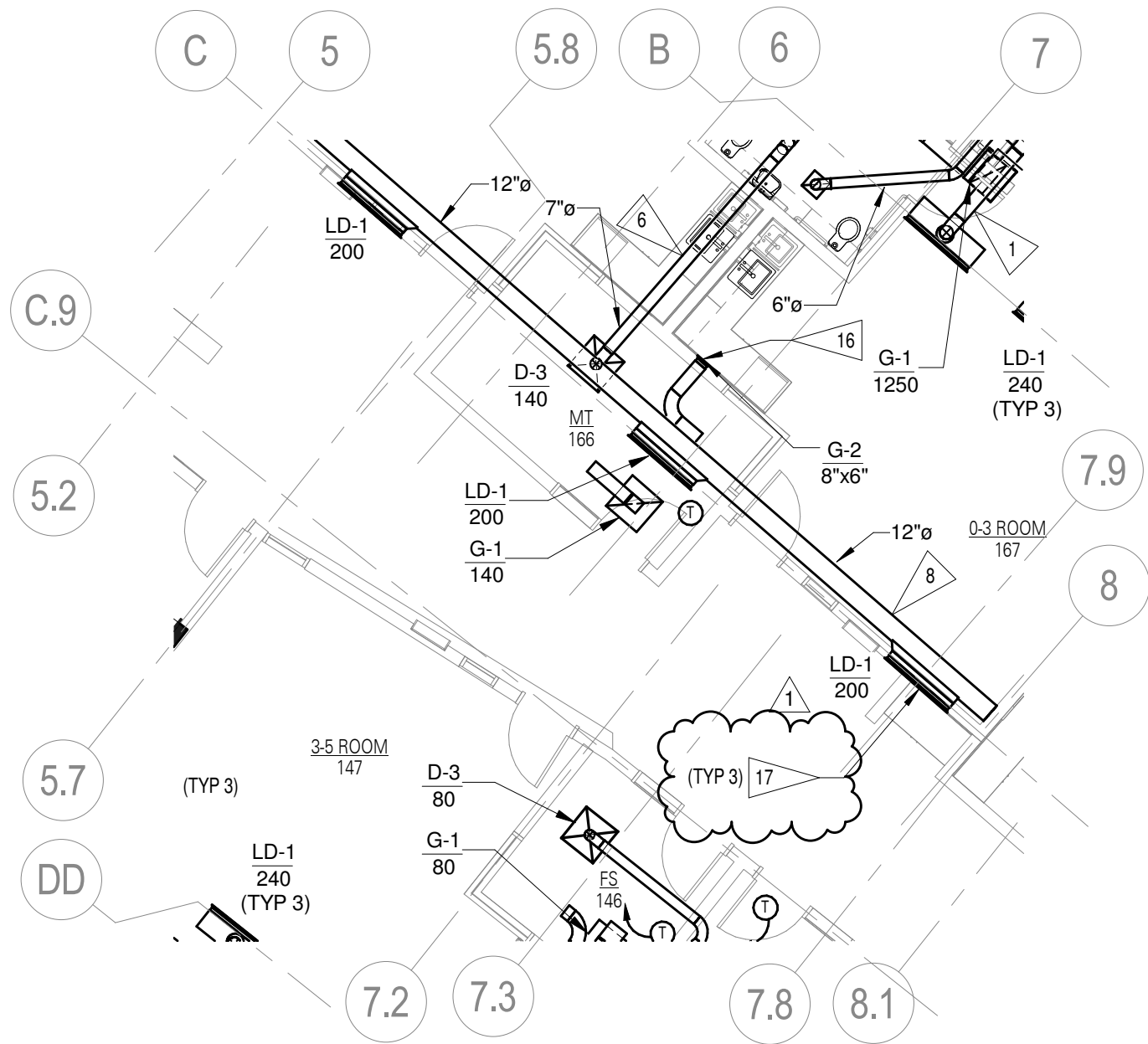
3/4" = 1'-0"

RDg...
PLANNING • DESIGN

**EDUCARE
WINNEBAGO**

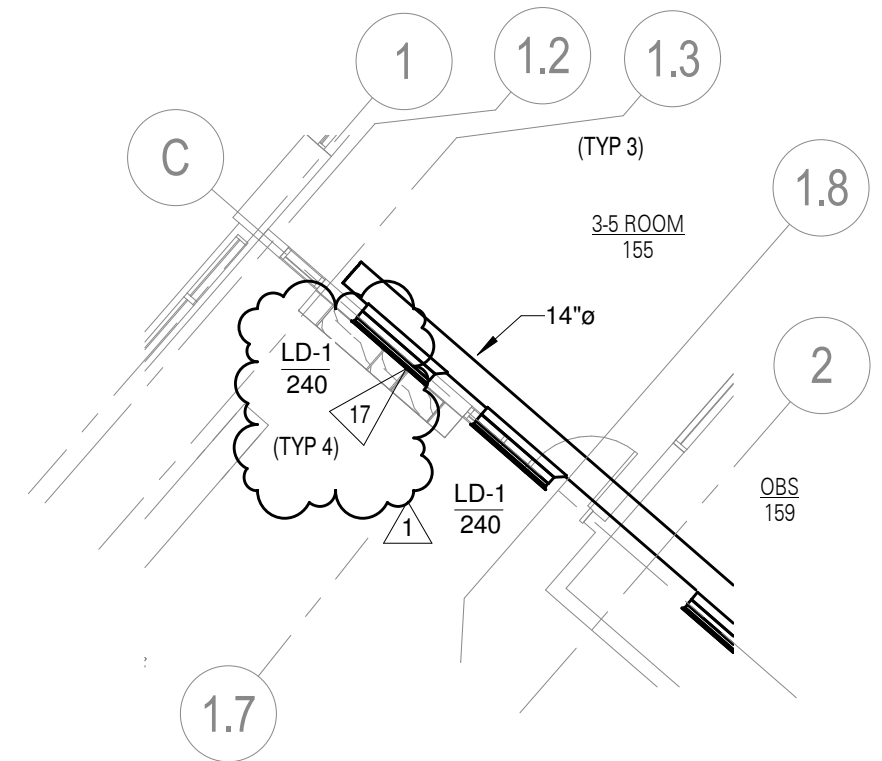
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REF'D SHEET: A02.05
REF'D DETAIL: 6/8/12

2010.175.01
45.2
SDA-006

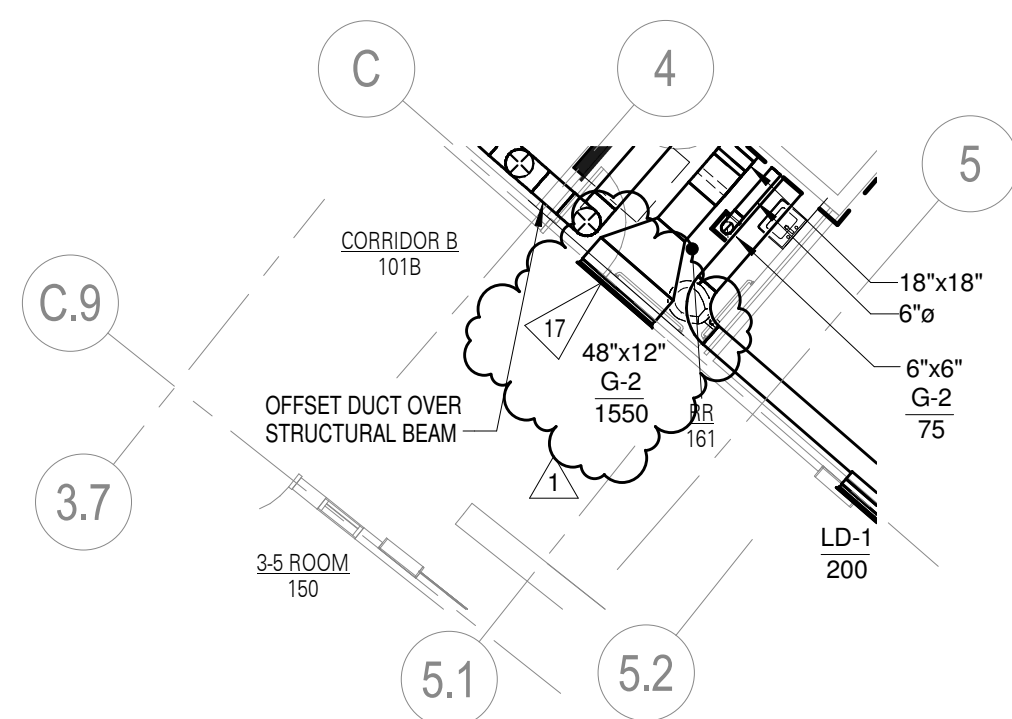


3 FLOOR PLAN - NORTH - HVAC
1/8" = 1'-0"

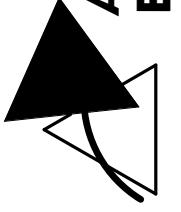
17
MOUNT BOTTOM OF LINEAR AIR DEVICE AT 11'-8" AFF.
COORDINATE FINAL HEIGHT WITH ARCHITECT BEFORE
INSTALLING.

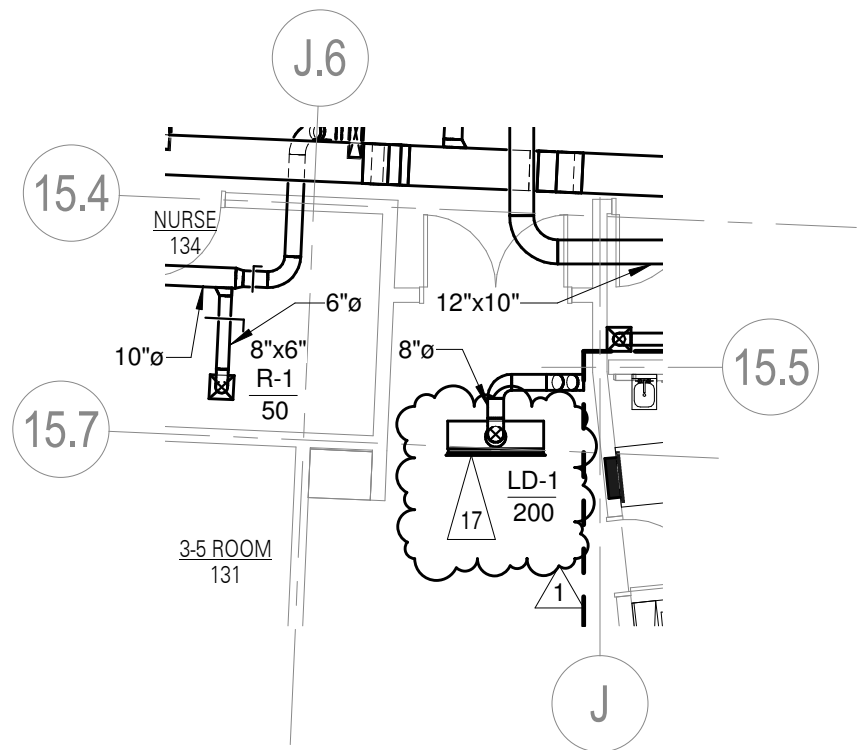


1 FLOOR PLAN - NORTH - HVAC
1/8" = 1'-0"

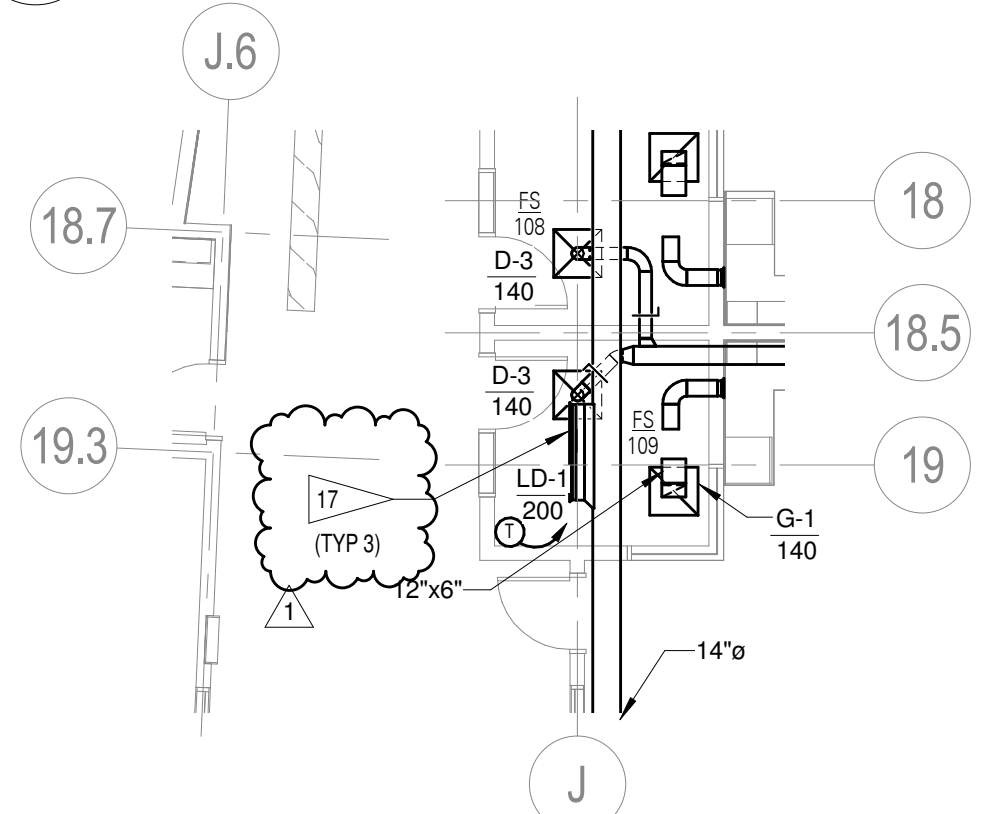


2 FLOOR PLAN - NORTH - HVAC
1/8" = 1'-0"

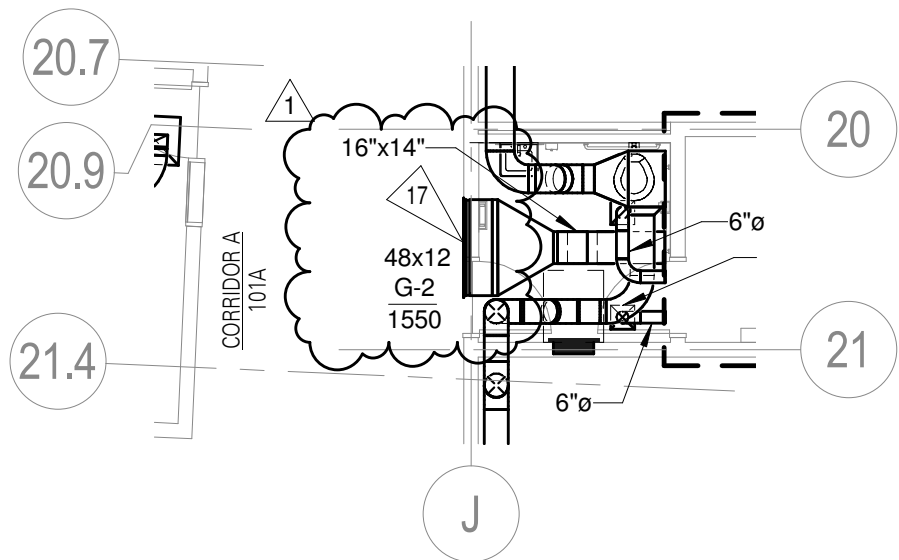
EDUCARE WINNEBAGO	SKETCH MS-1
	DRAWING REFERENCED: M01.01
PROJECT NUMBER 20122634	DATE 12-6-2012
ADDENDUM NO.: F	
 Alvine Engineering	



