ATMIPrecast
Building Precast Solutions

October 9, 2018

ITEMS OF INFORMATION – CLADDING

(See ATMI's standard cladding details for more information)

Design Criteria

- Building Code and fire Rating(s), if and where required
- Equivalent fluid pressure for precast walls below grade (e.g., dock walls) (in "dry condition" and in active state) along with surcharge Live Load on Slab-on-Grade
- Wind Loading for Cladding and Components
- Are Precast Wall Panels part of the lateral load resisting system?
  - ✓ If yes, to resist Seismic Loading, ATMI assumes/designs precast walls to be "Ordinary Precast Shear Walls" with a Seismic Response Modification Coefficient of R=3.
  - ✓ If no, provide the maximum in-plane horizontal deflections that must be accommodated at precast wall panel tie back to structure framing.

Architectural

- Assumed panel thickness, panelization (ATMI standard joint width is 1/2-inch) and panel finishes
- Typical panel widths are nomimal 14'-0" or 12'-0" wide panels
- 18-inch minimum jamb at openings required (minimum width from edge of panel to edge of any opening)
- Top and bottom of precast panel elevations (ATMI assumes 1-inch grout annular space between bottom of panel and top of footing/foundation)
- Expansion joints (EJ's should occur in wall panels where a roof EJ occurs; ATMI prefers roof EJ's align with wall panel joints; EJ width, anticipated in-plane and out-of-plane movements, and EJ material, are the responsibility of the AOR/EOR to design and detail).
- Scupper size and location, if required
- Reveal size and locations (ATMI standard reveal depth is 1/2-inch). Location of drips, wash, chamfers, etc.
- Rough opening sizes (windows, doors, dock doors, clerestory windows, etc.)
- Precast joints (butt, mitre, lapped, etc.) ATMI prefers butt or lapped precast joints.

Structural

- Foundation Plans/details with T/Foundation or T/Footing identified (i.e., bottom of panel) including steps in foundations.
- ATMI assumes all panels founded at -(3'-0") or greater will be tied back to SOG with floor ties. ATMI will provide floor tie loads for design of SOG by EOR.
- ATMI assumes that all panels will be braced by floor/roof structure behind the panel unless explicitly noted otherwise by the EOR on the drawings.
- Precast wall panels/spandrels lateral tie back connection details and gravity support details (see ATMI standard cladding details for more information).
- Provide all loads as Service Loads (or identify as ultimate loads)
- Lateral Loads to be resisted (if any) – service level diaphragm shears due to wind and seismic, imposed on precast due (plf at all floors and roof)
  - ✓ Indicate whether or not seismic lateral loads noted take into account the weight of panels parallel to direction of seismic load
- Special Loads - Provide DL, LL, N (axial tension), uplift (kips) for each condition:
  - ✓ Canopies; Awnings; Wind girts; and other structural elements attached to precast
  - ✓ Provide detail and galvanizing (or other protection) requirements
- Bottom of roof/floor deck and/or T/Steel elevations (ATMI prefers, and unless directed otherwise, bids and assumes constant elevation bottom of deck elevations)

OFFICE: 960 RIDGEWAY AVENUE, AURORA, IL 60506 TEL 630-896-4679 FAX 630-896-4871

PLANT: 960 RIDGEWAY AVENUE, AURORA, IL 60506 TEL 630-897-0577 FAX 630-896-0747

STANDARD SHOP DRAWING CLADDING DETAILS

05/26/2021

http://www.atmiprecast.com

960 RIDGEWAY AVE
AURORA, IL 60506
630-896-4679

XX	STANDARD PANEL CROSS SECTIONS	09/06/2018	D70	3/4" EDGE CHAMFER ON EACH FACE	01/09/2017
D1A	BASE CONNECTION AT TRENCH FTG	5 01/28/2020	D71	DRIP REVEAL	01/09/2017
D2	BASE CONNECTION AT WIDE STEM WALL	2 01/28/2020	D72	SILL WASH	01/09/2017
CD20A	PANEL TIE BACK CONN AT CONCRETE SLAB	01/16/2019	D73	PANEL JOINT	01/09/2017
CD20B	PANEL TIE BACK CONN AT CONCRETE SLAB	01/16/2019	D74	FIRE RATED PANEL JOINT	01/09/2017
CD20C	PANEL TIE BACK CONN AT CONCRETE SLAB	05/26/2021	D75	REINFORCING AROUND OPENINGS	1 10/17/2018
CD20D	PANEL TIE BACK CONN AT STEEL BEAM WITH KICKER	05/26/2021			
CD21A	PANEL TIE BACK CONN TO STEEL AT CONCRETE SLAB	01/16/2019			
CD21B	PANEL TIE BACK CONN TO STEEL AT CONCRETE SLAB	01/16/2019			
CD25	STACKED PANELS CONN	01/16/2019			
CD30A	PANEL TIE BACK CONN AT STEEL DECK	01/16/2019			
CD30B	PANEL TIE BACK CONN AT STEEL DECK	01/16/2019			
CD35A	PANEL TIE BACK CONN AT STEEL DECK	01/16/2019			
CD35B	PANEL TIE BACK CONN AT STEEL DECK	01/16/2019			
CD40A	PANEL TIE BACK CONN AT GIRT	01/16/2019			
CD40B	PANEL TIE BACK CONN AT GIRT	01/16/2019			
D44	ALIGNMENT/SHEAR CONNECTION	1 10/04/2019			
D45	EXPANSION JOINT ALIGNMENT CONNECTION	2 01/28/2020			
D46	PANEL CONNECTION	1 01/28/2020			
D47	SHEAR CONNECTION	1 10/28/2019			
D48	TEMPORARY PANEL ALIGNMENT CONNECTION	1 03/01/2017			
CD50	MITER CORNER	01/09/2017			
CD51A	OUTSIDE BUTT CORNER (ARCH FINISH)	01/16/2019			
D52	INSIDE BUTT CORNER	01/09/2017			
D53	OVERLAP CORNER	01/09/2017			
D60	SPANDREL SUPPORT	1 11/14/2017			
D62A	SPANDREL TO STEEL COLUMN	12/11/2018			
D62C	SPANDREL TO STEEL COLUMN	12/11/2018			
D63A	SPANDREL TO COLUMN - JOINT	12/11/2018			
D63C	SPANDREL TO COLUMN - JOINT	12/11/2018			
D66	VERTICAL/HORIZONTAL REVEAL	01/09/2017			
D67	CAULK CORNER	01/09/2017			
D68	1/2" EDGE CHAMFER	01/09/2017			

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Building Precast Solutions

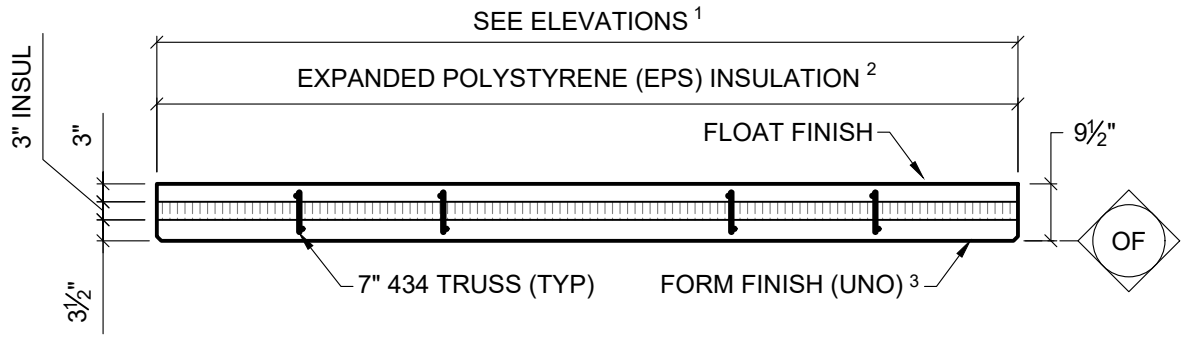
TITLE: TABLE OF CONTENTS

BY: ATMI

PROJECT: STANDARD CLADDING DETAILS

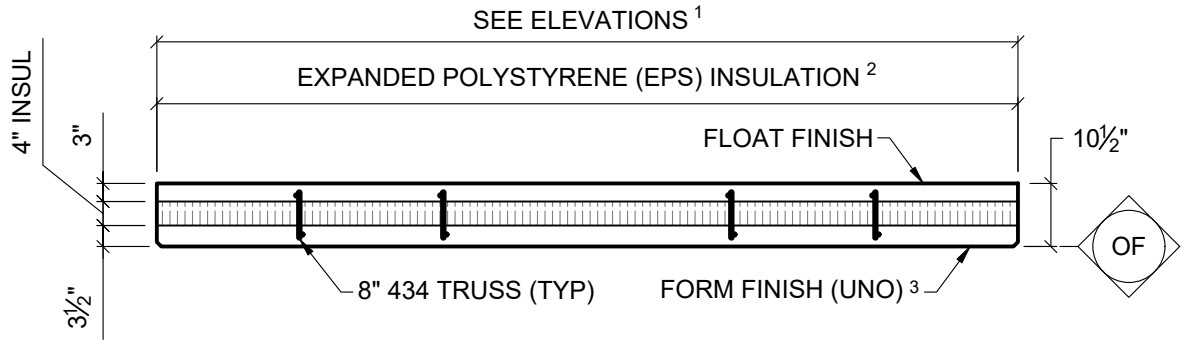
ISSUED: 05/26/2021

REVISED: 0



XX 9 1/2" PANEL SECTION

SCALE: 3/8" = 1'-0"



XX 10 1/2" PANEL SECTION

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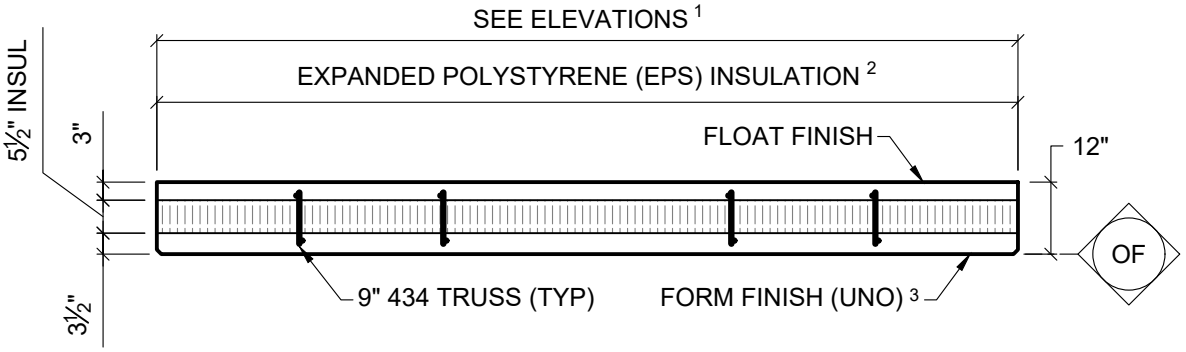

XX 12" PANEL SECTION

SCALE: 3/8" = 1'-0"

NOTES:

1. PANEL WIDTHS SHOWN ON ELEVATIONS ARE NOMINAL PANEL WIDTHS. ACTUAL PANEL SIZE ACCOUNTS FOR PRECAST JOINTS (ATMI STANDARD DETAIL D73).
2. INSULATION MAY NOT BE CONTINUOUS AS SHOWN. SOLID AREAS ARE REQUIRED AT DUNNAGE, EMBEDDED MATERIAL LOCATIONS, AND ANY AREAS DEEMED NECESSARY TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE PRECAST MEMBER.
3. CONCRETE IS COMPOSED OF NATURAL MATERIALS. VARIATIONS IN AESTHETIC APPEARANCE (e.g. COLOR, TEXTURE) SHOULD BE EXPECTED WITH ATMI PRECAST'S STANDARD GRAY MIX.
4. REFER TO INDIVIDUAL PANEL MANUFACTURING DRAWINGS FOR STRAND, TRUSS, AND REBAR LOCATIONS.

