

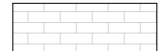




GENERAL NOTES

ROOFS:
USE ICE AND WATER SHIELD AT ALL ROOF PLANES SLOPED BELOW 4:12

SEE FLOOR PLANS, ROOF PLAN, AND/OR ROOF FRAMING DETAIL SHEET FOR PLATE HEIGHTS AT RAFTER AND/OR TRUSS BEARING LOCATIONS

ROOF VENTILATION
SEE ROOF PLANS FOR ATTIC VENTILATION CALCULATIONS

EXTERIOR MATERIALS

-  MASONRY BRICK AS SPEC'D BY BUILDER
-  FIBER CEMENT SHAKE SIDING AS SPEC'D BY BUILDER
-  FIBER CEMENT BOARD & BATTEN SIDING AS SPEC'D BY BUILDER
-  FIBER CEMENT HORIZONTAL SIDING AS SPEC'D BY BUILDER
-  ASPHALT SHINGLES AS SPEC'D BY BUILDER

REQUIRED FLASHING

- 1) ALL MATERIAL CHANGE INTERSECTIONS
- 2) ALL WINDOW / DOOR OPENINGS
- 3) ALL ROOF VALLEYS.

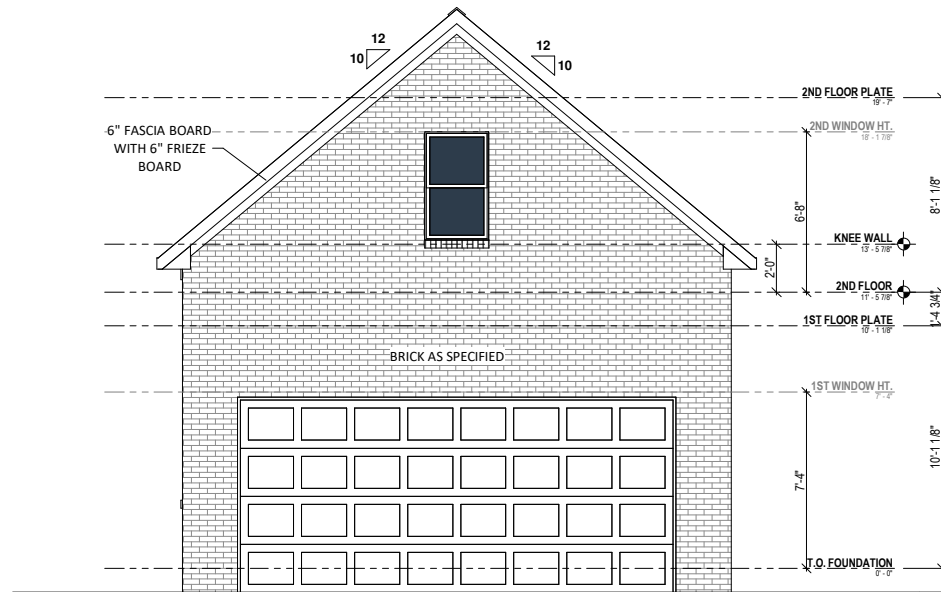
BUILDER TO VERIFY ON SITE FLASHING IS INSTALLED TO MEET CODE REQUIREMENTS

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
HOUSE DESIGNED FOR 100 MPH 3 SECOND GUST (85 FASTEST WIND), EXPOSURE B

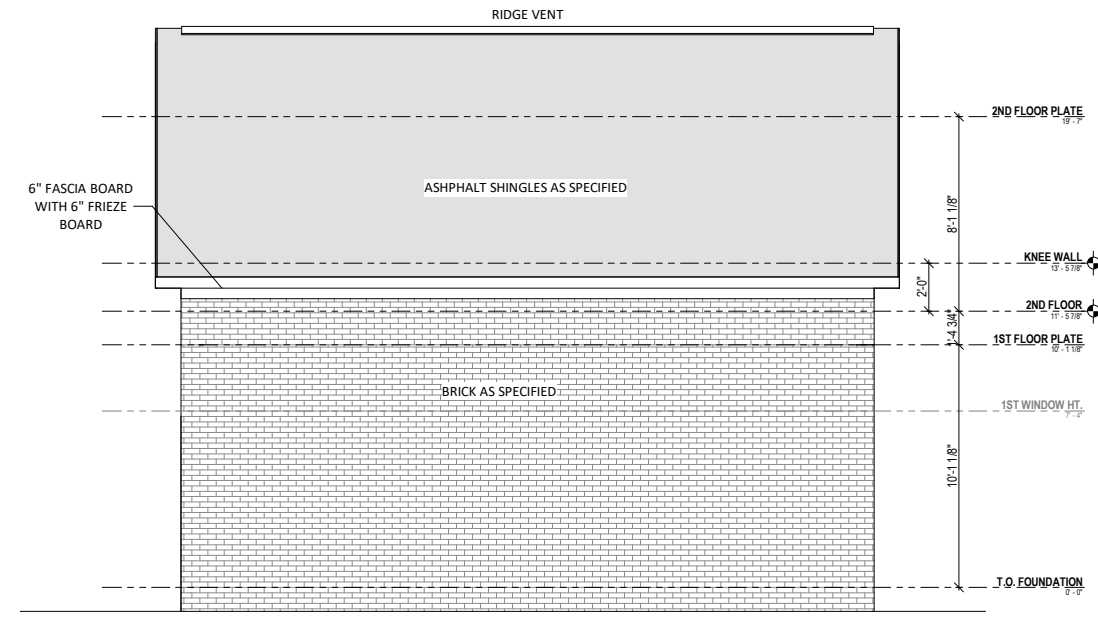
ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF THE CORNER.

WALL BRACING IS PER THE PRESCRIPTIVE CONTINUOUS SHEATHING METHOD, (R602), PROVIDING MIN 7/16" OSB W/ 6" EDGE AND 12" FIELD FASTENING.

