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

Bid Bulletin #02

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

DATE: December 1, 2014

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 Bids for Division 26, 27, and 28 shall be submitted independently and directly to Sampson Construction.

Item 2-2 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 2-3 Attached is Addendum F dated 12/1/14 from RDG Planning & Design

END OF BID BULLETIN #02

December 1, 2014

ADDENDUM F

TO DRAWINGS AND SPECIFICATIONS FOR:

Skinner Early Childhood Center
Omaha, Nebraska
RDG Project No. 2014.128.00, File 35.1

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

This Addendum modifies the original Contract Documents and Project Manual dated November 10, 2014. Bidders must acknowledge receipt of the Addendum on the Bid Form.

The following separate packages have been/will be issued:

Site Grading and Preparation Package	July 25, 2104
Structural Package	August 28, 2014
Site Utilities Package	September 11, 2014
Final Construction Documents	November 10, 2014

Corresponding addenda:

Addendum A	August 6, 2014	Site Grading and Preparation Package
Addendum B	September 9, 2014	Structural Package
Addendum C	September 12, 2014	Structural Package
Addendum D (Post-Bid)	September 23, 2014	Structural Package
Addendum E	November 21, 2014	Final Construction Documents
Addendum F	December 1, 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.

ADDENDA TO THE PROJECT MANUAL

Civil Specification Items

No items this addendum.

Landscape Specification Items

FLS-1 Section 04 41 02 – Site Stone Materials, Page 04 41 02-2, Paragraph 2.1, Subparagraph D: Revise to read:

D. Surface Finish: All faces split/natural.

Architectural Specification Items

FGS-1 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:

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

FGS-2 Section 07 21 00 – Thermal Insulation, Page 07 21 00-2, Paragraph 2.1, Subparagraph A, Item 1: Add the following product manufacturer:

d. Firestone Building Products; Emverge CI.

FGS-3 Section 07 25 00 – Weather Barriers: Add new section. See attached Pages 07 25 00-1 through 07 25 00-4.

FGS-4 Section 07 27 26 – Fluid-Applied Membrane Air Barriers, Page 07 27 26-2, Paragraph 2.3, Subparagraph A, Item 1:

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

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

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

8) Sto Corporation; Sto Gold Coat.

FGS-5 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.

FGS-6 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.

Structural Specification Items

No items this addendum.

Mechanical Specification Items

FMS-1 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.

FMS-2 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. Paragraph A, Subparagraph 1: Add the following approved manufacturers:

f. Spirotherm.
g. Patterson.

2. Paragraph B, Subparagraph 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.

FMS-3 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.

FMS-4 Section 23 52 16 – Condensing Boilers, Page 23 52 16-3:

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

5. Camus Hydronics.
6. Burnham Hydronics.

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

3. Camus Hydronics.
4. Burnham Hydronics.

FMS-5 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.

FMS-6 Section 23 81 01 – Terminal Heat Transfer Units (Issued with Addendum E), Page 23 81 01-1, Paragraph 2.1, Subparagraph A: Add the following approved manufacturers:

5. REDD-I.
6. Raywall.

Electrical Specification Items

No items this addendum.

ADDENDA TO THE DRAWINGS

Civil Drawing Items

No items this addendum.

Landscape Drawing Items

FLD-1 Sheets L3.01 and L3.02: Added actuator bollard at front entrance. Updated reference text for C.I.P benches at front entry. See attached Supplemental Drawing SDL-003.

FLD-2 Sheet L5.01: Updated Detail D1 per attached Supplemental Drawing SDL-001.

FLD-3 Sheet L5.03: Added Detail A5 per attached Supplemental Drawing SDL-002.

Architectural Drawing Items

FGD-1 Sheet A05.01 – Exterior Elevations, Elevation D2 – Exterior Elevation (South): Replace note to read:

10" CAST ALUMINUM CLEAR ANODIZED BOTTOM MOUNTED SIGNAGE; MAX 50 CHARACTERS; SANS-SERIF FONT AND TEXT TO BE COORDINATED WITH ARCHITECT.