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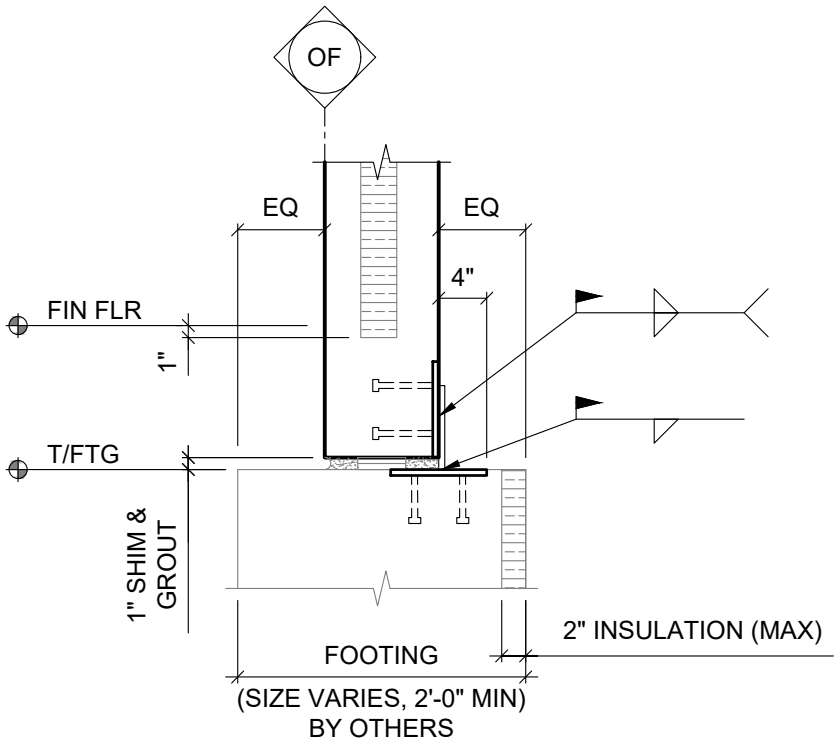
Building Precast Solutions

TITLE: STANDARD PANEL CROSS SECTIONS			BY: ATMI
PROJECT: STANDARDS			XX
ISSUED: 09/06/2018	REVISED: 0		



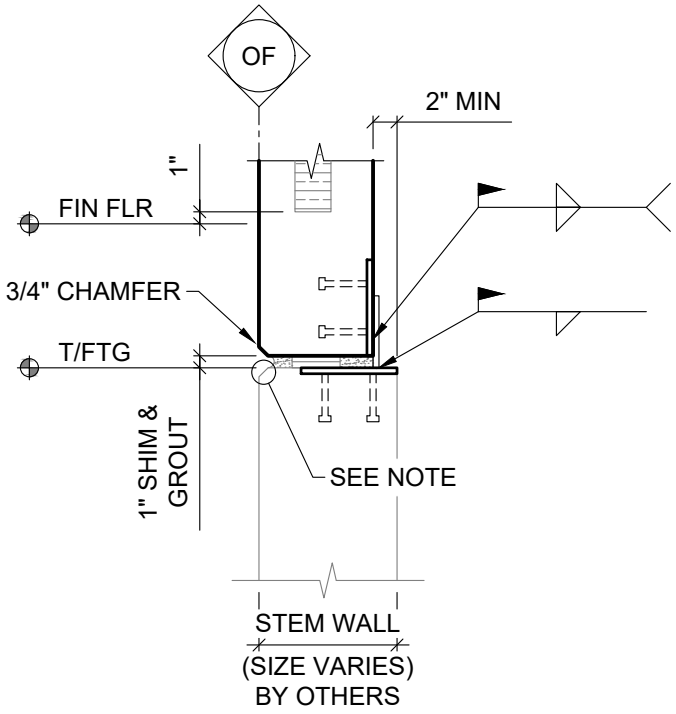
BASE CONNECTION AT TRENCH FOOTING

D1A

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D1A
	ISSUED: 02/17/2017	REVISED: 4 04/29/2019	

NOTE:
ATMI RECOMMENDS ADDING CHAMFERED EDGE TO THE OUTSIDE FACE TOP EDGE OF STEM WALLS TO REDUCE CHIPPING & SPALLING DURING TYPICAL PRECAST ERECTION.

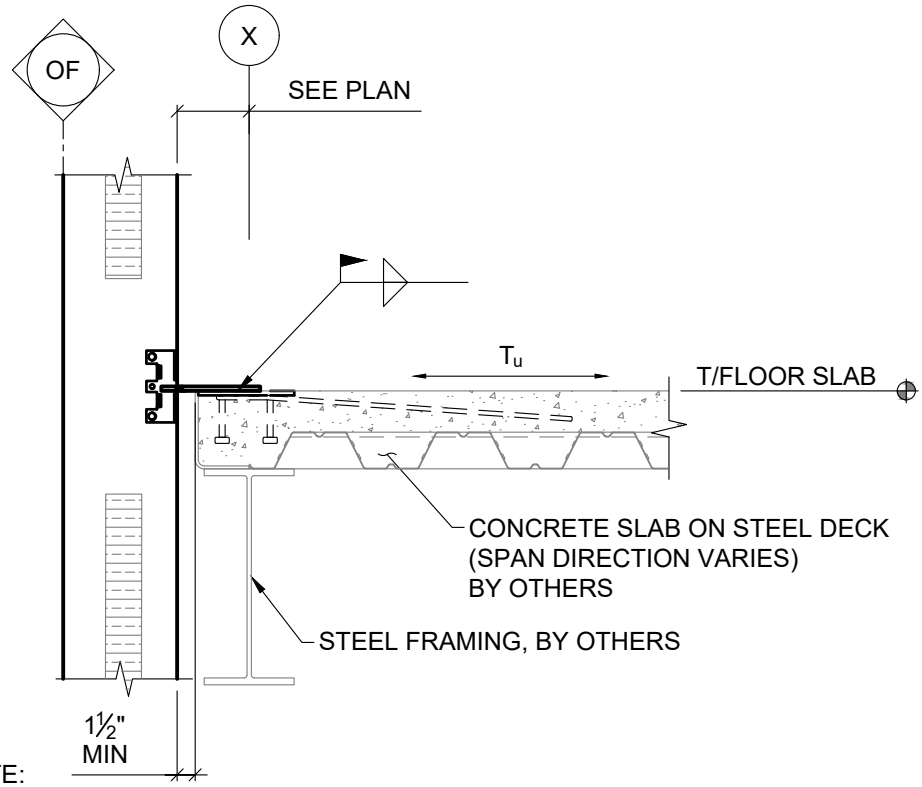


BASE CONNECTION AT STEM WALL

D2

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D2
	ISSUED: 01/09/2017	REVISED: 1 08/31/2018	



NOTE:
P-29 TO TRANSFER SPECIFIED IN-PLANE LOADING AND OUT OF PLANE LOADING FROM TABLE ABOVE.

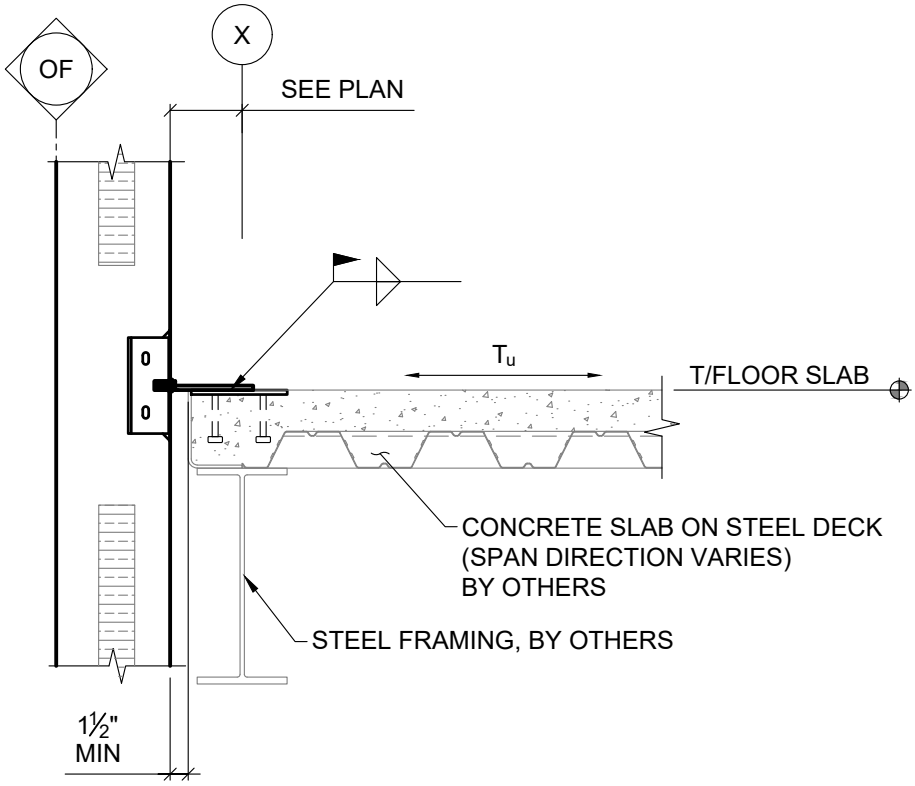
LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

PANEL TIE BACK CONN AT CONCRETE SLAB

CD20A

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD20A
	ISSUED: 01/16/2019	REVISED: 0	

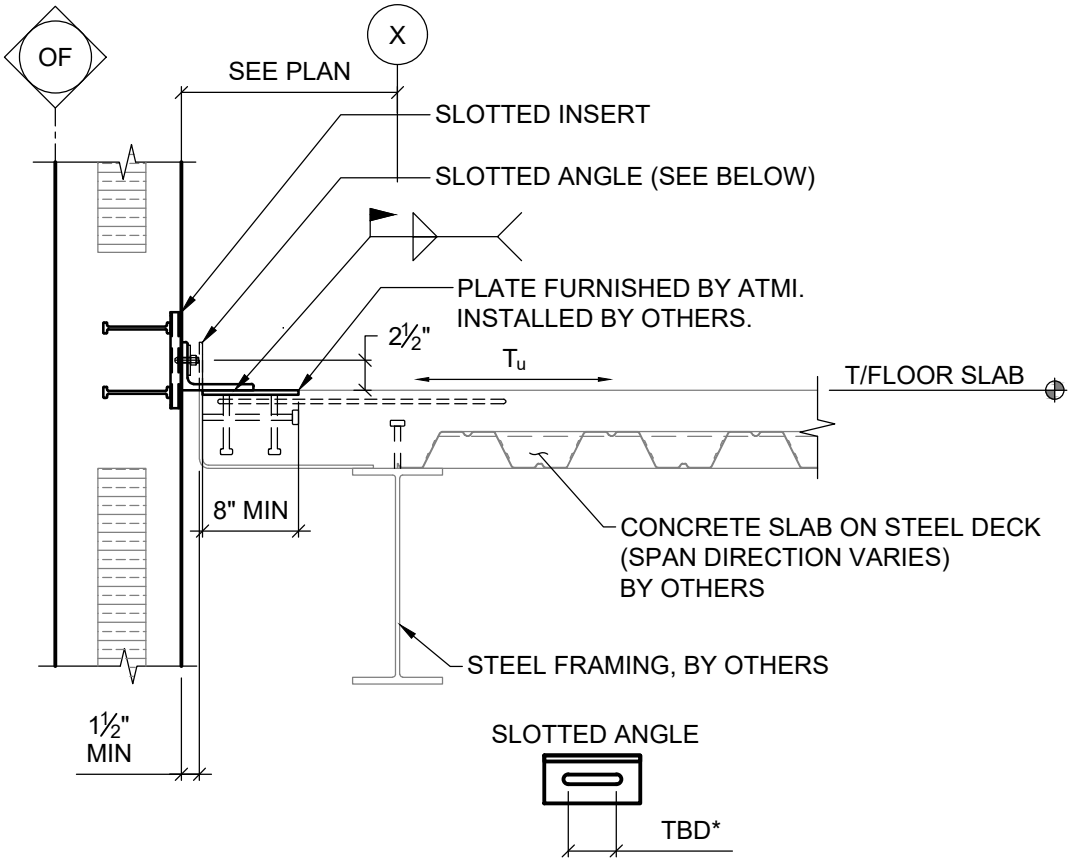


LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

PANEL TIE BACK CONN AT CONCRETE SLAB

CD20B

SCALE: 3/4" = 1'-0"



PANEL TIE BACK CONN AT CONCRETE SLAB

CD20C

SCALE: 3/4" = 1'-0"

SLOTTED ANGLE

*SLOT LENGTH IS TYPICALLY BASED ON ANTICIPATED MOVEMENT OF LATERAL FORCE RESISTING SYSTEM

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

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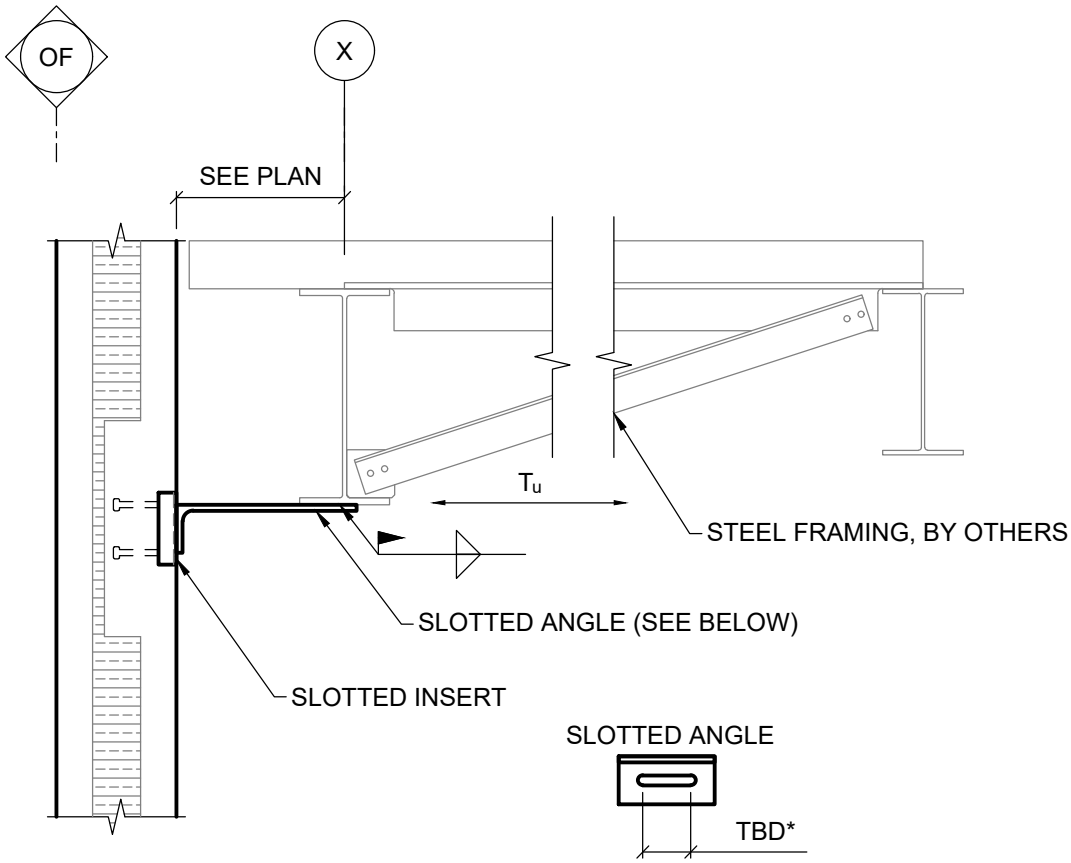
TITLE:	SHOP DRAWING DETAILS - CLADDING PROJECTS	BY:	ATMI
PROJECT:	STANDARDS		CD20C
ISSUED:	05/26/2021	REVISED:	0