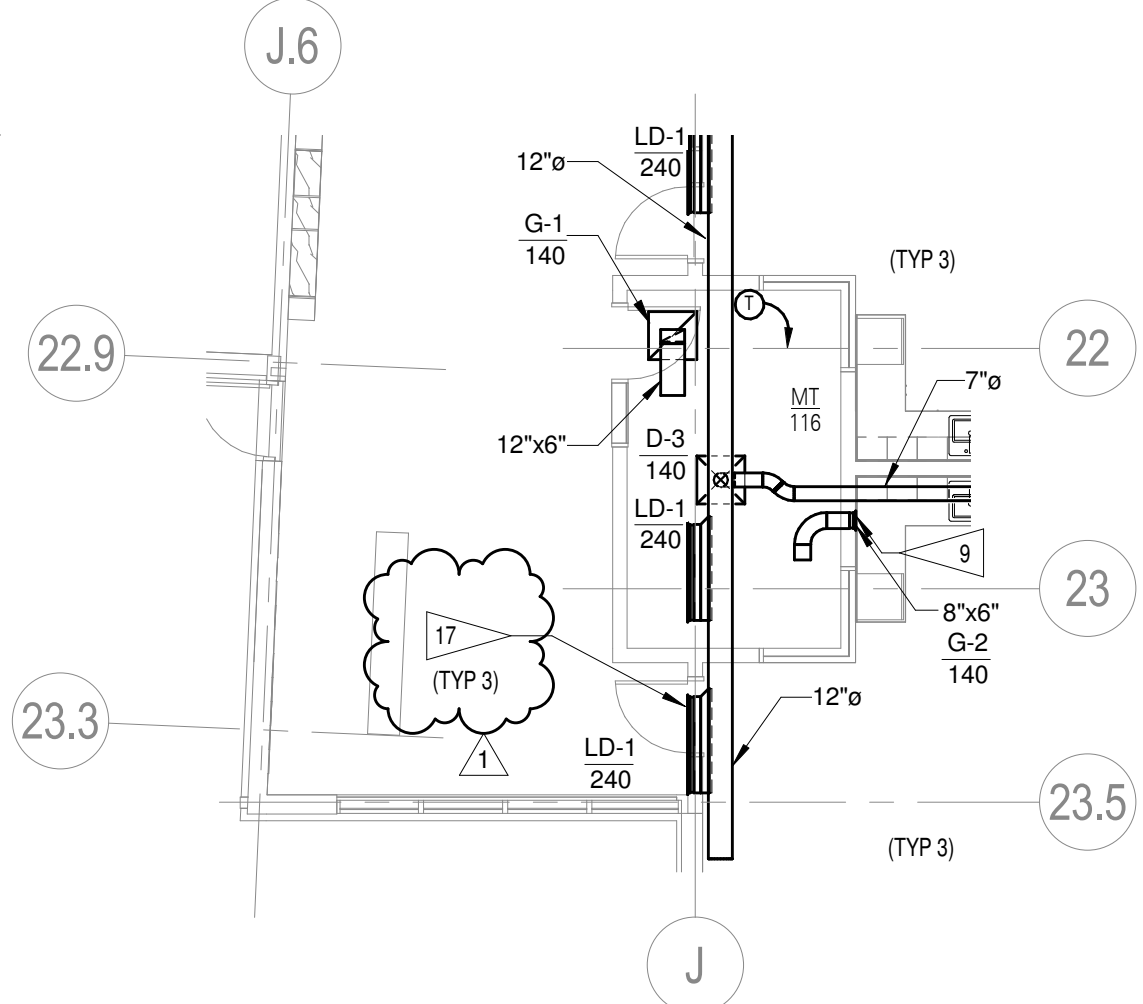
1 FLOOR PLAN - SOUTH - HVAC
1/8" = 1'-0"



3 FLOOR PLAN - SOUTH - HVAC
1/8" = 1'-0"

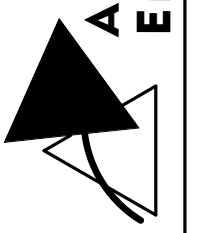


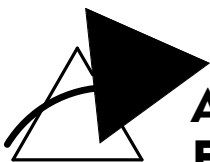
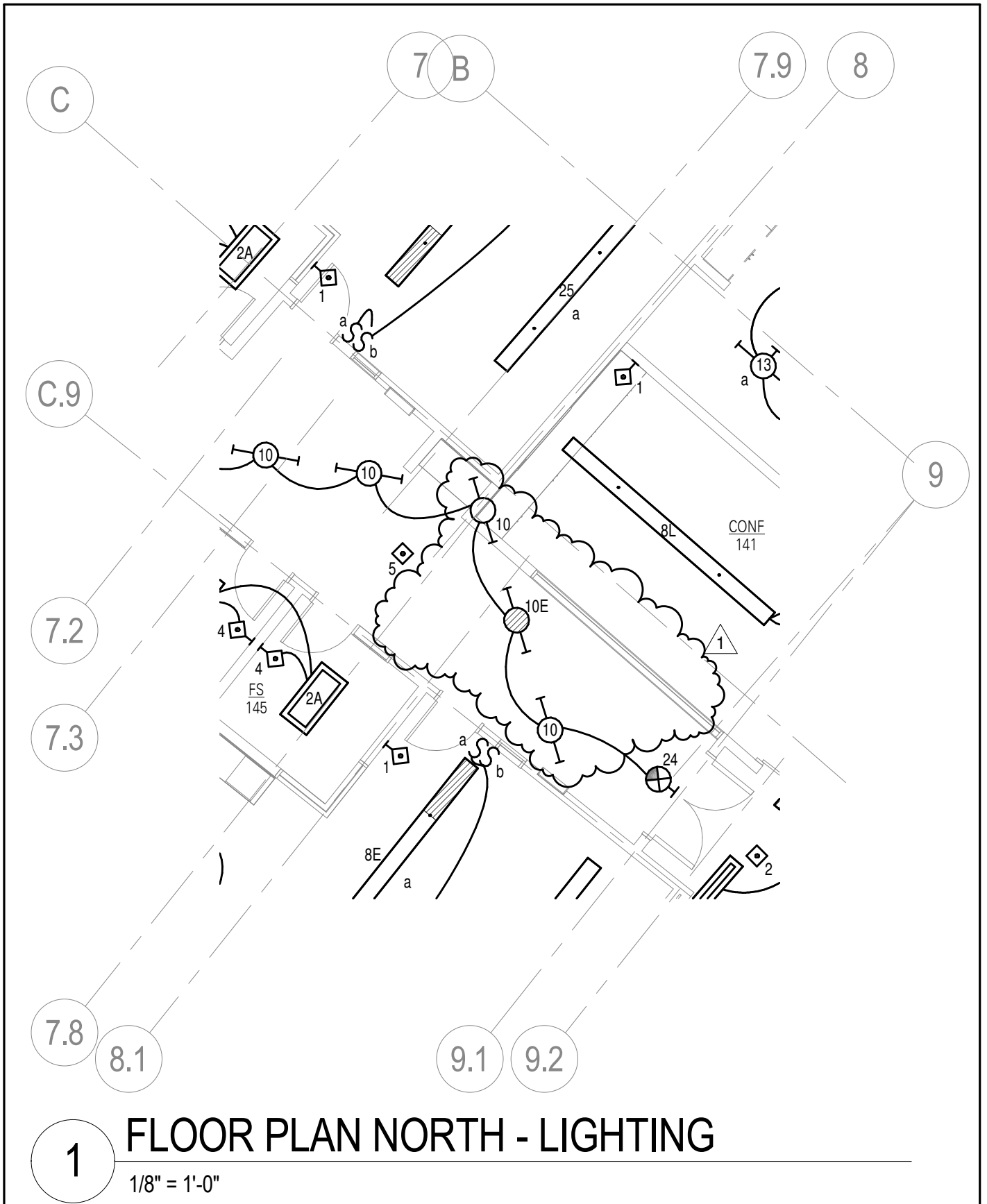
2 FLOOR PLAN - SOUTH - HVAC
1/8" = 1'-0"



4 FLOOR PLAN - SOUTH - HVAC
1/8" = 1'-0"

17 MOUNT BOTTOM OF LINEAR AIR DEVICE AT 11'-8" AFF. COORDINATE FINAL HEIGHT WITH ARCHITECT BEFORE INSTALLING.

EDUCARE WINNEBAGO	SKETCH	MS-2
	DRAWING REFERENCED:	M01.02
PROJECT NUMBER	DATE	ADDENDUM NO.:
20122634	12-6-2012	F
 Alvine Engineering		

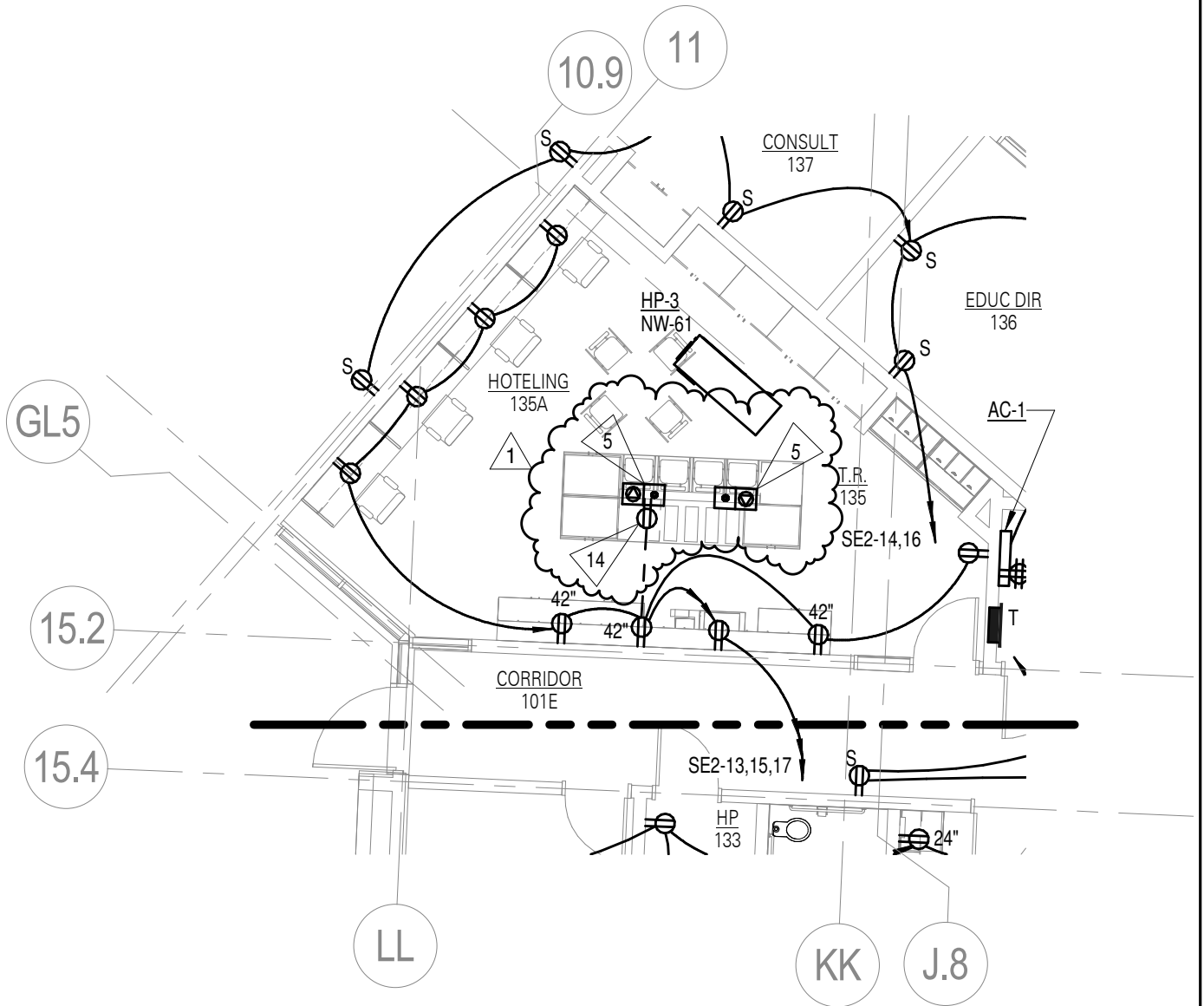


**Alvine
Engineering**

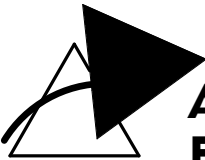
EDUCARE WINNEBAGO

PROJECT NO. 20122634	DATE 12/06/12	DRAWING REFERENCED: E01.01	SKETCH ES-1
		ADDENDUM NO.: F	

1 14 SURFACE MOUNT RECEPTACLE WITHIN CASEWORK FOR CABLE CUBBY PLUG AND CORD CONNECTION. VERIFY FINAL LOCATION WITHIN CASEWORK DETAILS.



