



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**

**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 375-2908**

[www.miamidade.gov](http://www.miamidade.gov)

**NOTICE OF ACCEPTANCE (NOA)**

**CENTRIA**

**1005 Beaver Grade Road**  
**Moon Township, PA 15108**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: 0.0299”(MIN.) Structural Galvanized Steel Wall Panel**

**APPROVAL DOCUMENT:** Drawing No. CS8108, titled “ Concept Series Wall Panels ”, sheets 1 through 10 of 10, prepared by CENTRIA, dated August 05, 2008, signed and sealed by Chunbo Shim, P.E. on August 14, 2008, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
 10/30/2008

**NOA No. 08-0822.19**  
**Expiration Date: 10/30/2013**  
**Approval Date: 10/30/2008**

CENTRIA

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. CS8108, titled " Concept Series Wall Panels ", sheets 1 through 10 of 10, prepared by CENTRIA, dated August 05, 2008, signed and sealed by Chunbo Shim, P.E. on August 14, 2008.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Concept Series Wall Panels, prepared by Farabaugh Engineering and Testing, Inc., Report No. T201-08, dated 06/11/2008, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "Concept Series Wall Panel", dated 08/04/08, 4 pages, prepared by CENTRIA, signed and sealed by Chunbo Shim, P.E. on August 04, 2008.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *Mill Certified Test Report issued by West Penn Material Evaluation, with chemical composition and mechanical properties of galvanized steel Wall Panel.*



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Helmy A. Makar, P.E., M.S.

Product Control Examiner

NOA No. 08-0822.19

Expiration Date: 10/30/2013

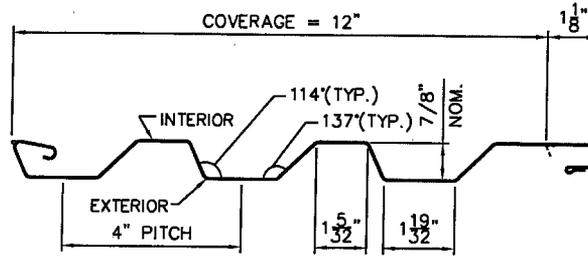
Approval Date: 10/30/2008

GENERAL NOTES

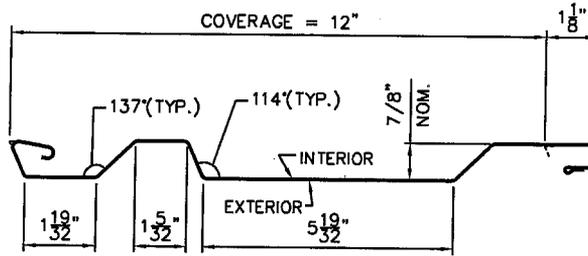
1. Installation shall be in accordance with the Florida Building Code.
2. Panels are single skin, steel wall panels to be used as non-load bearing exterior wall panels oriented horizontally or vertically.
3. Panels are fabricated from ASTM A653 G90 galvanized steel sheet with a minimum yield strength of 50 ksi and minimum thickness of 22 (.0299") gauge.
4. Panels shall be attached to steel supports with a minimum thickness of 16 (.0598") gauge.
5. Panels shall be attached to steel supports using Concept Series attachment clip using two (2) 1/4-14 self tapping stainless steel screws per clip as shown on the drawings. Screws by ATLAS BOLT & SCREW COMPANY, Ashland, Ohio.
6. Sealant shall be non-skinning butyl as show on the drawings. Sealant by Tremco, Ashland, Ohio.
7. Testing Standards:  
 Air infiltration per TAS 202~Passed  
 Water penetration per TAS 202~Passed  
 Impact per TAS 201~Passed  
 Deflection Cycling per TAS 203~Passed  
 Structural per TAS 202~Passed
8. Design pressure not to exceed  $\pm$  76 psf with panel spans of 3'-0" or less.
9. Panels were not evaluated for axial or diaphragm loads.

