ADDENDUM 01

Ridgewood Rehabilitation and Care Center
624 Pinewood Avenue
Seward, Nebraska
May 17th, 2013

This Addendum modifies the original Contract Documents and Project Manual dated, May 1st, 2013 for the Ridgewood Rehabilitation and Care Center project. Bidders must acknowledge receipt of the Addendum on the Bid Form to Vetter Health Services, Inc.

Addenda to the Project Manual

AS1 The following is corrections to the Table of Contents pages 1, 2, 3 and 4

- **Section 047200 Cast Stone Masonry** should be deleted and is not part of the specifications.
- Section 061760 should be **Section 061753 Metal Plate Connected Wood Trusses.**
- **Section 066400 Plastic Paneling** should be added to Division 6.
- **Section 077129 Manufactured Roof Expansion Joints** should be added to Division 7 pages 1-4.
- **Section 083323 Overhead Coiling Doors** should be deleted and is not part of the specifications.
- **Section 085200 Wood Windows** should be deleted and is not part of the specifications.
- **Section 085413 Fiberglass Windows** should be added to Division 8 pages 1-5.
- **Section 102113 Toilet Compartments** should be added to Division 10 pages 1-5.
- **Section 107500 Flag Poles** should be added to Division 10 pages 1-4.
- **Section 223300 Domestic Water Heaters** should be deleted and is not part of the specifications.
- **Section 223400 Electric Hot Water Heaters** should be added to Division 22 pages 1-5.
- **Section 230700 Duct Insulation** should be added to Division 23 pages 1-5.
- **Section 262913 Motor Controls** should be added to Division 26 pages 1-4.

All of these corrections are in the Table of Contents the specification manual has all the correct sections within the manual.

AS2 The following is a clarification on Cabinet Type A within section 064023. Cabinet type A is based on the Merillat cabinet as specified and any custom cabinet and casework within the project that does not fit within the Merilatt standards should be based on matching the Merillat in design, style and color as custom cabinetry. Cabinet Type B remains as specified.

AS3 Please add the following specification section to the project manual.

Division 8 Section 086300 Metal Framed Skylights
(See specification section as attached to this addendum)

Kalwall Translucent Panel System is an approved equal to Major Industries Skylights as referenced on the drawings.

AS4 The following contracts have been awarded by Vetter Health Services, Inc for the project.

- All tree removal on site has been contracted. The trees will be removed and 4-5 foot high stumps will remain for the earth work contractor to remove from site.
- An asbestos abatement contractor has be awarded for all asbestos removal for the project.
- The Electrical contractor has been negotiated with the owner directly before the bidding of this project.

Addenda to the Drawings

AD1 Attached sheet AD-1 (modification to sheet A1.1) shows the necessary demolition and removal of existing door C29. This sheet also notes the reconfiguration of Hall C01 to enclose Stair C31 with a new door C31. The existing walls for storage room C02 will need to be removed and re-installed per the layout. All new walls to be Type A and go from floor to existing floor structure above to be rated 1 hour.

a. New door C31 to be a hollow metal door (F) and frame (F-1) and to be a 3’-0” x 6’-8” door, 45 minute rated with hardware set HDW-14.
b. Lighting and exit light will need to be added refer to electrical.

AD2 Attached sheet AD-2 (modification to sheet A1.1) shows the mirror and reverse swing of door assembly B43 to now swing into the building from the courtyard. Hardware set will now be HDW-11 for door B43. An exit light will need to be added outside of door B43 in the courtyard.

AD3 Attached sheet AD-2 (modification to sheet A1.1) also shows the removal of existing pocket door B24-2 and the re-installation of a new door in its place. The new door to be hollow metal (F) and frame (F-1) and be a 3’-0” x 6’-8” door with hardware set HDW-19. The door should have magnetic hold open

and closure that is tied to the fire alarm system. The door is to be 45 minute rated.

AD4 Attached sheet AD-3 (modification to sheet A1.2) shows the reverse swing of door assembly A45 and door A48 which will both now swing from the courtyard(s) back into the building. Both will change hardware sets to HDW-11. An exit light will need to be added outside both doors from within the courtyard(s).

AD5 Attached sheet AD-4 (as shown on sheet A0.7) shows a section of new sidewalk 26'-10" x 6'-0" that has been left off of the Civil drawings sheets CS101, CS201, CG201 and CG301 and should be included in the project.