NOTE: DRAFTER IS NOT RESPONSIBLE FOR THE STRUCTURAL CALCULATIONS FOR THIS CONSTRUCTION PLAN SET. ALL STRUCTURAL DESIGN ELEMENTS, INCLUDING BUT NOT LIMITED TO, BEAM SIZES, FLOOR SPANS, STUD COLUMNS AND FOOTING SIZES, ARE TO BE VERIFIED BY THE BUILDER AND/OR ENGINEER

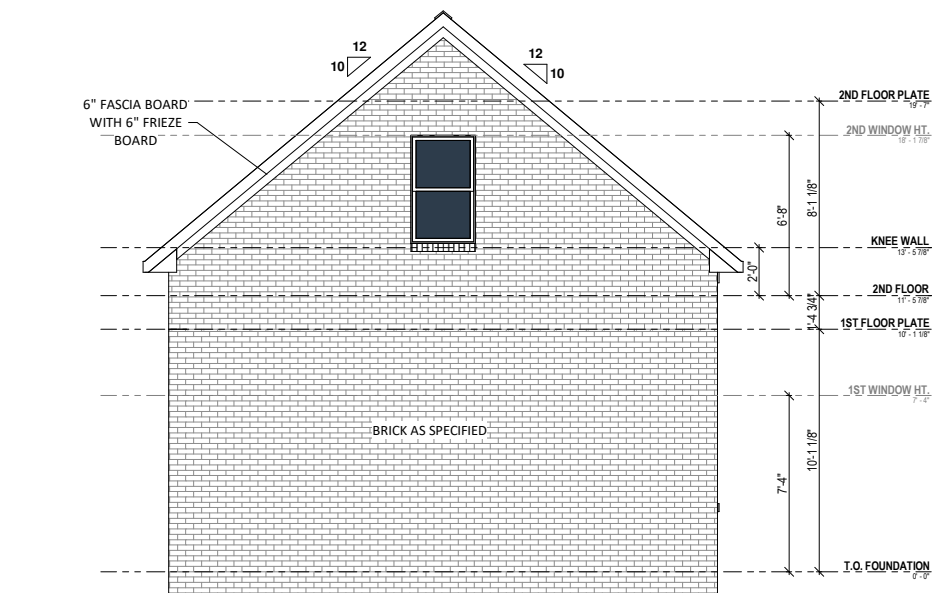
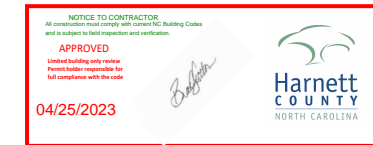


1 FRONT ELEVATION
A1 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

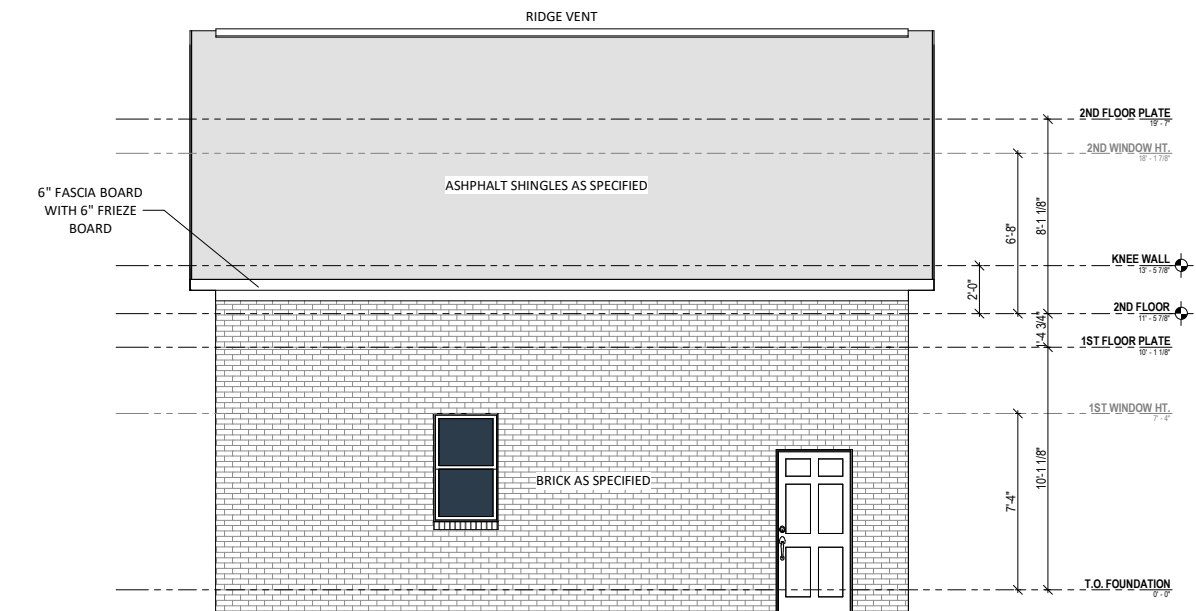


2 RIGHT ELEVATION
A1 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

SQUARE FOOTAGE	
Description	Area
Garage	616 SF
2nd Floor Storage	376 SF



3 REAR ELEVATION
A1 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE



4 LEFT ELEVATION
A1 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

Cardinal Buildings, LLC

1641 East US 70 Br.
Garner, NC 27529
info@cardinalbuildingsllc.com
919-771-2833

22 x 28 Garage (Brick)

