

INDEX OF DRAWINGS

- 1 - 11 COVER SHEET
- 2 - 11 KANSAS CITY (SKILES) SITE PLAN
- 3 - 11 PLATTE CITY SITE PLAN
- 4 - 11 KANSAS CITY (SKILES) FLOOR PLAN
- 5 - 11 PLATTE CITY FLOOR PLAN
- 6 - 11 DETAILS
- 7 - 11 KANSAS CITY (SKILES) ELEVATIONS
- 8 - 11 PLATTE CITY ELEVATIONS
- 9 - 11 SKILES ROOF FRAMING PLAN
- 10 - 11 PLATTE CITY ROOF FRAMING PLAN
- 11 - 11 WALL SECTIONS

MISSOURI DEPARTMENT
OF TRANSPORTATION

NEW POLE BARNs IN KANSAS CITY DISTRICT FOR:
KANSAS CITY (SKILES), MISSOURI 64161
3800 North Skiles Avenue
CLAY COUNTY

PLATTE CITY, MISSOURI 64079
16108 Elm Grove Road
PLATTE COUNTY

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC
MECHANICAL CODE - CURRENT N.E.C.
ELECTRICAL CODE - CURRENT N.E.C.

ALTERNATE CONDITIONS:

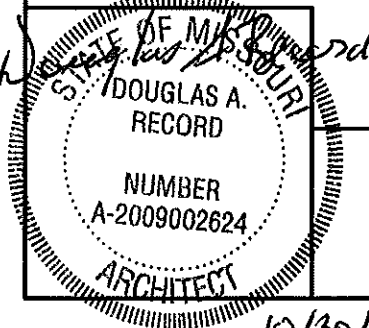
THE VARYING MAKEUP OF SOILS AND OCCURRENCE OF ROCK IN MANY MODOT DISTRICTS MAY REQUIRE CONSIDERABLE REDESIGN OF THE POST PLACEMENT BELOW GRADE FROM THAT SHOWN IN THESE DRAWINGS. THE BIDDER WILL BE RESPONSIBLE FOR OBTAINING ACCURATE INFORMATION FROM THE DISTRICTS FACILITIES MANAGER (I.E. DRILLINGS OR 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.

REQUIRED BUILDING ELEMENTS:

2 x 6 WALL GIRTS - #2 SYP OR EQUAL.
FINISH COAT ON 26 GAUGE METAL SIDING TO BE FLOUROPOLYMER (KYNAR 500 OR EQUAL. POLYESTER IS NOT 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.

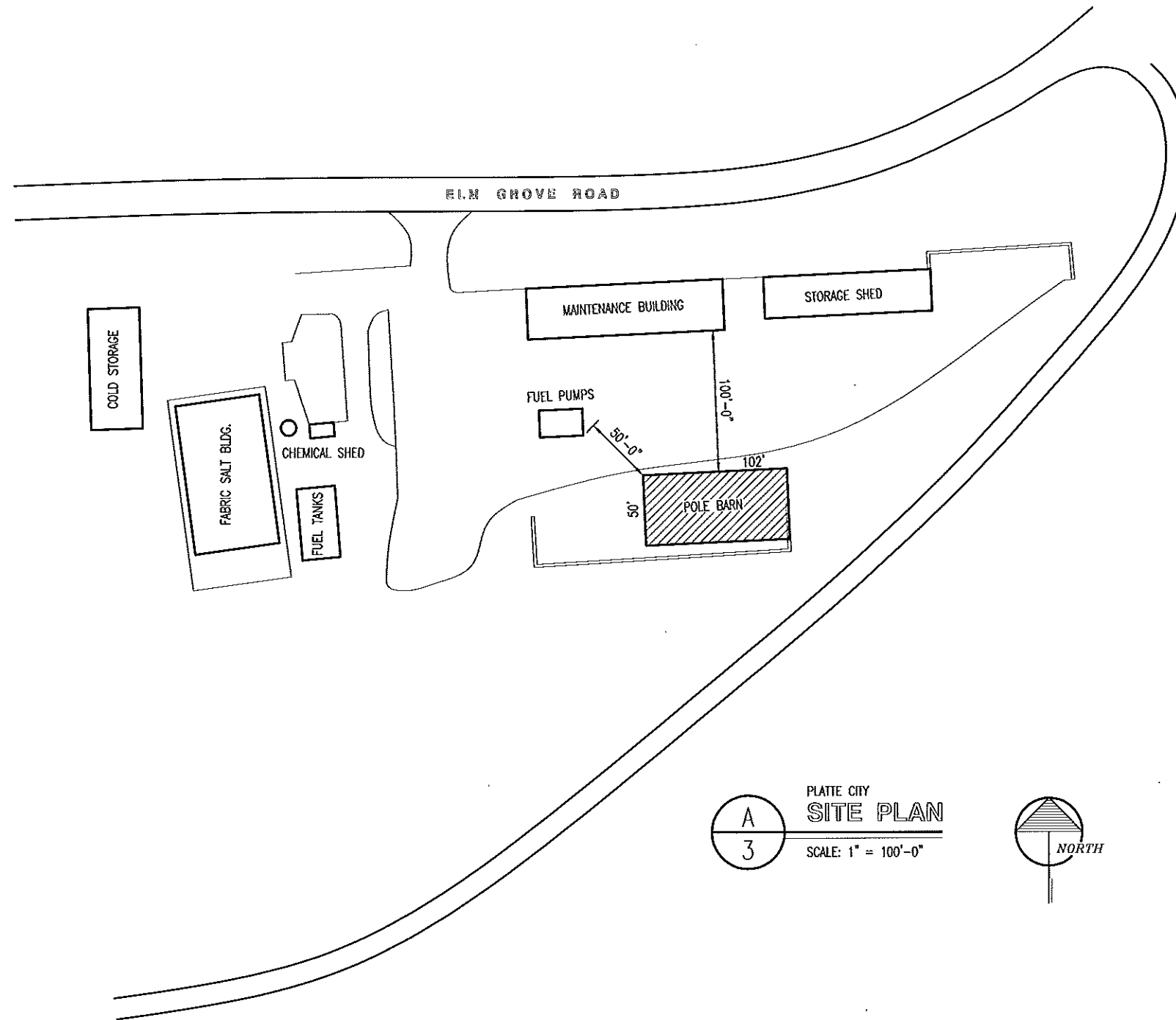


COVER SHEET

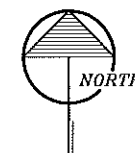
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
Clay & Platte Counties

DRAWN BY: LARRY CARVER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet
1 of 11



PLATTE CITY
SITE PLAN
SCALE: 1" = 100'-0"



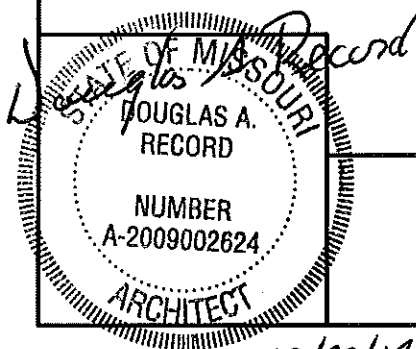
GRADING NOTES: SKILES AND PLATTE CITY

CONTRACTOR WILL BE RESPONSIBLE FOR:

- EXCAVATION OF THE SUB GRADE FOR THE 6" TYPE 5 ROCK.
- EXCAVATING OF COLUMN PIERS. STORE EXTRA MATERIAL ON SITE.
- ALL BACK FILL MATERIAL INSIDE AND OUTSIDE NEW BUILDING AS REQUIRED.
- ALL FILL, BACK FILL & SUB GRADE MATERIAL AS REQUIRED.
- FINISHED GRADE TO DRAIN AWAY FROM BUILDINGS.
- PROVIDE FINISHED GRADE MATERIAL DISTURBED DURING CONSTRUCTION TO MATCH EXISTING.
- VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION.