SLOTTED ANGLE

*SLOT LENGTH IS TYPICALLY BASED ON ANTICIPATED MOVEMENT OF LATERAL FORCE RESISTING SYSTEM

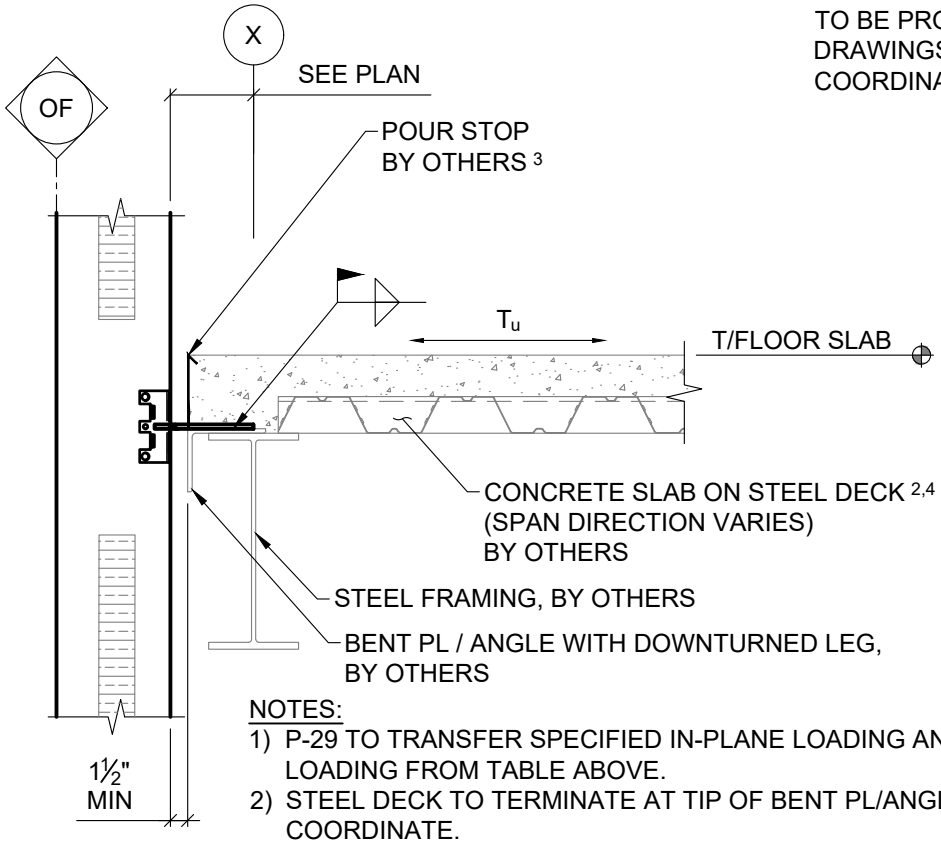
PANEL TIE BACK CONN AT STEEL BEAM WITH KICKER

CD20D

SCALE: 3/4" = 1'-0"

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.



NOTES:

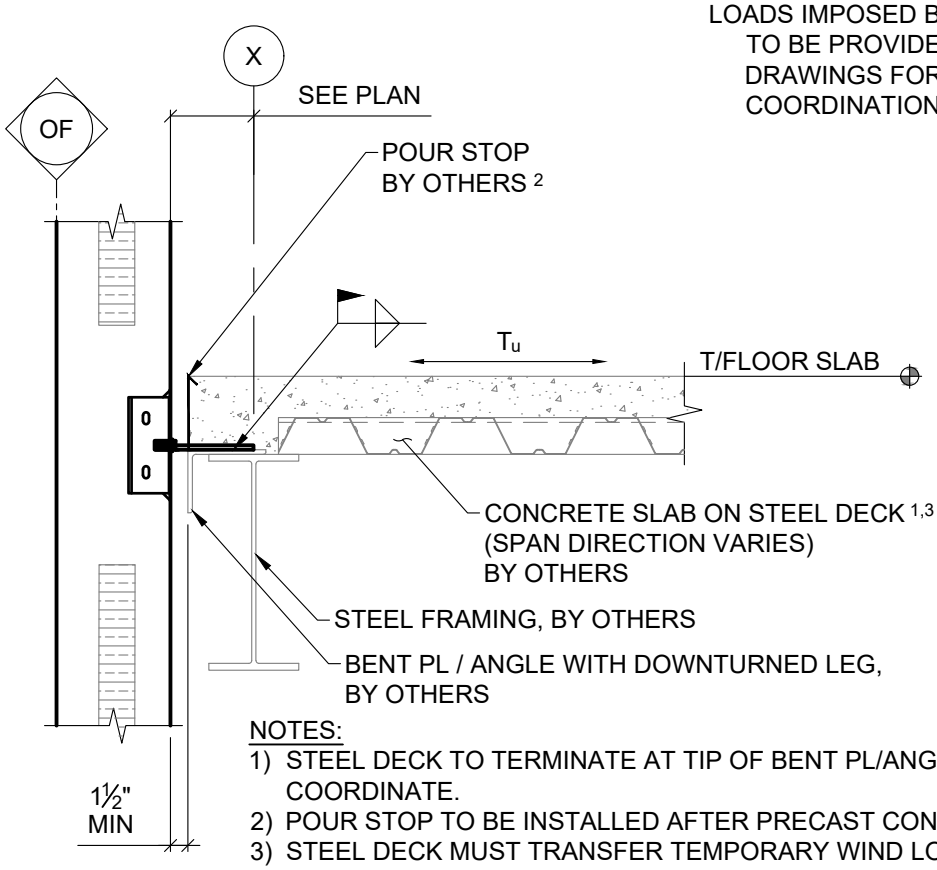
1) P-29 TO TRANSFER SPECIFIED IN-PLANE LOADING AND OUT OF PLANE LOADING FROM TABLE ABOVE.
2) STEEL DECK TO TERMINATE AT TIP OF BENT PL/ANGLE; GC TO COORDINATE.
3) POUR STOP TO BE INSTALLED AFTER PRECAST CONNECTIONS.
4) STEEL DECK MUST TRANSFER TEMPORARY WIND LOADS.

PANEL TIE BACK CONN TO STEEL AT CONCRETE SLAB

CD21A

SCALE: 3/4" = 1'-0"

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.



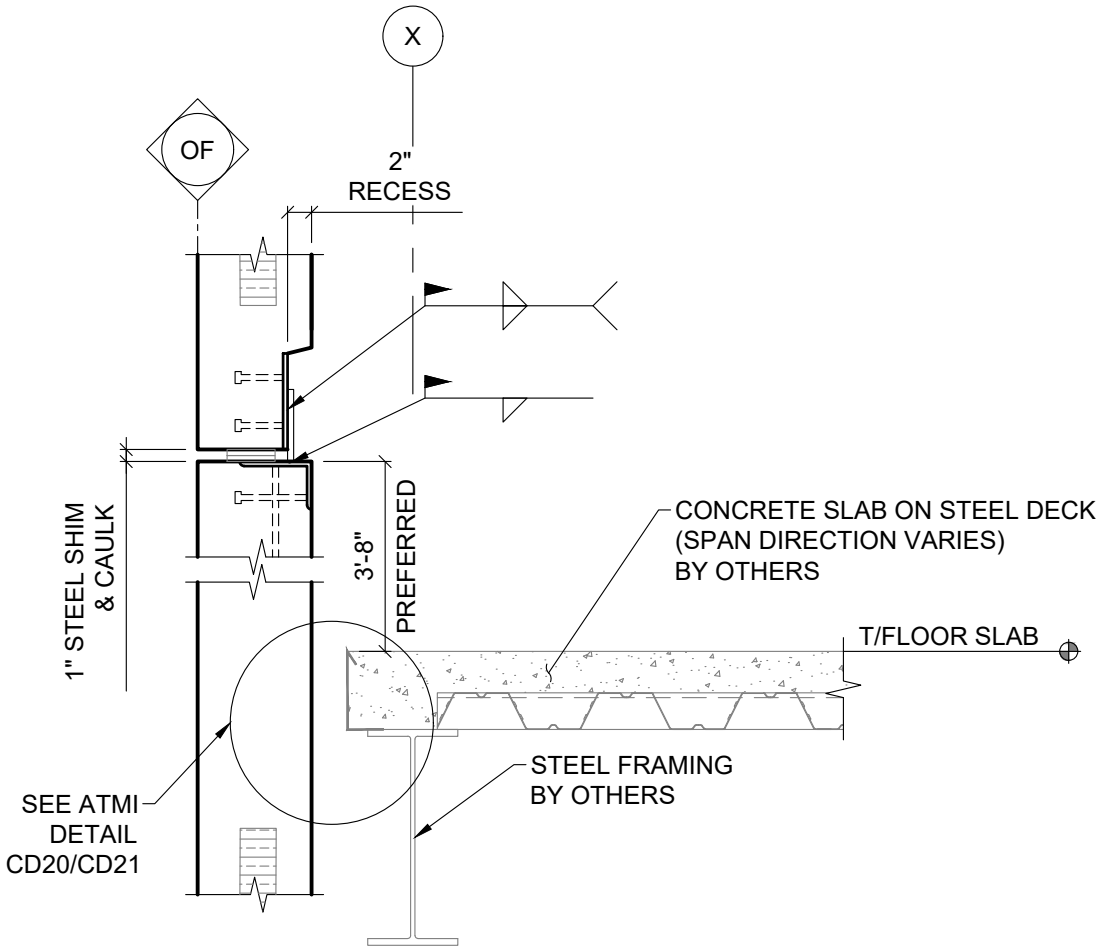
NOTES:

1) STEEL DECK TO TERMINATE AT TIP OF BENT PL/ANGLE; GC TO COORDINATE.
2) POUR STOP TO BE INSTALLED AFTER PRECAST CONNECTIONS.
3) STEEL DECK MUST TRANSFER TEMPORARY WIND LOADS.

PANEL TIE BACK CNX TO STEEL @ CONCRETE SLAB

CD21B

SCALE: 3/4" = 1'-0"

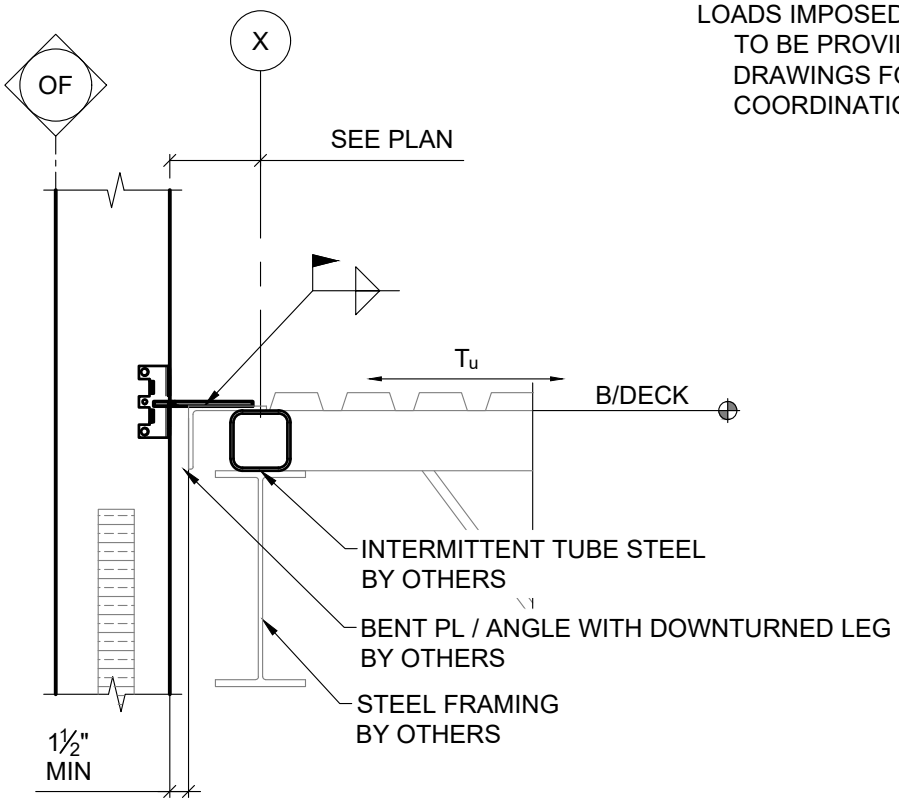


CD25 STACKED PANEL CONN

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD25
	ISSUED: 01/16/2019	REVISED: 0	

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.



