

HOWARD COUNTY

GREAT DAY IMPROVEMENTS, BALTIMORE
KANDRA RESIDENCE

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

MINIMUM DESIGN LOADS: PER 2018 IRC

SUNROOM CATEGORY II (PER 2018 IRC R301.2.1.1.1 & AAMA / NPEA / NSA 2100))

SNOW LOADS:
1. GROUND SNOW LOAD 40 PSF

ULTIMATE DESIGN WIND SPEED: 115 MPH, 3 SEC. GUSTS

LIVE LOADS:
1. ROOF: 40 PSF
2. FLOOR: 40 PSF

NOTE: 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 CONCRETE
 3. NO HEAT OR ELECTRICAL BY GDI
 4. SUNROOM CONSIDERED AS NON-CONDITIONED SPACE, EXEMPT FROM ENERGY EFFICIENCY REQUIREMENTS (PER 2018 IRC SECTION N1102.1, NOTE 1.2)

THIS SUNROOM AND FOUNDATION HAVE BEEN EVALUATED FOR DESIGN LOADS REQUIRED BY THE IRC CODE. THIS INCLUDES ALL MATERIALS, COMPONENTS, CONNECTIONS, AND ATTACHMENTS WHEN CALCULATING THE LOAD REQUIREMENTS.

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31585, EXPIRATION DATE: 7/18/21."



JAMES A. CLANCY P.E., L.S.
MD PROFESSIONAL ENGINEER (MD LIC. # 31585)
601 ASBURY AVENUE
NATIONAL PARK, N.J. 08063
PH. # 856-853-7306

02-25-20

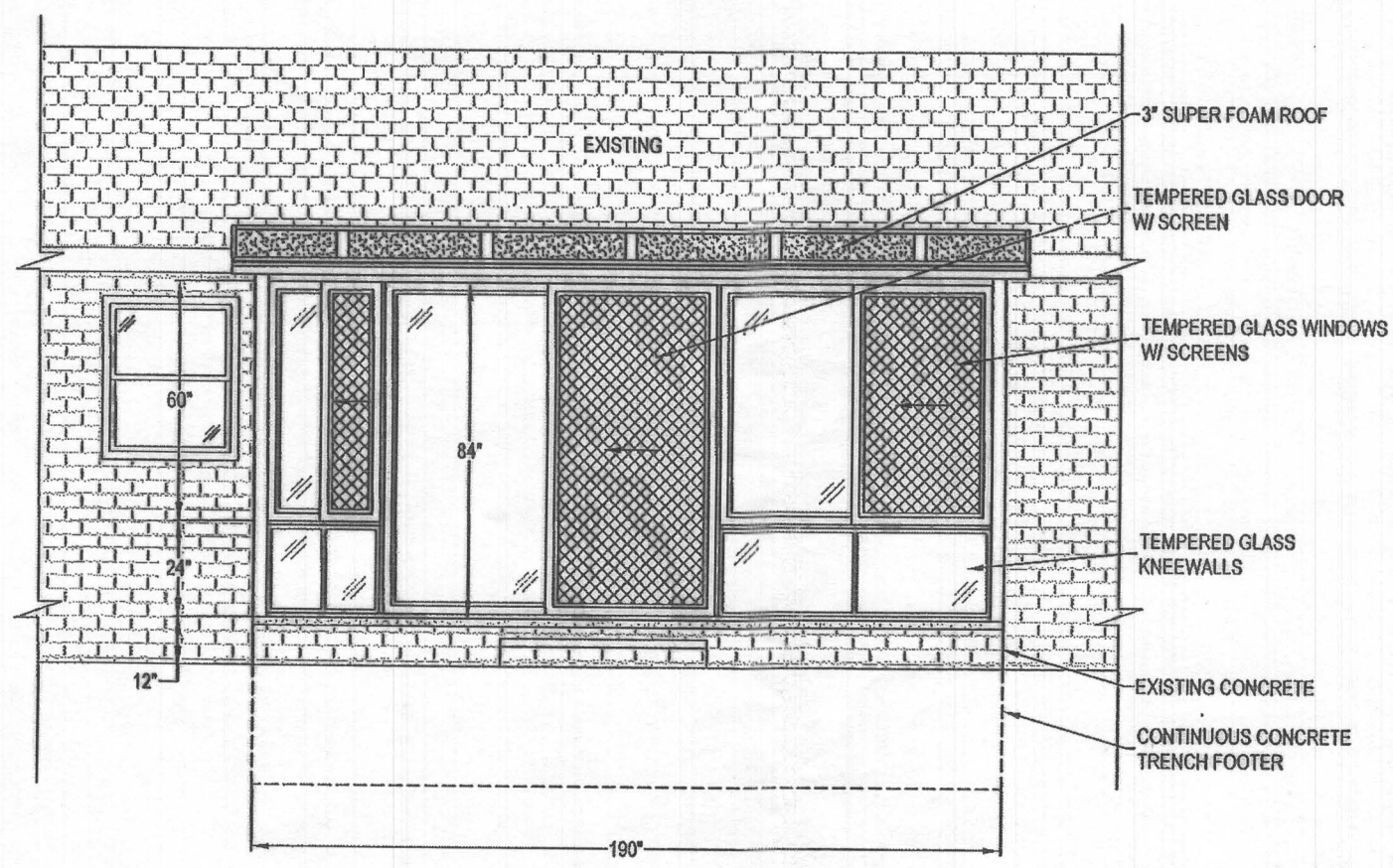
DATE 2/17/20
DRAWN DLF
SCALE 1/4" = 1'-0"
SHEET 1 OF 8