MODOT WILL BE RESPONSIBLE FOR:

- STAKED POLE BARN CORNERS.
- LEVELED POLE BARN FOOTPRINT.
- REMOVING RETAINING WALL AT EAST END OF PLATTE CITY POLE BARN.



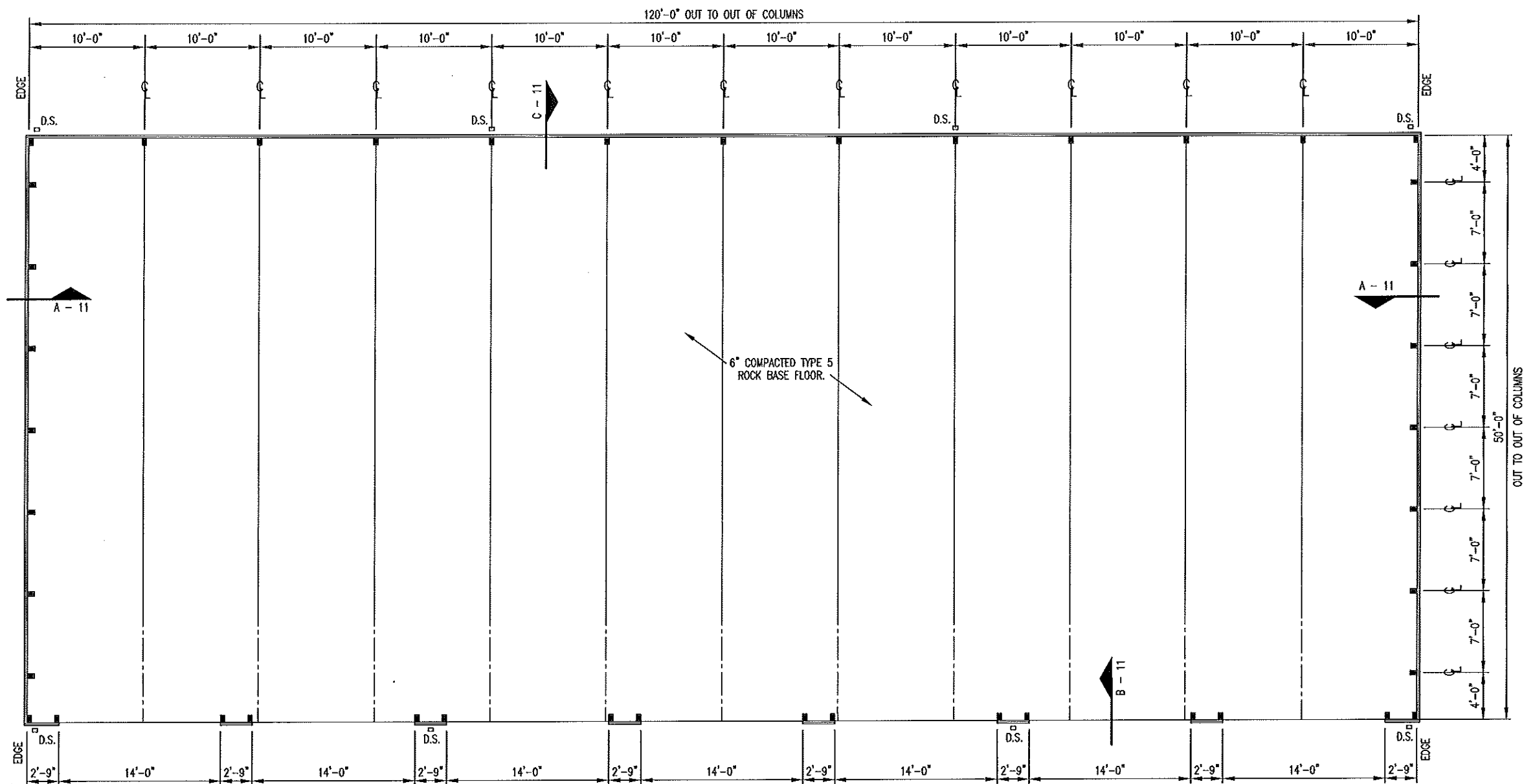
10/30/13

PLATTE CITY SITE PLAN

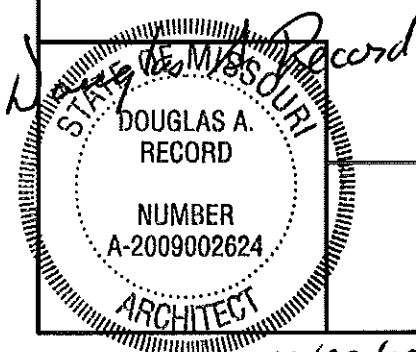
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

New Pole Barns in Kansas City District for:
KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
Clay & Platte Counties

DRAWN BY: LARRY CARVER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet
3 of 11



KANSAS CITY (SKILES)
FLOOR PLAN
 SCALE: 3/32" = 1'-0"



