

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review
Permit holder responsible for full compliance with the code

11/09/2020

Boyd



BY GREAT DAY IMPROVEMENTS, LLC

GREAT DAY IMPROVEMENTS, RALEIGH
HINNANT RESIDENCE

MINIMUM DESIGN LOADS: (PER 2018 NC RESIDENTIAL BUILDING CODE / 2015 IRC)

SUNROOM CATEGORY II (PER 2015 IRC R301.2.1.1.1 & AAMA / NPEA / NSA 2100))

DEAD LOADS:

- 1. ROOF: 15 PSF
- 2. WALLS: 20 PSF
- 3. FLOOR: 10 PSF

SNOW LOADS: GROUND SNOW LOAD 15 PSF

ULTIMATE DESIGN WIND SPEED: 120 MPH, 3 SEC. GUSTS

LIVE LOADS:

- 1. ROOF: 40 PSF
- 2. FLOOR: 40 PSF

THIS SUNROOM IS NOT TO BE CONDITIONED OR USED AS A PERMANENT LIVING AREA.

NOTES:

- 1. ALLVIEW (CA5) SUNROOM; BRONZE IN COLOR
- 2. CONSTRUCT SUNROOM ON NEW DECK AND UNDER NEW WOOD ROOF
- 3. NO HEAT BY GDI; ELECTRICAL BY GDI
- 4. ALL CONCRETE TO BE 3000 PSI MINIMUM
- 5. ALL LUMBER TO BE SYP #2 OR BETTER AND PRESSURE TREATED WHERE REQUIRED
- 6. THIS SUNROOM CONSIDERED AS NON-CONDITIONED SPACE, EXEMPT FROM ENERGY REQUIREMENTS (PER 2015 IRC SECTION N1102.1, NOTE 2)

DRAWING #	DESCRIPTION
1	COVER
2	ELEVATION "B" WALL
3	ELEVATION "A" WALL
4	ELEVATION "C" WALL
5	DECK PLAN
6	ELECTRICAL PLAN
7	FLOOR PLAN
8	ROOF PLAN
9	SYSTEM DETAILS
10	SYSTEM DETAILS
11	SYSTEM DETAILS

NOTE: THIS STRUCTURE HAS BEEN EVALUATED FOR VERTICAL AND LATERAL LOADS REQUIRED BY THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.

SQUARE FOOTAGE OF SUNROOM = 413

LOCATION

GDI - RALEIGH
951 AVIATION PKWY, SUITE 1000
MORRISVILLE, NC. 27560
984-212-8850

JAMES HINNANT
61 NASSAU LANE
SANFORD, NC 27332
JOB #20133

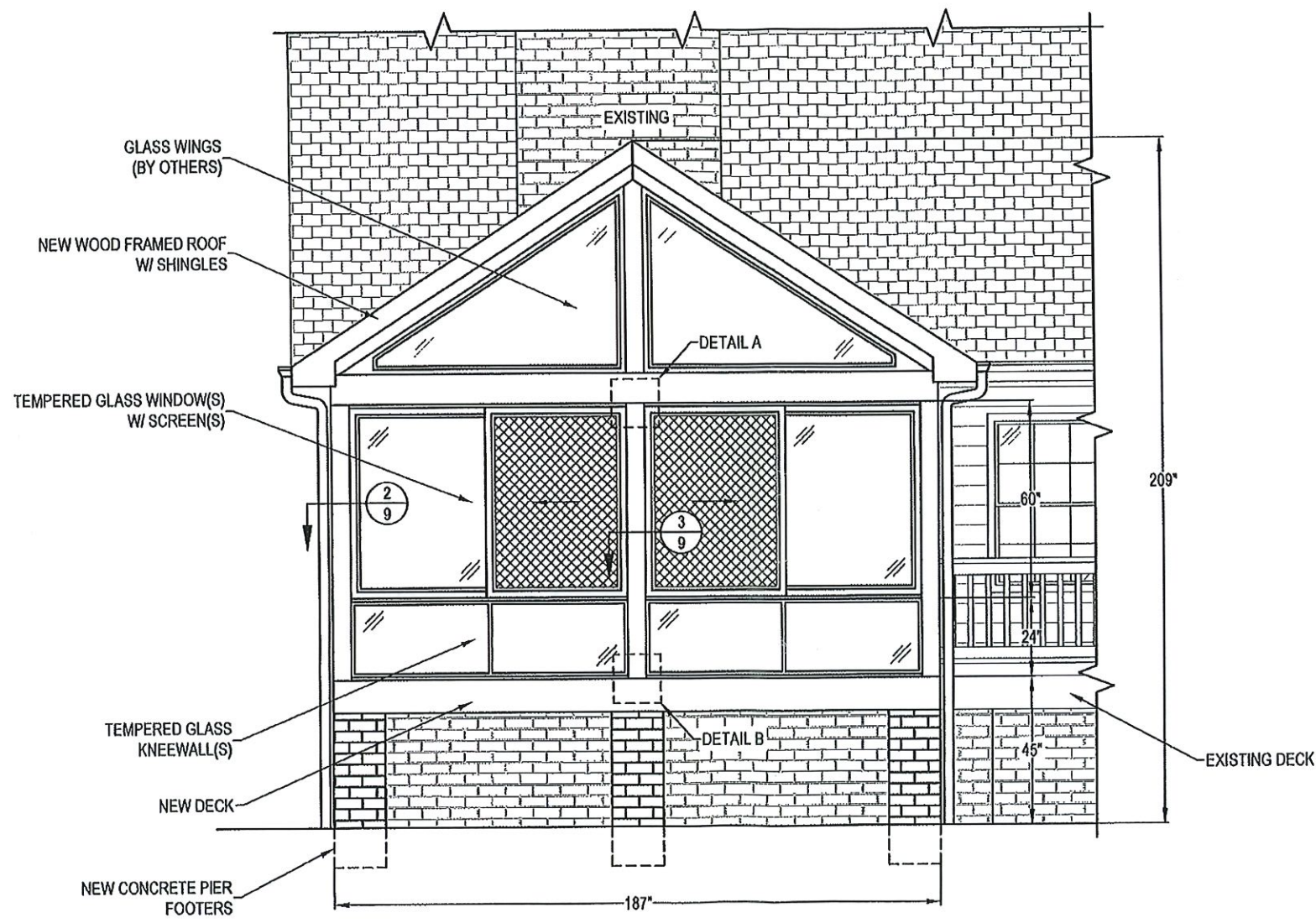


JAC
9/16/20

JAMES A. CLANCY, P.E., L.S.
NC. PROFESSIONAL ENGINEER (NC. LIC. #32152)
601 ASBURY AVENUE
NATIONAL PARK, NJ. 08063
PH. # 856-853-7306