See attached Mechanical and Electrical specification and drawing modifications. (Two sheets total)

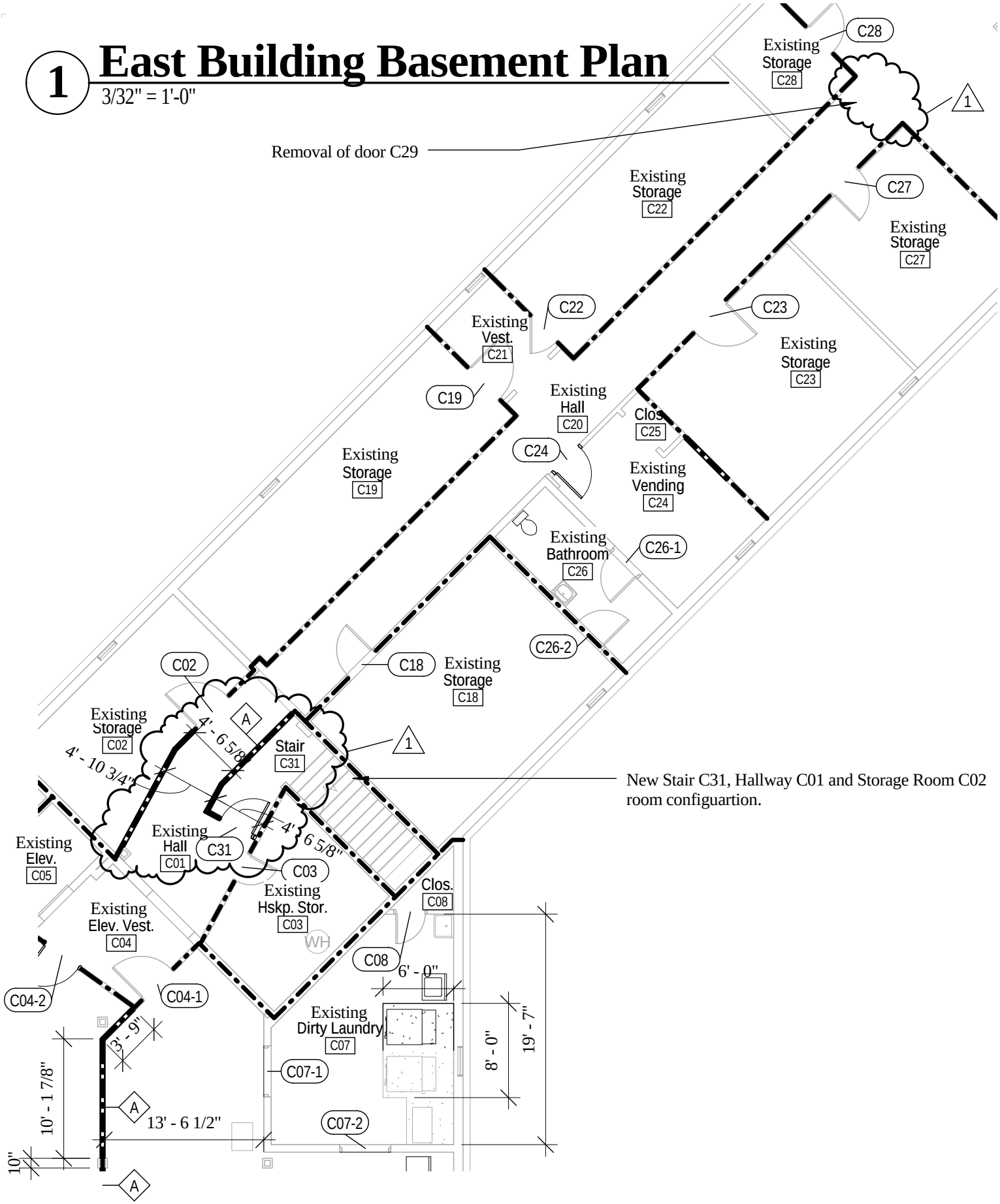
There has been a project walk through date set for May 22nd at 10:00 am at the east building entrance located at 624 Pinewood Avenue in Seward this will be the only scheduled project walk through before the bid date.

This concludes Addendum 01 for the Ridgewood Rehabilitation and Care Center project. If you have any question please call me at the number below.