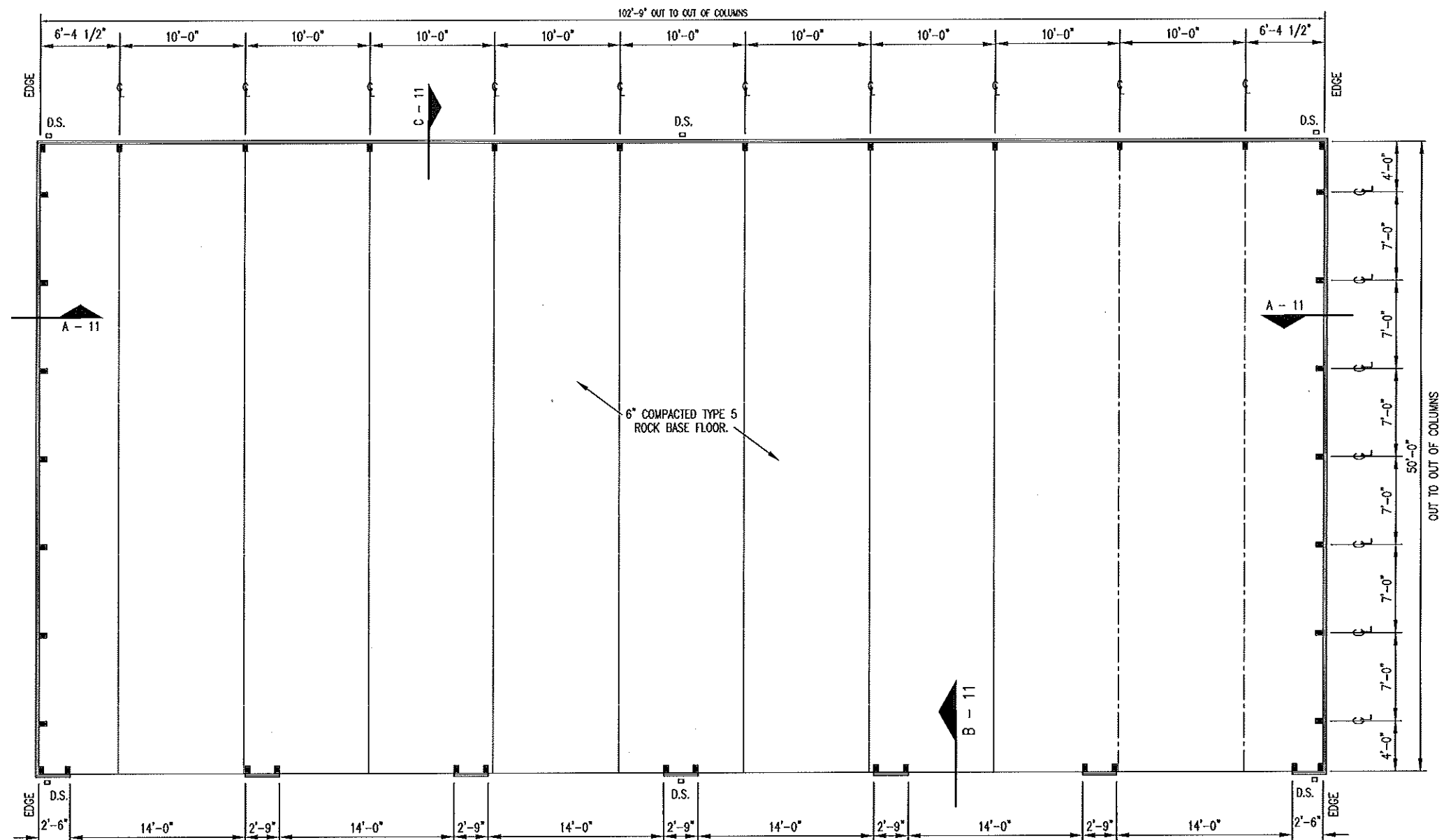
Kansas City (Skiles) Floor Plan

MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
 KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
 Clay & Platte Counties

DRAWN BY: LARRY CARVER
 CHECK BY: DOUG RECORD
 DATE: 10-24-13
 Sheet 4 of 11

10/30/13



PLATTE CITY
FLOOR PLAN
 SCALE: 3/32" = 1'-0"

STATE OF MISSOURI
Douglas A. Record
 DOUGLAS A. RECORD
 NUMBER
 A-2009002624
 ARCHITECT
 10/30/13

PLATTE CITY FLOOR PLAN

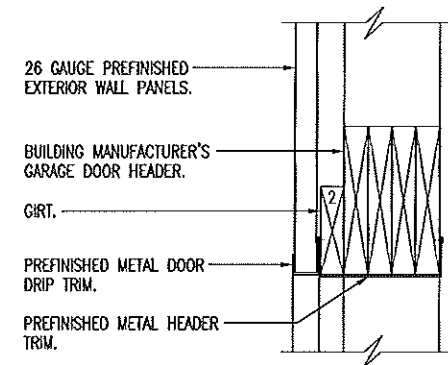
MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
 KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
 Clay & Platte Counties

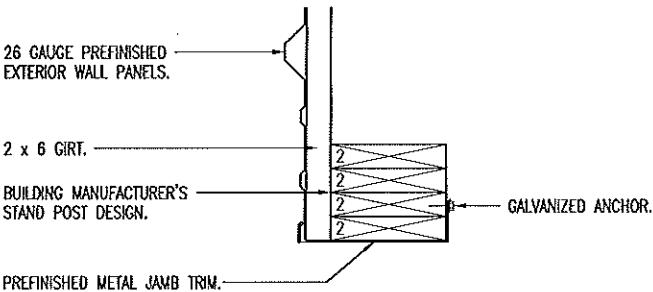
DRAWN BY: LARRY CARVER
 CHECK BY: DOUG RECORD
 DATE: 10-24-13
 Sheet
 5 of 11

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.



A
6
GARAGE DOOR HEAD
SCALE: 1" = 1'-0"



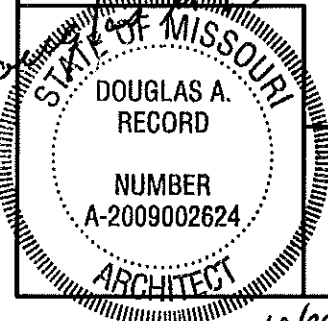
B
6
GARAGE DOOR JAMB
SCALE: 1" = 1'-0"

DETAILS

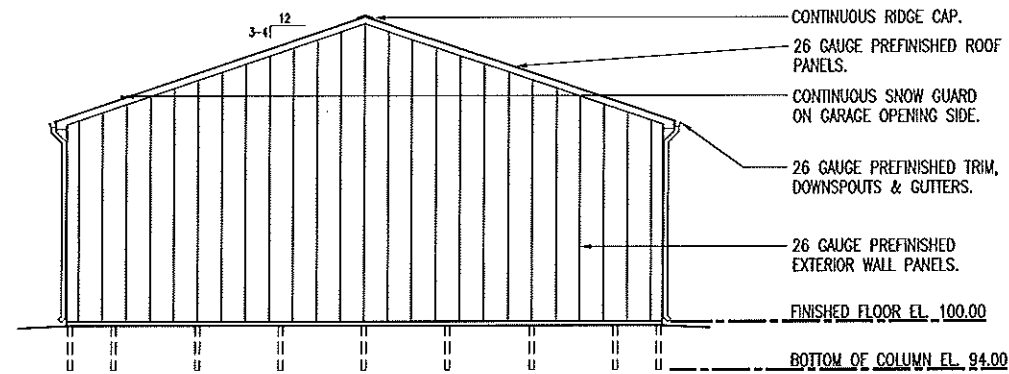
MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
Clay & Platte Counties

