

**Addendum No. 1
January 23, 2018**

Project: CBEC Roof Replacement
South Dakota School of Mines & Technology
Rapid City, South Dakota
OSE #R0718 – 02X
Architect's Project #2735

Architect: Architecture Incorporated

Letting: February 1, 2018
3:00 pm CT
Office of the State Engineer
523 East Capitol Avenue
Pierre, SD 57501

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated.

Acknowledge receipt of this addendum by listing its number and date in the bidders Form of Proposal. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as follows:

GENERAL ITEMS:

- 1) **PRE-BID MEETING:** The minutes of the pre-bid meeting held on-site January 18, 2018 are attached.
- 2) **ASBESTOS CONTAINING MATERIAL STATEMENT:** The owner verified that all portions of the CBEC roof **do not** contain asbestos-containing materials.
- 3) **EXHIBIT "B" – SAMPLE OF SEALED ENVELOPE:** Attached is Exhibit "B" – Sample of Sealed Envelope that was omitted from the Project Manual.
- 4) **SPECIFICATION SECTION – 077200 ROOF ACCESSORIES**
 - a) The entire section is deleted. The existing duct supports will remain in place, modified as required. No new duct supports will be required.
- 5) **DRAWING 5.52 – CBEC ROOF DEMOLITION PLAN**
 - a) General Note C.: Rock ballast is to be removed and delivered to Owner's designated location on-site.
 - b) Existing north stair and landing platform: The landing and stair main structure is to remain in place. The bottom portion of the riser is to be cut below the bottom tread as - or if - required for re-roofing work.

6) DRAWING 5.53 – CBEC BUILDING ROOF PLAN

- a) Insulation Legend: First note on the legend: Delete “2 layers of 1-1/2” polyisocyanurate...”
Replace with “**2 Layers of 2-1/2” polyisocyanurate insulation..**”
- b) New Roofing note: Third line of note: Delete 1 ½” top layer polyiso...” Replace with “**2 top layers of 2 – 1/2” polyiso insulation....**”
- c) North Stair and landing note: Delete note; replace with the following note: “Existing stair and landing platform to remain in place. Modify the height of the bottom riser by cutting the bottom portion of the stringers under the bottom tread as required for roofing work and re-welding when roofing is complete”.

7) DRAWING 5.54 – ROOF DETAILS

- a) See attached Supplemental Drawing SD-1: Duct Penetration Detail for the duct roof penetration conditions without existing metal flashings. There are approximately 10 such locations; contractor field verify exact number and sizes.
- b) Detail 8/5.54 – Roof Edge Railing: the railing was not visible in the detail. See attached Supplemental Drawing SD-2 for Revised detail, showing the railing.
- c) See attached supplemental Drawing SD-3: South Mech Unit Curb for the flashing detail at the largemain rooftop mechanical unit located in the southeast roof quadrant. This detail addresses the existing base flashing of the RTU that is integral with the unit and can not be moved.

GENERAL APPROVALS:

The following material or equipment furnished by the manufacturer's listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
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END OF ADDENDUM

SDSM&T
CBEC ROOF REPLACEMENT
Rapid City, South Dakota
OSE #R0718-02X
Architecture Incorporated Project # 2735

PRE-BID MEETING MINUTES

DATE/TIME: January 17, 2017, 2:00 pm MT

LOCATION: SDSM&T Facilities Break room

PRESENT:

Tim Kursave, SDSMT	
Jerilyn Roberts, SDSMT	John Ashley, Lowe Roofing, Inc.
Michael Mannhalter – SDSMT	Gene Kast, Tessier’s
Cody MacLake, SDSMT	Darren Pichulo, BH Roofing
Kristine Bjerke, Architecture Inc.	Nancy Hovdenes, Sika-Sarnafil

DISCUSSION ITEMS

Introductions

Overview of the project and approach

1. Review of Project Scope
 - a. Reviewed related roof items, i.e. ladder cage, safety railings, duct supports. At the roof walk-through, it was determined that the existing duct supports should stay, and be adjusted as required as they are tied into the duct structure. New duct supports will be deleted from the specification.
 - b. It was directed by the Owner that the rock ballast be turned over to the school as it’s removed.
 - c. A discrepancy in the insulation layer notation was brought to our attention. This will be clarified in Addendum #1.
 - d. The existing landing platform & stair to the north CBEC wing is welded construction: It will have to remain in place, and cut & re-welded near the bottom tread to accommodate roofing and any increase in insulation thickness.
 - e. BH Roofing will make some test cuts to verify the existing assembly; will share the results with all.
 - f. Asbestos update – Owner verified no asbestos was found in any part of the CBEC roofs.

