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CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

ALTERNATE CONDITIONS:

THE VARYING MAKEUP OF SOILS AND OCCURRENCE OF ROCK IN MANY MODOT DISTRICTS MAY REQUIRE CONSIDERABLE REDESIGN OF THE POST PLACEMENT BELOW GRADE FROM THAT SHOWN IN THESE DRAWINGS. THE BIDDER WILL BE RESPONSIBLE FOR OBTAINING ACCURATE INFORMATION FROM THE DISTRICTS FACILITIES MANAGER (I.E. DRILLINGS OR BORINGS INFORMATION 5'-0" DEEP AT EACH BUILDING CORNER AND AT LEAST ONE INTERMEDIATE SAMPLE TO THIS DEPTH ON THE LONG SIDES OF THE PROPOSED STRUCTURE) SO THAT THE BID WILL REFLECT ANY FOUNDATION REQUIREMENTS BEYOND THOSE SHOWN HERE. INFORMATION COULD INCLUDE PREVIOUS EXCAVATIONS THAT VERIFY FOOTING CONDITIONS THAT WILL BE ENCOUNTERED BY THIS CONTRACTOR.

MISSOURI DEPARTMENT OF TRANSPORTATION

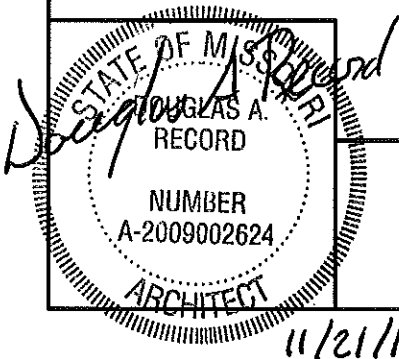
STOCKTON 150' x 50' POLE BARN
509 West Highway 32, Stockton, Missouri 65785
SOUTHWEST DISTRICT
Cedar County

REQUIRED BUILDING ELEMENTS:

- 2 x 6 WALL GIRTS - #2 SYP OR EQUAL.
- FINISH COAT ON 29 GAUGE METAL SIDING TO BE FLOUROPOLYMER (KYNAR 500 OR EQUAL. 40 YEAR POLYESTER IS ACCEPTABLE.
- CONNECTION OF ROOF TRUSS TO POST OR HEADER TO BE EQUAL TO SIMPSON TIE #HD-1 OR HD2A.
- POSTS TO BE A MINIMUM OF 4'-0" BELOW GRADE IN COMPACTED SOIL.

FABRICATOR NOTES:

THESE DRAWINGS ARE FURNISHED AS A GUIDE TO BIDDERS IN SUBMITTING COMPLETE DETAILED DRAWINGS OF THEIR PROPOSED STRUCTURE TO BE SEALED BY AN ARCHITECT/ENGINEER. WHERE "AS REQUIRED" IS USED THE BIDDER MUST FURNISH A DETAILED DESCRIPTION OF THE BUILDING ELEMENT TO BE FURNISHED.

