Sampson Construction Co., Inc.
3730 South 14th Street
Lincoln, NE 68502
Phone: (402) 434-5450
FAX: (402) 434-5466

Bid Bulletin #02

PROJECT: Gateway Early Childhood Center
Bid Package #4
Omaha, NE

DATE: 12/5/14

This Bid Bulletin includes item 2-1 through 2-3. 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 their bid.

Item 2-1 Plumbing bids shall include the grease trap and sewer line into building. All other site utilities have been bid in a previous bid package.

Item 2-2 Bids for Division 26, 27, and 28 shall be submitted independently and directly to Sampson Construction. ***As further clarification, the intent is to have bids for communication cabling, electronic access control, and intrusion detection submitted directly to Sampson Construction. All other sections within Division 27 and 28 (audio-video and fire alarm) shall be included with the electrical bids. The electrician shall be responsible for rough in associated with communication cabling, access control, and intrusion detection.***

Item 2-3 Attached is Addendum E dated 12/5/14 from RDG Planning & Design.

END OF BID BULLETIN #02

December 5, 2014

ADDENDUM E

TO DRAWINGS AND SPECIFICATIONS FOR:

Gateway Early Childhood Center
Omaha, Nebraska
RDG Project No. 2014.129.00, 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 13, 2014. Bidders must acknowledge receipt of the Addendum on the Bid Form.

The following separate packages have been/will be issued:

Site Grading and Demolition Package	July 23, 2104
Structural Package	September 4, 2014
Site Utilities Package	September 11, 2014
Final Construction Documents	November 13, 2014

Corresponding addenda:

Addendum A	August 7, 2014	Site Grading and Demolition Package
Addendum B	September 17, 2014	Structural Package
Addendum C (Post Bid)	September 26, 2014	Site Utilities Package
Addendum D	November 24, 2014	Final Construction Documents
Addendum E	December 5, 2014	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.

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ADDENDA TO THE PROJECT MANUAL

Civil Specification Items

No items this addendum.

Landscape Specification Items

ELS-1 Section 04 41 02 – Site Stone Materials, Page 04 41 00-2:

A. Paragraph 2.1:

1. Subparagraph A, Quarry/Fabricator: Add ***"Higgins Stone, Wamego, Kansas"*** as an approved provider.

2. Subparagraph D: Change surface finish text to read, ***"All faces split/natural."***

B. Paragraph 2.2, Subparagraph A, Quarry/Fabricator: Add ***"Higgins Stone, Wamego, Kansas"*** as an approved provider.

ELS-2 Section 32 31 19 – Decorative Metal Fences and Gates, Page 32 31 19-3, Paragraph 2.1: Delete Subparagraph G in its entirety.

Architectural Specification Items

EGS-1 Section 01 21 00 – Allowances, Page 01 21 00-1, Paragraph 3.3: Add new Subparagraph D as follows:

D. Allowance No. 4 – Special Allowance for BEST Access Systems (Per Opening) $2,268.00

EGS-2 Section 01 23 00 – Alternates:

A. Page 01 23 00-4, Paragraph 3.2, Subparagraph I: Modify Item 2, "…with the exception of the 16 classroom child activity sink counters (reference Interior Elevations A3/A02.01 and A6/A02.01)" to read:

"…with the exception of the 16 classroom child activity sink counters (reference Interior Elevations A3/A02.01 and ***A4/A02.01***),…"

B. Page 01 23 00-5, Paragraph 3.2, Subparagraph P (Alternate 19 – Stepped Brick added by Addendum D): Modify Item 1 to read as follows:

1. Base Bid: Provide brick colors and blends as shown on brick banding elevations (Elevations A2, B2, C4, and D4 / A05.03). ***Provide brick stepping as indicated in Brick Banding Legend on Sheet A05.03.***

EGS-3 Section 04 20 00 – Unit Masonry,

A. Page 04 20 00-4, Paragraph 2.2: Add the following new Subparagraph B as follows:

B. Integral Water Repellent: Provide units made with integral water repellent for exposed units.

B. Page 04 20 00-5, Paragraph 2.4, Subparagraph E:

1. Item 1, Sub-Item a: Add the following product manufacturer:

5) United Products, Subsidiary of Lyman-Richey Corp; United Colored Mortar Cement.

2. Item 2: Revise to read as follows:

2. Mortar Color Basis of Design: United Colored Mortar Cement "Coffee."

C. Page 04 20 00-7, Paragraph 2.5, Subparagraph C: Add new Item 6 as follows:

6. Polymer Coated, Steel Drill Screws for Steel Studs: ASTM C 954 except manufactured with hex washer head and neoprene or EPDM washer, No. 10 diameter by length required to penetrate steel stud flange with not less than three exposed threads, and with organic polymer coating with salt spray resistance to red rust of more than 800 hours per ASTM B 117.

EGS-4 Section 07 14 16 – Cold Fluid-Applied Waterproofing:

A. Page 07 14 16-2, Paragraph 2.2, Subparagraph A, Item 1: Add the following product manufacturer:

e. W.R. Meadows; Hydralastic 836.

B. Page 07 14 16-3, Paragraph 2.5, Subparagraph B, Item 1: Add the following product manufacturer:

d. W.R. Meadows; Mel-Drain 5035.

EGS-5 Section 07 21 00 – Thermal Insulation, Page 07 21 00-2, Paragraph 2.1:

A. Subparagraph A, Item 1: Add the following product manufacturer:

d. ACH Foam Technologies.

B. Subparagraph B, Item 1: Add the following product manufacturer:

c. Firestone Building Products; Emverge CI.

EGS-6 Section 07 25 00 – Weather Barriers: Add new section. See attached Pages 07 25 00-1 through 07 25 00-4. The Contractor has the option of using the product specified in this section in lieu of those specified in Section 07 27 26 – Fluid-Applied Membrane Air Barriers.

EGS-7 Section 07 27 26 – Fluid-Applied Membrane Air Barriers:

A. Page 07 27 26-1:

1. Paragraph 1.6: Revise Subparagraph A to read:

A. Qualification Data: For Installer.

2. Paragraph 1.7, Subparagraph A: Delete Item 1 in its entirety.

B. Page 07 27 26-2, Paragraph 2.3, Subparagraph A, Item 1:

1. Sub-Item a: Add the following product manufacturers:

6) TK Products; TK AirMax 2104 Vapor Permeable.
7) Sto Corporation; Sto Gold Coat.

2. Sub-Item b: Add the following product manufacturers:

8) Sto Corporation; Sto Gold Coat.

EGS-8 Section 08 11 13 – Hollow Metal Doors and Frames, Page 08 11 13-2, Paragraph 2.1, Subparagraph A: Add the following product manufacturer:

6. Republic Doors and Frames.

EGS-9 Section 08 14 16 – Flush Wood Doors, Page 08 14 16-2, Paragraph 2.1, Subparagraph A: Add the following product manufacturer:

8. Oshkosh Door Company.

EGS-10 Section 08 71 00 – Door Hardware, Page 08 71 00-5, Paragraph 2.1, Subparagraph A: Add ***"Schlage 679-05HM 105005"*** to the approved list for door position switch.

EGS-11 Section 14 24 00 – Hydraulic Elevators, Page 14 24 00-2, Paragraph 2.1, Subparagraph A: Add the following manufacturer:

3. Schumacher Elevator Company.

Structural Specification Items

No items this addendum.

Mechanical Specification Items

EMS-1 Section 22 30 00 – Plumbing Equipment: The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

EMS-2 Section 23 21 13 – Hydronic Piping, Page 23 21 13-10, Paragraph 2.14, Subparagraph A: Add the following approved manufacturers:

6. Patterson.
7. American Wheatley.

EMS-3 Section 23 21 14 – Hydronic Specialties:

A. Page 23 21 14-2, Paragraph 2.1, Subparagraph A: Add the following approved manufacturer:

6. Patterson.

B. Page 23 21 14-3, Paragraph 2.3:

1. Subparagraph A, Item 1: Add the following approved manufacturers:

f. Spirotherm.
g. Patterson.

2. Subparagraph B, Item 1: Add the following approved manufacturers:

d. Spirotherm
e. Patterson.

C. Page 23 21 14-4, Paragraph 2.5, Subparagraph A: Add the following approved manufacturer:

8. American Wheatley.

EMS-4 Section 23 21 23 – Hydronic Pumps: The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

EMS-5 Section 23 25 00 – HVAC Water Treatment, Page 23 25 00-3, Paragraph 2.3, Subparagraph A: Add the following approved manufacturer:

5. General Treatment Products.

EMS-6 Section 23 33 00 – Air Duct Accessories:

A. Page 23 33 00-3, Paragraph 2.3, Subparagraph A: Add the following approved manufacturer:

13. United Enertech.

B. Page 23 33 00-4, Paragraph 2.4, Subparagraph A: Add the following approved manufacturer:

11. United Enertech.

C. Page 23 33 00-5, Paragraph 2.5, Subparagraph A: Add the following approved manufacturer:

14. United Enertech.

D. Page 23 33 00-6, Paragraph 2.7, Subparagraph A: Add the following approved manufacturer:

17. United Enertech.

E. Page 23 33 00-7, Paragraph 2.8, Subparagraph A: Add the following approved manufacturer:

11. United Enertech.

F. Page 23 33 00-8, Paragraph 2.10, Subparagraph A: Add the following approved manufacturer:

14. United Enertech.

G. Page 23 33 00-9, Paragraph 2.13, Subparagraph A: Add the following approved manufacturer:

12. United Enertech.

EMS-7 Section 23 52 16 – Condensing Boilers:

A. The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

B. Page 23 52 16-3:

1. Paragraph 2.1, Subparagraph A: Add the following approved manufacturers:

5. Camus Hydronics.
6. Burnham Hydronics.

2. Paragraph 2.2, Subparagraph A: Add the following approved manufacturers:

3. Camus Hydronics.
4. Burnham Hydronics.

EMS-8 Section 23 57 00 – Heat Exchangers for HVAC, Page 23 57 00-2, Paragraph 2.1, Subparagraph A: Add the following approved manufacturers:

10. GEA-PHE Systems.
11. Plate Concepts.

EMS-9 Section 23 65 13 – Forced-Draft Cooling Towers,

A. The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

B. Page 23 65 13-2, Paragraph 2.1: Add the following approved manufacturer:

D. Evapco.

EMS-10 Section 23 72 00 – Packaged Energy Recovery Ventilating Units:

A. The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

B. Page 23 72 00-3, Paragraph 2.1: Add the following approved manufacturer:

E. Valent.

EMS-11 Section 23 74 33 – Packaged Heating and Cooling Makeup Air Units: The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

EMS-12 Section 23 81 01 – Terminal Heat Transfer Units, Page 23 81 01-1, Paragraph 2.1, Subparagraph A: Add the following approved manufacturers:

5. REDD-I.
6. Raywall.

EMS-13 Section 23 81 46 – Water Source Heat Pumps: The following general comment applies to this entire section:

All individual equipment controllers shall be provided by Trane and be compatible with the Trane SC energy management system.

Electrical Specification Items

No items this addendum.

Telecommunications Specification Items

ETS-1 Section 28 13 00 – Electronic Access Control System:

A. Page 28 13 00-1: Replace Paragraph 1.2 in its entirety with the following paragraphs:

1.2 SPECIAL ALLOWANCE FOR BEST ACCESS SYSTEMS

A. See Specification Section 01020 "ALLOWANCES" for information on per-door unit pricing. The per-door unit price includes the following work from BEST Access Systems:

1. Head-end electronics serving the door, including start-up and programming.
2. Termination of wire at the head-end electronics.

3. *Furnishing and final connection of one (1) school lockdown station. Installation of the lockdown stations to be by accepted contractor.*
4. *Furnishing and final connection of one (1) remote annunciator. Installation of the remote annunciators to be by accepted contractor.*
5. *Include a sum in the bid proposal equal to the number of doors indicated on the Drawings multiplied by the per-door unit price to cover the work of BEST Access Systems. Also include all other costs associated with the remainder of the work indicated on the Contract Documents, submitting one lump sum bid amount for a turnkey installation as indicated on the Contract Documents.*

1.3 SYSTEM DESCRIPTION

A. Access Control: Distributed processing network system capable of providing complete access control and alarm monitoring. Building components interface fully with BEST B.A.S.I.S. head-end access control software. The head-end access control software is existing and provides network control throughout the school district.

B. System Requirements and Functional Performance: Minimum system features and performance shall include, unless otherwise indicated on the drawings:

1. *Provide a proximity-type card reader(s) at each door as indicated on drawings.*
2. *Provide wire and connections for all doors with integrated door hardware (electrified exit device, electrified mortise lock) furnished with door hardware.*
3. *Interface access controlled doors with automatic handicap door operators and push paddles. Each push paddle associated with an access controlled door shall be disabled while the door is locked (magnetic door lock is engaged). Provide relays, timers, and all ancillary components required to interface with automatic handicap door operator system.*
4. *Provide a "school lockdown" pull station at locations indicated on drawings. While engaged, pull station will:*
   a. *Override all exterior doors to locked state.*
   b. *Release all interior doors held open by fire alarm system magnetic hold-opens.*
5. *Connect to recessed magnetic door position contact furnished with door hardware at each leaf of each specified door as indicated on drawings. Connect to access control and monitoring system and generate a "propped" door alarm when a monitored door is left open for an extended and adjustable period of time. "Propped" door alarms shall also annunciate at custom remote annunciator.*
6. *Provide Category 3 plenum-rated 25-pair cables in minimum 1-1/2-inch conduit from electronic access control cabinet to each remote annunciator. Coordinate quantity of cables*

required with quantity of monitored doors on each annunciator, increase conduit size as required to maintain a maximum of 40% conduit fill (31% maximum conduit fill when using two cables). Cable tray may be used where available.

7. Provide Category 6 plenum-rated data cable from main electronic control system cabinet to Owner's Local Area Network switch. Provide connector at each end of data cable. Data cable and connectors shall comply with school district's most recent standards.

8. Interface with existing fire alarm control panel.

a. A general fire alarm shall unlock all doors with mag-locks. This unlock signal shall have top priority over all other controls.

b. Release all interior doors held open by magnetic hold-opens while panic "lock down" station pushbutton is depressed.

c. All modifications to fire alarm system shall use components U.L. listed and labeled with fire alarm control panel, installation methods shall retain U.L. listing and labeling of fire alarm system.

9. Capacity to program and schedule each individual door, or user-selected group of doors, as "locked," "unlocked," or "access controlled." Up to six (6) different schedules may be selected.

a. A "locked" door shall remain locked regardless of activity at the card reader.

b. An "unlocked" door shall remain unlocked regardless of activity at the card reader.

c. An "access controlled" door shall remain locked until an authorized card is used at the card reader. The use of an authorized card unlocks the associated door to allow entry. The door re-locks after entry.