DATE 9/16/20
DRAWN WAR
SCALE 1/4" = 1'-0"
SHEET 1 OF 11

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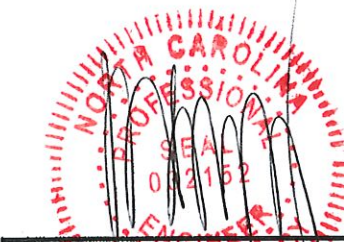


ELEVATION - "B" WALL

LOCATION
 GDI - RALEIGH
 951 AVIATION PKWY, SUITE 1000
 MORRISVILLE, NC. 27560
 984-212-8850

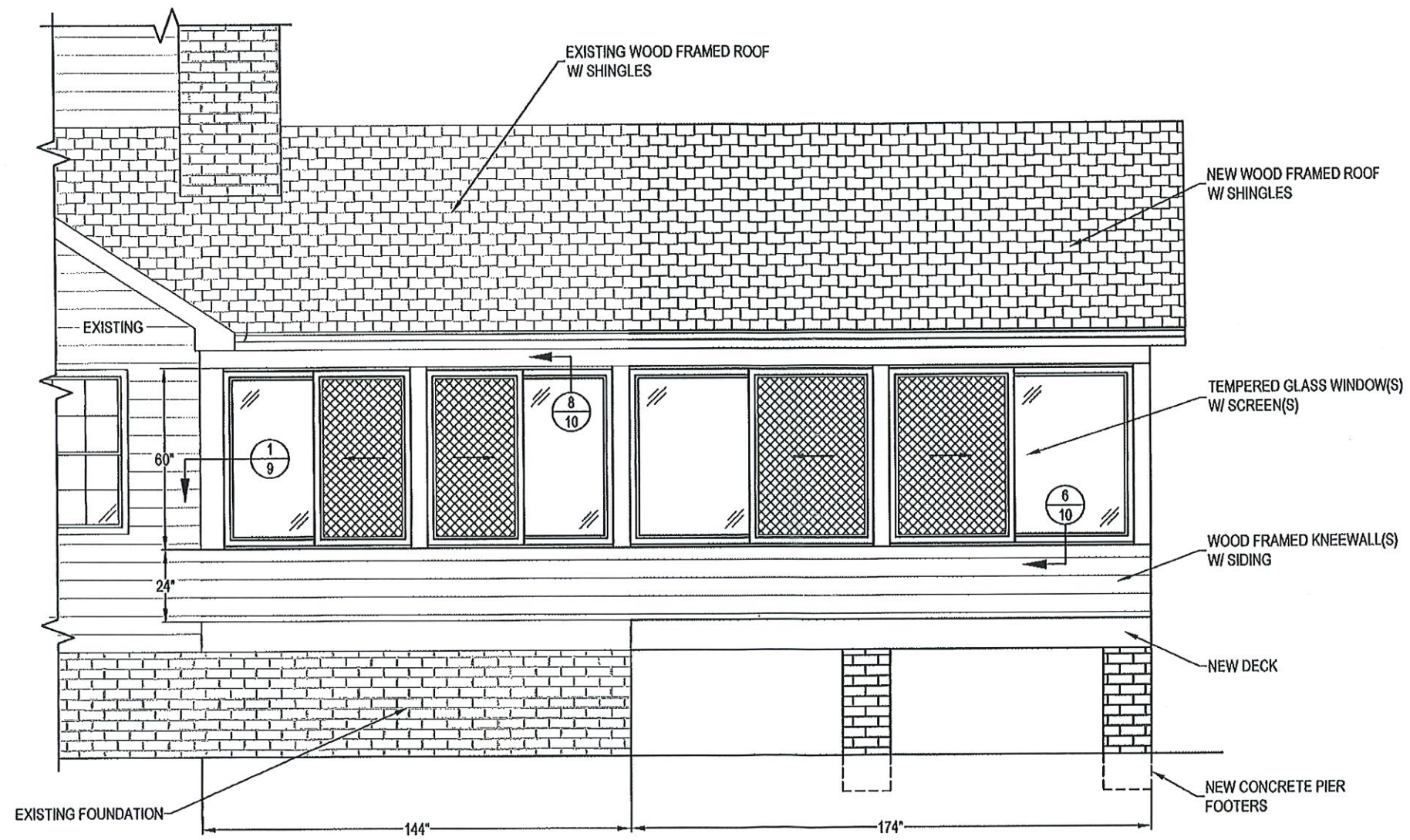
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DATE	9/16/20
DRAWN	WAR
SCALE	1/4" = 1'-0"
SHEET	2 OF 11



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ELEVATION - "A" WALL



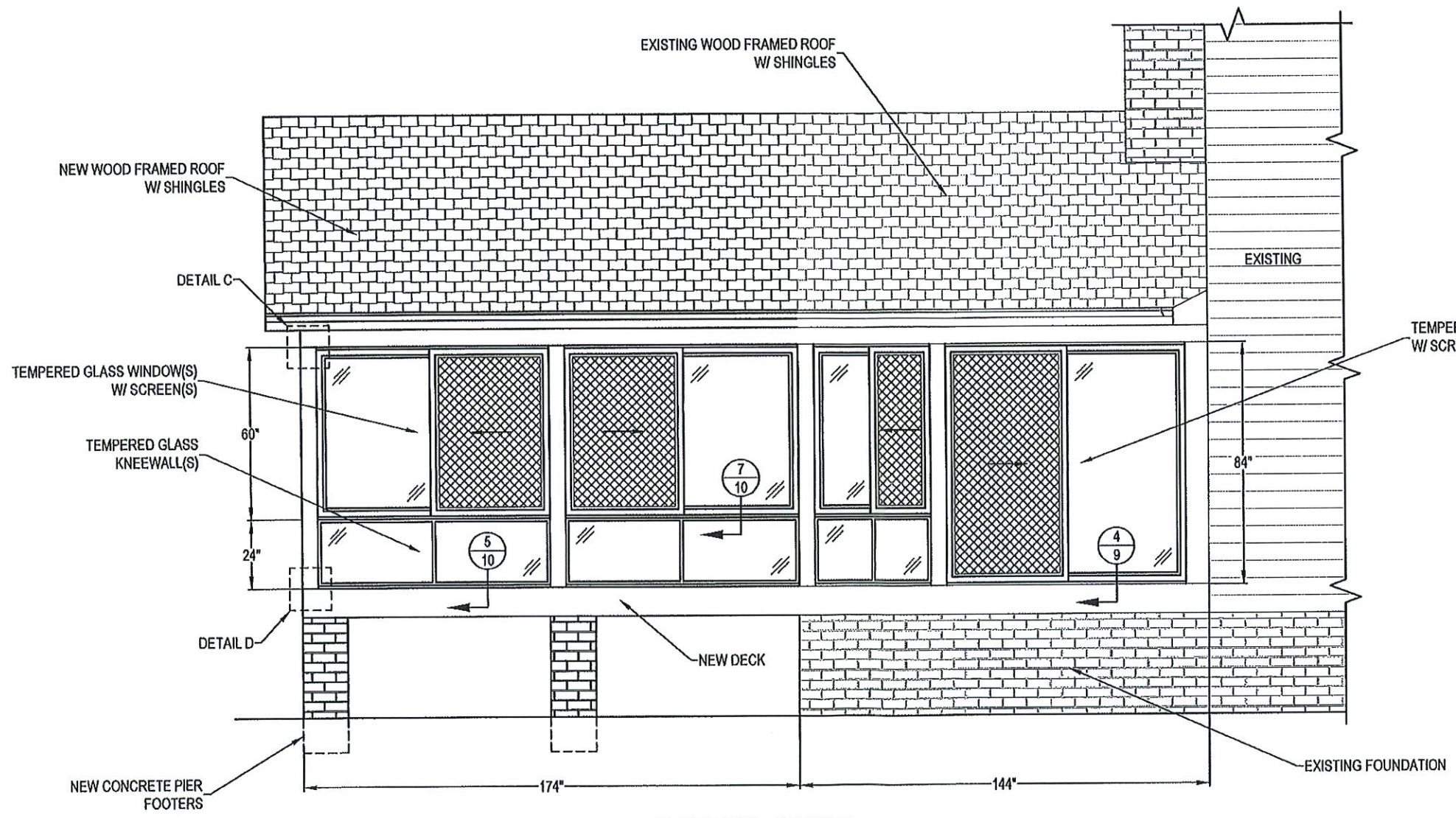
LOCATION
 GDI - RALEIGH
 951 AVIATION PKWY, SUITE 1000
 MORRISVILLE, NC. 27560
 984-212-8850