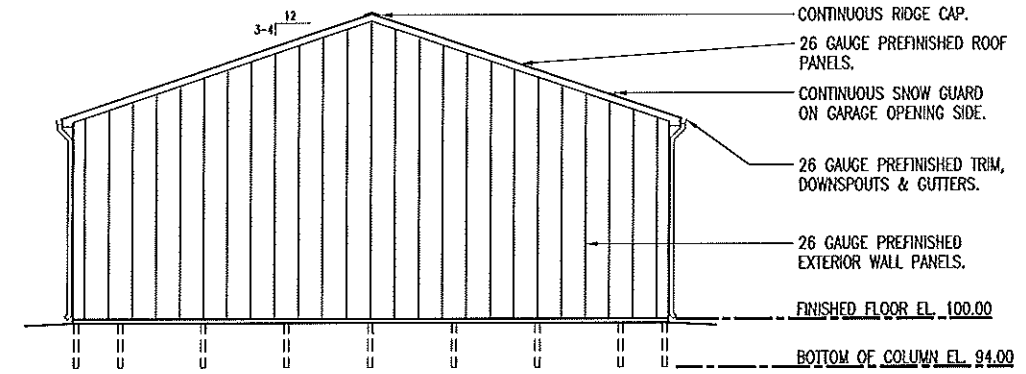
DRAWN BY: LARRY CARVER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet
6 of 11



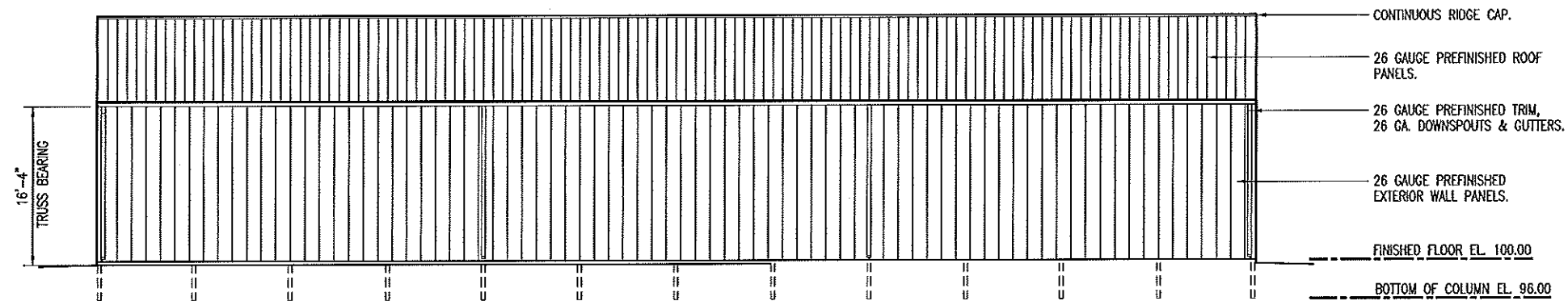
10/30/13



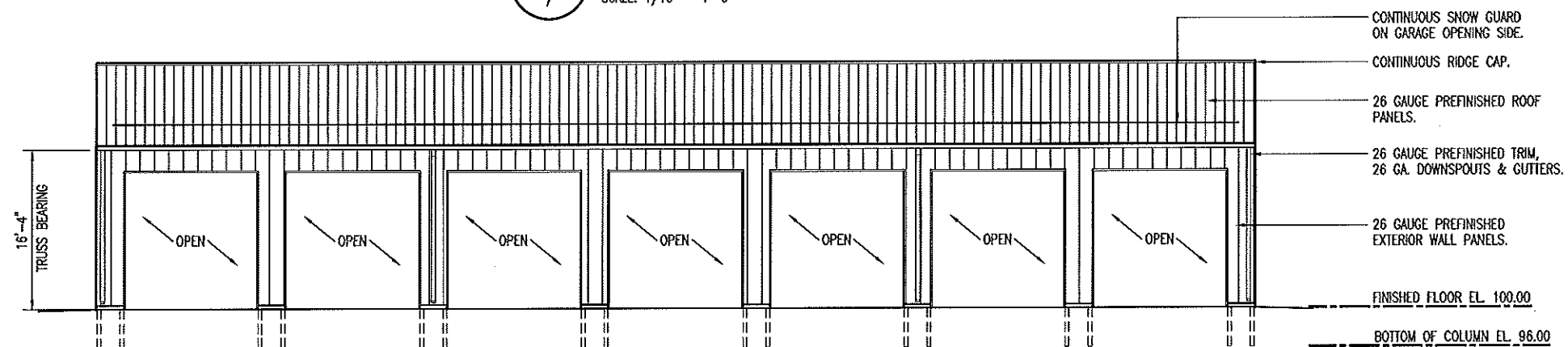
KANSAS CITY (SKILES)
C
 7
LEFT ELEVATION
 SCALE: 1/16" = 1'-0"



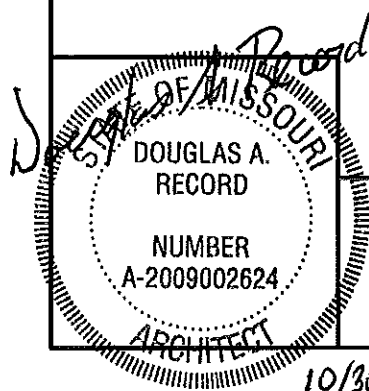
KANSAS CITY (SKILES)
D
 7
RIGHT ELEVATION
 SCALE: 1/16" = 1'-0"



KANSAS CITY (SKILES)
B
 7
REAR ELEVATION
 SCALE: 1/16" = 1'-0"



KANSAS CITY (SKILES)
A
 7
FRONT ELEVATION
 SCALE: 1/16" = 1'-0"



