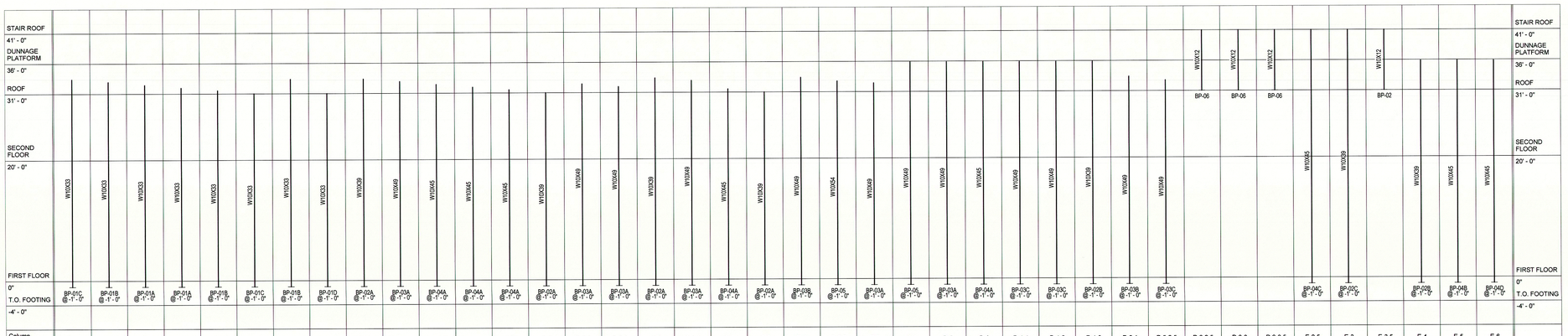
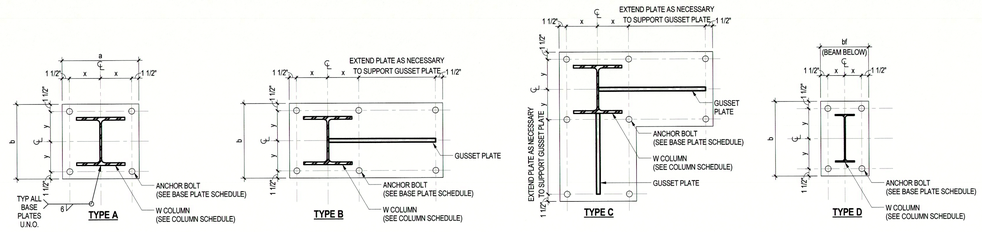


NOTE:
1. BASE PLATE ELEVATIONS INDICATE ELEVATION AT BOTTOM OF BASE PLATE.

STEEL COLUMN BASE PLATE SCHEDULE

MARK	LAYOUT	THICKNESS	a	b	x	y	ANCHOR ROD TYPE	EMBEDMENT	REMARKS
BP-01A	TYPE A	3/4"	16"	16"	6 1/2"	5 1/2"	(4) 1" A.B.	13"	
BP-01B	TYPE B	3/4"	-	14"	6 1/2"	5 1/2"	(6) 3/4" A.B.	13"	
BP-01C	TYPE C	3/4"	-	-	6 1/2"	5 1/2"	(8) 3/4" A.B.	13"	
BP-01D	TYPE B	3/4"	-	14"	6 1/2"	5 1/2"	(6) 3/4" A.B.	13"	
BP-02A	TYPE A	7/8"	16"	14"	6 1/2"	5 1/2"	(4) 3/4" A.B.	13"	
BP-02B	TYPE B	7/8"	-	14"	6 1/2"	5 1/2"	(6) 1" A.B.	13"	
BP-02C	TYPE A	7/8"	16"	14"	6 1/2"	5 1/2"	(4) 1" A.B.	13"	
BP-03A	TYPE A	1"	16"	16"	6 1/2"	6 1/2"	(4) 3/4" A.B.	13"	
BP-03B	TYPE B	1"	--	16"	6 1/2"	6 1/2"	(6) 1" A.B.	13"	
BP-03C	TYPE A	1"	16"	16"	6 1/2"	6 1/2"	(4) 1" A.B.	13"	
BP-04A	TYPE A	1"	16 1/4"	14 1/4"	6 3/8"	5 3/8"	(4) 3/4" A.B.	13"	
BP-04B	TYPE B	1"	-	14 1/4"	6 3/8"	5 3/8"	(6) 1" A.B.	13"	
BP-04C	TYPE A	1"	16 1/4"	14 1/4"	6 3/8"	5 3/8"	(4) 1" A.B.	13"	
BP-04D	TYPE B	1"	-	14 1/4"	6 3/8"	5 3/8"	(6) 1" A.B.	13"	
BP-05	TYPE A	1 1/8"	16 1/4"	16"	6 3/8"	6 1/2"	(4) 3/4" A.B.	13"	
BP-06	TYPE D	1/2"	-	16"	6 1/2"	-	(4) 5/8" DIA. A325 BOLTS	-	