KAREN KANDRA
1545 OLD ANNAPOLIS ROAD
WOODBINE, MD. 21797
JOB #40780

LOCATION
GDI - BALTIMORE
501 McCORMICK DRIVE, SUITES D-F
GLEN BURNIE, MD 21061
410-760-1919



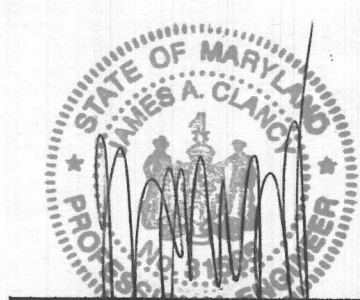
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ELEVATION - "B" WALL

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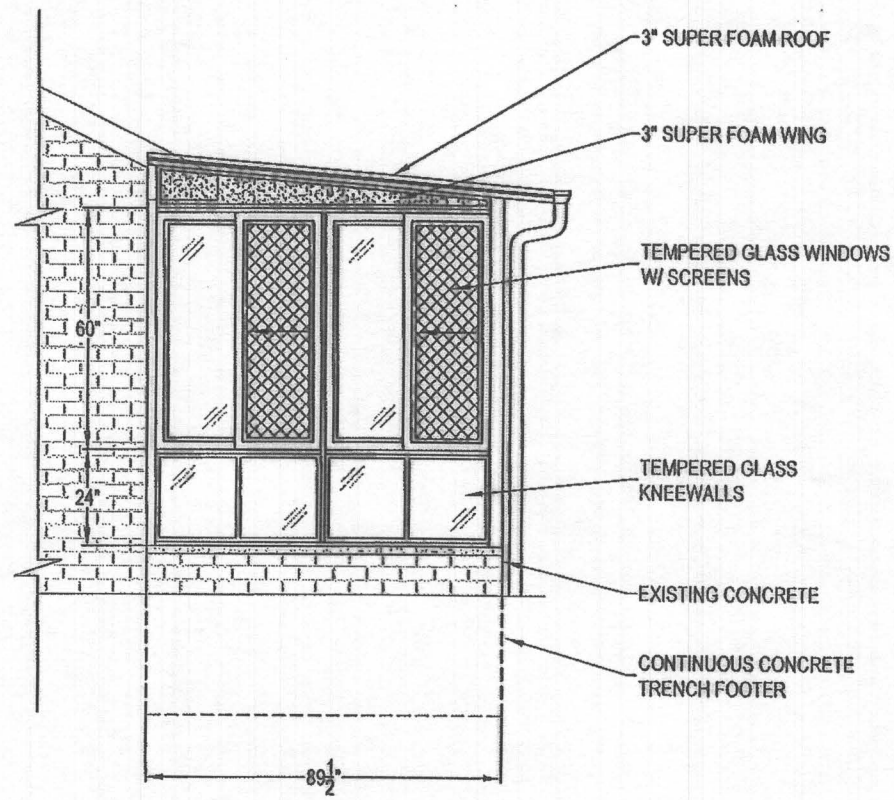