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DATE	9/16/20
DRAWN	WAR
SCALE	1/4" = 1'-0"
SHEET	3 OF 11

Professional Engineer Seal for James A. Clancy, P.E., L.S., NC. Lic. #32152. Includes date 09/23/20 and signature.

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ELEVATION - "C" WALL
(OPEN DECK & RAILING NOT SHOWN FOR CLARITY)

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MORRISVILLE, NC. 27560
984-212-8850

JAMES HINNANT
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SANFORD, NC 27332
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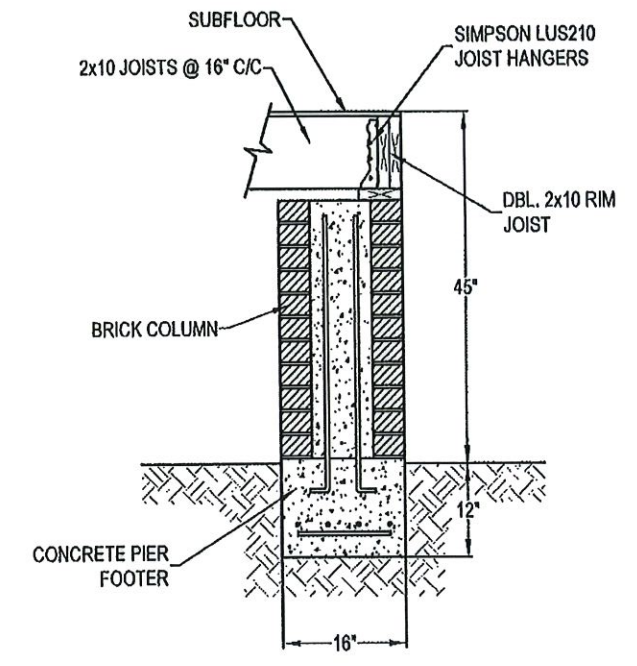
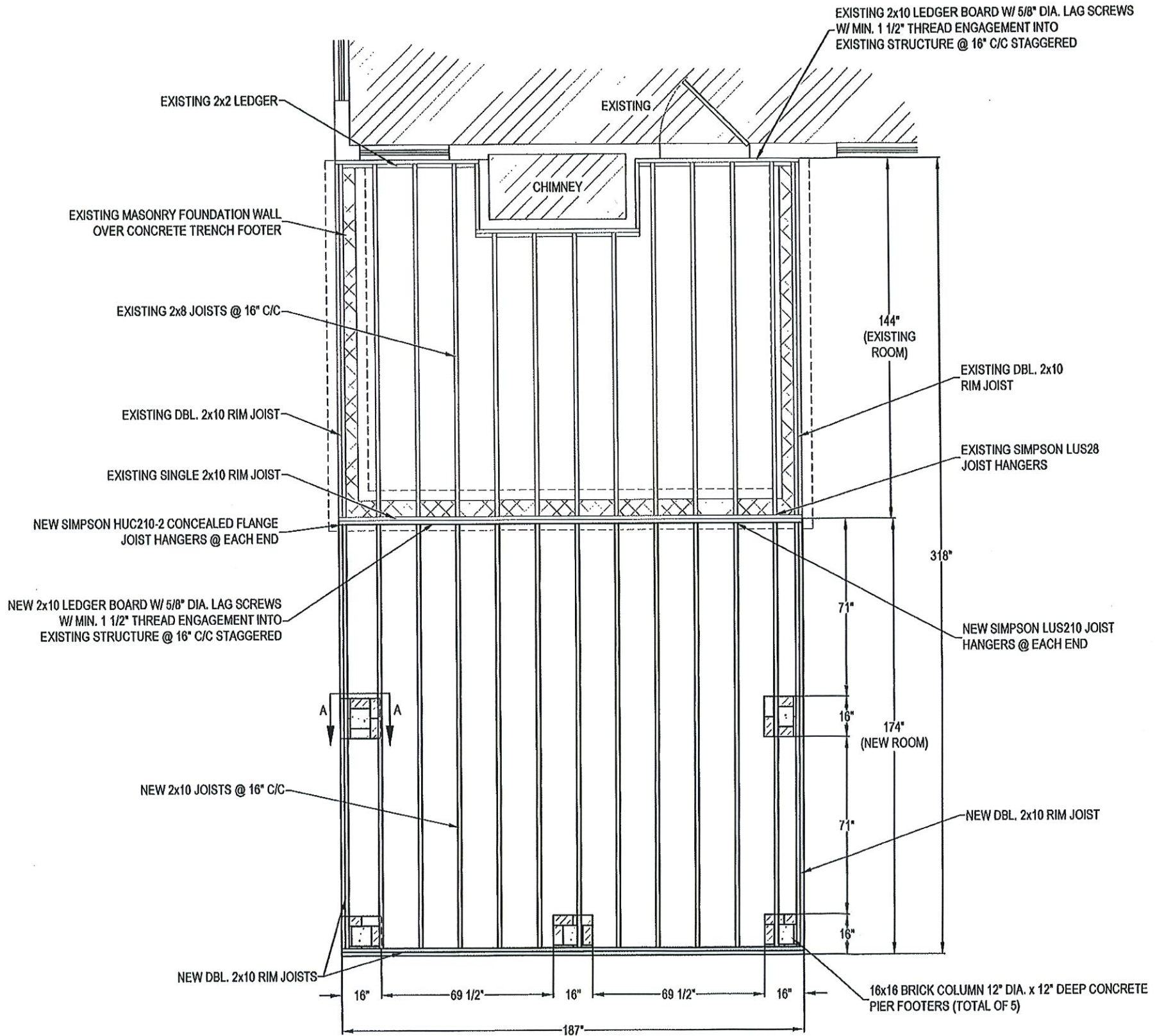