Neal Walker - 186 Huntington Dr

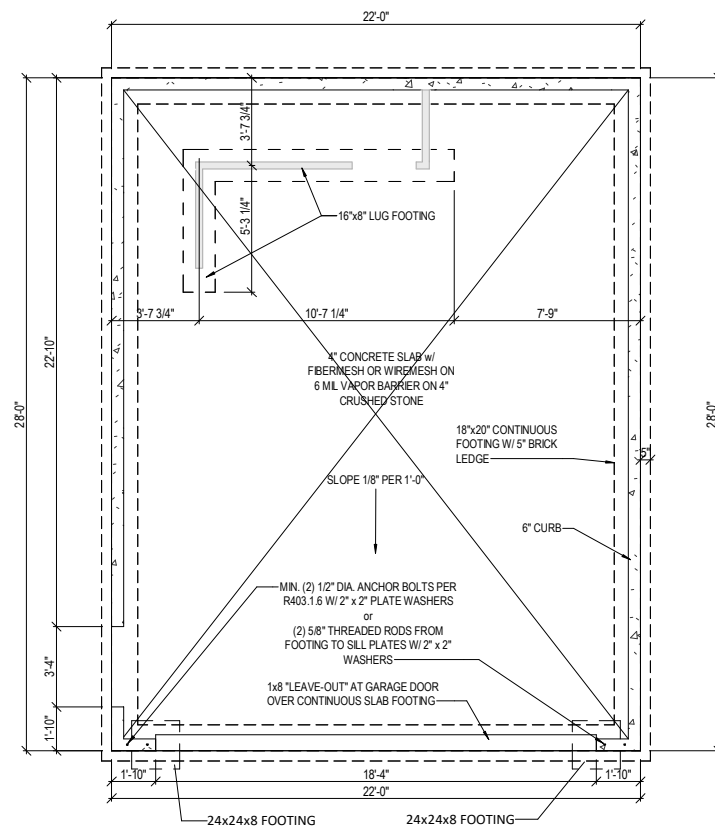
Front Elevation

Date: 03/21/2023

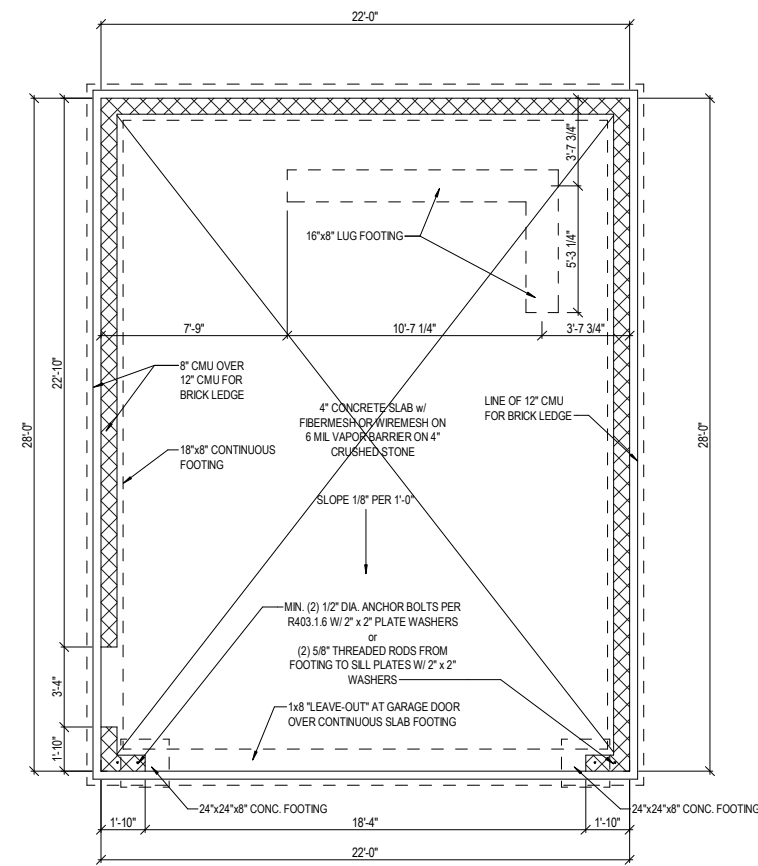
Drawn By: rdc

Checked By: rdc

A1



1 Mono Foundation
 A2 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE



2 Stemwall Slab
 A2 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

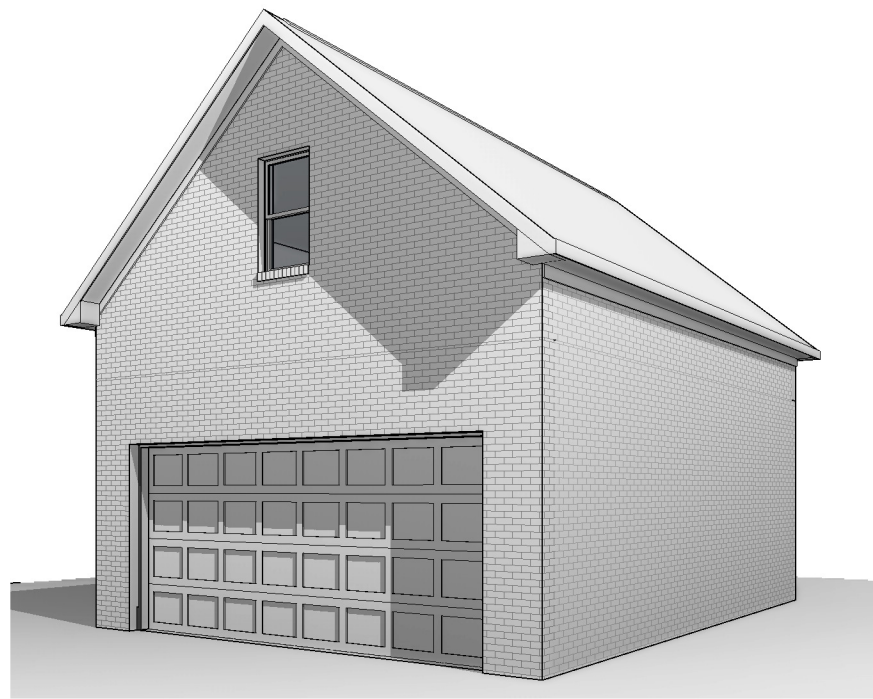
NOTE: DRAFTER IS NOT RESPONSIBLE FOR THE STRUCTURAL CALCULATIONS FOR THIS CONSTRUCTION PLAN SET. ALL STRUCTURAL DESIGN ELEMENTS, INCLUDING BUT NOT LIMITED TO, BEAM SIZES, FLOOR SPANS, STUD COLUMNS AND FOOTING SIZES, ARE TO BE VERIFIED BY THE BUILDER AND/OR ENGINEER

Cardinal Buildings, LLC
 1641 East US 70 Br.
 Garner, NC 27529
 info@cardinalbuildingsllc.com
 919-771-2833

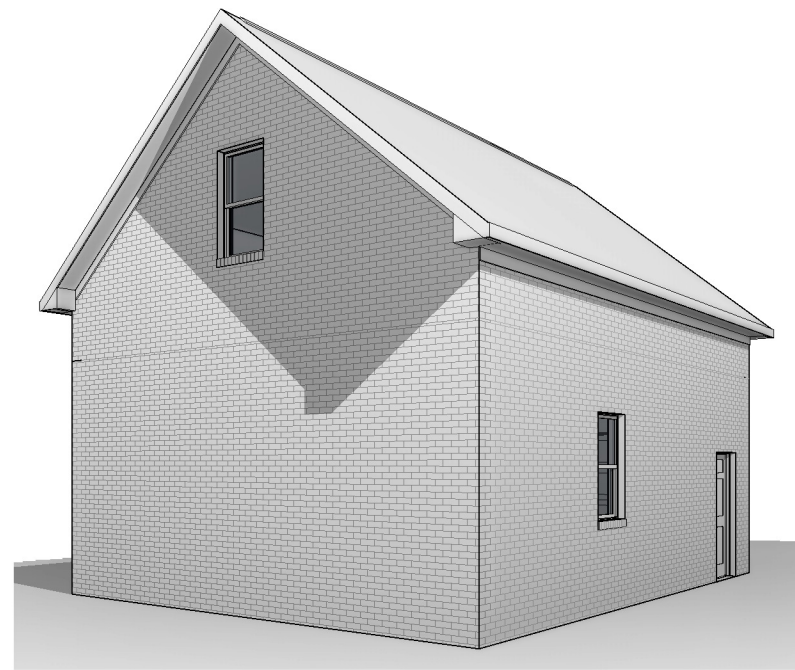
22 x 28 Garage (Brick)
Neal Walker - 186 Huntington Dr
Foundation