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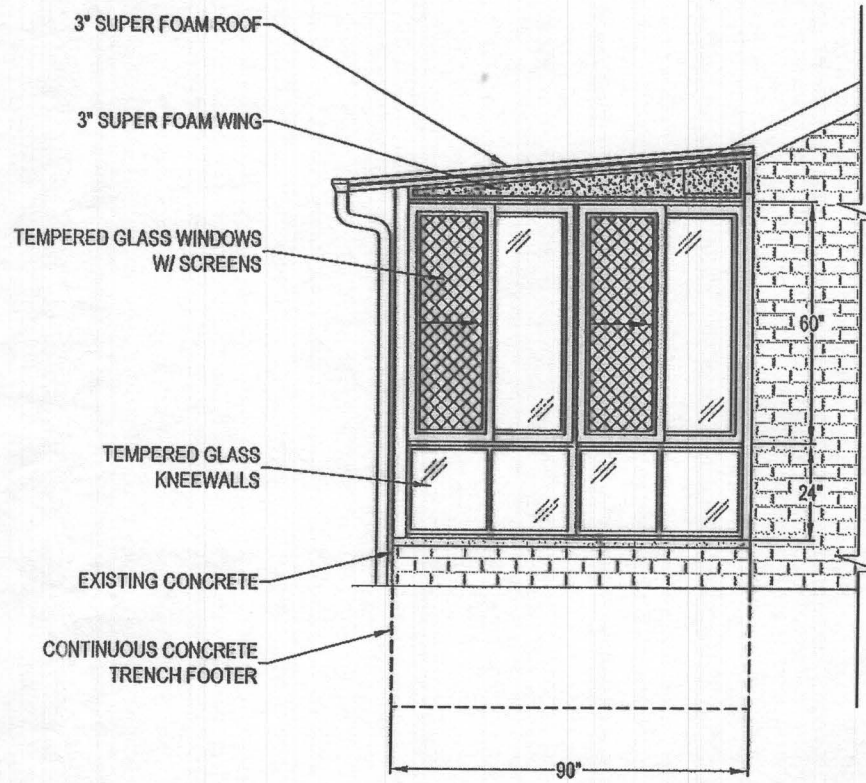
22-25-20

DATE	2/17/20
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SHEET	2 OF 8

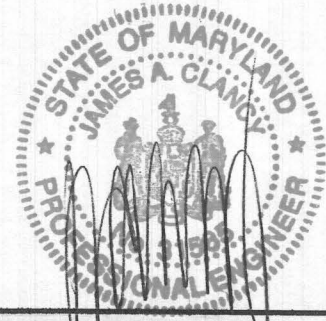
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ELEVATION - "A" WALL



