



MEDEEK DESIGN
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PLAN NO.
GARAGE4828B-A6D-3
SCALE 1/4" = 1'-0"

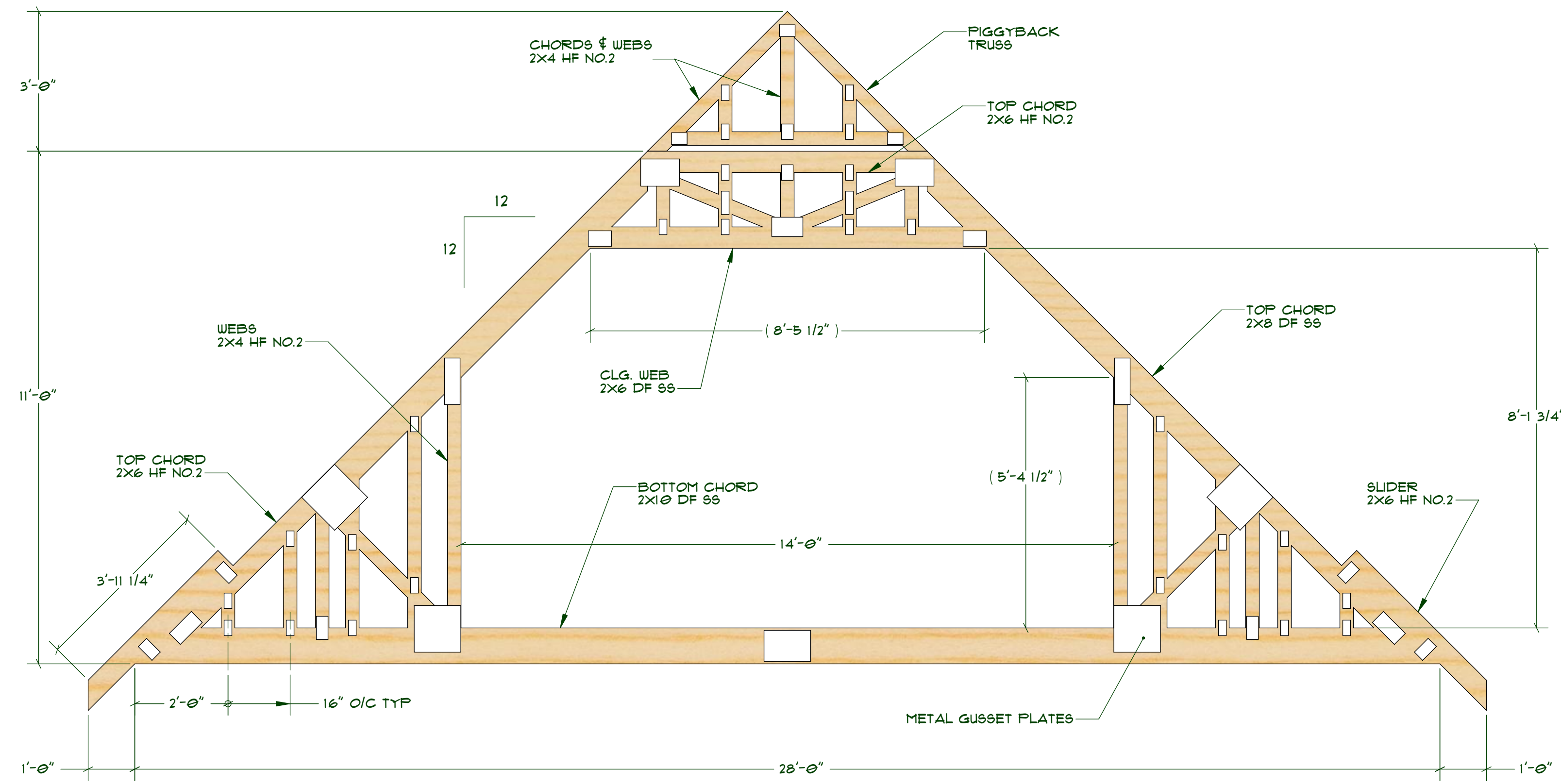
DESIGNED BY:
NFW
DATE:
5/1/2013

SHEET CONTENTS:
TRUSS DETAILS & CONNECTORS

REVISION HISTORY:

CUSTOMER:
LOCATION:

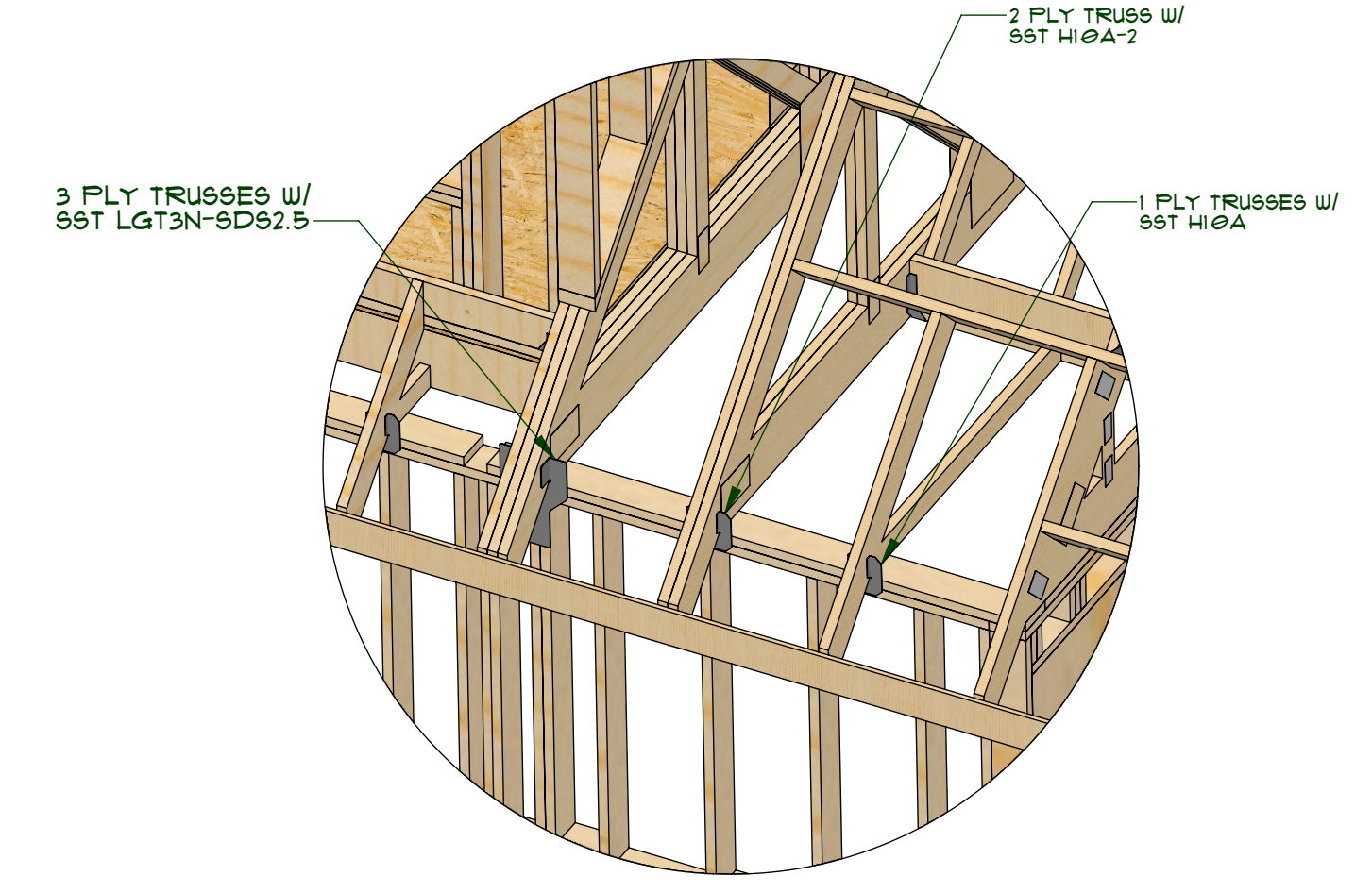
SHEET
12
OF 19



① 1 PLY DROPPED GABLE ATTIC TRUSS DETAIL
W/ GABLE PIGGYBACK TRUSS