NOTES:

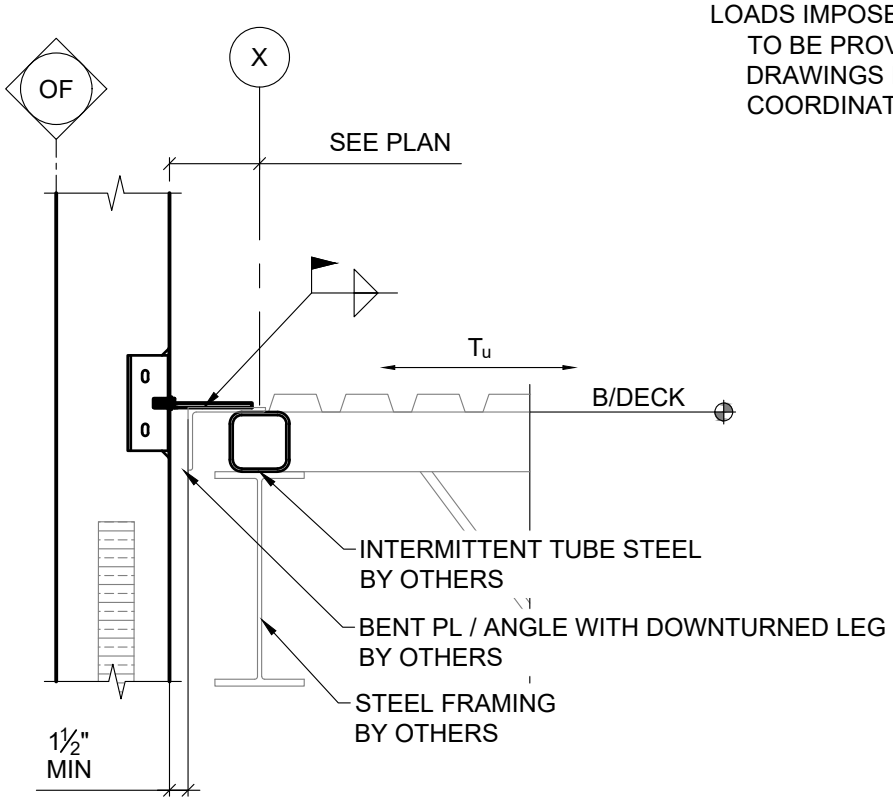
1) P-29 TO TRANSFER SPECIFIED IN-PLANE LOADING AND OUT OF PLANE LOADING FROM TABLE ABOVE.
2) STEEL DECK TO TERMINATE AT TIP OF BENT PL/ANGLE; GC TO COORDINATE.

PANEL TIE BACK CONN AT STEEL DECK

CD30A

SCALE: 3/4" = 1'-0"

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

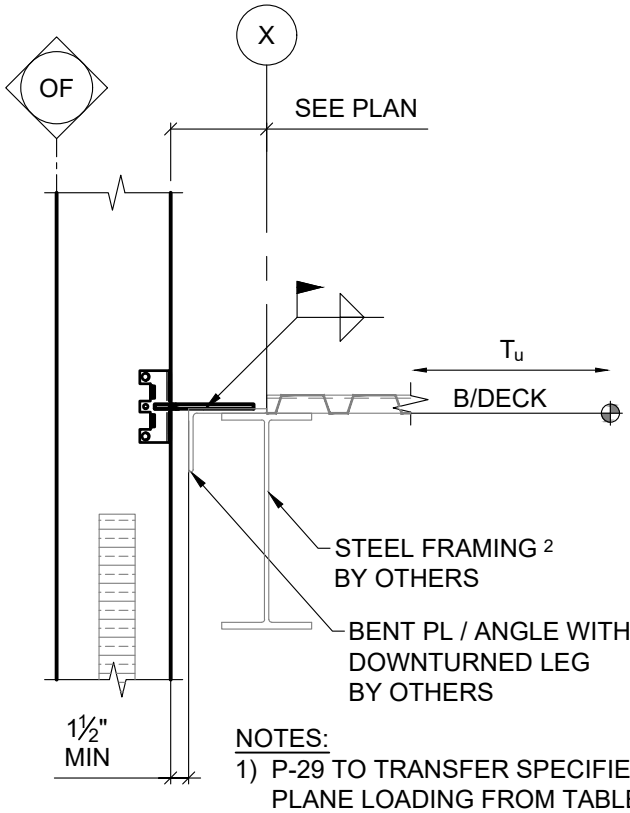


NOTE:
STEEL DECK TO TERMINATE AT TIP OF BENT PL/ANGLE; GC TO COORDINATE.

PANEL TIE BACK CONN AT STEEL DECK

CD30B

SCALE: 3/4" = 1'-0"



LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

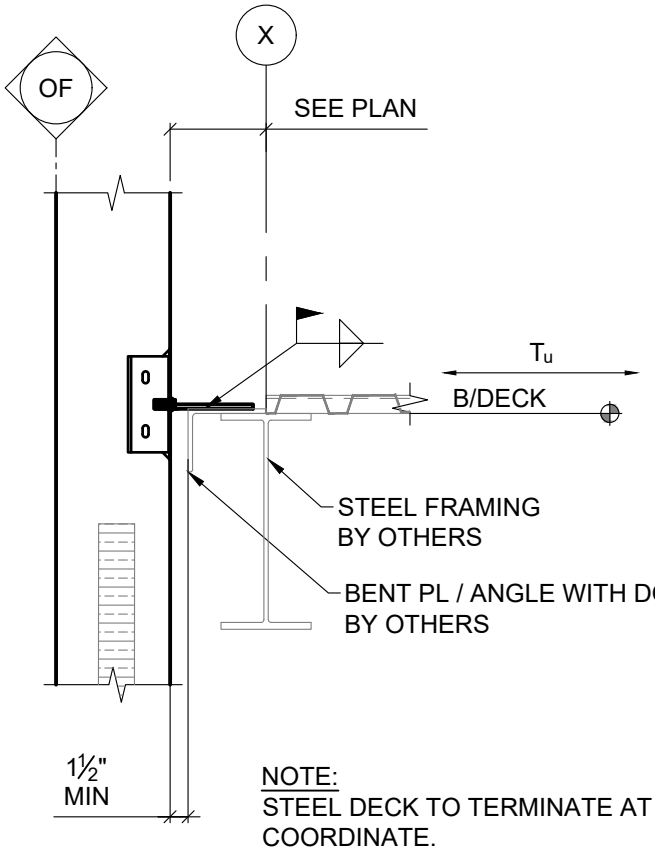
NOTES:

1) P-29 TO TRANSFER SPECIFIED IN-PLANE LOADING AND OUT OF PLANE LOADING FROM TABLE ABOVE.
2) STEEL DECK TO TERMINATE AT CENTERLINE OF BEAM; GC TO COORDINATE.

PANEL TIE BACK CONN AT STEEL DECK

CD35A

SCALE; 3/4" = 1'-0"



LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

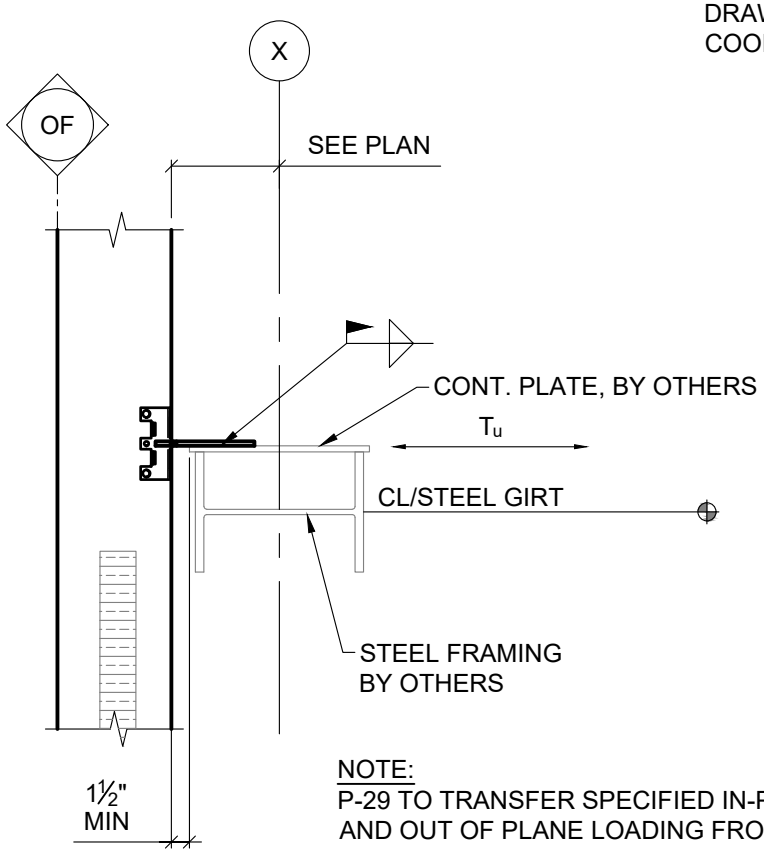
NOTE:
STEEL DECK TO TERMINATE AT CENTERLINE OF BEAM; GC TO COORDINATE.

PANEL TIE BACK CONN AT STEEL DECK

CD35B

SCALE: 3/4" = 1'-0"

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.



NOTE:
P-29 TO TRANSFER SPECIFIED IN-PLANE LOADING AND OUT OF PLANE LOADING FROM TABLE ABOVE.

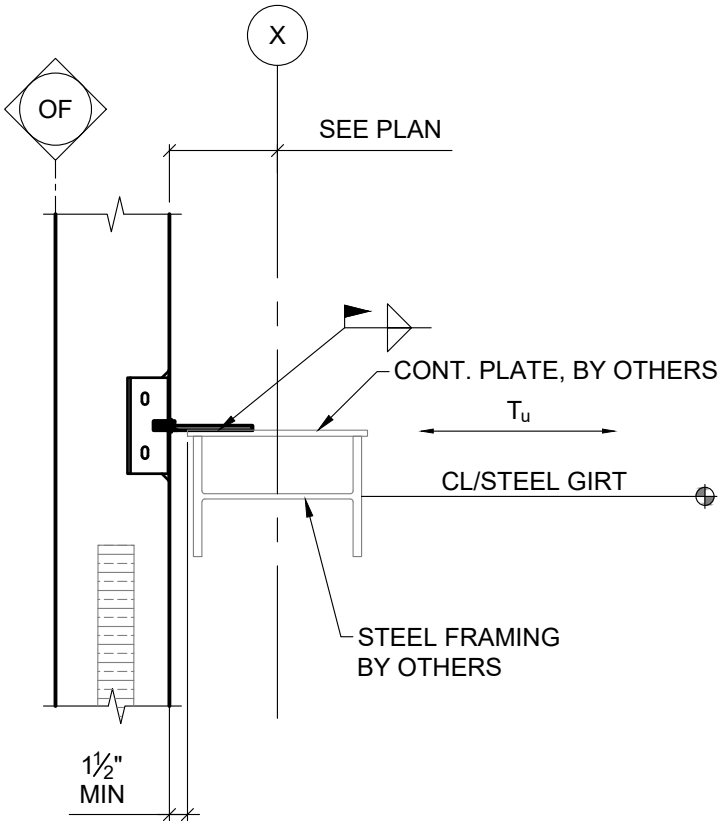
PANEL TIE BACK CONN AT GIRT

CD40A

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD40A
	ISSUED: 01/16/2018	REVISED: 0	

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.



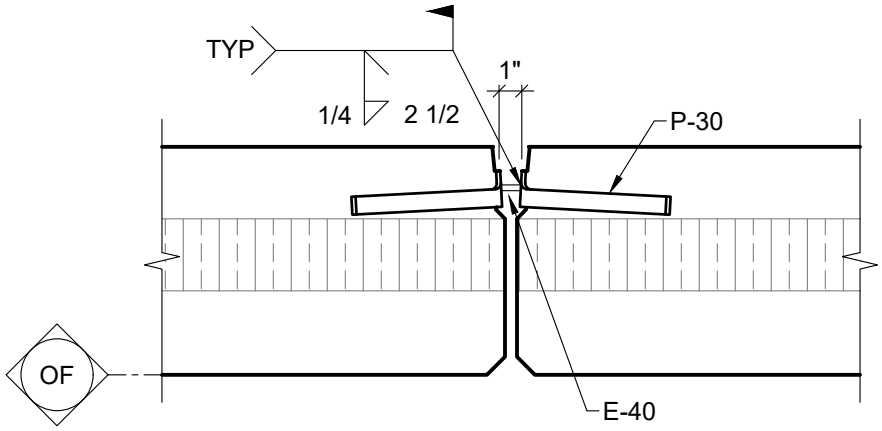
CD40B PANEL TIE BACK CONN AT GIRT

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD40B
	ISSUED: 01/16/2019	REVISED: 0	

NOTE:
REQUIRED CONNECTIONS ARE INDICATED IN THE ELEVATIONS BY THE FOLLOWING SYMBOL

ALL OTHER CONNECTIONS OF THIS TYPE ARE USED AT THE ERECTOR'S DISCRETION TO LIMIT DIFFERENTIAL BOW BETWEEN PANELS



ALIGNMENT/SHEAR CONNECTION

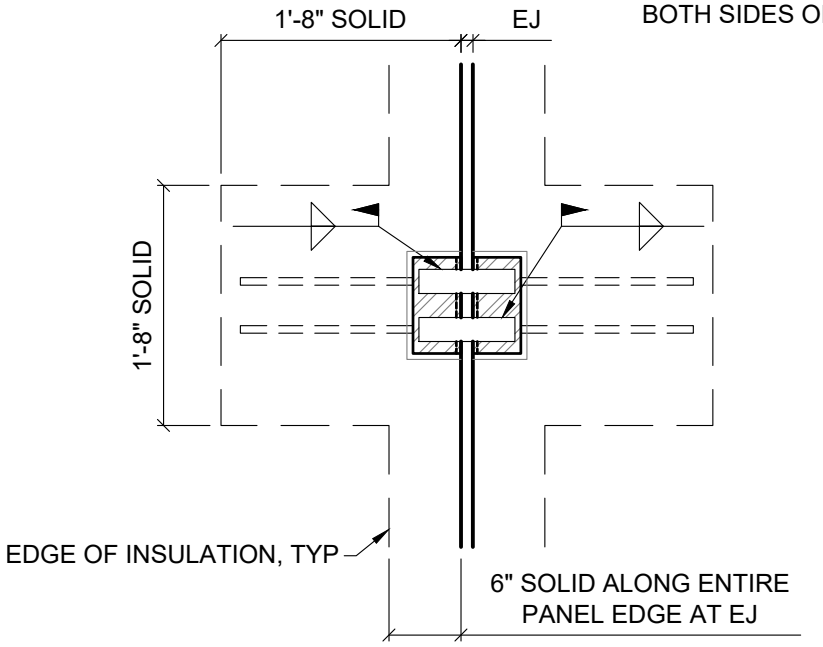
D44

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

EMBED	DESCRIPTION
P-30	THIN WYTHE CONNECTOR
E-40	PL1/2"xVARIESx3"

NOTES:
STANDARD DETAIL ALLOWS FOR MAXIMUM 3" EXPANSION JOINT.

