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LOCATION: GDI - RALEIGH
961 AVIATION PKWY, SUITE 1000
MORRISVILLE, NC, 27560
984-212-8850

KURT HEINZ
5482 US 421 N
LILLINGTON, NC, 27546
JOB #20059

DATE: 5/27/20
DRAWN: VNG
SCALE: 1/4" = 1'-0"
SHEET: 1 OF 6

GREAT DAY IMPROVEMENTS, RALEIGH
HEINZ RESIDENCE

DRAWING #	DESCRIPTION
1	COVER
2	ELEVATION "B" WALL
3	ELEVATION "A" & "C" WALL
4	DECK PLAN
5	FLOOR PLAN
6	SYSTEM DETAILS

James L. Campbell

 JAMES L. CAMPBELL, P.E., No. 12345
 NC PROFESSIONAL ENGINEER (NC LIC. #32152)
 601 ASBURY AVENUE
 NATIONAL PARK, N.C. 00083
 PH. # 856-853-7306

NOTE: THIS STRUCTURE HAS BEEN EVALUATED FOR VERTICAL AND LATERAL LOADS REQUIRED BY THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE. SQUARE FOOTAGE OF SUNROOM = 137.5

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:
1. 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 (AVR) SUNROOM; WHITE IN COLOR
 2. CONSTRUCT SUNROOM ON EXISTING DECK AND UNDER EXISTING ROOF
 3. NO HEAT OR ELECTRICAL BY GDI
 4. THIS SUNROOM CONSIDERED AS NON-CONDITIONED SPACE. EXEMPT FROM ENERGY REQUIREMENTS (PER 2015 IRC SECTION N1102.1, NOTE 2)

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

APPROVED
 Unified Building only online. Permit holder responsible for full compliance with the code.

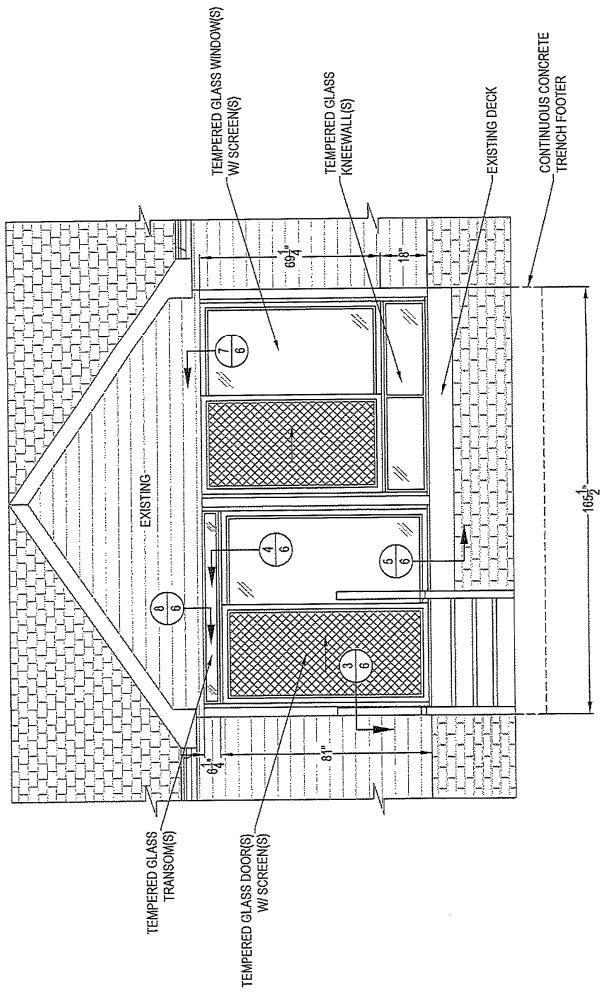
06/17/2020



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LOCATION	GDI - RALEIGH 951 AVIATION PKWY, SUITE 1000 MORRISVILLE, NC, 27560 984-212-8850
	KURT HEINZ 5482 US 421 N LILLINGTON, NC, 27546 JOB #20059
DATE	5/27/20
DRAWN	VNG
SCALE	1/4" = 1'-0"
SHEET	2 OF 6

