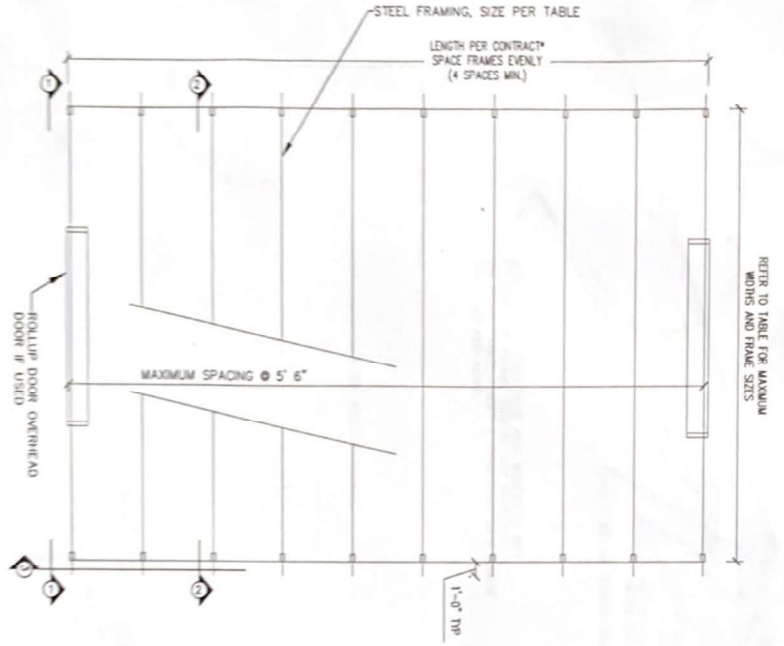


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PLAN VIEW  
 NOT TO SCALE  
 ENCLOSED BUILDING, SIZE PER SPAN CHART  
 FULL SIDE COVERAGE  
 \* MAXIMUM LENGTH IS NOT LIMITED

NOTE:  
 ALL SIZES ARE #44 TUBE  
 STEEL (FY = 58KSI)

MAX HEIGHT	9'	12'	16'
30'-0"	13 GA	11 GA	11 GA
36'-0"	11 GA	9 GA	9 GA
40'-0"	9 GA	9 GA	9 GA
40'-0"	9 GA	9 GA	9 GA
50'-0"	9 GA	9 GA	9 GA

APPROVED  
 Harnett COUNTY  
 NORTH CAROLINA  
 06/29/2021

- TO USE SPAN CHART:
1. SELECT WIDTH OF BUILDING DESIRED.
  2. SELECT HORIZONTAL LINE FROM WIDTH TO CORRECT HEIGHT COLUMN.
  3. FOLLOW HORIZONTAL LINE FROM WIDTH TO CORRECT HEIGHT COLUMN.
  4. SELECT GAGE LISTED.
  5. INTERPOLATION BETWEEN SIZES IS NOT PERMITTED.
  6. THIS TABLE TO BE USED WITH DRAWINGS SH THRU 58 ONLY.
  7. CENTER BRACE REQUIRED IF SIZE IS HATCHED AS SHOWN.
- LOCATION SPECIFIED @ RIGHT OF TABLE.