Date: 03/21/2023	rdc
Drawn By:	rdc
Checked By:	rdc

A2



Perspective 1



Perspective 2

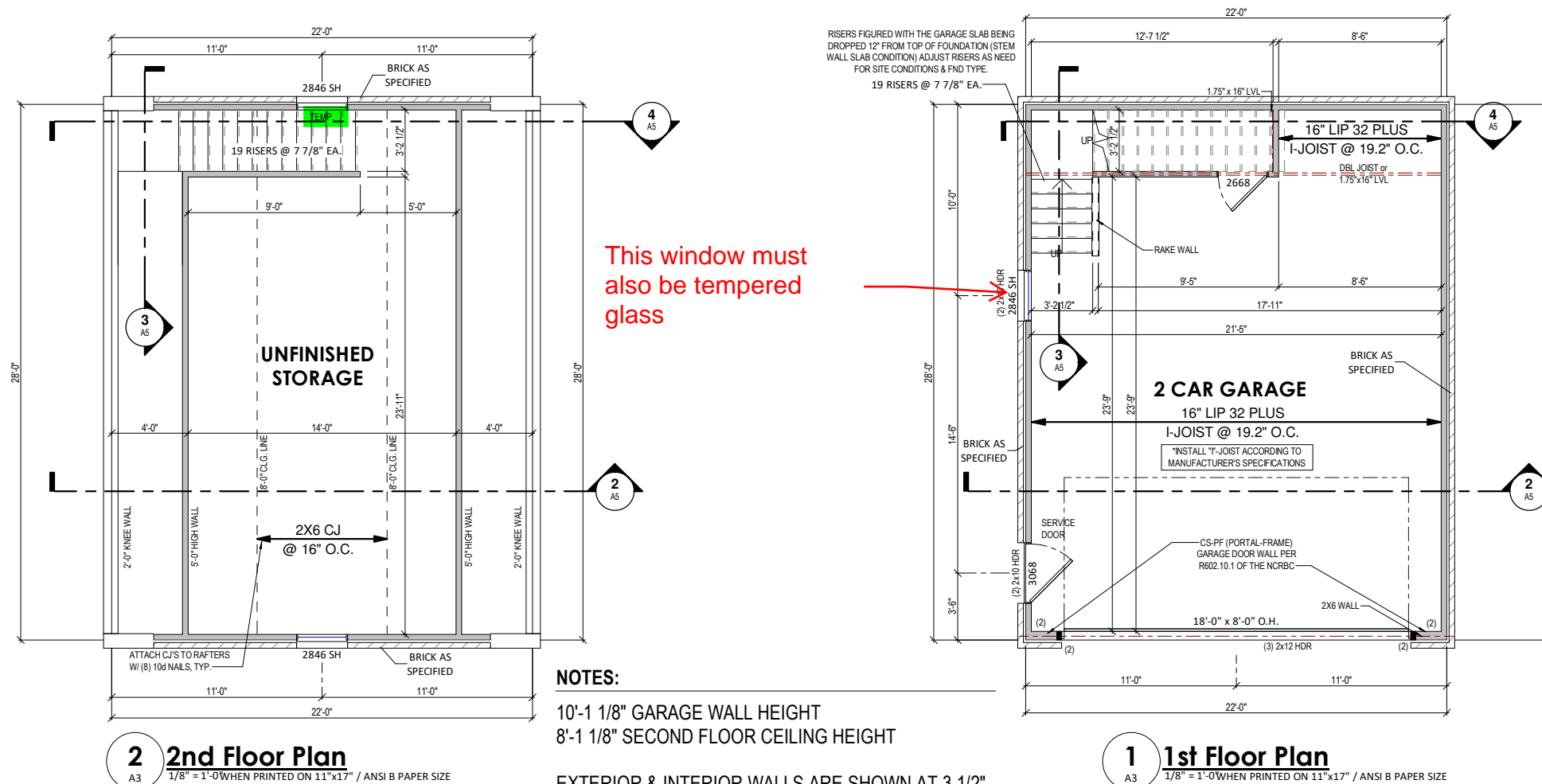
SQUARE FOOTAGE	
Description	Area
Garage	616 SF
2nd Floor Storage	376 SF

HEADER SCHEDULE:

SPAN	SIZE
Less than 3'-0"	(2) 2 x 4
3'-0" to 4'-0"	(2) 2 x 6
4'-0" to 5'-0"	(2) 2 x 8
5'-0" to 8'-0"	(2) 2 x 10

** ALL EXTERIOR OR LOAD BEARING HEADERS SHALL BE (2) 2 x 10 UNLESS OTHERWISE NOTED

NOTE: NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET



This window must also be tempered glass

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE HOUSE DESIGNED FOR 100 MPH 3 SECOND GUST (85 FASTEST WIND), EXPOSURE B

ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF THE CORNER.

WALL BRACING IS PER THE PRESCRIPTIVE CONTINUOUS SHEATHING METHOD, (R602), PROVIDING MIN 7/16" OSB W/ 6" EDGE AND 12" FIELD FASTENING.