John Sohl, AIA
Vetter Health Services, Inc.
Project Architect
402-885-6139
jsohl@vhsmail.com
www.vetterhealthservices.com

1 East Building Basement Plan

3/32" = 1'-0"



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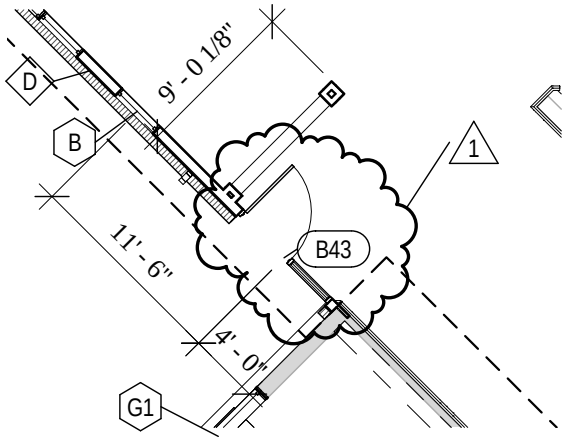
DATE: 5/1/2013
PROJECT #: 5203-42
DRAWN BY: JAS
CHK'D BY: MSE

AD-1

REVISION SCHEDULE	
REVISION	DATE
1	05/17/2013

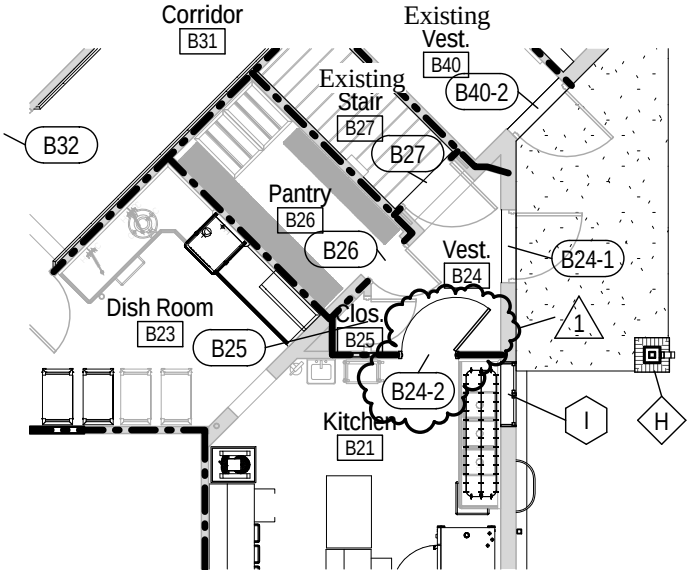
Ridgewood Rehabilitation & Care Center
624 Pinewood Avenue
Seward, Nebraska 68434

Vetter Health Services, Inc.
20220 Harney Street • Elkhorn, Nebraska 68022
(402) 895-3932 • fax (402) 895-8165



1 East Courtyard Door B43

3/32" = 1'-0"



2 Kitchen Door B24-2

3/32" = 1'-0"

DATE: 5/1/2013
PROJECT #: 5203-42
DRAWN BY: JAS
CHK'D BY: MSE

AD-2

REVISION SCHEDULE	
REVISION	DATE
1	05/17/2013

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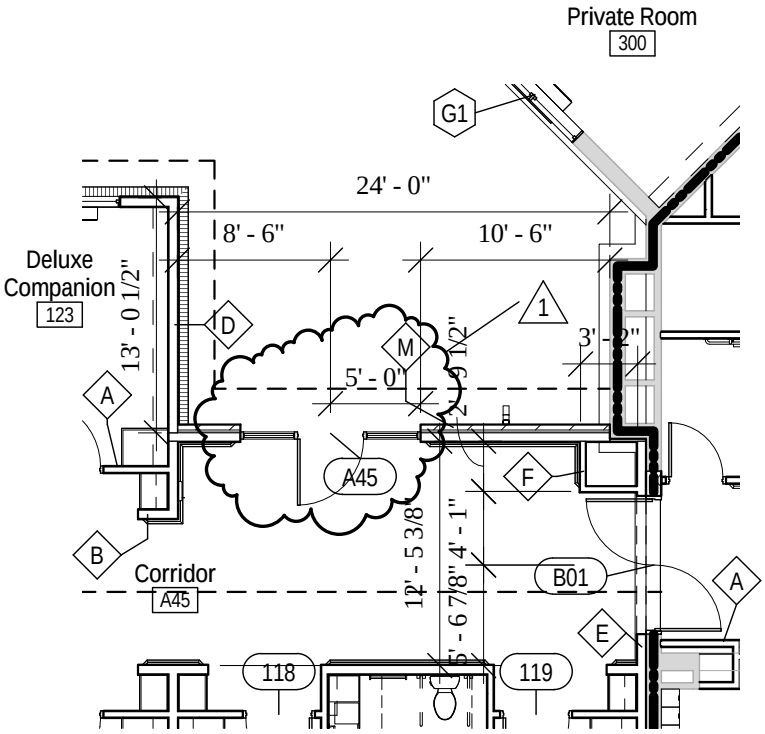
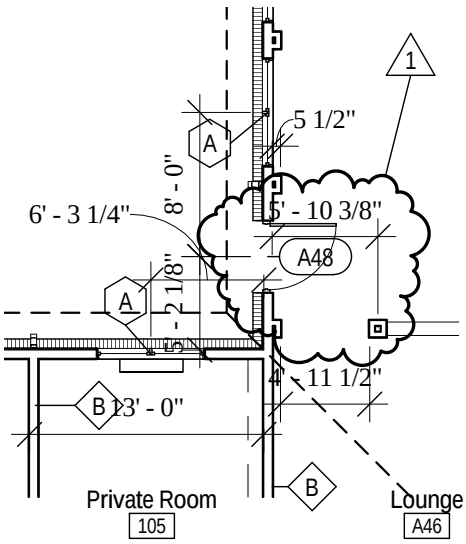