2. Review of Project Schedule
 - a. Opening of Bids & Award: February 1, 2018 – will not change.
 - b. Liquidated damages as per specs.
 - c. Commencement of work
 - i. May 8, 2018 – after classes are over.

 - d. Completion: August 3, 2018.

3. Use of Site and Facility
 - a. Continued operation of balance of building: The Lecture Hall/west wing and the CBEC Process Lab will have no classes during the summer: noise, etc. won't be an issue.
 - b. The working hours will be standard, with evening or weekend work hours to be coordinated with Owner.
 - c. Construction staging is anticipated to be in the parking lot as directed by Facilities; there will be on-site staging, parking areas.
4. Addendum No. 1 will be issued next week to address the issues that came up at this meeting.
5. Questions/concerns from bidders – to be addressed in Addendum #1:
 - a. Insulation thickness layers to be clarified.
 - b. Stair & landing structure – will remain in place & modified as required to re-roof.
 - c. Rock ballast to be delivered to Owner's storage location on site.
 - d. The thickness of adjacent sidewalks will be verified to assist bidders in determining extent of sidewalk replacement that may be necessary due to construction equipment.
 - e. Architect will issue supplemental detail to address the duct curb flashing in locations of duct roof penetration.
 - f. New duct supports will be deleted; existing supports will be modified as required.
 - g. Architect will issued modified detail drawing for flashing the curb of the large roof unit.

Kristine Bjerke, AIA
Architecture Incorporated

EXHIBIT "B"

SAMPLE OF SEALED ENVELOPE

Return Address

John Smith

Contractor

Box 1

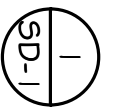
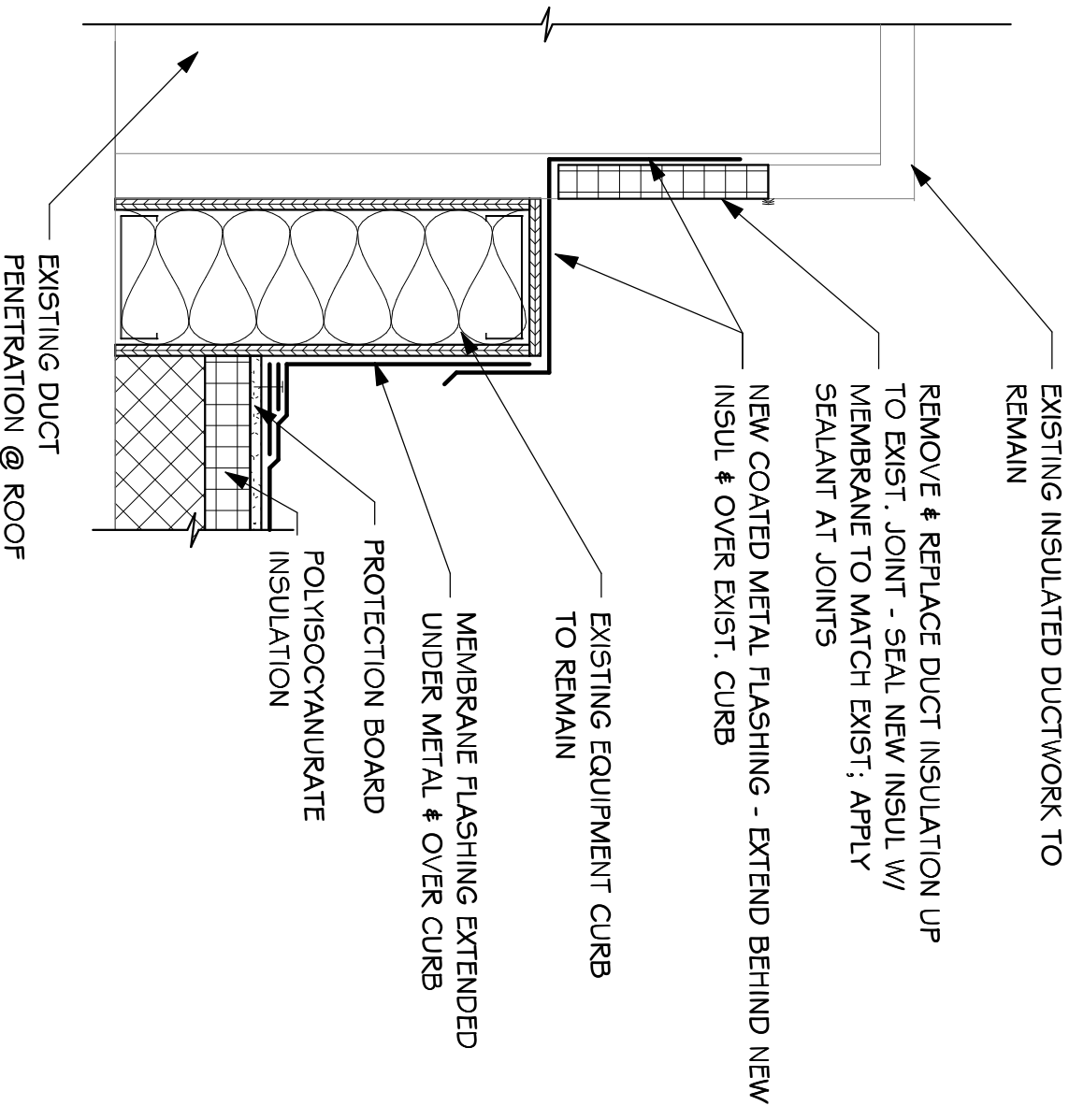
Anytown, USA

