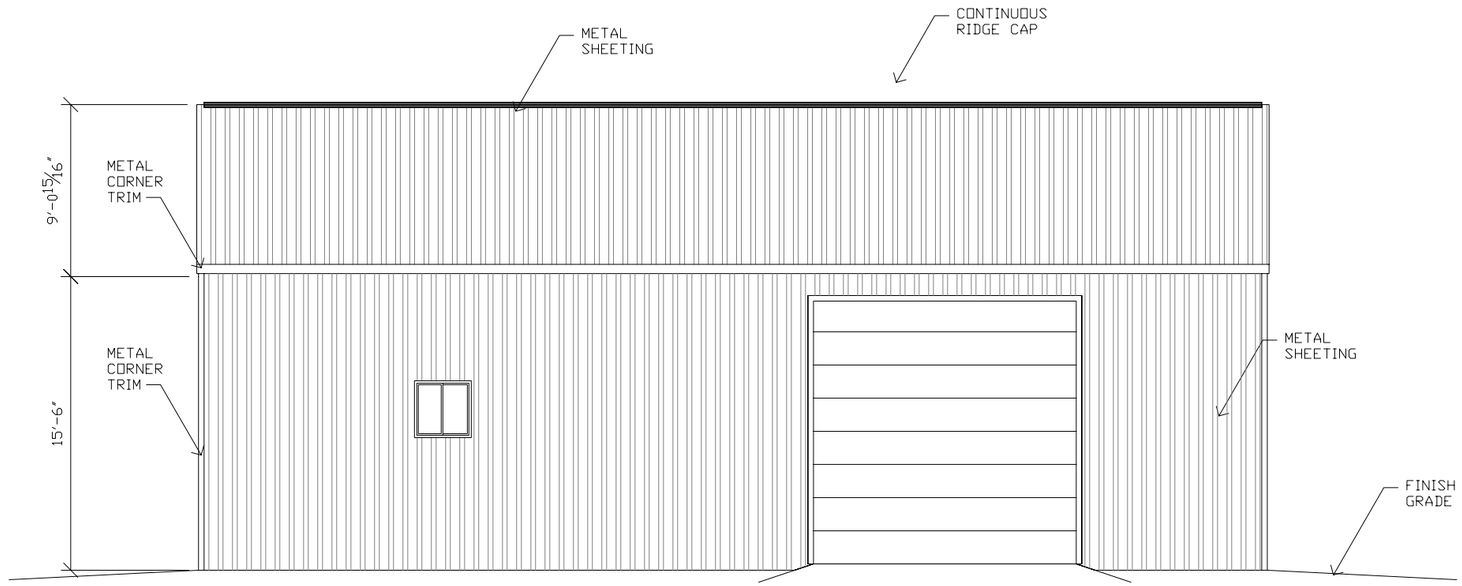
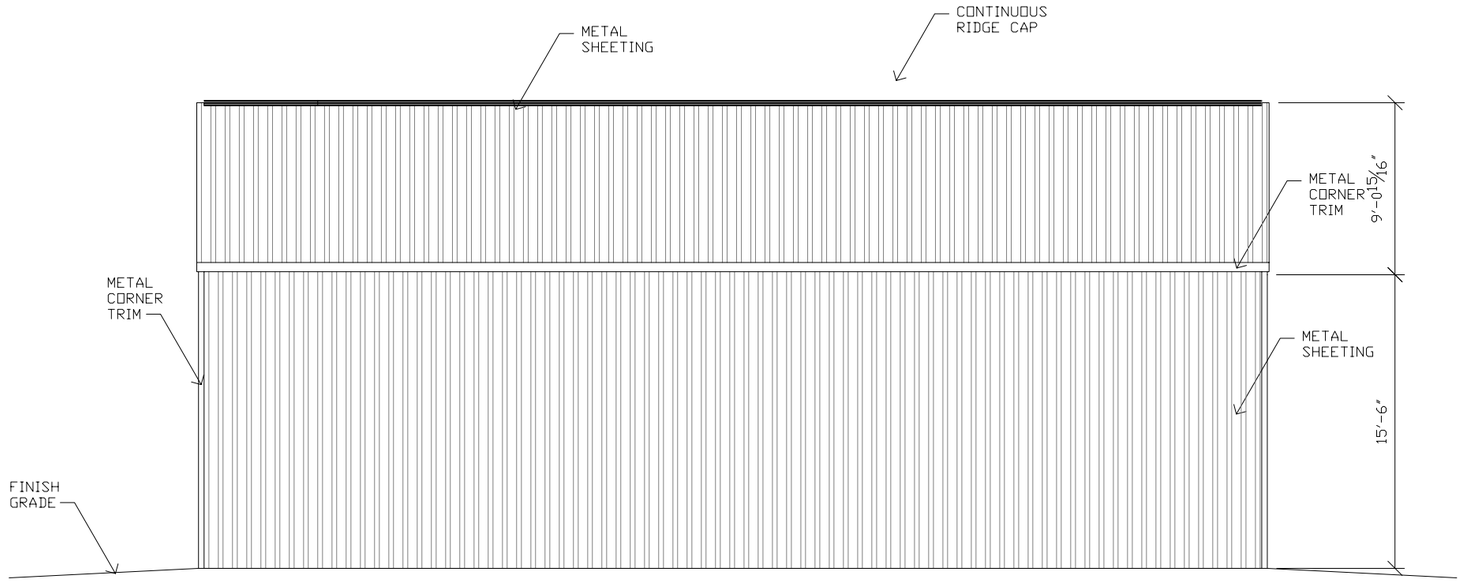
METAL ROOFING AND SIDING PANEL NOTES:

1. ROOF PANELS SHALL BE 29 GUAGE.
2. SIDING PANELS SHALL BE 29 GUAGE.
3. ACCESSORIES SUCH AS RIDGE CAP, EDGE TRIM, CORNER TRIM, ETC. SHALL BE 26 GUAGE.
4. ALL SCREWS SHALL BE COLOR MATCHED TO THE APPLICATION.
5. MEMBER SCREWS ARE USED TO ATTACH THE PANEL TO THE STRUCTURAL MEMBERS. STITCH SCREWS ARE USED AT THE PANEL TO PANEL ATTACHMENTS. MEMBER AND STITCH SCREWS SHALL BE SELF-DRILLING (PERFERRED) OR SELF TAPPING (OPTIONAL).
6. PRIOR TO SECURING PANELS, PANELS SHALL BE SEALED WITH A CONTINUOUS RIBIN OF TAPE SEALANT. A CLOSURE STRIP SHALL BE INSTALLED AT THE EAVE AT THE OWNERS REQUEST.
7. METAL SHAVINGS SHALL BE SWEPT FROM THE ROOF EACH DAY DURING ERECTION TO PREVENT SURFACE RUSTING



1 ELEVATION
Scale: 1/8" = 1'-0"



2 ELEVATION
Scale: 1/8" = 1'-0"

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311 Cottonwood, Strong City, Kansas 66869 / 815 Graham St., Emporia, Kansas 66801 / 620-343-0302

PROJECT: QUALITY-BUILT POLE BARNS / DOUGLAS COUNTY 50' x 56'