Structural Drawing Items

No items this addendum.

Mechanical Drawing Items

No items this addendum.

Electrical Drawing Items

FED-1 Sheet E6.0, Lighting Fixture Schedule: Lighting fixtures, equivalent to those specified, and manufactured by the following, are acceptable for the fixture types listed:

A. Types 2/2E: ***"Metalux."***

B. Type LED2: ***"Metalux."***

C. Types 3/3E: ***"Halo Comm."***

D. Type LED3: ***"Portfolio."***

E. Type 4: ***"Halo Comm."***

F. Types 5/5E: ***"Metalux."***

G. Type 6/6E: ***"Metalux."***

H. Type 7/7E: ***"Architectural Lighting Works."***

I. Type LED7: ***"Architectural Lighting Works."***

J. Type 8/8E: ***"Birchwood Lighting."***

K. Type 11: ***"McGraw Edison."***

L. Type 12: ***"Portfolio."***

M. Type 13: ***"Tech Lighting."***

N. Types 14: ***"Metalux."***

O. Type 15: ***"Portfolio."***

P. Type 16: ***"Sure-lites."***

Q. Type 17: ***"Tech Lighting."***

R. Type 18: ***"Shaper."***

S. Type 19: ***"Architectural Lighting Works."***

T. Type 20E: ***"Illumitex."***

U. Type 22/22E: ***"Metalux."***

V. Type LED22: ***"Metalux."***

W. Type 23: ***"Acolyte."***

Telecom Drawing Items

FTD-1 Sheet T2.1, Access Control Opening Schedule: Added Opening Type 144.2 to schedule. See attached Supplemental Drawing SDT-001.

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

SL/SS/jm

Enclosure:
Section 07 25 00 – Weather Barriers
Supplemental Drawings SDL-001, SDL-002, and SDL-003
Supplemental Drawing SDT-001

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:

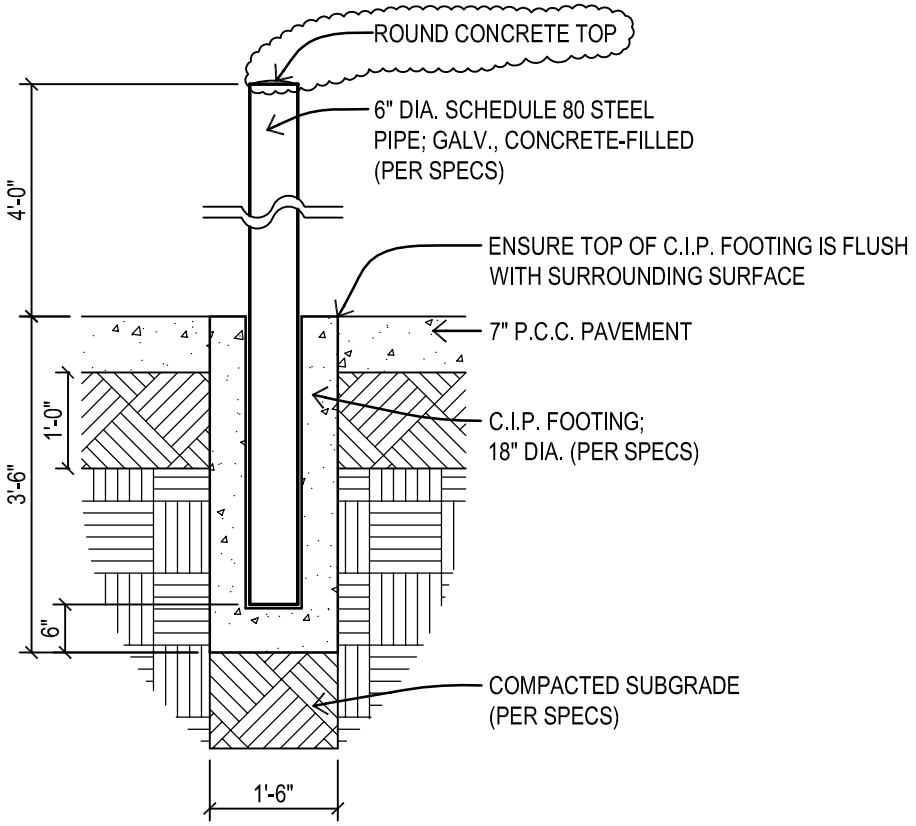
A. Protect wall areas covered with self-adhered, water-resistive, vapor-permeable air barrier from damage due to construction activities, high wind conditions, and extended exposure to inclement weather.