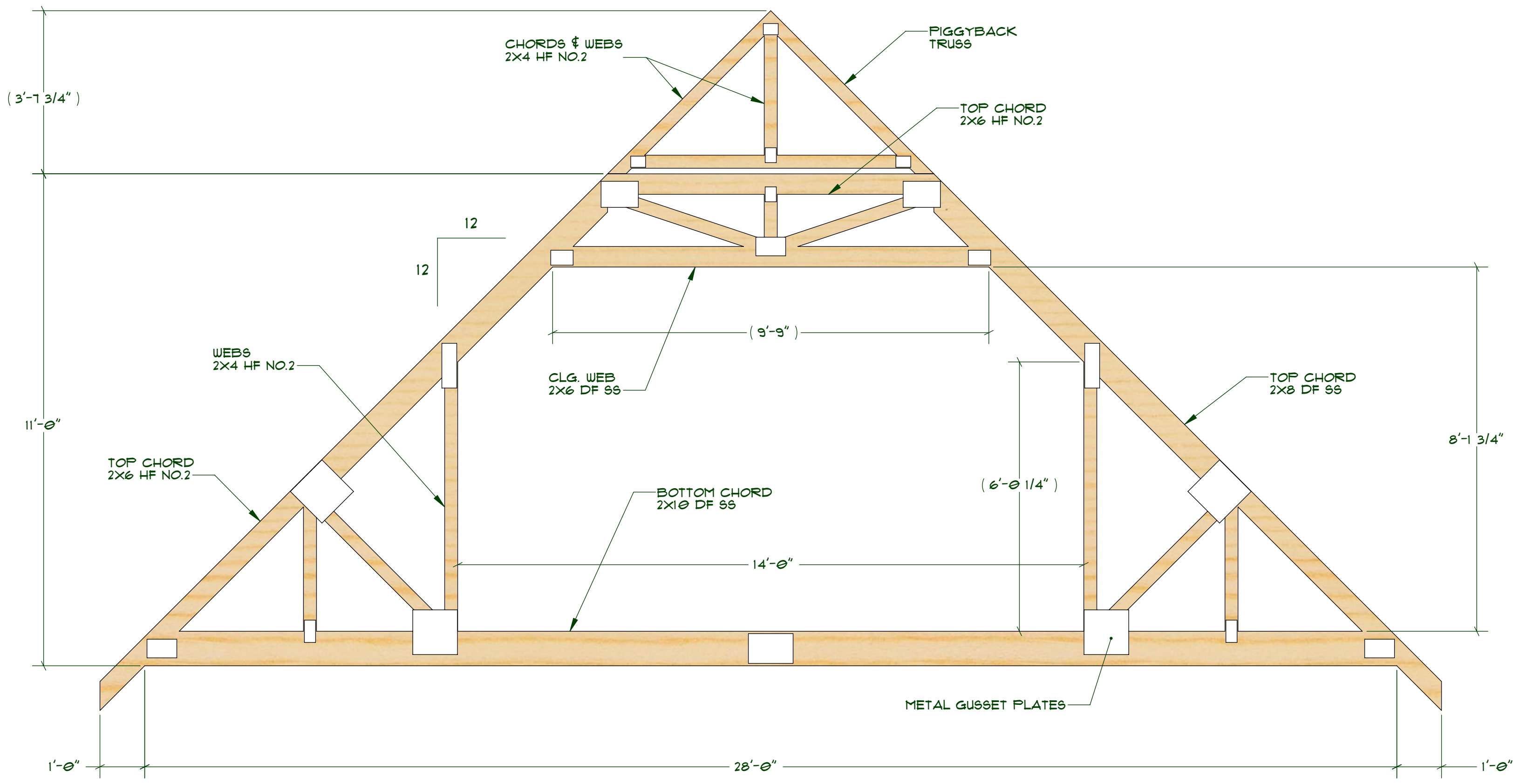
SCALE 1/2"=1'-0"

* VENT BLOCKS & STAIRWELL FRAMING OMITTED FOR CLARITY
** TRUSS CONNECTORS MAY ALSO BE INSTALLED ON INTERIOR FACE OF EXT. WALL