1 FLOOR PLAN NORTH - POWER
1/8" = 1'-0"

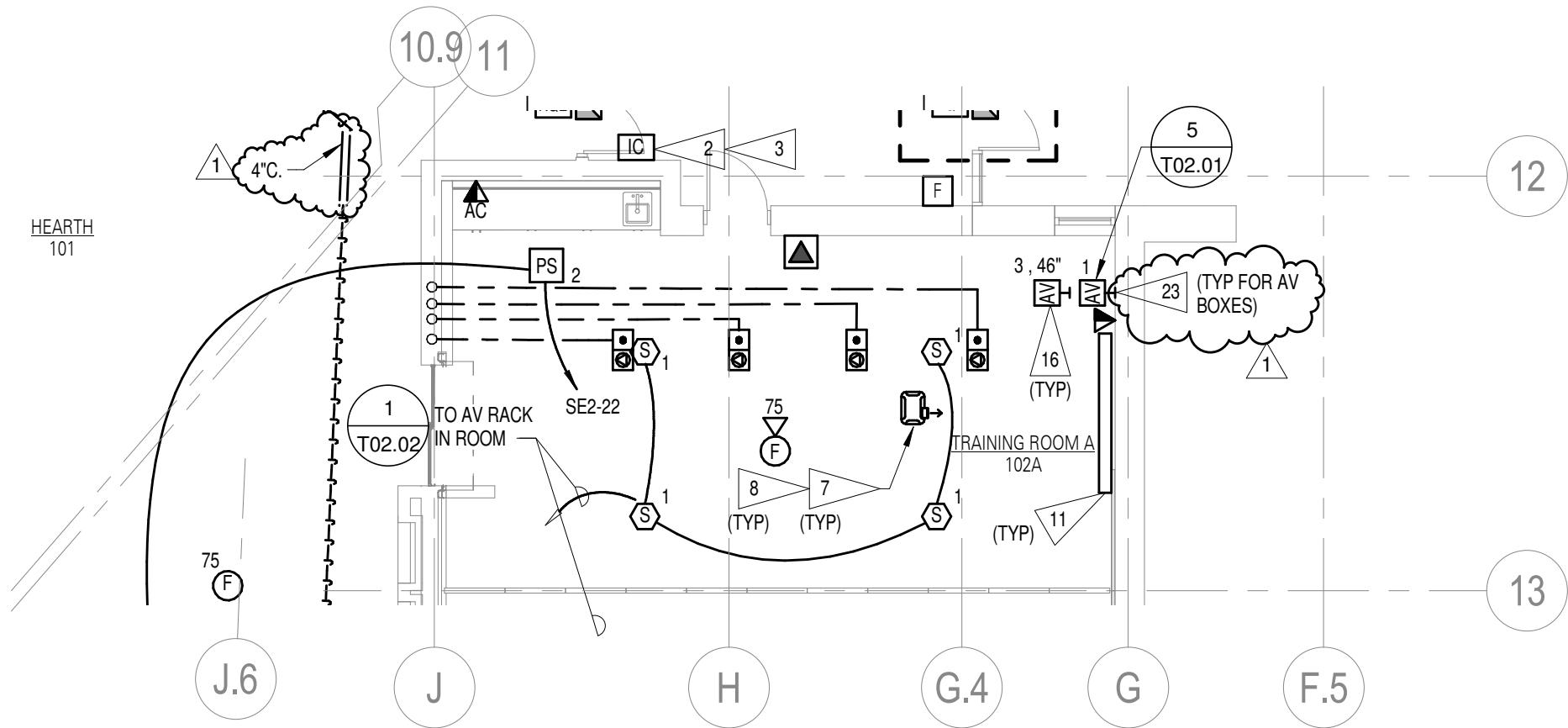


**Alvine
Engineering**

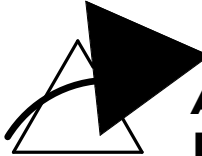
EDUCARE WINNEBAGO

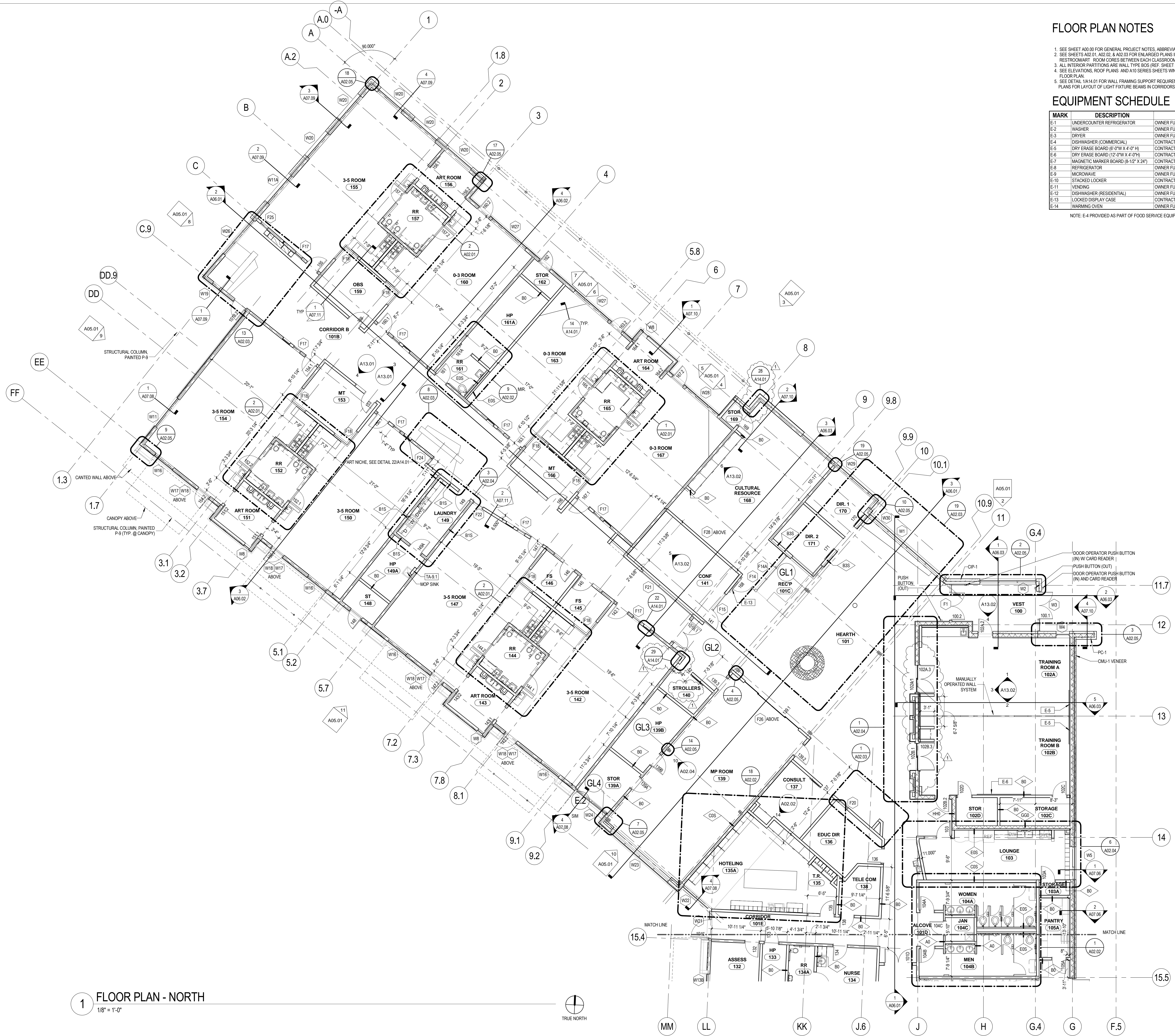
PROJECT NO. 20122634	DATE 12/06/12	DRAWING REFERENCED: E02.01	SKETCH ES-2
		ADDENDUM NO.: F	

1 23 STUB 1"Ø. FROM BOX TO ABOVE ACCESSIBLE CEILING TO SERVE AS A/V CABLING PATHWAY. TERMINATE WITH INSULATING BUSHING AND PROVIDE PULLSTRING.



1 FLOOR PLAN NORTH - SPECIAL SYSTEMS
1/8" = 1'-0"

 Alvine Engineering	EDUCARE WINNEBAGO			
	PROJECT NUMBER 20122634	DATE 12/06/12	DRAWING REFERENCED: ADDENDUM NO.:	E03.01 F



1 FLOOR PLAN - NORTH
1/8" = 1'-0"

FLOOR PLAN NOTES

- SEE SHEET A00.00 FOR GENERAL PROJECT NOTES, ABBREVIATIONS AND LEGENDS
- SEE SHEETS A02.01, A02.02, & A02.03 FOR ENLARGED PLANS INCLUDING THE TYPICAL SHARED RESTROOM/ART ROOM CORES BETWEEN EACH CLASSROOM
- ALL INTERIOR PARTITIONS ARE WALL TYPE B05 (REF. SHEET A00.10) UNLESS OTHERWISE NOTED
- SEE ELEVATIONS, ROOF PLANS, AND A10 SERIES SHEETS WINDOW OPENINGS THAT DO NOT APPEAR ON FLOOR PLAN
- SEE DETAIL 1/4"=1'-0" FOR WALL FRAMING SUPPORT REQUIREMENTS AT LIGHT FIXTURE BEAMS. SEE CEILING PLANS FOR LAYOUT OF LIGHT FIXTURE BEAMS IN CORRIDORS 101A AND 101B.

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	NOTES
E-1	UNDERCOUNTER REFRIGERATOR	OWNER FURNISHED & INSTALLED
E-2	WASHER	OWNER FURNISHED & INSTALLED
E-3	DRYER	OWNER FURNISHED & INSTALLED
E-4	DISHWASHER (COMMERCIAL)	CONTRACTOR FURNISHED & INSTALLED
E-5	DRY ERASE BOARD (6'-0" W X 4'-0" H)	CONTRACTOR FURNISHED & INSTALLED
E-6	DRY ERASE BOARD (12'-0" W X 4'-0" H)	CONTRACTOR FURNISHED & INSTALLED
E-7	MAGNETIC MARKER BOARD (8'-12" X 24")	CONTRACTOR FURNISHED & INSTALLED
E-8	REFRIGERATOR	OWNER FURNISHED & INSTALLED
E-9	MICROWAVE	OWNER FURNISHED & INSTALLED
E-10	STACKED LOCKER	CONTRACTOR FURNISHED & INSTALLED
E-11	VENDING	OWNER FURNISHED & INSTALLED
E-12	DISHWASHER (RESIDENTIAL)	OWNER FURNISHED & INSTALLED
E-13	LOCKED DISPLAY CASE	CONTRACTOR FURNISHED & INSTALLED
E-14	WARMING OVEN	OWNER FURNISHED & INSTALLED

NOTE: E-4 PROVIDED AS PART OF FOOD SERVICE EQUIPMENT SUBCONTRACT

CONSTRUCTION DOCUMENTS

FINAL BID SET

EDUCARE WINNEBAGO

RDG
PLANNING & DESIGN

ARCHITECT
RDG Planning & Design
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

CONTRACTOR
Edmund Griffin & Associates
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

STRUCTURAL
RWD Structural & Foundation
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

MECH/ELEC/PLUMB
RWD Mechanical & Electrical
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

CIVIL
Edmund Griffin & Associates
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

LANDSCAPE
RDG Planning & Design
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

11/16/12

WINNEBAGO, NEBRASKA

WINNEBAGO TRIBE OF NEBRASKA

1 12/07/12 ADD F

ISSUED: November 16, 2012
PROJECT NO: 2010.175.01

RDG Planning & Design
3720 South 48th Street
Omaha, NE 68131
402.338.2413 Fax

EDUCARE WINNEBAGO

FLOOR PLAN NORTH

A01.03

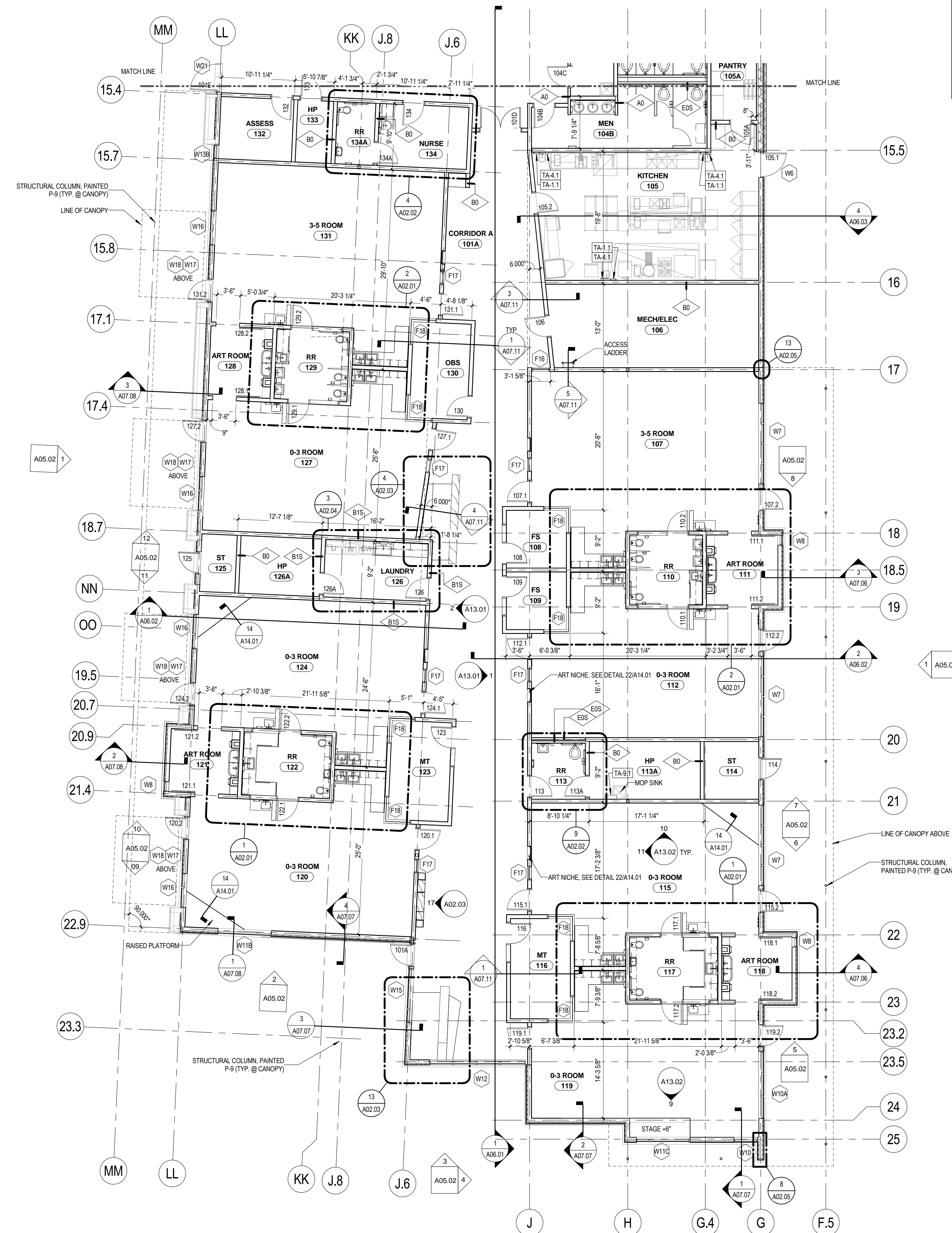
FLOOR PLAN NOTES

- SEE SHEET A00.00 FOR GENERAL PROJECT NOTES, ABBREVIATIONS AND LEGENDS
- SEE SHEETS A02.01, A02.02, & A02.03 FOR ENLARGED PLANS INCLUDING THE TYPICAL SHARED RESTROOMART ROOM CORES BETWEEN EACH CLASSROOM
- ALL INTERIOR PARTITIONS ARE WALL TYPE B05 (REF. SHEET A00.10 UNLESS OTHERWISE NOTED)
- SEE ELEVATIONS, ROOF PLANS AND A10 SERIES SHEETS WINDOW OPENINGS THAT DO NOT APPEAR ON FLOOR PLAN
- SEE DETAIL 11A14.01 FOR WALL FRAMING SUPPORT REQUIREMENTS AT LIGHT FIXTURE BEAMS. SEE CEILING PLANS FOR LAYOUT OF LIGHT FIXTURE BEAMS IN CORRIDORS 101A AND 101B.

EQUIPMENT SCHEDULE

MARK	DESCRIPTION	NOTES
E-1	UNDERCOUNTER REFRIGERATOR	OWNER FURNISHED & INSTALLED
E-2	WASHER	OWNER FURNISHED & INSTALLED
E-3	DRYER	OWNER FURNISHED & INSTALLED
E-4	DISHWASHER (COMMERCIAL)	CONTRACTOR FURNISHED & INSTALLED
E-5	DRY ERASE BOARD (6'-0" W X 4'-0" H)	CONTRACTOR FURNISHED & INSTALLED
E-6	DRY ERASE BOARD (12'-0" W X 4'-0" H)	CONTRACTOR FURNISHED & INSTALLED
E-7	MAGNETIC MARKER BOARD (8'-12" X 24")	CONTRACTOR FURNISHED & INSTALLED
E-8	REFRIGERATOR	OWNER FURNISHED & INSTALLED
E-9	MICROWAVE	OWNER FURNISHED & INSTALLED
E-10	STACKED LOCKER	CONTRACTOR FURNISHED & INSTALLED
E-11	VENDING	OWNER FURNISHED & INSTALLED
E-12	DISHWASHER (RESIDENTIAL)	OWNER FURNISHED & INSTALLED
E-13	LOCKED DISPLAY CASE	CONTRACTOR FURNISHED & INSTALLED
E-14	WARMING OVEN	OWNER FURNISHED & INSTALLED

NOTE: E-4 PROVIDED AS PART OF FOOD SERVICE EQUIPMENT SUBCONTRACT



1 FLOOR PLAN - SOUTH
1/8" = 1'-0"

CONSTRUCTION DOCUMENTS

FINAL BID SET

EDUCARE WINNEBAGO



ARCHITECT
RDG Planning & Design
3720 South 146th Street
Omaha, NE 68144
402.336.2413 fax

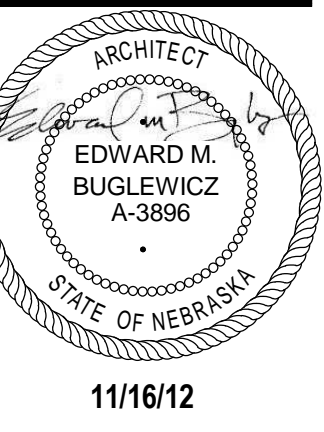
CONTRACTOR
Edgemoor Construction
3720 South 146th Street
Omaha, NE 68144
402.336.2413 fax

STRUCTURAL
P&S Structural
1501 Douglas Street, Suite 207
Omaha, NE 68102
402.336.2413 fax

LANDSCAPE
RDG Planning & Design
3720 South 146th Street
Omaha, NE 68144
402.336.2413 fax

MECH/ELEC/PLUMB
M&M Mechanical & Electrical
1157 Douglas Street, Suite 100
Omaha, NE 68102
402.336.2413 fax

CIVIL
Edward M. Buglewicz & Associates
3720 South 146th Street
Omaha, NE 68144
402.336.2413 fax