TITLE: ELEVATIONS

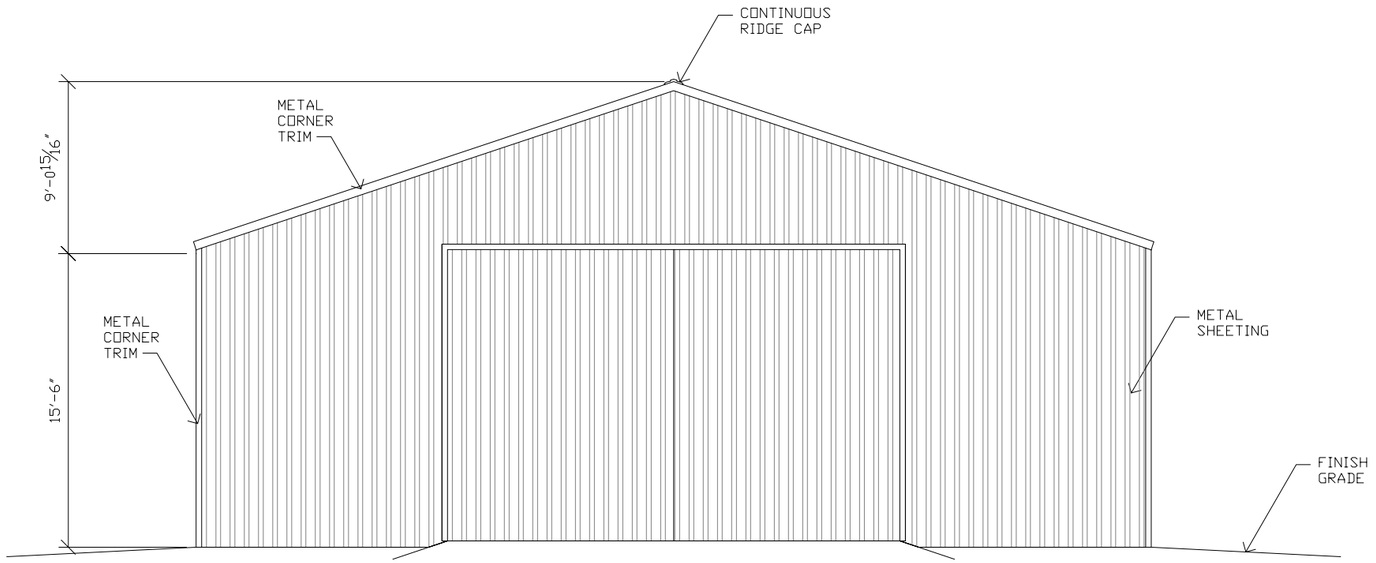
SHEET No.: A-1

PROJECT No.:

DATE: JAN. 20, 2013

DWG. FILE:

DRAWN BY: KHG/MLS



1 ELEVATION
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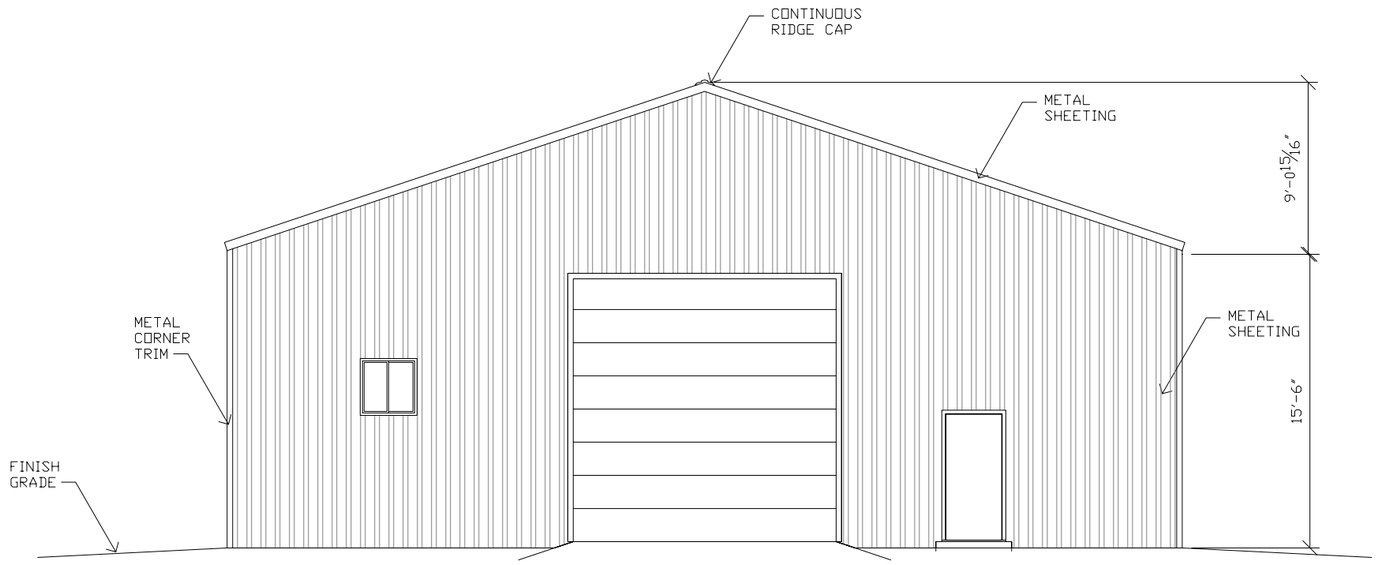

2 ELEVATION
Scale: 1/8" = 1'-0"

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PROJECT: QUALITY-BUILT POLE BARNS / DOUGLAS COUNTY 50' x 56'

TITLE: ELEVATIONS

SHEET No.: A-2

PROJECT No.:

DATE: JAN. 20, 2013

DWG. FILE:

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DESIGN:

1. CODES, SPECIFICATION AND STANDARDS (LATEST EDITIONS, U.N.O.)

   ALL CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF THE FOLLOWING CODES, SPECIFICATIONS AND STANDRAD'S, EXCEPT WHERE NOTED TO THE CONTRARY ON THE DRAWINGS AND SPECIFICATIONS OR WHERE MORE STRINGENT REQUIREMENTS ARE SPECIFIED OR SHOWN

2. ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING

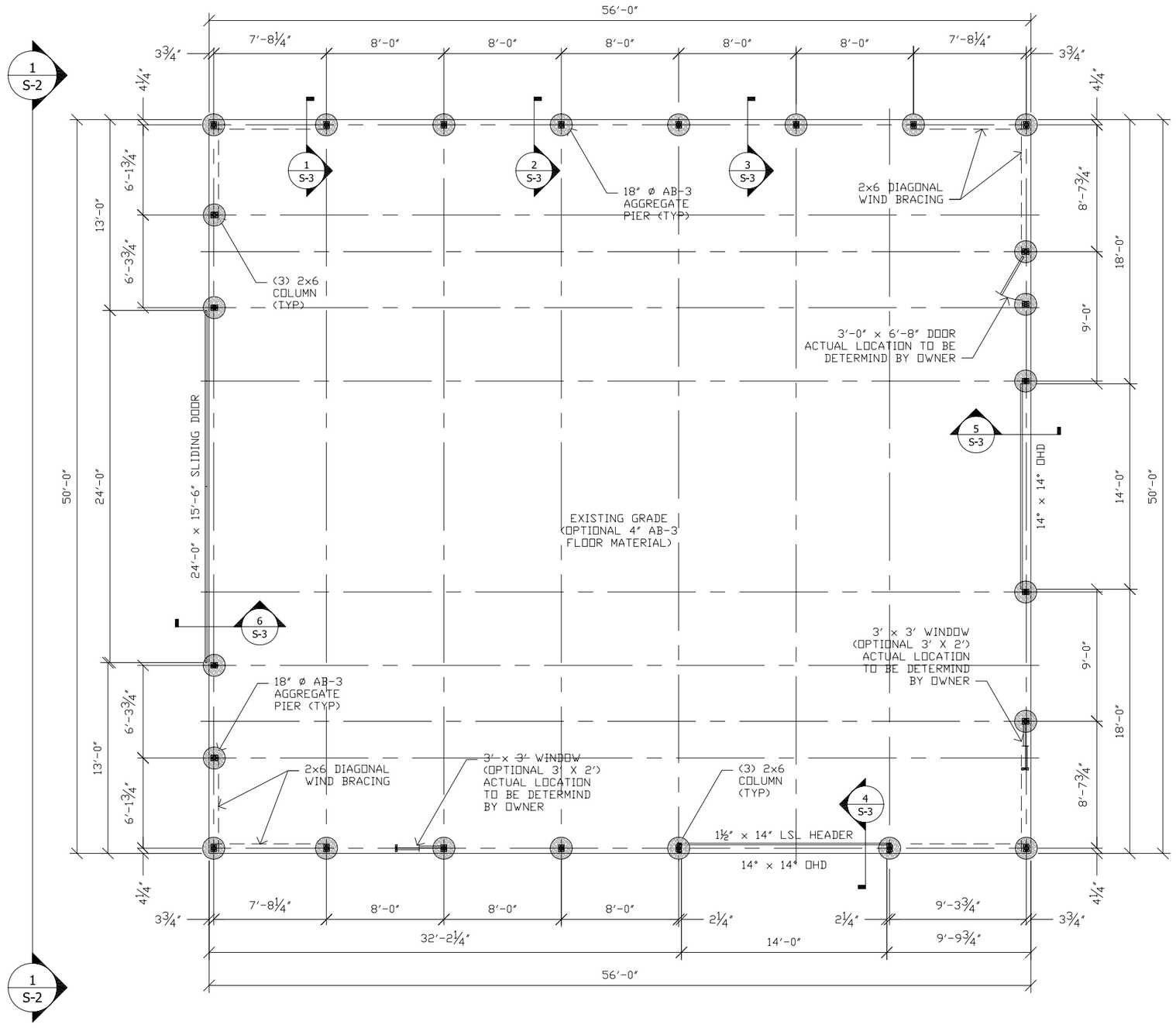
   - 2006 INTERNATIONAL BUILDING CODE (IBC)
   - 2005 NATIONAL ELECTRICAL CODE (NEC)