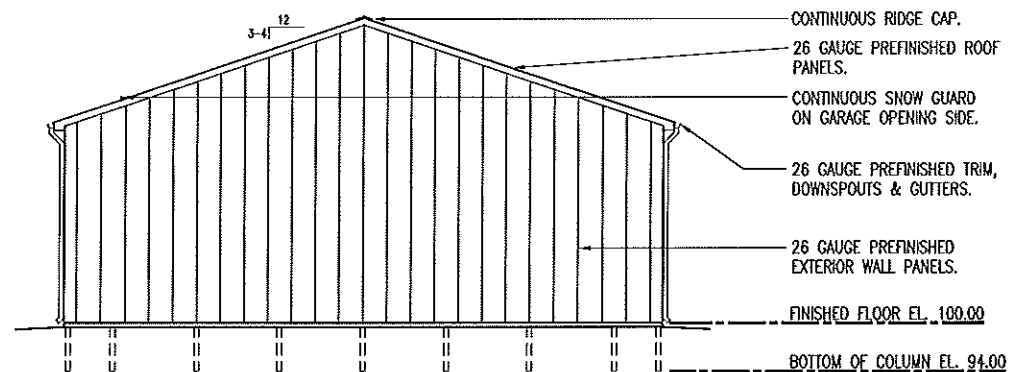
Kansas City (Skiles) Elevations

MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

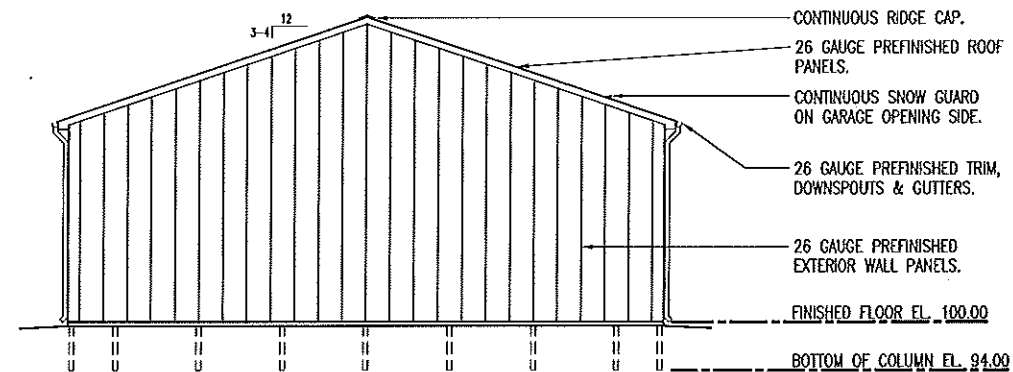
New Pole Barnes in Kansas City District for:
 KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
 Clay & Platte Counties

DRAWN BY: LARRY CARMER
 CHECK BY: DOUG RECORD
 DATE: 10-24-13
 Sheet
 7 of 11

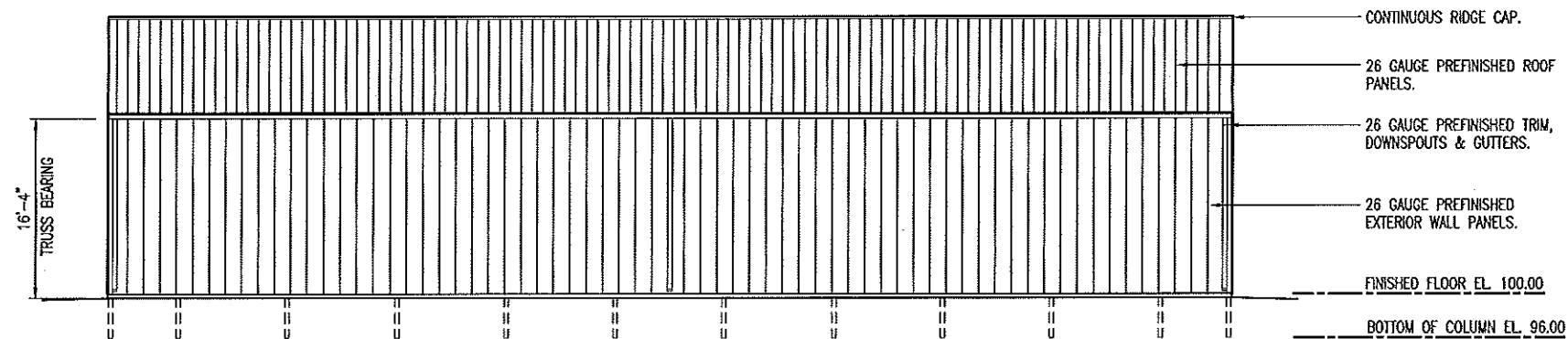
10/30/13



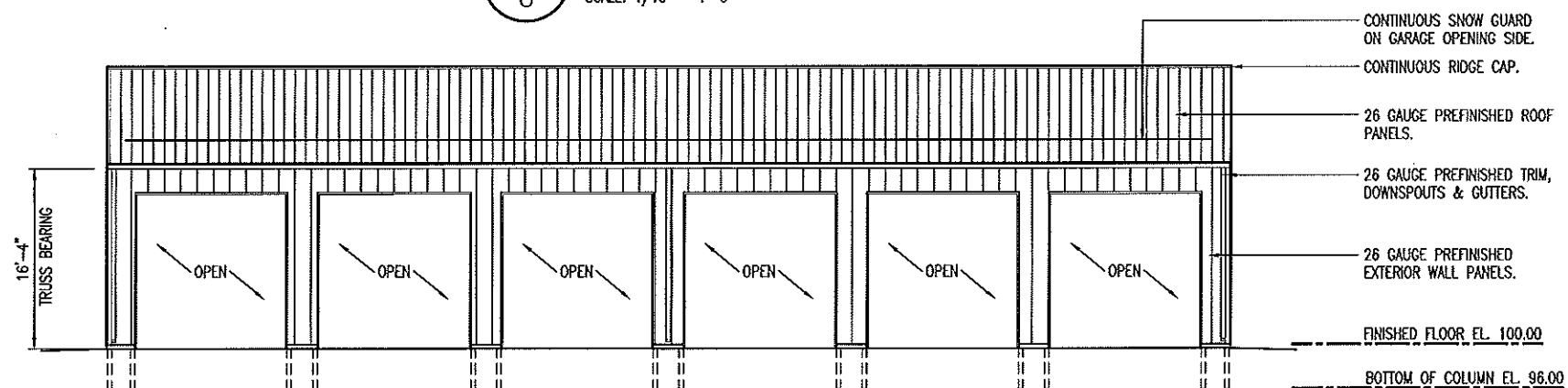
C
8
PLATTE CITY
LEFT ELEVATION
SCALE: 1/16" = 1'-0"



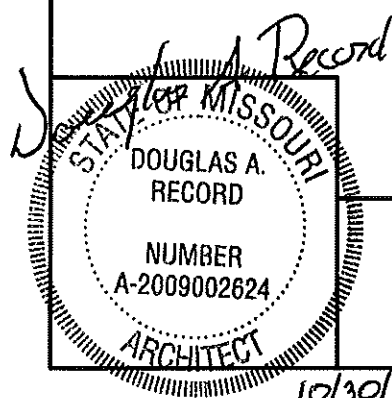
D
8
PLATTE CITY
RIGHT ELEVATION
SCALE: 1/16" = 1'-0"



B
8
PLATTE CITY
REAR ELEVATION
SCALE: 1/16" = 1'-0"



A
8
PLATTE CITY
FRONT ELEVATION
SCALE: 1/16" = 1'-0"