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



D1 STEEL SECURITY BOLLARD

1/2" = 1'-0"

-0417

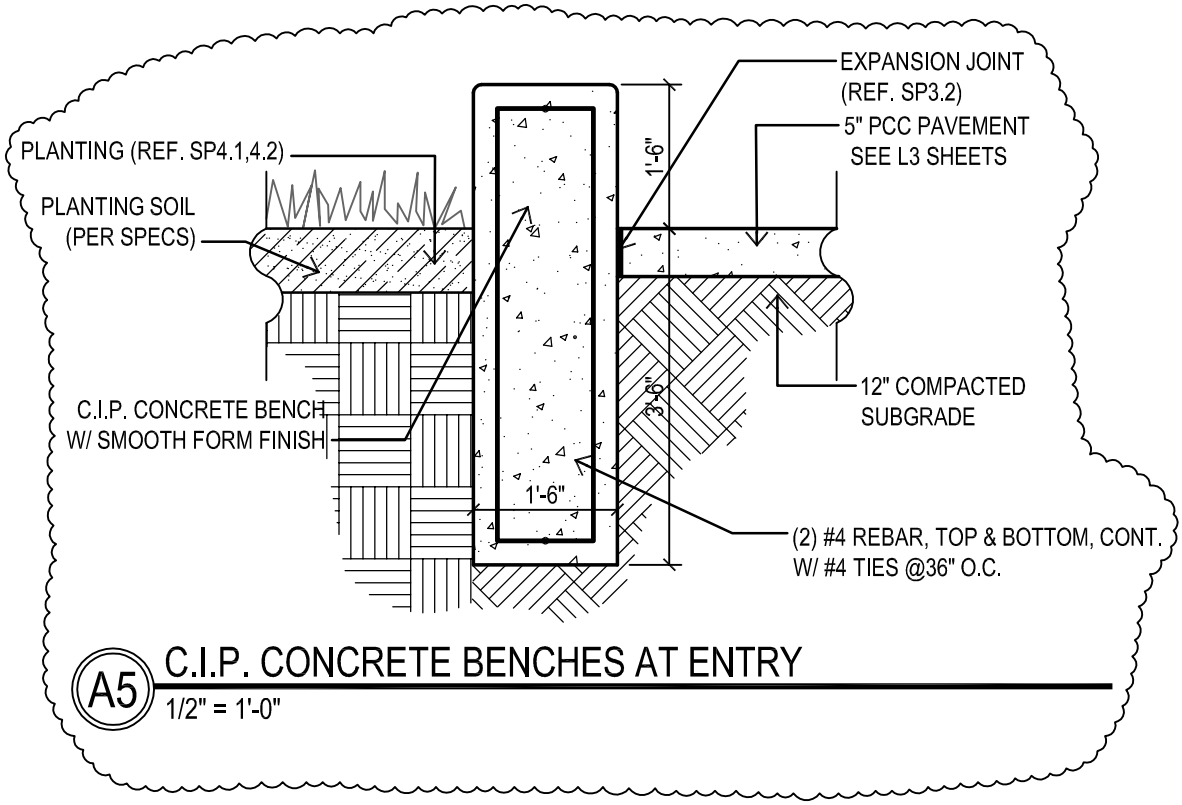
Project Number:	Date:	Change to Sheet:	Drawing:
2014.128.00	12/01/2014	D1/L5.01	SDL-001