NOTE: DRAFTER IS NOT RESPONSIBLE FOR THE STRUCTURAL CALCULATIONS FOR THIS CONSTRUCTION PLAN SET. ALL STRUCTURAL DESIGN ELEMENTS, INCLUDING BUT NOT LIMITED TO, BEAM SIZES, FLOOR SPANS, STUD COLUMNS AND FOOTING SIZES, ARE TO BE VERIFIED BY THE BUILDER AND/OR ENGINEER

NOTES:
10'-1 1/8" GARAGE WALL HEIGHT
8'-1 1/8" SECOND FLOOR CEILING HEIGHT

EXTERIOR & INTERIOR WALLS ARE SHOWN AT 3 1/2" (TYP)

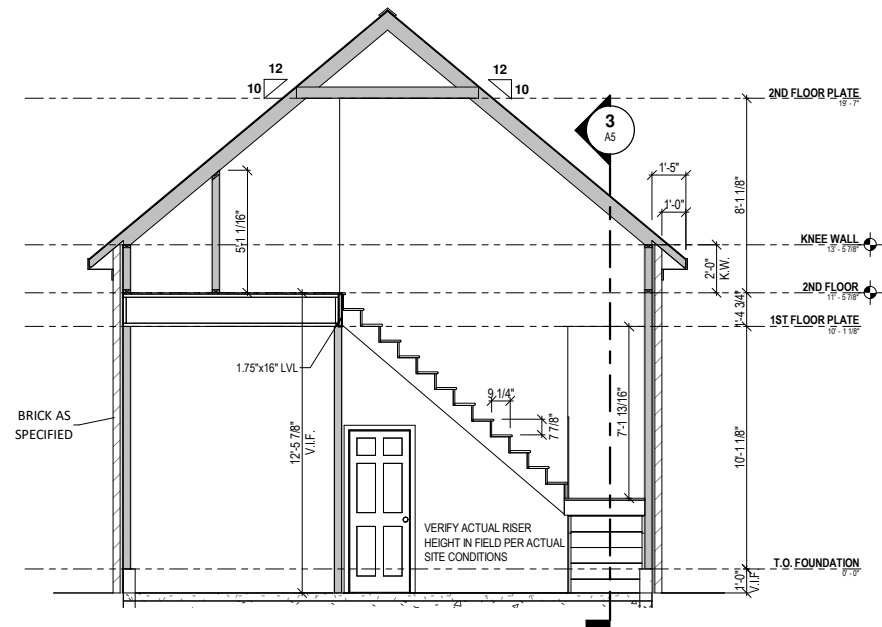
ALL FRAMING MEMBERS (JOIST, GIRDERS AND HEADERS) ARE #2 S.P.F. UNLESS NOTED OTHERWISE

Cardinal Buildings, LLC
1641 East US 70 Br.
Garner, NC 27529
info@cardinalbuildingsllc.com
919-771-2833

22 x 28 Garage (Brick)
Neal Walker - 186 Huntington Dr
First Floor Plan

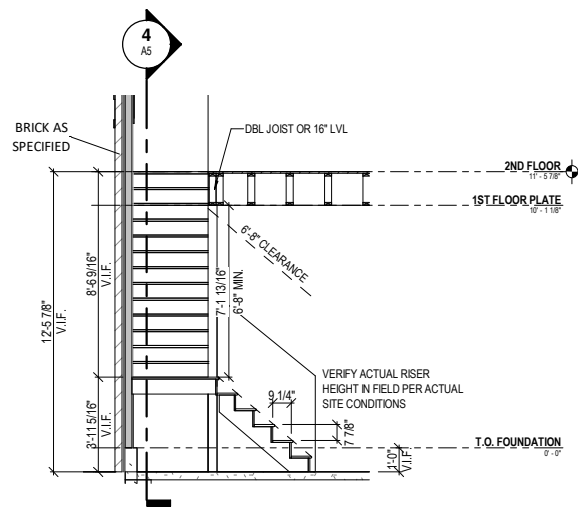
Date: 03/21/2023
Drawn By: rdc
Checked By: rdc

A3

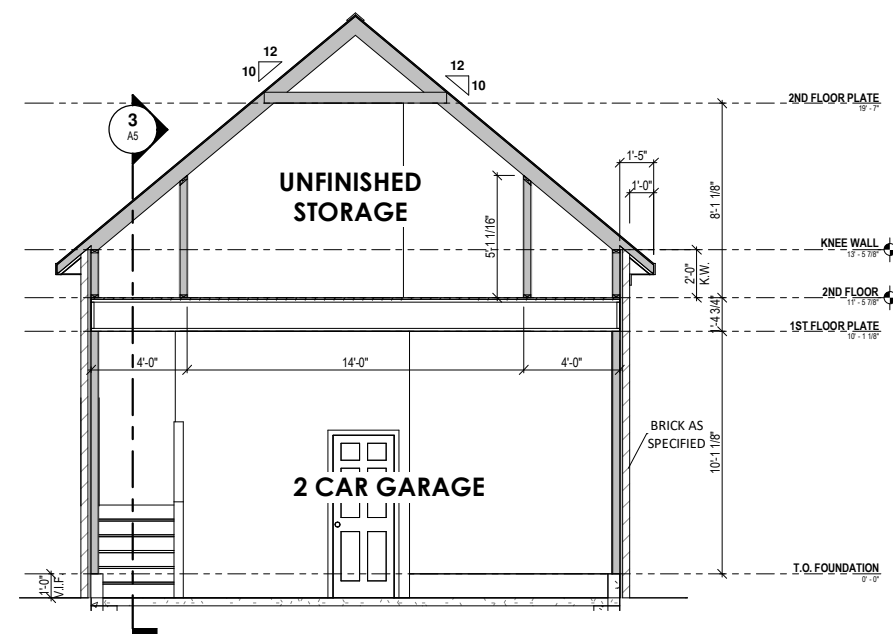


4 Stair Section 2
 A5 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

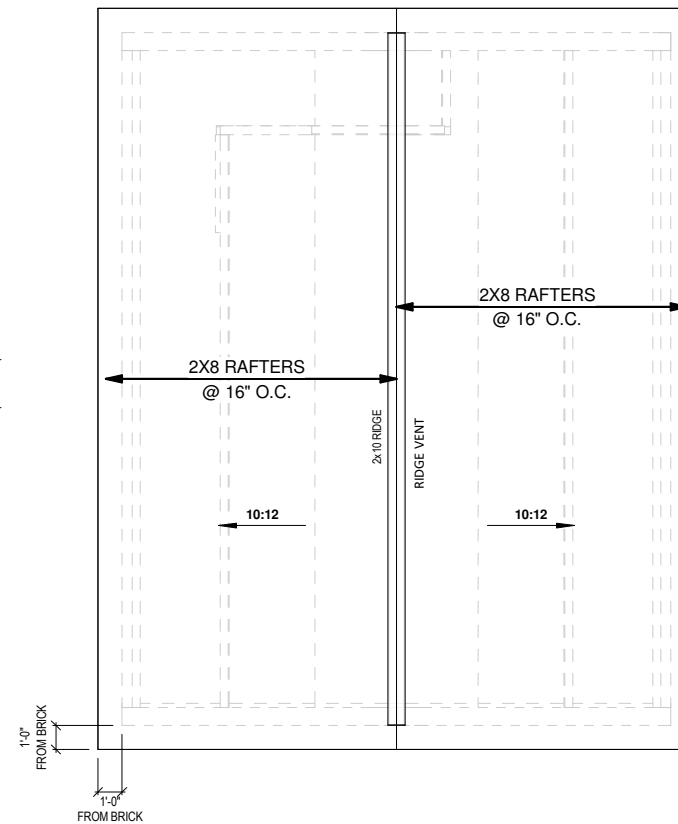
ROOF VENTILATION CALCULATIONS
REQUIRED:
 1441 SQFT/150 = 9.6 SQFT OF VENTILATION REQ'D PER CODE
NOTE:
 BUILDER TO CALCULATE QUANTITIES OF TYPES OF VENTS TO MAKE UP THE MINIMUM REQUIREMENT. ATTIC VENTILATION SHALL BE APPROXIMATELY 50% SOFFIT AND 50% HIGH GABLE END OR RIDGE VENTS.



