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LOCATION	GDI - RALEIGH
	931 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

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)

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



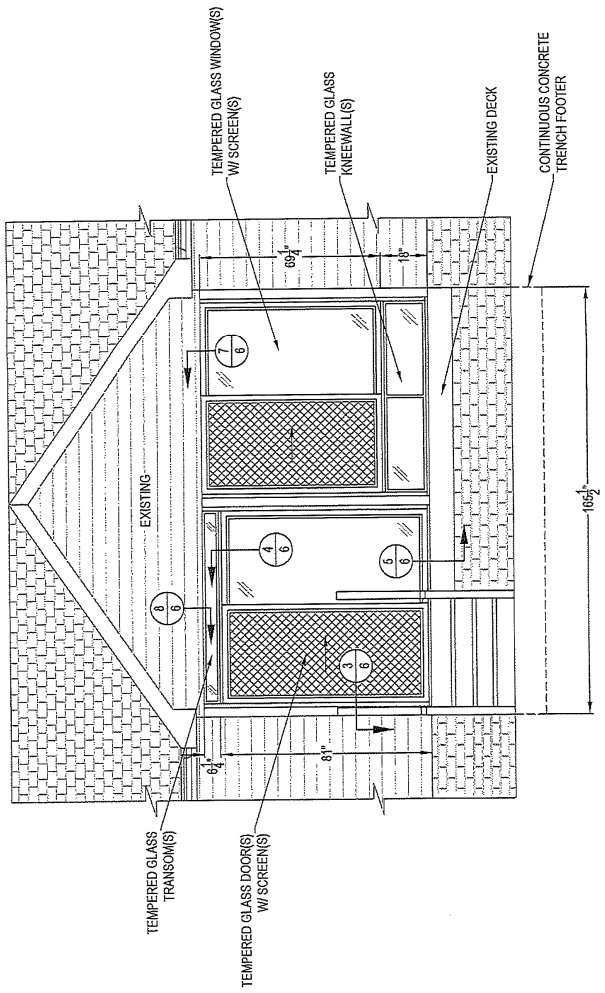
JAMES A. LAMB, P.E., N.C.  
N.C. PROFESSIONAL ENGINEER (NC LIC. #21523)  
601 ASBURY AVENUE  
NATIONAL PARK, N.C. 08083  
PH. # 856-853-7306



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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. 08083  
 PH. # 866-853-7206



ELEVATION - "B" WALL



BY GREAT DAY IMPROVEMENTS, LLC

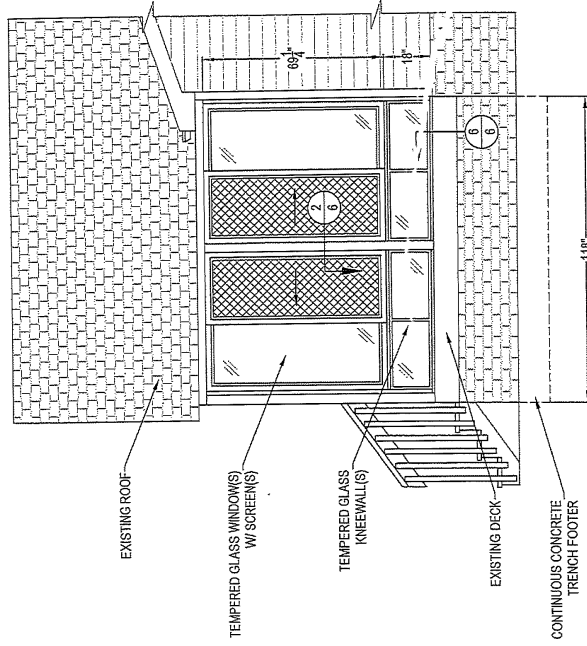
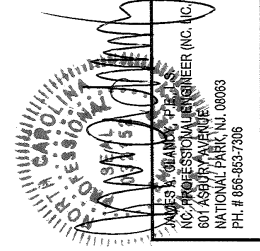
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LOCATION  
 GDI - RALEIGH  
 951 AVIATION PKWY, SUITE 1000  
 MORRISVILLE, NC, 27560  
 984-212-8850