*Chumbo Alvin*  
 8-14-08  
 Fl. PE. 38502

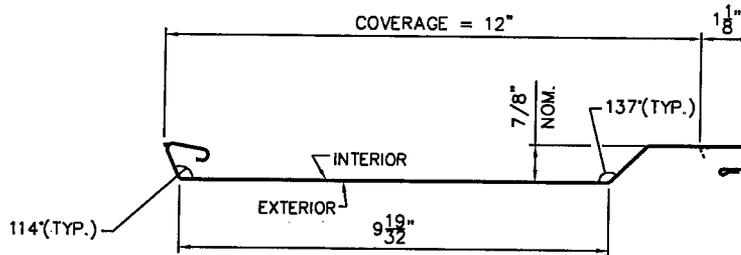
 <b>CENTRIA</b> <small>1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944          PHONE: 412-299-8000 FAX: 412-299-8317</small>	<b>Concept Series          GENERAL NOTES</b>	ISSUE# 0	DATE: 08-05-08
		DRAWING NO. CS8108	
		SHEET NO. 1 of 10	



CS-260



CS-210



CS-200



**CENTRIA**

1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944  
PHONE: 412-299-8000 FAX: 412-299-8317

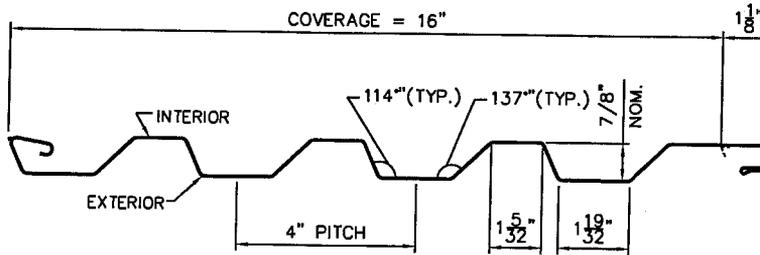
Concept Series  
12" Wide Coverage  
Wall Panel Profiles

ISSUE# 0

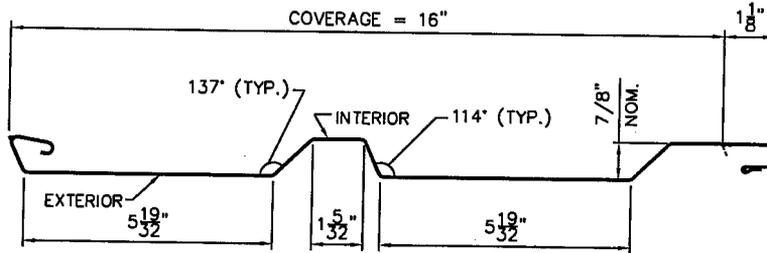
DATE: 08-05-08

DRAWING NO. CS8108

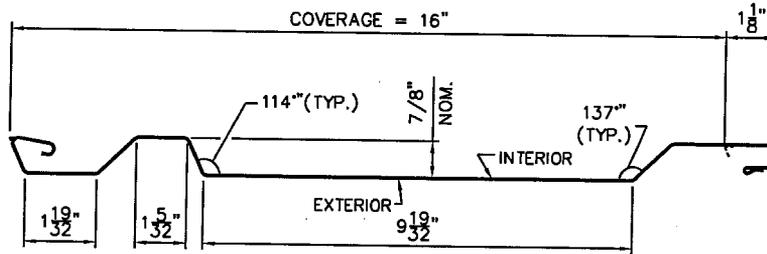
SHEET NO. 2 of 10



CS-660



CS-620



CS-610



**CENTRIA**

1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944  
PHONE: 412-299-8000 FAX: 412-299-8317