09/16/20

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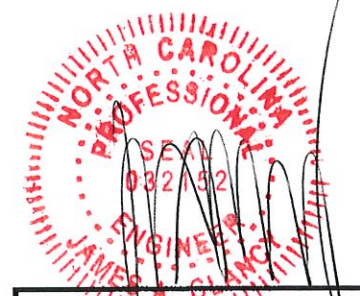
DATE	9/16/20
DRAWN	WAR
SCALE	1/4" = 1'-0"
SHEET	4 OF 11

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DECK PLAN
SCALE: 1/4" = 1'-0"

NOTE: ALL LUMBER TO BE SOUTHERN YELLOW PINE



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DATE	9/16/20
DRAWN	WAR
SCALE	AS NOTED
SHEET	5 OF 11

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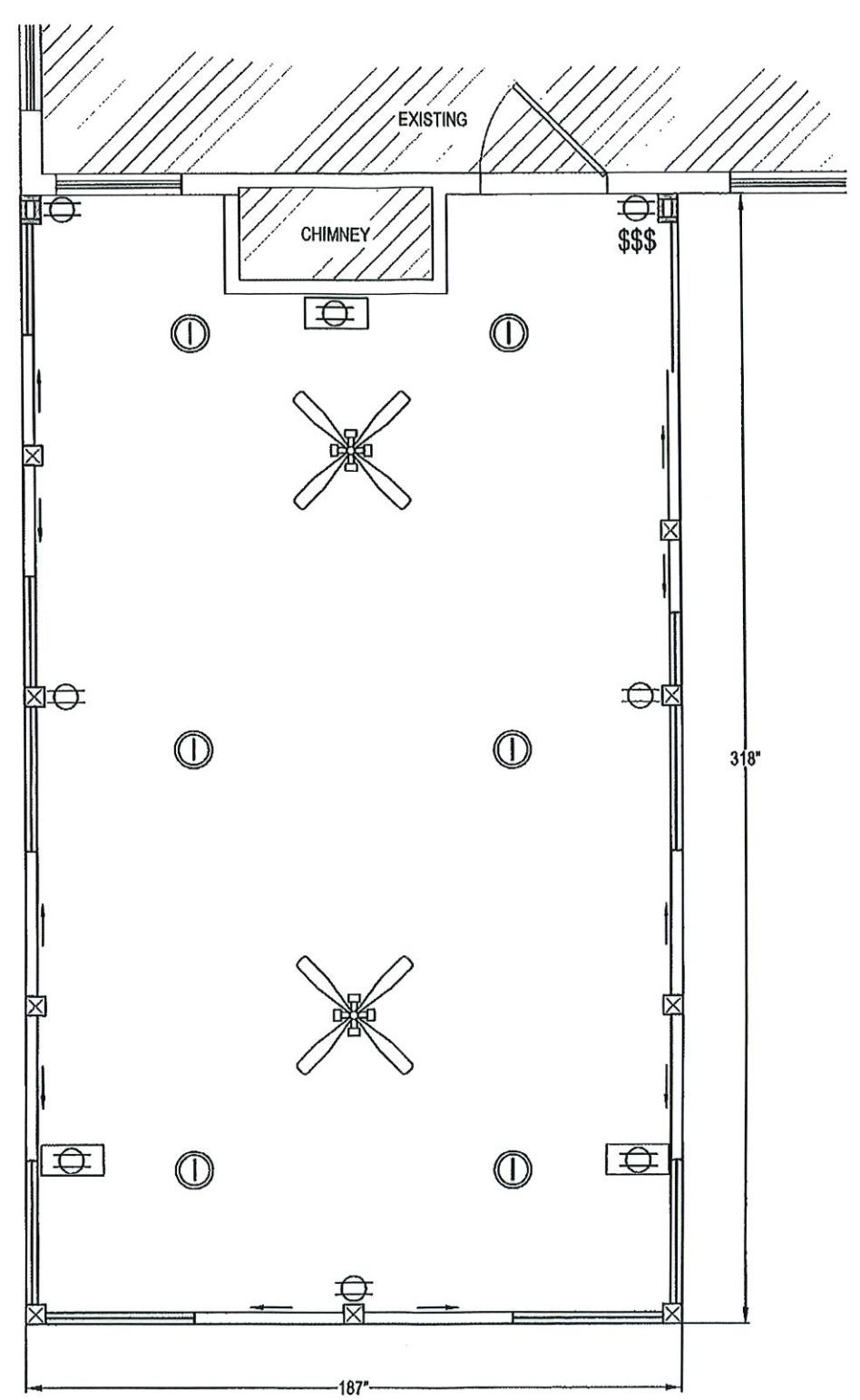


LOCATION
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 984-212-8850

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 SANFORD, NC 27332
 JOB #20133

DATE	9/16/20
DRAWN	WAR
SCALE	1/4" = 1'-0"
SHEET	6 OF 11

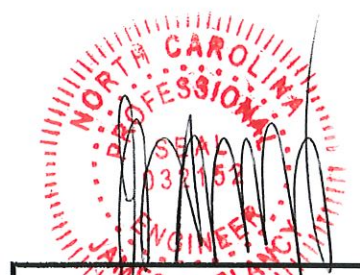
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ELECTRICAL PLAN

