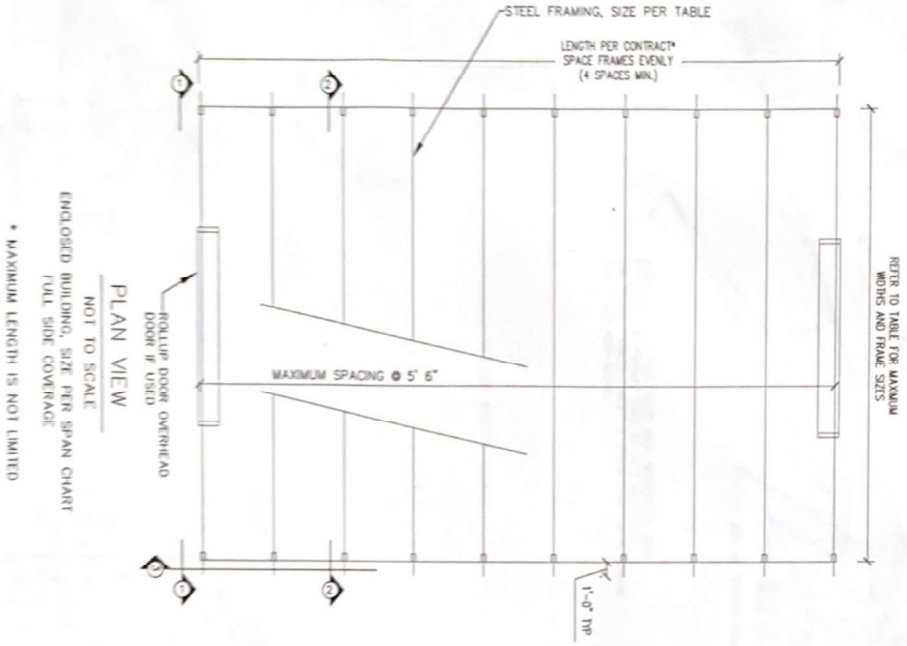


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PLAN VIEW
 NOT TO SCALE
 ENCLOSED BUILDING, SIZE PER SPAN CHART
 FULL SIDE COVERAGE
 * MAXIMUM LENGTH IS NOT LIMITED

REFER TO TABLE FOR MAXIMUM WIDTHS AND BRACE SIZES

NOTE:
 ALL SITES ARE #44 TUBE
 STEEL (FY = 59KSI)

MAX HEIGHT	9'	12'	16'
30'-0"	1 1/2 GA	1 1/2 GA	1 1/2 GA
35'-0"	1 1/2 GA	1 1/2 GA	1 1/2 GA
40'-0"	1 1/2 GA	1 1/2 GA	1 1/2 GA
45'-0"	1 1/2 GA	1 1/2 GA	1 1/2 GA
50'-0"	1 1/2 GA	1 1/2 GA	1 1/2 GA

BRACE LOCATED @ 1'-6" BELOW RIDGE
 BRACE LOCATED @ 1'-6" BELOW RIDGE
 BRACE LOCATED @ 3'-6" BELOW RIDGE
 BRACE LOCATED @ 6'-6" BELOW RIDGE
 (WITH CENTER VERTICAL)

- 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 S1 THRU S6 ONLY.
 7. CENTER BRACE REQUIRED IF SIZE IS HATCHED AS SHOWN.
- LOCATION SPECIFIED @ RIGHT OF TABLE.