B. Page 28 13 00-3:

1. Delete Paragraph 2.3 in its entirety.

2. Replace Paragraph 2.4 in its entirety with the following:

2.4 EXISTING SECURITY MANAGEMENT SYSTEM (SMS) SOFTWARE

A. AUTHENTICATION HARDWARE

1. Credentials:

a. Provide a quantity 100 125kHz proximity cards to the owner.

2. Proximity Reader:

a. Design Basis: HID Proximity – 125kHz Reader

b. Standard Mounting: Nominal 5-inch x 5-inch x 1-inch deep unit mounting over standard single gang or 4-inch square electrical boxes or directly to exterior wall surface without the use of a backbox. Read ranges up to 8-

inch depending on type of card. Host or internal control of multi-color L.E.D. and beeper. Internal beeper off switch for silent operation. HID ProxPro 5355 reader.

c. Mullion Mounting: Nominal 1.7-inch wide x 6.0-inch long x 1.0-inch deep. Installs directly on door frame or mullion without use of backbox. Read ranges up to 5.5-inch depending on type of card. Host or internal control of multi-color L.E.D. and beeper. Beeper local off switch for silent operation. HID MiniProx 5365 reader.

B. SECURE AND ACCESS DEVICES

1. Door Position Switch (DPS)

a. (Furnished with door hardware.)

b. Security Contractor shall provide cabling and connection to access control panel. Coordinate connection point with door hardware supplier.

c. Design Basis: Sentrol 1078.

d. Recessed DPS, SPDT.

2. Latch Bolt Monitor (LBM)

a. (Furnished with door hardware.)

b. Latch monitors shall be provided on doors as indicated on drawings.

c. Security Contractor shall provide cabling and connection to access control panel. Coordinate connection point with door hardware supplier.

3. Electrified Mortise Lock

a. (Furnished with door hardware.)

b. Electrified mortise locks shall be provided on doors as indicated on drawings. All electrified mortise locks shall be provided with integrated RQE and LBM. Security Contractor shall make all connections to devices for a complete and functional system. Security Contractor shall coordinate cabling connections to access control panel.

4. Electrified Exit Device

a. (Furnished with door hardware.)

b. Electrified exit devices shall be provided on all doors as indicated on drawings. All electrified panic bars shall have integrated RQE and LBM. Security Contractor shall make all connections to devices for a complete and functional system. Security Contractor shall coordinate cable connections to access control panel.

5. Wire Transfer Hinge

a. (Furnished with door hardware.)

b. A wire transfer hinge shall be provided on all doors with electrified mortise locks and exit devices. Security Contractor shall make all connections to devices for a complete and functional system. Security Contractor shall coordinate cabling connections to access control panel.

C. Page 28 13 00-6: Add Paragraph 2.5 as follows:

2.5 MISCELLANEOUS CONTROLS

A. Remote Annunciator: Recess wall mounted unit with L.E.D. lamps, alert tone, silence button, lamp test, alarm reset, and black finish. Provide and map one L.E.D. to each specified door. Provide two (2) L.E.D.'s as spare for future doors, label "Spare". L.E.D. shall be red to indicate a "propped" or "forced" door alarm and off otherwise. Alert tone shall sound when any L.E.D. is red, a momentary contact pushbutton silences alert tone and illuminates button. A reminder tone shall emit while annunciator is silenced. An alarm reset button resets all L.E.D. lamps and alert tone. A lamp test button illuminates all L.E.D.'s. Provide two-line engraved plaque "Propped Door Alarms, Forced Door Alarms" at annunciator. Provide engraved plaque adjacent to each L.E.D. lamp, plaque text (door designation) shall be furnished by the school district. Engraving of panel face shall also be acceptable, coordinate all text with Engineer prior to fabrication. Securitron custom monitor panel LCP-(# L.E.D.'s)-F-SLR-CUSTOM MODS with no lock control switches, or approved equivalent.

B. Panic Button (School Lock-Down): Recessed, maintained contact pushbutton with tamper-proof sounder cover. "Emergency" is permanently engraved on pushbutton faceplate. Federal Signal PSEMSC-R.

ETS-2 Section 28 16 00 - Intrusion Detection System:

A. Page 28 16 00-3, Paragraph 2.6: Delete Subparagraphs A and D.

B. Page 28 16 00-4, Paragraph 2.6: Delete Subparagraphs E, F, G, H, I, and J.

ADDENDA TO THE DRAWINGS

Civil Drawing Items

No items this addendum.

Landscape Drawing Items

ELD-1 Sheet L3.01:

A. Added actuator bollard at front entrance per attached Supplemental Drawing SDL-002.

B. Updated legend per attached Supplemental Drawing SDL-003.

ELD-2 Sheet L5.01: Updated Detail B1 per attached Supplemental Drawing SDL-001.

Architectural Drawing Items

EGD-1 Shet A1.02 – Floor Plan Level 2: At interior storefront west of Door 244.1 labeled as Window Type W12, change to ***"W31."***

EGD-2 Sheet A05.01 – Exterior Elevations (See attached Supplemental Drawings SDA-016 and SDA-024):

A. A2 – "South Elevation," Two W5 Windows Located between Column Lines 1 and 2:

1. Modify window tag from W5 to ***"W30."***

2. Modify height of these windows from 1'-4" to ***2'-0"***.

3. Modify height above finish floor of these windows to ***1'-4"***.

B. B2 – "North Elevation," W5 Window Located between Column Lines 1 and 2:

1. Modify window tag from W5 to ***"W30."***

2. Modify height of this window from 1'-4" to ***2'-0"***.

3. Modify height above finish floor of this window to ***1'-4"***.

C. D4 – "West Elevation:" Brick veneer expansion joints indicated.

EGD-3 Sheet A05.03 – Brick Banding Elevations (Reissued):

A. A2 – "South Elevation:" Brick veneer expansion joints indicated.

B. B1 – "Stepped Brick Rules:" Add "Brick Stepping Summary" as shown to clarify brick stepping. Modify note at window head as shown to clarify that the single course of Color 1 brick should not extend beyond window head conditions.

C. B2 – "North Elevation:" Brick veneer expansion joints indicated. Add typical note indicating brick at head conditions for both Base Bid and Alternate 19.

D. C4 – "East Elevation:" Brick veneer expansion joints indicated.

E. Brick Banding Legend: Update type designations to clarify base bid brick stepping.

EGD-4 Sheet A07.01 – Wall Sections:

A. Disregard brick stepping shown on wall sections; refer to Sheet A05.03 brick banding elevations for location and depth of stepped brick.

B. At Wall Section A1, remove note calling out lip brick. Lip brick is not necessary at steel channel lintel conditions.

EGD-5 Sheet A07.02 – Wall Sections:

A. Disregard brick stepping shown on wall sections; refer to Sheet A05.03 brick banding elevations for location and depth of stepped brick.

B. At Wall Section A1, modify sill and head elevations as indicated on attached Supplemental Drawing SDA-017.

EGD-6 Sheet A07.04 – Wall Sections: Disregard brick stepping shown on wall sections; refer to Sheet A05.03 brick banding elevations for location and depth of stepped brick.

EGD-7 Sheet A07.05 – Wall Sections:

A. Disregard brick stepping shown on wall sections; refer to Sheet A05.03 brick banding elevations for location and depth of stepped brick.

B. At Wall Section A5, remove note calling out lip brick. Lip brick is not necessary at steel channel lintel conditions.

EGD-8 Sheet A08.01 – Enlarged Stair Plan and Sections:

A. Revise Section C1 per attached Supplemental Drawing SDA-020.

B. Add new Stair Gate Jamb Detail B1 per attached Supplemental Drawing SDA-021.

EGD-9 Sheet A10.02 – "Door / Window Details:"

A. Add Window Elevation ***"W30"*** to correspond to change in size of three windows previously called out as "W5." See attached Supplemental Drawing SDA-018.

B. Add new Window Elevation ***"W31"*** as shown in attached Supplemental Drawing SDA-023.

EGD-10 Sheet A10.04 – Door/Window Details: Revise Detail D4 per attached Supplemental Drawing SDA-019.

EGD-11 Sheet A10.05 – Door/Window Details: Add new Window Head/Sill Detail C6.1 per attached Supplemental Drawing SDA-022.

EGD-12 Sheet A14.01 – General Details:

A. Detail A5: Remove note calling out lip brick. Lip brick is not necessary at steel channel lintel conditions.

B. Detail C1: Change note at window head flashing to read, ***"Through Wall Flashing."***

EGD-13 Sheet A14.02 – General Details, Detail A3: Change note at flashing at bottom of wall to read, ***"Through Wall Flashing."***

Structural Drawing Items

No items this addendum.

Mechanical Drawing Items

EMD-1 Sheet M5.0 – Mechanical Schedules: Modify diffuser register and grille schedule to include finish. See revisions as indicated on attached Mechanical Sketch Sheet SDM-004.

EMD-2 Sheet P4.0 – Plumbing Details, Detail 6/P4.0 – Exterior Grease Interceptor: Modify detail to include sizing information. See revisions as indicated on attached Mechanical Sketch Sheet SDP-002.

Electrical Drawing Items

EED-1 Sheet E4.0, Enlarged Plans – Electrical:

A. Revised receptacle layout and added cooling tower filtration system and circuit on Enlarged Mechanical 114 Plan – Power.

B. Added Flag Note 10 to indicate cooling tower filtration system on plans.

EED-2 Sheet E6.0, Lighting Fixture Schedule:

A. Lighting fixtures, equivalent to those specified, and manufactured by the following are acceptable for the fixture types listed:

1. Type 1/1E – Corelite.
2. Type LED1 – Prudential.
3. Type 2/2E – Metalux.
4. Type LED2 – Metalux.
5. Type 3/3E - Halo Comm.
6. Type LED3 – Portfolio.
7. Type 4 – Halo Comm.
8. Type 5/5E – Metalux.
9. Type 6/6E – Metalux.
10. Type 7/7E – Architectural Lighting Works.
11. Type LED7 – Architectural Lighting Works.
12. Type 8/8E – Birchwood Lighting.
13. Type 9 – Advent Lighting/SPI.
14. Type 11 – McGraw Edison.
15. Type 12/12E – Impact Architectural.
16. Type LED12 – Impact Architectural.
17. Type 13 – Teron Lighting.
18. Type 14 – Architectural Lighting Works.
19. Type 15 – Architectural Lighting Works.
20. Type 16 – Sure-lites.
21. Type 17 – Trace-Lite.
22. Type 19/19E – Corelite, PAL.
23. Type 20/20E – Portfolio.
24. Type 21/21E – Portfolio.
25. Type 22 – Portfolio.

B. Equipment Connection Schedule:

1. Revised information for P-2A and P-2B to clarify information for combination starters by adding Remark 5.

2. Added Remark 5 to clarify information on combination starters. Remark 5 reads:

5. Combination starters shall be NEMA rated FVNR and include fused safety switch, HOA switch, pilot light, 1NC/1NO auxiliary contacts in NEMA 1 enclosure.

EED-3 Sheet E6.1, Electrical Panel Schedules: It is acceptable to use series rated circuit breakers for GFCI type circuit breakers only in Panels 1W, 2N, and 2S to meet the required AIC rating.

EED-4 Sheet E6.2, Electrical Schedules: Revised Panel Schedule 'M' to reflect changes to cooling tower filtration system. Circuit M-31 now shows the connection for cooling tower filtration system.

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 E

DB/SL/jm

Enclosure:
Section 07 25 00 – Weather Barriers
Supplemental Drawings SDL-001, SDL-002, and SDL-003
Supplemental Drawings SDA-016 through SDA-024
Supplemental Drawing SDM-004
Supplemental Drawing SDP-002
Supplemental Drawings SDE-001, SDE-002, and SDE-003
Reissued Sheet A05.03

SECTION 07 25 00 - WEATHER BARRIERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 GENERAL REQUIREMENTS: This Specification shall be read as a whole by all parties concerned. Each Section may contain more or less the complete Work of any trade. The Contractor is solely responsible to make clear to the subcontractors the extent of their Work and coordinate overlapping Work.

1.3 SYSTEM DESCRIPTION:

A. Supply labor, materials, and equipment for a fully-adhered, water-resistive, vapor-permeable air barrier membrane system.

B. Complete Work as shown on the Drawings and specified herein to bridge gaps and seal the water-resistive, vapor-permeable, air barrier membrane against air leakage and water intrusion.

1. Connections of the walls to the roof membrane.
2. Connections of the walls to the foundations.
3. Seismic and expansion joints.
4. Openings and penetrations of window and door frames, storefront, and curtain wall.
5. Piping, conduit, duct, and similar penetrations.
6. Masonry ties, screws, bolts, and similar penetrations.
7. All other air leakage pathways in the building envelope.

C. Install primary water-resistive, vapor-permeable air barrier, flashing, and ventilation strip accessories.

1.4 REFERENCE STANDARDS:

A. American Association of Textile Chemists and Colorists (AATCC): ATCC 127 - Test Method for Water Resistance: Hydrostatic pressure test.

B. ASTM International (ASTM):

1. ASTM D 882 - Test Method for Tensile Properties of Thin Plastic Sheeting.
2. ASTM E 84 - Test Method for Surface Burning Characteristics of Building Materials.
3. ASTM E 96/E 96M - Test Methods for Water Vapor Transmission of Materials.
4. ASTM E 283 - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.
5. ASTM E 2178 - Standard Test Method for Air Permeance of Building Materials.
6. ASTM E 2357 - Standard Test Method for Determining Air Leakage of Air Barrier Assemblies.

C. International Code Council Evaluation Service, Inc. (ICC-ES): ICC-ES AC38 - Acceptance Criteria for Water-Resistive Barriers.

1.5 ACTION SUBMITTALS:

A. Product Data: For each type of product.

1. For building wrap, include data on air and water-vapor permeance based on testing according to referenced standards.

PART 2 - PRODUCTS

2.1 MATERIALS:

A. Primary self-adhered, water-resistive, vapor-permeable air barrier membrane components and accessories must be obtained as a single-source to ensure total system compatibility and integrity.

1. Self-adhered, water-resistive, vapor-permeable air barrier membrane by VaproShield LLC., Gig Harbor, WA, Phone (866) 731-7663, Email: info@VaproShield.com, Website: www.vaproshield.com.