3. DESIGN LOADS:

   - DEAD LOAD: ACTUAL MATERIAL WEIGHT
   - FLOOR LIVE LOAD: NA
   - ROOF LIVE LOAD: 20 PSF
   - WIND LOADING

WIND SPEED	90 MPH
EXPOSURE	"C"
STRUCTURE TYPE	ENCLOSED
IMPORTANCE	1.00

   - SEISMIC DESIGN CATEGORY: B-1



1 BUILDING PLAN

Scale: 1/8" = 1'-0"

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PROJECT: QUALITY-BUILT POLE BARNS / DOUGLAS COUNTY 50' x 56'

TITLE: BUILDING PLAN

PROJECT No.:

DATE: JAN. 20, 2013

DWG. FILE:

SHEET No.: S-1

DRAWN BY: KHG/MLS

ROUGH CARPENTRY:

1. ALL STRUCTURAL LUMBER SHALL BE S4S #2 SPRUCE PINE FIR (SPF) (OR BETTER) WITH A MAXIMUM MOISTURE CONTENT OF NINETEEN (19) PERCENT.

2. ALL MATERIAL IN CONTACT WITH THE EARTH OR CONCRETE SHALL BE ACQ TREATED OR EQUAL WITH A MINIMUM PRESERVATION RETENTION OF 0.60 (FOUNDATION GRADE).

3. ALL ENGINEERED WOOD PRODUCTS (LAMINATED VENEER LUMBER (LVL), OR PARALLEL STRAND LUMBER (PSL)) SHALL BE MANUFACTURED TO THE FOLLOWING MINIMUM PROPERTIES:
   - ALLOWABLE BENDING STRESS: 2,950 PSI
   - ALLOWABLE SHEAR STRESS: 285 PSI
   - MODULUS OF ELASTICITY: 1,900,00 PSI

6. ALL BOLTS FOR CONSTRUCTION SHALL BE ASTM A307, GRADE A, OR ASTM A36.

7. ALL NAILS SHALL BE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE ON THE DRAWINGS

8. ALL METAL FRAMING ACCESSORIES ARE STANDARDS OF SIMPSON STRONG-TIE AND ARE TO BE ATTACHED AS PER SIMPSON STRONG-TIE RECOMMENDATIONS.

9. THE QUALITY AND SIZE OF FASTENERS SHALL BE IN ACCORDANCE WITH THE CODE OF RECORD, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

10. FASTENERS USED IN CONTACT WITH TREATED MATERIAL SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL OR APPROVED EQUAL.

11. FASTENER SCHEDULE
    - 2x4 NAILER (2) 12d (0.148 x 3¼") NAIL PER COLUMN
    - 2x6 NAILER (3) 12d (0.148 x 3¼") NAIL PER COLUMN
    - 2x12 NAILER (4) 40d (0.225 x 4½") NAIL PER COLUMN

PRE-FABRICATED/PRE-ENGINEERED WOOD TRUSSES:

1. WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI) DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES AND THE NATIONAL DESIGN SPECIFICATION FOR ANSI/NFOPA WOOD CONSTRUCTION. PROVIDE TEMPORARY AND PERMANENT BRACING ON ALL TRUSSES, AS REQUIRED, TO PROVIDE MEMBER AND TRUSS STABILITY.