Concept Series  
16" Wide Coverage  
Wall Panel Profiles

ISSUE# 0

DATE: 08-05-08

DRAWING NO. CS8108

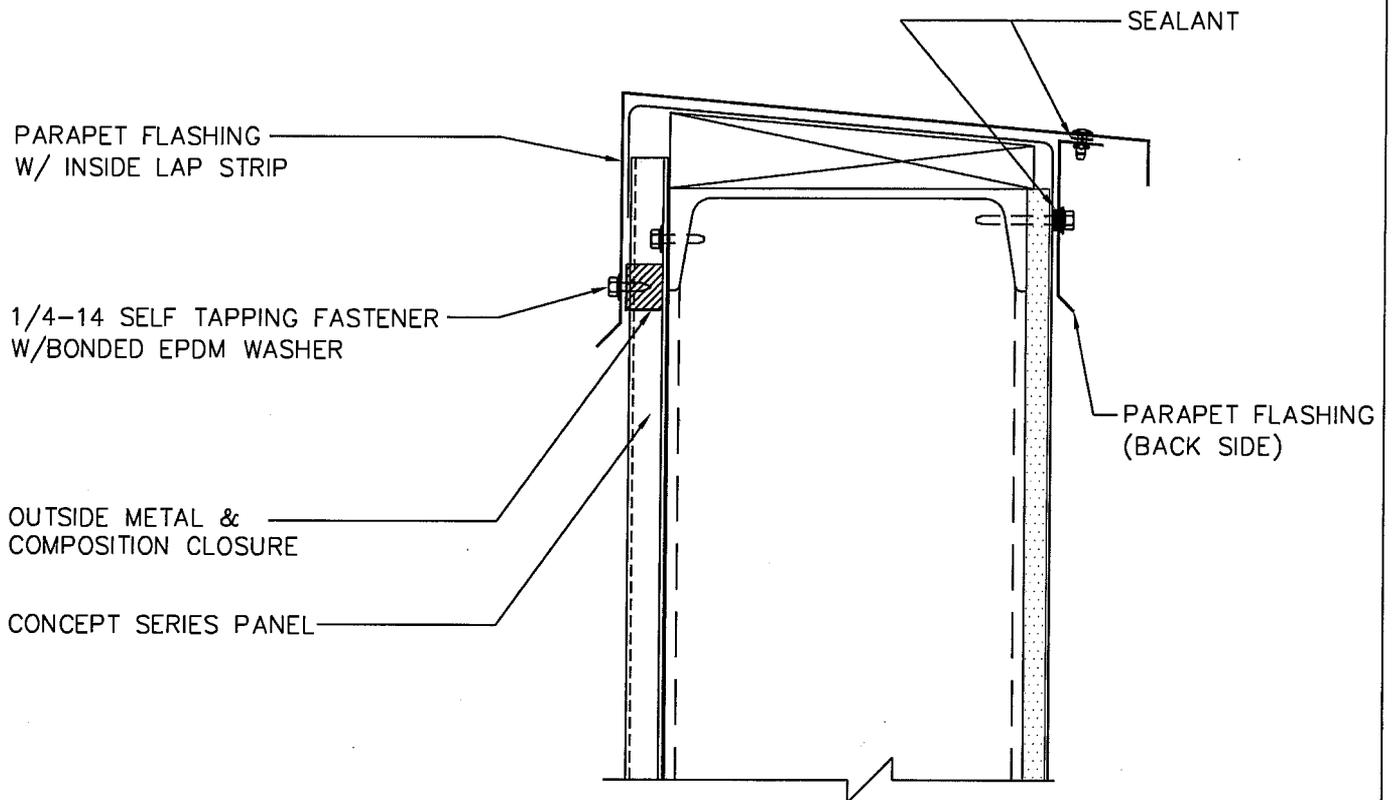
SHEET NO. 3 of 10

NOTE: (NBC) = NOT BY CENTRIA

**ERECTOR NOTE:**

FOLLOWING MATERIAL (NBC):

- WOOD BLOCKING
- ROOFING MEMBRANE
- SHEATHING
- WEATHER-RESISTIVE BARRIER & AIR BARRIER



 <b>CENTRIA</b> <small>1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944 PHONE: 412-299-8000 FAX: 412-299-8317</small>	Concept Series Vertical Wall Panel Top Detail	ISSUE# 0	DATE: 07-31-08
		DRAWING NO. CS8108	
		SHEET NO. 4 of 10	

NOTE: (NBC) = NOT BY CENTRIA

STRUCTURAL SUPPORT (NBC)

HIGH CELL SUPPORT FLASH  
(IF REQUIRED)