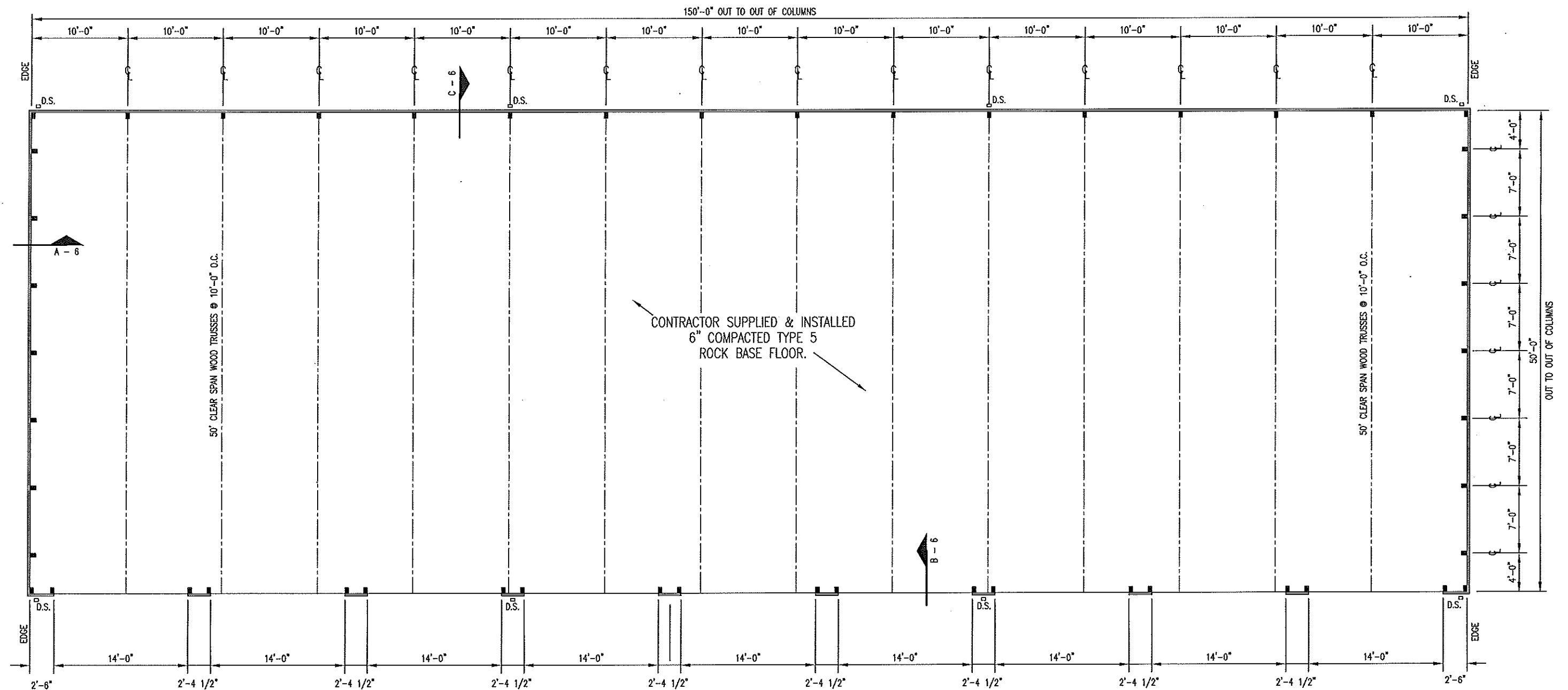


COVER SHEET

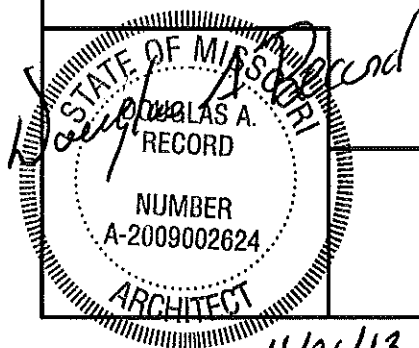
MISSOURI DEPARTMENT OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

Stockton 150' x 50' Pole Barn
509 West Highway 32, Stockton, MO
Southwest District - Cedar County

DESIGN BY: LARRY CARVER
DRAWN BY: LARRY CARVER
DATE: 11-15-13
Sheet 1 of 6



A
2 FLOOR PLAN
SCALE: 3/32" = 1'-0"