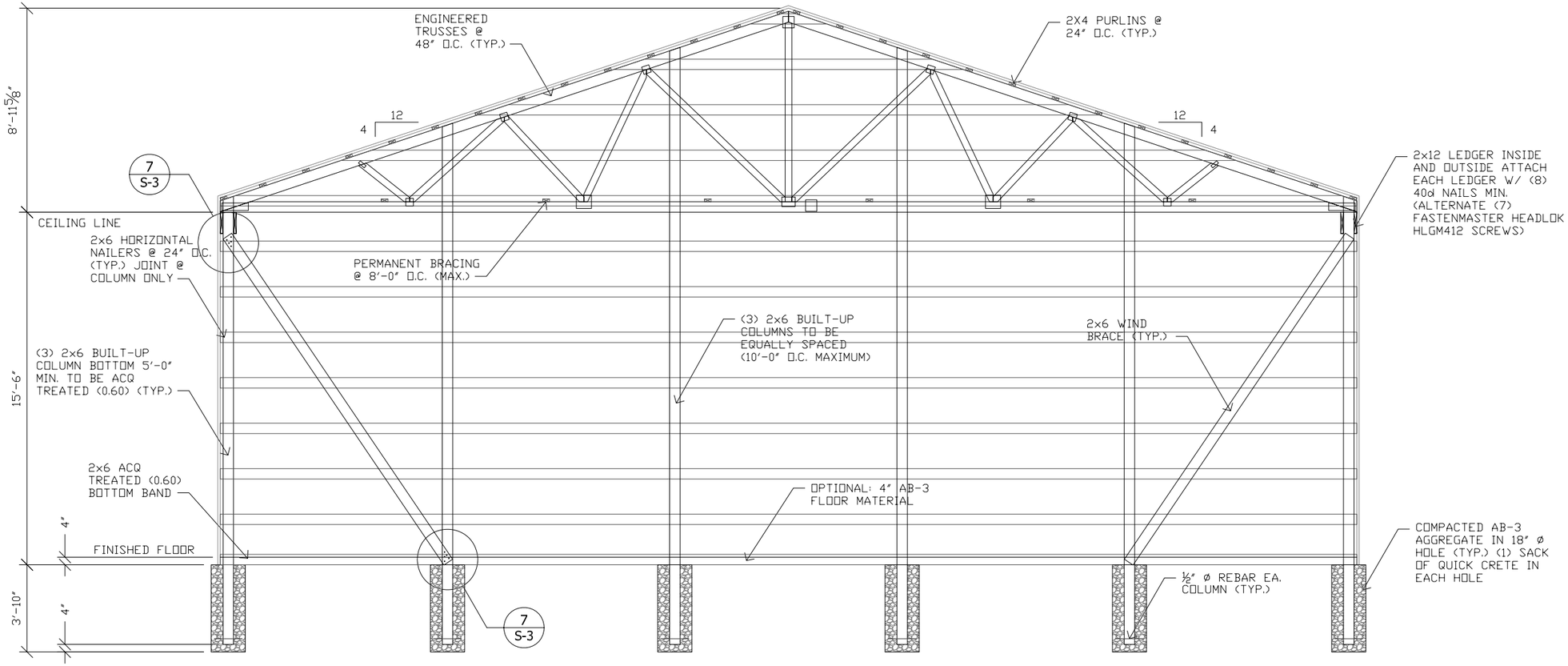
2. ROOF TRUSSES SHALL BE DESIGNED AND CONSTRUCTED FOR A MAXIMUM TOTAL DEFLECTION OF 1/360TH AND TO SAFELY SUPPORT THE FOLLOWING LOADS:

   A. TOP CHORD:
      LIVE LOAD = 20 PSF
      DEAD LOAD = 4 PSF

   B. BOTTOM CHORD:
      LIVE LOAD = 0 PSF
      DEAD LOAD = 5 PSF

   C. ADDITIONAL LOADS: (NOT LIMITED TO)
      SNOWDRIFT, BRACE REACTIONS, AND UPLIFT.

3. SHOP DRAWING SUBMITTALS, DRAWINGS, AND INFORMATION SHALL BE PREPARED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE KANSAS. DRAWINGS SHALL INCLUDE THE SPECIES, SPECIES GROUP, SIZES, AND ALLOWABLE STRESS GRADES OF LUMBER TO BE USED. THE ROOF PITCH, SPAN, CAMBER, CONFIGURATION, AND SPACING FOR EACH TYPE OF TRUSS SHALL BE PROVIDED. METAL PLATE CONNECTORS SHALL BE SPECIFIED AND SHALL INCLUDE, AS A MINIMUM, THE TYPE, SIZE, MATERIAL, FINISH, AND LOCATION AS WELL AS ANY NECESSARY SPECIAL BEARING DETAILS. THE DRAWINGS SHALL SHOW ALL REQUIRED TEMPORARY OR PERMANENT BRACING WHICH MAY AFFECT THE OVERALL STRUCTURAL CAPACITY AND PERFORMANCE OF THE TRUSSES. THE SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR FOR CONFORMANCE WITH THE PLANS.