CONCEPT SERIES  
ATTACHMENT CLIP

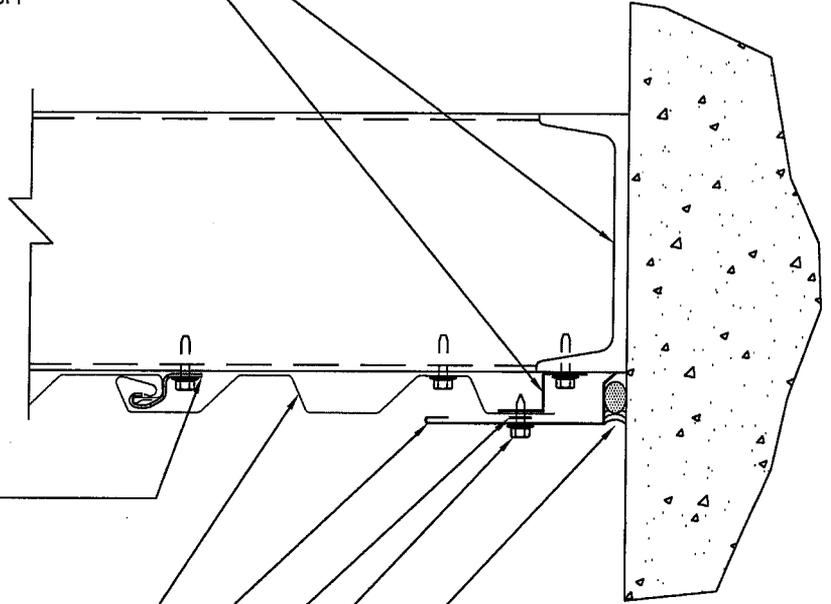
CONCEPT SERIES PANEL

ENDWALL FLASH

SEALANT

1/4-14 SELF TAPPING FASTENER  
W/BONDED EPDM WASHER

BACK ROD & SEALANT



  
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Concept Series  
Vertical Wall Panel  
Jamb Detail