RDg... PLANNING DESIGN

SKINNER EARLY CHILDHOOD CENTER

ADD-F

BUFFETT EARLY CHILDHOOD FUND



A5 C.I.P. CONCRETE BENCHES AT ENTRY

1/2" = 1'-0"

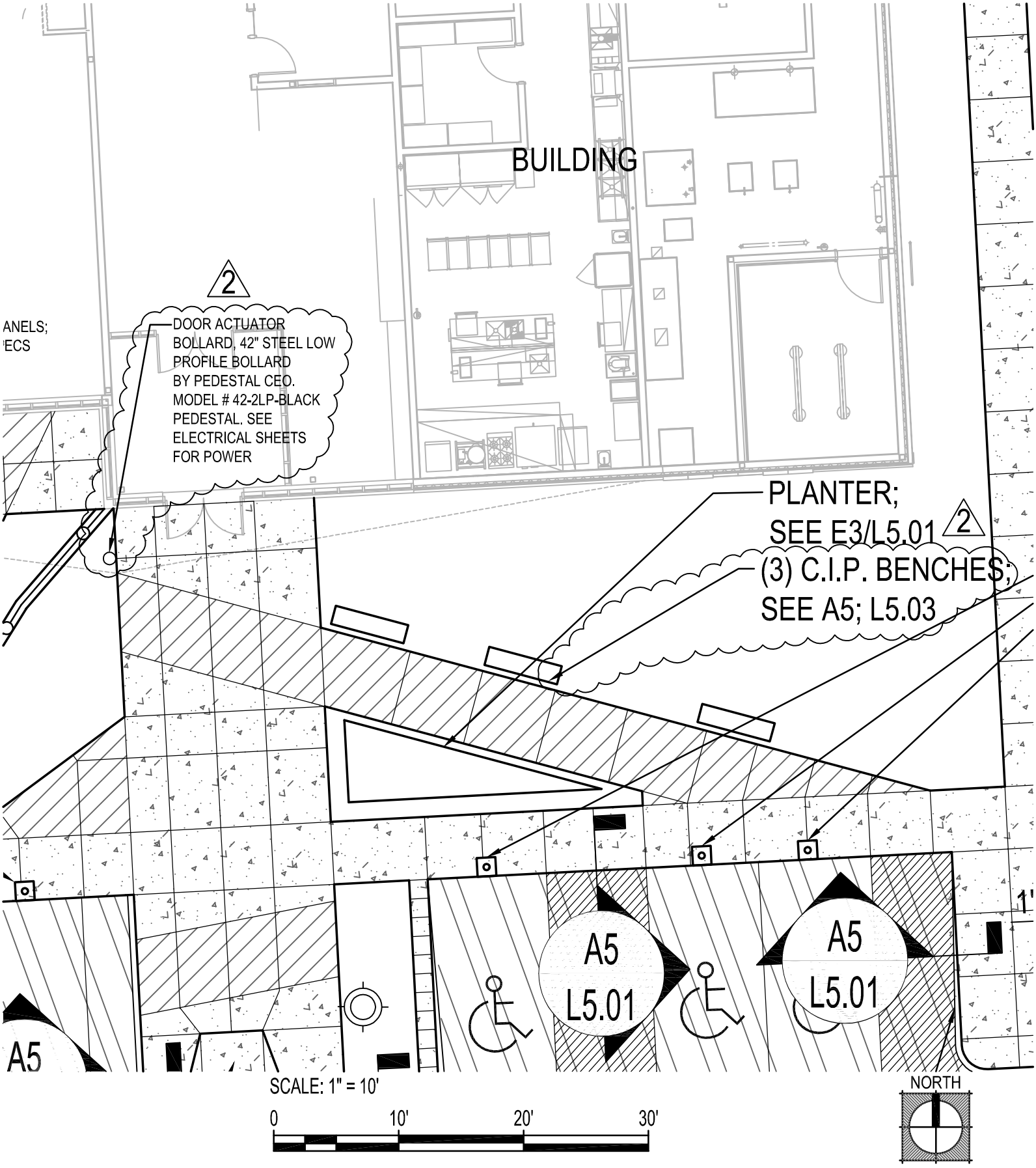
RDg... PLANNING DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.128.00	12/01/2014	Add to Sheet L5.03	SDL-002