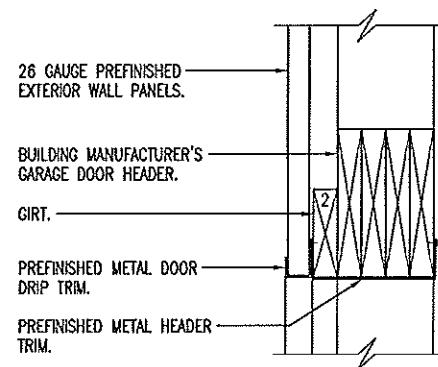


FLOOR PLAN

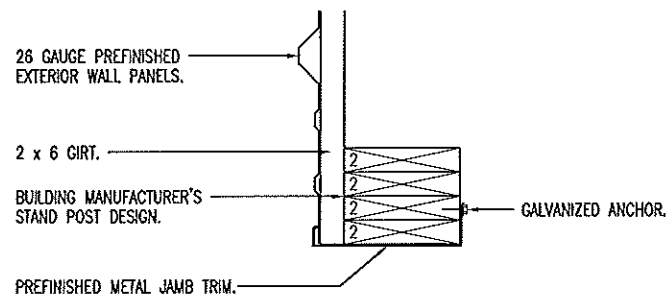
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A
3
GARAGE DOOR HEAD
SCALE: 1" = 1'-0"



B
3
GARAGE DOOR JAMB
SCALE: 1" = 1'-0"

CONCRETE NOTES

1. CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
2. FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2000 PSF. IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
3. IF CONDITIONS REQUIRING ROCK EXCAVATION ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
4. ALL CONCRETE SHALL BE TYPE 1 CEMENT WITH A COMPRESSIVE STRENGTH OF 3,500 PSI @ 28 DAYS WITH 4" TO 5" SLUMP.
5. MODOT TO STAKE CORNERS ON LEVEL SITE.

CONTRACTOR NOTES

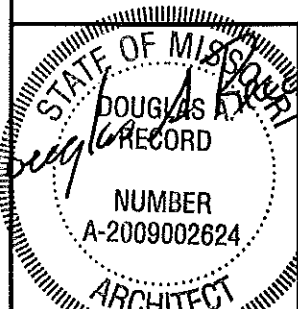
1. MODOT TO STAKE FOUR CORNERS OF BUILDING ON LEVEL SITE.
2. CONTRACTOR TO SLOPE FINISHED GRADE TO DRAIN AWAY FROM BUILDING ON THE FOUR SIDES WITH LIKE MATERIALS.

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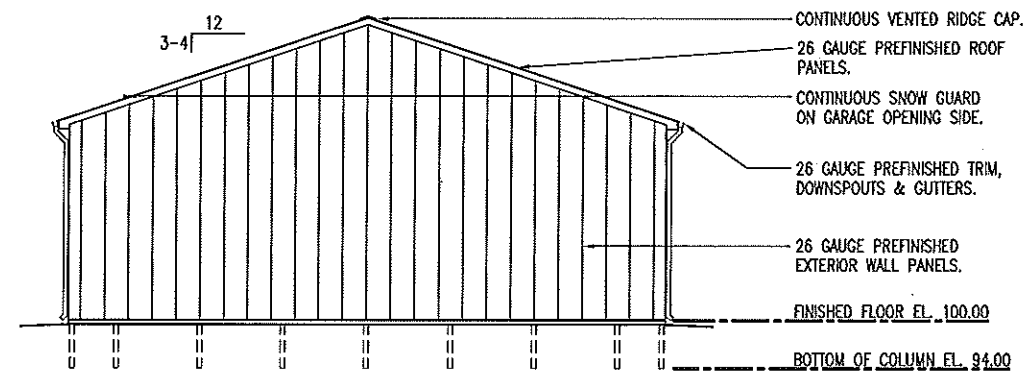
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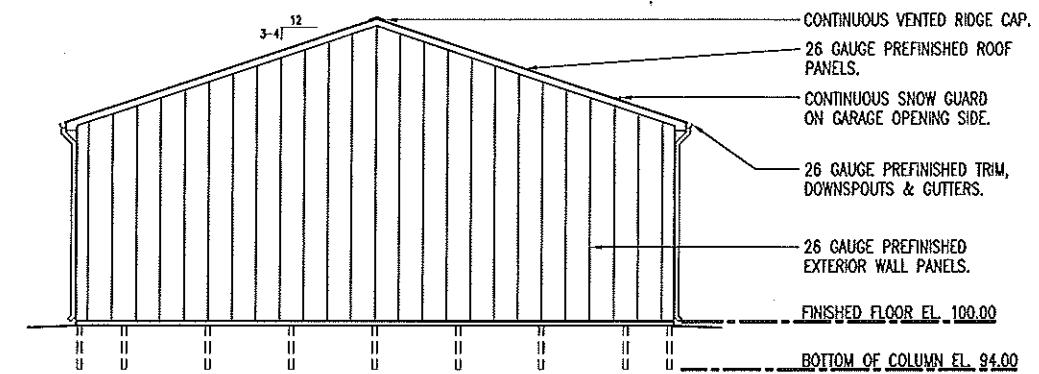
DETAILS