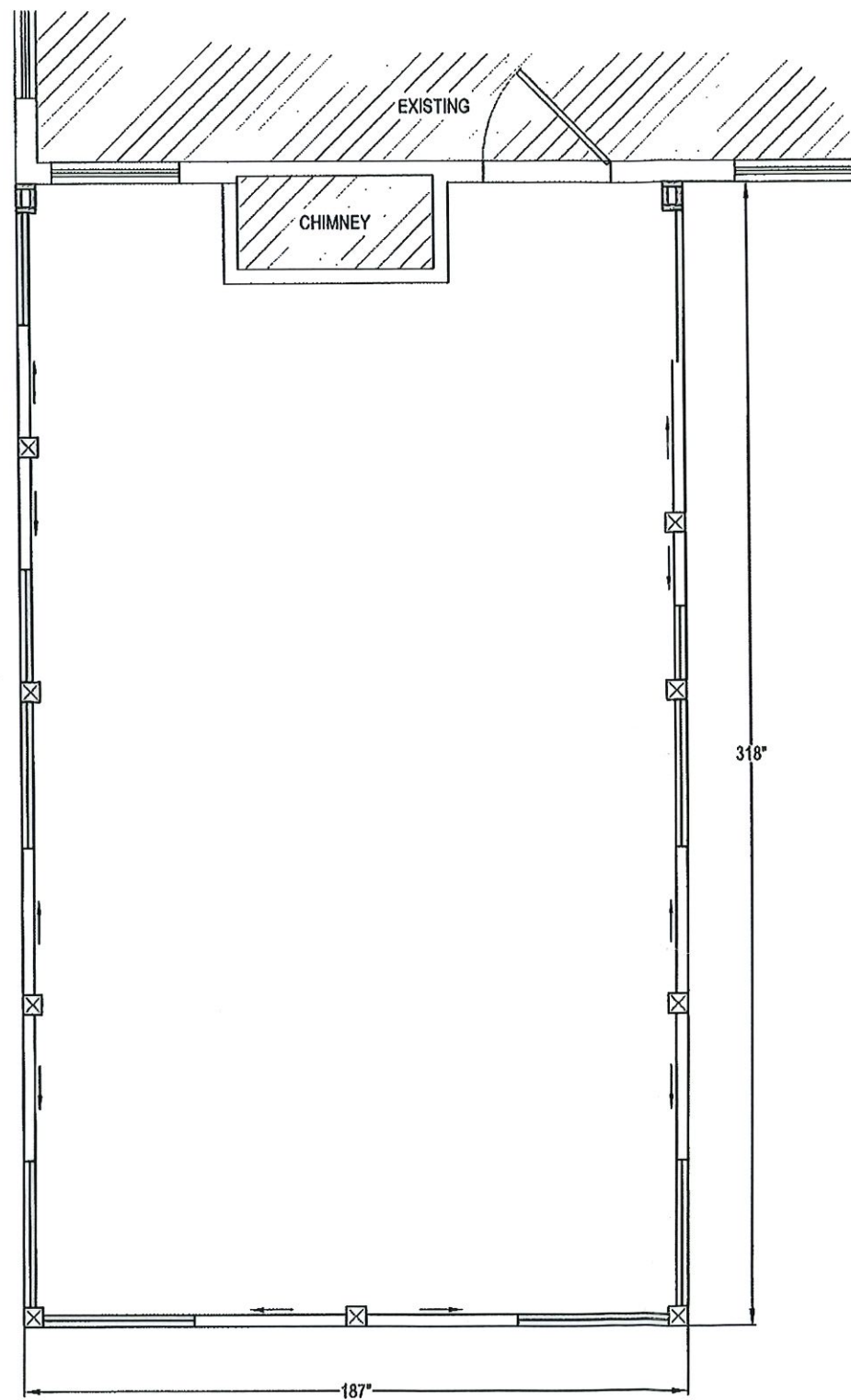
GDI ELECTRICAL SYMBOL LEGEND

	DUPLEX RECEPTACLE
	FLOOR DUPLEX RECEPTACLE
	INTERIOR LIGHT
	SWITCH
	CEILING FAN W/ LIGHT



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09/23/20



FLOOR PLAN



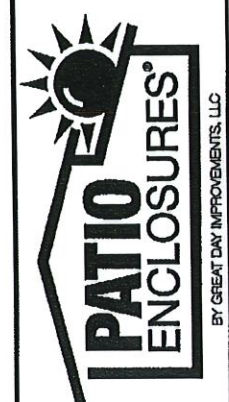
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09/16/20