DO NOT WELD EITHER PLATE ON BOTH SIDES OF THE JOINT.



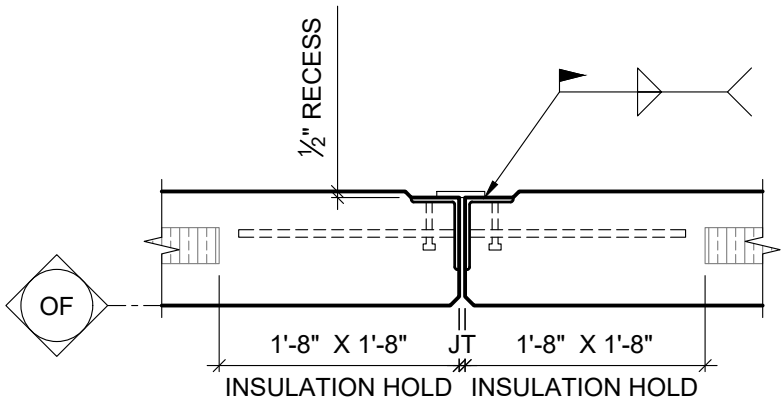
EXPANSION JOINT ALIGNMENT CONNECTION

D45

SCALE: 3/4" = 1'-0"

ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D45
ISSUED: 03/03/2017	REVISED: 1 12/08/2017		

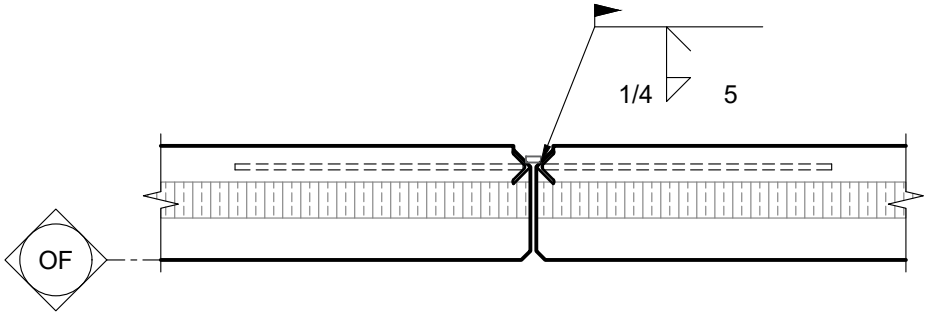


D46 PANEL CONNECTION

SCALE: 3/4" = 1'-0"

ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D46
ISSUED: 01/09/2017	REVISED: 0		



D47 SHEAR CONNECTION

SCALE: 3/4" = 1'-0"

EMBED	DESCRIPTION
P-13	L2"x2"x1/4"x1'-0" w/ (4) 1/2"Øx24" DBA
E-49	PL1/2" x 1 1/4" x 0'-6"

ATMIPrecast
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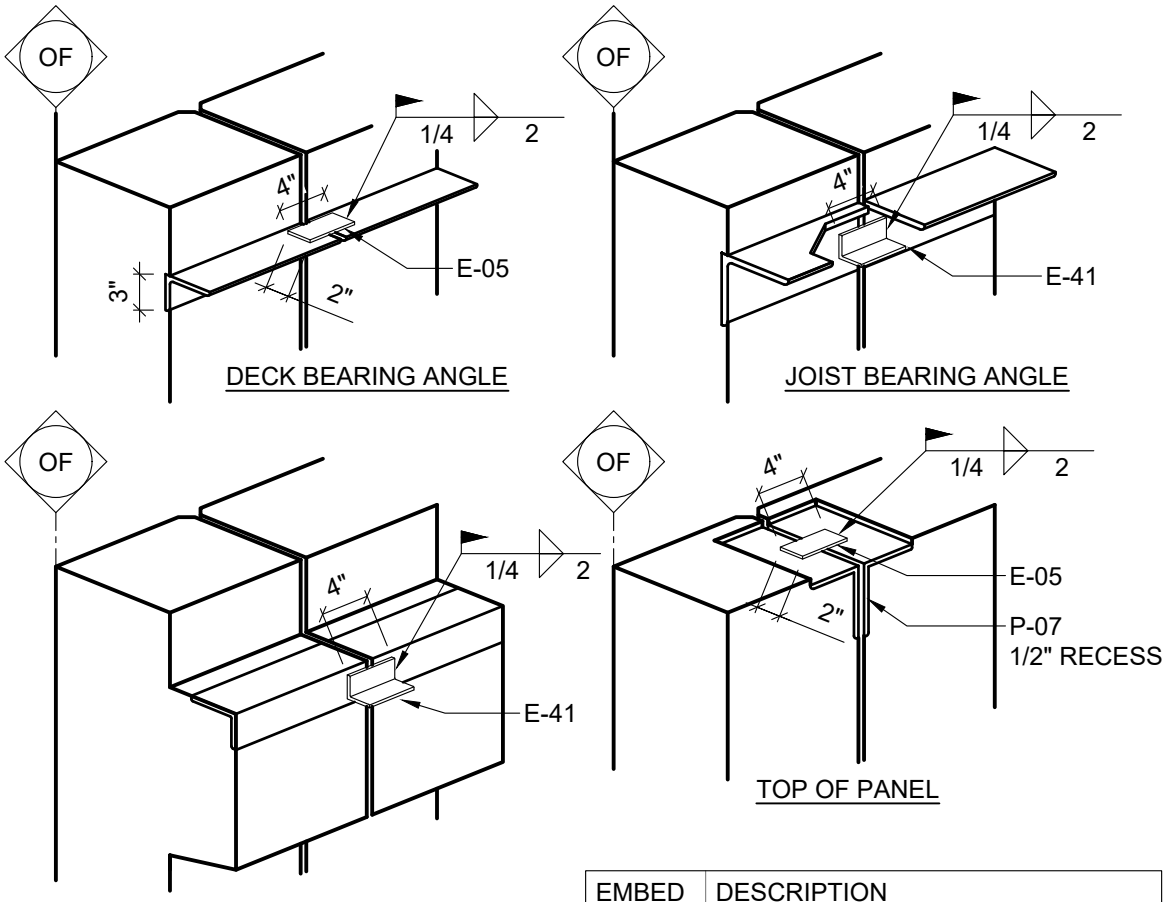
TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D47
ISSUED: 01/09/2017	REVISED: 1 10/28/2019		



EMBED	DESCRIPTION
E-05	PL1/4"x2"x4"
E-41	L2x2x1/4x0'-4"
P-07	L6x4x1/2x0'-8" w/ (2) 1/2"ØX 4" HS & (2) 5/8"Øx 1'-6" DBA

D48

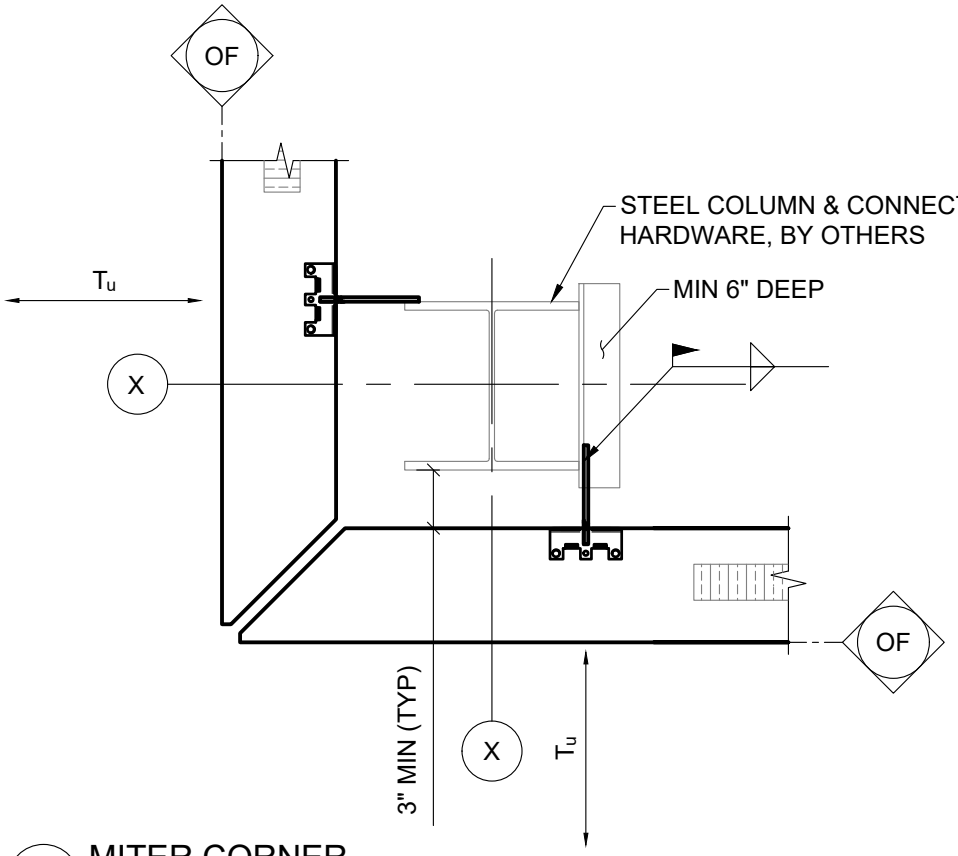
TEMPORARY PANEL ALIGNMENT CONNECTION

SCALE: 3/4" = 1'-0"

ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D48
ISSUED: 01/09/2017	REVISED: 1 03/01/17		

LOADS IMPOSED BY PRECAST
TO BE PROVIDED ON SHOP
DRAWINGS FOR DESIGN AND
COORDINATION BY GC/EOR.

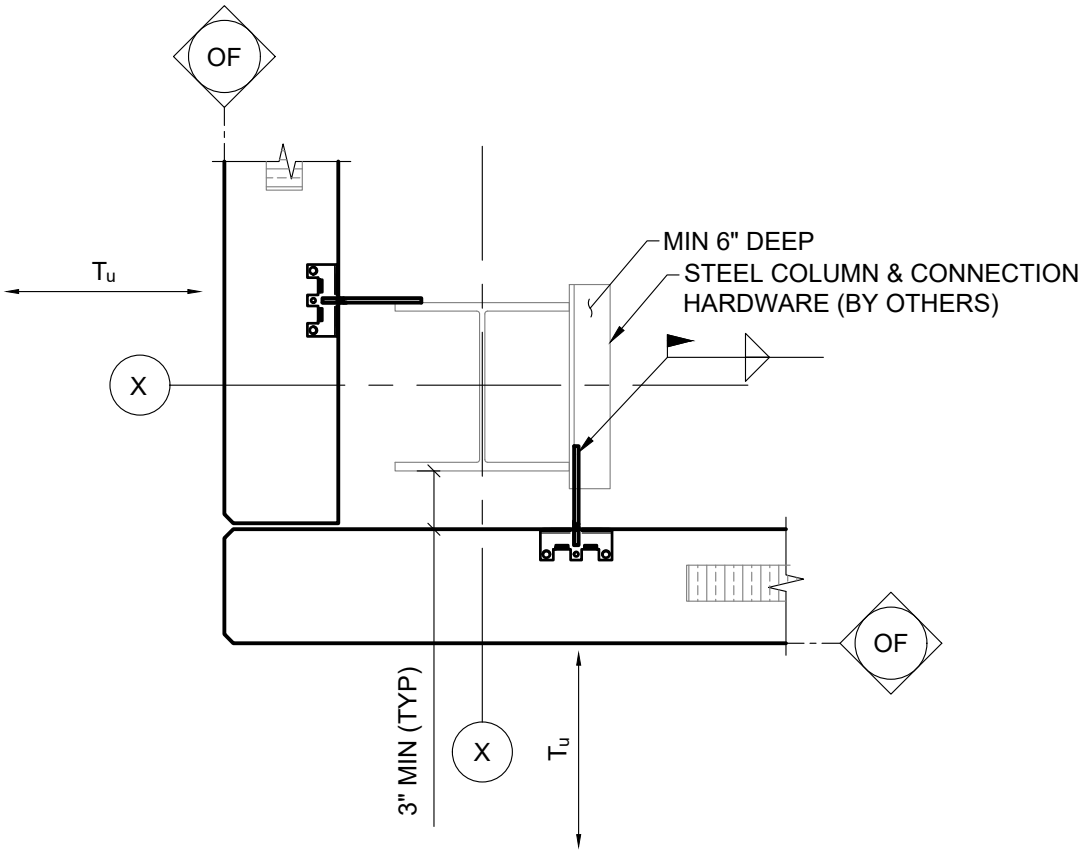


CD50 MITER CORNER

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD50
	ISSUED: 01/16/2018	REVISED: 0	

LOADS IMPOSED BY PRECAST TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

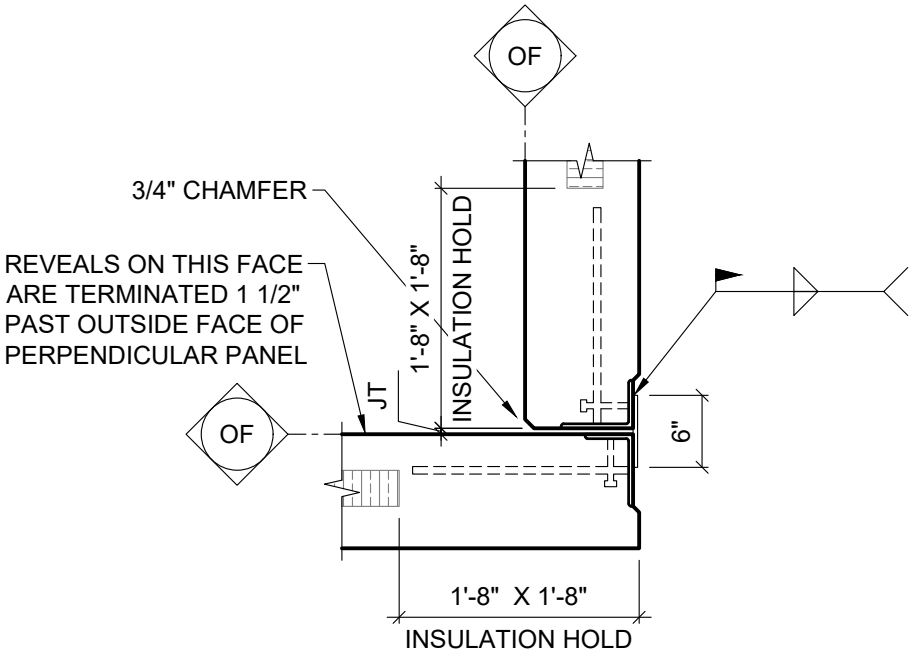


OUTSIDE BUTT CORNER (ARCH FINISH)