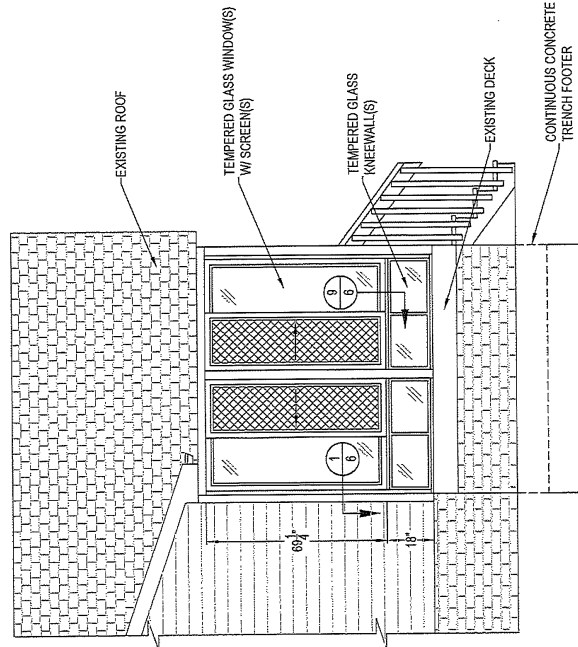
KURT HEINZ  
 5482 US 421 N  
 LILLINGTON, NC 27546  
 JOB #20053

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

5/27/20



ELEVATION - "C" WALL



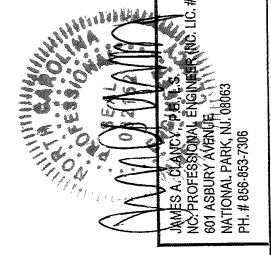
ELEVATION - "A" WALL



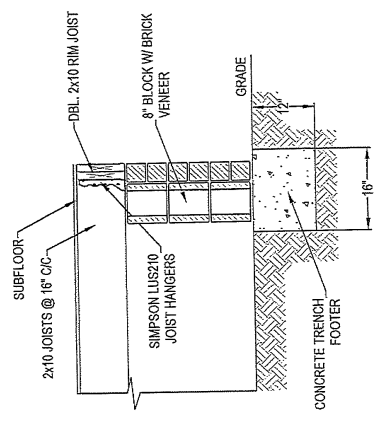
LOCATION  
 GDI - RALEIGH  
 951 AVIATION PKWY, SUITE 1000  
 MORRISVILLE, NC, 27560  
 984-212-8850

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

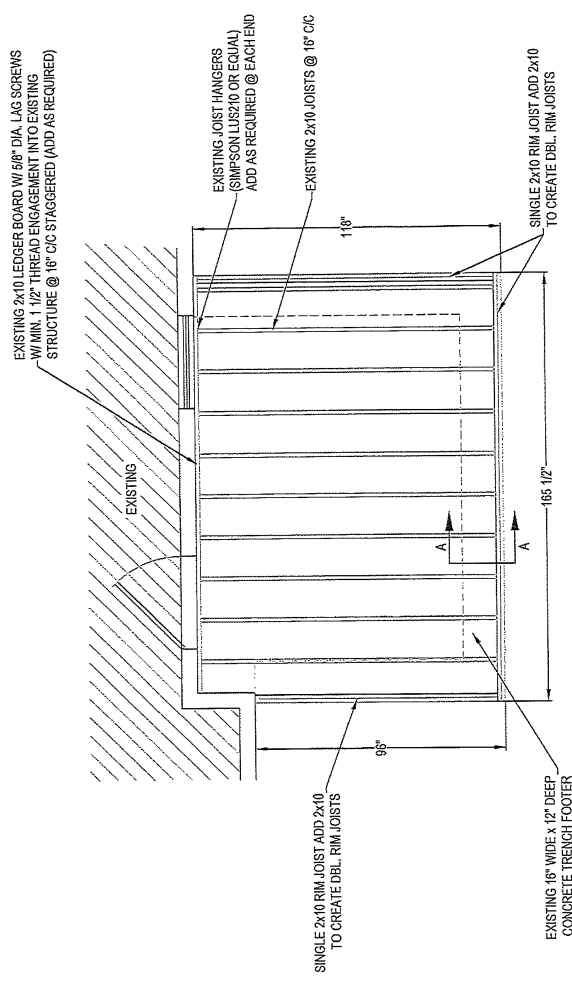
DATE	5/27/20
DRAWN	VNG
SCALE	AS NOTED
SHEET	4 OF 6



JAMES A. CLANCY, P.E.  
 NC-PROFESSIONAL ENGINEER (NO. LIC. #927162)  
 601 ASBURY AVENUE  
 NATIONAL PARK, N.C. 28063  
 PH. # 866-863-7206



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



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

NOTE:  
 ALL LUMBER TO BE SOUTHERN PINE



BY GREAT DAY IMPROVEMENTS, LLC

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

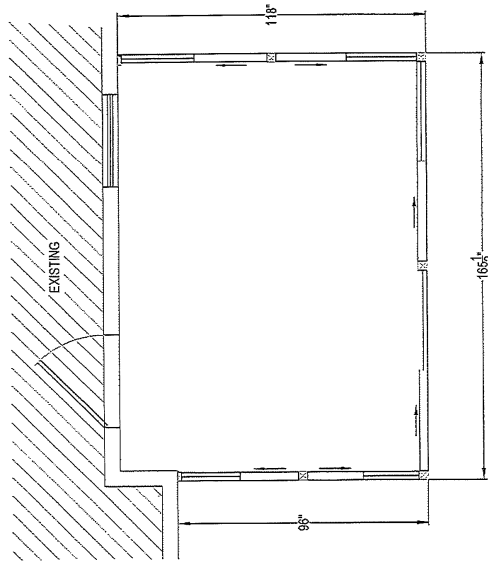
KURT HEINZ  
5482 US 421 N  
LILLINGTON, NC, 27546  
JOB #20059

