



**Butler Manufacturing**  
a division of BlueScope Buildings North America, Inc.

DRAWING INDEX	
DRAWING TITLE	PAGES
COVER SHEET	1
CODES AND LOADS	2
NOTES	3
ANCHOR ROD PLAN	4-5
PRIMARY STRUCTURAL	6-9
SECONDARY STRUCTURAL	10-19
COVERING	
SPECIAL DRAWINGS	
STANDARD ERECTION DETAILS	
PLANOGRAPH DETAILS	

DRAWING RELEASE HISTORY		
TYPE	DATE	DESCRIPTION
PERMIT DRAWINGS	12/25/2018	For Permit Only-For Building Dept. Approval

### GENERAL NOTES

**MATERIALS**

3 PLATE WELDED SECTIONS  
COLD FORMED LIGHT GAGE SHAPES  
BRACE RODS  
HOT ROLLED MILL SHAPES  
HOT ROLLED ANGLES  
HOLLOW STRUCTURAL SECTION (HSS)  
CLADDING

**ASTM DESIGNATION**

A529, A572, A1011, A1018  
A653, A1011  
A572, A510  
A36, A529, A572, A588, A992  
A529, A572, A588, A992  
A500  
A653, A792

GRADE 55  
GRADE 60  
GRADE 50  
GRADE 36 OR 50  
GRADE 50  
GRADE B  
GRADE 50 OR GRADE 80

**HIGH STRENGTH BOLT TIGHTENING REQUIREMENTS**

IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS FOR MORE INFORMATION. SEE ERECTION GUIDE FOR BOLT TIGHTENING INSTRUCTIONS. THE FOLLOWING CRITERIA MAY BE USED TO DETERMINE THE BOLT TIGHTNESS (I.E.-SNUG TIGHT OR PRE-TENSION) UNLESS REQUIRED OTHERWISE BY LOCAL JURISDICTION OR CONTRACT.

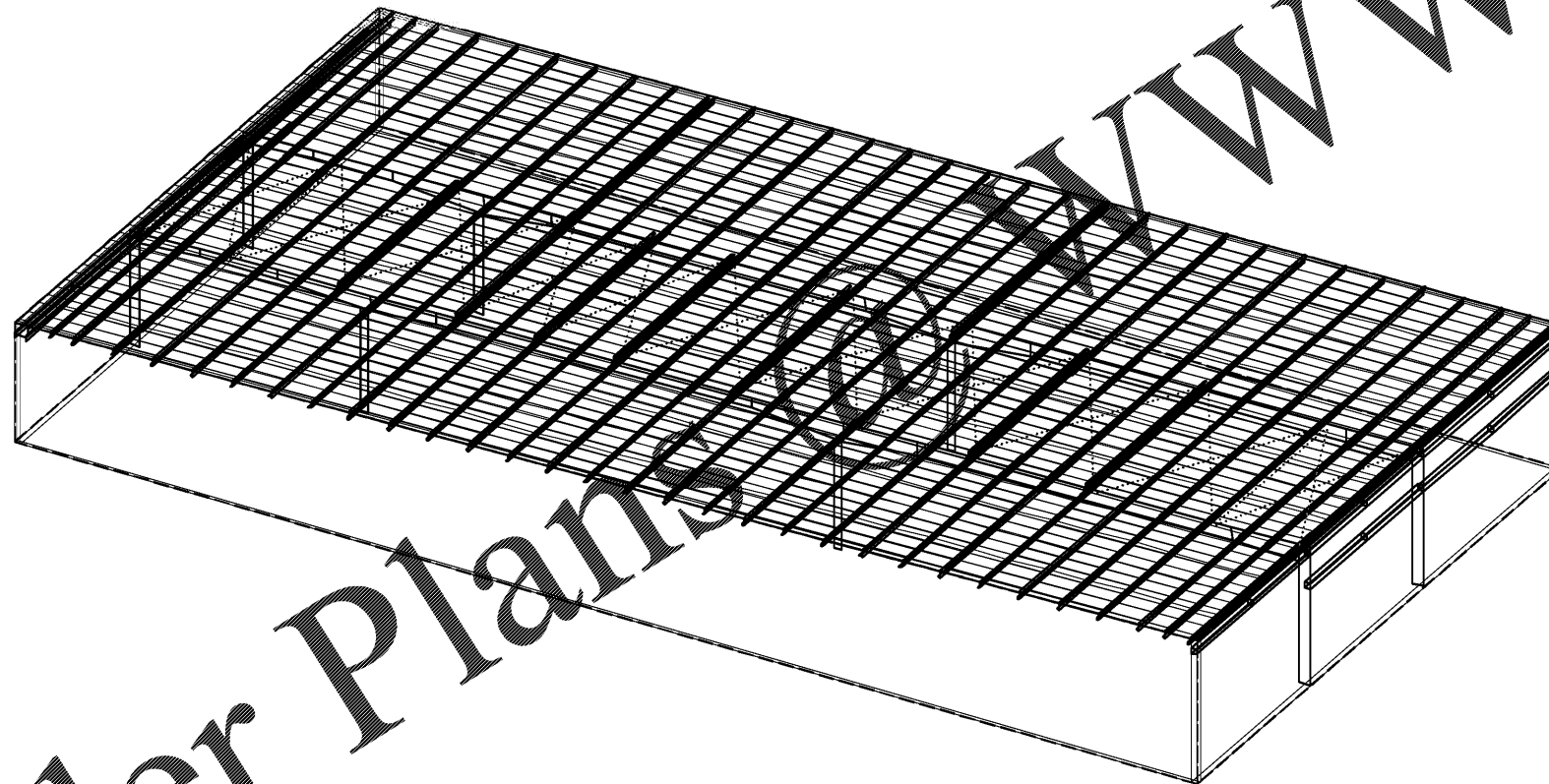
ALL A490 BOLTS SHALL BE "PRE-TENSIONED". A325 BOLTS IN PRIMARY FRAMING AND BRACING CONNECTIONS MAY BE "SNUG-TIGHT" EXCEPT AS FOLLOWS;

- PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS A CRANE GREATER THAN 5 TON CAPACITY.
- PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT, OR STRESS REVERSALS ON CONNECTIONS.
- PRE-TENSION A325 BOLTS IF LOCATED IN HIGH SEISMIC AREAS. FOR IBC BASED CODES; HIGH SEISMIC IS DESIGN CATEGORY D, E OR F. SEE CODES AND LOADS SECTION BELOW FOR DETAILS.
- PRE-TENSION ANY CONNECTION WITH DESIGNATION A325-SC. SLIP CRITICAL (SC) CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY ROUSTED SURFACES ARE ACCEPTABLE.
- IN CANADA, ALL A325 AND A490 BOLTS SHALL BE "PRE-TENSIONED", EXCEPT FOR SECONDARY MEMBERS AND FLANGE BRACES.
- SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHT", UNLESS INDICATED OTHERWISE IN ERECTION DRAWING DETAILS.

**INSPECTION AND TESTING**

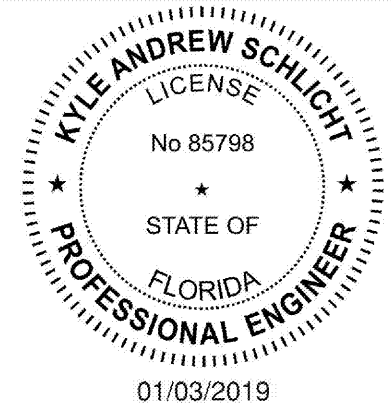
SPECIAL INSPECTIONS AND TESTING REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ) DURING CONSTRUCTION AND/OR STEEL FABRICATION IS THE RESPONSIBILITY OF THE OWNER OR OWNERS AUTHORIZED AGENT. WHEN REQUIRED, THE OWNER SHALL EMPLOY A QUALITY ASSURANCE AGENCY (QAA) APPROVED BY THE AHJ. THE BUILDER IS RESPONSIBLE TO COORDINATE BETWEEN THE QAA FIRM AND BBNA FABRICATION FACILITIES. THE TYPE AND EXTENT OF SPECIAL INSPECTIONS AND NDT WELD TESTING MUST BE SPECIFICALLY STIPULATED IN CONTRACT DOCUMENTS OR BBNA WILL ASSUME SPECIAL INSPECTIONS AND/OR NDT TESTING ARE WAIVED AS PERMITTED BY THE BUILDING CODE BASED ON BBNA FACILITIES IAS AC472 ACCREDITATION.

**NOTE TO GENERAL CONTRACTOR / ERECTOR:**  
If you have any questions regarding this O'Reilly project, including questions about these Erection Drawings, parts shortages or material damage, please contact:  
Your O'Reilly Project Administrator: Tom Mitchell, at (417) 868-4245,  
-or-  
F. Scott Carleton, Project Manager, Butler Manufacturing, at (816) 519-3939, fscarleton@butlermfg.com  
-or-  
Butler Manufacturing's 24/7 O'Reilly Assistance Line at 1-800-407-0345, oreillyhelp@butlermfg.com



Digitally signed by Kyle Schlicht, PE  
DN: E=kyle.schlicht@bsbna.com, CN=Kyle Schlicht, PE, O=BlueScope Steel North America, L=Kansas City, S=Missouri, C=US  
Reason: This document has been electronically signed and sealed by Kyle Schlicht, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signatures must be verified on any electronic copy.  
Date: 2019.01.03.15:05:36-06'00'

Kyle Schlicht, PE



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1540 GENESSEE STREET  
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FLORIDA CERTIFICATE OF AUTHORIZATION  
NUMBER 30427

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**Order Plans**

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**B** BUTLER MANUFACTURING  
1540 GENESSEE ST. KANSAS CITY, MO 64102

COVER SHEET	
BUILDER: O'Reilly Automotive Stores, Inc.	JOB #: 18-047559-01
CUSTOMER: O'Reilly Automotive Stores, Inc.	DATE: 12/25/2018
LOCATION: Panama City, Florida	DRAWN/CHECKED: JS / SW
PROJECT: Panama City, FL (PM1)	PAGE: 1
BUILDER'S PO#: PM1	VPC VERSION: 2018.1b