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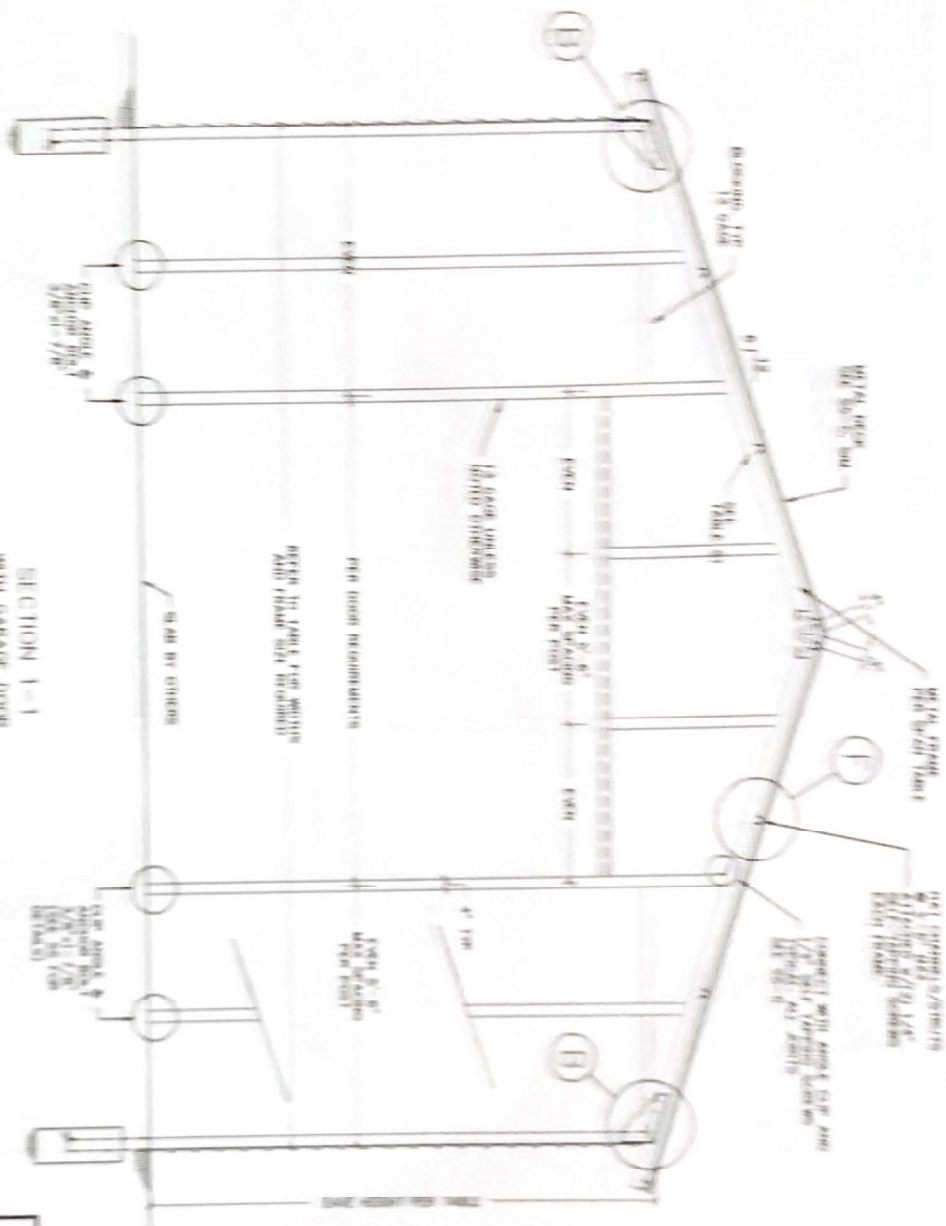
1906 NASH STREET NORTH
 WILSON, NORTH CAROLINA 27783
 TEL (252)399-0704 FAX (252)399-0804

DATE: MAY 2012
 SCALE: NO SCALE
 CLIENT: CONSTRU

DRAWN BY: LR
 SURVEYED BY:

S1	PLAN VIEW	30'-50' WIDE 6/12 PITCH ENCLOSED BUILDING 130 MPH WIND LOAD	CAROLINA STRUCTURAL, LLC 4241 WILLIAMSON ROAD WILSON, NC 27783
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SECTION 1-1 WITH GARAGE DOOR



SECTION 1-1
WITH GARAGE DOOR
NOT TO SCALE

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1100 NORTH STATE STREET
WILSON, NORTH CAROLINA 27603
TEL (919) 590-0704 FAX (919) 590-0904