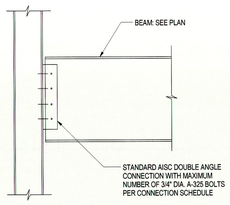
TYPE A TYPE B TYPE C TYPE D

1 S-600-B STEEL BASE PLATE SCHEDULE AND DETAILS
1" = 1'-0"

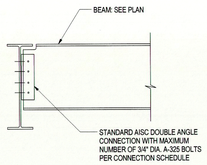
BEAM CONNECTION SCHEDULE

BEAM SIZE	NUMBER OF BOLTS
W8, W10	(2) - 3/4" DIA.
W12, W14	(3) - 3/4" DIA.
W16	(4) - 3/4" DIA.
W18	(5) - 3/4" DIA.
W21	(6) - 3/4" DIA.
W24	(7) - 3/4" DIA.
W27	(8) - 3/4" DIA.
W30	(9) - 3/4" DIA.
W33	(10) - 3/4" DIA.
W36	(11) - 3/4" DIA.

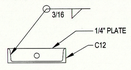
NOTES
1. ALL BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS SHALL BE MADE WITH DOUBLE L3x3x5/16 GEOMETRIC MINIMUM WITH THE OUTSIDE LEGS BOLTED TO BEAM AS SCHEDULED ABOVE, UNLESS CONDITIONS MANDATE OTHERWISE.
2. ALL BOLTS SHALL BE A325-N.



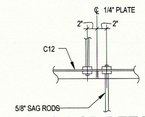
2 S-600-B TYP. BEAM TO COLUMN CONNECTION
3/4" = 1'-0"



3 S-600-B TYP. BEAM TO GIRDER CONNECTION
3/4" = 1'-0"

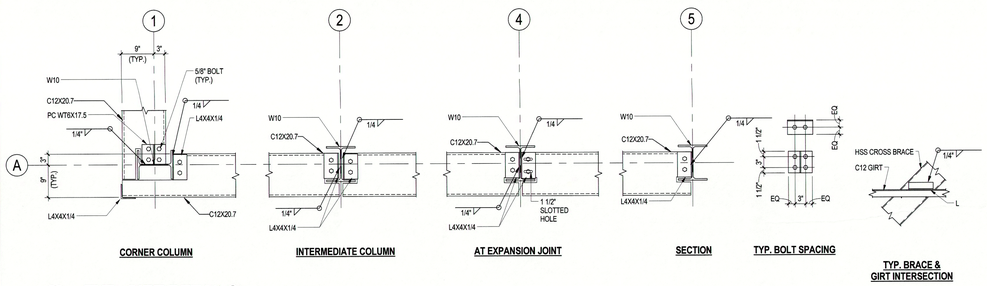


4 S-600-B GIRT SECTION
1" = 1'-0"

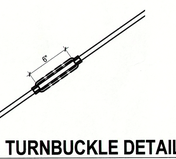


5 S-600-B SAG ROD DETAIL
1" = 1'-0"

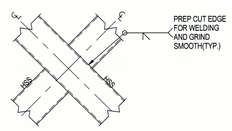
6 S-600-B TYP. CONNECTION SCHEDULE
3/4" = 1'-0"