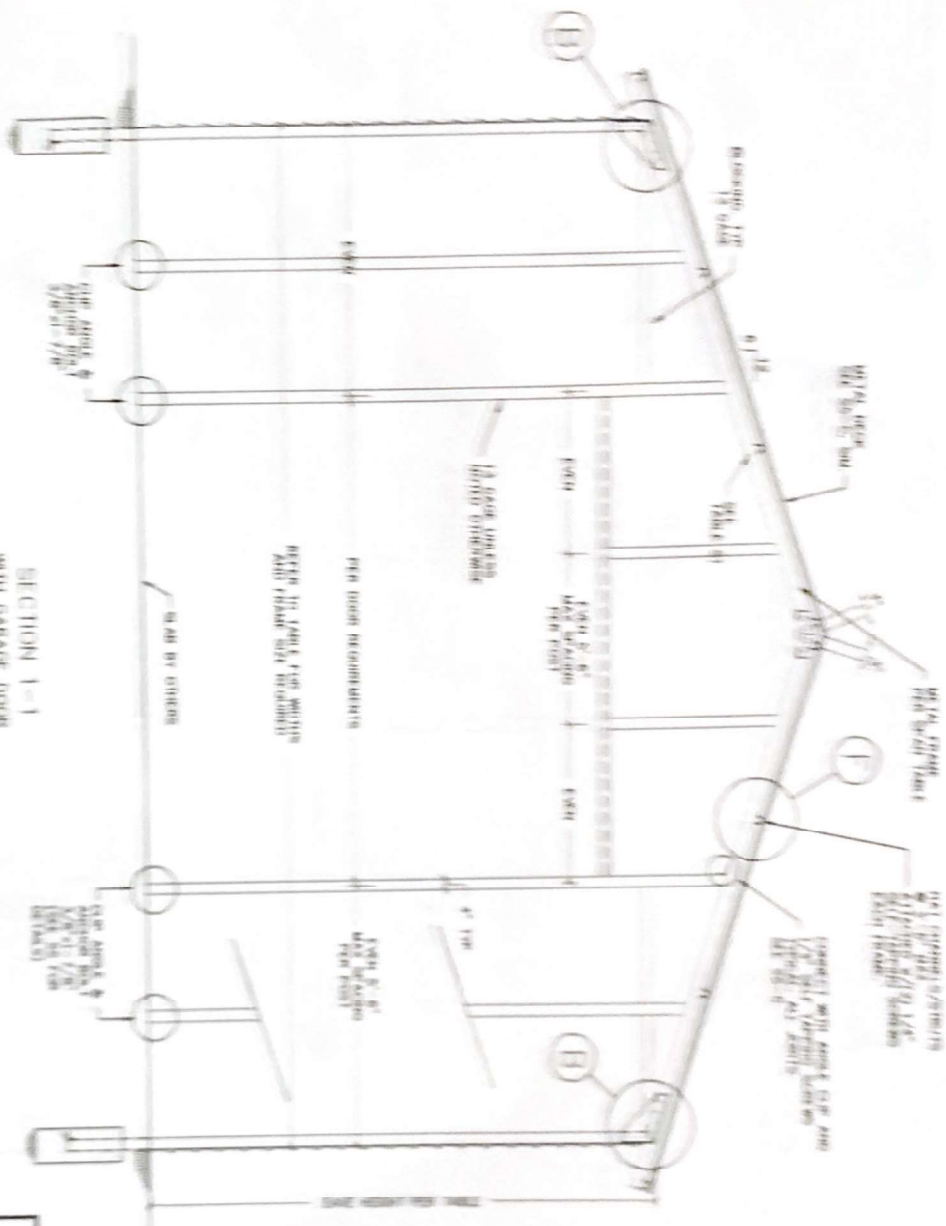


**BARTLETT**  
 ENGINEERING & SURVEYING, PC  
 1906 NASH STREET NORTH  
 WILSON, NORTH CAROLINA 27783  
 TEL (252)399-0704 FAX (252)399-0804  
 DATE: MAY 2012 CAD/PLE: 0748076-A  
 SCALE: NO SCALE DRAWN BY: LR  
 CLIENT: CARSTRU SURVEYED BY:

30'-50' WIDE 6/12 PITCH ENCLOSED BUILDING 130 MPH WIND LOAD	CAROLINA STRUCTURAL, LLC 4241 WILLIAMSON ROAD WILSON, NC 27793
PLAN VIEW	S1