NORTH CAROLINA
 PROFESSIONAL SEAL
 10/21/20
 JAMES P. CLARK, P.E.
 NC PROFESSIONAL ENGINEER (NC LIC. #32162)
 601 ASBURY AVENUE
 NATIONAL PARK, N.C. 08063
 PH. # 866-853-7206



ELEVATION - "B" WALL



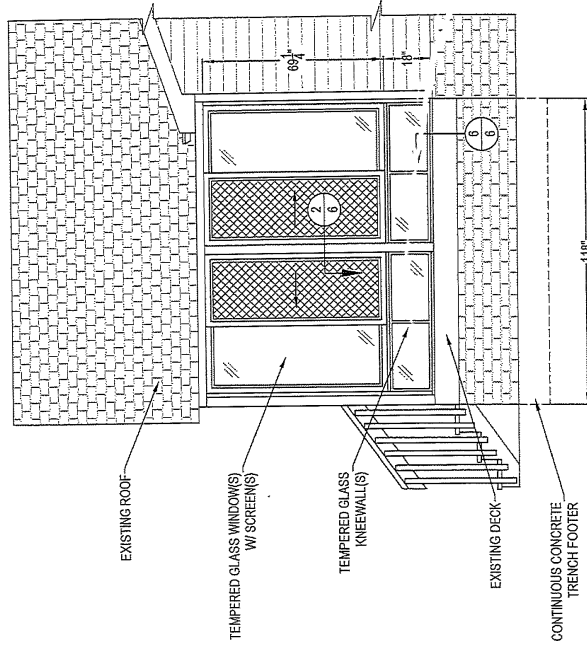
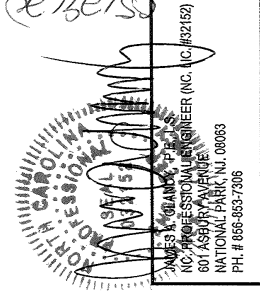
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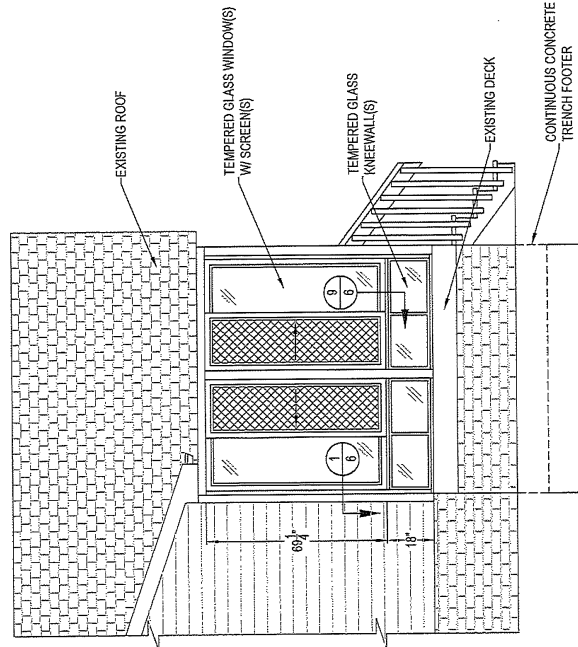
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 GDI - RALEIGH
 951 AVIATION PKWY, SUITE 1000
 MORRISVILLE, NC, 27560
 984-212-8850

KURT HEINZ
 5482 US 421 N
 LILLINGTON, NC 27546
 JOB #20053

DATE 5/27/20
 DRAWN VNG
 SCALE 1/4" = 1'-0"
 SHEET 3 OF 6



ELEVATION - "C" WALL



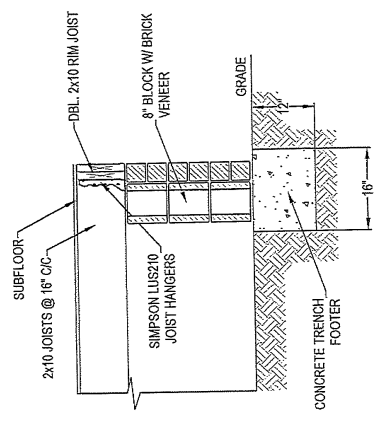
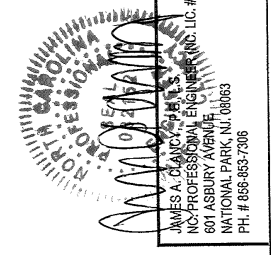
ELEVATION - "A" WALL