1 END WALL FRAMING
Scale: 3/16" = 1'-0"

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PROJECT: QUALITY-BUILT POLE BARNS / DOUGLAS COUNTY 50' x 56'

TITLE: END WALL FRAMING

PROJECT No.:

DATE: JAN. 20, 2013

DWG. FILE:

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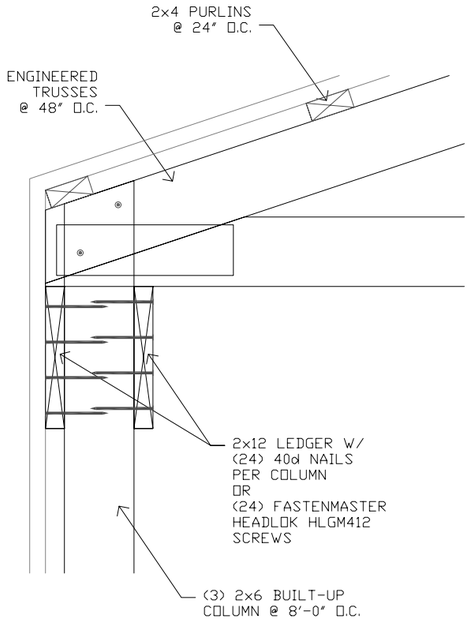
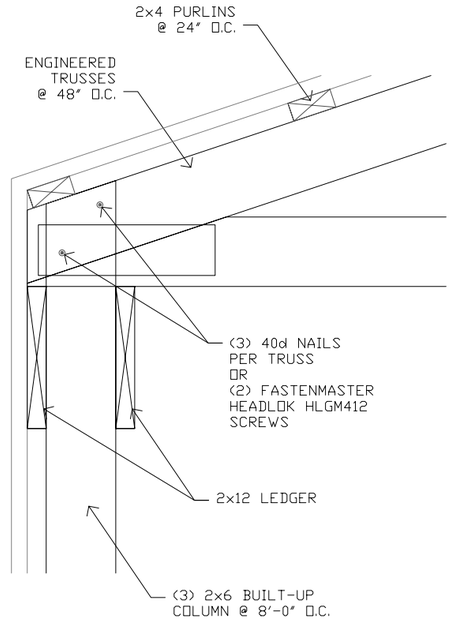
SHEET No.: S-2



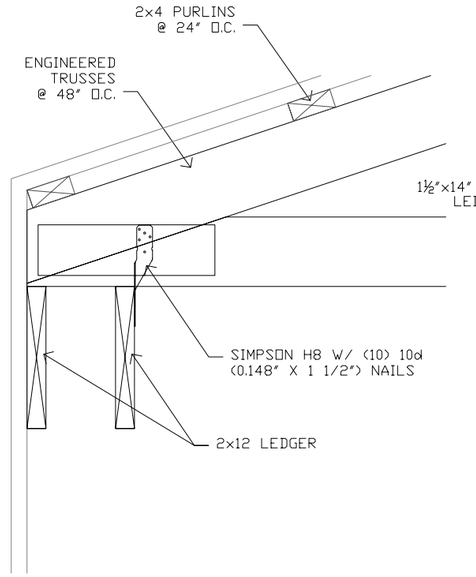
1 LEDGER ATTACHMENT

Scale: 1" = 1'-0"



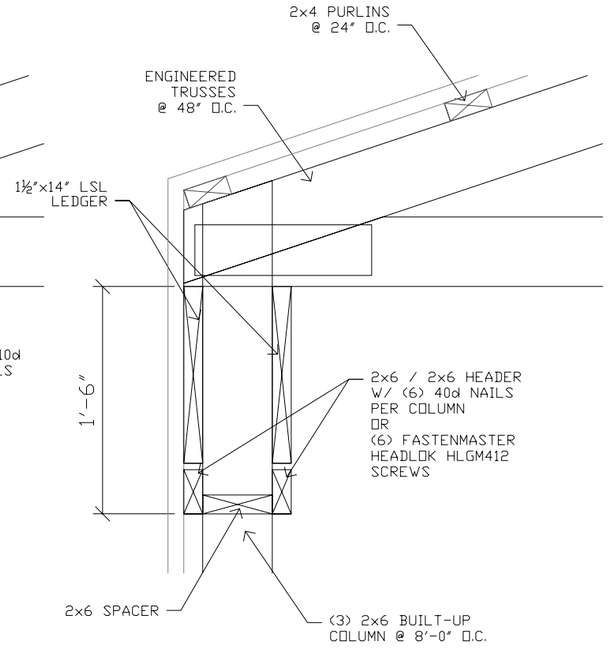
2 TRUSS TIE-DOWN AT COLUMN

Scale: 1" = 1'-0"