B. Water-Resistive, Vapor-Permeable Air Barrier Materials:

1. Primary self-adhered air barrier sheet membrane shall be WrapShield SA® Self-Adhered, Water-Resistive, Vapor-Permeable Air Barrier Sheet by VaproShield, a zero VOC self-adhered, vapor-permeable, air barrier sheet membrane consisting of multiple layers of UV stabilized spun-bonded polypropylene having the following properties:

a. Color: Orange with allowable UV exposure for 180 days; provide black at open joint rain screen systems.
b. Air Leakage: <0.01 cfm/ft. sq. when tested in accordance with ASTM E 2357 and <0.0000263 cfm/sq. ft. @ 75 Pa (0.000134 L/s/m sq @ 75 Pa) when tested in accordance with ASTM E 2178.
c. Water Vapor Permeance Tested to ASTM E 96 Method B: 50 perms (2875ng/Pa.s.m2).
d. Water Resistance Tested to AATCC 127, 550 mm Hydrostatic Head for Five Hours: No leakage.
e. Tensile Strength Tested to ASTM D 882: 44.8 lbf/inch (78 N/mm), machine direction; 25 lbf/inch (43.8 N/mm), cross-machine direction.
f. Application Temperature: Ambient temperature must be above 20 degrees F.
g. Surface Burning Characteristics Tested to ASTM E 84: Class A, flame-spread index of less than 10, smoke-development index of less than 15.
h. Physical Dimensions: 0.026 inches (0.65 mm) thick and 59 inches (1.5 m) wide and 8.26 oz per sq. yd.

C. Water-Resistive, Vapor-Permeable Transition and Flashing Membrane:

1. Self-adhered air barrier transition and flashing membrane shall be VaproFlashing SA™ by VaproShield, a zero VOC self-adhered water-resistive vapor permeable membrane having the following properties:

a. VaproFlashing SA™ Orange: 11-3/4 inches or 19 2/3 inches wide x 164 feet (black at open joint rain screen systems).
b. Air Leakage: <0.0000263 cfm/sq. ft. @ 75 Pa (0.000134 L/s/m sq @ 75 Pa) when tested in accordance with ASTM E 2178.
c. Water Vapor Permeance Tested to ASTM E 96 Method B: 50 perms (2875ng/Pa.s.m2).
d. Water Resistance Tested to AATCC 127, 550 mm Hydrostatic Head for Five Hours: No leakage.

D. Vaproliqui-Flash™ Vapor Permeable Water Resistive Flashing for Rough Openings:

1. Window and door flashing shall be VaproLiqui-Flash by VaproShield, a liquid-applied vapor-permeable air barrier flashing material with vapor permeance and resistance to air leakage properties compatible with the primary air barrier membrane.

E. Water-Resistive Weather Barrier Batten Accessories:

1. Water-resistive weather barrier batten and ventilation accessories by VaproShield shall be made of black PVC material.

a. VaproBatten™: Black vinyl extrusion with pre-formed fastener and moisture drainage channels configured to create a ventilated airspace between wall cladding and weather-resistive barrier.

2.2 PENETRATION SEALANT:

A. Provide sealant for penetrations as recommended by manufacturer and as specified under Division 07 Section "Joint Sealants." Appropriate sealants shall be Dow 758 or VaproLiqui-Flash.

B. Nails and Staples: ASTM F 1667.

PART 3 - EXECUTION

3.1 GENERAL:

A. Verify that surfaces and conditions are ready to accept the Work of this section. Notify Architect in writing of any discrepancies. Commencement of the Work or any parts thereof shall mean acceptance of the prepared substrates.

B. All surfaces must be dry, sound, clean, and free of oil, grease, dirt, excess mortar, or other contaminants detrimental to the adhesion of the water-resistive air barrier membrane and flashings. Fill voids and gaps in substrate greater than 1/4-inch in width to provide an even surface. Strike masonry joints full-flush.

C. Minimum application temperature self-adhered membrane and flashings to be above 20 degrees F (minus 6.0 degrees C).

D. Ensure all preparatory Work is complete prior to applying primary self-adhered, vapor-permeable, air barrier sheet membrane.

E. Mechanical fasteners used to secure sheathing boards or penetrate sheathing boards shall be set flush with sheathing and fastened into solid backing.

3.2 FASTENING CLIPS AND MASONRY TIES:

A. Install clips and masonry ties over primary self-adhered, vapor-permeable, air barrier membrane.

B. Secure clips and masonry ties with corrosion-resistant, or stainless steel screws with gasketed fasteners.

C. Consult VaproShield Technical Services for recommendations on appropriate masonry tie types and methods to seal penetrations.

3.3 FIELD QUALITY CONTROL:

A. Make notification when sections of work are complete to allow review prior to covering self-adhered, water-resistive, vapor-permeable air barrier system.

B. Owner to engage independent consultant to observe substrate and membrane installation prior to placement of cladding systems and provide written documentation of observations.

3.4 PROTECTION:

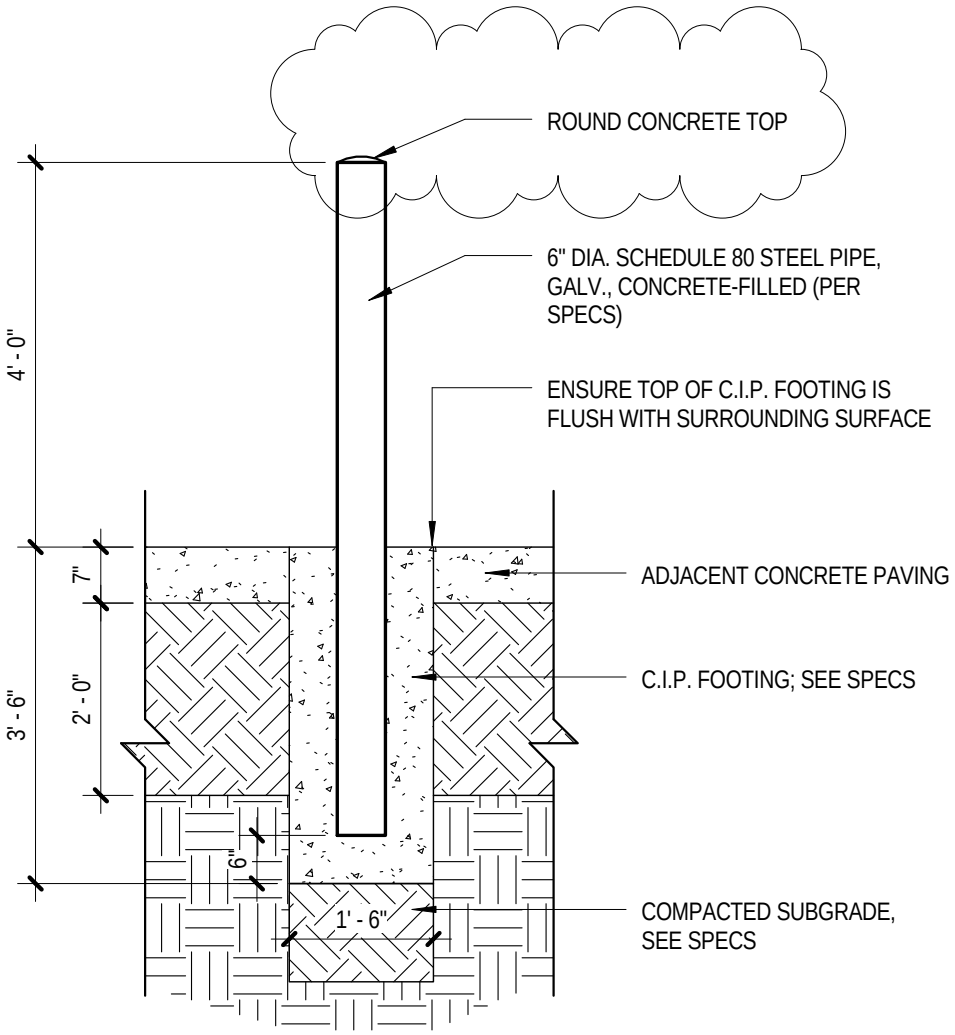
A. Protect wall areas covered with self-adhered, water-resistive, vapor-permeable air barrier from damage due to construction activities, high wind conditions, and extended exposure to inclement weather.

B. Review condition of self-adhered, water-resistive, vapor-permeable air barrier prior to installation of cladding. Repair or remove and replace damaged sections with new membrane.

C. Recommend to cap and protect exposed back-up walls against wet weather conditions during and after application of membrane, including wall openings and construction activity above completed self-adhered, water-resistive, vapor-permeable air barrier installations.

D. Remove and replace water-resistive weather barrier membrane affected by chemical spills or surfactants.

END OF SECTION 07 25 00



B1 TYP. SECTION - STEEL SECURITY BOLLARD - ADD-E

1/2" = 1'-0"

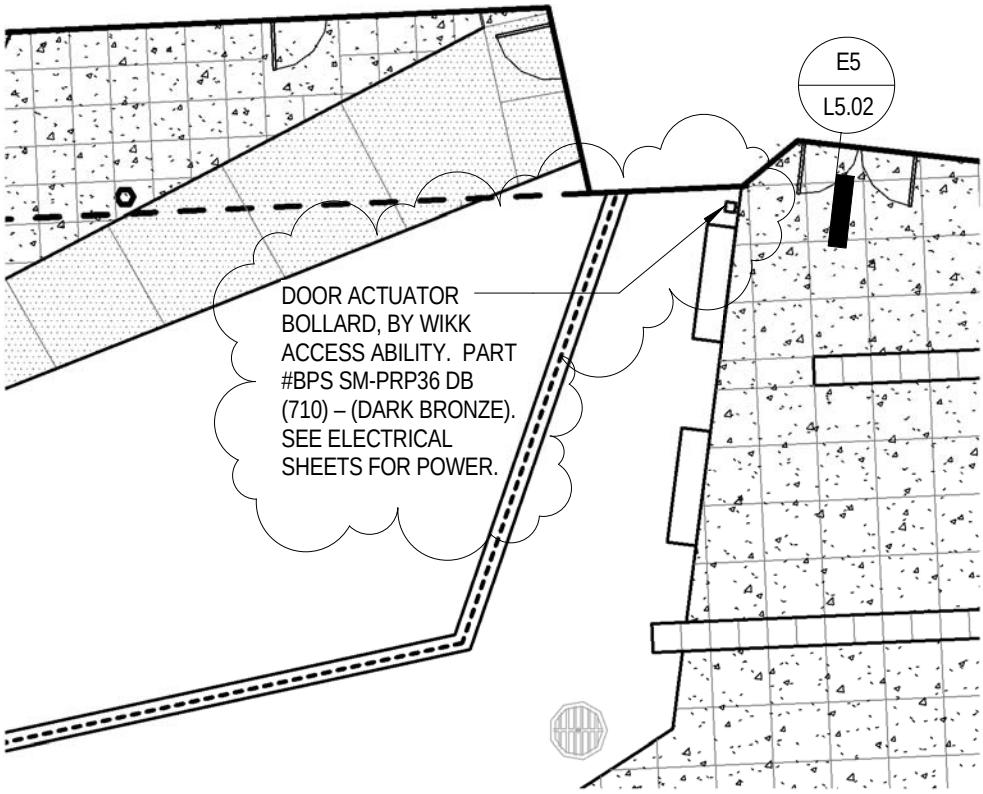
Project Number:	Date:	Change to Sheet:	Drawing:
2014.405.01	12/04/14	B1/L5.01	SDL-001

RDg... PLANNING ● DESIGN

OMAHA PUBLIC SCHOOLS

ADD-E

GATEWAY EARLY CHILDHOOD CENTER



A2 SITE LAYOUT PLAN

1" = 10'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.405.01	12/04/14	A2/L3.01	SDL-002

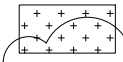
OMAHA PUBLIC SCHOOLS

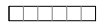
ADD-E

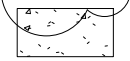
GATEWAY EARLY CHILDHOOD CENTER

LAYOUT PLAN LEGEND


RUBBERIZED SURFACING - SEE E4/L5.01


SYTHETIC TURF - SEE E5/L5.01


5" PCC SIDEWALK TYPE 2 (COLORED CONCRETE) - ALTERNATE #13 - SEE A4/L5.02


5" PCC SIDEWALK TYPE 1 - SEE A4/L5.02


5" PCC SIDEWALK TYPE 2 (COLORED CONCRETE) - ALTERNATE #13 - SEE A4/L5.02


7" PCC PAVEMENT - SEE B4/L5.02

FENCE - 6' TALL AT PERIMETER, 4' AT DIVISIONS BETWEEN PLAY AREAS. 4' FENCING WILL BE SALVAGED FENCING FROM THE ECC BUILDING PLAYGROUND

CONCRETE MOW STRIP AT FENCE - ALTERNATE #9, SEE SPECS


FLAGSTONE PAVERS, SEE E6, L5.01


PARKING LOT SITE LIGHTING, SEE ELEC.


PEDESTRIAN SITE LIGHTING, SEE ELEC.