WINNEBAGO, NEBRASKA

WINNEBAGO TRIBE OF NEBRASKA

REV	DATE	DESCRIPTION
1	12/07/12	ADD F

ISSUED: November 16, 2012
PROJECT NO: 2010.175.01

BY: RDG Planning & Design
ALL DOCUMENTS HAVE BEEN REVIEWED BY THE ARCHITECT
PROJECT NO. 2010.175.01
EDUCARE WINNEBAGO

FLOOR PLAN SOUTH

A01.04

DOOR SCHEDULE

DOOR #	LEAFS	WIDTH	HEIGHT	THKNS	TYPE	MAT'L	FINISH	GLAZ	MAT'L	FRAME	GLAZ	RATING	HWDR	REMARKS	DOOR #
100.1	2	3'-0"	7'-0"	1 3/4"	W3	ALUM	ANOD	2	ALUM	ANOD	1, 2, 4		36.0	2.5	100.1
100.2	2	3'-0"	7'-0"	1 3/4"	F1	ALUM	ANOD	2	ALUM	ANOD	A		36.0	2.5, 7	100.2
101A	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	101A
101B.1	2	3'-0"	8'-0"	1 3/4"	F2	WOOD	S-1	A	HM	P			34.0	2.5, 7	101B.1
101B.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	101B.2
101D	2	3'-0"	8'-0"	1 3/4"	F2	WOOD	S-1	A	HM	P			34.0	2.5, 7	101D
101E	1	3'-0"	7'-0"	1 3/4"	W11	ALUM	ANOD	2	ALUM	ANOD	1, 2, 4		33.0	2.5	101E
102A.1	2	3'-1"	7'-0"	1 3/4"	F4	ALUM	ANOD	C	ALUM	ANOD	C		29.0	3	102A.1
102A.2	1	3'-0"	7'-0"	1 3/4"	F3	HM	P		HM	P		FEMA	32.0	6	102A.2
102A.3	2	3'-1"	7'-10"	1 3/4"	F13	HM	P		HM	P		FEMA	30.0	3.6	102A.3
102B.1	2	3'-1"	7'-0"	1 3/4"	F4	ALUM	ANOD	C	ALUM	ANOD	C		29.0	3	102B.1
102B.2	1	3'-0"	7'-0"	1 3/4"	F3	HM	P		HM	P		FEMA	32.0	6	102B.2
102B.3	2	3'-1"	7'-10"	1 3/4"	F13	HM	P		HM	P		FEMA	30.0	3.6	102B.3
102C	0	3'-0"	7'-0"	1 3/4"	F6	WOOD	S-1	A	HM	P			24.0		102C
102D	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			15.0		102D
103	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		10.0	4	103
103A	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P			13.0		103A
104A	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			1.0	4	104A
104B	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			1.0	4	104B
104C	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			16.0		104C
105.1	1	3'-0"	7'-0"	1 3/4"	W6	ALUM	S-1	3	ALUM	ANOD	4		27.0	4	105.1
105.2	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			12.0	4	105.2
105A	0	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			14.0		105A
106	0	3'-0"	7'-0"	1 3/4"	F6	WOOD	S-1	A	HM	P			20.0		106
107.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	107.1
107.2	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1	A	HM	ANOD			33.0	2.5	107.2
108	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	108
109	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	109
110.1	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	110.1
110.2	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	110.2
111.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		111.1
111.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		111.2
112.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	112.1
112.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	112.2
113	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			21.0	4	113
113A	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			22.0		113A
114	1	3'-0"	7'-0"	1 3/4"	W5A	ALUM	ANOD		ALUM	ANOD			26.0		114
115.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	115.1
115.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	115.2
116	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	116
117.1	1	3'-0"	7'-0"	1 3/4"	F9A	WOOD	S-1	A	HM	P	A		3.1	4	117.1
117.2	1	3'-0"	7'-0"	1 3/4"	F9A	WOOD	S-1	A	HM	P	A		3.1	4	117.2
118.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		118.1
118.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		118.2
119.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	119.1
119.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	119.2
120.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	120.1
120.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	120.2
121.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		121.1
121.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		121.2
122.1	1	3'-0"	7'-0"	1 3/4"	F8A	WOOD	S-1	A	HM	P	A		3.1	4	122.1
122.2	1	3'-0"	7'-0"	1 3/4"	F8A	WOOD	S-1	A	HM	P	A		3.1	4	122.2
123	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	123
124.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P	A		8.0	4	124.1
124.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			33.0	2.5	124.2
125	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			26.0		125
126	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P		60 MIN	11.0	5	126
126A	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P		60 MIN	11.0	5	126A
127.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	127.1
127.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			33.0	2.5	127.2
128.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		128.1
128.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		128.2
129.1	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	129.1
129.2	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	129.2
130	0	3'-0"	7'-0"	1 3/4"	F11	WOOD	S-1	A	HM	P			4.0	4	130
131.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			8.0	4	131.1
131.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			33.0	2.5	131.2
132	0	3'-0"	7'-0"	1 3/4"	F11	WOOD	S-1	A	HM	P			4.0	4	132
133	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			17.0		133
134	0	3'-0"	7'-0"	1 3/4"	F11	WOOD	S-1	A	HM	P			5.0	4	134
134A	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			2.0	4	134A
135	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	135
136	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			7.0	4	136
137	1	3'-2"	7'-2"	1 3/4"	F10	WOOD	S-1	A	WOOD	ST-1			4.0		137
138	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P			19.0		138
139.1	4	16'-0"	7'-0"	1 3/4"	F12	ALUM	ANOD	F	ALUM	ANOD	F		29.0		139.1
139.2	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			28.0	4	139.2
139.3	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			28.0	4	139.3
139A	0	3'-0"	7'-0"	1 3/4"	F6	WOOD	S-1	A	HM	P			SMOKE		139A
139B	0	3'-0"	7'-0"	1 3/4"	F6	WOOD	S-1	A	HM	P			SMOKE		139B
140	1	3'-0"	7'-0"	1 3/4"	F10	WOOD	S-1	E	WOOD	ST-1			7.0		140
141	1	3'-0"	7'-0"	1 3/4"	F11	ALUM	ANOD	A	ALUM	ANOD	A, B		31.0	4	141
142.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			9.0	4	142.1
142.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			33.0	2.5	142.2
143.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		143.1
143.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		143.2
144.1	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	144.1
144.2	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	144.2
145	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	145
146	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	146
147.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			9.0	4	147.1
147.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD		ALUM	ANOD			33.0	2.5	147.2
148	1	3'-0"	7'-0"	1 3/4"	W5A	ALUM	ANOD		ALUM	ANOD			26.0		148
149	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P		60 MIN	11.0	5	149
149A	1	3'-0"	7'-0"	1 3/4"	F7	WOOD	S-1		HM	P		60 MIN	11.0	5	149A
150.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			9.0	4	150.1
150.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	150.2
151.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		151.1
151.2	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		151.2
152.1	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	152.1
152.2	1	3'-0"	7'-0"	1 3/4"	F9B	WOOD	S-1	A	HM	P	A		3.2	4	152.2
153	1	3'-0"	7'-0"	1 3/4"	F5	WOOD	S-1		HM	P	A		4.0	4	153
154.1	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			9.0	4	154.1
154.2	1	3'-0"	7'-0"	1 3/4"	W9	ALUM	ANOD	2	ALUM	ANOD			33.0	2.5	154.2
155	1	3'-0"	7'-0"	1 3/4"	F8	WOOD	S-1	A	HM	P			9.0	4	155
156.1	1	3'-6"	7'-6"	3/8"	F10A	GLASS							6.0		156.1
156.2	1	3'-6"	7'-6"	3/8"	F10A										

LIGHTING PANEL SCHEDULE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
SPARE	20/1	1	2	20/1 154 RECEPT
SPARE	20/1	3	4	20/1 153 RECEPT
SPARE	20/1	5	6	20/1 150 RECEPT
SPARE	20/1	7	8	20/1 154 RECEPT
SPARE	20/1	9	10	20/1 154 AC RCPT
SPARE	20/1	11	12	20/1 150 RECEPT
SPARE	20/1	13	14	20/1 142 FRIDGE
SPARE	20/1	15	16	20/1 145/146 RECEPT
SPARE	20/1	17	18	20/1 147 FRIDGE
SPARE	20/1	19	20	20/1 142/147 AC RCPT
SPARE	20/1	21	22	20/1 142 RECEPT
SPARE	20/1	23	24	20/1 139-140 RECEPT
SPARE	25/2	25	26	20/1 35/2 DW-1
SPARE	20/1	29	30	20/1 SPARE
SPARE	20/1	31	32	20/1 SPARE
SPARE	20/1	33	34	20/1 SPARE
SPARE	20/1	35	36	20/1 SPARE
SPARE	20/1	37	38	20/1 SPARE
SPARE	20/1	39	40	20/1 SPARE
SPARE	20/1	41	42	20/1 SPARE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
HP-5	45/3	45	46	20/1 35/2 DRYER
HP-5	45/3	49	50	20/1 50/3 HP-7
HP-5	45/3	51	52	20/1 *
HP-5	45/3	53	54	20/1 *
HP-2	25/3	55	56	20/1 45/3 HP-5
HP-2	25/3	57	58	20/1 *
HP-3	25/3	61	62	20/1 DOOR PS
HP-3	25/3	63	64	20/1 SPARE
HP-3	25/3	65	66	20/1 147 SHADE
SPARE	20/1	67	68	20/1 SPARE
SPARE	20/1	69	70	20/1 SPARE
SPARE	20/1	71	72	20/1 SPARE
SPARE	20/1	73	74	20/1 SPARE
SPARE	20/1	75	76	20/1 SPARE
SPACE	20/1	77	78	SPACE
SPACE	20/1	79	80	SPACE
SPACE	20/1	81	82	SPACE
SPACE	20/1	83	84	SPACE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
SPARE	20/1	1	2	20/1 160 RECEPT
SPARE	20/1	3	4	20/1 155/160 AC RCPT
SPARE	20/1	5	6	20/1 155 RECEPT
SPARE	20/1	7	8	20/1 155 FRIDGE
SPARE	20/1	9	10	20/1 160 FRIDGE
SPARE	20/1	11	12	20/1 159 RECEPT
SPARE	20/1	13	14	20/1 NE EXT RECEPT
SPARE	20/1	15	16	20/1 163/167 AC RCPT
SPARE	20/1	17	18	20/1 163 RECEPT
SPARE	20/1	19	20	20/1 163 FRIDGE
SPARE	20/1	21	22	20/1 167 FRIDGE
SPARE	20/1	23	24	20/1 166 RECEPT
SPARE	25/2	25	26	20/1 SPARE
SPARE	20/1	27	28	20/1 SPARE
SPARE	20/1	29	30	20/1 SPARE
SPARE	20/1	31	32	20/1 SPARE
SPARE	20/1	33	34	20/1 SPARE
SPARE	20/1	35	36	20/1 SPARE
SPACE	20/1	37	38	20/1 SPARE
SPACE	20/1	39	40	20/1 SPARE
SPACE	20/1	41	42	20/1 SPARE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
HP-3	25/3	43	44	20/1 90/3 RTU-1
HP-3	25/3	45	46	20/1 *
HP-2	25/3	49	50	20/1 35/3 HP-4
HP-2	25/3	51	52	20/1 *
HP-2	25/3	53	54	20/1 *
HP-4	35/3	55	56	20/1 50/3 HP-6
HP-4	35/3	57	58	20/1 *
HP-4	35/3	59	60	20/1 *
BUS HEAT	20/1	61	62	20/1 101B LIGHTS
BUS HEAT	20/1	63	64	20/1 101B LIGHTS
SPARE	20/1	65	66	20/1 SPARE
SPARE	20/1	67	68	20/1 SPARE
SPARE	20/1	69	70	20/1 SPARE
SPARE	20/1	71	72	20/1 SPARE
SPARE	20/1	73	74	20/1 SPARE
SPACE	20/1	75	76	SPACE
SPACE	20/1	77	78	SPACE
SPACE	20/1	79	80	SPACE
SPACE	20/1	81	82	SPACE
SPACE	20/1	83	84	SPACE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
EQUIP T1	20/1ST	1	2	20/1G EQUIP 6
(ST)	20/1	3	4	20/1G EQUIP 6
EQUIP T2	20/1ST	5	6	20/1G EQUIP 7
(ST)	20/1	7	8	20/1G EQUIP 8
EQUIP T3	40/3ST	9	10	20/1G EQUIP 9
(ST)	20/1	11	12	20/1G EQUIP 18
(ST)	20/1	13	14	20/1G EQUIP 19
(ST)	20/1	15	16	20/1 CONVENIENCE
(ST)	20/1	17	18	20/1 CONVENIENCE
(ST)	20/1	19	20	20/1 CONVENIENCE
(ST)	20/1	21	22	20/1 EQUIP 27
(ST)	20/1	23	24	20/1 EQUIP 26
EQUIP T5A	20/1	25	26	20/1 EQUIP 35A
CONVENIENCE	20/1	27	28	20/1 *
EQUIP T2 (DW)	15/3	29	30	20/3 MAU-1 (CU)
MAIL-1	15/3	31	32	20/3 MAU-1 (CU)
HP-1	20/1	33	34	20/1 *
HP-1 (HOOD)	15/3	37	38	20/3 MAU-1 (CU)
HP-1	20/1	39	40	20/1 *
CONVENIENCE	20/1	43	44	20/1 EQUIP 35B
SPARE	20/1	45	46	20/1 EQUIP 16 (FIRE)
SPARE	20/1	47	48	20/1 SPARE
SPARE	20/1	49	50	20/1 SPARE
SPARE	20/1	51	52	20/1 SPARE
SPARE	20/1	53	54	20/1 SPARE
SPACE	20/1	55	56	20/1 SPARE
SPACE	20/1	57	58	20/1 SPARE
SPACE	20/1	59	60	SPACE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
EH-1	25/2	29	30	20/1 HP-1
MAIL-1	15/3	31	32	20/3 MAU-1 (CU)
MWT-1, HWCP-1,2	20/1	5	6	20/1 *
FACP	20/1	7	8	20/1 HP-1
SPARE	20/1	9	10	20/1 SPARE
SPARE	20/1	11	12	20/1 SPARE
EQUIP RECEPT	20/1	13	14	20/1 60/3 LIFT STATION
DWH-1	20/1	15	16	20/1 (ALT 3)
DWH-2	20/1	17	18	20/1 SPARE
AHU-1	30/3	19	20	20/1 SPARE
HP-3	25/3	25	26	20/1 NW EM LIGHTS
HP-3	25/3	27	28	20/1 NW EM LIGHTS
HP-3	25/3	29	30	20/1 WALKWAY LIT
LAWN IRR (ALT TO)	20/1	31	32	20/2 SITE LIT
SPARE	20/1	33	34	20/1 *
SPARE	20/1	35	36	20/1 SW EM LIGHTS
SPARE	20/1	37	38	20/1 SW EM LIGHTS
SPARE	20/1	39	40	20/1 SPARE
SPARE	20/1	41	42	20/1 SPARE