1 Central Courtyard Door A45

3/32" = 1'-0"



2 West Courtyard Door A48

3/32" = 1'-0"

DATE: 5/1/2013
PROJECT #: 5203-42
DRAWN BY: JAS
CHK'D BY: MSE

AD-3

REVISION SCHEDULE	
REVISION	DATE
1	05/17/2013

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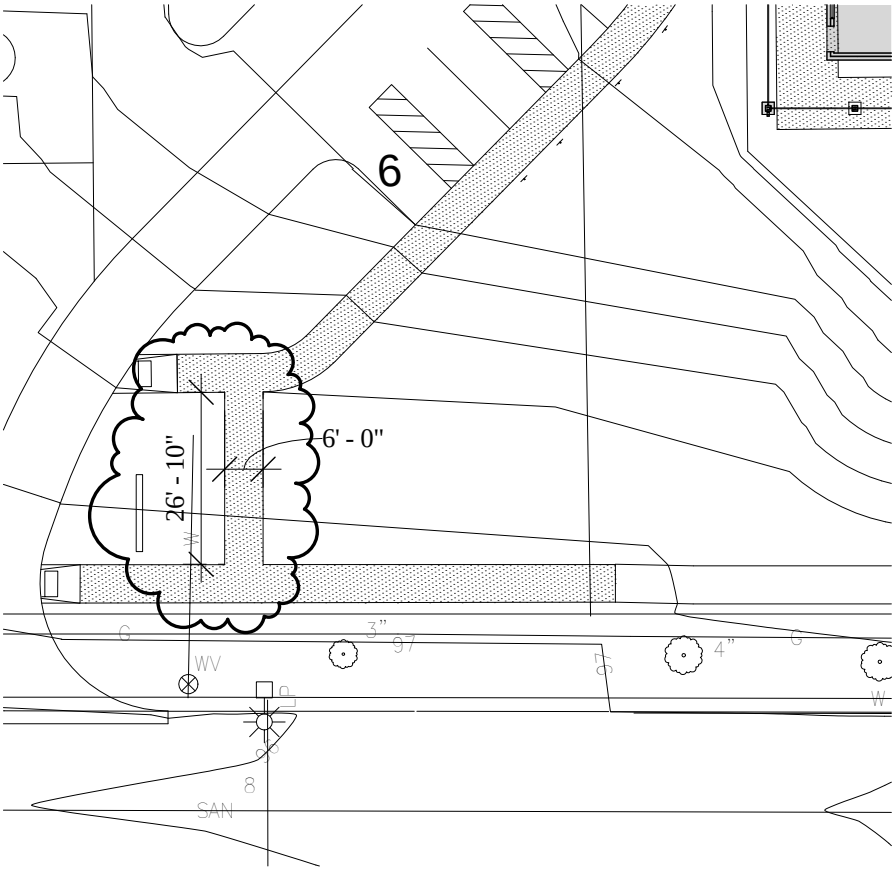

1 AD-1 Sidewalk

1" = 30'-0"

DATE: 5/1/2013
PROJECT #: 5203-42
DRAWN BY: JAS
CHK'D BY: MSE

AD-4

REVISION SCHEDULE	
REVISION	DATE
1	05/17/2013

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SECTION 086300 - METAL-FRAMED SKYLIGHTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes skylights with metal framing.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for metal-framed skylights.

B. Shop Drawings: For metal-framed skylights. Include plans, elevations, sections, details, and attachments to other work.

1. Include details of provisions for assembly expansion and contraction and for draining moisture within the assembly to the exterior.
2. Include full-size isometric details of each vertical-to-horizontal intersection of assembly, showing the following:

    a. Joinery including concealed welds.
    b. Anchorage.
    c. Expansion provisions.
    d. Glazing.
    e. Flashing and drainage.