C.I.P. BENCH - SEE D4/L5.01


AREA DRAIN - SEE CIVIL

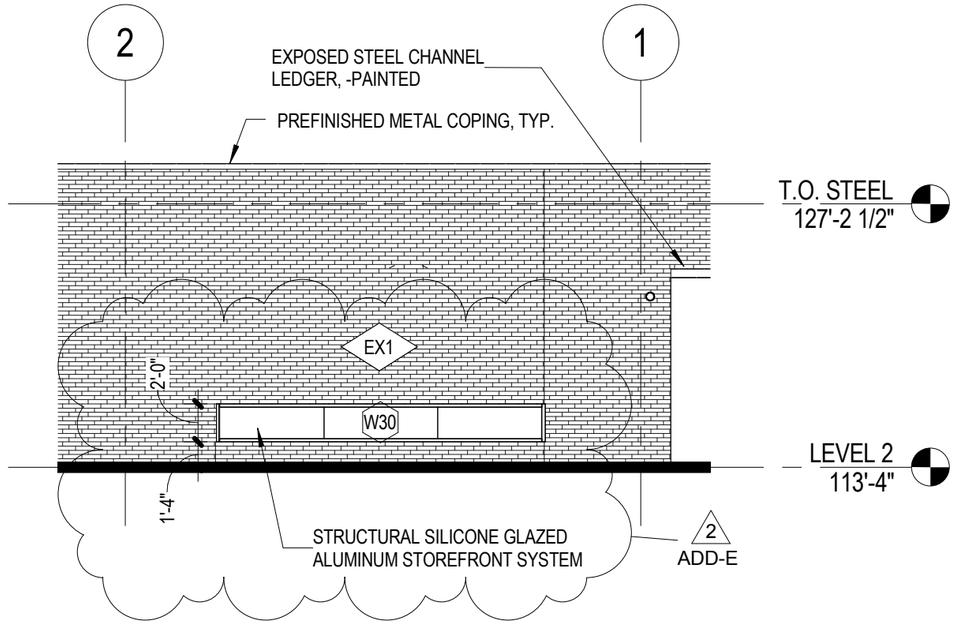
RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.405.01	12/04/14	L3.01	SDL-003

OMAHA PUBLIC SCHOOLS

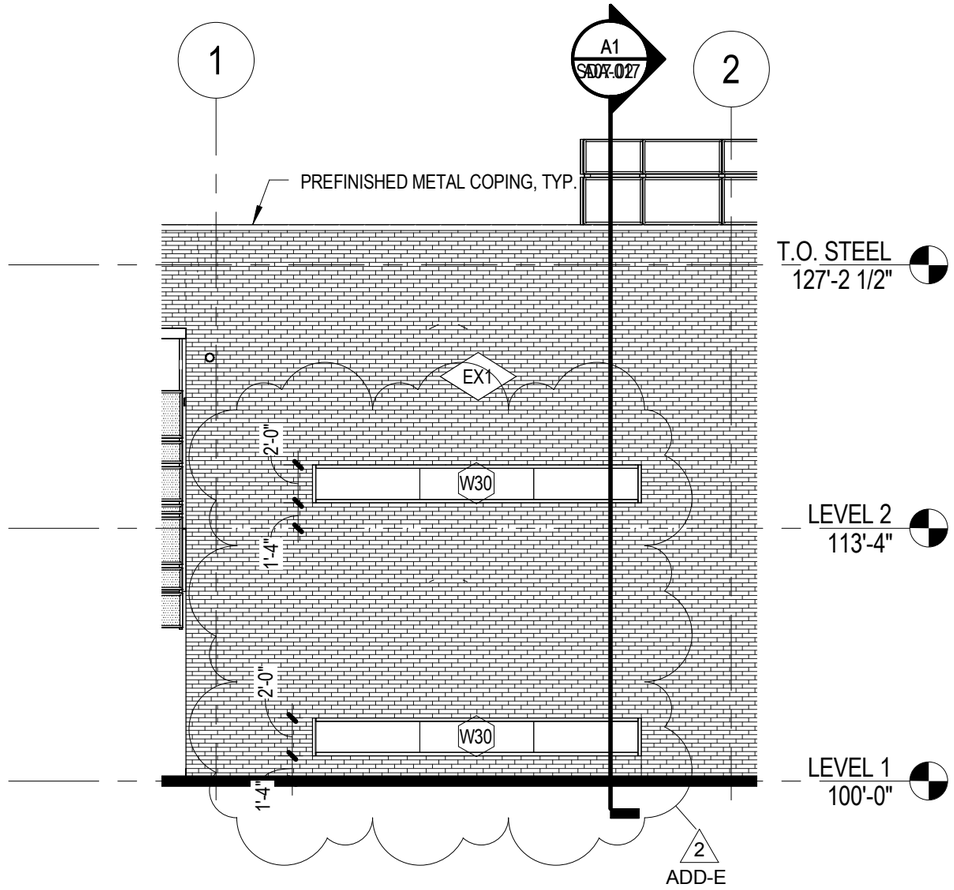
ADD-E

GATEWAY EARLY CHILDHOOD CENTER



B2 NORTH ELEVATION

1/8" = 1'-0"



A2 SOUTH ELEVATION

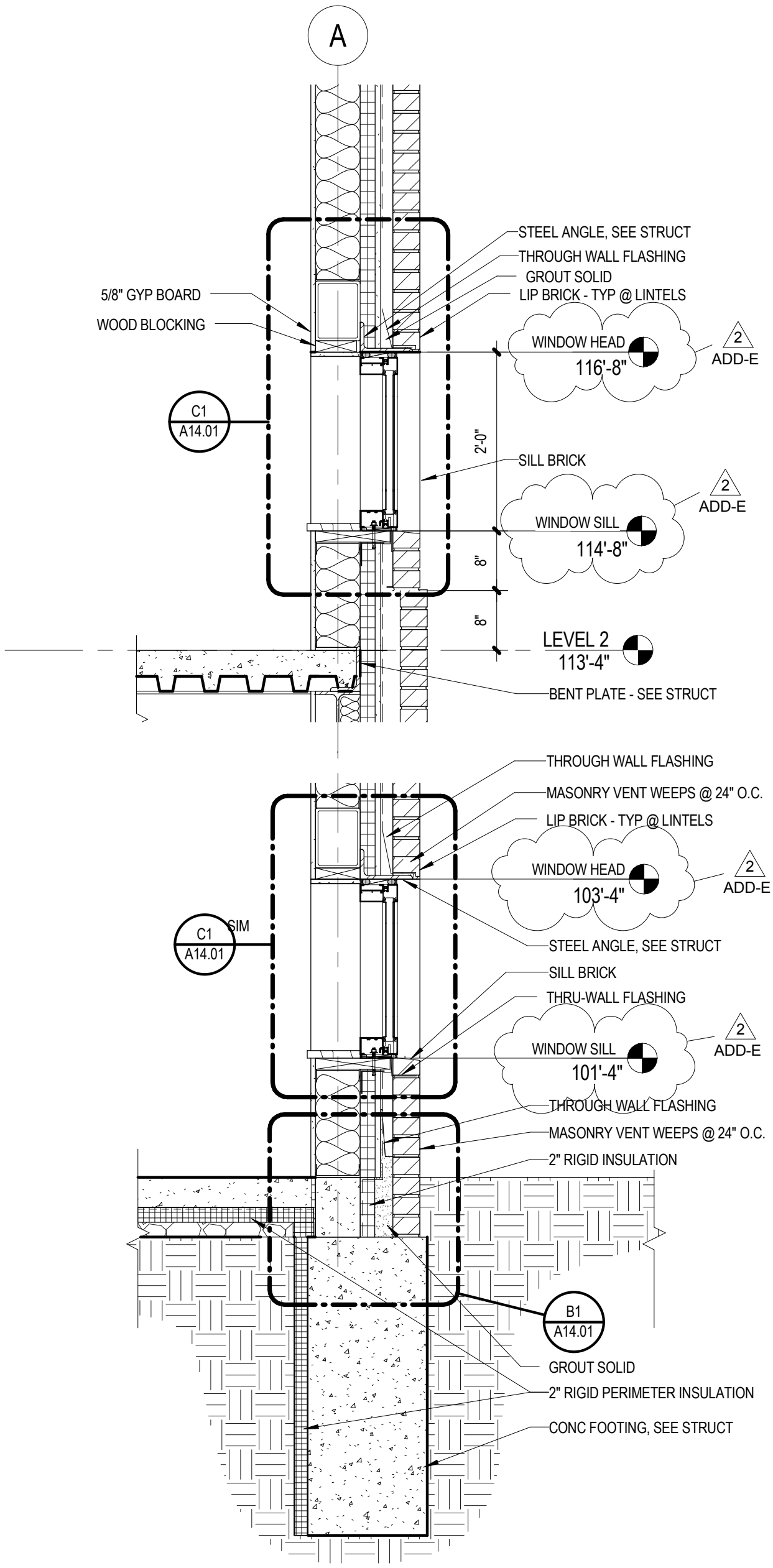
1/8" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Add to Sheet:	Drawing:
2014.129.00	12/02/14	A05.01	SDA-016

ADD-E

GATEWAY EARLY CHILDHOOD CENTER



A1 WALL SECTION

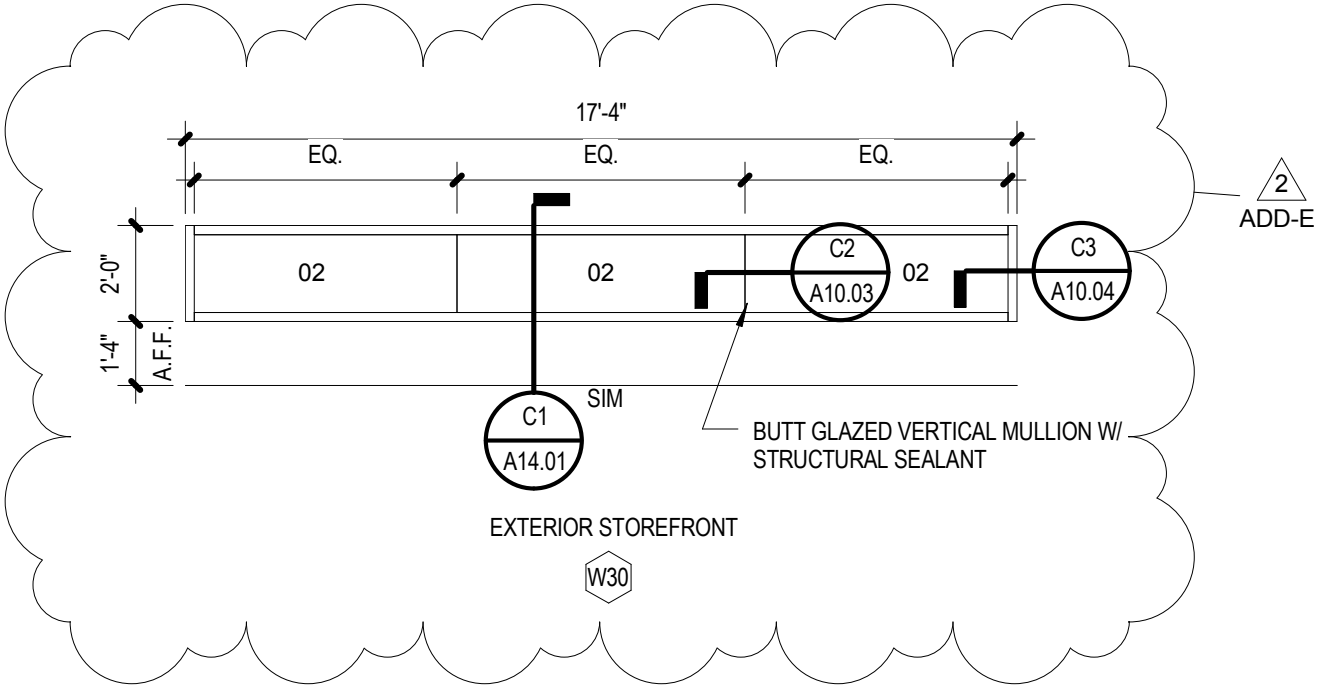
3/4" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Add to Sheet:	Drawing:
2014.129.00	12/02/14	A07.02	SDA-017