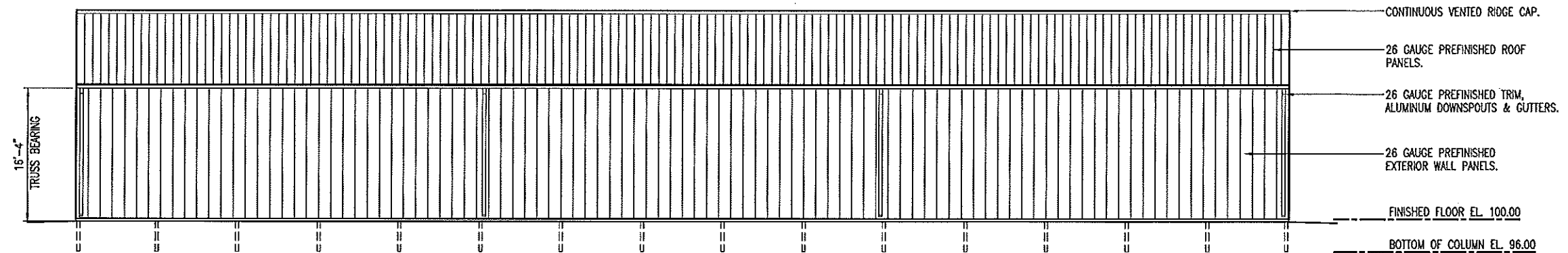
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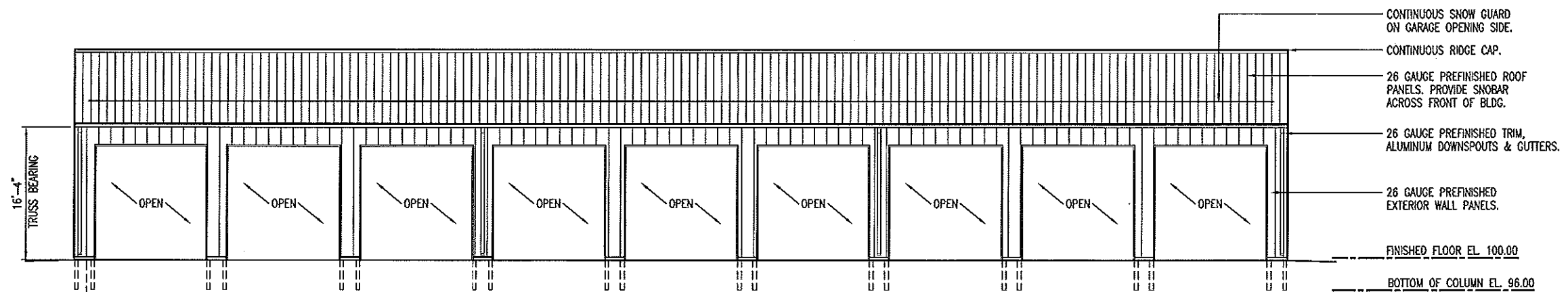
C LEFT ELEVATION
SCALE: 1/16" = 1'-0"



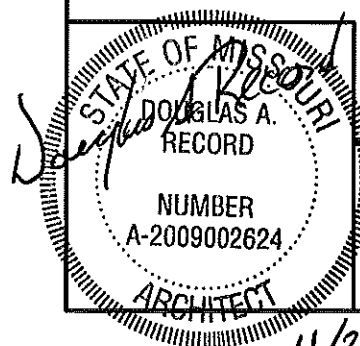
D RIGHT ELEVATION
SCALE: 1/16" = 1'-0"



B REAR ELEVATION
SCALE: 1/16" = 1'-0"