C. Samples for Initial Selection: For units with factory-applied color finishes.

D. Compatibility and Adhesion Test Reports: For structural-sealant-glazed skylights, test reports from sealant manufacturer indicating that joint sealants have been tested for each material that will come in contact with sealants.

E. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for metal-framed skylights.

F. Field quality-control reports.

G. Warranties: Sample of special warranties.

1.4 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of metal-framed skylights required for this Project.

B. Testing Agency Qualifications: Qualified according to ASTM E 699 for testing indicated.

C. Product Options: Information on Drawings and in Specifications establishes requirements for skylights' aesthetic effects and performance characteristics. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction. Performance characteristics are indicated by criteria subject to verification by one or more methods including testing conducted by an independent testing agency and in-service performance.

1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

D. Welding Qualifications: Qualify procedures and personnel according to AWS D1.2/D1.2M, "Structural Welding Code - Aluminum."

E. Structural-Sealant Glazing: Comply with recommendations in ASTM C 1401, "Guide for Structural Sealant Glazing," for joint design and quality-control procedures.

1. Joint designs are reviewed and approved by structural-sealant manufacturer.
2. Quality-control program development and reporting comply with ASTM C 1401 recommendations for material qualification procedures, preconstruction sealant-testing program, and procedures and intervals for fabrication and installation reviews and checks.
3. Perform manufacturer's standard tests for compatibility and adhesion of sealants with each material that will come in contact with sealants.

1.5 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal-framed skylights that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including, but not limited to, excessive deflection.
b. Noise or vibration caused by thermal movements.
c. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
d. Adhesive or cohesive sealant failures.
e. Water leakage.

2. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

1. Acralight International Skylights.
2. Architectural Glazing Technologies.
3. Bristolite Skylights.
4. CPI Daylighting, Inc.
5. Exarc Skylights, Inc.
6. Gammans Skylight Systems.
7. GSI Glazed Structures, Inc.
8. Kalwall Translucent Panel System
9. Kawneer North America; an Alcoa company.
10. LinEl Signature.
11. Major Industries, Inc.; Auburn Skylights Division.
12. Naturalite Skylight Systems; Vistawall Group.
13. O'Keeffe's Inc.
14. Schuco USA, LP.
15. Skyline Sky-Lites, LLC.
16. Sunglo Skylight Products.
17. Super Sky Products, Inc.
18. J. Sussman, Inc.
19. TRACO.
20. United Skys, Inc.
21. Wasco Products, Inc.

2.2 PERFORMANCE REQUIREMENTS

A. General: Metal-framed skylights shall withstand the effects of the following without failure due to defective manufacture, fabrication, installation, or other defects in construction:

1. Structural loads.
2. Thermal movements.
3. Movements of supporting structure.
4. Dimensional tolerances of support system and other adjacent construction.
5. Failure includes, but is not limited to, the following:

    a. Deflection exceeding specified limits.
    b. Thermal stresses transferring to building structure.
    c. Framing members transferring stresses, including those caused by thermal and structural movements to glazing.
    d. Glazing-to-glazing contact.
    e. Noise or vibration created by wind and by thermal and structural movements.

f. Loosening or weakening of fasteners, attachments, and other components.
g. Sealant failure.

B. Delegated Design: Design metal-framed skylights, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

C. Structural Loads:

1. Wind Loads:

a. Basic Wind Speed: 100 mph (44 m/s)
b. Exposure Category: A.

D. Deflection of Framing Members: At design wind pressure, as follows:

1. Deflection Normal to Glazing Plane: Limited to edge of glass in a direction perpendicular to glass plane not exceeding L/175 of the glass edge length for each individual glazing lite or an amount that restricts edge deflection of individual glazing lites to 3/4 inch (19.1 mm), whichever is less.
2. Deflection Parallel to Glazing Plane: Limited to L/360 of clear span or 1/8 inch (3.2 mm), whichever is smaller

E. Lateral Bracing of Framing Members: Compression flanges of flexural members are laterally braced by cross members with minimum depth equal to 50 percent of flexural member that is braced. Glazing does not provide lateral support.

F. Structural-Test Performance: Provide metal-framed skylights tested according to ASTM E 330, as follows:

1. When tested at positive and negative wind-load design pressures, assemblies do not evidence deflection exceeding specified limits.
2. When tested at 150 percent of positive and negative wind-load design pressures, assemblies, including anchorage, do not evidence material failures, structural distress, and permanent deformation of main framing members exceeding 0.2 percent of span.
3. Test Durations: As required by design wind velocity, but not less than 10 seconds.