ADD-E

GATEWAY EARLY CHILDHOOD CENTER

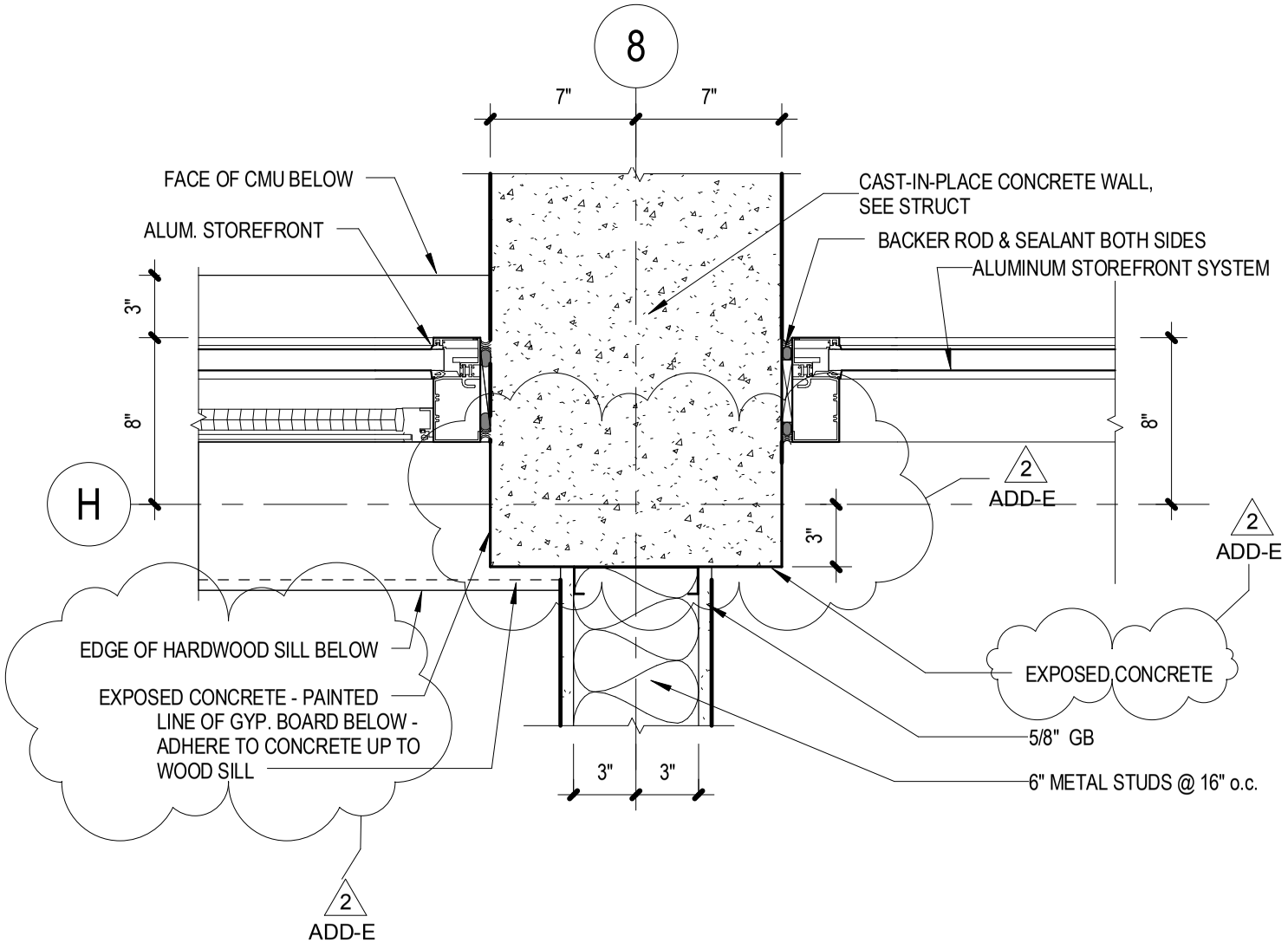


RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/03/14	A10.02	SDA-018

GATEWAY EARLY CHILDHOOD CENTER

ADD-E



D4 STOREFRONT JAMB @ CONC. WALL

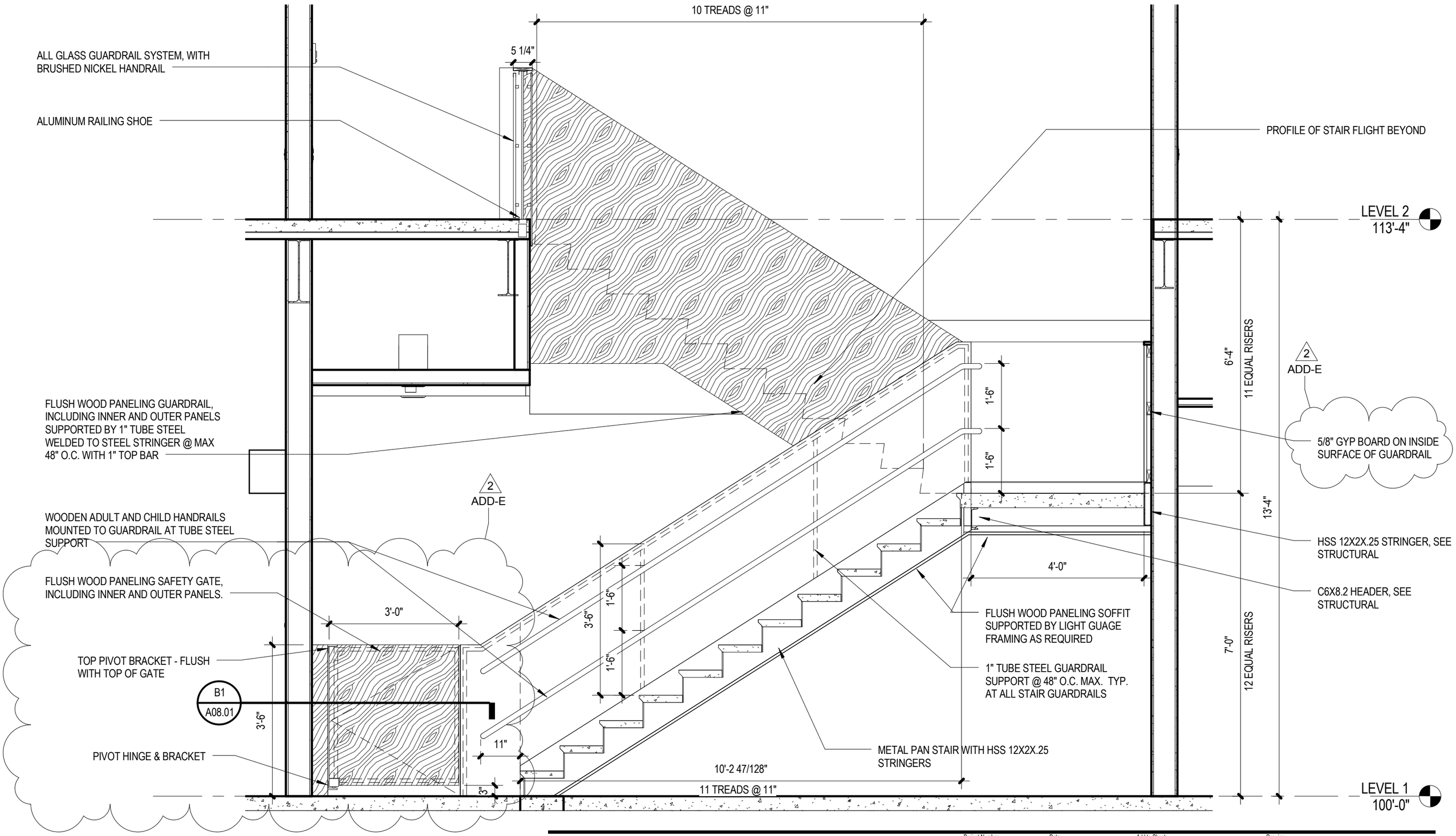
1 1/2" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/05/14	A10.04	SDA-019

GATEWAY EARLY CHILDHOOD CENTER

ADD-E



C1 STAIR - LOWER FLIGHT

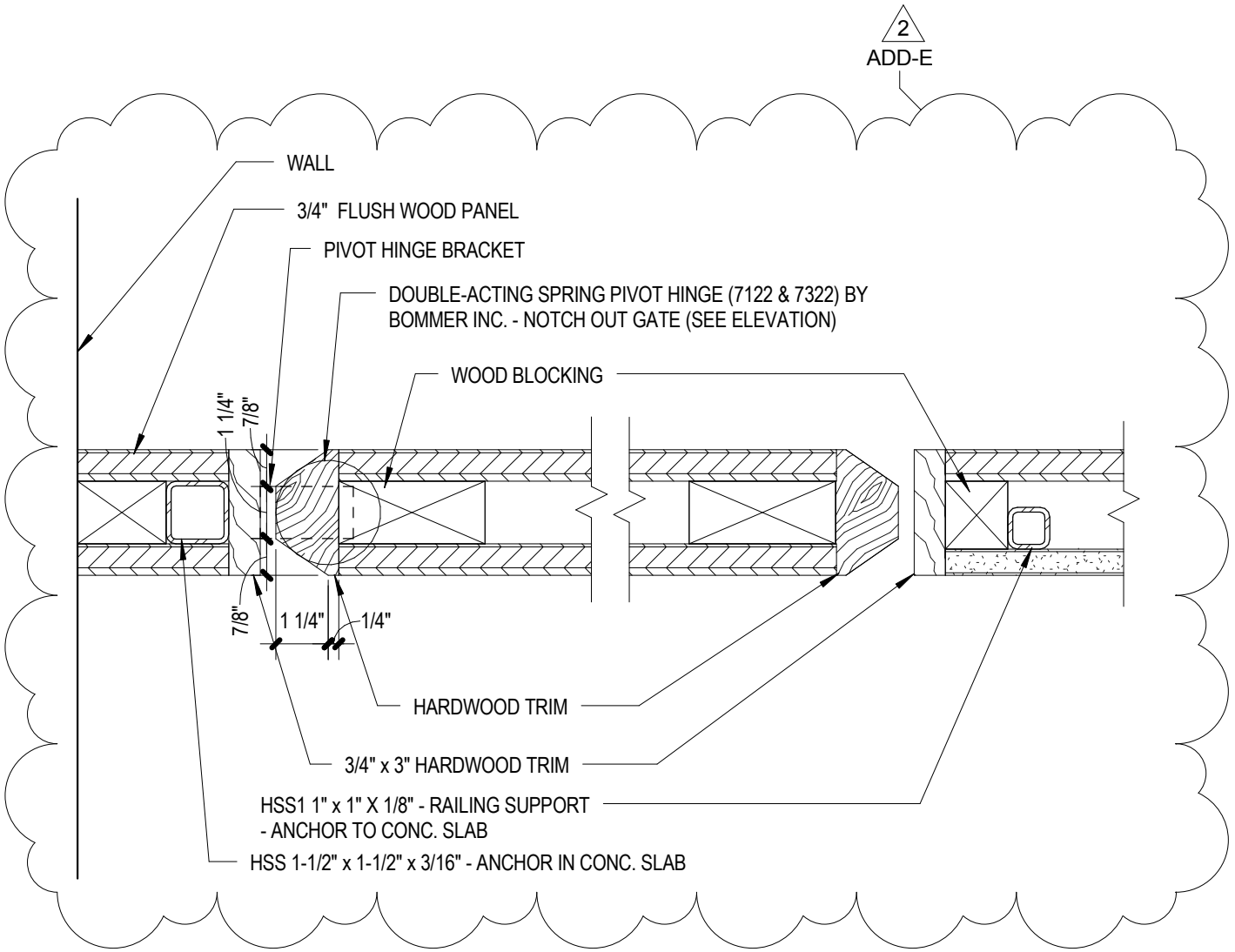
1/2" = 1'-0"

RDg PLANNING ● DESIGN

Project Number:	Date:	Add to Sheet:	Drawing:
2014.129.00	12/05/14	A08.01	SDA-020

ADD-E

GATEWAY EARLY CHILDHOOD CENTER



B1 STAIR GATE JAMB DETAIL

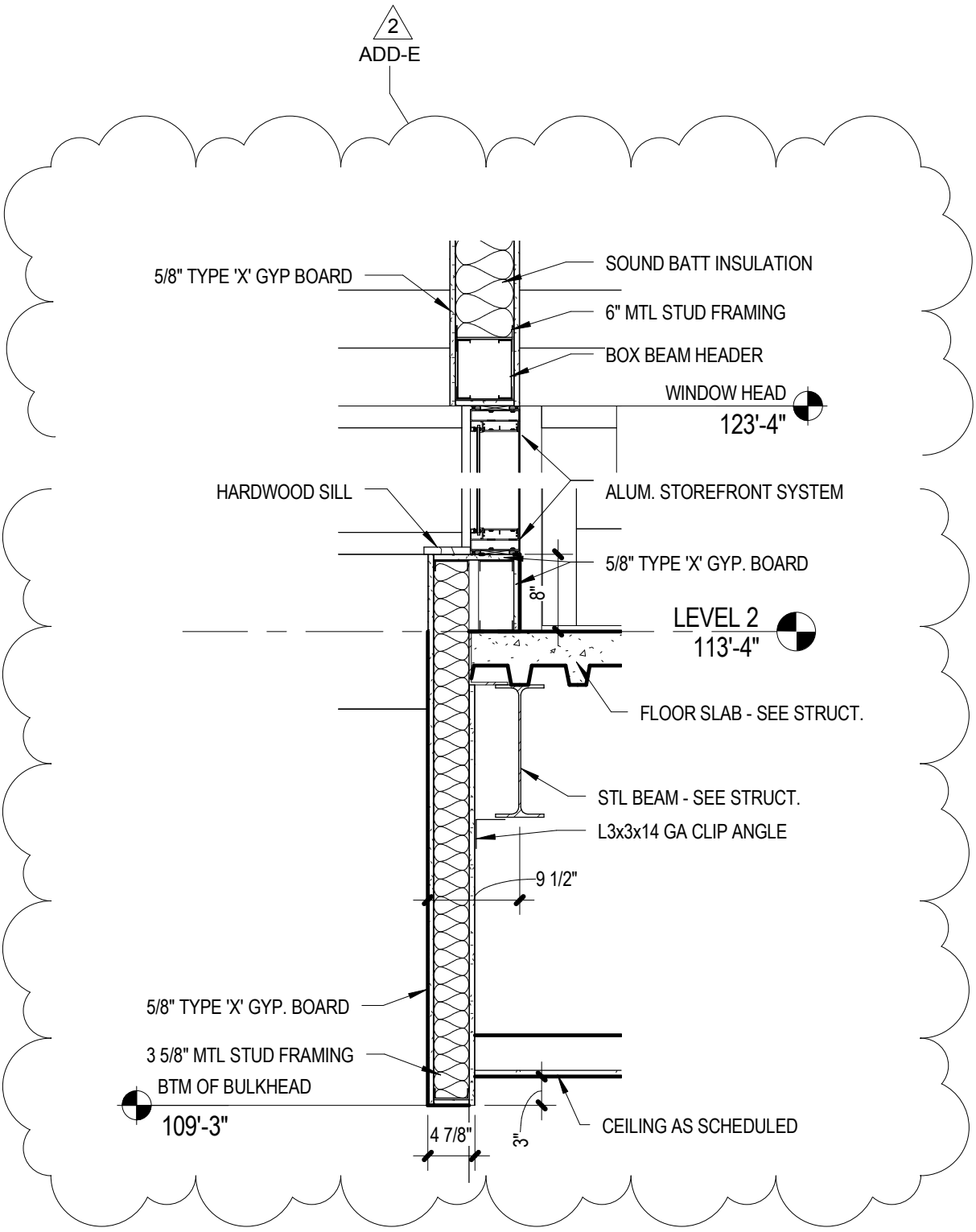
3" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/05/14	A08.01	SDA-021

GATEWAY EARLY CHILDHOOD CENTER

ADD-E



C6.1 HEAD/SILL/BULKHEAD DETAIL

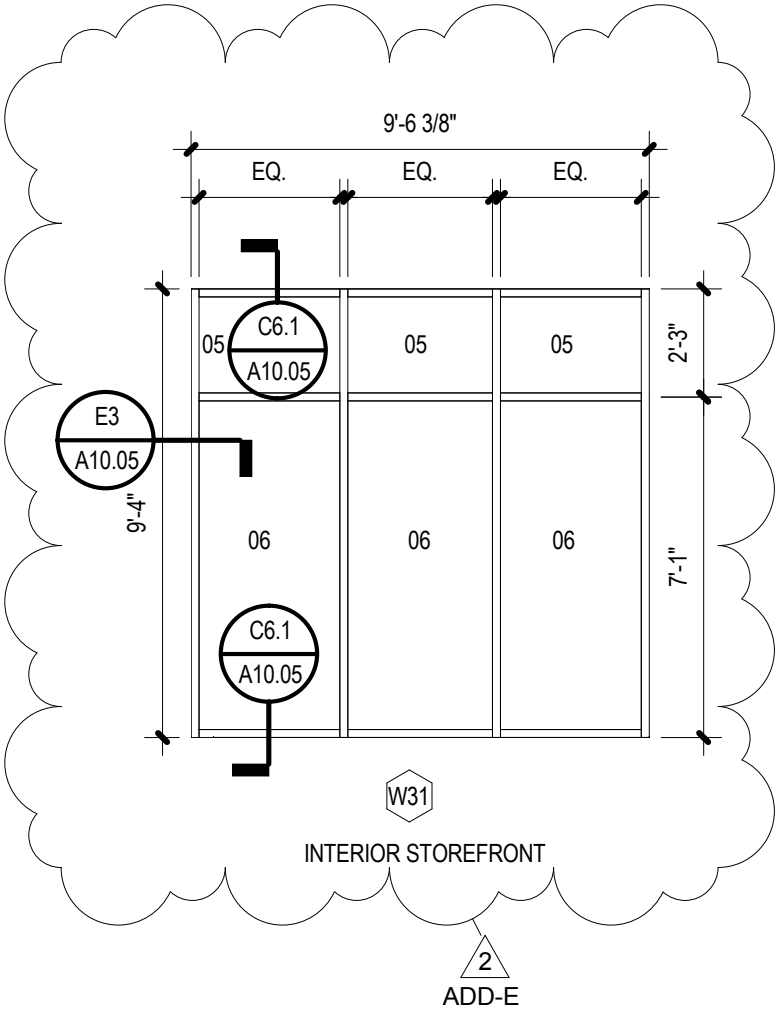
3/4" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/05/14	A10.05	SDA-022