3 Stair Section 1
 A5 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE



2 Bldg Section
 A5 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE



1 Roof Plan
 A5 1/8" = 1'-0" WHEN PRINTED ON 11"x17" / ANSI B PAPER SIZE

NOTE: DRAFTER IS NOT RESPONSIBLE FOR THE STRUCTURAL CALCULATIONS FOR THIS CONSTRUCTION PLAN SET. ALL STRUCTURAL DESIGN ELEMENTS, INCLUDING BUT NOT LIMITED TO, BEAM SIZES, FLOOR SPANS, STUD COLUMNS AND FOOTING SIZES, ARE TO BE VERIFIED BY THE BUILDER AND/OR ENGINEER

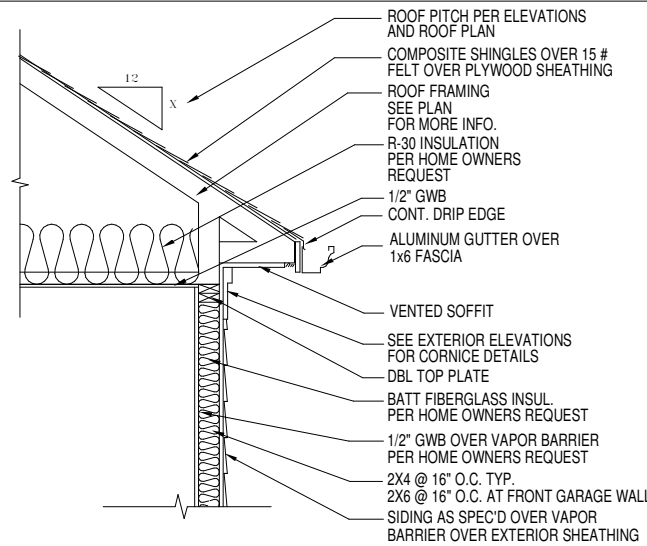
Cardinal Buildings, LLC
 1641 East US 70 Br.
 Garner, NC 27529
 info@cardinalbuildingsllc.com
 919-771-2833

22 x 28 Garage (Brick)
 Neal Walker - 186 Huntington Dr
 Roof Plan & Sections

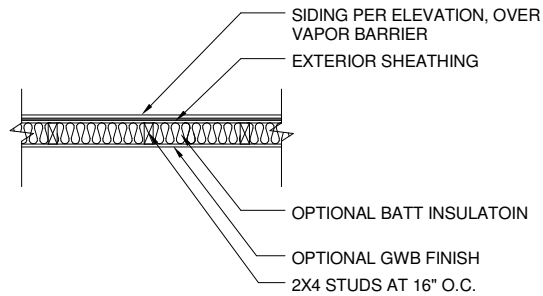
Date: 03/21/2023
 Drawn By: rdc
 Checked By: rdc