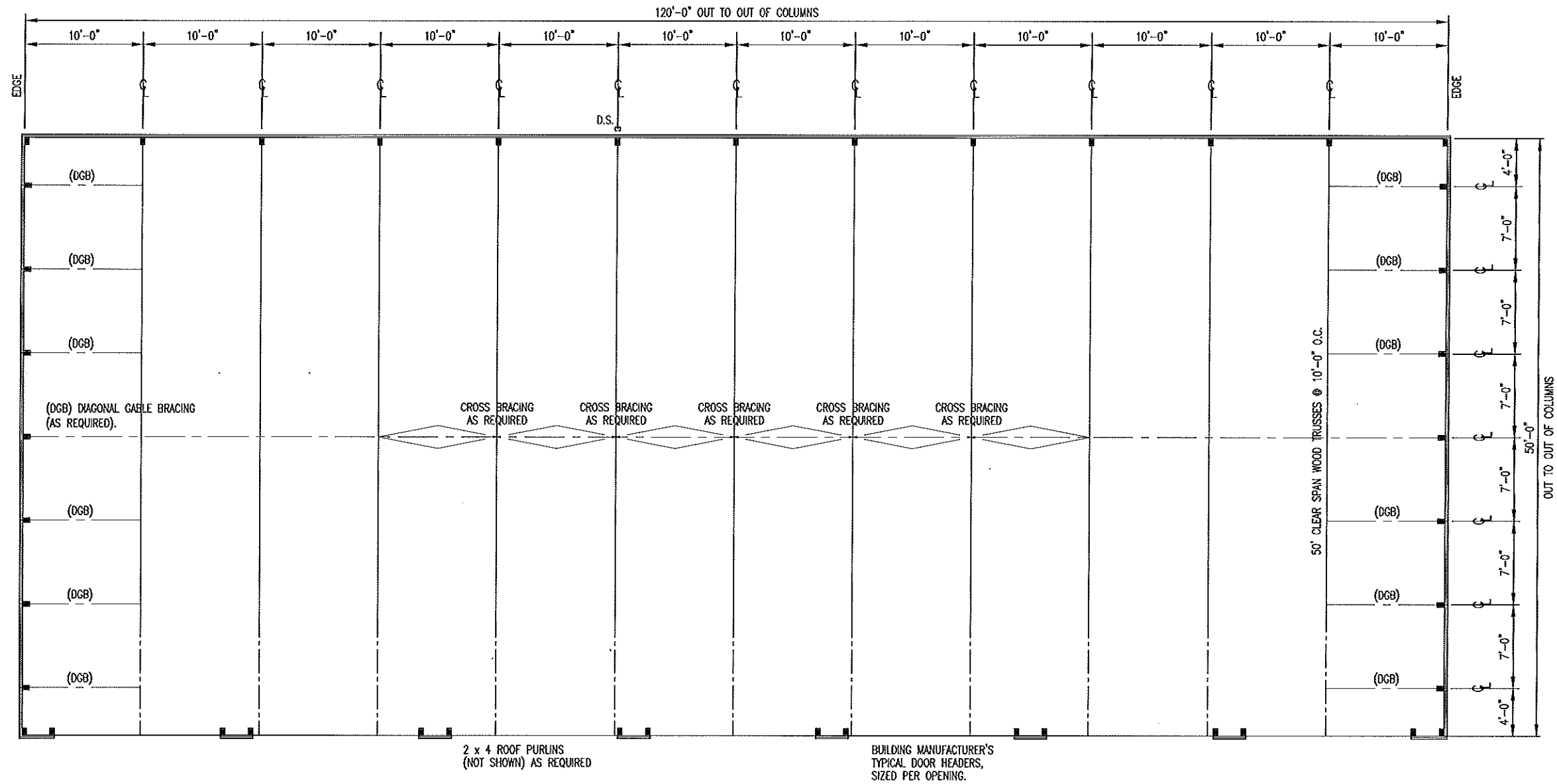
PLATTE CITY ELEVATIONS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
Clay & Platte Counties

DRAWN BY: LARRY CARYER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet
8 of 11

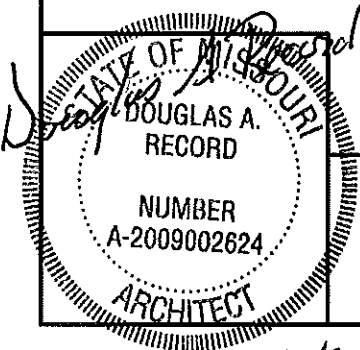
10/30/13



KANSAS CITY (SKILES)
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 20 PSF
 EARTHQUAKE ZONE 1, LATEST EDITION IBC
 WIND 10 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.



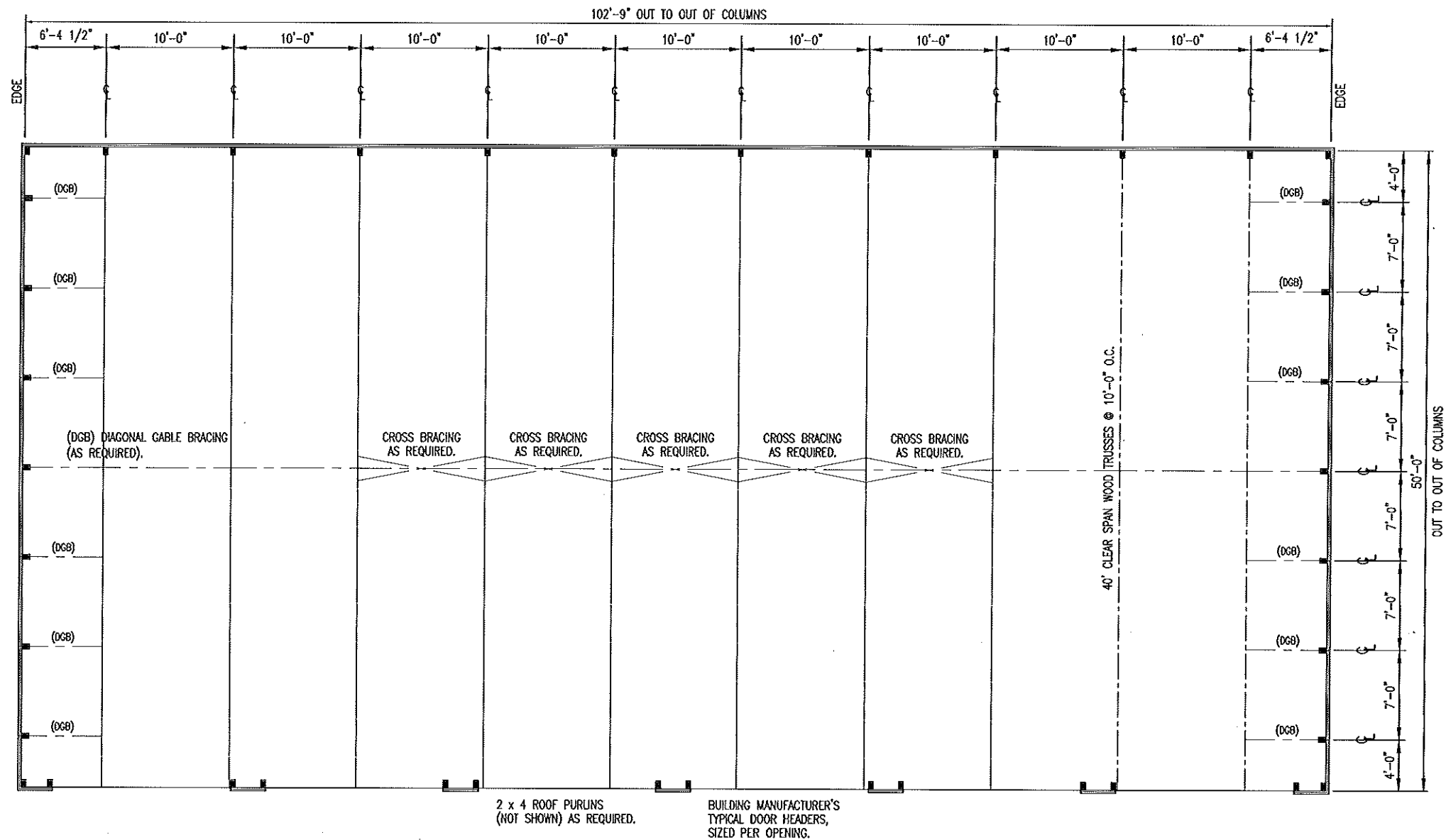
10/30/13

Skiles Roof Framing Plan

MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
 KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
 Clay & Platte Counties