A FRONT ELEVATION
SCALE: 1/16" = 1'-0"

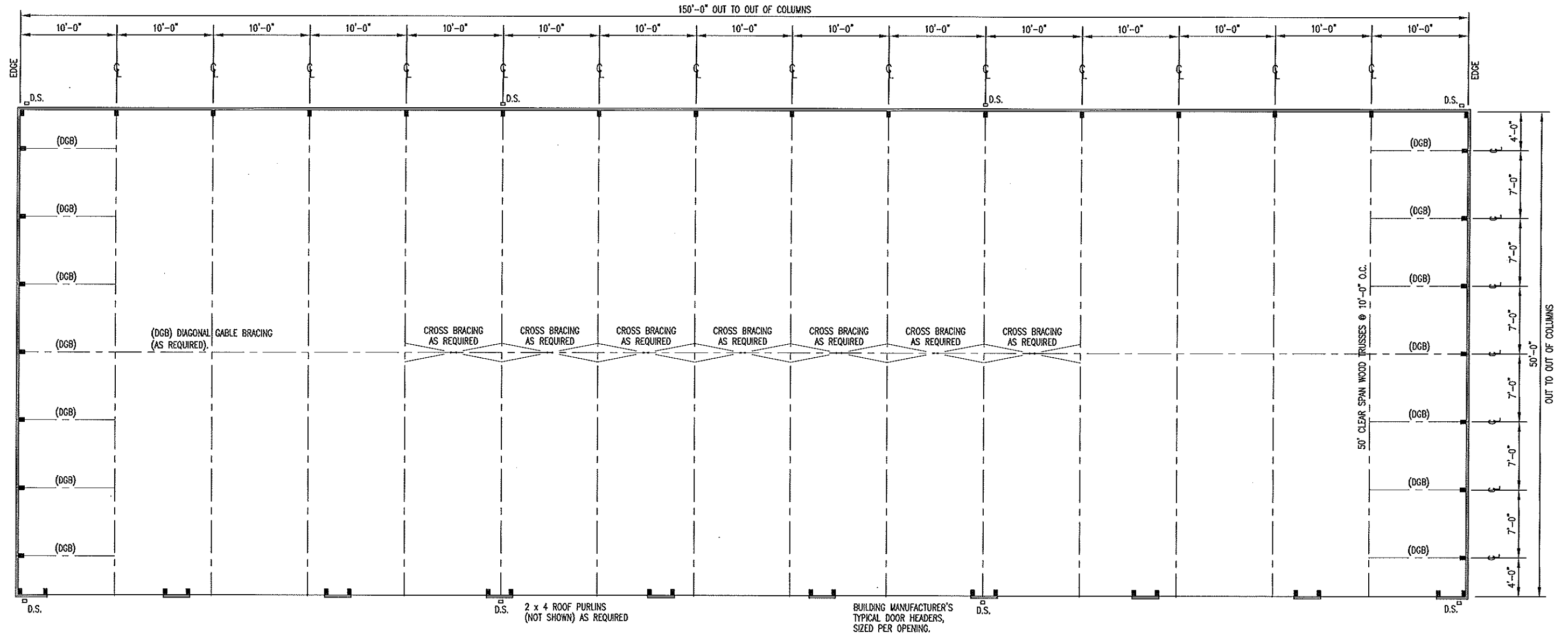


ELEVATIONS

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ROOF FRAMING PLAN
 SCALE: 3/32" = 1'-0"