SECTION 1-1 WITH DAMAGE DECK



SECTION 1-1  
WITH DAMAGE DECK  
NOT TO SCALE

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ENGINEERING & SURVEYING, PC

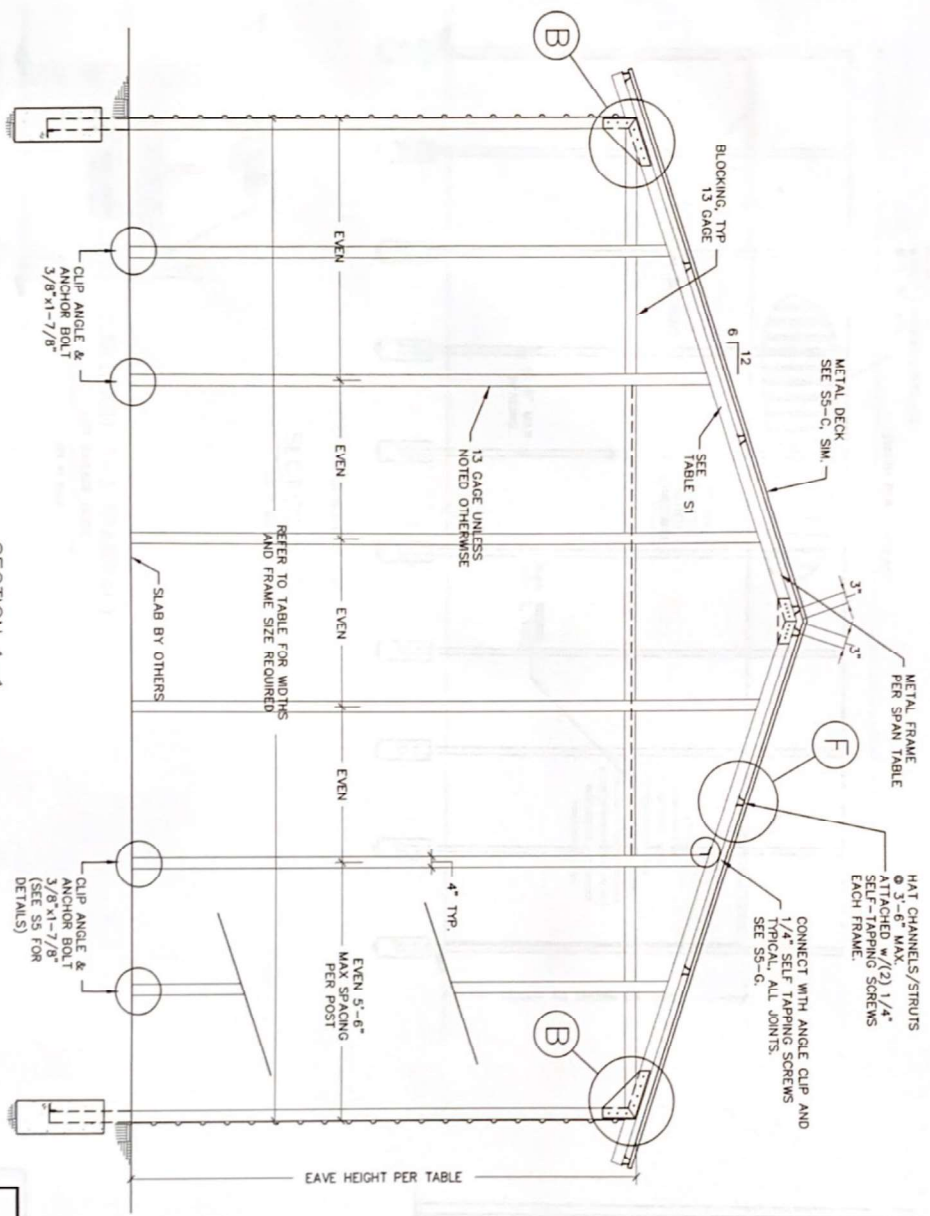
1100 NORTH STATE STREET  
WILSON, NORTH CAROLINA 27803  
TEL (919) 590-0704 FAX (919) 590-0804