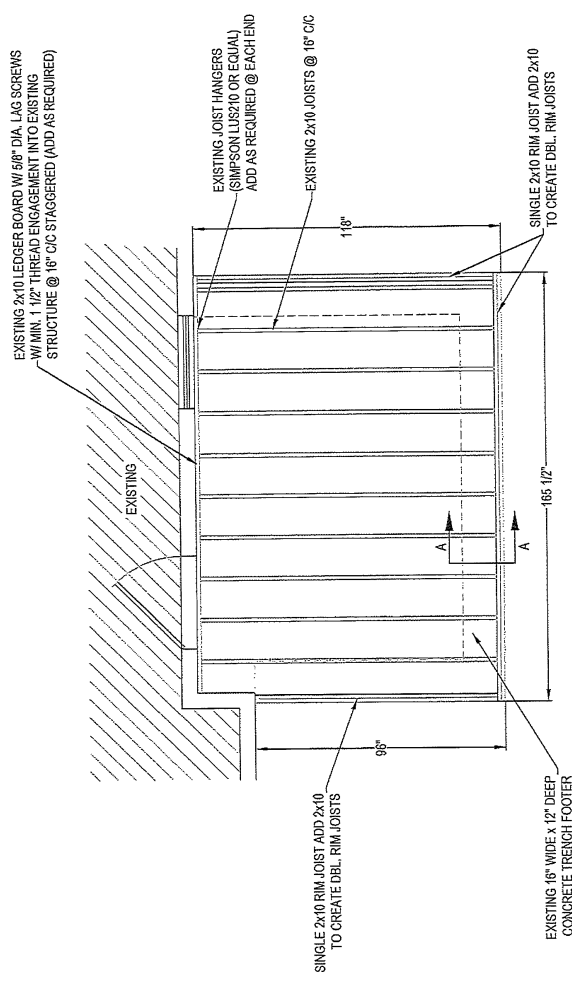
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 984-212-8850

KURT HEINZ
 5482 US 421 N
 LILLINGTON, NC, 27546
 JOB #20059

DATE	5/27/20
DRAWN	VNG
SCALE	AS NOTED
SHEET	4 OF 6



SECTION A-A
 SCALE: 1/2" = 1'-0"



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

NOTE:
 ALL LUMBER TO BE SOUTHERN PINE



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

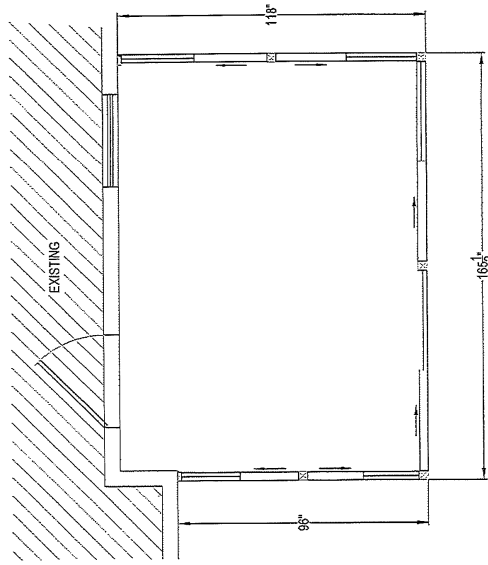
KURT HEINZ
5482 US 421 N
LILLINGTON, NC, 27546
JOB #20059

DATE	5/27/20
DRAWN	VING
SCALE	1/4" = 1'-0"
SHEET	5 OF 6

06/30/20



JAMES A. G. TAYLOR, P. E.
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FLOOR PLAN