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



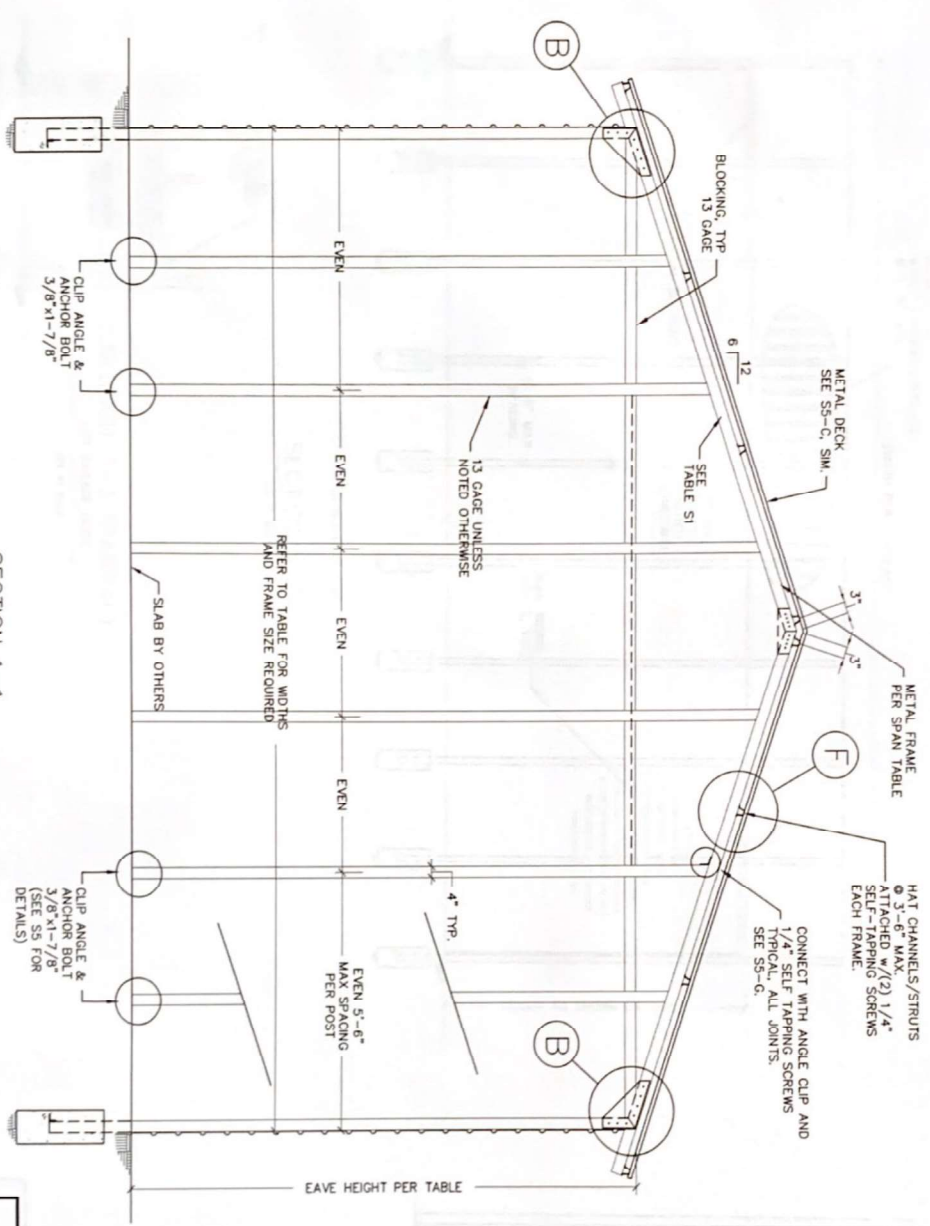
THIS DRAWING APPROVED FOR
ISSUE FOR CONSTRUCTION
SEE 00 FOR DETAILS

SECTION 1

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

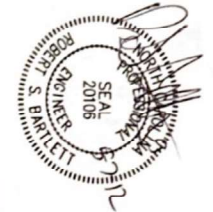
SECTION 1
30'-50" WIDE 6/12 PITCH
ENCLOSED BUILDING
120 MPH WIND LOAD

CHORDA STRUCTURAL, LLC
4241 WILLIAMSON ROAD
WILSON, NC 27693



SECTION 1-1
WITHOUT GARAGE DOOR
NOT TO SCALE

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

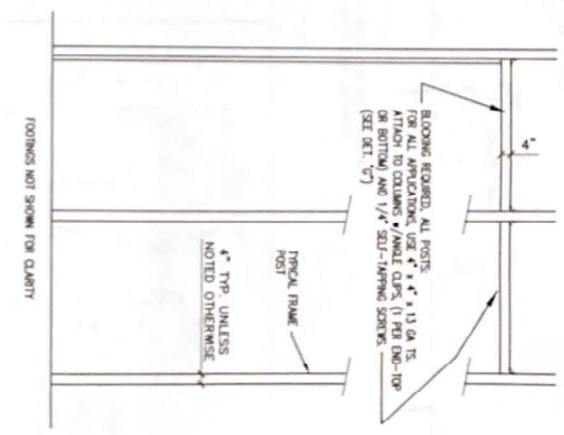