CD51A

SCALE: 3/4" = 1'-0"

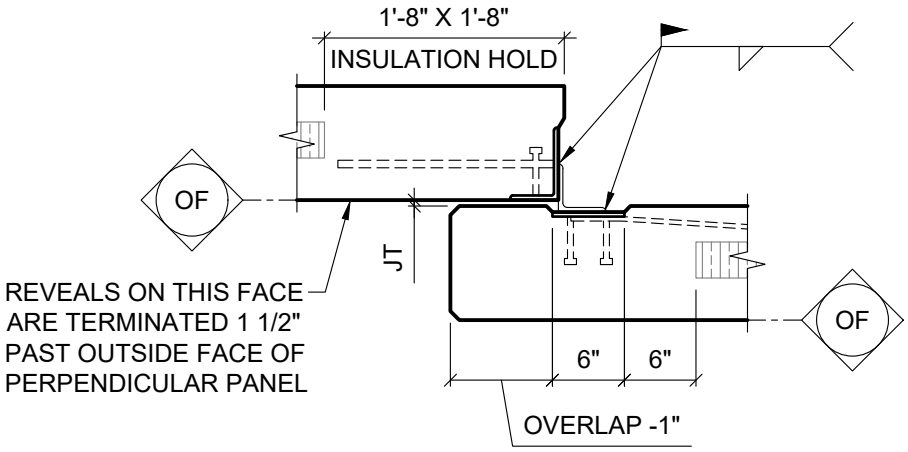
ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS - CLADDING PROJECTS		BY: ATMI
	PROJECT: STANDARDS		CD51A
	ISSUED: 01/16/2019	REVISED: 0	



D52 INSIDE BUTT CORNER

SCALE: 3/4" = 1'-0"

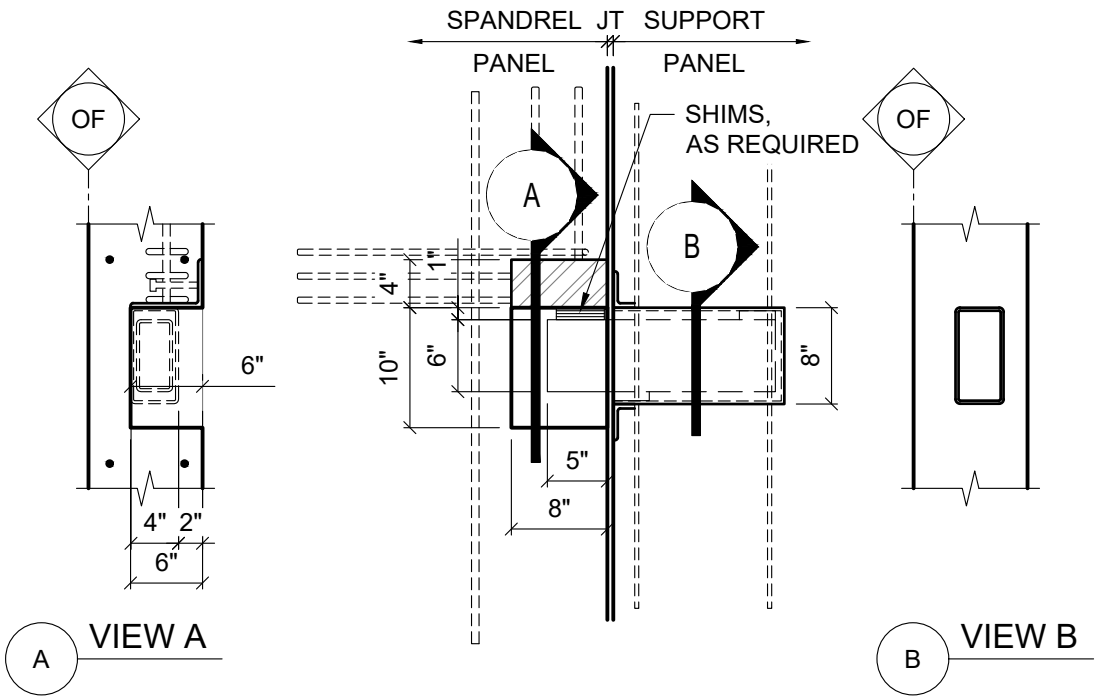
ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D52
	ISSUED: 01/09/2017	REVISED: 0	



D53 OVERLAP CORNER

SCALE: 3/4" = 1'-0"

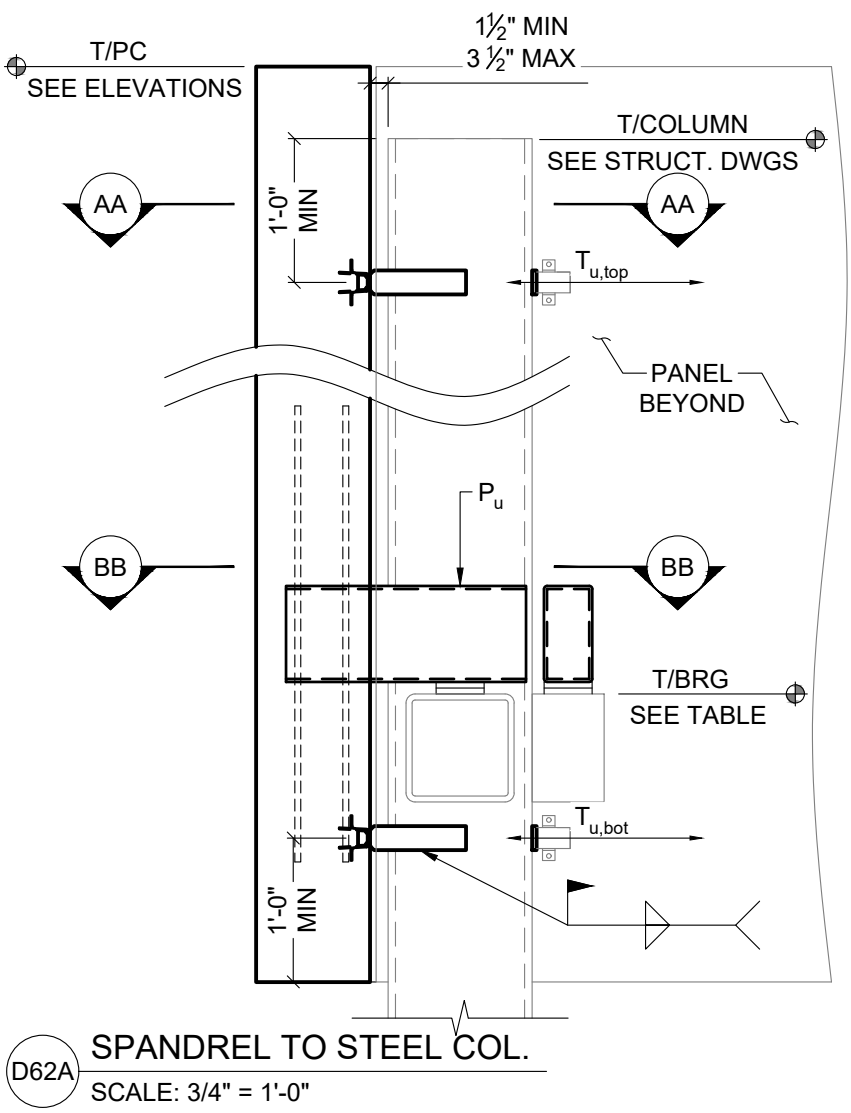
ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D53
	ISSUED: 01/09/2017	REVISED: 0	



D60 SPANDREL SUPPORT

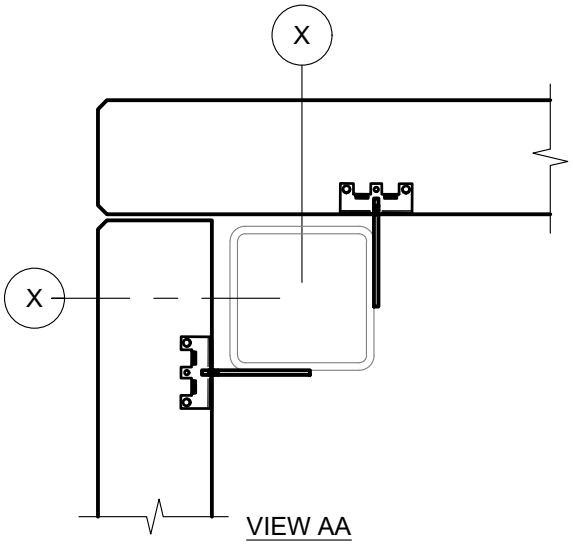
SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D60
	ISSUED: 01/09/2017	REVISED: 1 11/14/17	

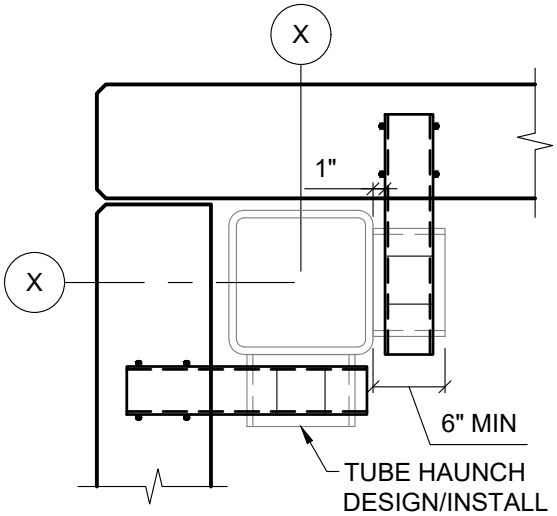


D62A SPANDREL TO STEEL COL.

SCALE: 3/4" = 1'-0"



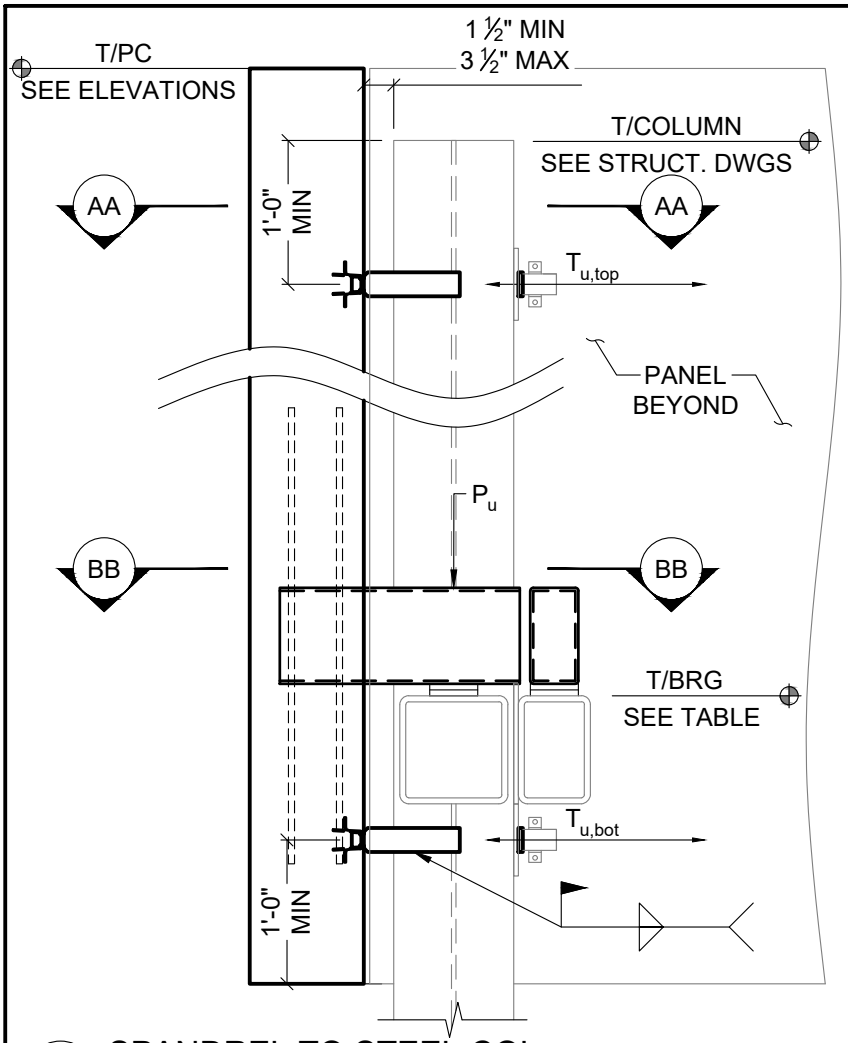
VIEW AA



VIEW BB

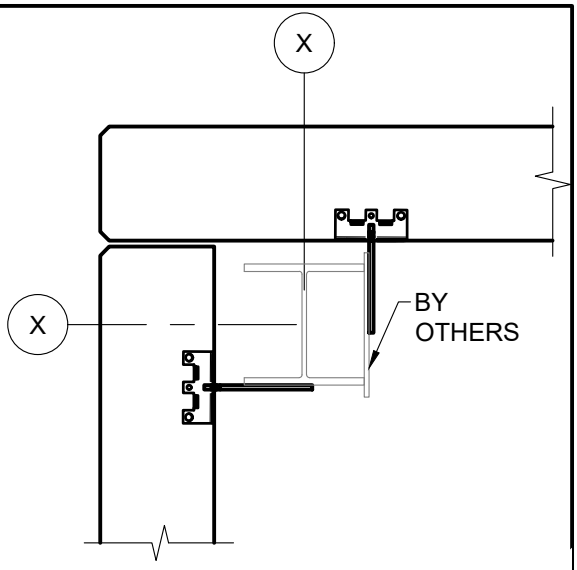
LOADS IMPOSED BY PRECAST TO STRUCTURAL STEEL TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS	BY: ATMI
	PROJECT: STANDARDS	D62A
	ISSUED: 12/11/2018 REVISED: 0	

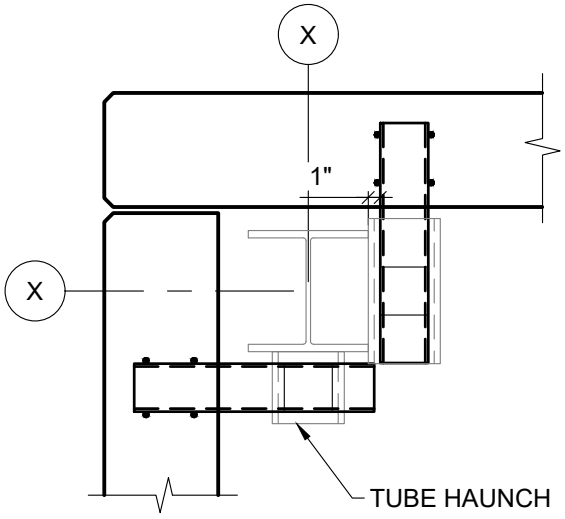


D62C SPANDREL TO STEEL COL.