LIGHTING PANEL SCHEDULE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
SPARE	20/1	1	2	20/1 115 FRIDGE
SPARE	20/1	3	4	20/1 116 RECEPT
SPARE	20/1	5	6	20/1 119 FRIDGE
SPARE	20/1	7	8	20/1 115/118 RECEPT
SPARE	20/1	9	10	20/1 115/119 AC RCPT
SPARE	20/1	11	12	20/1 119 RECEPT
SPARE	20/1	13	14	20/1 119 RECEPT
SPARE	20/1	15	16	20/1 117,112 AC RCPT
SPARE	20/1	17	18	20/1 107 RECEPT
SPARE	20/1	19	20	20/1 107 RECEPT
SPARE	20/1	21	22	20/1 DOOR PS
SPARE	20/1	23	24	20/1 SPARE
HP-5	45/3	25	26	20/1 45/3 HP-5
HP-5	45/3	27	28	20/1 *
HP-4	35/3	29	30	20/1 HP-7
HP-4	35/3	31	32	20/1 *
HP-4	35/3	33	34	20/1 *
EH-1	25/2	37	38	20/1 SPARE
HP-5	45/3	39	40	20/1 SPARE
SPARE	20/1	41	42	20/1 SPARE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
100A-C RECEPT	20/1	3	4	20/1 102 FB
100/101/102/E	20/1G	5	6	20/1 102 FB
EWC	20/1G	7	8	20/1 102 FB
MICROWAVE	20/1G	9	10	20/1 103 RECEPT
VEND MACHINE	20/1G	11	12	20/1 103 RECEPT
VEND MACHINE	20/1G	13	14	20/1 137,139 RECEPT
135A RECEPT	20/1	15	16	20/1 136 RECEPT
COPPER	20/1	17	18	20/1 AV RACK
102 LIT	20/1	19	20	20/1 103 RECEPT
101,135-138 LIT	20/1	21	22	20/1 DOOR PS
103-105 LIT	20/1	23	24	20/1 VEST DOOR OP
102A PROJECTOR	20/1	25	26	20/1 EH-1
102A PROJECTOR	20/1	27	28	20/1 SPARE
PROJ SCREEN	20/1	29	30	20/1 MICROWAVE
103 FRIDGE	20/1G	31	32	20/1 DISHWASHER
SPARE	20/1	33	34	20/2 103 OVEN
SPARE	20/1	35	36	20/1 SPARE
SPARE	20/1	37	38	20/1 SPARE
SPARE	20/1	39	40	20/1 SPARE
SPARE	20/1	41	42	20/1 SPARE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
120 SHADES	20/1	1	2	20/1 124 FRIDGE
124 SHADES	20/1	3	4	20/1 123 RCPT
131-134 LIT	20/1	5	6	20/1 120 FRIDGE
127-130 LIT	20/1	7	8	20/1 121/124 RECEPT
120-123 LIT	20/1	9	10	20/1 120/124 AC RCPT
124-126 LIT	20/1	11	12	20/1 120 RECEPT
131-134A RECEPT	20/1	13	14	20/1 WASHER
134 CORR RCPT	20/1	15	16	20/1 126 RECEPT
127 FRIDGE	20/1	17	18	20/1 EXT,125,126A
130 RECEPT	20/1	19	20	20/1 127/128 RECEPT
131 RECEPT	20/1	21	22	20/1 127/131 AC RCPT
EH-1	25/2	23	24	20/1 131 RECEPT
SPARE	20/1	27	28	20/1 *
SPARE	20/1	29	30	20/1 SPARE
SPARE	20/1	31	32	20/1 SPARE
SPARE	20/1	33	34	20/1 SPARE
SPARE	20/1	35	36	20/1 SPARE
SPACE	20/1	37	38	20/1 SPARE
SPACE	20/1	39	40	20/1 SPARE
SPACE	20/1	41	42	20/1 SPARE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
HP-5	45/3	55	56	20/1 50/3 HP-7
HP-5	45/3	57	58	20/1 *
HP-5	45/3	59	60	20/1 *
HP-5	45/3	61	62	20/1 101A LIGHTS
HP-5	45/3	63	64	20/1 101A LIGHTS
HP-5	45/3	65	66	20/1 SPARE
HP-5	45/3	67	68	20/1 SPARE
HP-5	45/3	69	70	20/1 SPARE
HP-5	45/3	71	72	20/1 SPARE
SPACE	20/1	73	74	SPACE
SPACE	20/1	75	76	SPACE
SPACE	20/1	77	78	SPACE
SPACE	20/1	79	80	SPACE
SPACE	20/1	81	82	SPACE
SPACE	20/1	83	84	SPACE

DESCRIPTION	O/C	CKT #	O/C	DESCRIPTION
127 SHADES	20/1	61	62	20/1 101A LIGHTS
131 SHADES	20/1	63	64	20/1 DOOR PS
SPARE	20			

August 13, 2012

Alvine Engineering
C/O Mr. Eric Rushenberg
1102 Douglas on the Mall
Omaha, NE 68102

Re: Developer-installed conduit specifications for the Educare located in Winnebago, NE along Hwy 75 .

Mr. Rushenberg,

This letter is in response to your request for information concerning the location and specifications for the electrical conduits and equipment to be installed in the above-mentioned commercial development.

In accordance with the Nebraska Public Power District's (NPPD) extension rules, the developer is responsible for the following items prior to installation of the new underground electric distribution system (please refer to the enclosed drawing # 4897571):

1. Adhering to all NEC, NESC, Local Codes, and NPPD's Electric Service Requirements Manual Standards (ESRM).
2. Install all District furnished primary junction foundations, grounds and install 3 phase transformer box pad purchased from NPPD per NPPD standards, see enclosed drawings.
3. Provide and install (1) 4" conduit from primary riser pole #9 a distance of 6' to primary junction pedestal #10.
4. Install provided 3-Phase Primary Junction Pedestal at location #10 per NPPD Standard U12S3C1.
5. Provide and install (1) 4" conduit with fiberglass elbows from primary junction pedestal #10 a distance of 250ft to primary junction pedestal #11.
6. Install provided 3-Phase Primary Junction Pedestal at location #11 per NPPD Standard U12S3C1.
7. Provide and install (1) 4" conduit with fiberglass elbows from primary junction pedestal #11 a distance of 425ft to primary junction pedestal #12.
8. Install provided 3-Phase Primary Junction Pedestal at location #12 per NPPD Standard U12S3C1.

9. Provide and install (1) 4" conduit with fiberglass elbows from primary junction pedestal #12 to 3-Phase Padmount Transformer Location #13.
 10. Install 3-Phase Padmount Boxpad you are required to purchased from NPPD for \$1300.00 per NPPD StandardU00LOX2
- All conduits must be electrical grade PVC, installed per NPPD standards and inspected by NPPD prior to being covered. Please provide NPPD with at least 2 business days notice when a trench inspection is needed.
 - Conduit must not be installed underneath any part of the buildings footings or foundation.
 - The PVC conduit must be minimum schedule 80 for sections above grade and minimum schedule 40 for sections below grade. Fiberglass elbows with minimum radius as shown in Table 1 are required. All conduits must be stubbed up at least 1 foot above final grade at the planned pad-mount transformer and primary junction pedestals. Each conduit must be installed with a pull rope or twine with a breaking strength of at least 300 lbs.
 - Warning tape to be installed 1 foot below ground line on all open trenches. NPPD will provide the warning tape at time of trench inspection.
 - The PVC conduit must be installed per the minimum depths found in Table 1 below.

Table 1 - Minimum installation depths to the top of PVC conduit at final grade.

PVC Conduit Size	Minimum Depth Below Final Grade	Minimum Radius	Class
4"	48"	48"	Primary

Please notify NPPD at least 10 business days prior to trenching to allow this project to be properly staked. The property pins must be installed by a qualified surveyor and their locations flagged prior to staking by NPPD. Additionally, grade must be within 6 inches of final grade prior to staking.

Grading must be completed before the installation of any electric facilities. The cost of any modifications to conduit depth or transformer/pedestal elevations deemed necessary by NPPD because of changes made to grade after installation of the electric facilities will be completed at the expense of the customer or developer. NPPD shall not be responsible for the correction of any trench settlement. Customer or developer is responsible for any future maintenance of the trench, i.e. settling and washouts of trench. Customer or developer is responsible for maintaining final grade such that all electrical equipment

remains readily accessible and such that the required minimum depth of burial is maintained.

Once the new electrical distribution system is in operation all customer-furnished and installed material will become the property and responsibility of NPPD.

Additionally, NPPD will be responsible for the following:

1. Stake the planned locations of the trench, primary pedestals, and transformer.
2. Provide the required primary. Provide and install transformer.
3. Provide and install the primary conductor.
4. Provide and install all connectors and terminations on the primary inside primary junction and transformer.
5. Provide warning tape.
6. Provide and install the electric meter.

If you have any technical questions, or if I can be of any further assistance, please give me a call at the number below. If you have any questions regarding construction scheduling or in-service date, please contact the South Sioux City Area Distribution Superintendent Doug Klug at the number below.

Sincerely:



Mark Albrecht
Distribution Engineer
(402) 644-3313



Doug Klug
South Sioux City Area Superintendent
(402) 412-2554

cc:
Doug Klug

Enclosed:
Map #4897571, U00L0X2, U12S3C1

Construction Standard

U00LOX2

Plant

DISTRIBUTION

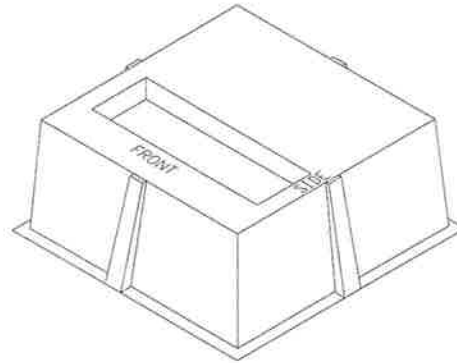
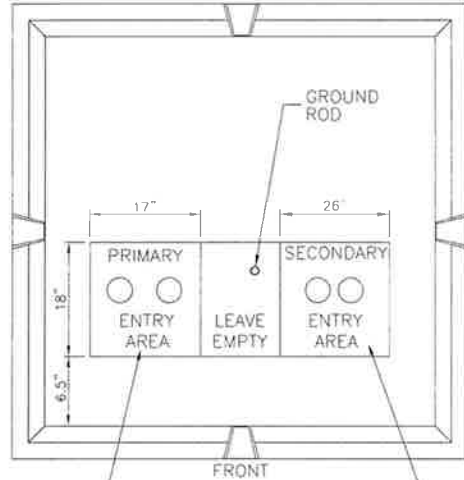
Index

L-FOUNDATIONS

Description

PAD; BOX, 3PH XFMR

TOP VIEW



TRANSFORMER SIZE
 <500KVA
 750KVA-1500KVA
 >1500KVA

BOX PAD MODEL NUMBER
 NORDIC GS-72-56-30RT-MG-58x18
 NORDIC GS-75-69-36RT-MG-58x18
 NORDIC GS-84-66-36RT-3X.MG.64x18

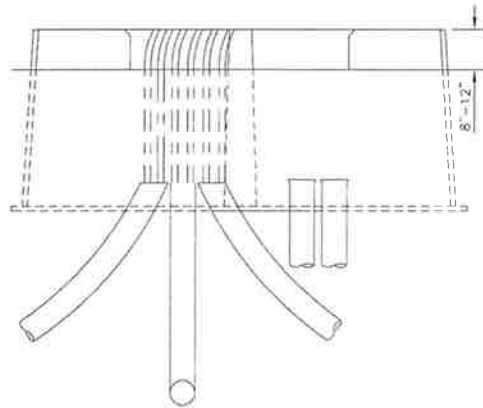
STOCK CODE
 1349080
 1349084
 1349085

USE THE ABOVE MODELS OR NPPD APPROVED EQUIVALENT

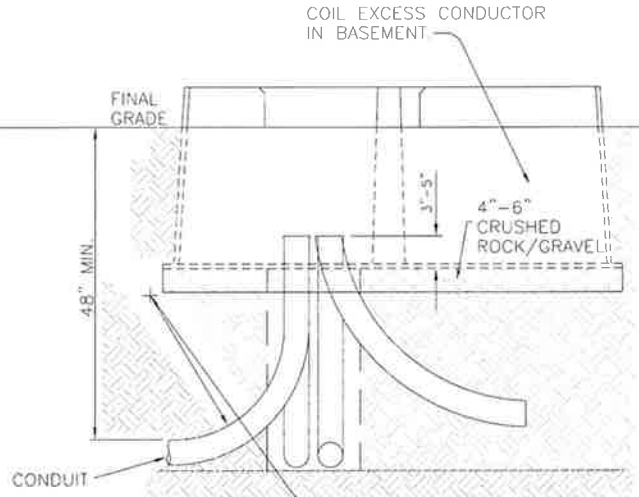
PRIMARY

SECONDARY

MAX. NO. CONDUCTORS: < 500KVA SIX (6) PER PHASE
 MAX. NO. CONDUCTORS: > 500KVA EIGHT (8) PER PHASE
 MAX. CONDUCTOR SIZE: 750 kcmil
 MAY ONLY BE PLACED IN THE SECONDARY ENTRY AREA



FRONT VIEW



SIDE VIEW

MIN. CONDUIT BEND RADIUS
 36" MIN - 2" & 3"
 48" MIN - 4", 5", & 6"

NOTES:

- MINIMUM CLEARANCE AROUND PAD
 BACK=36"
 SIDES=36"
 FRONT=120"(FOR HOT STICK MAINTENANCE)
 PAD LOCATIONS MUST ALSO MEET NATIONAL ELECTRICAL CODE, ARTICLE 450-27 AND NATIONAL ELECTRICAL SAFETY CODE, SECTION 15, ARTICLE 152-A-2
 REFER TO SECTION E OF ESRM OR THE DISTRIBUTION DESIGN MANUAL FOR GUIDELINES REGARDING OUTDOOR LOCATION OF OIL INSULATED EQUIPMENT NEAR BUILDINGS.
- EQUIPMENT LOCATED IN AREAS EXPOSED TO VEHICULAR TRAFFIC SHALL BE PROTECTED WITH SUITABLE PIPE OR "I" BEAMS ON ALL EXPOSED SIDES SUPPLIED & INSTALLED BY THE CUSTOMER AS PER DISTRIBUTION CONSTRUCTION STANDARD U00LOX5 (ESRM SECTION C).
- CONDUIT TO BE ELECTRICAL GRADE. PRIMARY CONDUIT ELBOWS OR BENDS TO BE AS SPECIFIED BY NPPD.
- CONDUITS INSTALLED SHALL INCLUDE A PULL ROPE OR TWINE WITH A BREAK STRENGTH RATING OF AT LEAST 300 LBS.
- SERVICE CONDUCTORS SHALL EXTEND AT LEAST FOUR (4) FEET ABOVE THE MOUNTING SURFACE OF THE PAD.
- NPPD TO SPECIFY TRANSFORMER SIZE.
- THE FIBERGLASS BOX PAD SHALL BE PLACED ON 4"-6" OF COMPACTED CRUSHED ROCK OR GRAVEL. THE CRUSHED ROCK OR GRAVEL SHALL BE NO LARGER THAN THE 3/4" SIEVE SIZE. CRUSHED CONCRETE, PEA GRAVEL, AND SAND ARE NOT ACCEPTABLE FOUNDATION MATERIALS.