GATEWAY EARLY CHILDHOOD CENTER

ADD-E



WINDOW ELEVATION

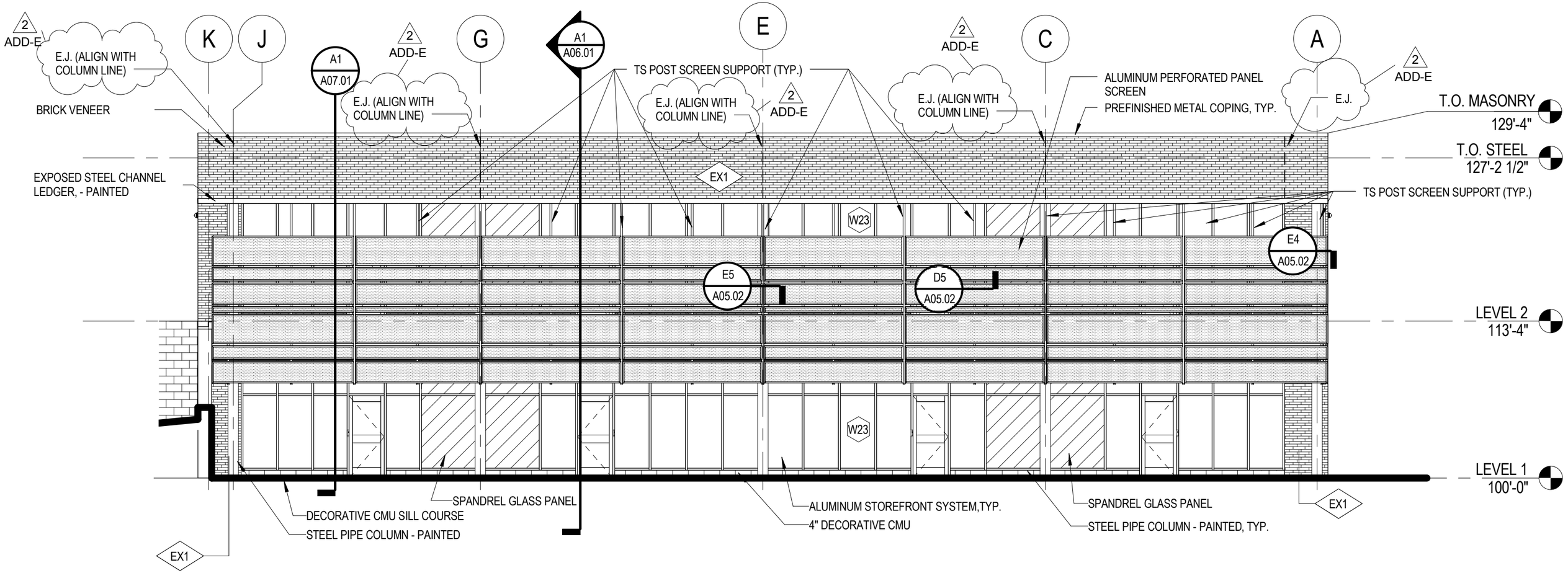
1/4" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/05/14	A10.02	SDA-023

GATEWAY EARLY CHILDHOOD CENTER

ADD-E



D4 WEST ELEVATION

1/8" = 1'-0"

RDg... PLANNING ● DESIGN

Project Number:	Date:	Add to Sheet:	Drawing:
2014.129.00	12/03/14	A05.01	SDA-024

ADD E

GATEWAY EARLY CHILDHOOD CENTER

DiffuserRegisterGrille 11-29-06

DIFFUSER REGISTER AND GRILLE SCHEDULE

MARK	D-1	G-1	G-3	LD-1	LD-2	LD-3	LR-1	LR-2	R-1	R-2
DESCRIPTION	PLQ	PERFORATED	LOUVERED	2-3/4" SLOTS	2-1/2" SLOTS	1-3/4" SLOTS	1-3/4" SLOTS	2-3/4" SLOTS	ROUND GRILLE	SUPPLY REGISTER
DEFLECTION	4-WAY	-	35°	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	DOUBLE DEFLECT.	DOUBLE DEFLECT.
MAXIMUM STATIC PRESSURE (IN W.G.)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CONSTRUCTION MATERIAL	STEEL	STEEL	STEEL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	STEEL
FINISH	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
FACE SIZE (IN)	24x24	24x24	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS
MANUFACTURER	KRUEGER	KRUEGER	KRUEGER	PRICE	PRICE	PRICE	PRICE	PRICE	KRUEGER	KRUEGER
MODEL NUMBER	PLQ	6490	S80	SDS75	SDS50	SDS75	SDR75	SDR75	R580RR	800
ACCESSORIES	-	-	-	(2)	(4)	(2)	(2)	(2)	-	-
REMARKS (1)	(1)	(1)	(1)	(1)(3)	(1)(3)	(1)(3)	(1)(3)(5)	(1)(3)(5)	(1)	(1)

2 ADD-E

REMARKS:

(1.) CONTRACTOR SHALL VERIFY CEILING CONSTRUCTION PRIOR TO FURNISHING MATERIAL.
(2.) PROVIDE WITH INSULATED PLENUM.
(3.) VERIFY BORDER TYPE REQUIRED FOR MOUNTING.
(4.) PROVIDE WITH FLUSH SPIRAL DUCT MOUNT AND STRAIGHTENING GRID.
(5.) RETURN TYPE DIFFUSER DOES NOT INCLUDE AIR CONTROL BLADES.

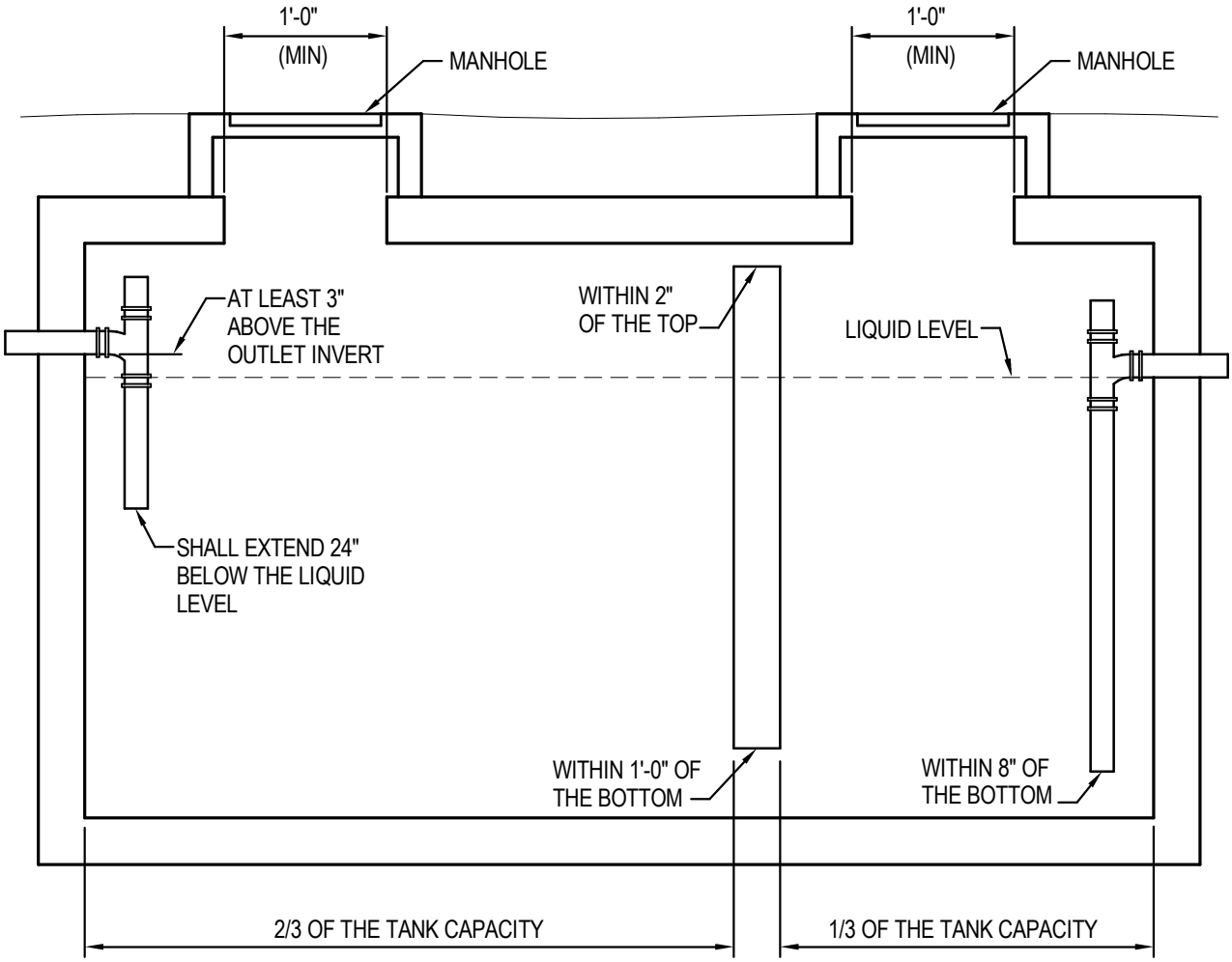
RDg... PLANNING ● DESIGN

Project Number: 2014.129.00 | Date: 12/05/14 | Add to Sheet: M5.0 | Drawing: SDM-004

ADD-E

GATEWAY EARLY CHILDHOOD CENTER

BUFFETT EARLY CHILDHOOD FUND



2
ADD-E

NOTE:
SIZED IN ACCORDANCE WITH OMAHA PLUMBING CODE UNDER THE HOSPITAL/SCHOOL CATEGORY. 2.0x0.75x2.5x164 SEATS = 615 GALLONS. SIZED AT MINIMUM CAPACITY ALLOWED, 750 GALLONS.

EXTERIOR GREASE INTERCEPTOR

NO SCALE

M-PI-InterceptorExteriorGrease_A 2014-06-13

6
P4.0

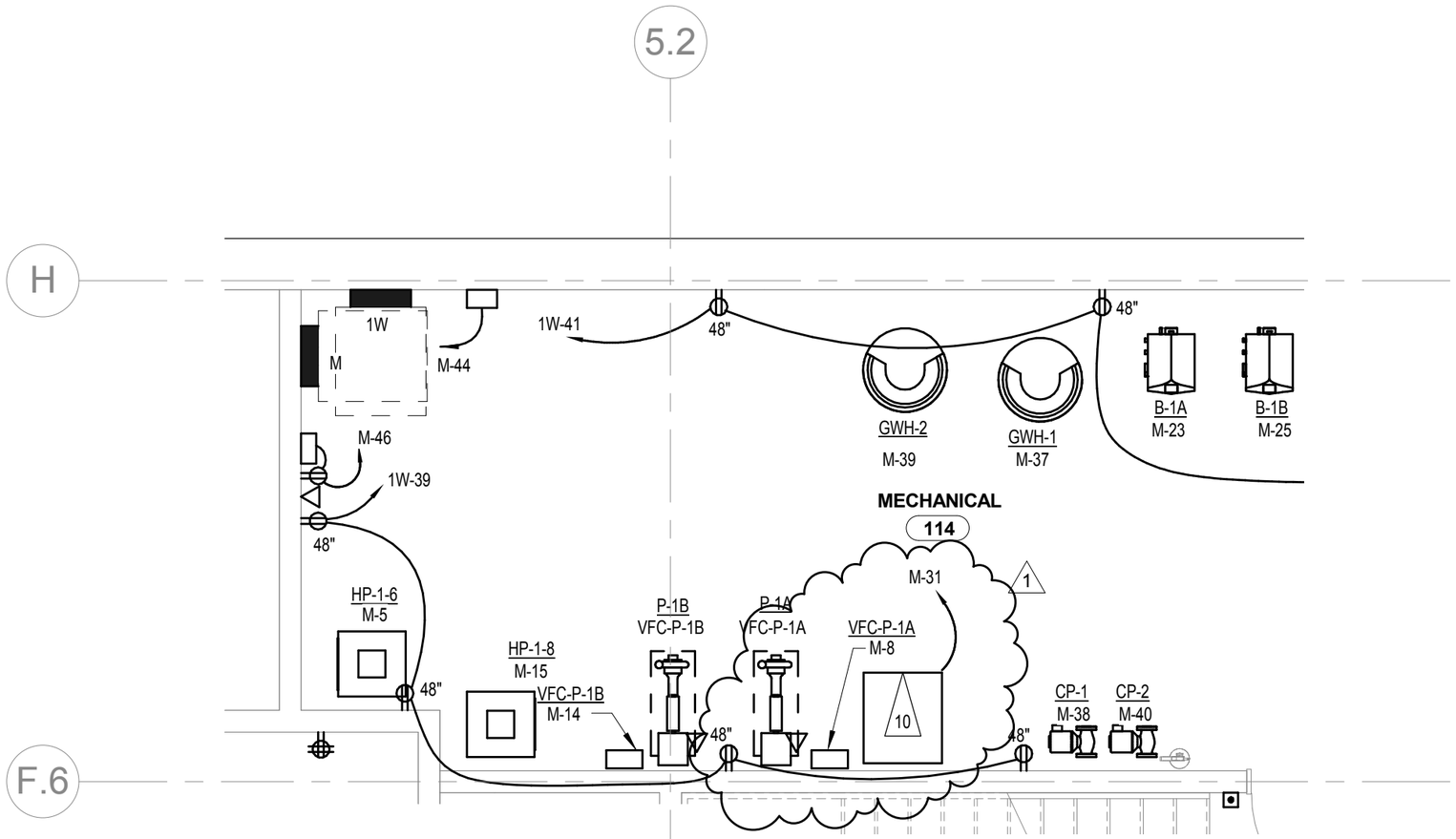
RDg... PLANNING ● DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.129.00	12/05/14	P4.0	SDP-002

GATEWAY EARLY CHILDHOOD CENTER

ADD-E

BUFFETT EARLY CHILDHOOD FUND



FLAG NOTES

9 (3) 4" C. AND (2) 3 1/2" C. SECONDARY CONDUITS TO ENTER BUILDING AT THIS LOCATION 24" BELOW GRADE.