SKINNER EARLY CHILDHOOD CENTER

ADD-F

BUFFETT EARLY CHILDHOOD FUND



RDg... PLANNING DESIGN

Project Number:	Date:	Change to Sheet:	Drawing:
2014.128.00	12/01/2014	A1/L3.01 & L3.02	SDL-003

SKINNER EARLY CHILDHOOD CENTER

ADD-F

BUFFETT EARLY CHILDHOOD FUND

ACCESS CONTROL OPENING SCHEDULE

DOOR NUMBER	DOOR LEAF (IF APPLICABLE)	DETAIL/SHEET NUMBER	TERMINATION POINT	ACCESS CONTROL DEVICE ('P' PROXIMITY CARD READER) ('M' MULLION MOUNT READER) ('K' KEYPAD)	OUTBOUND CARD READER (REFER TO ACCESS CONROL DEVICE FOR SUBSCRIPT MEANING)	ELECTRIFIED DOOR HARDWARE ('R' REQUEST-TO-EXIT SWITCH) ('L' LATCH MONITOR SWITCH) ('D' DELAYED EGRESS OPTION) ('EL' ELECTRIC LATCH RETRACTION) ('ET' ELECTRIC TRIM)	ELECTRIC DOOR STRIKE ('L' LATCH MONITOR SWITCH)	MAG-LOCK	DOOR POSITION SWITCH ('RE' RECESSED) ('G' GATE) ('O' OVERHEAD DOOR) ('SM' SURFACE MOUNT)	REQUEST-TO-EXIT DEVICE ('M' MOTION SENSOR) ('P' PUSH BUTTON)	ADA OPERATOR	NOTES
100.1		E3.0	104	M		R, ET			RE			
	X					R			RE			
100.2		E3.0	104	M		R, ET			RE			
	X					R			RE			
180.2		E3.0	104	M		R, ET			RE			
182.2		E3.0	104	M		R, ET			RE			
170.2		E3.0	104	M		R, ET			RE			
172.2		E3.0	104	M		R, ET			RE			
202.4		E3.0	104	M		R, ET			RE			
160.2		E3.0	104	M		R, ET			RE			
162.2		E3.0	104	M		R, ET			RE			
150.2		E3.0	104	M		R, ET			RE			
152.2		E3.0	104	M		R, ET			RE			
144.2		E3.0	104	M		R ,ET			RE			
145		E3.0	104						RE			
235*		E3.0	104									
202.3		E3.0	104	M		R ,ET			RE			
140.2		E3.0	104	M		R ,ET			RE			
142.2		E3.0	104	M		R ,ET			RE			
130.2		E3.0	104	M		R ,ET			RE			
132.2		E3.0	104	M		R ,ET			RE			
202.2		E3.0	104	M		R ,ET			RE			
120.2		E3.0	104	M		R ,ET			RE			
122.2		E3.0	104	M		R ,ET			RE			
110.2		E3.0	104	M		R ,ET			RE			
112.2		E3.0	104	M		R ,ET			RE			
202.1		E3.0	104	M		R ,ET			RE			

1

GENERAL NOTES:

1. EQUIPMENT BY DOOR HARDWARE PROVIDER. REFER TO DOOR HARDWARE SCHEDULE IN DIVISION 08 SPECIFICATIONS.