DATE	9/16/20
DRAWN	WAR
SCALE	1/4" = 1'-0"
SHEET	7 OF 11

JAMES HINNANT
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LOCATION
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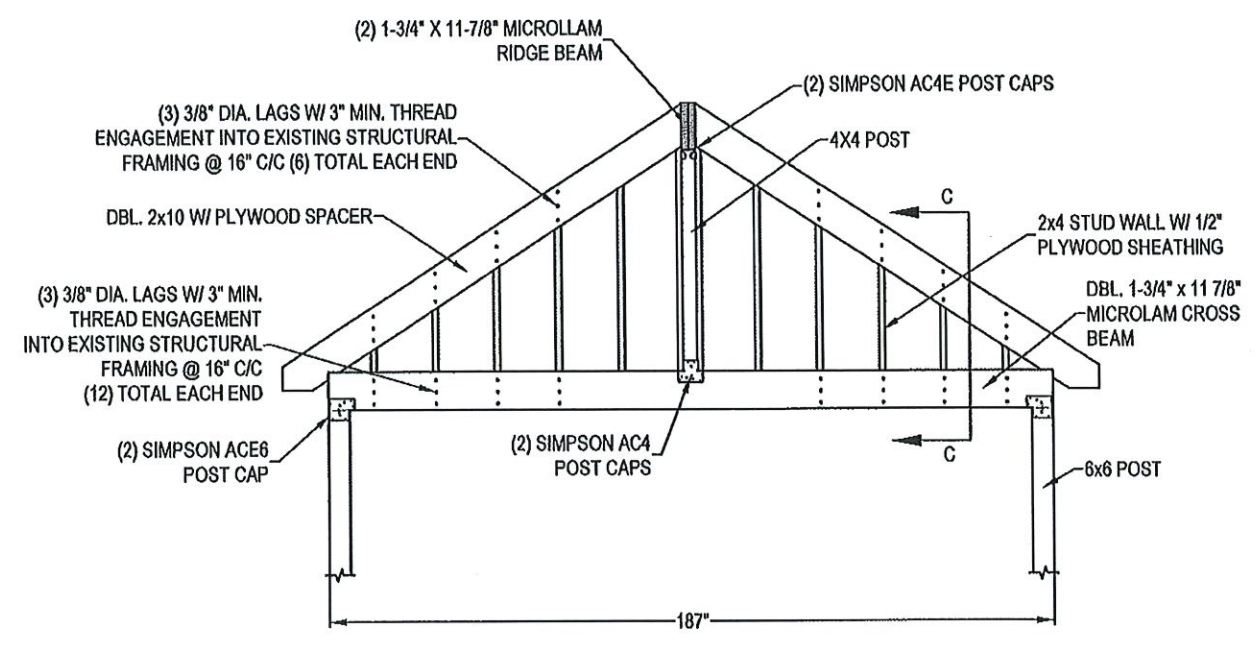
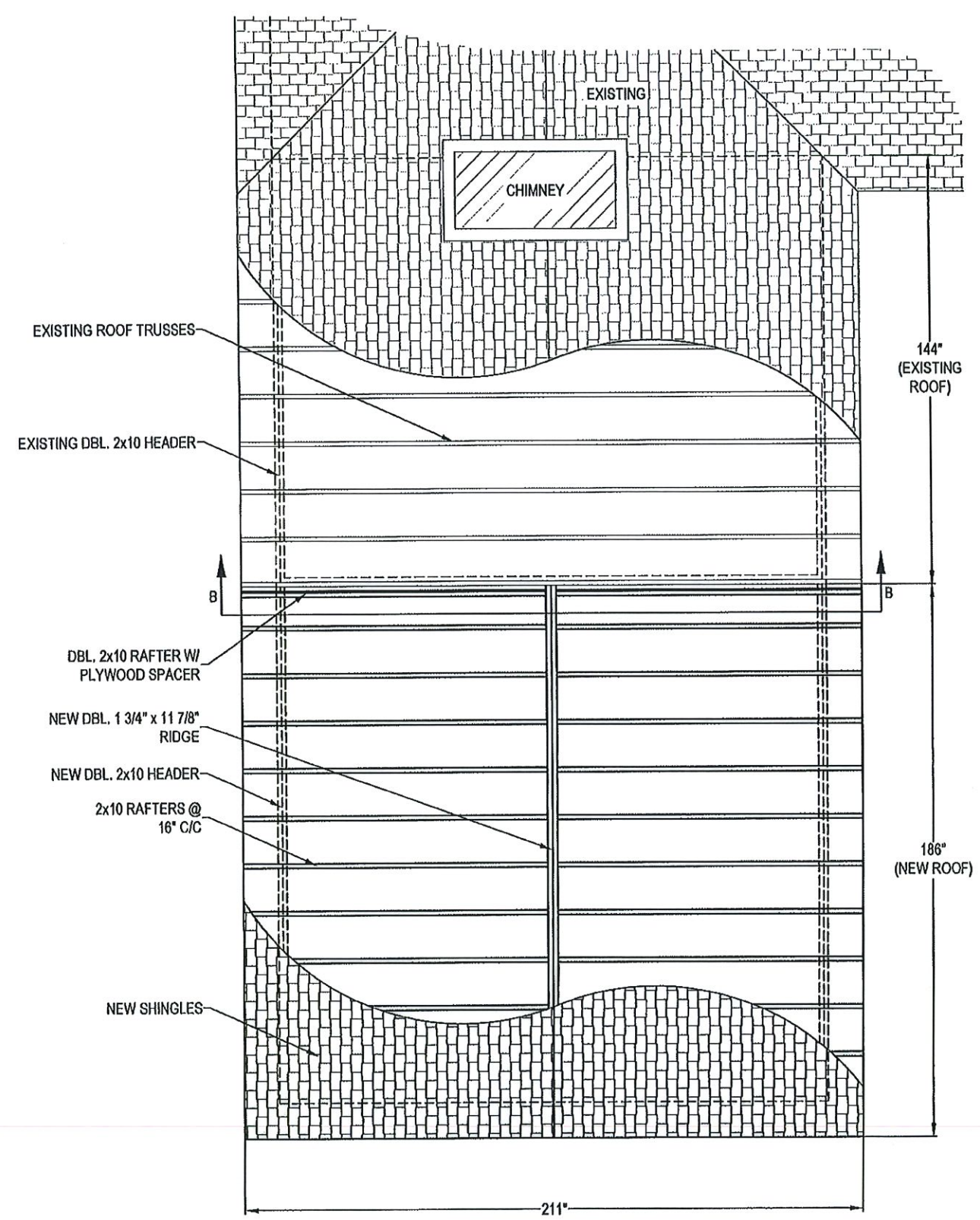


LOCATION
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DATE	9/16/20
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SCALE	1/4" = 1'-0"
SHEET	8 OF 11

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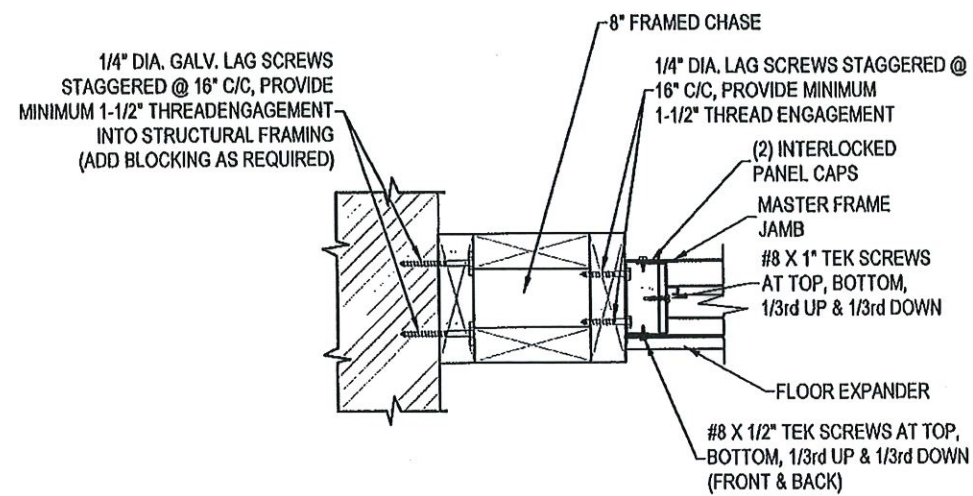


SECTION B-B
 SCALE: 1/4" = 1'-0"

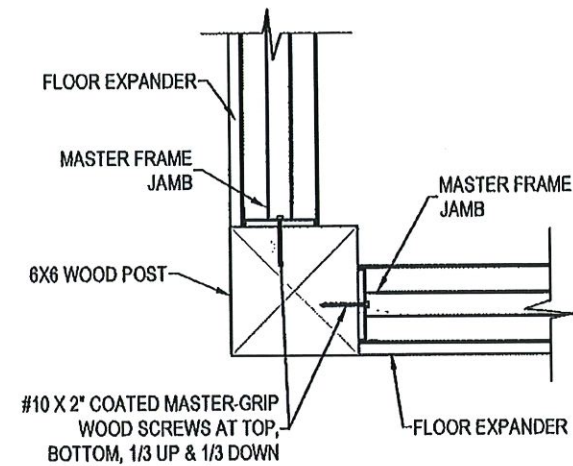


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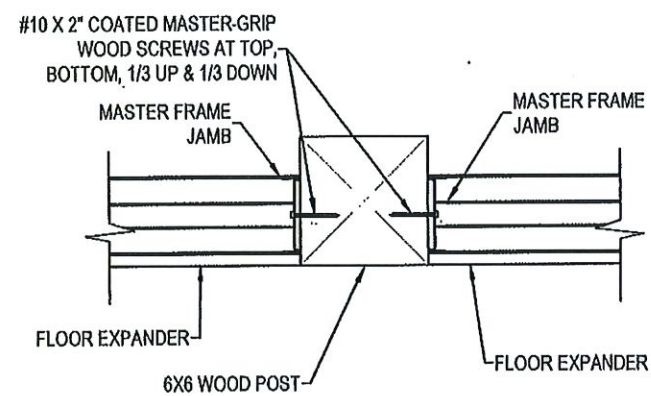
9/23/20