DATE: MAY 2013 DRAWN BY: JH  
CHECKED BY: JH  
PROJECT: WILSON



THIS DRAWING APPROVED FOR  
ISSUE FOR CONSTRUCTION  
SEE 00 FOR DETAILS

DESIGN: JH  
CHECKED BY: JH  
DATE: MAY 2013



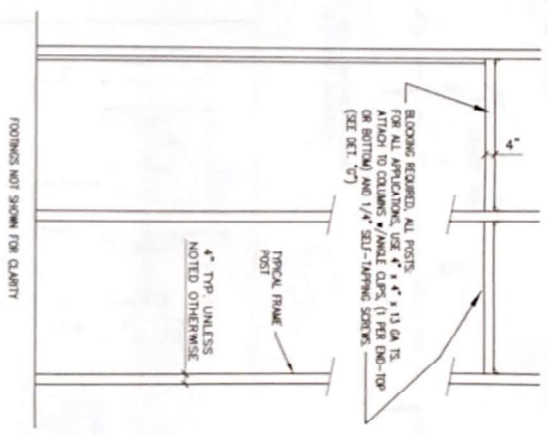
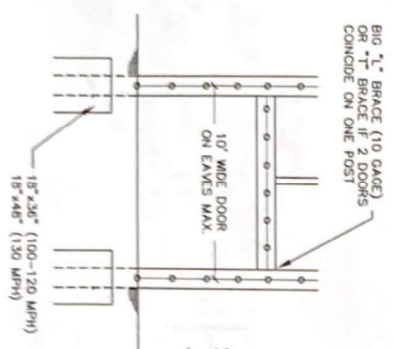
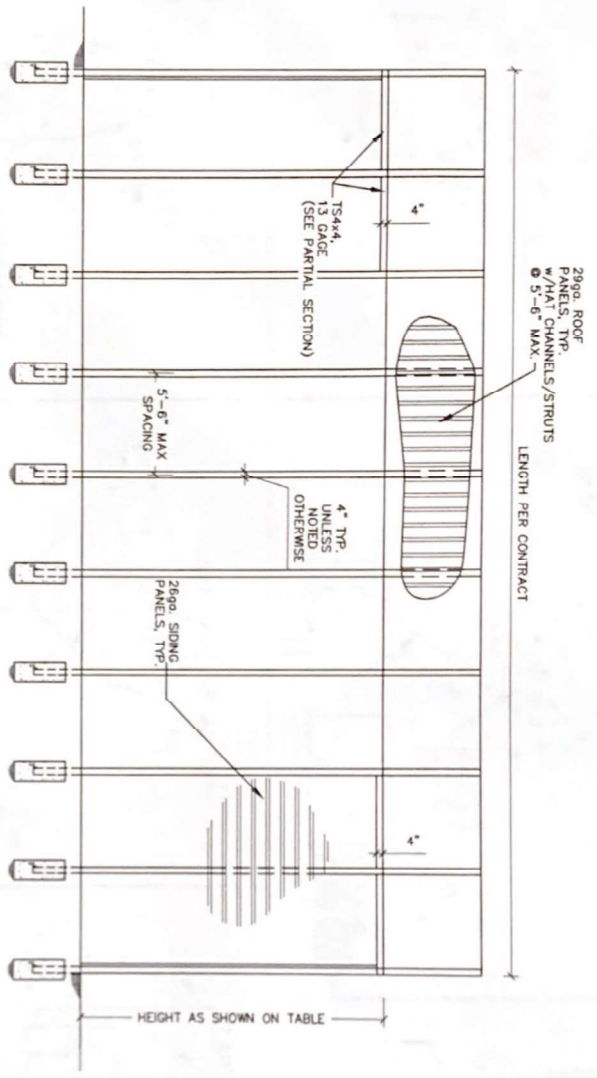
**SECTION 1-1**  
WITHOUT GARAGE DOOR  
NOT TO SCALE

NOTE:  
BLOCKING ATTACHED WITH  
18 GAGE CLIP ANGLE.  
SEE SS FOR DETAILS



<b>BARTLETT</b>	
ENGINEERING & SURVEYING, PC	
1906 NASH STREET NORTH WILSON, NORTH CAROLINA 27893	
DATE: MAY 2012	TEL: (252)399-0704
SCALE: NO SCALE	FAX: (252)399-0804
CLIENT: CARSTRU	CADFILE: 07438076-C1
	DRAWN BY: LR
	SURVEYED BY:

P:\CADD\LANDPROJECTS\CARSTRU\07438016.dwg 130 6-12\07438016-0.dwg 5/7/2012 1:55:09 PM E01



**BARTLETT**  
ENGINEERING & SURVEYING, PC

1906 NASH STREET NORTH  
WILSON, NORTH CAROLINA 27693  
TEL (252)399-0704 FAX (252)399-0804

DATE: MAY 2012 CAPTITLE: 07438016-D  
SCALE: NO SCALE DRAWN BY: LR  
CLIENT: CARSTRU SURVEYED BY:

30'-50" WIDE 6/12 PITCH ENCLOSURE BUILDING 130 MPH WIND LOAD

4241 WILLIAMSON ROAD WILSON, NC 27693

SECTION 3

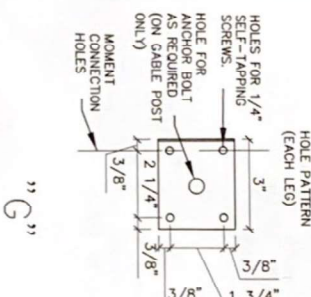
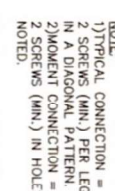
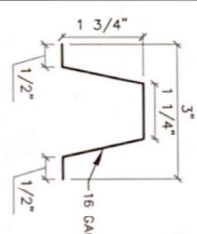
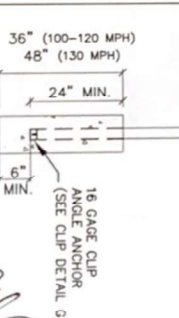
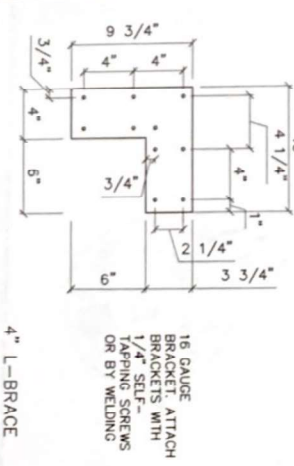
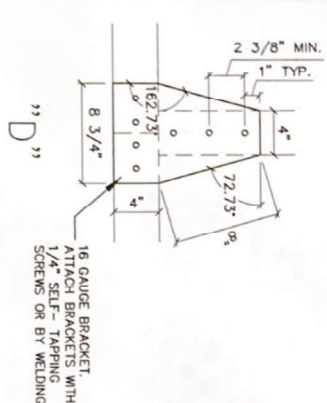
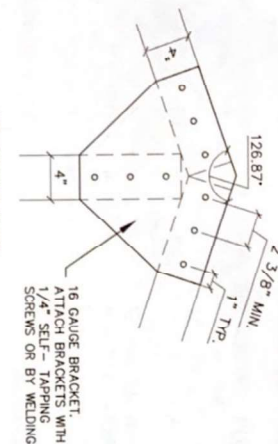
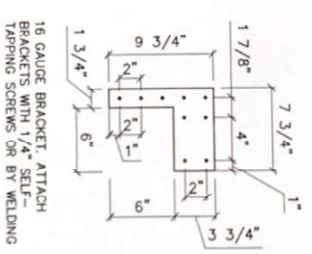
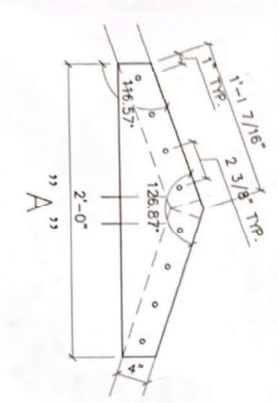
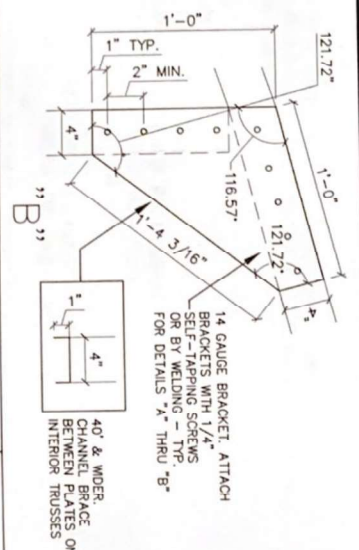
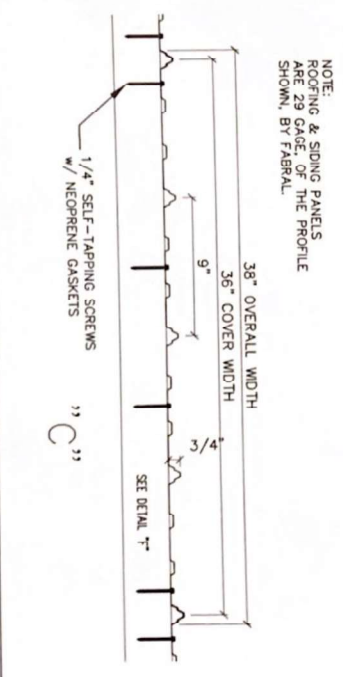
S4