Approved By

Date

JRHENDR

6/30/2011

Nebraska Public Power District

Construction Standard

Cadd File: E0037836

2
31433

5
5411

NC34560

Revision
4

Construction Standard

U12S3C1

Plant

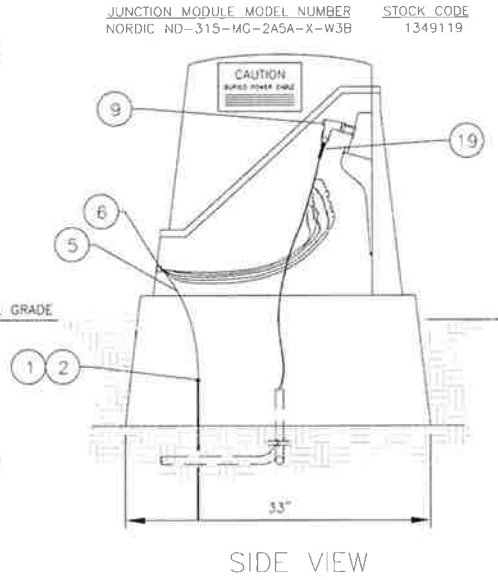
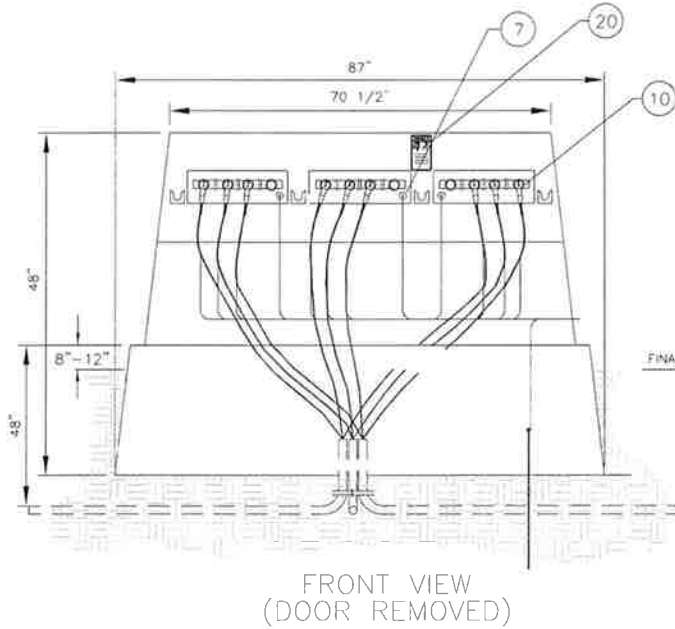
DISTRIBUTION

Index

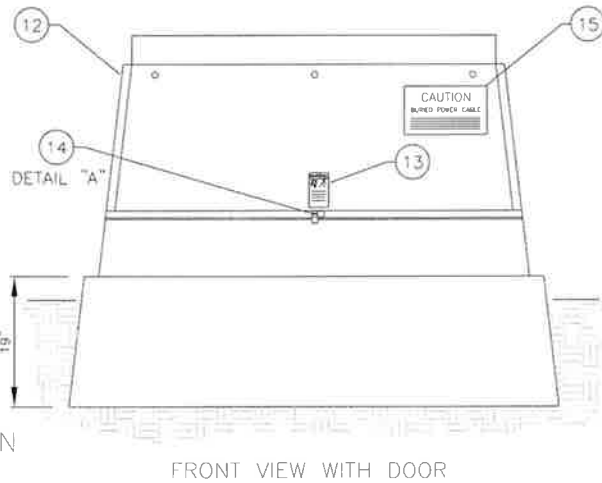
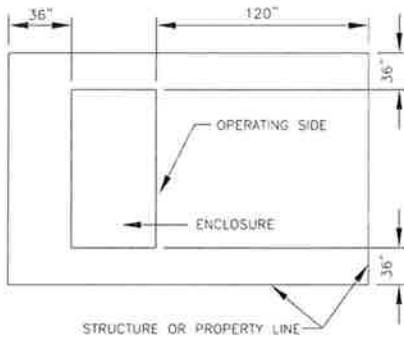
S-SWITCH

Description

12KV-SW-DUCT-3PH-JUNCTION MOD

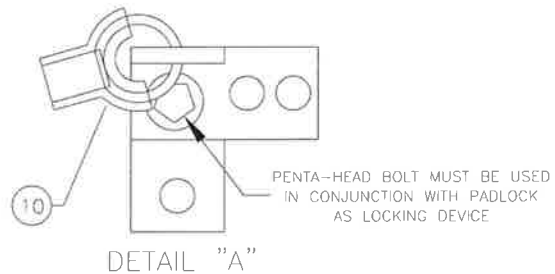


JUNCTION MODULE MODEL NUMBER STOCK CODE
NORDIC ND-315-MC-2A5A-X-W3B 1349119



NOTES:

- MINIMUM CLEARANCE AROUND PAD
BACK=36"
SIDES=36"
FRONT=120"(FOR HOT STICK MAINTENANCE)
PAD LOCATIONS MUST ALSO MEET NATIONAL ELECTRICAL CODE, ARTICLE 450-27 AND NATIONAL ELECTRICAL SAFETY CODE, SECTION 15, ARTICLE 152-A.2
- JUNCTION MODULES LOCATED IN AREAS EXPOSED TO VEHICULAR TRAFFIC SHALL BE PROTECTED WITH SUITABLE PIPE OR "I" BEAMS ON ALL EXPOSED SIDES SUPPLIED & INSTALLED BY THE CUSTOMER AS PER DISTRIBUTION CONSTRUCTION STANDARD UOOLX5C (ESRM SECTION C).
- CONDUIT TO BE ELECTRICAL GRADE PRIMARY CONDUIT ELBOWS OR BENDS TO BE AS SPECIFIED BY NPPD
- CONDUITS SHALL INCLUDE A PULL ROPE OR TWINE WITH A BREAK STRENGTH RATING OF AT LEAST 300 LBS
- PRIMARY CONDUCTORS SHALL EXTEND AT LEAST FOUR (4) FEET ABOVE THE MOUNTING SURFACE OF THE PAD
- THE FIBERGLASS BOX PAD SHALL BE PLACED ON 4"-6" OF COMPACTED CRUSHED ROCK OR GRAVEL AS PER DISTRIBUTION CONSTRUCTION STANDARD UOOLX2 THE CRUSHED ROCK OR GRAVEL SHALL BE NO LARGER THAN THE 3/4" SIEVE SIZE CRUSHED CONCRETE, PEA GRAVEL, AND SAND ARE NOT ACCEPTABLE FOUNDATION MATERIALS



Approved By	Date
JRHENDR	6/30/2011

Nebraska Public Power District
Construction Standard

Cadd File: E0011795

2	5		Revision
31486	5411	NC34570	1

BID FORM- EDUCARE OF WINNEBAGO

Owner: Winnebago Tribe of Nebraska

Project Location: Winnebago, NE

Construction Manager: Sampson Construction Co., Inc.

Bid Package No. 4

Summary of Work:

- 04-01 Flatwork Concrete
- 04-02 Masonry
- 04-03 Reinforcing Steel
- 04-04 Metal Framing and Drywall
- 04-05 Steel and Precast Erection
- 04-06 Precast Wall Panels
- 04-07 Rough Carpentry
- 04-08 Glued-Laminated Construction
- 04-09 Interior Architectural Woodwork
- 04-10 Roofing
- 04-11 Joint Sealants
- 04-12 Finish Carpentry Labor
- 04-13 Specialties
- 04-14 Hollow Metal, Doors, Hardware
- 04-15 Aluminum and Glazing
- 04-16 Wood Windows
- 04-17 Tile
- 04-18 Resilient and Carpet
- 04-19 Acoustic Panel Ceilings
- 04-20 Painting
- 04-21 Operable Partitions
- 04-22 Food Service Equipment
- 04-23 Play Equipment
- 04-24 Roller Window Shades
- 04-25 Simulated Stone Countertops
- 04-26 Site Equipment
- 04-27 Fire Suppression
- 04-28 Plumbing
- 04-29 HVAC
- 04-30 Electrical, Communications, Safety
- 04-31 Exterior Finish Carpentry
- 04-32 Linear Metal Ceilings
- 04-33 Earthwork
- 04-34 Termite Control
- 04-35 Plants, Irrigation, and Sod
- 04-36 Chain Link Fences
- 04-37 Geothermal Loop Heat Exchanger
- 04-38 Unit Paving
- 04-39 Striping
- 04-40 Plaster
- 04-41 Site Stone
- 04-42 Waterproofing
- 04-43 Air Barriers
- 04-44 Clay Tiles
- 04-45 Metal Roof Panels
- 04-46 Metal Wall Panels
- 04-47 Phenolic Panels

Company Name _____

Address _____

City/State/Zip _____

Contact: _____

Telephone/FAX: _____

E-mail Address _____

Bid Proposal Amounts:

The undersigned, having examined the Contract Documents and the site of the proposed Work and being familiar with all the conditions affecting the construction of the proposed project, hereby proposes and agrees to provide and furnish all labor, material, equipment, supervision, and other items necessary to perform and complete, in a workmanlike manner, all Work required by the Contract Documents at the prices stated below. Stated sums include fees, insurance, payroll taxes, and all other charges applicable to materials, appliances, labor, and all charges that may be levied. **This bid excludes sales tax.**

In the following proposals, the amounts shall be shown in both words and figures. In the case of discrepancy between the words and the figures, the words shall govern.

Addenda:

The Bidder hereby acknowledges receipt and inclusion in the Bid Proposal the following addenda:

Bid Bulletin	_____	Dated: _____
Bid Bulletin	_____	Dated: _____
Bid Bulletin	_____	Dated: _____
Bid Bulletin	_____	Dated: _____
Bid Bulletin	_____	Dated: _____

BASE BID:

(Dollars) (\$ _____)

ALTERNATES:

1 Sanitary Lift Station	(\$ _____)	(ADD/DEDUCT)
2 Playground Canopies - Structural Steel	(\$ _____)	(ADD/DEDUCT)
3 Sanitary Lift Station- Power	(\$ _____)	(ADD/DEDUCT)
4 Playground Canopies- Finish Work	(\$ _____)	(ADD/DEDUCT)
5 Solid Surface Countertops	(\$ _____)	(ADD/DEDUCT)
6 Exterior Wall Insulation	(\$ _____)	(ADD/DEDUCT)
7 Exterior Site Pavers	(\$ _____)	(ADD/DEDUCT)
8 Concrete Paving - Parking Lot	(\$ _____)	(ADD/DEDUCT)
9 Door Access Controls	(\$ _____)	(ADD/DEDUCT)
10 Automatic Rolling Shades	(\$ _____)	(ADD/DEDUCT)
11 Site Irrigation	(\$ _____)	(ADD/DEDUCT)
12 Vinyl Wall Coverings	(\$ _____)	(ADD/DEDUCT)
13 Mow Strip at Fencing	(\$ _____)	(ADD/DEDUCT)
14 Abuse Resistant Gypsum Board	(\$ _____)	(ADD/DEDUCT)
15 Metal Lockers	(\$ _____)	(ADD/DEDUCT)
16 Audio Observation	(\$ _____)	(ADD/DEDUCT)

VOLUNTARY ALTERNATES:

1	(\$ _____)	(ADD/DEDUCT)
2	(\$ _____)	(ADD/DEDUCT)
3	(\$ _____)	(ADD/DEDUCT)
4	(\$ _____)	(ADD/DEDUCT)
5	(\$ _____)	(ADD/DEDUCT)

UNIT PRICES:

1.	\$ _____
2.	\$ _____

COST OF PERFORMANCE/PAYMENT BONDS, IF REQUIRED:

\$ _____

Changes in the Work:

Changes in the work shall be as established in the Contract Documents. The following fees shall be used for lump sum pricing and actual cost pricing of additions and deletions to that Work included in the Bid, namely:

	<u>Not to Exceed</u>
a. To Subcontractor for work performed by their own forces.	10%
b. To Subcontractor for work performed by other than their own forces.	5%
c. To Subcontractor's Subcontractor/Material supplier for work performed by Subcontractor's Subcontractor/Material Supplier own forces.	10%
d. To Subcontractor's Subcontractor/Material supplier for work performed by other than Subcontractor's Subcontractor/Material Supplier own forces.	5%
● Fee includes general requirements, all supervision, overhead and profit.	

Time of Commencement, Completion, and Damages:

- a. The Bidder agrees that if awarded the Contract, he will Substantially Complete the Work in accordance with the schedule developed by the Construction Manager.
 - 1. The Bidder hereby agrees to commence work under the Contract within seven (7) days after the date of a "Notice to Proceed", unless otherwise stipulated in that notice.
 - 2. Shop drawing submittals shall be assembled immediately upon the Notice to Proceed and forwarded to the Construction Manager within 14 calendar days of said notice.
- b. Time is expressly declared to be of the essence in completion of the Work covered by these Contract Documents, and the Successful Bidder shall be liable for actual damages for delay in completion of Work. Where additional time is allowed under the Agreement for the completion of the Work, the new time limits shall be of the essence of the Agreement.
- c. Substantial Completion of the Work: The undersigned will have the Work ready for either the following Contractor's work or the Final Inspection and Owner's acceptance within the time limit established in the Construction Milestone Schedule.

General Agreements:

- a. The Bidder agrees that he has had an opportunity to examine the site of the Work and has examined the Contract Documents, and that he has carefully prepared his proposal upon the basis thereof and that he has carefully examined and checked this Bid and the materials, equipment, and labor required thereunder, the cost thereof, and his figures therefore, and hereby states that the amount or amounts set forth in this Bid is, or are, correct and that no mistake or error has occurred in this Bid or in the Bidder's computations upon which this Bid is based and the Bidder agrees that he will make no claim for reformation, modification, rescission, or correction of this Bid after the scheduled closing time for receipt of Bid.
- b. The Bidder acknowledges that the Owner reserves the right to waive informalities and to reject any or all Bids.
- c. The Bidder agrees that Bid shall not be withdrawn or altered for a period of sixty (60) calendar days after the last date scheduled for the submission of Bids.
- d. By signing this Bid, each Bidder certifies that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

The undersigned Bidder agrees that, when these requirements have been completed, he will execute an agreement with the Owner and/or the Construction Manager on the Agreement included in the bidding documents.

DATED THIS _____ DAY OF _____, 20_____.

Name of Firm

Address

City, State and ZIP

By: Signature of Authorized Officer

SEAL

Notary Public

State of _____

County of _____

My Commission Expires: _____

SECTION 010100 - SUMMARY OF WORK #04-01: FLATWORK CONCRETE (SLABS & PAVING)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary for the following sections:

- Section 03 30 00 – Cast In Place Concrete
- Section 32 13 13 – Concrete Paving
- Section 32 13 16 – Decorative Concrete Paving

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all required tests and inspections (testing cost paid for by others).
9. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all unloading, material handling and hoisting of own materials. Provide all field verification and coordination with other trades.
12. All gridlines and elevations necessary for completion of work will be provided once by others. No resurveying will be provided.
13. Provide all conveying and pumping of concrete as necessary.
14. Superintendents or project managers will be required to attend weekly coordination meetings with other contractors.
15. Coordinate all recesses in concrete with all trades (specifically expansion joints and tile).
16. Coordinate floor curing compounds and sealers with flooring applicator to ensure compatibility.
17. Coordinate inspection and testing of subgrade prior to placing fill.
18. Coordinate installation with all trades.
19. Includes housekeeping pads for mechanical and electrical equipment inside the building, locker bases, locker benches and curbing as shown.
20. Install all embedded items shown on drawings.
21. Install all thickened slabs.

22. **Install all reinforcing required for slabs (Provided by others).**
23. **Provide and install all fill material, waterproofing, vapor barrier, control joints, construction joints, expansion joints, bond breakers and concrete for slab-on-grade, elevated slabs & toppings.**
24. **Provide forming materials, deck closures and pour stops as required.**
25. **Curb and gutter to be included for concrete paving.**
26. **Provide and install all fill material, concrete and expansion joints for exterior paving & sidewalks.**
27. **Provide all grading to adjust from rough grading and provide all fill material required. Grade will be $\pm 1/10$ th of a foot.**

B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-02 MASONRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 04 20 00 Unit Masonry

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all layout requirements for this scope of work. Gridlines and elevations will be provided.
12. Provide all unloading, material handling and hoisting of own materials.
13. Install embedded steel anchors provided by others.
14. Install reinforcing steel in masonry (provided by others)
15. Install loose lintels as required.
16. Provide and install insulation in masonry cavity walls and masonry cells.
17. Provide setting and grouting of hollow metal frames in masonry walls provided by others.
18. Coordinate work with all other trades.
19. Superintendents and/or project managers will be required to attend weekly coordination meetings with other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE #04-03: REINFORCING STEEL

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all material and items necessary for the following sections:**
- **Section 033000 - Cast-in-Place Concrete (as it pertains to slabs, paving & masonry reinforcing)**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 5. Conformance with all city and local jurisdictional requirements.**
- 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
- 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
- 8. Rebar to be unloaded by others.**
- 9. Provide all rebar, chairs, form savers, dowel bars, inserts, and accessories in this scope of work coordinated with other trades and the Construction Manager.**
- 10. Damage to the material and existing conditions during handling will be the responsibility of the handler.**
- 11. Coordinate delivery of reinforcing steel with the end user. Masonry rebar with the Masonry contractor.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the subcontract agreement prior to award of the contract
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-04 METAL FRAMING/DRYWALL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 05 40 00 – Cold-Formed Metal Framing
 - Section 06 16 00 – Sheathing
 - Section 07 21 00 – Building Insulation (In contact with metal studs)
 - Section 09 22 16 – Non-Structural Metal Framing
 - Section 07 84 13 – Penetration Firestopping
 - Section 09 29 00 – Gypsum Board

Contract specifically includes, but is not necessarily limited to, the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all City and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate inspections / testing as specified per scope of work.
10. Coordinate installation of drywall and framing with all other trades.
11. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others. No less than every week (Friday), site will be left clean of construction debris.
12. Install access doors called out on drawings in all walls. Furnished by others.
13. Overtime, if required, to meet commitment to schedule
14. Provide all backing in metal stud walls. Backing to be 6” wide, 16 gauge galvanized metal. Coordinate installation with contract drawings, interior architectural woodwork shop drawings, educational casework shop drawings and all specialties shop drawings called out in Division 10.
15. Provide all layout requirements for this scope of work.
16. Provide firestopping at the top of all rated walls and seal all existing penetrations as specified and shown on the drawings. Firestopping of mechanical and electrical penetrations provided by respective trades.
17. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with CMAR and other contractors.
18. Unload, store, install and solidly pack mineral fiber insulation behind all hollow metal frames in the metal stud wall systems. Coordinate delivery of frames with frame supplier.
19. Provide and install all sheathing (including dens glass & wood).