A5

TYPICAL EVE DETAIL

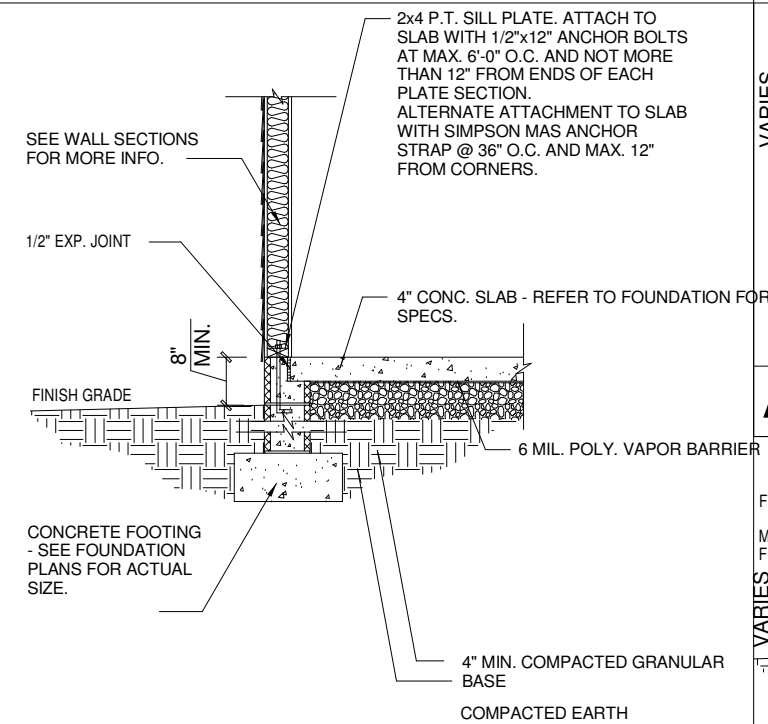


TYP WALL

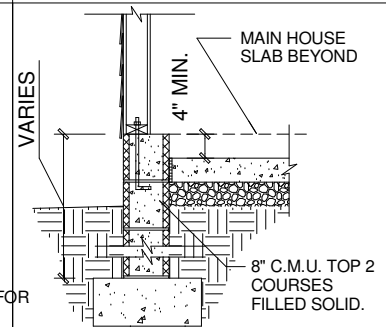


STEM WALL SLAB FOUNDATION DETAILS

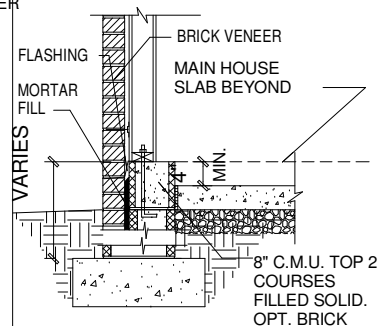
MASTER DETAIL



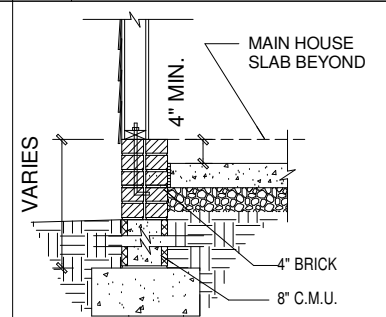
DETAIL VARIATIONS



A EXTERIOR GARAGE WALL SIDING PARGED FOUNDATION



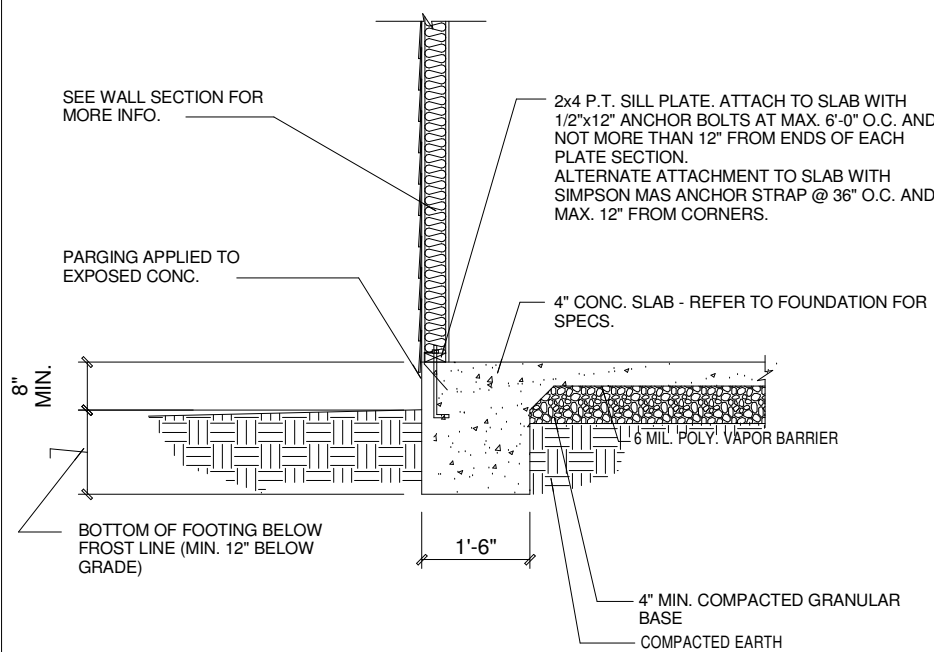
C EXTERIOR WALL AT GARAGE BRICK VENEER



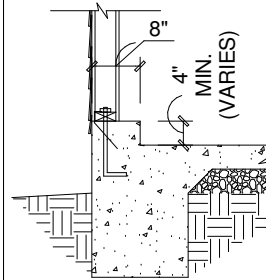
B EXTERIOR GARAGE WALL SIDING BRICK FOUNDATION

MONO SLAB FOUNDATION DETAILS

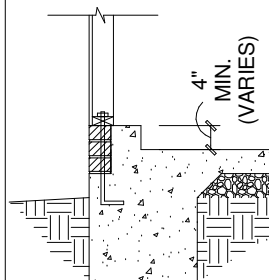
MASTER DETAIL



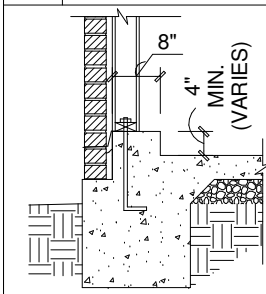
DETAIL VARIATIONS



A EXTERIOR GARAGE WALL SIDING PARGED FOUNDATION



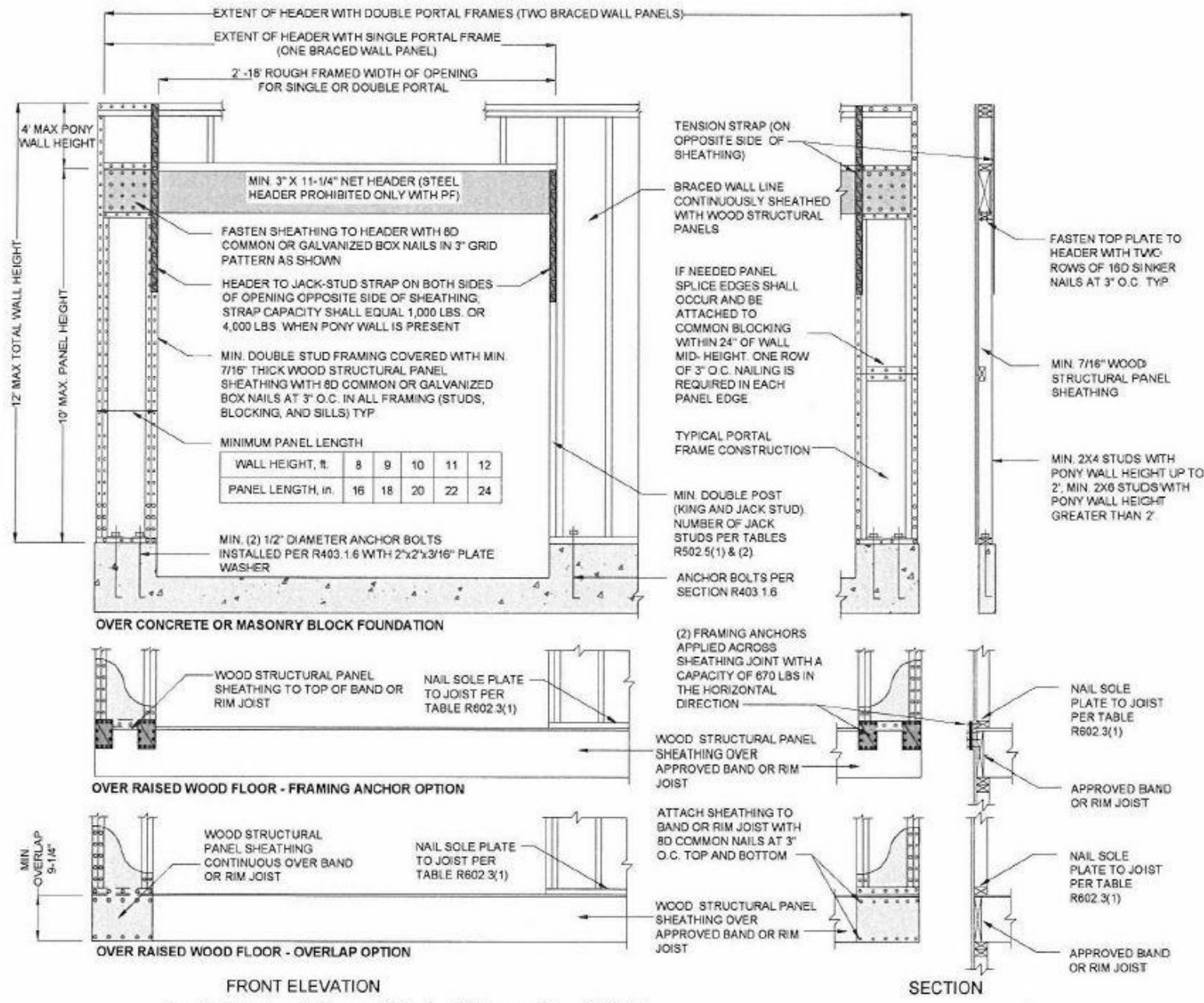
B EXTERIOR GARAGE WALL SIDING BRICK FOUNDATION



C EXTERIOR WALL AT GARAGE BRICK VENEER

Typical Details

SCALE: 3/8" = 1'-0"

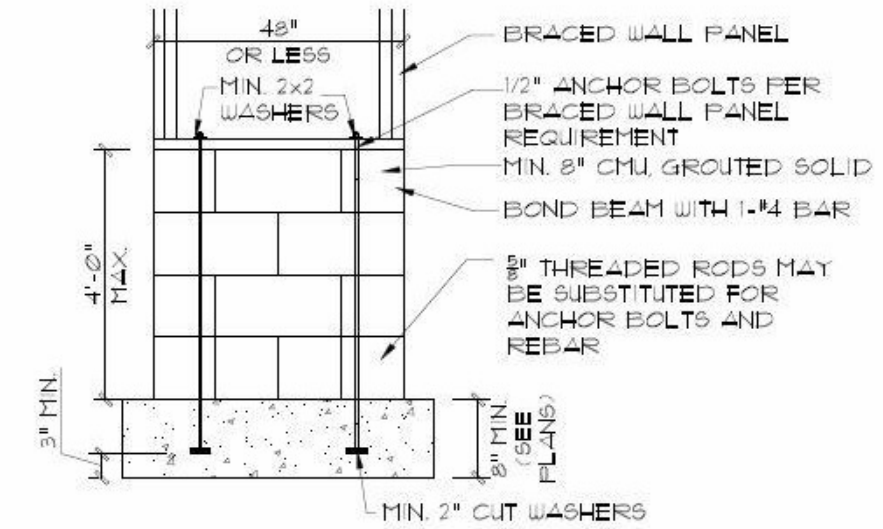


For SI: 1 inch = 25.4 mm, 1 foot = 305 mm, 1 lb = 4.45 N