To: State Engineer
(Insert Address for Delivery of Bid, found in Bid Advertisement)
_____, South Dakota

Bid For: (Name of Project)
(Location)
(OSE# _____)

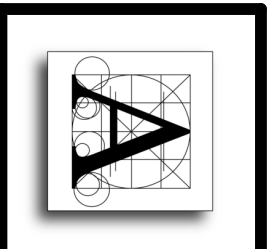
To Be Opened: (Hour & Date)

Addenda Received: Nos.



DUCT PENETRATION DETAIL

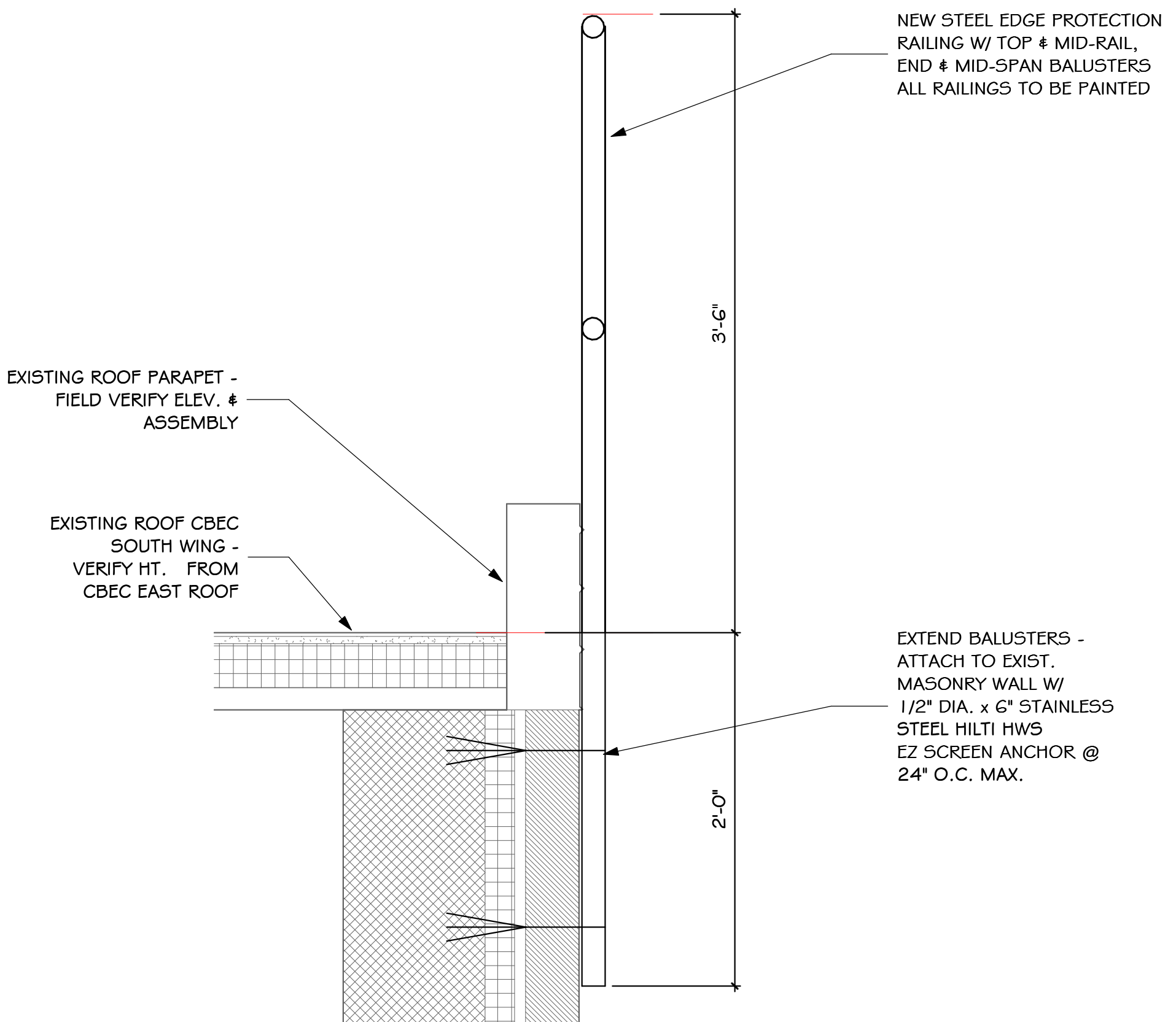
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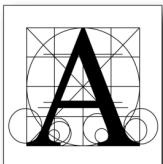
Project CBEC ROOF REPLACEMENT			
number	0727.2735.17	drawn	KEB
dat	JAN. 23, 2018	revision	
		checke	KEB
		d	