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE

2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-05 – STEEL AND PRECAST ERECTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

A. **Provide all labor, equipment and supervision for the following sections:**

- Section 03 45 00 – Precast Architectural Concrete
- Section 05 12 00 – Structural Steel Framing
- Section 05 21 00 – Steel Joist Framing
- Section 05 31 00 – Steel Decking
- Section 05 50 00 – Metal Fabrications
- Section 06 18 00 – Glue Laminated Construction

Contract includes, but is not limited to the following:

1. All permits, bonds, license, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager with 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Must include all rigging and hoisting.
10. Include all touch-up painting required and grouting of base plates.
11. Clean-up of scrap pieces and waste created during your scope of work.
12. Include all receiving and unloading of steel and precast material.
13. Include bracing as required for protection and erection.
14. Include safety cable at openings and where fall protection is required.
15. Include erection of all fabricated steel, all precast wall panels and all hollow core planking.
16. Cleaning street of dirt and debris caused by your operations.
17. Overtime, if required, to meet commitment to schedule.
18. Provide barricading, fencing, signage and street closures for work in public right-of-way.
19. Superintendents or project managers will be required to attend weekly coordination meetings with other contractors.
20. Drill and epoxy precast embeds as required for precast erection.
21. Erect glue lams provided by others. Linear wood ceiling provided and installed by others.

B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

SECTION 010100 - SUMMARY OF WORK – #04-05 – STEEL AND PRECAST ERECTION

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SUMMARY OF WORK - #04-06 – PRECAST WALL PANELS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 0) and General Requirements (Division 1) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT

A. Provide all material and other items necessary for the following sections:

- **Section 03 45 00 - Precast Architectural Concrete**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Bidders are responsible for conducting a visit to the site to familiarize themselves with the conditions of the work and to verify the set-up of the existing system.**
- 5. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 6. Conformance with all city and local jurisdictional requirements.**
- 7. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
- 8. Coordinate all tests and inspections.**
- 9. Provide all layout requirements for this scope of work.**
- 10. Unloading, material handling and hoisting of materials is by others.**
- 11. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with Construction Manager and other contractors.**
- 12. All precast wall panels with finish surfaces as designated. Compile and submit shop drawings and engineering as required to provide a complete system when erected. Coordinate with CM and other trades for penetrations.**
- 13. Provide the embeds and layout documents as required for the installation of your product.**
- 14. Provide all hollow core as shown on documents.**

B. Contract Documents were prepared for the Project by RDG Planning · Design

- 1. Project Location: Winnebago, NE**
- 2. Owner: Winnebago Tribe of Nebraska**

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-07 – ROUGH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 06 10 00 – Rough Carpentry**
 - **Section 08 52 00 – Wood Windows (provided by others)**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Provide all unloading, material handling and hoisting of own materials.**
13. **Provide rigid/batt insulation concealed by miscellaneous carpentry.**
14. **Provide roof curbing and blocking as shown on drawings.**
15. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
16. **Provide all framing and sheathing for interior platforms and stages.**
17. **Install all linear wood ceilings on glulams. Glulams will be erected by others.**
18. **Provide and install all tongue and groove decking.**
19. **Install wood windows provided by others.**
20. **Provide and install all wood bucks for windows and doors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 – SUMMARY OF WORK – #04-08 GLUED-LAMINATED CONSTRUCTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENT

- A. Provide all material and other items necessary for the following sections:
 - Section 06 18 00 – Glued-Laminated Construction

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
 2. All submittals and shop drawings shall be submitted to the Construction Manager within 20 working days unless noted otherwise or required by contractually agreed upon schedule.
 3. All closeout procedures, documentation, and warranties as required.
 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
 5. Conformance with all city and local jurisdictional requirements.
 6. Coordinate all tests and inspections.
 7. Overtime, if required, to meet commitment to schedule.
 8. Provide all glulams and miscellaneous steel connections for areas described on drawings F.O.B. jobsite to be unloaded and erected by others.
 9. Provide all linear wood ceiling deck on glulams to be installed by others.
- A. Contract Documents were prepared for the Project by RDG Planning · Design
 1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footing. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-09 INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all material and other items necessary for the following sections:**

- **Section 06 40 23 – Interior Architectural Woodwork**

Contract specifically includes, but is not necessarily limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime if required to meet commitment to schedule.**
11. **Provide all field verification.**
12. **Provide all material F.O.B jobsite to be unloaded by others.**
13. **Provide interior wood trim & cabinets.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK –#04-10 – ROOFING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:**
- **Section 07 54 23 – Thermoplastic Polyolefin (TOP) Roofing**
 - **Section 07 62 00 – Sheet Metal Flashing and Trim**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
 2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
 3. **All closeout procedures, documentation, and warranties as required.**
 4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
 5. **Conformance with all city and local jurisdictional requirements.**
 6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
 7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
 8. **Coordinate all tests and inspections.**
 9. **Coordinate penetrations through roof with the mechanical and electrical contractors.**
 10. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
 11. **Install acoustic insulation provided by others in metal deck flues prior to roofing placement, if required.**
 12. **Install roofing in areas as soon as they become ready and directed by the Construction Manager.**
 13. **Overtime, if required, to meet commitment to schedule.**
 14. **Provide all layout requirements for this scope of work.**
 15. **Provide and install all roofing material, including but not limited to insulation, flashings, gutters and downspouts.**
 16. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-11 JOINT SEALANTS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 07 92 00 - Joint Sealants (excluding glass and glazing sections)**
 - **Section 32 13 13 - Concrete Paving (as it applies to joint sealants, and caulking)**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Aluminum/glazing will be caulked on both the inside and outside by others.**
13. **Provide labor, material, equipment, supervision, hoisting, & misc items for the completion of the Joint Sealants scope of work, coordinated with other trades and the Construction Manager.**
14. **Provide all layout requirements for this scope of work.**
15. **All preparation work needed for proper installation/manufacture installation/or industry standard installations.**
16. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-12 FINISH CARPENTRY LABOR

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners, supervision and other items necessary to install the following sections:**
- **Section 06 40 23 – Interior Architectural Woodwork**
 - **Section 08 11 13 – Hollow Metal Doors & Frames**
 - **Section 08 14 16 – Flush Wood Doors**
 - **Section 08 31 13 – Access Doors & Frames**
 - **Section 08 71 00 – Doors Hardware**
 - **Section 10 11 00 – Visual Display Boards**
 - **Section 10 21 13 – Toilet Compartments**
 - **Section 10 26 00 – Wall and Door Protection**
 - **Section 10 44 15 – Fire Protection Specialties**
 - **Section 10 28 00 – Toilet and Bath Accessories**
 - **Section 10 51 13 – Metal Lockers**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Include cost to receive/unload, inventory and install Section 081113 – Hollow metal Doors and Frames (frames to be unloaded and installed by others), Section 081416 – Flush Wood Doors, Section 087100 – Door Hardware (No Aluminum Hardware) which are provided by others, Section 064023 – Interior Architectural Woodwork, Section 101100 – Visual Display Boards, Section 102113 – Toilet Compartments, Section 102600 – Wall and Door Protection, Section 104415 – Fire Protection Specialties, Section 102800 – Toilet and Bath Accessories, Section 105113 – Metal Lockers.**
11. **Install access doors provided by others.**
12. **Overtime, if required, to meet commitment to schedule**
13. **Coordinate backing locations with metal framing and drywall contractor. Backing installed will be 6” strips of 16 gauge metal.**

- 14. Provide all layout requirements for this scope of work**
- 15. Provide all unloading, material handling and hoisting of own materials. Coordinate delivery of material with supplier and owner for unloading, installing and relocating.**
- 16. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-13 FINISH CARPENTRY- SPECIALTIES & ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all materials and other items necessary to furnish the following sections:**

- **Section 10 11 00 – Visual Display Boards**
- **Section 10 21 13 – Toilet Compartments**
- **Section 10 26 00 – Wall and Door Protection**
- **Section 10 44 15 – Fire Protection Specialties**
- **Section 10 28 00 – Toilet and Bath Accessories**
- **Section 10 51 13 – Metal Lockers**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Provide all materials F.O.B jobsite to be unloaded by others.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-14 HOLLOW METAL/HARDWARE/DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all work listed in the following sections:**

- **Section 08 11 13 – Hollow Metal Doors and Frames**
- **Section 08 14 16 – Flush Wood Doors**
- **Section 08 31 13 – Access Doors & Frames**
- **Section 08 71 00 – Door Hardware**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Assume that you will need to quick ship 15 frames to the site within two (2) weeks of award of contract.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Coordinate all tests and inspections.**
7. **Coordinate delivery of frames with drywaller and mason. Deliveries for frames in masonry walls to be separate from delivery of frames in metal stud walls.**
8. **Include hardware and power door operators for aluminum entrances and storefronts. Coordinate delivery of aluminum hardware with aluminum contractor, separate from other hardware.**
9. **Overtime, if required, to meet commitment to schedule.**
10. **Prep all screw holes in all window stops.**
11. **Provide all hollow metal doors, frames, wood doors and hardware delivered to job site. To be unloaded and installed by others.**
12. **Provide all layout requirements for this scope of work.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-15 ALUMINUM/GLAZING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary for the following sections:**
- Section 07 92 00 – Joint Sealants (As it relates to scope of work)
 - Section 08 32 13 – Sliding Aluminum-Framed Glass Doors
 - Section 08 41 13 – Aluminum-Framed Entrances and Storefronts
 - Section 08 71 00 – Door Hardware (Includes installation of hardware for aluminum doors, but hardware is provided by others)
 - Section 08 41 26 – All-Glass Entrances and Storefronts
 - Section 08 80 00 – Glazing
 - Section 08 44 13 – Glazed Aluminum Curtain Walls

Contract specifically includes, but is not necessarily limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate electrical routing rough-ins and voltage requirements with electrician per scope of work.
10. Coordinate installation and delivery of hardware/power door operators provided by hardware supplier.
11. Daily cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
12. Include all unloading, hoisting, flashings and sealants required for the installation.
13. Overtime, if required, to meet commitment to schedule.
14. Provide all layout requirements for this scope of work
15. Provide any additional wood bucks or blocking needed for installation of your system that is not shown on the documents.
16. Provide final cleaning of all surfaces at the completion of all construction activities.
17. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.
18. Provide and install joint sealants on inside and outside of all aluminum frames.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
 - 1. Project Location: Winnebago, NE
 - 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE #04-16 WOOD WINDOWS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all materials and other items necessary to furnish the following sections:**
- **Section 08 52 00 - Wood Windows**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 5. Conformance with all city and local jurisdictional requirements.**
- 6. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
- 7. Provide all layout requirements for this scope of work. Field verify openings for wood windows.**
- 8. Provide all material F.O.B. jobsite to be unloaded and installed by others.**
- 9. Coordinate delivery of wood windows with Construction Manager.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.

- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-17 TILE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:**
- **Section 09 30 00 – Tiling**
 - **Section 09 30 33 – Stone Tiling**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
 2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
 3. **All closeout procedures, documentation, and warranties as required.**
 4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
 5. **Conduct site visit at least two weeks prior to scheduled start of installation to identify if/what floor preparation is necessary. Provide floor preparation as necessary to provide complete, consistent and professional installation.**
 6. **Conformance with all city and local jurisdictional requirements.**
 7. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
 8. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
 9. **Coordinate all tests and inspections.**
 10. **Provide all layout requirements for this scope of work. Coordinate layout of recessed slab with interior slab contractor.**
 11. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
 12. **Overtime, if required, to meet commitment to schedule.**
 13. **Provide all unloading, material handling and hoisting of own materials.**
 14. **Provide and install all setting and grouting materials for floor and wall installation. Include filling joints in substrate for tile installation.**
 15. **Provide/install protection over finished work as required to protect work during construction.**
 16. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-18 RESILIENT & CARPET

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:**
- **Section 09 65 13 – Resilient Base and Accessories**
 - **Section 09 65 13 – Resilient Sheet Flooring**
 - **Section 09 68 13 – Tile Carpeting**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conduct site visit at least two weeks prior to scheduled start of installation and identify if/what floor preparation is necessary. Provide floor preparation as necessary to provide a complete, consistent and professional installation.**
6. **Conformance with all city and local jurisdictional requirements.**
7. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
8. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
9. **Coordinate all tests and inspections.**
10. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
11. **Overtime, if required, to meet commitment to schedule.**
12. **Provide all layout requirements for this scope of work.**
13. **Provide all unloading, material handling and hoisting of own materials.**
14. **Provide/install protection over finished work as required to protect work during construction.**
15. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK –#04-19 ACOUSTIC PANEL CEILINGS & WALLS (ACT)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary for the following sections:**

- **Section 09 51 13 - Acoustical Panel Ceilings**

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate installation of lay-in ceiling with all other trades.
10. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
11. Overtime, if required, to meet commitment to schedule.
12. Provide all layout requirements for this scope of work.
13. Provide all unloading, material handling and hoisting of own materials.
14. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-20 PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:**
- **Section 09 72 00 – Wall Covering**
 - **Section 09 91 23 – Interior Painting**
 - **Section 09 93 00 – Staining and Transparent Finishing**
 - **Section 09 96 00 – High Performance Coatings**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Provide all unloading, material handling and hoisting of own materials.**
13. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-21 OPERABLE PARTITIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment supervision and other items necessary for the following sections:**
- **Section 10 22 26 – Operable Partitions**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Coordinate work with other trades.**
10. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
11. **Overtime, if required, to meet commitment to schedule.**
12. **Provide all layout requirements for this scope of work.**
13. **Provide all unloading, material handling and hoisting of own materials.**
14. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-22 FOOD SERVICE EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment supervision and other items necessary for the following sections:**
 - **Section 11 40 00 - Food Service Equipment**

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all layout requirements for this scope of work.
12. Provide all unloading, material handling and hoisting of own materials. Provide all field verification and coordination with other trades.
13. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
 1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-23 PLAY EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment supervision and other items necessary for the following sections:**
- **Section 11 68 00 – Play Equipment**
 - **Section 11 68 05 – Aquatic Play Equipment**
 - **Section 32 18 16 – Playground Safety Surfacing**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Coordinate installation of equipment with Construction Manager and all other trades.**
10. **Coordinate installation of play and aquatic equipment with all structures, equipment, building materials, mechanical work and electrical work.**
11. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
12. **Overtime, if required, to meet commitment to schedule.**
13. **Provide all layout requirements for this scope of work.**
14. **Provide all unloading, material handling and hoisting of own materials.**
15. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
16. **Provide and install all materials for platforms in playground area.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-24 – ROLLER WINDOW SHADES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment supervision and other items necessary to complete work described in the following sections:**

- **Section 12 24 13 – Roller Window Shades**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
 - 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
 - 3. All closeout procedures, documentation, and warranties as required.**
 - 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
 - 5. Conformance with all city and local jurisdictional requirements.**
 - 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
 - 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
 - 8. Coordinate all tests and inspections.**
 - 9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
 - 10. Overtime, if required, to meet commitment to schedule.**
 - 11. Provide all layout requirements for this scope of work.**
 - 12. Provide all unloading, material handling and hoisting of own materials.**
 - 13. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
 - 14. Coordinate electrical connections with electrician.**
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-25 SIMULATED STONE COUNTERTOPS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all material, equipment, supervision for the following sections:

- Section 12 36 61 – Simulated Stone Countertops

Contract specifically includes, but is not necessarily limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime if required to meet commitment to schedule.
11. Provide all field verification.
12. Provide all layout requirements for this scope of work.
13. Provide all unloading, material handling and hoisting of own materials.
14. Provide and install interior countertops and sills.
15. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-26 SITE EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment supervision and other items necessary for the following sections:**

- **Section 12 93 00 – Site Equipment**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Provide all unloading, material handling and hoisting of own materials.**
13. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 01010 - SUMMARY OF WORK – #04-27 FIRE SUPPRESSION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:

- Section 07 84 13 – Penetration Firestopping (as it relates to scope of work),
- Section 21 04 00 – Common Requirements for Fire Suppression
- Section 21 05 00 – Common Work Results for Fire Suppression
- Section 21 05 53 – Identification for Fire Suppression Piping and Equipment
- Section 21 13 00 – Fire Suppression Sprinklers

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate installation of piping with all other trades before installation.
10. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to dumpsters provided by others.
11. Overtime, if required, to meet commitment to schedule.
12. Provide all layout requirements for this scope of work.
13. Provide all unloading, material handling and hoisting of own materials.
14. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK –#04-28 PLUMBING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 07 84 13 - Penetration Firestopping (as it relates to scope of work)
 - Division 22 – Plumbing (as it relates to plumbing).