SCALE: 3/4" = 1'-0"



VIEW AA

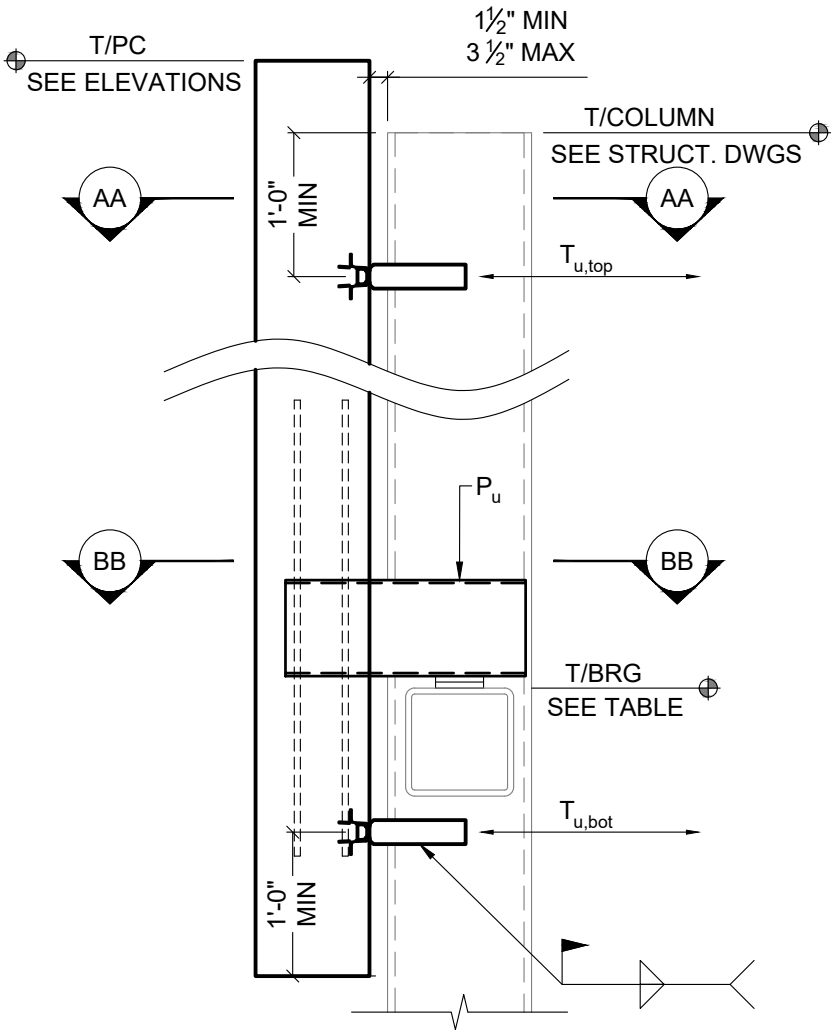


VIEW BB

LOADS IMPOSED BY PRECAST TO STRUCTURAL STEEL TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

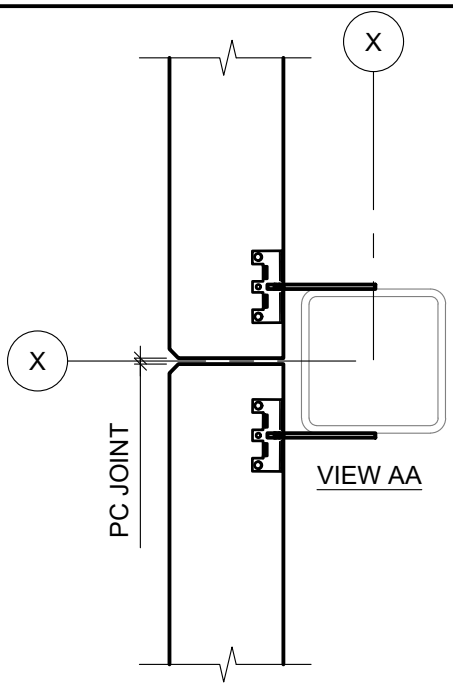
ATMIPrecast
Building Precast Solutions

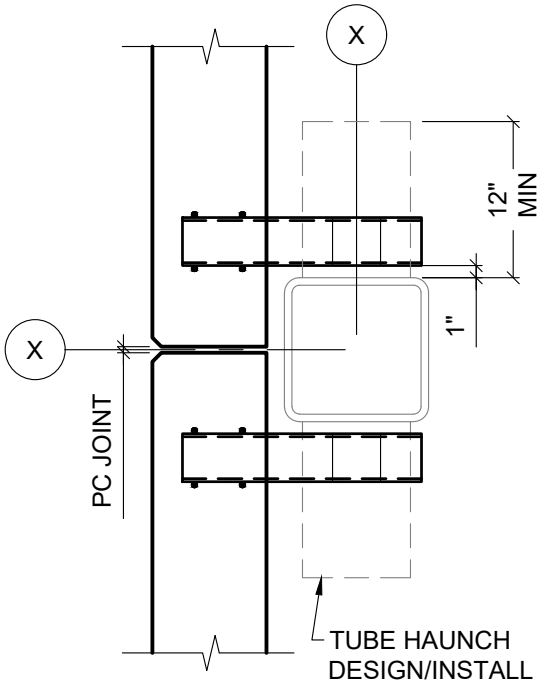
TITLE: SHOP DRAWING DETAILS		BY: ATMI
PROJECT: STANDARDS		D62C
ISSUED: 12/11/2018	REVISED: 0	



D63A SPANDREL TO COL.-JOINT

SCALE: 3/4" = 1'-0"

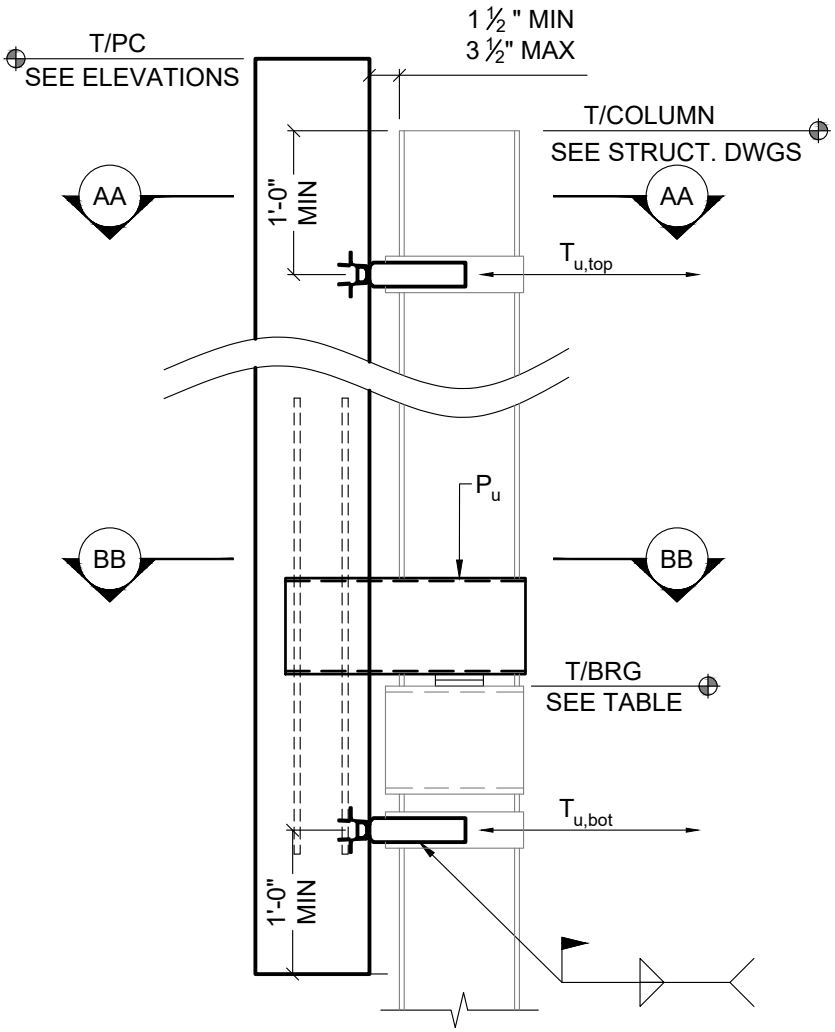




VIEW BB

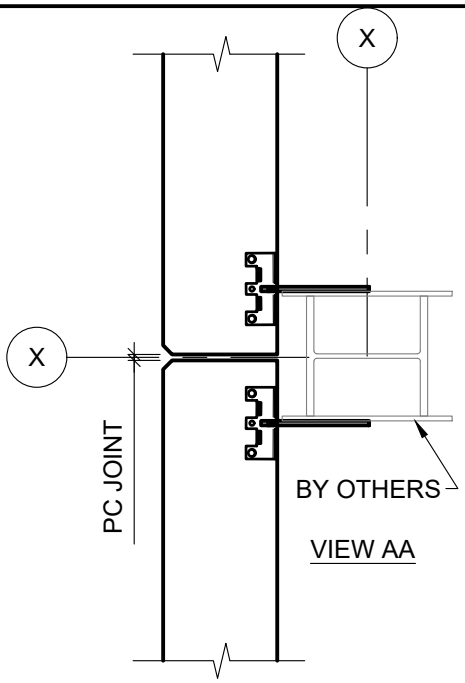
LOADS IMPOSED BY PRECAST TO STRUCTURAL STEEL TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS	BY: ATMI
	PROJECT: STANDARDS	D63A
	ISSUED: 12/11/2018 REVISED: 1 04/29/2019	

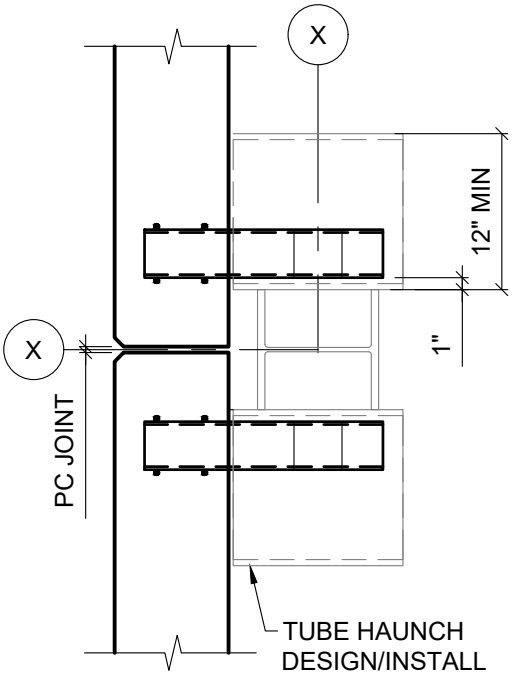


D63C SPANDREL TO COL.-JOINT

SCALE: 3/4" = 1'-0"



VIEW AA

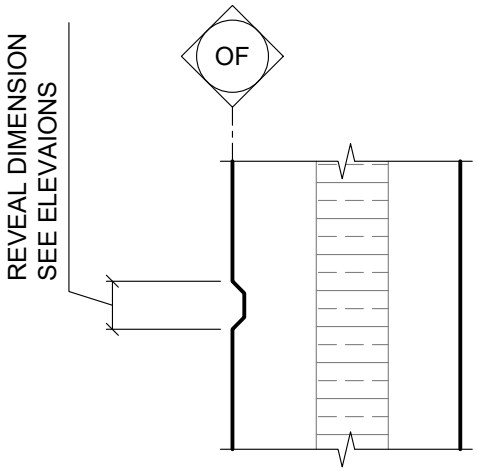


VIEW BB

LOADS IMPOSED BY PRECAST TO STRUCTURAL STEEL TO BE PROVIDED ON SHOP DRAWINGS FOR DESIGN AND COORDINATION BY GC/EOR.