ROOF FRAMING NOTES

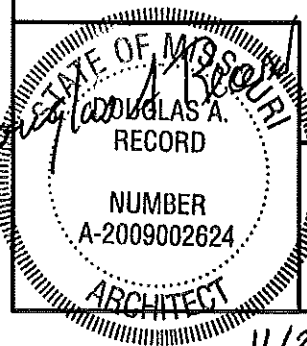
- DESIGN LOADING FOR ROOF TRUSSES SHALL MEET THE FOLLOWING CRITERIA:
 ROOF LIVE LOAD 20 PSF
 ROOF DEAD LOAD 4 PSF
 BOTTOM CORD DEAD LOAD 5 PSF
 EARTHQUAKE ZONE 1, LATEST EDITION IBC
 WIND 90 MPH, EXPOSURE B
 DEFLECTION L/360
 SPACING 10'-0" O.C.
- TRUSS DESIGN SUBMITTALS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MISSOURI.
- ROOF TRUSSES AND RAFTERS SHALL BE ANCHORED TO THE TOP PLATE OF LOAD BEARING WALLS WITH SEISMIC AND HURRICANE ANCHORS EQUAL TO SIMPSON STRONG TIE #H1 ANCHORS.

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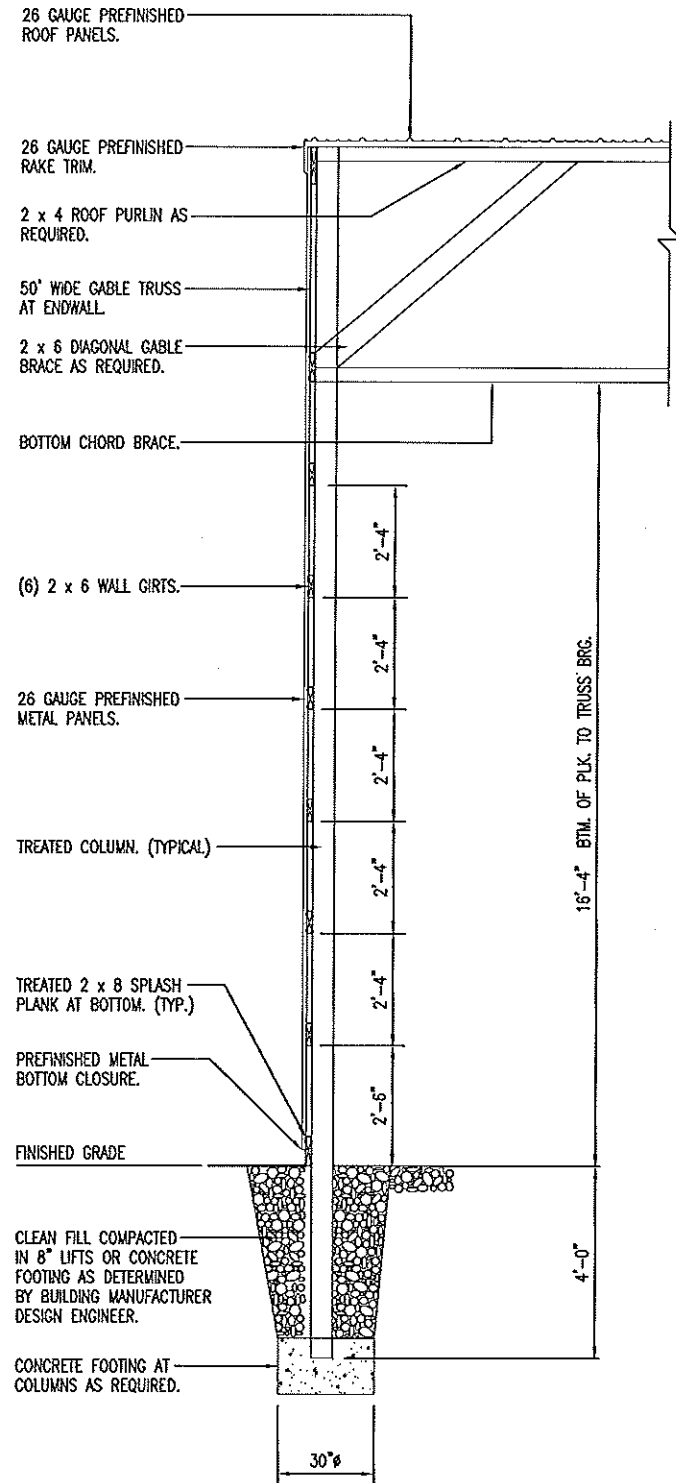
Stockton 150' x 50' Pole Barn
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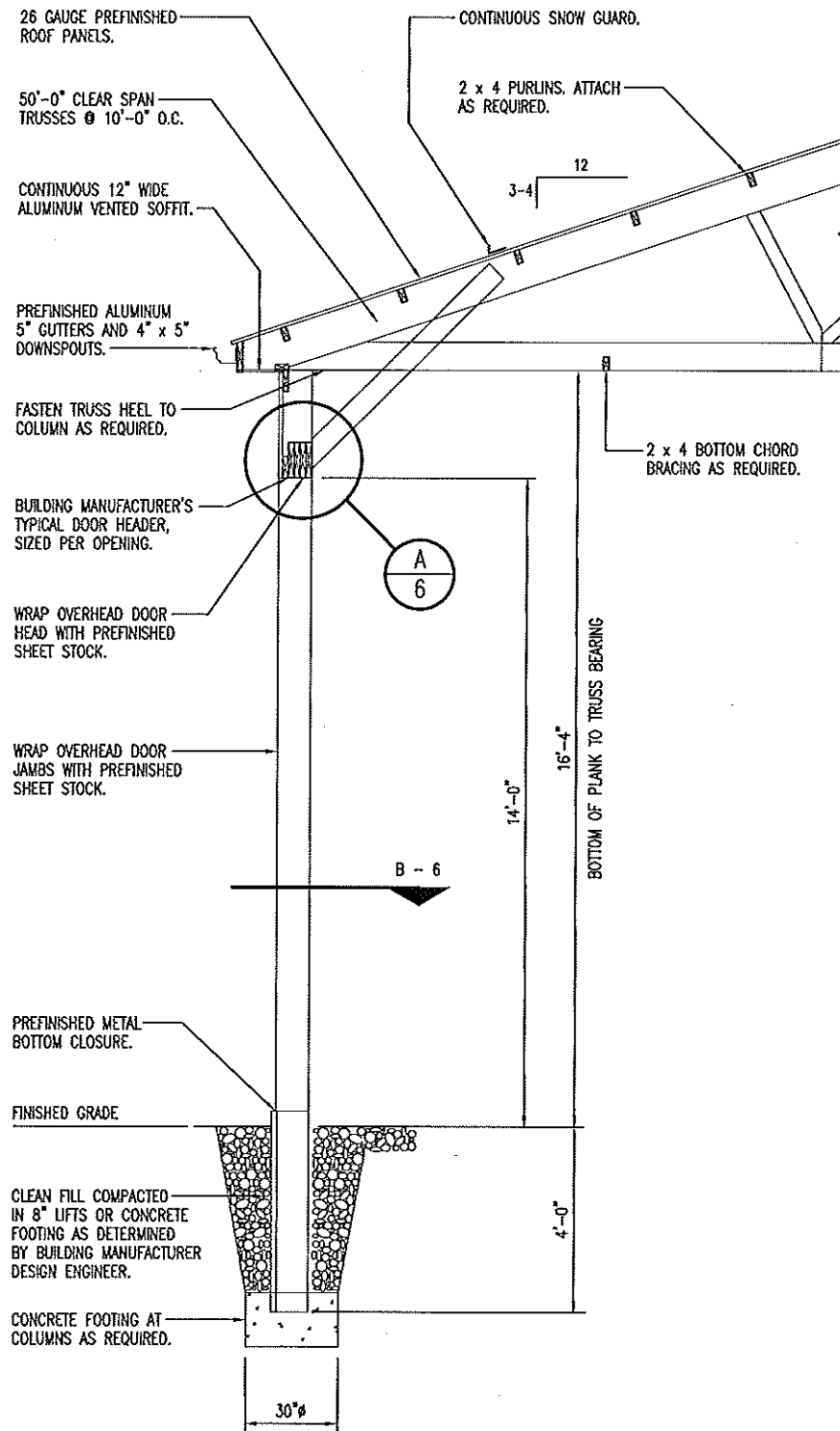
ROOF FRAMING PLAN