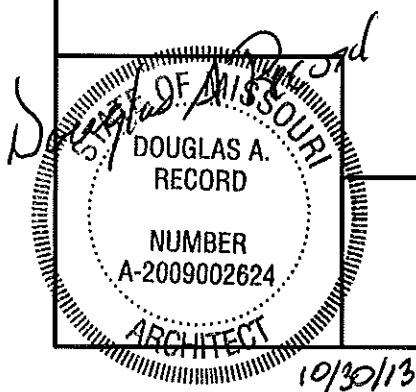
DRAWN BY: LARRY CARVER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet 9 of 11



PLATTE CITY
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 20 PSF
 EARTHQUAKE ZONE 1, LATEST EDITION IBC
 WIND 10 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.

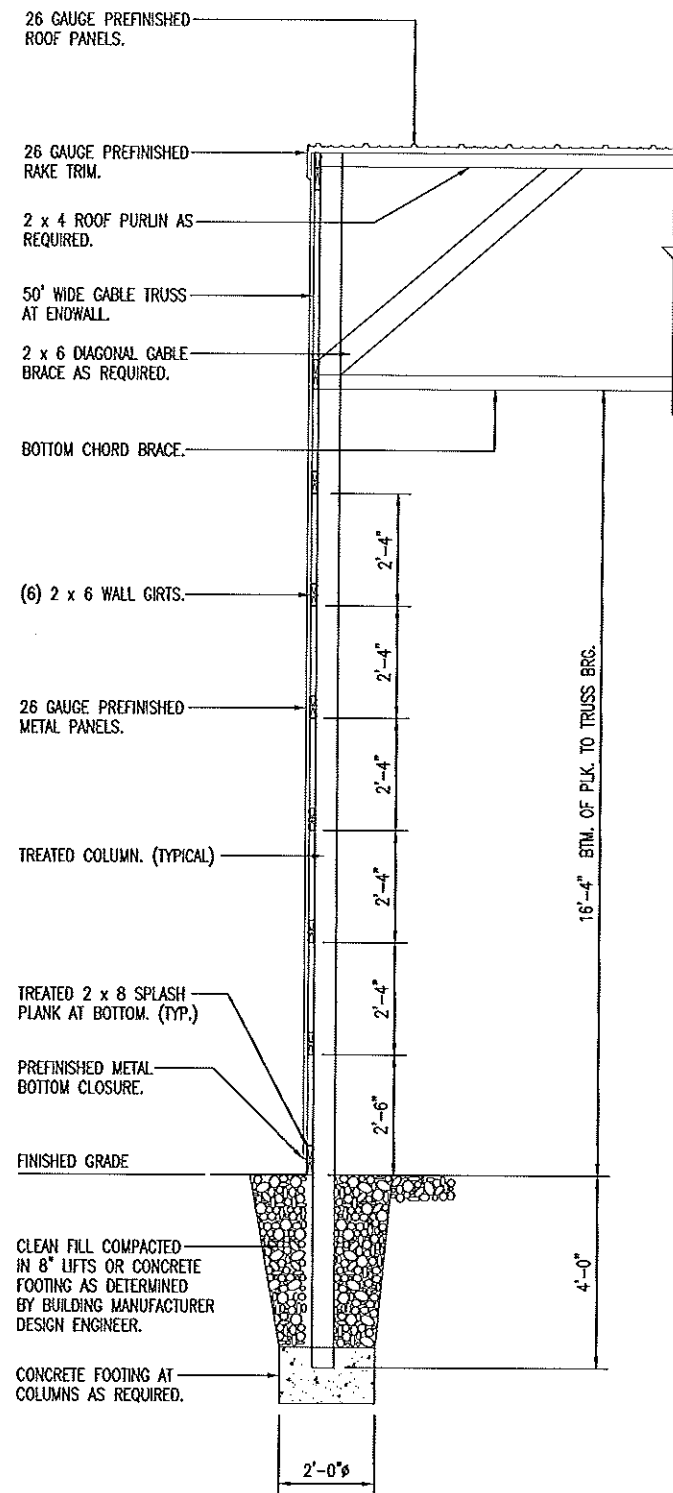


Platte City Roof Framing Plan

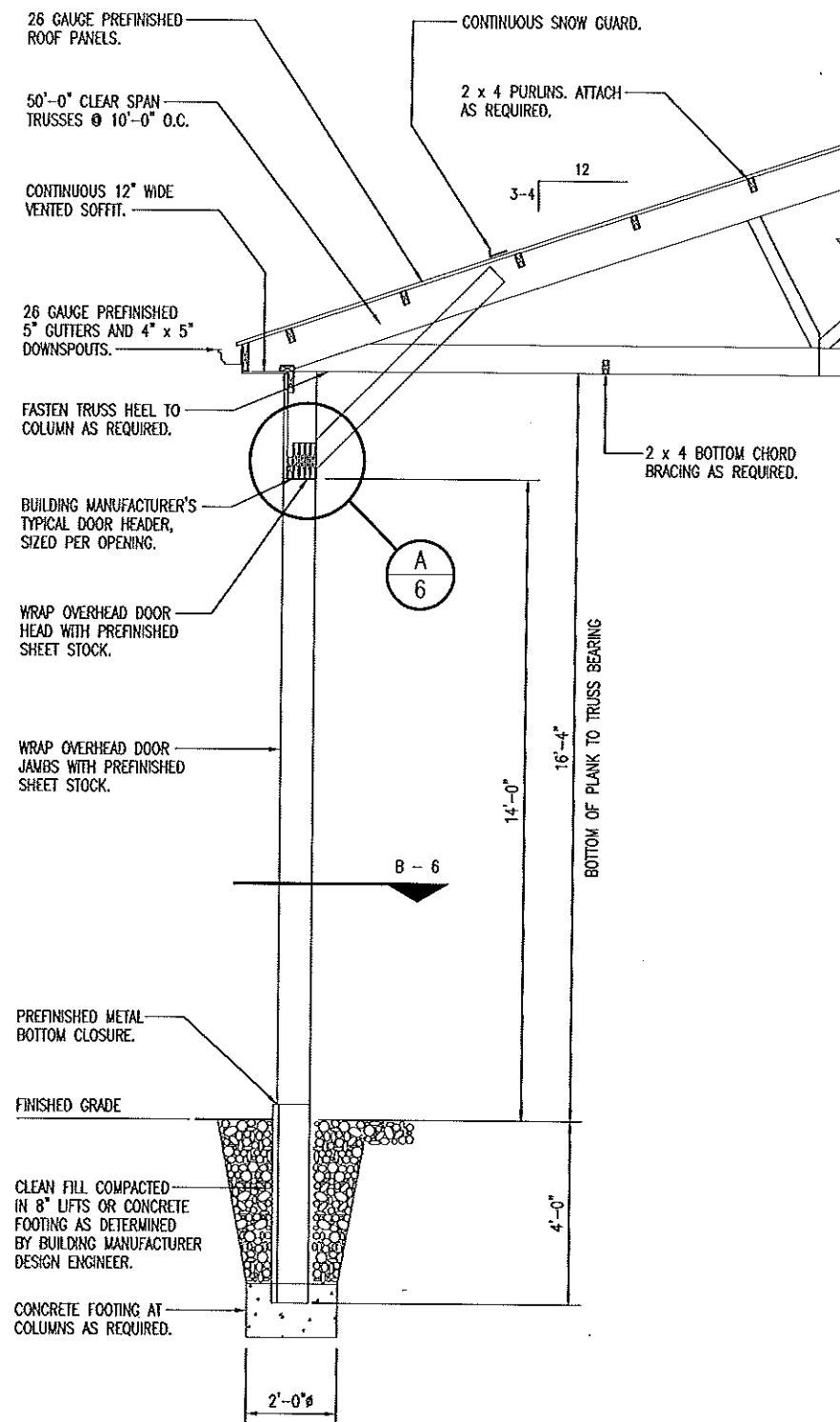
MISSOURI DEPARTMENT
 OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
 KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
 Clay & Platte Counties