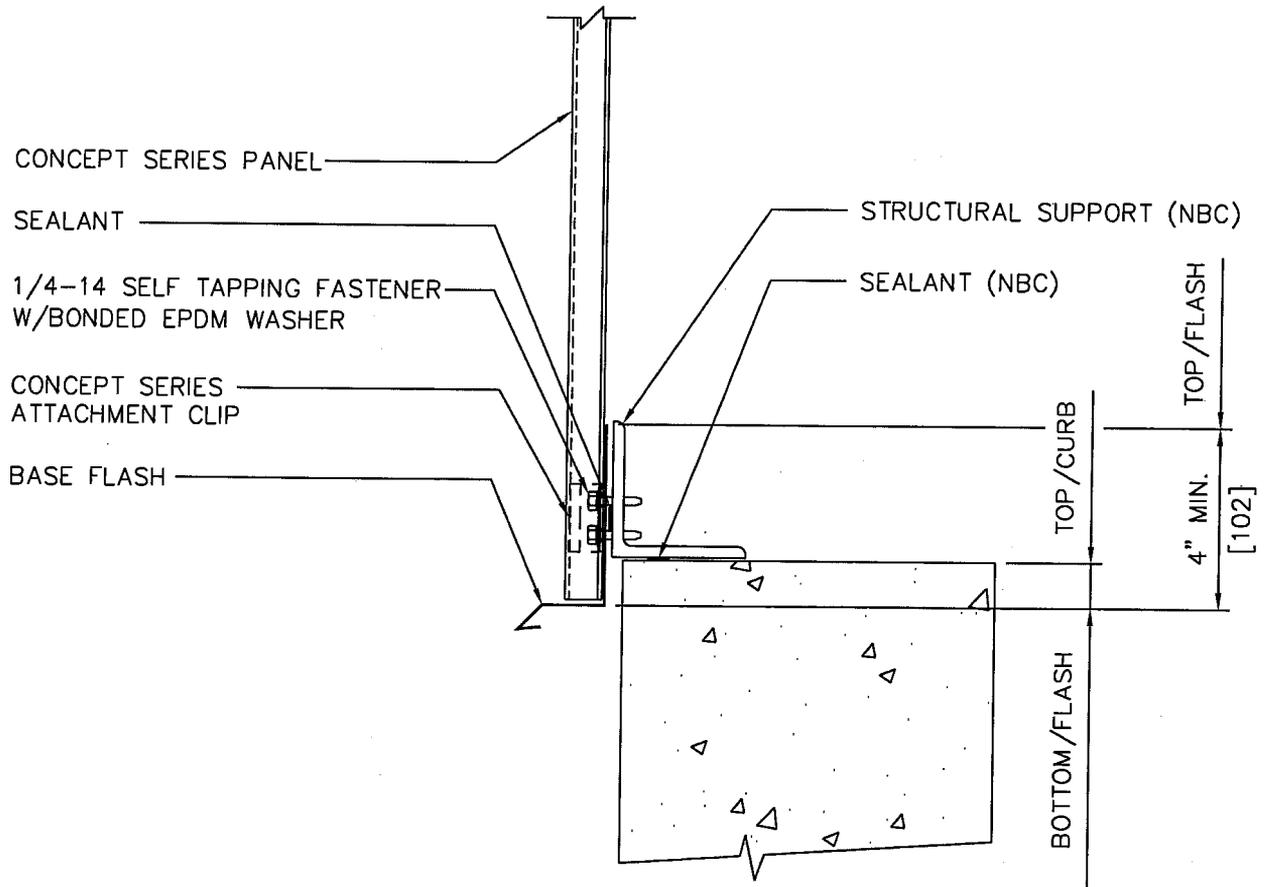
ISSUE# 0

DATE: 07-31-08

DRAWING NO. CS8108

SHEET NO. 5 of 10

NOTE: (NBC) = NOT BY CENTRIA




**CENTRIA**

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 PHONE: 412-299-8000 FAX: 412-299-8317

Concept Series  
 Vertical Wall Panel  
 Base Detail

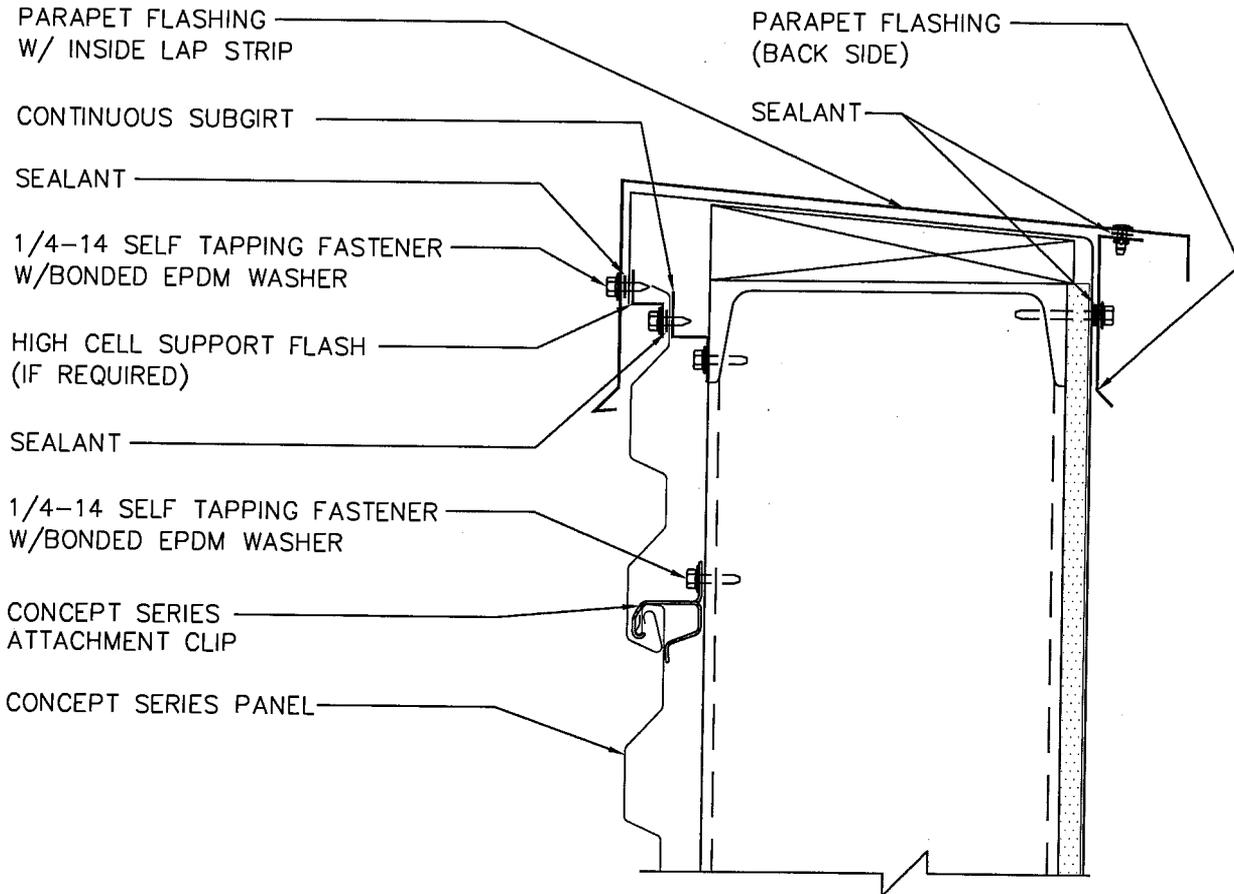
ISSUE#	0	DATE:	08-05-08
DRAWING NO.	CS8108		
SHEET NO.	6 of 10		