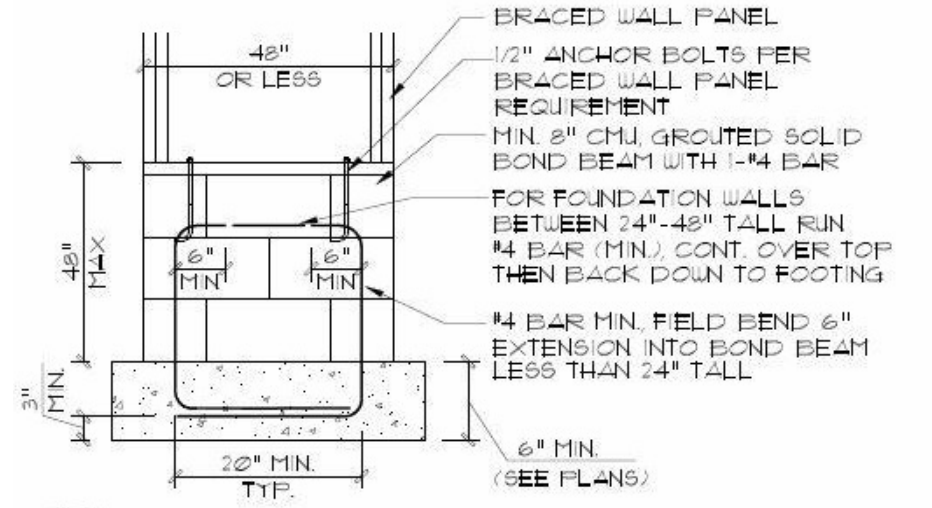
TENSION STRAP AT PORTAL FRAME CHART (100 MPH WIND) BASED ON TABLE R602.10.4.1.1 AT EACH OPENING END

STUD FRAMING	PONY WALL HGT.	MAX. OPENING WIDTH	SIMPSON C516, FULLY NAILED	
			STRAP A	STRAP B
2x4	≤ 2'	9'	20"	NOT REQ'D
		≥ 16'	50"	NOT REQ'D
	3'	9'	28"	NOT REQ'D
		≥ 16'	72"	NOT REQ'D
4'	9'	56"	NOT REQ'D	
	≥ 16'	72"	72"	
2x6	≤ 2'	9'	24"	NOT REQ'D
		≥ 16'	50"	NOT REQ'D
	3'	9'	28"	NOT REQ'D
		≥ 16'	55"	NOT REQ'D
4'	9'	36"	NOT REQ'D	
	≥ 16'	60"	NOT REQ'D	

1D TENSION STRAPPING CHART N.T.S.



1C OPT. STEM WALL REINFORCEMENT 1/2" #1-0" DT212



1B SHORT STEM WALL REINFORCEMENT 1/2" #1-0" DT212

1A N.T.S.

4" PORTAL FRAME BRACED WALL DETAIL AT GARAGE WALL PER FIGURE R602.10.1 - METHOD PF

Cardinal Buildings, LLC
 1641 East US 70 Br.
 Garner, NC 27529
 info@cardinalbuildingsllc.com
 919-771-2833

22 x 28 Garage (Brick)
 Neal Walker - 186 Huntington Dr
 Braced Wall Details

Date: 03/21/2023
 Drawn By: rdc
 Checked By: rdc

D2