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. At end of day, all duct ends and openings to be covered or as otherwise specified to keep ducts clean.
5. Begin piping from geothermal system after manifold.
6. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
7. Conformance with all city and local jurisdictional requirements.
8. Connection cost and utility consumption cost for on-site offices shall be by contractor.
9. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
10. Coordinate all tests and inspections.
11. Coordinate flushing/purging/water treatment with geothermal contractor to be completed by Geothermal contractor.
12. Coordinate inspections / testing as specified per scope of work.
13. Coordinate layout of all work with all other trades before installation.
14. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others. No less than every week (Friday) the site will be left clean of construction debris. This may require full time clean-up personnel.
15. Overtime if required to meet commitment to schedule.
16. Provide all excavation and backfill for all below grade pipe installation. Excess soil from excavation must be stockpiled in designated location onsite.
17. Provide all layout requirements for this scope of work.
18. Provide all unloading, material handling and hoisting of own materials.
19. Provide site management capable of ordering and tracing materials and subcontractors. The manager will be required to attend weekly coordination meetings with other contractors. During the first month, the manager may be required to attend more meetings to coordinate roof penetrations and routing of piping.
20. This scope of work includes connection to site utilities 5' outside of the building and includes the exterior grease traps. Also includes water lines to the aquatic play equipment.

21. Provide alternate add cost to provide Hydronic piping per Division 23- HVAC.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
 - 1. Project Location: Winnebago, NE
 - 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK –#04-29 HVAC

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 07 84 13 - Penetration Firestopping (as it relates to scope of work)
 - Division 23 – HVAC (as it relates to hydronic & HVAC).

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
 3. All closeout procedures, documentation, and warranties as required.
 4. At end of day, all duct ends and openings to be covered or as otherwise specified to keep ducts clean.
 5. Begin piping from geothermal system after manifold.
 6. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
 7. Conformance with all city and local jurisdictional requirements.
 8. Connection cost and utility consumption cost for on-site offices shall be by contractor.
 9. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
 10. Coordinate all tests and inspections.
 11. Coordinate flushing/purging/water treatment with geothermal contractor. To be completed by Geothermal contractor.
 12. Coordinate inspections / testing as specified per scope of work.
 13. Coordinate layout of all work with all other trades before installation.
 14. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others. No less than every week (Friday) the site will be left clean of construction debris. This may require full time clean-up personnel.
 15. Overtime if required to meet commitment to schedule.
 16. Provide all layout requirements for this scope of work.
 17. Provide all unloading, material handling and hoisting of own materials.
 18. Provide site management capable of ordering and tracing materials and subcontractors. The manager will be required to attend weekly coordination meetings with other contractors. During the first month, the manager will be required to attend more meetings to coordinate roof penetrations and routing of piping.
 19. Provide alternate price to provide and install the hydronic piping at specified.
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-30 ELECTRICAL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:**
- Section 07 84 13 – Penetration Firestopping (as it relates to scope of work)
 - Division 26 – Electrical
 - Division 27 – Communications
 - Division 28 – Electronic Safety and Security

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
 3. All closeout procedures, documentation, and warranties as required.
 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
 5. Conformance with all city and local jurisdictional requirements.
 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
 8. Coordinate all tests and inspections.
 9. Coordinate inspections / testing as specified per scope of work.
 10. Coordinate layout of all work with all other trades before installation.
 11. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others. No less than every week (Friday) the site will be left clean of all construction debris. This may require full time clean-up personnel.
 12. Include all concrete light pole bases and concrete support for transformers.
 13. Overtime, if required, to meet commitment to schedule.
 14. Provide all layout requirements for this scope of work.
 15. Provide all unloading, material handling and hoisting of own materials.
 16. Provide site project management capable of ordering, tracking materials and subcontractors. Project Manager will be required to attend weekly coordination meetings with the Construction Manager and other contractors. During the first month, the Project Manager will be required to attend more meetings to coordinate work.
 17. Provide temporary power and lighting for construction, energy costs paid by others.
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- A. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-31 EXTERIOR FINISH CARPENTRY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners, supervision and other items necessary to install the following sections:**
- **Section 06 20 13 – Exterior Finish Carpentry**

Contract specifically includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule**
11. **Provide all layout requirements for this scope of work**
12. **Provide all unloading, material handling and hoisting of own materials. Coordinate delivery of material with supplier and owner for unloading, installing and relocating.**
13. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-32 LINEAR METAL CEILINGS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 09 54 23 – Linear Metal Ceilings**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK - #04-33 – EARTHWORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 31 10 00 – Site Preparation
 - Section 31 22 20 - Earthwork

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
 3. All closeout procedures, documentation, and warranties as required.
 4. Cleaning street of dirt and debris caused by operations.
 5. Compliance with applicable OSHA and the Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
 6. Conformance with all city and local jurisdictional requirements.
 7. Conformance with all inspections as well as subsequent repairs if needed.
 8. Connection cost and utility consumption cost for on-site offices shall be by contractor.
 9. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
 10. Coordinate all tests and inspections.
 11. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
 12. Staking and surveying will be provided to accomplish grading and show that final grading meets design. Any incorrect grades will be corrected at no additional cost to the owner.
 13. Overtime, if required, to meet commitment to schedule.
 14. Project soils report.
 15. Provide all layout requirements for this scope of work.
 16. Provide dust control during the course of this scope of work.
 17. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- A. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE #04-34 TERMITE CONTROL

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 31 31 16 – Termite Control**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**
13. **Provide termite control as indicated on the plans and specifications.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-35 –PLANTS, IRRIGATION & SOD

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, supervision and other items necessary for the following sections:**
- **Section 32 1812 – Stabilized Decomposed Granite**
 - **Section 32 84 00 – Irrigation System- Performance Specification**
 - **Section 32 92 00 – Turfs and Grasses**
 - **Section 32 93 00 – Plants**
 - **Section 32 93 01 – Amended Soil**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
 2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
 3. **All closeout procedures, documentation, and warranties as required.**
 4. **Bidders are responsible for conducting a visit to the site to familiarize themselves with the conditions of the work and to verify the set-up of the existing system.**
 5. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
 6. **Conformance with all city and local jurisdictional requirements.**
 7. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
 8. **Contractors must provide a complete and functional system integrated with the Owners existing system. Additional cost will not be approved for failure to verify current layout conditions.**
 9. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
 10. **Coordinate all tests and inspections.**
 11. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
 12. **Overtime, if required, to meet commitment to schedule.**
 13. **Provide all layout requirements for this scope of work.**
 14. **Provide all unloading, material handling and hoisting of own materials.**
 15. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with Construction Manager and other contractors.**
 16. **Fine grading from +/- 1/10th to ensure proper drainage and surface preparation.**
- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.

- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE #04-36 CHAIN LINK FENCES & GATES

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 32 31 13 – Chain Link Fences & Gates**

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all layout requirements for this scope of work.
12. Provide all unloading, material handling and hoisting of own materials.
13. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.
14. Includes all concrete needed for post bases.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-37 GEOTHERMAL LOOP HEAT EXCHANGER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 31 22 20 – Earthwork – (As it relates to scope of work)
 - Section 23 04 00 – Common Requirements for HVAC
 - Section 23 05 53 – Identification for HVAC Piping and Equipment
 - Section 23 25 00 – HVAC Water Treatment
 - Section 33 21 21 – Ground Loop Heat Pump Piping.

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction manager.
5. Conformance with all City and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate purchasing, filling, cleaning and testing of the hydronic and geothermal system with the mechanical contractor. Purchasing, filling, cleaning and testing of the systems are to be split accordingly with mechanical contractor, per specifications.
10. Coordinate scope of work with all trades before installation.
11. Coordinate with mechanical and electrical contractors for start-up of equipment for temporary and permanent use.
12. Daily clean-up and any additional clean-up as directed by the Construction manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
13. Fill flush, purge, and provide water treatment or additives in the geothermal piping provided under this scope as well as the building. Coordinate with mechanical contractor prior to start.
14. Overtime if required to meet commitment to schedule
15. Provide all excavation and backfill for all pipe installation. Excess soil from excavation must be stockpiled in a single designated backfill piles on site. Remove only the topsoil necessary for excavation of laterals and header vault connections. Replace topsoil to original grades prior to work commencing. Final grading of the well field will be performed “by others”.
16. Provide all staking and layout requirements for this scope of work
17. Provide all unloading, material handling and hoisting of own materials.
18. Provide and install all material from the well field and including the manifold inside the building.
19. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE

2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK - #04-38 PAVERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary for the following sections:

- Section 32 14 13 – Unit Paving

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all required tests and inspections (testing cost paid for by others).
9. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all unloading, material handling and hoisting of own materials. Provide all field verification and coordination with other trades.
12. All gridlines and elevations necessary for completion of work will be provided once by others. No resurveying will be provided.
13. Superintendents or project managers will be required to attend weekly coordination meetings with other contractors.
14. Provide all grading to adjust from rough grading and provide all fill material required. Grade will be $\pm 1/10$ th of a foot.
15. Include providing and installing setting bed and aggregate base under unit paving.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK - #04-39 STRIPING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary for the following sections:

- Section 32 13 13 – Concrete Paving (as it relates to striping)

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all required tests and inspections (testing cost paid for by others).
9. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all unloading, material handling and hoisting of own materials. Provide all field verification and coordination with other trades.
12. Superintendents or project managers will be required to attend weekly coordination meetings with other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-40 - PLASTER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:

- Section 09 24 00 – Portland Cement Plastering

Contract specifically includes, but is not necessarily limited to, the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all City and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Coordinate inspections / testing as specified per scope of work.
10. Daily Cleanup and any additional cleanup as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others. No less than every week (Friday), site will be left clean of construction debris.
11. Overtime, if required, to meet commitment to schedule
12. Provide all layout requirements for this scope of work.
13. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with CMAR and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design

1. Project Location: Winnebago, NE
2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.

- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK – #04-41 SITE STONE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract, including Bidding And Contract Requirements (Division 00) and General Requirements (Division 01) of the Specifications, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Provide all labor, material, equipment, supervision and other items necessary to complete the following sections:
- Section 04 41 00 Site Stone Materials

Contract specifically includes, but is not limited to the following:

1. All permits, bonds, licenses, and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all layout requirements for this scope of work. Gridlines and elevations will be provided.
12. Provide all unloading, material handling and hoisting of own materials.
13. Coordinate work with all other trades.
14. Superintendents and/or project managers will be required to attend weekly coordination meetings with other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-42 WATERPROOFING

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
 - **Section 07 14 16 – Cold Fluid-Applied Waterproofing**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
 1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-43 AIR BARRIERS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 07 27 26 – Fluid Applied Membrane Air Barriers**

Contract includes, but is not limited to the following:

1. **All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
2. **All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
3. **All closeout procedures, documentation, and warranties as required.**
4. **Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
5. **Conformance with all city and local jurisdictional requirements.**
6. **Connection cost and utility consumption cost for on-site offices shall be by contractor.**
7. **Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
8. **Coordinate all tests and inspections.**
9. **Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
10. **Overtime, if required, to meet commitment to schedule.**
11. **Provide all layout requirements for this scope of work.**
12. **Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-44 CLAY ROOF TILES

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- Section 07 32 13 – Clay Roof Tiles
 - Section 07 32 13 – Clay Wall Tiles

Contract includes, but is not limited to the following:

1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.
2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.
3. All closeout procedures, documentation, and warranties as required.
4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.
5. Conformance with all city and local jurisdictional requirements.
6. Connection cost and utility consumption cost for on-site offices shall be by contractor.
7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.
8. Coordinate all tests and inspections.
9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.
10. Overtime, if required, to meet commitment to schedule.
11. Provide all layout requirements for this scope of work.
12. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-45 METAL ROOF PANELS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 07 41 13 – Metal Roof Panels**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 5. Conformance with all city and local jurisdictional requirements.**
- 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
- 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
- 8. Coordinate all tests and inspections.**
- 9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
- 10. Overtime, if required, to meet commitment to schedule.**
- 11. Provide all layout requirements for this scope of work.**
- 12. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-46 METAL WALL PANELS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 07 42 13 – Metal Wall Panels**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 5. Conformance with all city and local jurisdictional requirements.**
- 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
- 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
- 8. Coordinate all tests and inspections.**
- 9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
- 10. Overtime, if required, to meet commitment to schedule.**
- 11. Provide all layout requirements for this scope of work.**
- 12. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK

SECTION 010100 - SUMMARY OF WORK BID PACKAGE - #04-47 PHENOLIC PANELS

PART 1 - GENERAL

1.1 DOCUMENTS

- A. All Drawings, Specifications, Addenda, Bulletins and general provisions of the Contract including Bidding and Contract Requirements (Division 00) and General Requirements (Division 01) of the specifications, apply to this scope of work

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. **Provide all labor, material, equipment, fasteners and supervision to install the following sections:**
- **Section 07 42 16 – Solid Phenolic Wall Panels**

Contract includes, but is not limited to the following:

- 1. All permits, bonds, licenses, sales tax (as applicable), and applicable fees as required.**
- 2. All submittals and shop drawings shall be submitted to the Construction Manager within 30 days unless noted otherwise or required by contractually agreed upon schedule.**
- 3. All closeout procedures, documentation, and warranties as required.**
- 4. Compliance with applicable OSHA and Construction Manager Safety Standards and Regulations, the more stringent will apply to all issues. Coordinate with and promptly act on any safety concerns noted by the Construction Manager.**
- 5. Conformance with all city and local jurisdictional requirements.**
- 6. Connection cost and utility consumption cost for on-site offices shall be by contractor.**
- 7. Contractors will be responsible for taking and maintaining inventory of all received materials for their scope of work throughout the project. Missing items not identified at the time shipment is received will be the responsibility of the contractor to replace at no additional charge to the Owner.**
- 8. Coordinate all tests and inspections.**
- 9. Daily clean-up and any additional clean-up as directed by the Construction Manager, for all material, waste, and debris generated by this scope of work to a dumpster provided by others.**
- 10. Overtime, if required, to meet commitment to schedule.**
- 11. Provide all layout requirements for this scope of work.**
- 12. Superintendents and/or Project Managers will be required to attend progress and coordination meetings with the Construction Manager and other contractors.**

- B. Contract Documents were prepared for the Project by RDG Planning · Design
1. Project Location: Winnebago, NE
 2. Owner: Winnebago Tribe of Nebraska

1.3 WORK SEQUENCE/SCHEDULE

- A. See Milestone schedule for dates affecting this scope of work. A detailed activity schedule will be provided and become part of the Contractor Agreement prior to award of this contract.
- B. Time is of the essence on this project. Contractor/Construction Manager's project schedules will be updated periodically for the benefit and efficiency of all. All updated schedules will be considered agreed upon unless otherwise noted in writing within three days of the receipt of the updated schedule.

1.4 CONTRACTOR USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
- B. Smoking: Sampson Construction does not allow smoking or the use of any tobacco products within the building footprint. This applies to contractors and subcontractors.

END OF SUMMARY OF WORK