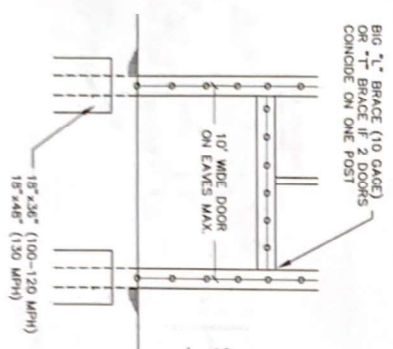
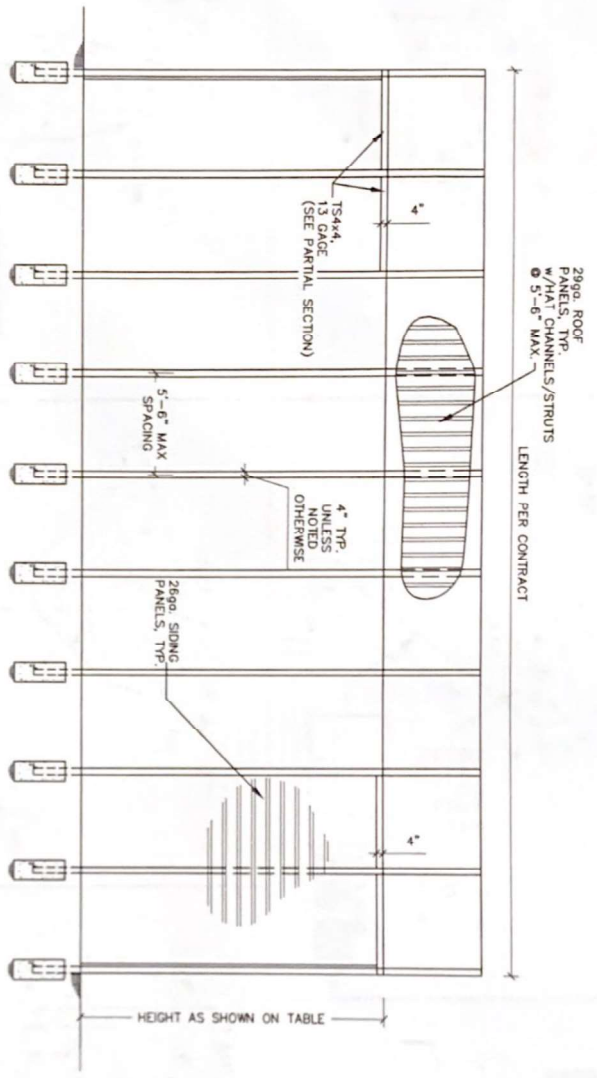


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1906 NASH STREET NORTH
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TEL (252)399-0704 FAX (252)399-0804
DATE: MAY 2012 CADFILE: 07438076-C1
SCALE: NO SCALE DRAWN BY: LR
CLIENT: CARSTRU SURVEYED BY:

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SECTION 1	30'-50' WIDE 6/12 PITCH ENCLOSED BUILDING 130 MPH WIND LOAD	CAROLINA STRUCTURAL, LLC 4241 WILLIAMSON ROAD WILSON, NC 27893
S3-1		