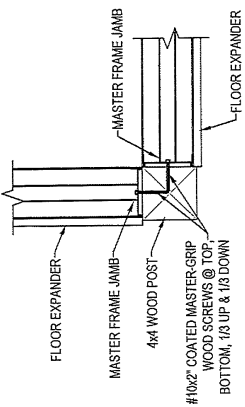


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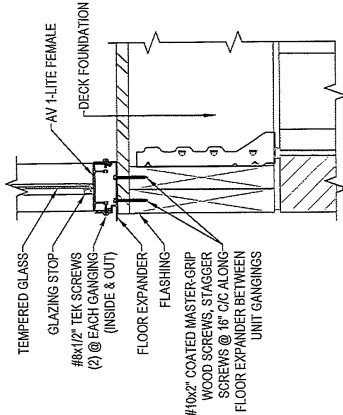
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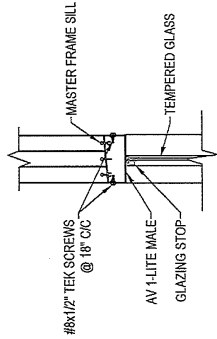
DATE	5/27/20
DRAWN	VNS
SCALE	1/12" = 1'-0"
SHEET	6 OF 6



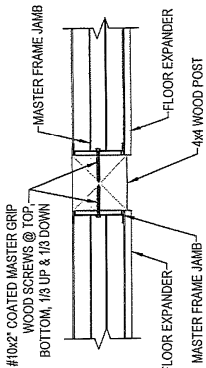
3 PLAN VIEW OF MASTER FRAME JAMBS
 CONNECTION @ 4x4 WOOD POST



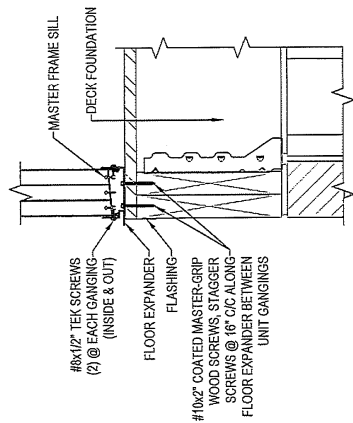
6 SECTION THROUGH GLASS KNEEWALL
 CONNECTION @ DECK FOUNDATION



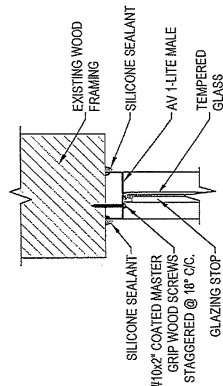
9 SECTION THROUGH MASTER FRAME SILL
 CONNECTION @ GLASS KNEEWALL



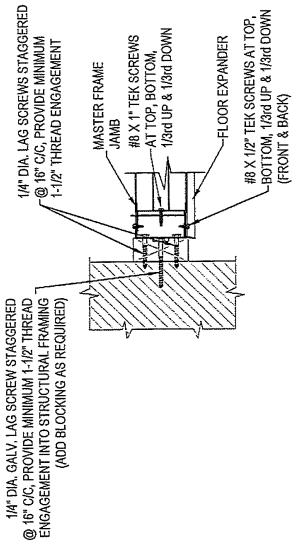
2 PLAN VIEW OF MASTER FRAME JAMBS
 CONNECTION @ 4x4 WOOD POST



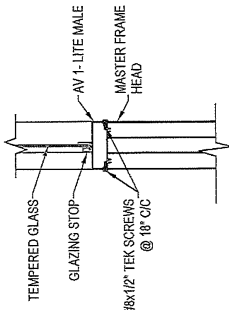
5 SECTION THROUGH MASTER FRAME SILL
 CONNECTION @ DECK FOUNDATION



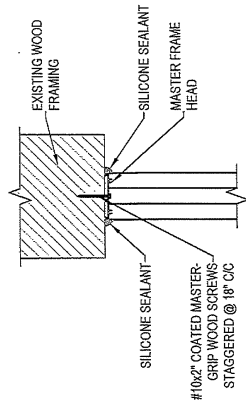
8 SECTION THROUGH GLASS TRANSOM
 CONNECTION @ EXISTING HEADER



1 PLAN VIEW OF MASTER FRAME JAMBS
 CONNECTION @ EXISTING WALL



4 SECTION THROUGH MASTER FRAME HEAD
 CONNECTION @ GLASS TRANSOM



7 SECTION THROUGH MASTER FRAME HEAD
 CONNECTION @ EXISTING HEADER

PROFESSIONAL SEAL
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