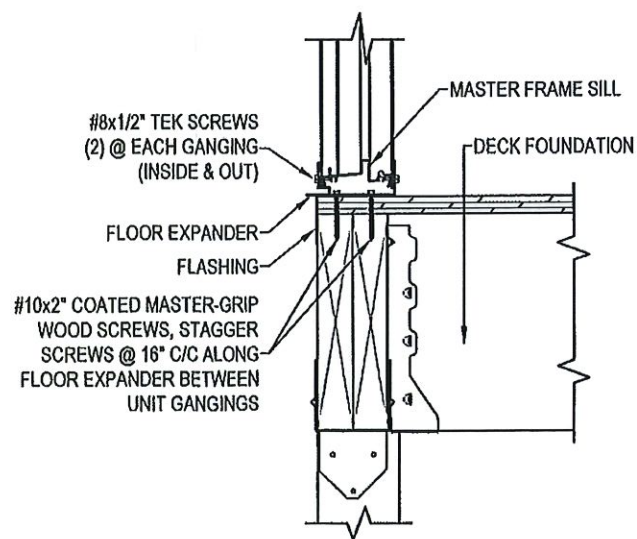
1 PLAN VIEW OF MASTER FRAME JAMBS
9 CONNECTION @ EXISTING WALL



2 PLAN VIEW OF MASTER FRAME JAMBS
9 CONNECTION @ 6X6 WOOD POST



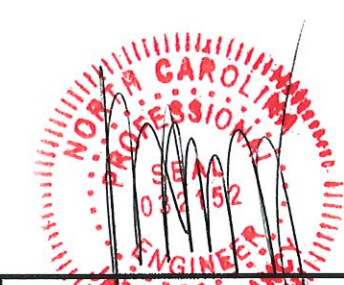
3 PLAN VIEW OF MASTER FRAME JAMBS
9 CONNECTION @ 6X6 WOOD POST



4 SECTION THROUGH MASTER FRAME SILL
9 CONNECTION @ DECK FOUNDATION

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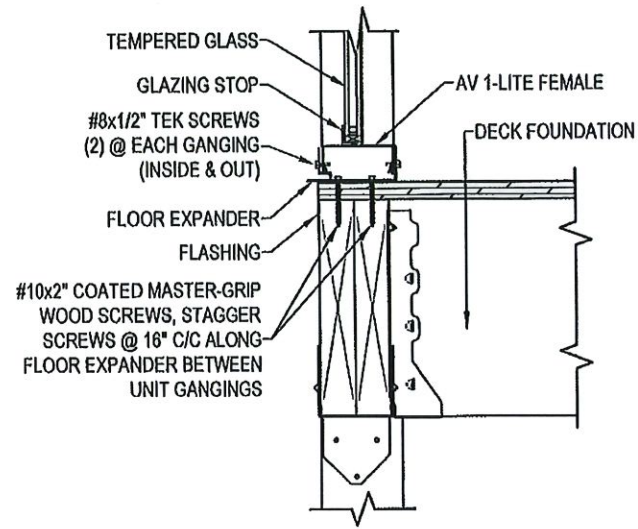


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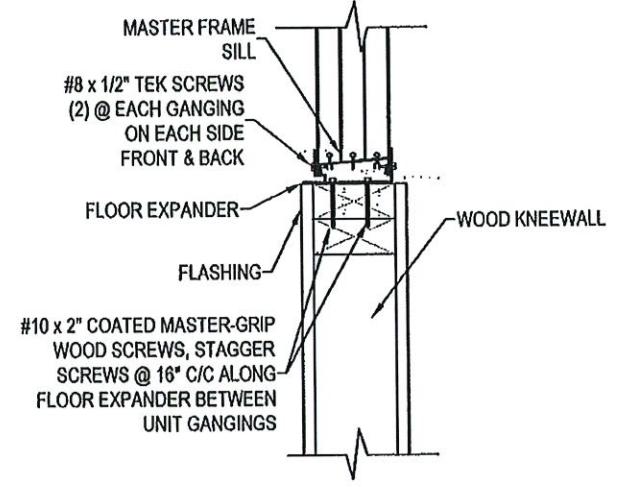
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SHEET	9 OF 11

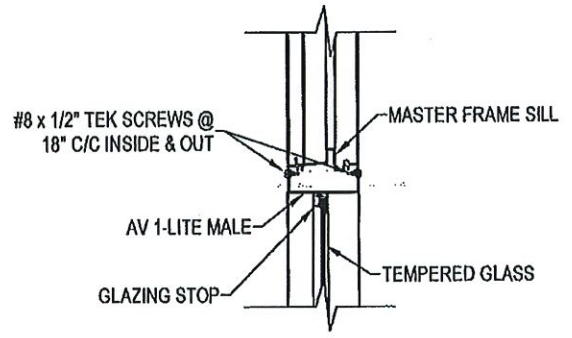
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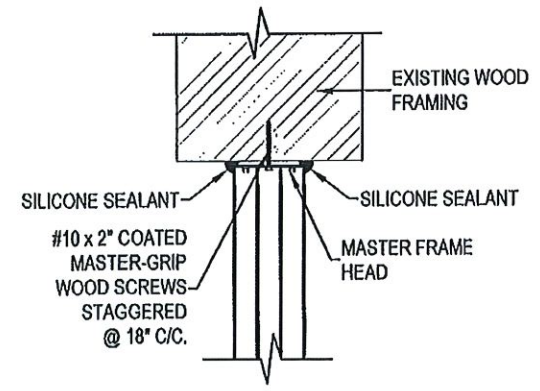
5 SECTION THROUGH GLASS KNEEWALL
10 CONNECTION @ DECK FOUNDATION