10 COOLING TOWER FILTRATION SYSTEM.

1

RDg... PLANNING ● DESIGN

Project Number:	Date:	Add to Sheet:	Drawing:
2014.129.00	12/05/14	E4.0	SDE-001

ADD-E

GATEWAY EARLY CHILDHOOD CENTER

BUFFETT EARLY CHILDHOOD FUND

P-1B	HP LOOP SUCTION PUMP	5	-	208	3	VFC-P-1B	3	2
P-2A	CT LOOP INLINE PUMP	2	-	208	3	COMBO STARTER	1	5
P-2B	CT LOOP INLINE PUMP	2	-	208	3	COMBO STARTER	1	5
VFC-CT-1	VARIABLE FREQUENCY CONTROLLER	-	60/3	208	3	INTEGRAL	7	
VFC-P-1A	VARIABLE FREQUENCY CONTROLLER	-	40/3	208	3	INTEGRAL	5	
VFC-P-1B	VARIABLE FREQUENCY CONTROLLER	-	40/3	208	3	INTEGRAL	5	

1

NOTES:

1. PROVIDE FUSIBLE DISCONNECT UNLESS OTHERWISE NOTED. FUSE DISCONNECT PER MANUFACTURER'S RECOMMENDATIONS.

REMARKS:

1. PROVIDE POWER TO AIR CONDITIONER FROM ASSOCIATED CONDENSING UNIT. REFER TO MANUFACTURER'S WIRING DIAGRAMS FOR EXACT REQUIREMENTS.
2. ROUTE CIRCUIT THROUGH ASSOCIATED VFC. PROVIDE AUXILIARY CONTACTS TO DE-ENERGIZE VFC WHEN SWITCH IS OPENED.
3. PROVIDE UNI-STRUT SUPPORT AND MOUNT DISCONNECT AT FRONT OF EQUIPMENT CLOSET TO MAINTAIN REQUIRED NEC AND HVAC CLEARANCES. COORDINATE EXACT LOCATION IN FIELD WITH MECHANICAL EQUIPMENT.
4. PROVIDE CONNECTION TO ITEM INDICATED VIA HOOD CONTROL PANEL.
5. COMBINATION STARTERS SHALL BE NEMA RATED FVNR AND INCLUDE FUSED SAFETY SWITCH, HOA SWITCH, PILOT LIGHT, 1NC/1NO AUXILIARY CONTACTS IN NEMA 1 ENCLOSURE.

1

RDg... PLANNING ● DESIGN

Project Number: 2014.129.00 | Date: 12/05/14 | Add to Sheet: E6.0 | Drawing: SDE-002

ADD-E

GATEWAY EARLY CHILDHOOD CENTER

BUFFETT EARLY CHILDHOOD FUND

PANEL M

208/120V	3 PHASE 4 WIRE	SURFACE MOUNTED	
400 AMP	MLO W/GROUND BAR		
23,000	AMPS AVAIL FAULT		
60 POLES	ONE SECTION	SOURCE	MDP

DESCRIPTION	LOAD VA	REMARKS	O/C	CKT #	PH	CKT #	O/C	REMARKS	LOAD VA	DESCRIPTION
HP-1-5	894		15/2	1	A	2	60/3		5592	CT-1
-			-	3	B	4	-			-
HP-1-6	728		15/2	5	C	6	-			-
-			-	7	A	8	40/3		3728	P-1A
HP-1-7	3224		30/3	9	B	10	-			-
-			-	11	C	12	-			-
-			-	13	A	14	40/3		3728	P-1B
HP-1-8	728		15/2	15	B	16	-			-
-			-	17	C	18	-			-
HP-1-14	728		15/2	19	A	20	20/3		2237	P-2A
-			-	21	B	22	-			-
B-1A	125		20/1	23	C	24	-			-
B-1B	125		20/1	25	A	26	20/3		2237	P-2B
AC-2/CU-2	660		15/2	27	B	28	-			-
-			-	29	C	30	-			-
CT-1 FILTRATION SYSTEM	750		15/3	31	A	32				
-			-	33	B	34				
-			-	35	C	36				
GWH-1	250		20/1	37	A	38	20/1		300	CP-1
GWH-2	250		20/1	39	B	40	20/1		300	CP-2

1

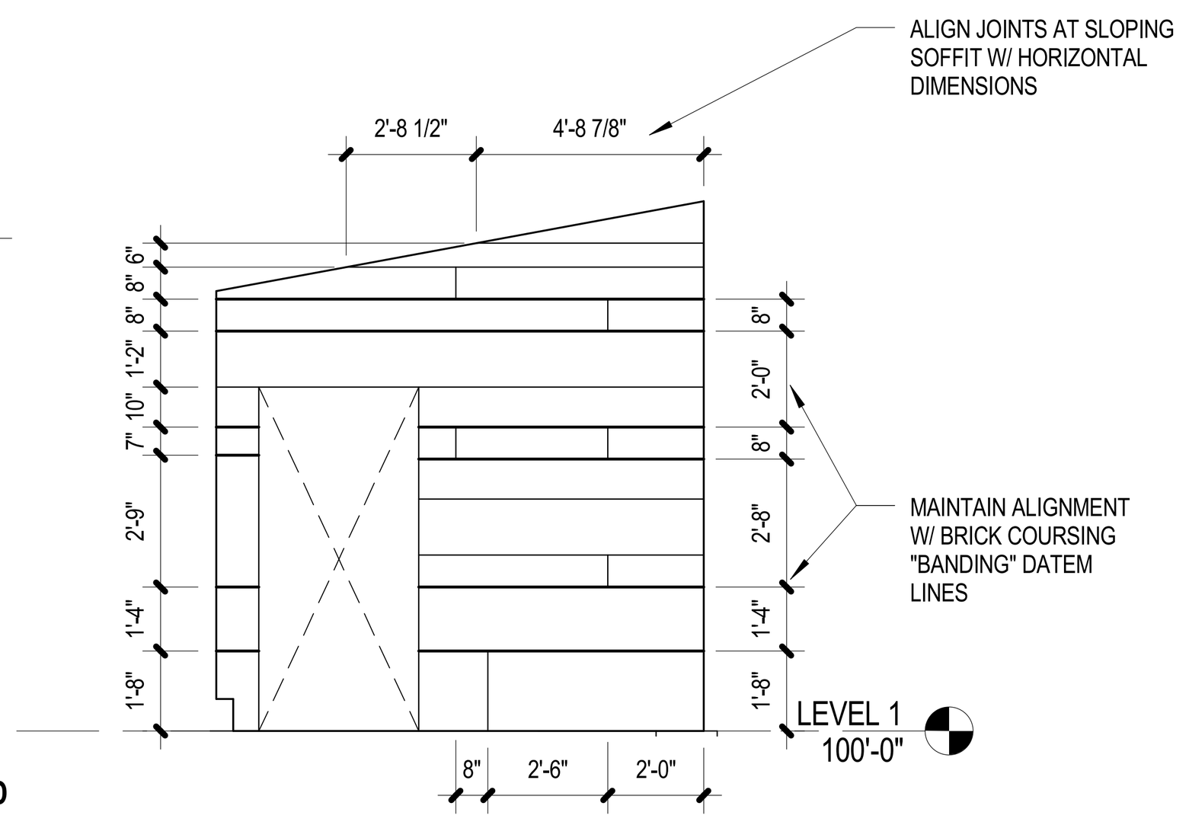
RDg... PLANNING ● DESIGN

Project Number: 2014.129.00 | Date: 12/05/14 | Add to Sheet: E6.2 | Drawing: SDE-003

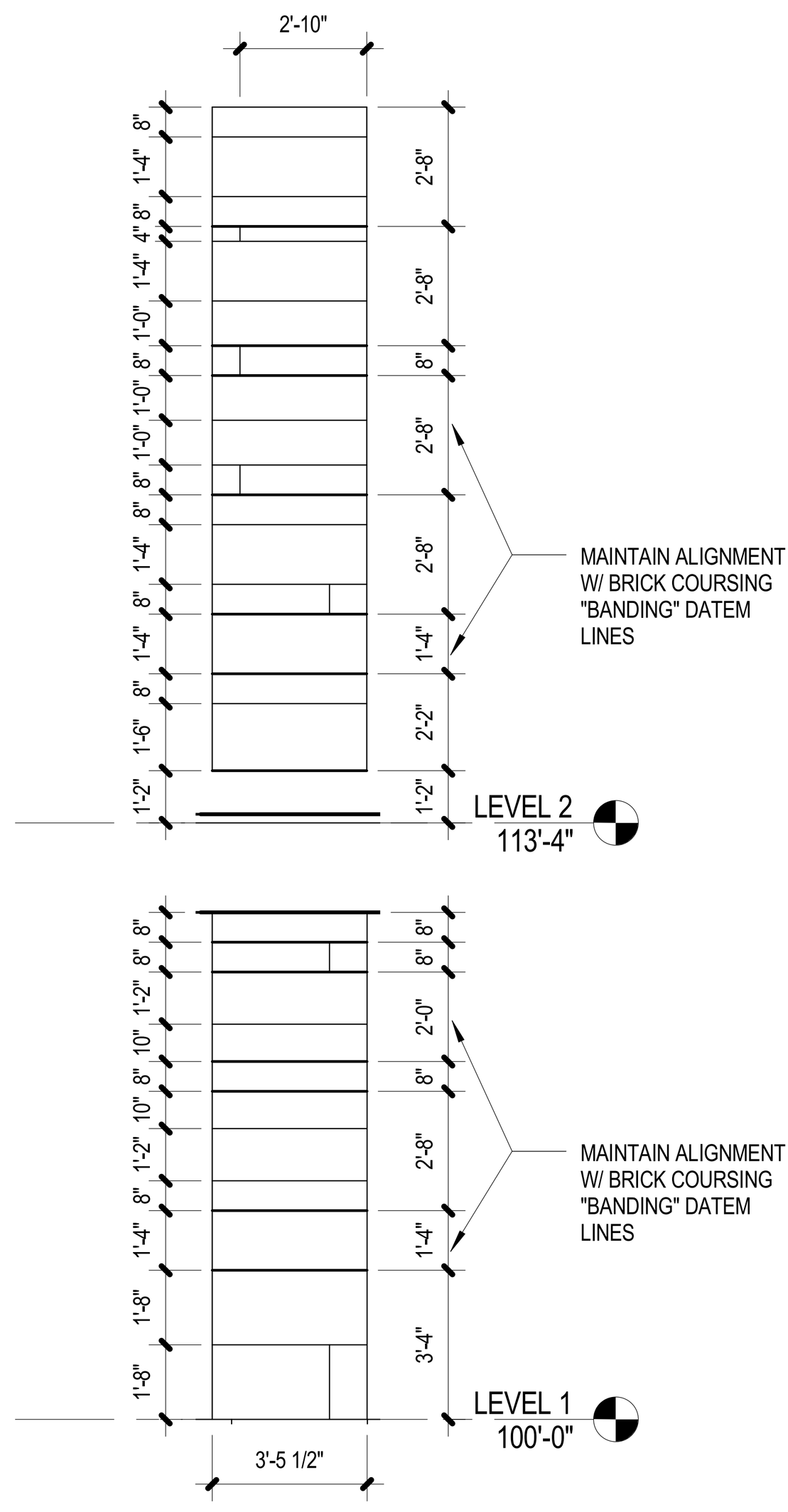
ADD-E

GATEWAY EARLY CHILDHOOD CENTER

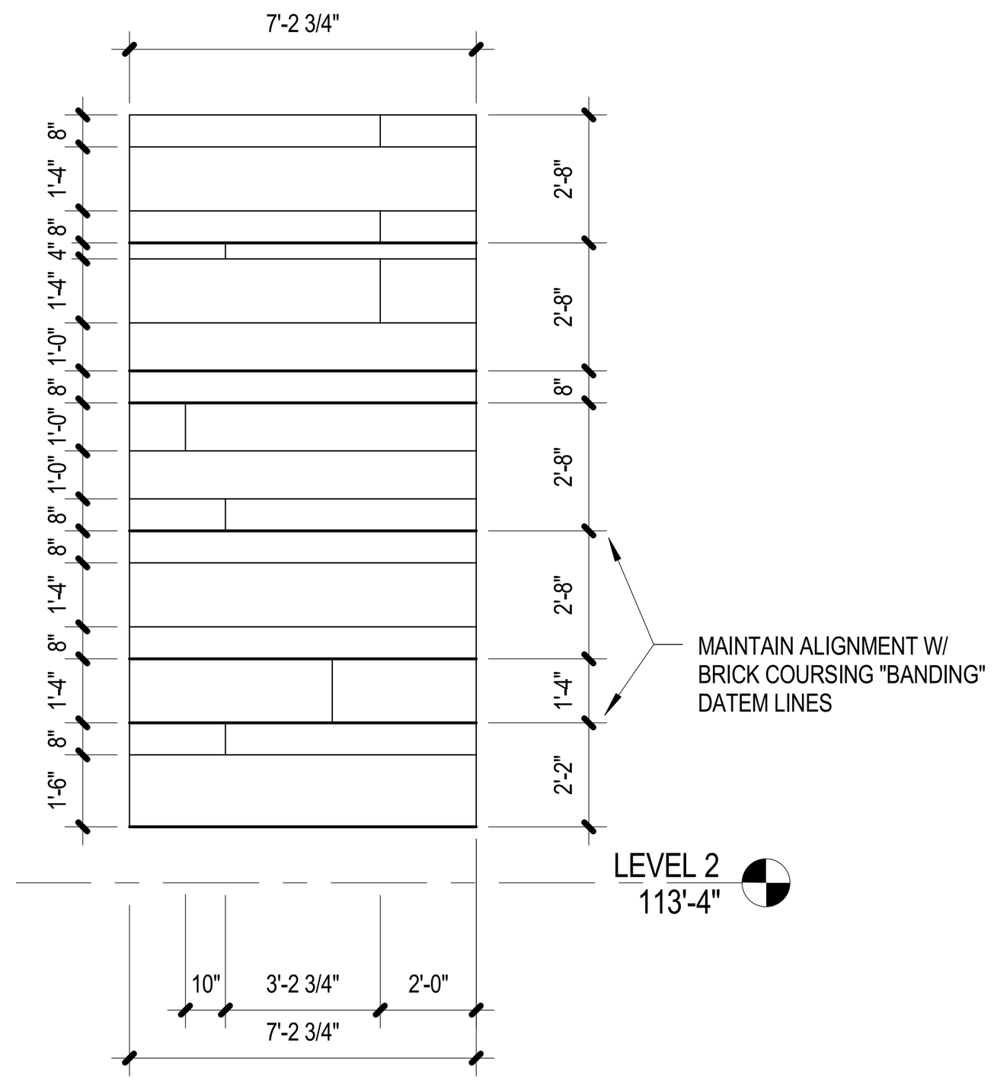
BUFFETT EARLY CHILDHOOD FUND



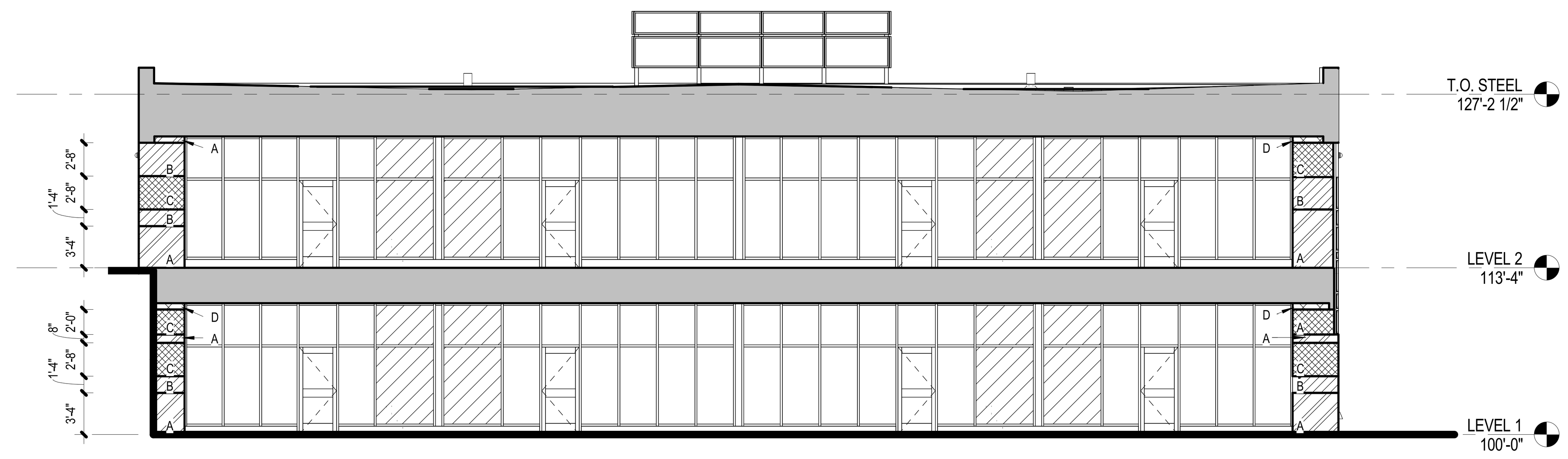
D1 FIBER CEMENT PANEL ELEVATION
1/4" = 1'-0"