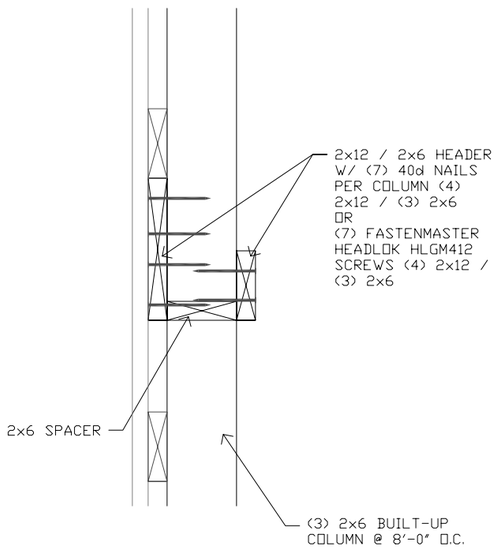
3 TRUSS TIE-DOWN BETWEEN COLUMNS

Scale: 1" = 1'-0"



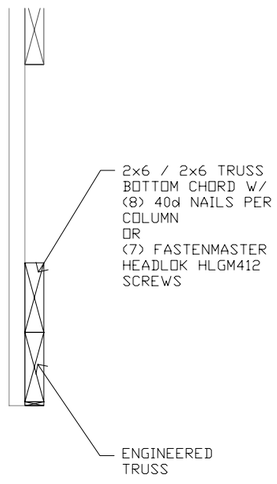
4 SIDE WALL HEADER DETAIL

Scale: 1" = 1'-0"



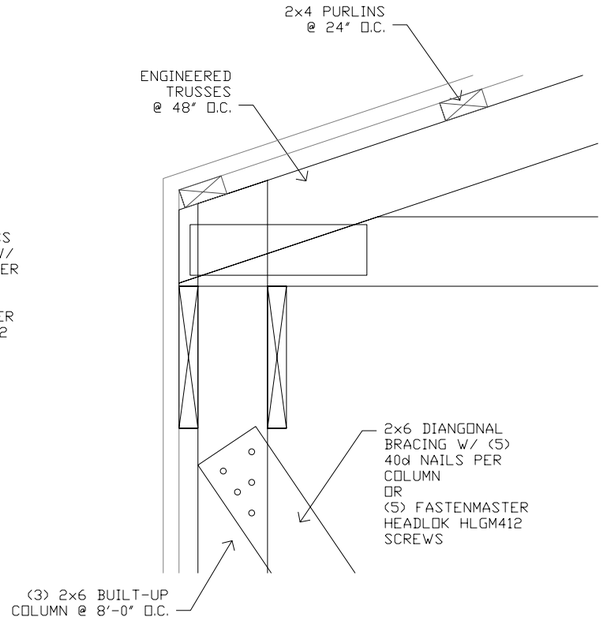
5 END / SIDE WALL HEADER DETAIL

Scale: 1" = 1'-0"



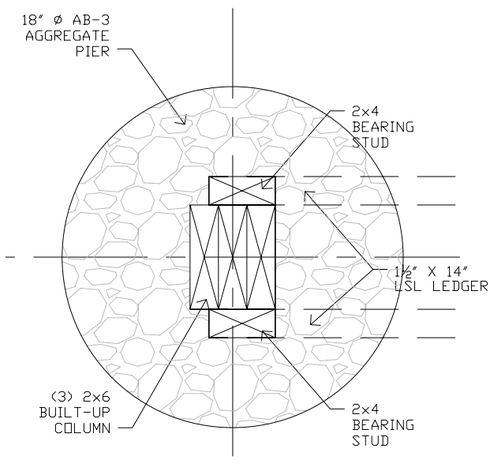
6 SLIDING DOOR HEADER DETAIL

Scale: 1" = 1'-0"



7 BRACING ATTACHMENT

Scale: 1" = 1'-0"



8 SIDE WALL HEADER SUPPORT

Scale: 1" = 1'-0"

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