NOTE: (NBC) = NOT BY CENTRIA

ERECTOR NOTE:

FOLLOWING MATERIAL (NBC):

- WOOD BLOCKING
- ROOFING MEMBRANE
- SHEATHING
- WEATHER-RESISTIVE BARRIER & AIR BARRIER



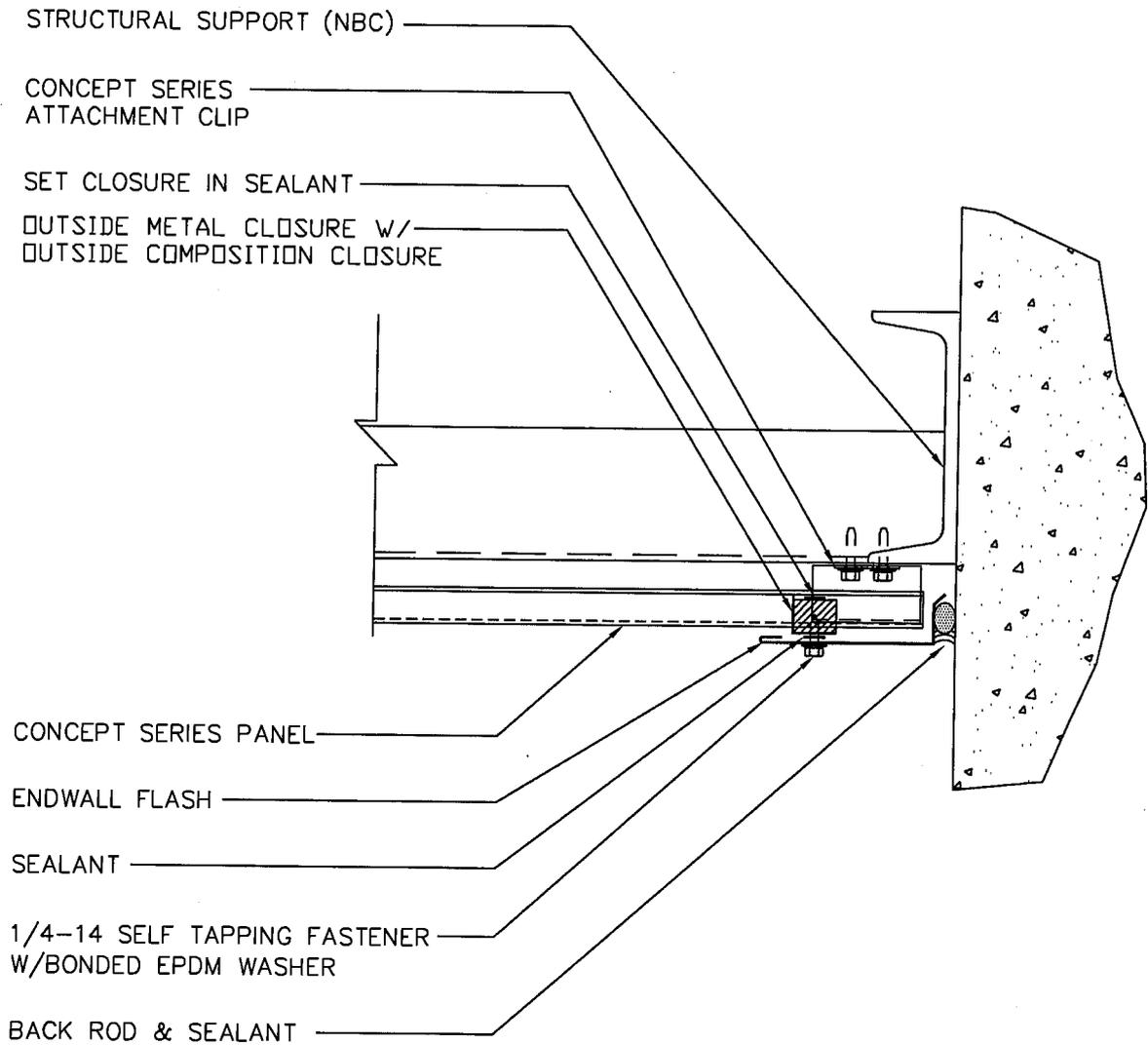

**CENTRIA**

1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944  
PHONE: 412-299-8000 FAX: 412-299-8317