CAROLINA STRUCTURAL, LLC  
4241 WILLIAMSON ROAD  
WILSON, NC 27893

30"-50" WIDE  
6/12 PITCH  
ENCLOSED BUILDING  
130 MPH WIND LOAD

DETAILS

SS



**BARTLETT**  
ENGINEERING & SURVEYING, PC

1906 NASH STREET NORTH  
WILSON, NORTH CAROLINA 27893  
TEL: (252) 599-0704 FAX: (252) 599-0804  
CADFILE: 07438016-E

DATE: MAY 2012  
SCALE: NOT TO SCALE  
CLIENT: CARSTRU

DRAWN BY: LR  
SURVEYED BY:



- NOTES:
- DESIGN SPECIFICATION: NORTH CAROLINA STATE BUILDING CODE (LATEST EDITION) AND INTERNATIONAL BUILDING CODE (LATEST EDITION) WITH NORTH CAROLINA AMENDMENTS.

ROOF LIVE LOAD: 20 PSF  
 SNOW LOAD : 20 PSF  
 WIND VELOCITY: 130 MPH  
 FRAME SIZING DETERMINED BY MEMBER STRESS.  
 L+DL DEFLECTION LIMITED TO L/120.  
 ROOF LL DEFLECTION L/150  
 WALL LL DEFLECTION L/90

- WHERE A DETAIL IS SHOWN ON STRUCTURAL DRAWINGS FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR OR LIKE CONDITIONS, UNLESS NOTED OR SHOWN OTHERWISE.
- IF CONTRACTOR FINDS A DIFFERENCE BETWEEN THESE DRAWINGS AND EXISTING ELEVATIONS, OR OTHER CONDITIONS WHICH PROHIBIT EXECUTION OF THE WORK AS DIRECTED ON THESE DRAWINGS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
- ALL ITEMS SHALL BE TIGHTLY ANCHORED OR ATTACHED SQUARE, PLUMB AND TRUE, OR IN OTHER PLANES OR SHAPES AS SHOWN ON THE DRAWINGS. JOINTS SHALL BE TIGHT, EVEN, AND FREE OF OFFSETS. NO FIELD ALTERING OF ANY MEMBERS WILL BE ALLOWED THAT WILL CAUSE THEM NOT TO BE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER.
- GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ADEQUATE SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR DAMAGE TO THE STRUCTURE DURING CONSTRUCTION PROCEDURES ASSOCIATED WITH THIS PROJECT.
- CONCRETE: CONCRETE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI.
- CONCRETE WORK SHALL COMPLY WITH ACI "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301) AND APPLICABLE PROVISIONS OF ACI 318.
- ALL FOOTER FOUNDATIONS SHALL BE PLACED ON COMPETENT SOIL.
- DRILL AUGER PILING HOLES IN UNDISTURBED EARTH.
- ALL GALVANIZING SHALL BE PERFORMED AFTER FABRICATION, AND IN ACCORDANCE WITH ASTM A123 AND/OR A153.
- THE MINIMUM YIELD STRENGTH OF THE STEEL USED IN THE LIGHT GAUGE METAL FRAMES SHALL BE 55,000 PSI, FOR RAW OR GALVANIZED TUBES.
- THE MINIMUM YIELD STRENGTH OF THE STEEL USED FOR THE LIGHT GAUGE METAL DECK SHALL BE 80,000 PSI. DECKING PANELS SHALL COVER THREE SPANS, MINIMUM.
- THE LIGHT GAUGE METAL FRAMES AND DECK SHALL BE OF THE GAUGE INDICATED ON THE PLAN/DETAILS.
- ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1.
- ALL WELDS SHALL BE COATED WITH GALVANIZE PRIMER & PAINT AFTER WELDING.



**BARTLETT**  
 ENGINEERING & SURVEYING, PC

1906 NASH STREET NORTH  
 WILSON, NORTH CAROLINA 27893  
 TEL (252)399-0704 FAX (252)399-0804

DATE: JULY 2009  
 SCALE: NO SCALE  
 CLIENT: CARSTRU

DRAWN BY: LR  
 SURVEYED BY:

30'-50' WIDE 6/12 PTCH ENCLOSED BUILDING 130 MPH WIND LOAD	SPECIFICATIONS	S6
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