③ TRUSS CONNECTORS DETAIL

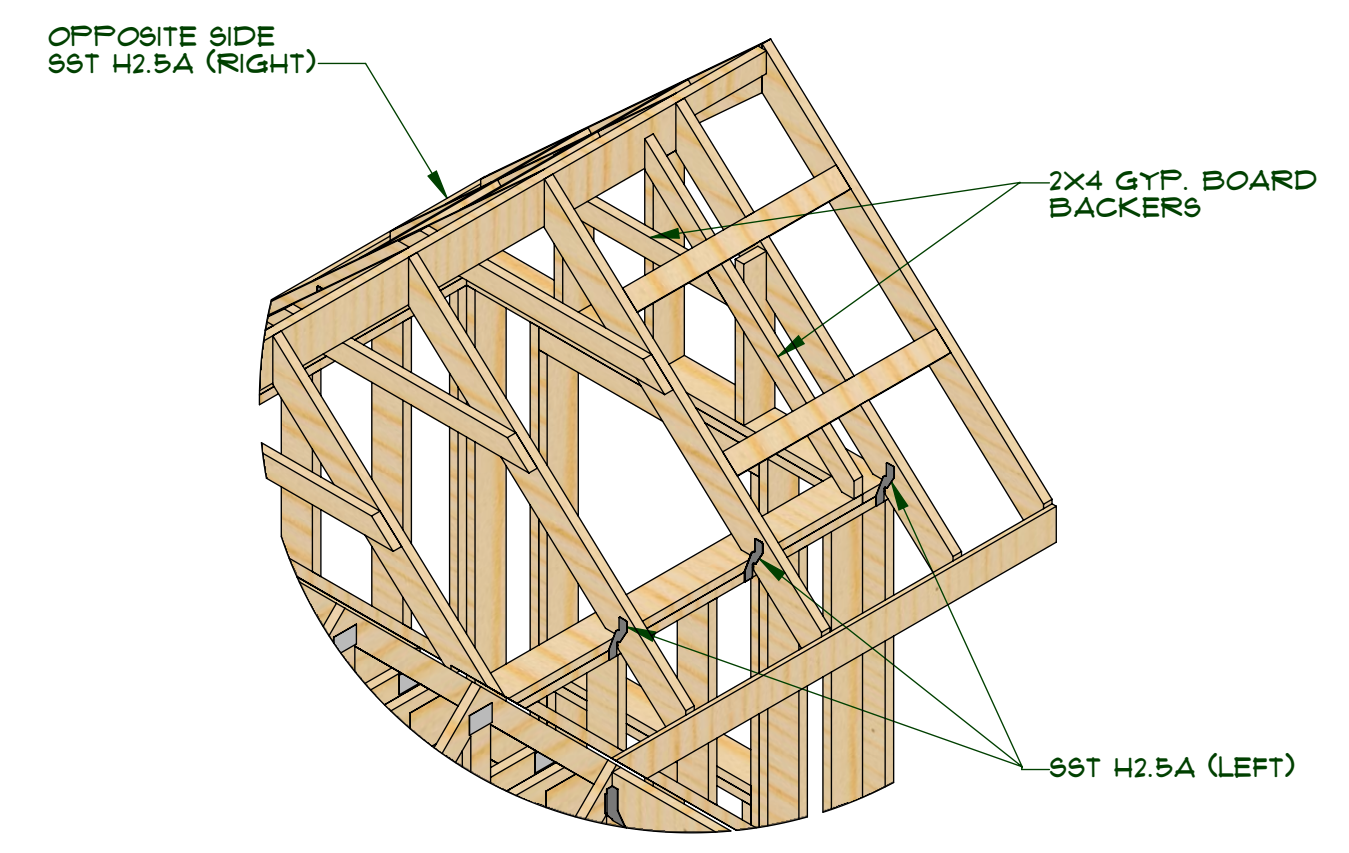
SCALE 1/2"=1'-0"



② 1 PLY, 2 PLY, 3 PLY ATTIC TRUSS DETAIL
W/ PIGGYBACK TRUSS

SCALE 1/2"=1'-0"