6 SECTION THROUGH MASTER FRAME SILL
10 CONNECTION @ WOOD KNEEWALL



7 SECTION THROUGH MASTER FRAME SILL
10 CONNECTION @ GLASS KNEEWALL



8 SECTION THROUGH MASTER FRAME HEAD
10 CONNECTION @ EXISTING HEADER



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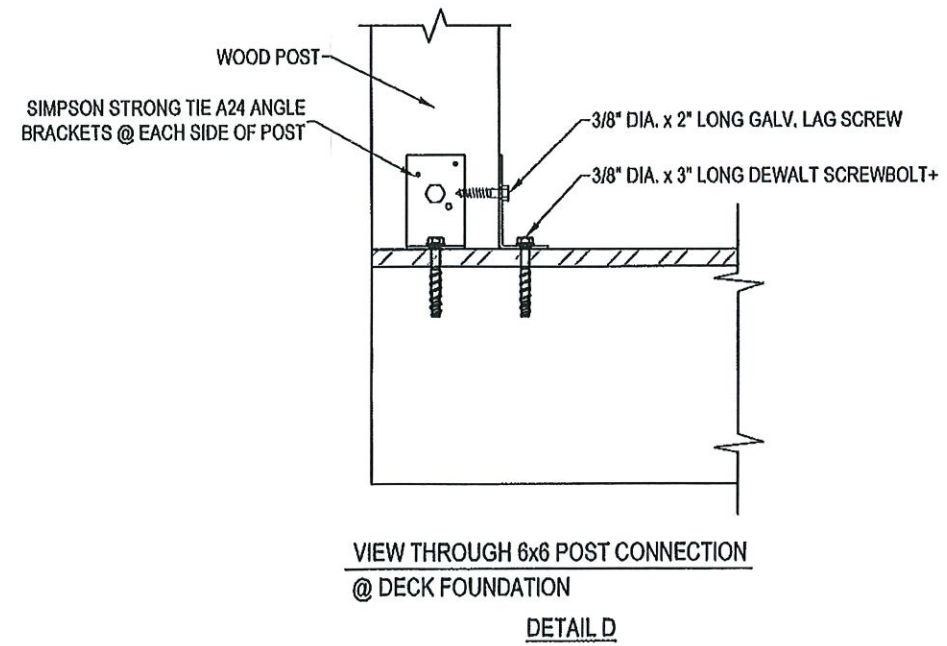
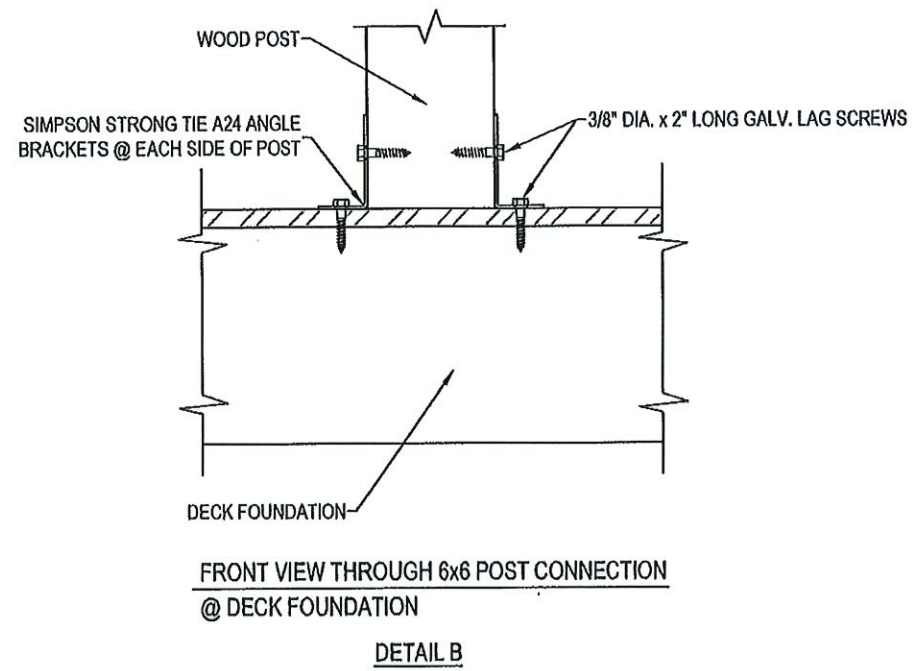
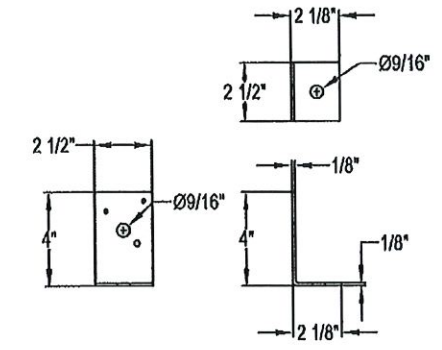
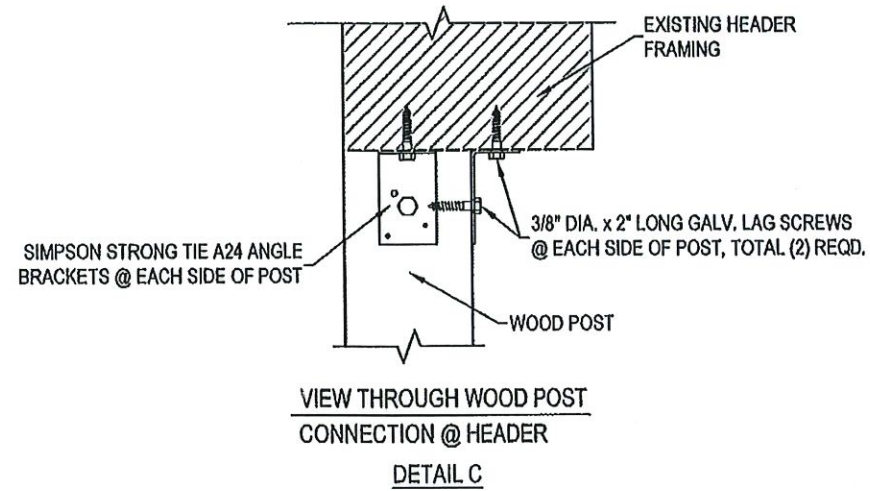
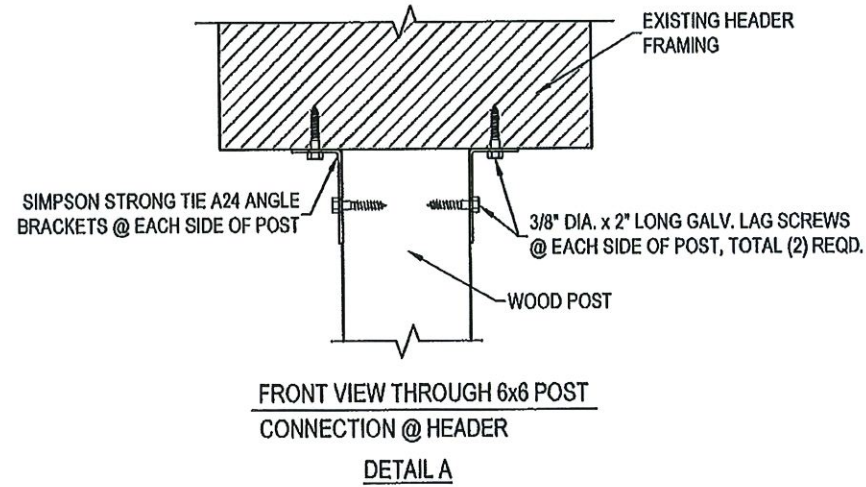
DATE	9/16/20
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SCALE	1/4" = 1'-0"
SHEET	10 OF 11

LOCATION
GDI - RALEIGH
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