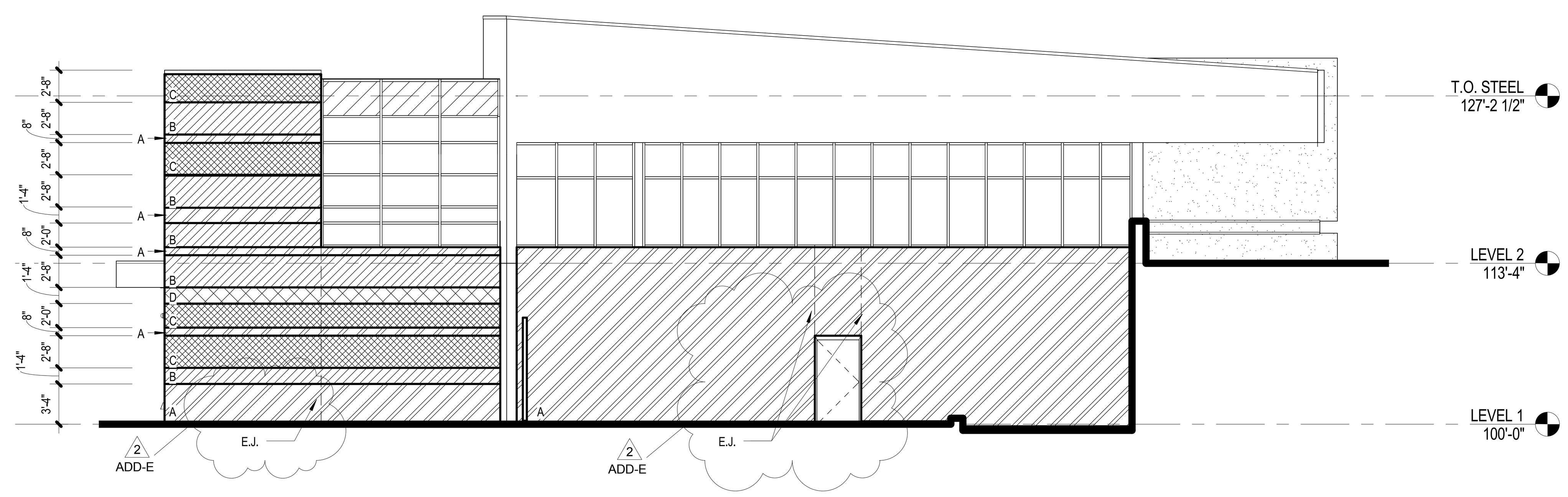
D2 FIBER CEMENT PANEL ELEVATION
1/4" = 1'-0"



D3 FIBER CEMENT PANEL ELEVATION
1/4" = 1'-0"



D4 WEST ELEVATION BEHIND SCREEN - BRICK BANDING
1/8" = 1'-0"



C4 EAST ELEVATION - BRICK BANDING
1/8" = 1'-0"

BRICK BANDING LEGEND

COLOR 1 BRICK: (BASIS OF DESIGN) YANKEE HILL BRICK AND TILE; DARK IRON SPOT VELOUR
COLOR 2 BRICK: (BASIS OF DESIGN) YANKEE HILL BRICK AND TILE; MEDIUM IRON SPOT VELOUR

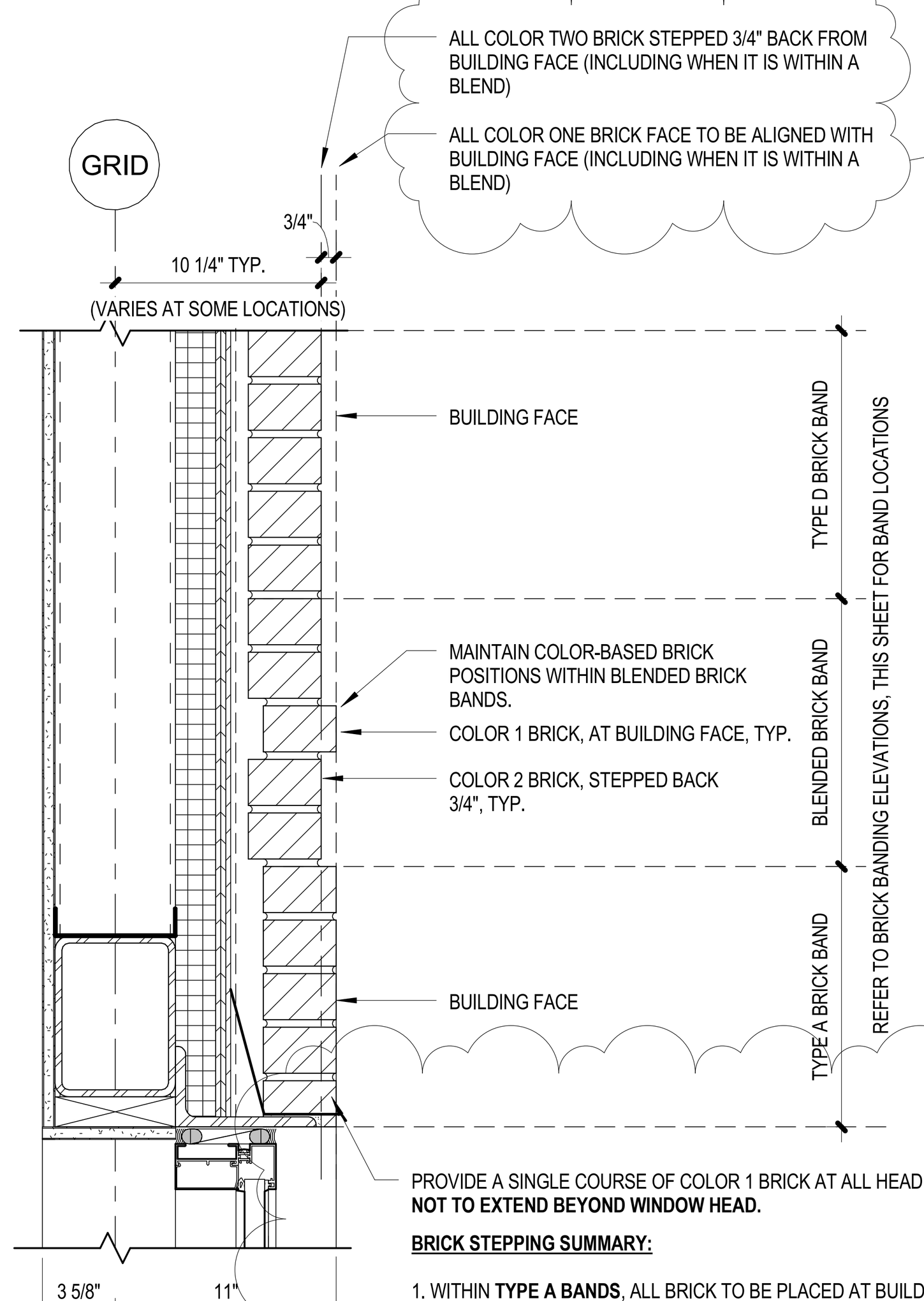
- **TYPE A:** COLOR 1 BRICK (UNBLENDED): **FACE OF BRICK LOCATED AT BUILDING FACE**
- **TYPE B:** BLEND OF 65% COLOR 1 / 35% COLOR 2; **FACE OF BRICK LOCATED AT BUILDING FACE**
- **TYPE C:** BLEND OF 35% COLOR 1 / 65% COLOR 2; **FACE OF BRICK LOCATED 3/4" BACK FROM BUILDING FACE**
- **TYPE D:** COLOR 2 BRICK (UNBLENDED); **FACE OF BRICK LOCATED 3/4" BACK FROM BUILDING FACE**

** ALTERNATE 19

BASE BID: PROVIDE BRICK COLORS AND BLENDS AS INDICATED ON BRICK BANDING ELEVATIONS (A2, B2, C4, & D4 / A05.03). **PROVIDE BRICK STEPPING AS INDICATED IN BRICK BANDING LEGEND.**

ADD ALTERNATE: UNDER THIS ALTERNATE, **PROVIDE BRICK STEPPING AS INDICATED IN DETAIL B1 / A05.03** IN ADDITION TO PROVIDING BRICK COLORS AND BLENDS AS INDICATED ON BRICK BANDING ELEVATIONS (A2, B2, C4, & D4 / A05.03).

2 ADD-E



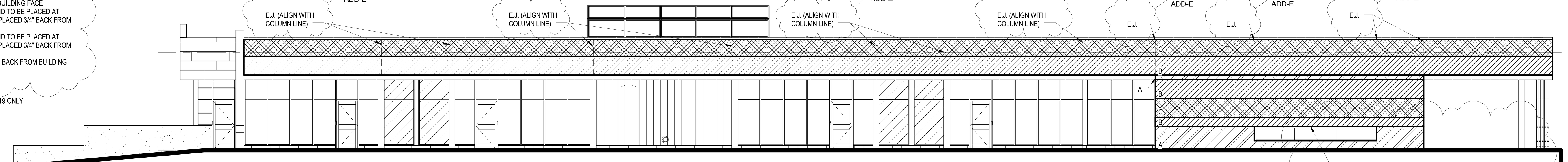
PROVIDE A SINGLE COURSE OF COLOR 1 BRICK AT ALL HEAD CONDITIONS, **NOT TO EXTEND BEYOND WINDOW HEAD.**

BRICK STEPPING SUMMARY:

1. WITHIN **TYPE A BANDS**, ALL BRICK TO BE PLACED AT BUILDING FACE
2. WITHIN **TYPE B BANDS**, COLOR 1 BRICKS WITHIN BLEND TO BE PLACED AT BUILDING FACE, COLOR 2 BRICKS WITHIN BLEND TO BE PLACED 3/4" BACK FROM BUILDING FACE.
3. WITHIN **TYPE C BANDS**, COLOR 1 BRICKS WITHIN BLEND TO BE PLACED AT BUILDING FACE, COLOR 2 BRICKS WITHIN BLEND TO BE PLACED 3/4" BACK FROM BUILDING FACE.
4. WITHIN **TYPE A BANDS**, ALL BRICK TO BE PLACED 3/4" BACK FROM BUILDING FACE.

2 ADD-E

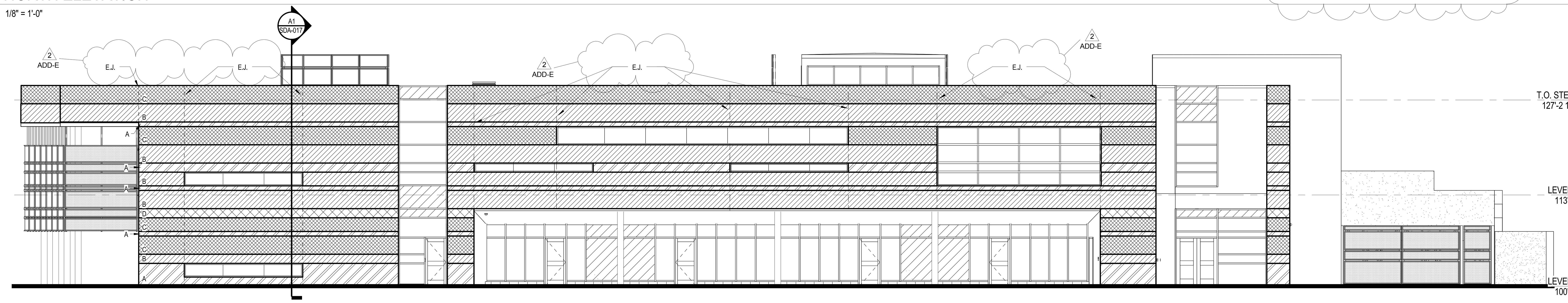
B1 STEPPED BRICK RULES **APPLYS TO ADD ALTERNATE 19 ONLY
1 1/2" = 1'-0"



TYPICAL, ALL ELEVATIONS:
BASE BID: AT ALL HEAD / LINTLE CONDITIONS PROVIDE BRICK OF SAME TYPE AS BAND IT IS LOCATED IN.
ALTERNATE 19: PROVIDE A SINGLE COURSE OF COLOR 1 BRICK AT ALL HEAD CONDITIONS, NOT EXTEND BEYOND HEAD CONDITION. REFER TO DETAIL B1/A05.03.

2 ADD-E

B2 NORTH ELEVATION
1/8" = 1'-0"



A2 SOUTH ELEVATION
1/8" = 1'-0"

CONSTRUCTION DOCUMENTS

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11-13-2014

GATEWAY EARLY CHILDHOOD CENTER

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Omaha, NE 68107

KEY PLAN

REV	DATE	DESCRIPTION
1	11/21/14	ADD-D
2	12/5/14	ADD-E

ISSUED: **11/13/2014**
PROJECT NO: **2014.129.00**

BRICK BANDING ELEVATIONS

A05.03