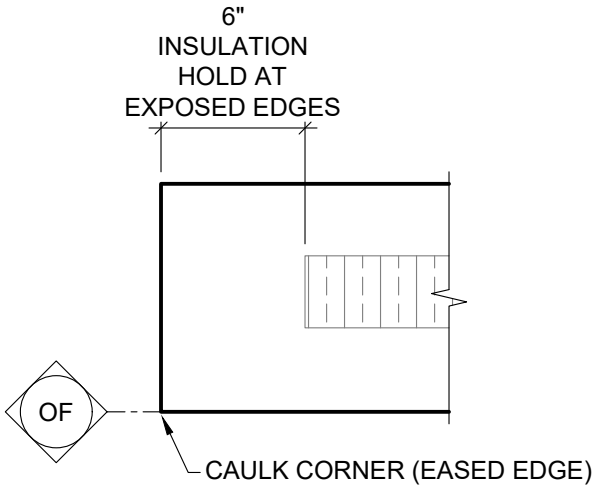
ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D63C
ISSUED: 12/11/2018	REVISED: 1	04/29/2019	



D66 VERTICAL/HORIZONTAL REVEAL

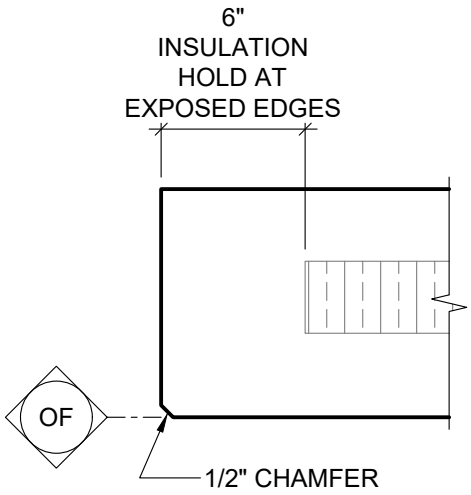
SCALE: 1 1/2" = 1'-0"



D67 CAULK CORNER

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

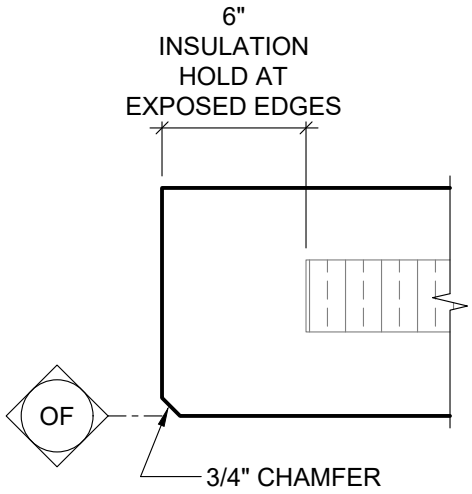
ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D67
	ISSUED: 01/09/2017	REVISED: 0	



D68 1/2" EDGE CHAMFER

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

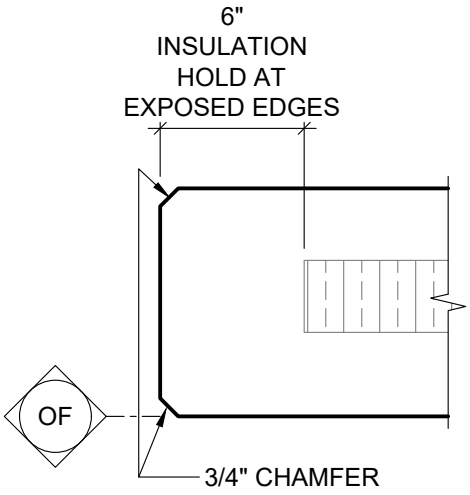
ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D68
	ISSUED: 01/09/2017	REVISED: 0	



D69 3/4" EDGE CHAMFER

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

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D69
	ISSUED: 01/09/2017	REVISED: 0	

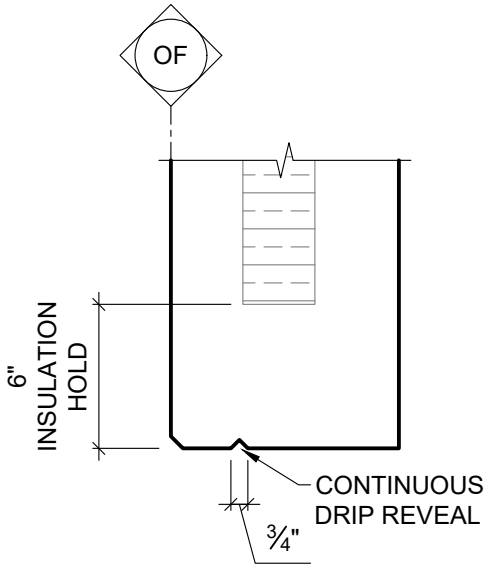


D70 3/4" EDGE CHAMFER ON EACH FACE

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

ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D70
ISSUED: 01/09/2017	REVISED: 0		

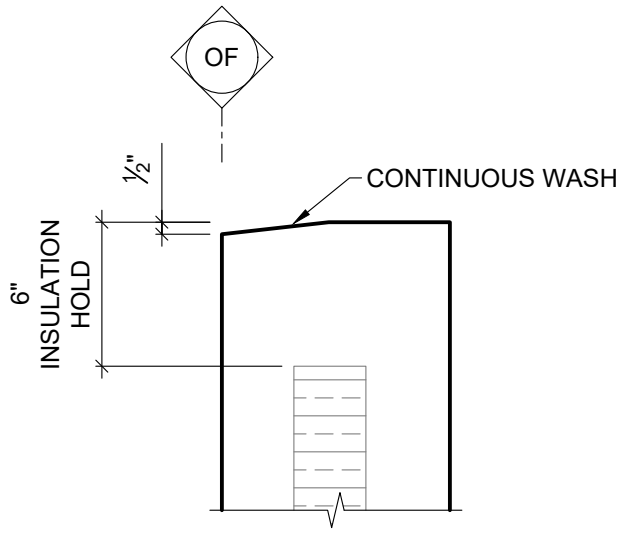


D71 DRIP REVEAL

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

ATMIPrecast
Building Precast Solutions

TITLE: SHOP DRAWING DETAILS			BY: ATMI
PROJECT: STANDARDS			D71
ISSUED: 01/09/2017	REVISED: 0		

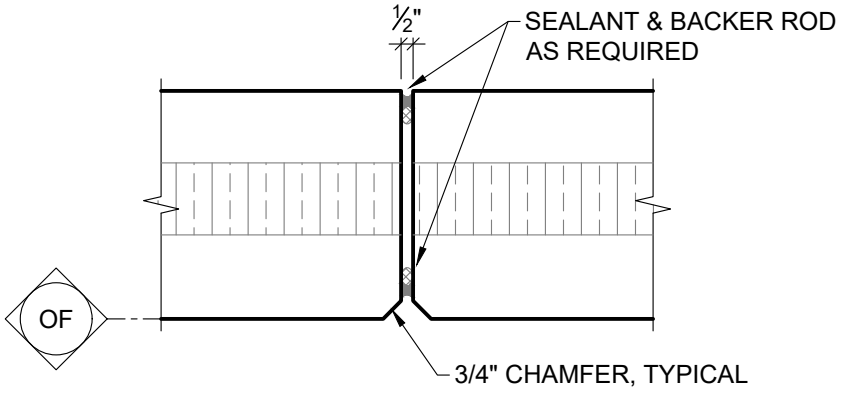


D72 SILL WASH

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

ATMIPrecast
Building Precast Solutions

TITLE:	SHOP DRAWING DETAILS	BY:	ATMI
PROJECT:	STANDARDS		D72
ISSUED:	01/09/2017	REVISED:	0

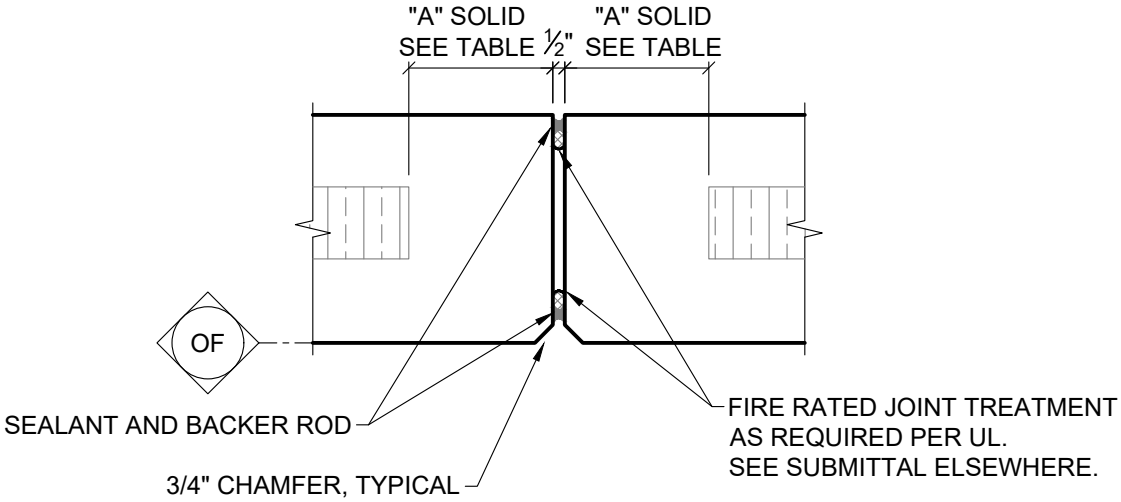


D73 PANEL JOINT

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

ATMIPrecast
Building Precast Solutions

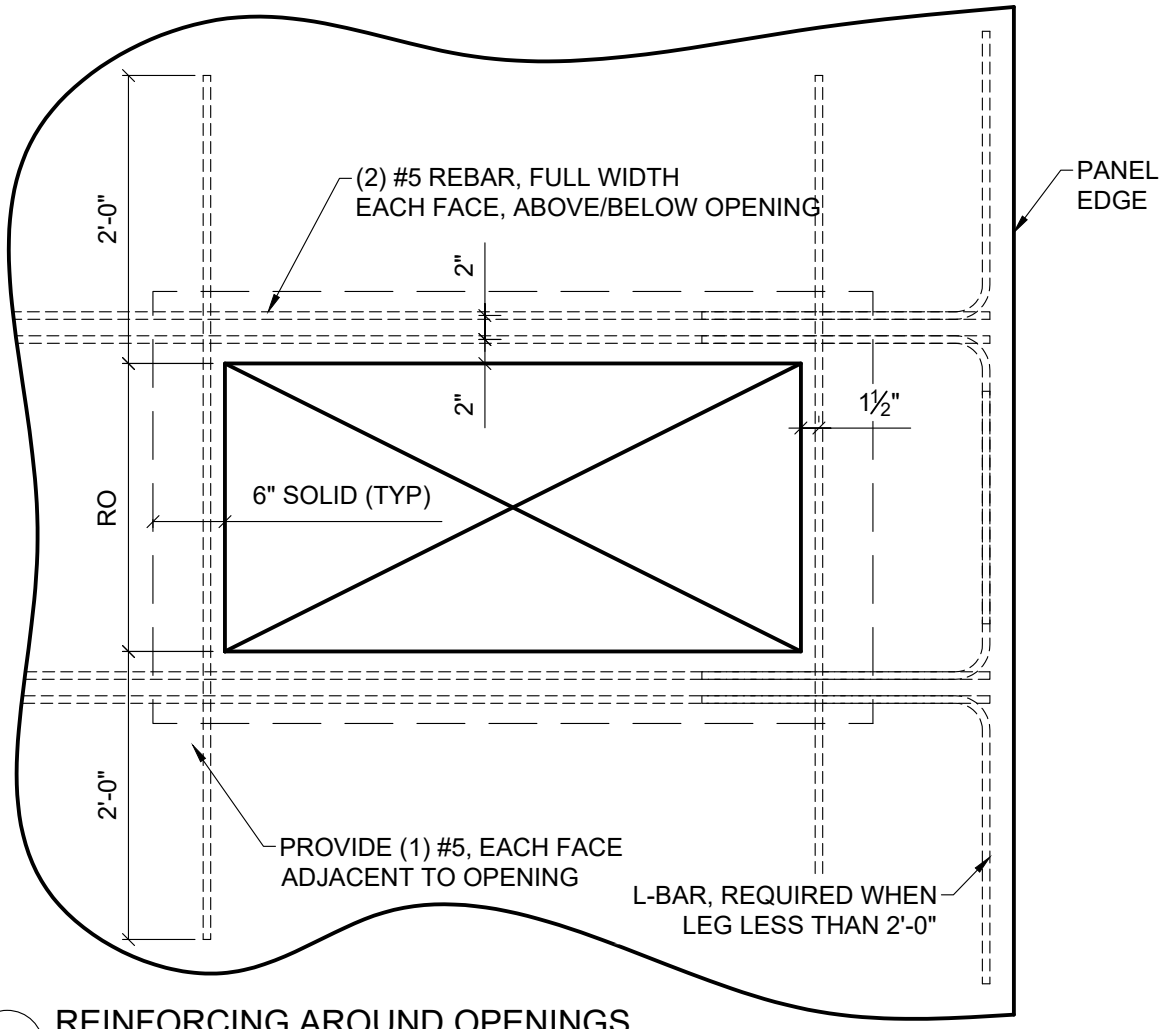
TITLE: SHOP DRAWING DETAILS		BY: ATMI	
PROJECT: STANDARDS		D73	
ISSUED: 01/09/2017	REVISED: 0		



A	FIRE RATING
0"	1 & 2 HOUR
6"	3 HOUR
8"	4 HOUR

D74 FIRE RATED PANEL JOINT

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



D75 REINFORCING AROUND OPENINGS

SCALE: 3/4" = 1'-0"

ATMIPrecast Building Precast Solutions	TITLE: SHOP DRAWING DETAILS		BY: ATMI
	PROJECT: STANDARDS		D75
	ISSUED: 09/06/2018	REVISED: 1 10/17/2018	