G. Windborne-Debris-Impact-Resistance Performance: Provide metal-framed skylights that pass missile-impact and cyclic-pressure tests when tested according to ASTM E 1886 and testing information in ASTM E 1996 for Wind Zone 4.

1. Large-Missile Test: For glazed openings located within 30 feet (9.1 m) of grade.
2. Small-Missile Test: For glazed openings located more than 30 feet (9.1 m) above grade.

H. Air Infiltration: Provide metal-framed skylights with maximum air leakage through fixed glazing and framing areas of 0.06 cfm/sq. ft. (0.03 L/s per sq. m) of fixed wall area when tested according to ASTM E 283 at a minimum static-air-pressure difference of 1.57 lbf/sq. ft. (75 Pa).

I. Water Penetration under Static Pressure: Provide metal-framed skylights that do not evidence water penetration through fixed glazing and framing areas when tested according to

ASTM E 331 at a minimum static-air-pressure difference of 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft. (300 Pa).

J. Water Penetration under Dynamic Pressure: Provide metal-framed skylights that do not evidence water leakage through fixed glazing and framing areas when tested according to AAMA 501.1 under dynamic pressure equal to 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft. (300 Pa).

1. Maximum Water Leakage: According to AAMA 501.1. Water leakage does not include water controlled by flashing and gutters that is drained to exterior and water that cannot damage adjacent materials or finishes.

K. Thermal Movements: Provide metal-framed skylights that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures. Base engineering calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

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

L. Condensation Resistance: Provide metal-framed skylights with fixed glazing and framing areas having condensation-resistance factor (CRF) of not less than 45 when tested according to AAMA 1503.

M. Structural Sealant: Capable of withstanding tensile and shear stresses imposed without failing adhesively or cohesively. When tested for preconstruction adhesion and compatibility, cohesive failure of sealant shall occur before adhesive failure.

N. Energy Performance: Provide metal-framed skylights with performance properties specified, as indicated in manufacturer's published test data, based on procedures indicated below.

1. Thermal Transmittance (U-Factor): Fixed glazing and framing areas shall have U-factor of not more than 0.80 Btu/sq. ft. x h x deg F (4.54 W/sq. m x K) as determined according to NFRC 100.
2. Solar Heat Gain Coefficient: Fixed glazing and framing areas shall have a solar heat gain coefficient of no greater than 0.6 as determined according to NFRC 200.

2.3 FRAMING SYSTEMS

A. Aluminum: Alloy and temper recommended in writing by manufacturer for type of use and finish indicated.

1. Sheet and Plate: ASTM B 209 (ASTM B 209M).
2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221 (ASTM B 221M).
3. Extruded Structural Pipe and Tubes: ASTM B 429/B 429M.
4. Structural Profiles: ASTM B 308/B 308M.
5. Welding Rods and Bare Electrodes: AWS A5.10/A5.10M.

B. Pressure Caps: Manufacturer's standard aluminum components that mechanically retain glazing.

1. Include snap-on aluminum trim that conceals fasteners.

C. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning skylight components.

D. Fasteners and Accessories: Manufacturer's standard, corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.

1. At pressure caps, use ASTM A 193/A 193M stainless-steel screws.
2. Use self-locking devices where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration.
3. Reinforce members as required to receive fastener threads.
4. Use exposed fasteners with countersunk Phillips screw heads, finished to match framing system.

E. Concrete and Masonry Inserts: Hot-dip galvanized cast-iron, malleable-iron, or steel inserts complying with ASTM A 123/A 123M or ASTM A 153/A 153M requirements.

F. Anchor Bolts: ASTM A 307, Grade A (ASTM F 568M, Property Class 4.6), galvanized steel.

G. Concealed Flashing: .Manufacturer's standard, corrosion-resistant, nonstaining, nonbleeding flashing compatible with adjacent materials.

H. Exposed Flashing and Closures: Manufacturer's standard aluminum components not less than .0.040 inch (1.016 mm).thick.

I. Framing Gaskets: .Manufacturer's standard..

J. Framing Sealants: As .recommended in writing by manufacturer..

K. Corrosion-Resistant Coating: Cold-applied asphalt mastic, compounded for 15-mil (0.4-mm) dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.4 GLAZING

A. Glazing: Selected from Manufactures standard translucent glazing colors.

B. Spacers, Setting Blocks, and Gaskets: Manufacturer's standard elastomeric types.

C. Bond-Breaker Tape: Manufacturer's standard tetrafluoroethylene-fluorocarbon or polyethylene material to which sealants will not develop adhesion.