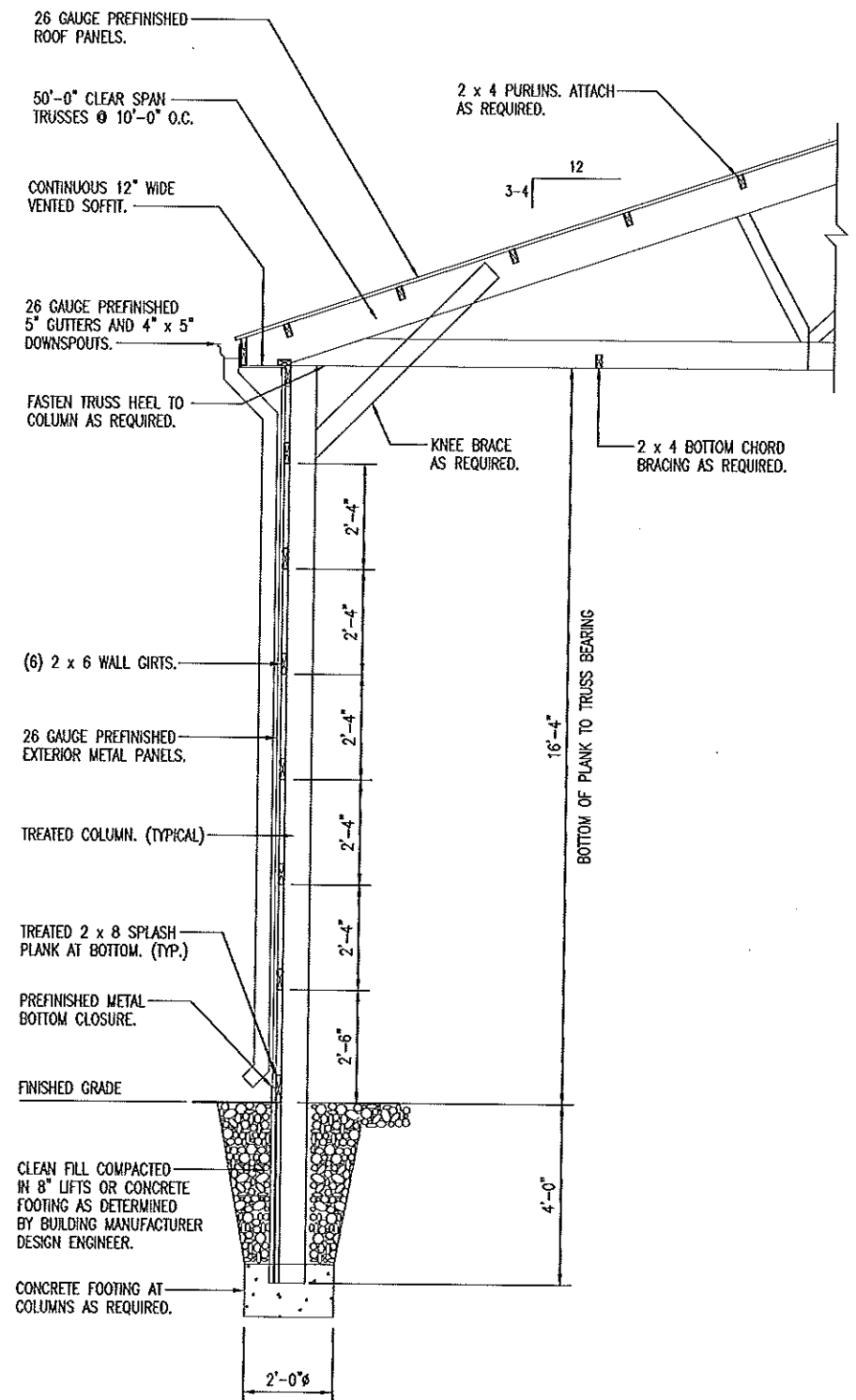
DRAWN BY: LARRY CARVER
 CHECK BY: DOUG RECORD
 DATE: 10-24-13
 Sheet 10 of 11



A
11
ENDWALL SECTION
SCALE: 1/4" = 1'-0"



B
11
OPEN OVERHEAD DOOR SECTION
SCALE: 1/4" = 1'-0"



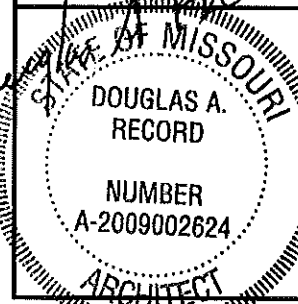
C
11
SIDEWALL SECTION
SCALE: 1/4" = 1'-0"

WALL SECTIONS

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

New Pole Barnes in Kansas City District for:
KANSAS CITY (SKILES) AND PLATTE CITY, MISSOURI
Clay & Platte Counties

DRAWN BY: LARRY CARNER
CHECK BY: DOUG RECORD
DATE: 10-24-13
Sheet
11 of 11



10/30/13