DATE	5/27/20
DRAWN	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

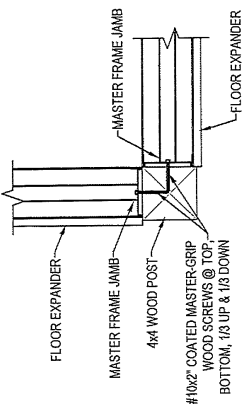


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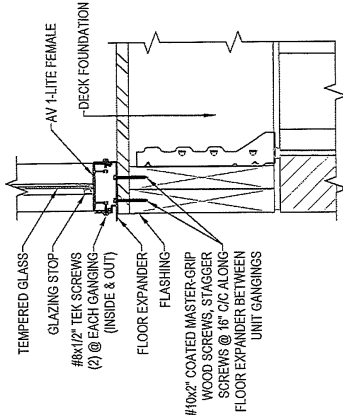
LOCATION  
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 951 AVIATION PKWY, SUITE 1000  
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KURT HEINZ  
 5482 US 421 N  
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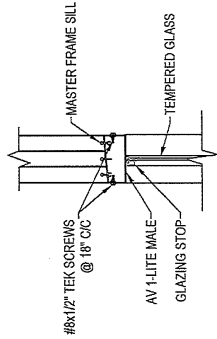
DATE	5/27/20
DRAWN	VNS
SCALE	1/12" = 1'-0"
SHEET	6 OF 6



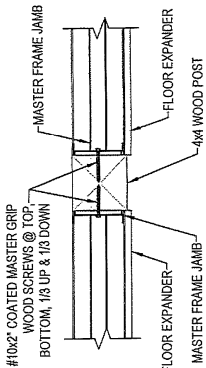
3 PLAN VIEW OF MASTER FRAME JAMBS  
 CONNECTION @ 4x4 WOOD POST



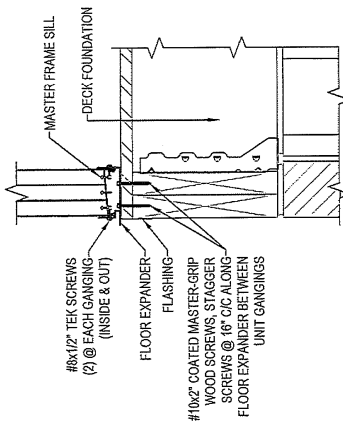
6 SECTION THROUGH GLASS KNEEWALL  
 CONNECTION @ DECK FOUNDATION



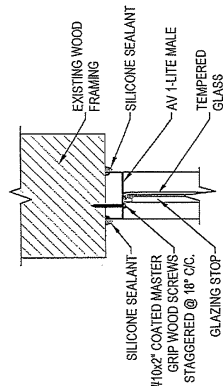
9 SECTION THROUGH MASTER FRAME SILL  
 CONNECTION @ GLASS KNEEWALL



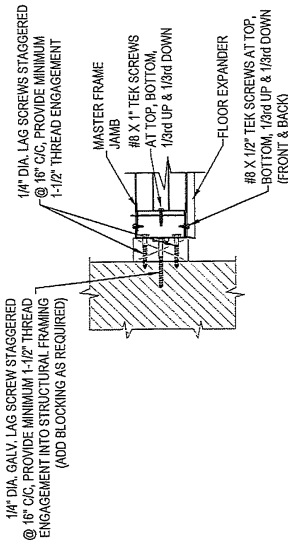
2 PLAN VIEW OF MASTER FRAME JAMBS  
 CONNECTION @ 4x4 WOOD POST



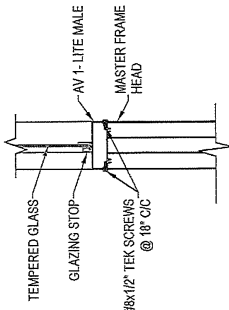
5 SECTION THROUGH MASTER FRAME SILL  
 CONNECTION @ DECK FOUNDATION



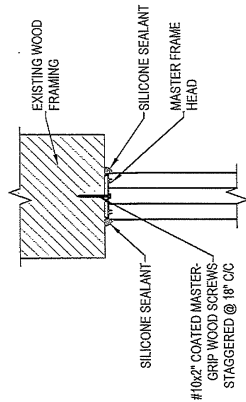
8 SECTION THROUGH GLASS TRANSOM  
 CONNECTION @ EXISTING HEADER



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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