D. Glazing Sealants: As recommended in writing by manufacturer.

1. Provide sealants for use inside of the weatherproofing system that have a VOC content as indicated when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
2. Structural Sealant: ASTM C 1184, neutral-curing silicone formulation compatible with system components with which it comes in contact, specifically formulated and tested for use as structural sealant, and approved by structural-sealant manufacturer for use in metal-framed skylights indicated.

a. VOC Content: 100 g/L or less.
b. Color: Black.

3. Weatherseal Sealant: ASTM C 920 for Type S, Grade NS, Class 25, Uses NT, G, A, and O; neutral-curing silicone formulation compatible with structural sealant and other components with which it comes in contact; and recommended in writing by structural- and weatherseal-sealant and metal-framed skylight manufacturers for this use.

a. VOC Content: 250 g/L or less.
b. Color: Matching structural sealant.

2.5 FABRICATION

A. Where practical, fit and assemble metal-framed skylights in manufacturer's plant. To ensure proper assembly at Project site, clearly identify work that cannot be permanently factory assembled before shipment.

B. Fabricate aluminum components before finishing.

C. Fabricate aluminum components that, when assembled, have the following characteristics:

1. Profiles that are sharp, straight, and free of defects or deformations.
2. Accurately fitted joints with ends coped or mitered.
3. Internal guttering systems or other means to drain water passing joints, condensation occurring within framing members, and moisture migrating within skylight to exterior.
4. Physical and thermal isolation of glazing from framing members.
5. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.

D. Fabricate aluminum sill closures with weep holes and for installation as continuous component.

E. Reinforce aluminum components as required to receive fastener threads.

F. Weld aluminum components in concealed locations to greatest extent possible to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.

G. Factory-Glazed, Metal-Framed Skylights:

1. Prepare surfaces that will contact structural sealant according to structural-sealant manufacturer's written instructions to ensure compatibility and adhesion. Preparation includes, but is not limited to, cleaning and priming surfaces.

H. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.6 ALUMINUM FINISHES

A. Color Anodic Finish: AAMA 611, AA-M12C22A42/A44, Class I, 0.018 mm or thicker.
1. Color: As selected by Architect from full range of industry colors and color densities.

2.7 SOURCE QUALITY CONTROL

A. Structural-Sealant Glazing: Perform quality-control procedures complying with ASTM C 1401 recommendations including, but not limited to, material qualification procedures, sealant testing, and fabrication reviews and checks.

PART 3 - EXECUTION

3.1 EXAMINATION

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

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General:

1. Comply with manufacturer's written instructions.
2. Do not install damaged components.
3. Fit joints between aluminum components to produce hairline joints free of burrs and distortion.
4. Rigidly secure nonmovement joints.
5. Install anchors with separators and isolators to prevent metal corrosion and electrolytic deterioration and to prevent impeding movement of moving joints.
6. Weld components in concealed locations to minimize distortion or discoloration of finish. Protect glazing surfaces from welding.
7. Seal joints watertight unless otherwise indicated.

B. Metal Protection: Where aluminum will contact dissimilar materials, protect against galvanic action by painting contact surfaces with protective coating or by installing nonconductive spacers as recommended in writing by manufacturer for this purpose.

C. Install continuous aluminum sill closure with weatherproof expansion joints and locked and sealed or welded corners. Locate weep holes at rafters.

D. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within skylight to exterior.

E. Install components plumb and true in alignment with established lines and elevations.

F. Install glazing as recommended by the manufacturer.

1. Structural-Sealant Glazing:

a. Prepare surfaces that will contact structural sealant according to structural-sealant manufacturer's written instructions to ensure compatibility and adhesion. Preparation includes, but is not limited to, cleaning and priming surfaces.

b. Install weatherseal sealant according to Division 07 Section "Joint Sealants" and according to weatherseal-sealant manufacturer's written instructions to produce weatherproof joints. Install joint filler behind weatherseal sealant as recommended in writing by weatherseal-sealant manufacturer.

G. Erection Tolerances: Install metal-framed skylights to comply with the following maximum tolerances:

1. Alignment: Limit offset from true alignment to 1/32 inch (0.8 mm) where surfaces abut in line, edge to edge, at corners, or where a reveal or protruding element separates aligned surfaces by less than 3 inches (76 mm); otherwise, limit offset to 1/8 inch (3.2 mm).
2. Location and Plane: Limit variation from true location and plane to 1/8 inch in 12 feet (3.2 mm in 3.7 m) but no greater than 1/2 inch (13 mm) over total length.