Concept Series  
Horizontal Wall Panel  
Top Detail

ISSUE#	0	DATE:	08-05-08
DRAWING NO.	CS8108		
SHEET NO.	7 of 10		

NOTE: (NBC) = NOT BY CENTRIA



1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944  
PHONE: 412-299-8000 FAX: 412-299-8317

Concept Series  
Horizontal Wall Panel  
Jamb Detail

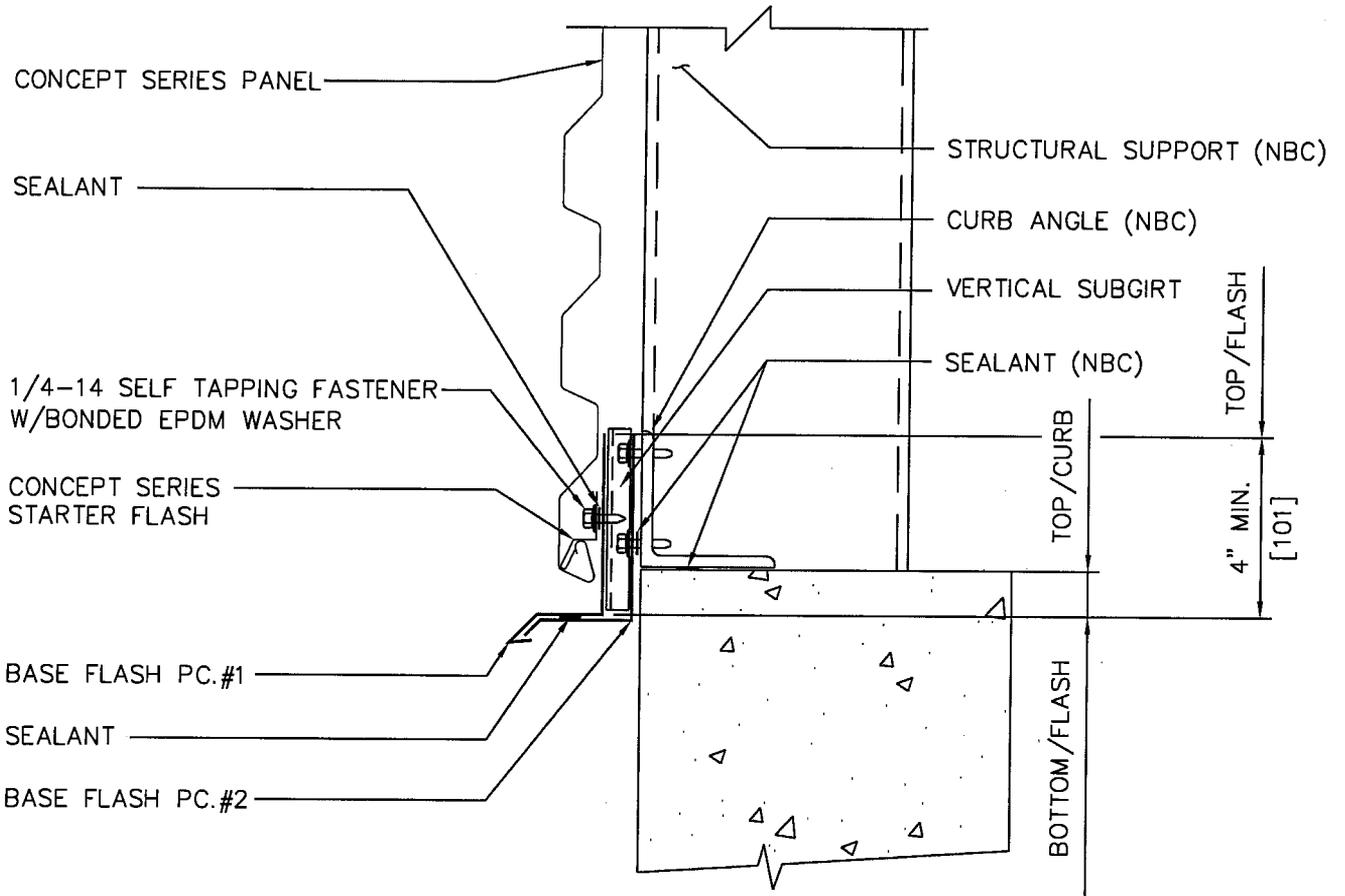
ISSUE# 0

DATE: 08-05-08

DRAWING NO. CS8108

SHEET NO. 8 of 10

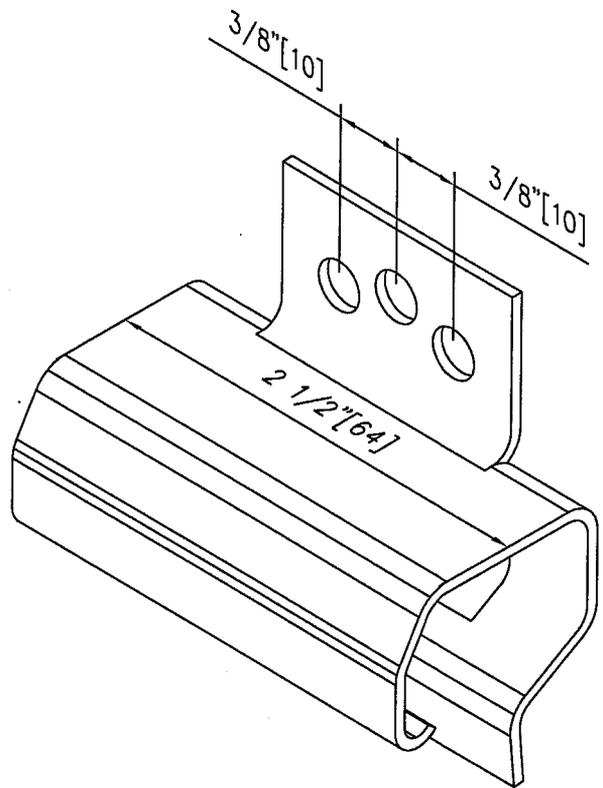
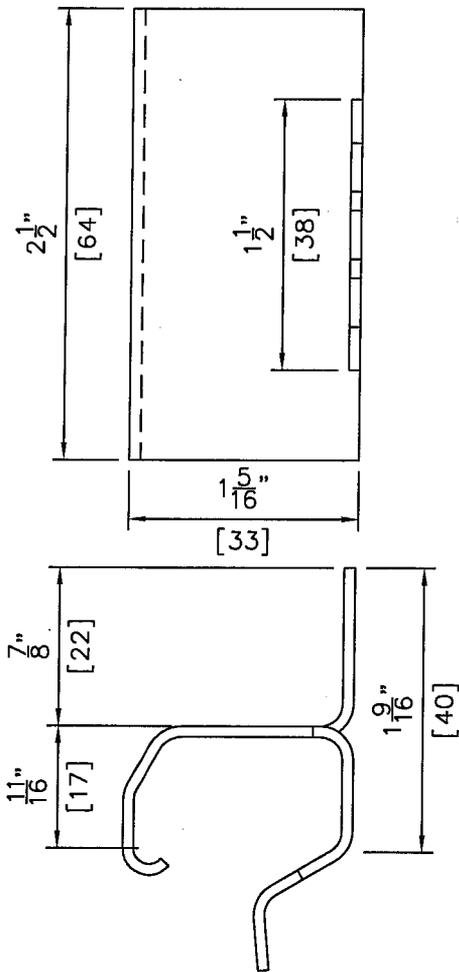
NOTE: (NBC) = NOT BY CENTRIA



1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944  
 PHONE: 412-299-8000 FAX: 412-299-8317

Concept Series  
 Horizontal Wall Panel  
 Base Detail

ISSUE#	0	DATE:	08-05-08
DRAWING NO.	CS8108		
SHEET NO.	9 of 10		



**CONCEPT SERIES ATTACHMENT CLIP**

16 GAGE G-90 GALVANIZED  
OR 16 GAGE 304 GRADE STAINLESS STEEL

 <b>CENTRIA</b> <small>1005 BEAVER GRADE ROAD MOON TWP., PA 15108-2944 PHONE: 412-299-8000 FAX: 412-299-8317</small>	Concept Series Panel Clip	ISSUE# 0	DATE: 08-05-08
		DRAWING NO. CS8108	
		SHEET NO. 10 of 10	