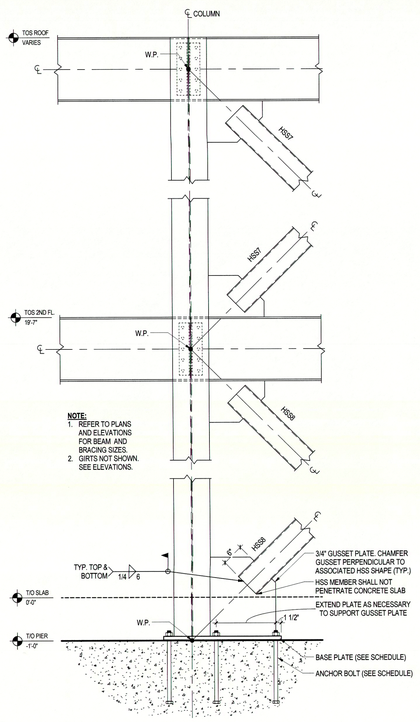
7 S-600-B TYP. GIRT DETAILS
3/4" = 1'-0"



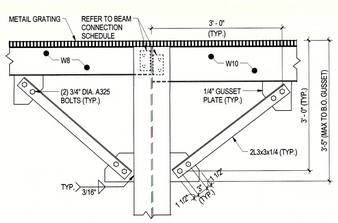
8 S-600-B TYP. TURNBUCKLE DETAIL
1 1/2" = 1'-0"



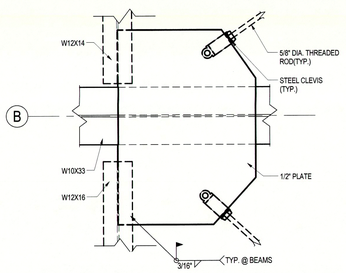
9 S-600-B TYP. BRACE INTERSECTION
1" = 1'-0"



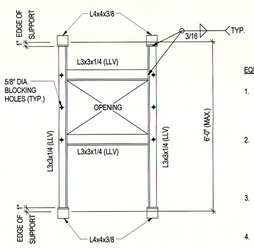
13 S-600-B TYP. BRACING CONNECTIONS
3/4" = 1'-0"



10 S-600-B TYP. KNEE BRACE DETAIL
3/4" = 1'-0"



11 S-600-B TYP. HORIZONATAL BRACING CONNECTION
1 1/2" = 1'-0"



NOTE:
DETAIL SHALL OCCUR AT ROOF HATCHES, VENTS, OR MECHANICAL EQUIPMENT WEIGHING 500 LBS OR LESS.

EQUIPMENT SUPPORT ROOF FRAMING:

1. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ROOF OPENINGS FOR MECHANICAL EQUIPMENT, HVAC UNITS, CURBS, ROOF HATCHES, SKYLIGHTS, AND VENTS.
2. ALL STRUCTURAL CURBS SHALL BEAR DIRECTLY ON AND BE SECURED TO SUPPORTING STEEL OR METAL ROOF DECKING SHALL BE REINFORCED WITH C4x5.4 AT EACH RIB WELDED TO SUPPORTING STEEL.
3. CURBS SHALL HAVE BOTTOM FLANGE PROJECTING BEYOND CURB TO SUPPORT METAL DECK OR CONTRACTOR SHALL FURNISH L3x3x18 GA. ANGLES.
4. TOP OF ROOF CURBS SHALL BE LEVEL. VARY CURB HEIGHT TO MATCH ROOF SLOPE.

12 S-600-B TYP. ROOF OPENING
3/4" = 1'-0"

Stantec

Stantec Consulting Services Inc.
3 Columbia Circle Suite 6
Albany, NY 12203-5158
Tel: (518) 452-4358 / Fax: (518) 452-9234

www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Client
ImmuCell

Lot 11 - Second Tee Business Park
1039 Riverside Street
Portland, Maine 04103

Consultants

Revision	By	Appd	DD.MM.YYYY
0 SUPERSTRUCTURE & SHELL - ISSUED FOR CONSTRUCTION	MRC	SET	08/05/2016

Issued	By	Appd	DD.MM.YYYY
PACKAGE C - INTERIOR FIT-UP			08.19.2016
PACKAGE B - SUPERSTRUCTURE & SHELL			**08.05.2016**
PACKAGE A - FOUNDATIONS & BELOW SLAB			07.22.2016

Permit-Seal

STATE OF MAINE
ERIC HILLIARD
12821
LICENSED
PROFESSIONAL ENGINEER
08/05/2016

Client/Project
IMMUCELL

Lot 11 - Second Tee Business Park
1039 Riverside Street
Portland, Maine 04103

Title
STRUCTURAL SCHEDULES & DETAILS

Project No. 191504176
Scale As indicated
Revision 0
Drawing No. **S-600-B**

ORIGINAL SHEET - ANSI E (34"x44")