3.3 FIELD QUALITY CONTROL

A. Repair or remove work where test results and inspections indicate that it does not comply with specified requirements.

B. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

C. Prepare test and inspection reports.

END OF SECTION 086300

addendum

morrissey engineering inc
mechanical | electrical | technology | commissioning

addendum no. 1

date: May 17, 2013

bid date:

project name: Vetter Ridgewood Rehabilitation & Care Center

project no: 12292

This addendum is hereby made a part of the contract documents to the same extent as if it were originally included therein. Contract documents shall be considered modified or revised as hereinafter described.

Mechanical Specifications

1. The following manufacturers are approved for the listed items subject to compliance with the specifications.

    a. Specification 233113 - Metal Ducts and Accessories
        i. Louvers: Potorff

    b. Specification 238216 - Electric Duct Heaters
        i. Warren Technology

Mechanical Drawings

1. Sheet M7.1 - Mechanical Schedules

    a. Add the following to the "HVAC and Domestic Hot Water System Controls"

    10. Generator Operation. The following sequences shall be required when the building emergency generator is operating.

        10.1 ERV units (ERV-1, 2, 3, 4, 5, 6, and 7). During generator operation, the ERV unit DX cooling shall be deactivated and the gas heat shall be operational.

        10.2 Packaged Rooftop Unit (RTU-2). During generator operation, RTU-2 unit DX cooling shall be deactivated and the gas heat shall be operational.

        10.3 Packaged Rooftop units (RTU-1, 3, 4, and 5). During generator operation, these rooftop units shall be shut down.

Electrical Specifications

1. Section 26 32 13 – Packaged Engine Generators
    a. Revise paragraph B.1.a to 300 kW.

4940 North 118th Street
Omaha, NE 68164
P: 402.491.4144
www.morrisseyengineering.com

b. Revise paragraph B.1.e.2 to 800/3
c. Revise paragraph B.1.f.2 to 800 amp

Electrical Drawings

1. Sheet ES1.0 – Electrical Site Plan
    a. Revise detail reference contained in flag note E1 to 1/E7.01.

2. Sheet E1.0 – East Building Basement - Lighting Plan
    a. Reconfigure existing lighting fixtures in C01 and C02 to meet new corridor layout, see architectural sheets for corridor layout. Add type 23 exit light at new door to stairway.

3. Sheet E1.1 – East Building & Addition - Lighting Plan
    a. Provide type 37 exit sign on exterior of building in courtyard at door B43.

4. Sheet E1.2 – West Building Addition - Lighting Plan
    a. Provide type 37 exit sign on exterior of building in courtyards at doors A45 and A48.

5. Sheet E2.3 – Roof Plan - Electrical
    a. Revise circuit connection to RTU-4 to PMAS-73.
    b. Revise circuit connection to ERV-5 to PCRAS-80.

6. Sheet E3.1– East Building & Addition – Special Systems Plan
    a. Provide fire alarm smoke detectors on each side of door B24-2 and connection to magnetic hold open at door. Provide fire alarm relay to drop power to magnetic hold open and close door upon alarm signal from detector on either side of door. Existing pocket door is being removed and replaced with new swing door at this location, see architectural.

7. Sheet E4.1– Enlarged Unit Plans - Electrical
    a. Enlarged Renovation Private Room – Electrical: Revise 2x4 lighting fixture at resident bed to type 28A. Revise type 29 fixtures in resident room and closet to type 12A.

8. Sheet E5.1– Electrical Riser Diagrams
    a. Electrical Riser Diagram – Existing Building – New Work: Revise sizing at Diesel Generator to 300 kW. Revise output breaker size for critical branch to 800/3. Revise feeder sizes to ATS-CR and DPCRB to 800-4 (4-600 KCMIL, #1/0G in each of (2) 4”C.). Revise size of ATS-CR to 800 amp.

9. Sheet E6.1– Electrical Schedules
    a. Lighting Fixture Schedule: Add fixture type 12A. Fixture shall match fixture type 12, but shall be provided with Tenmat fire rated cover.
    b. Lighting Fixture Schedule: Add fixture type 28A. Fixture shall be Lithonia #2SP8 G 4 32 A12125 MVOLT GEB10RS or equal. Fixture shall be provided with 2 ballasts for inboard and outboard lamp switching. Fixture shall be provided with fire rated cover, see architectural plans.
    c. Distribution Panel Schedule: Revise main breaker size of DPCRB to 800 amps.

10. Sheet E6.2– Electrical Schedules
    a. Lighting Panel Schedule PMAS: Add 2-80/3 circuit breakers at circuit numbers 73 and 79 for RTU-4 and RTU-5 respectively.