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 1906 NASH STREET NORTH
 WILSON, NORTH CAROLINA 27693
 TEL (252)399-0704 FAX (252)399-0804
 DATE: MAY 2012 CADFILE: 07438016-D
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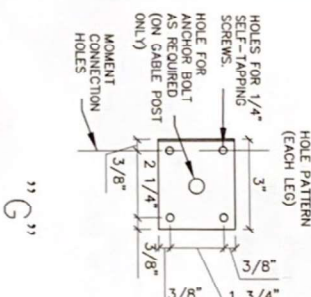
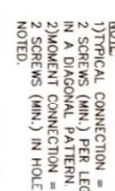
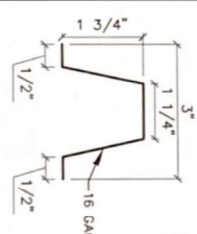
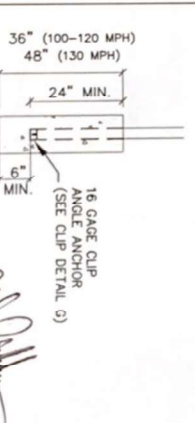
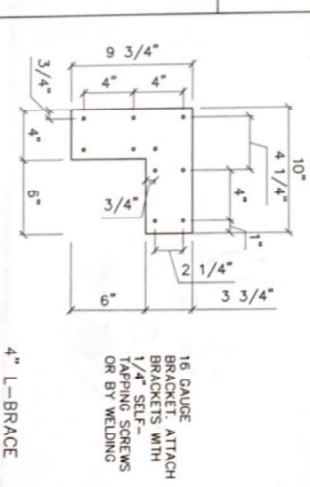
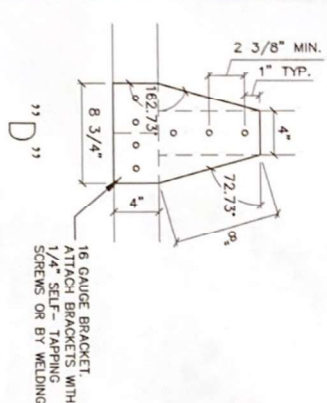
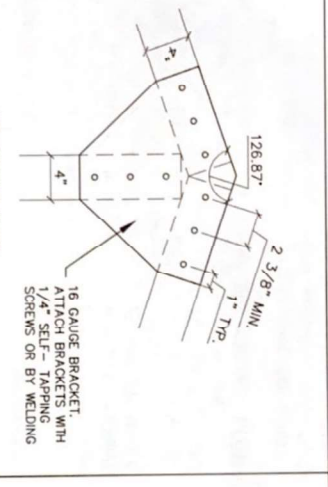
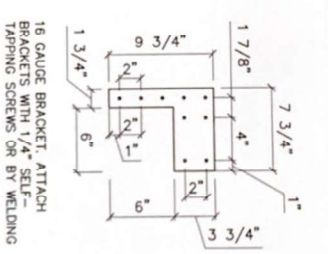
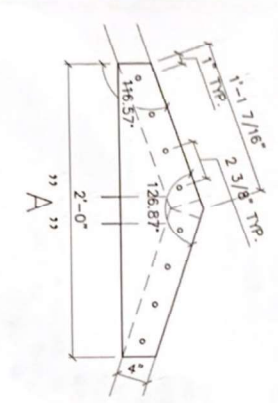
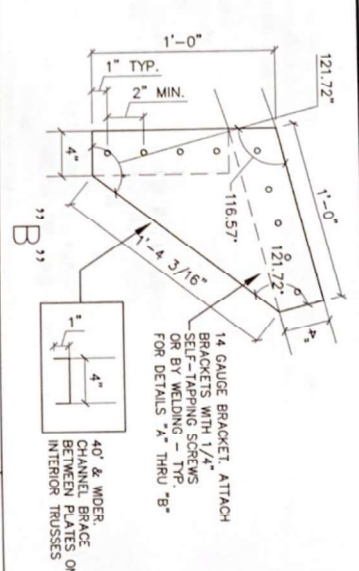
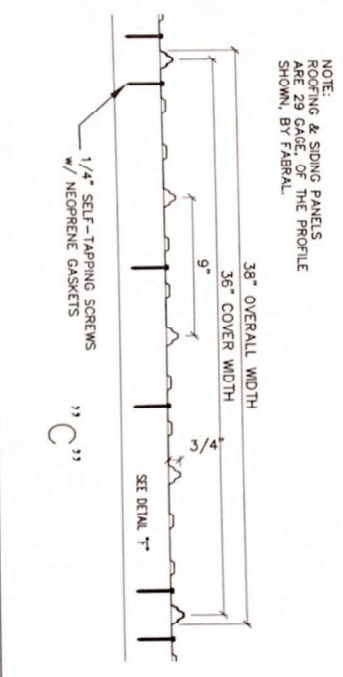
30'-50' WIDE 6/12 PITCH ENCLOSURE BUILDING 130 MPH WIND LOAD
 4241 WILLIAMSON ROAD WILSON, NC 27693
 SECTION 3
 S4

CAROLINA STRUCTURAL, LLC
4241 WILLIAMSON ROAD
WILSON, NC 27893

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

DETAILS

SS



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

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

2. 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.
3. 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.
4. 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.
5. 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.
6. CONCRETE: CONCRETE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI.
7. CONCRETE WORK SHALL COMPLY WITH ACI "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301) AND APPLICABLE PROVISIONS OF ACI 318.
8. ALL FOOTER FOUNDATIONS SHALL BE PLACED ON COMPETENT SOIL.
9. DRILL AUGER PILING HOLES IN UNDISTURBED EARTH.
10. ALL GALVANIZING SHALL BE PERFORMED AFTER FABRICATION, AND IN ACCORDANCE WITH ASTM A123 AND/OR A153.
11. THE MINIMUM YIELD STRENGTH OF THE STEEL USED IN THE LIGHT GAUGE METAL FRAMES SHALL BE 55,000 PSI, FOR RAW OR GALVANIZED TUBES.
12. 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.
13. THE LIGHT GAUGE METAL FRAMES AND DECK SHALL BE OF THE GAUGE INDICATED ON THE PLAN/DETAILS.
14. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1.
15. ALL WELDS SHALL BE COATED WITH GALVANIZE PRIMER & PAINT AFTER WELDING.

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 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	CAROLINA STRUCTURAL, LLC 4241 WILLIAMSON ROAD WILSON, NC 27893	SPECIFICATIONS S6
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