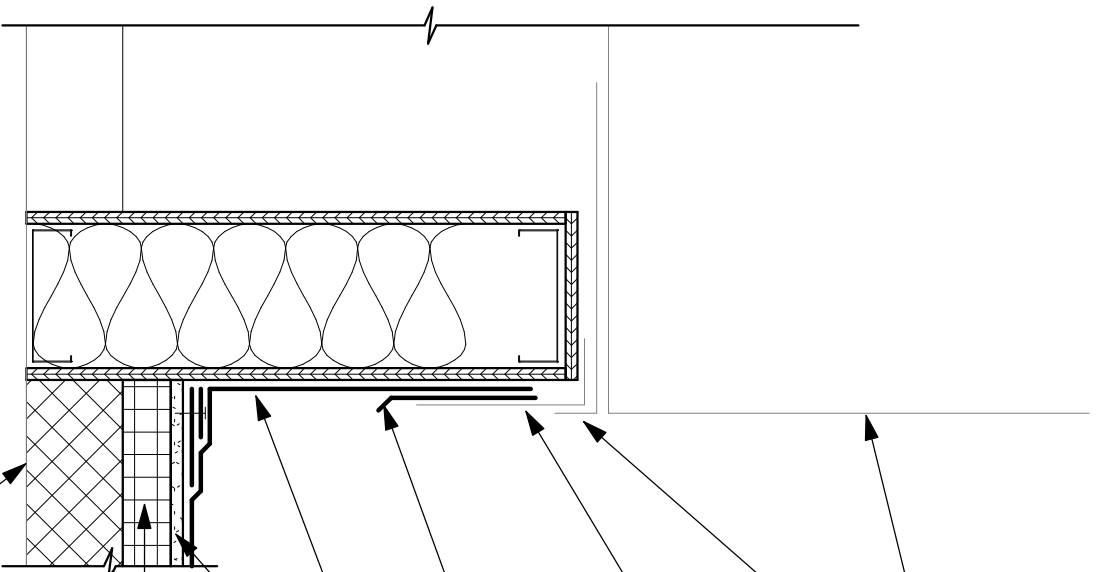
DRAWING
SD-1

Architecture
Incorporated



1 ROOF EDGE RAILING Rev
 SD-2 SCALE: 1 1/2" = 1'-0"

	project <u>CBEC ROOF REPLACEMENT</u>	DRAWING	
	number <u>0727.2735.17</u>	drawn <u>KEB</u>	checke <u>KEB</u>
	dat <u>JAN 23, 2018</u>	revision <u>d</u>	<h1>SD-2</h1>
<h2>Architecture Incorporated</h2> <p>905 St. Joseph Street Suite 202, Rapid City, South Dakota 57701 (605) 721-1158 415 south main avenue, sioux falls, south dakota 57101 (605)339-1711</p>			



EXISTING MECH UNIT
TO REMAIN

EXISTING CAP
FLASHING TO
REMAIN

TOP 6" EXISTING EPDM TO REMAIN -
LOOSEN & EXTEND NEW COATED METAL
FLASHING & PVC MEMBRANE UNDER EPDM.
SEAL PVC & EPDM AS PER MNFR. DETAILS

NEW COATED METAL COUNTERFLASHING-
EXTEND UNDER EXIST EPDM FLAP

MEMBRANE FLASHING EXTENDED
UNDER NEW METAL COUNTERFLASH

PROTECTION BOARD

POLYSOCYANURATE
INSULATION

EXISTING ROOF DECK AND
STRUCTURE TO REMAIN

1
SD-3

SOUTH MECH UNIT CURB

SCALE: 1/2" = 1'-0"

	CBEC ROOF REPLACEMENT				DRAWING	
	Project number	0727.2735.17	drawn by	KEB	checked by	KEB
date	JAN 23, 2018	revision				
Architecture			SD-3			
Incorporated						