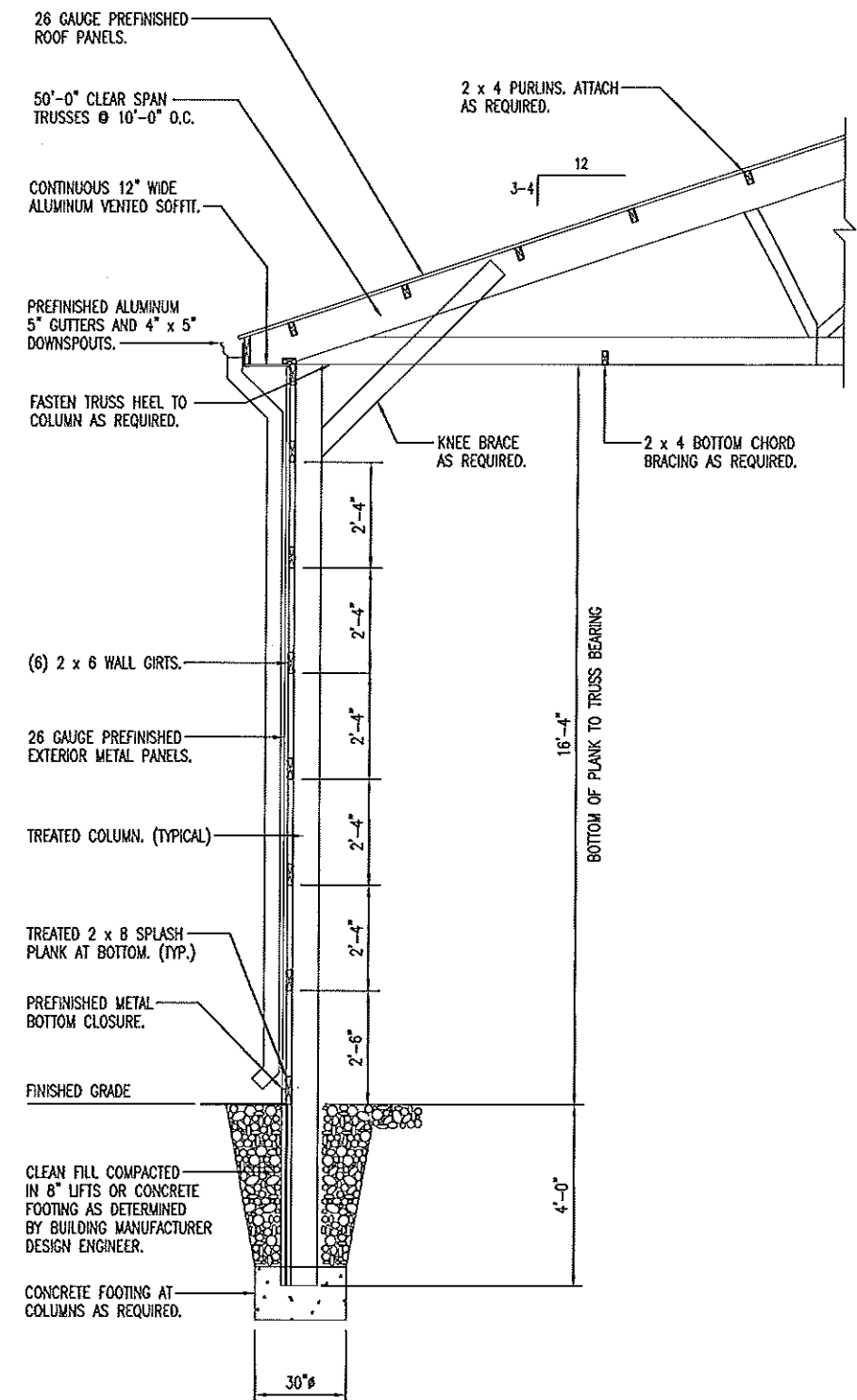
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A
6
ENDWALL SECTION
SCALE: 1/4" = 1'-0"



B
6
OVERHEAD DOOR SECTION
SCALE: 1/4" = 1'-0"



C
6
SIDEWALL SECTION
SCALE: 1/4" = 1'-0"

WALL SECTIONS

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