* VENT BLOCKS OMITTED FOR CLARITY



④ DORMER CONNECTORS DETAIL

SCALE 1/2"=1'-0"

TRUSS GENERAL NOTES:

- INSTALL TRUSSES AS PER MANUF. SPECS.
- TRUSS CONSTRUCTION DOCUMENTS SHALL BE PREPARED BY A REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY LOCAL BUILDING OFFICIAL PRIOR TO INSTALLATION.
- TRUSS DOCUMENTATION AS PROVIDED BY ABOVE BECOMES PART OF PLANSET.
- TRUSS DOCUMENTS TO COMPLY WITH ALL LOCAL CODES AND 2012 IRC REQUIREMENTS.
- MINIMUM DESIGN PARAMETERS:
 - WIND SPEED: 100 MPH
 - WIND EXPOSURE: "C"
 - SEISMIC CATEGORY: A, B, C, D
 - SNOW LOAD: 30 LBS/SQFT

ROOF TRUSSES					
DESC.	PLY	QUANTITY	PITCH	BASE SPAN	
ATTIC	1	10	12/12	28'-0"	
ATTIC GIRDER	2	1	12/12	28'-0"	
ATTIC GIRDER	3	6	12/12	28'-0"	
ATTIC GABLE	1	2	12/12	28'-0"	
PIGGYBACK	1	17	12/12	6'-2 5/8"	
PIGGYBACK GABLE	1	2	12/12	5'-11 1/8"	

TRUSS REQUIREMENTS

- R802.10.1 TRUSS DESIGN DRAWINGS:** TRUSS DESIGN DRAWINGS, PREPARED IN CONFORMANCE TO SECTION R802.10.1, SHALL BE PROVIDED TO THE BUILDING OFFICIAL AND APPROVED PRIOR TO INSTALLATION. TRUSS DESIGN DRAWINGS SHALL INCLUDE, AT A MINIMUM, THE INFORMATION SPECIFIED BELOW. TRUSS DESIGN DRAWING SHALL BE PROVIDED WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOBSITE.
- SLOPE OR DEPTH, SPAN AND SPACING.
 - LOCATION OF ALL JOINTS.
 - REQUIRED BEARING WIDTHS.
 - DESIGN LOADS AS APPLICABLE:
 - TOP CHORD LIVE LOAD (AS DETERMINED FROM SECTION R301.6, IRC 2009).
 - TOP CHORD DEAD LOAD.
 - BOTTOM CHORD LIVE LOAD.
 - BOTTOM CHORD DEAD LOAD.
 - CONCENTRATED LOADS AND THEIR POINTS OF APPLICATION.
 - CONTROLLING WIND AND EARTHQUAKE LOADS.
 - ADJUSTMENTS TO LUMBER AND JOINT CONNECTOR DESIGN VALUES FOR CONDITIONS OF USE.
 - EACH REACTION FORCE AND DIRECTION.
 - JOINT CONNECTOR TYPE AND DESCRIPTION (E.G. SIZE, THICKNESS OR GAGE) AND THE DIMENSIONED LOCATION OF EACH JOINT CONNECTOR EXCEPT WHERE SYMMETRICALLY LOCATED RELATIVE TO THE JOINT INTERFACE.
 - LUMBER SIZE, SPECIES AND GRADE FOR EACH MEMBER.
 - CONNECTION REQUIREMENTS FOR:
 - TRUSS TO GIRDER/TRUSS.
 - TRUSS TO GABLE.
 - TRUSS PLY TO PLY.
 - FIELD SPLICES.
 - CALCULATED DEFLECTION RATIO AND/OR MAXIMUM DESCRIPTION FOR LIVE AND TOTAL LOAD.
 - MAXIMUM AXIAL COMPRESSION FORCES IN THE TRUSS MEMBERS TO ENABLE THE BUILDING DESIGNER TO DESIGN THE SIZE CONNECTIONS AND ANCHORAGE OF THE PERMANENT CONTINUOUS LATERAL BRACING. FORCES SHALL BE SHOWN ON THE TRUSS DESIGN DRAWING OR ON SUPPLEMENTAL DOCUMENTS.
 - REQUIRED PERMANENT TRUSS MEMBER BRACING LOCATION.