ELEVATION - "C" WALL



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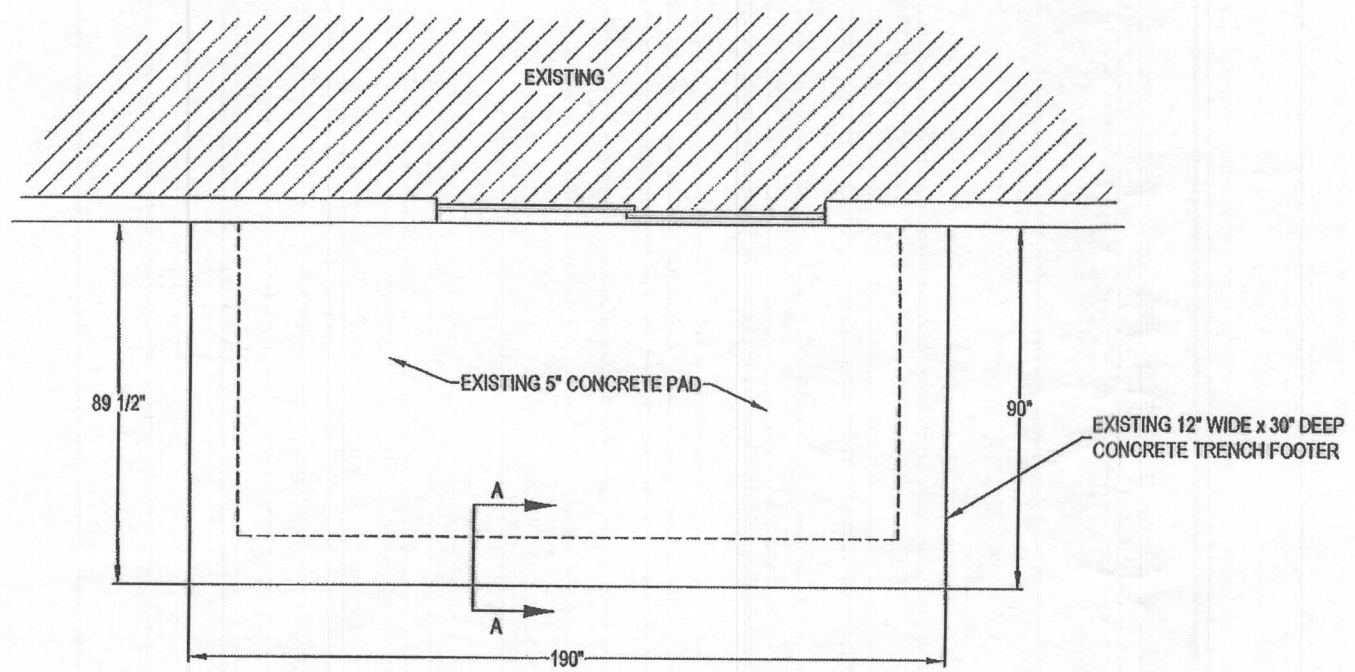
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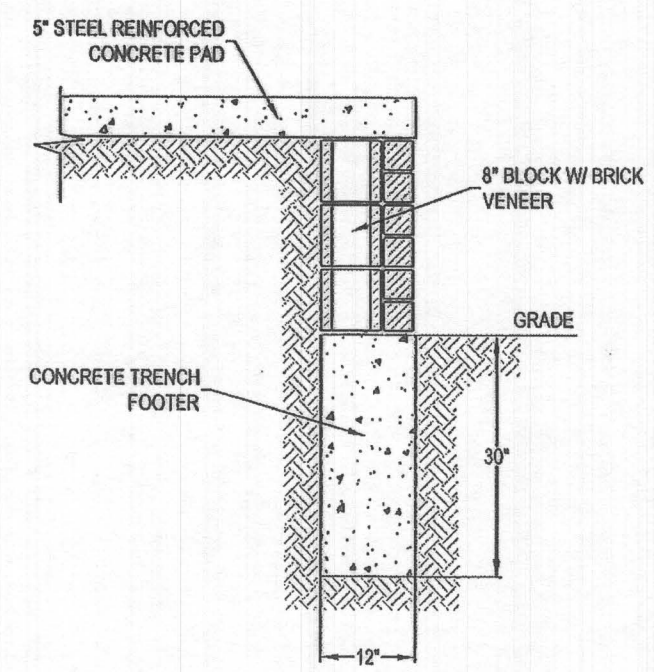
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SCALE	1/4" = 1'-0"
SHEET	3 OF 8

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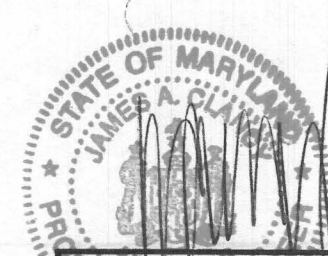
22-25-20



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



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



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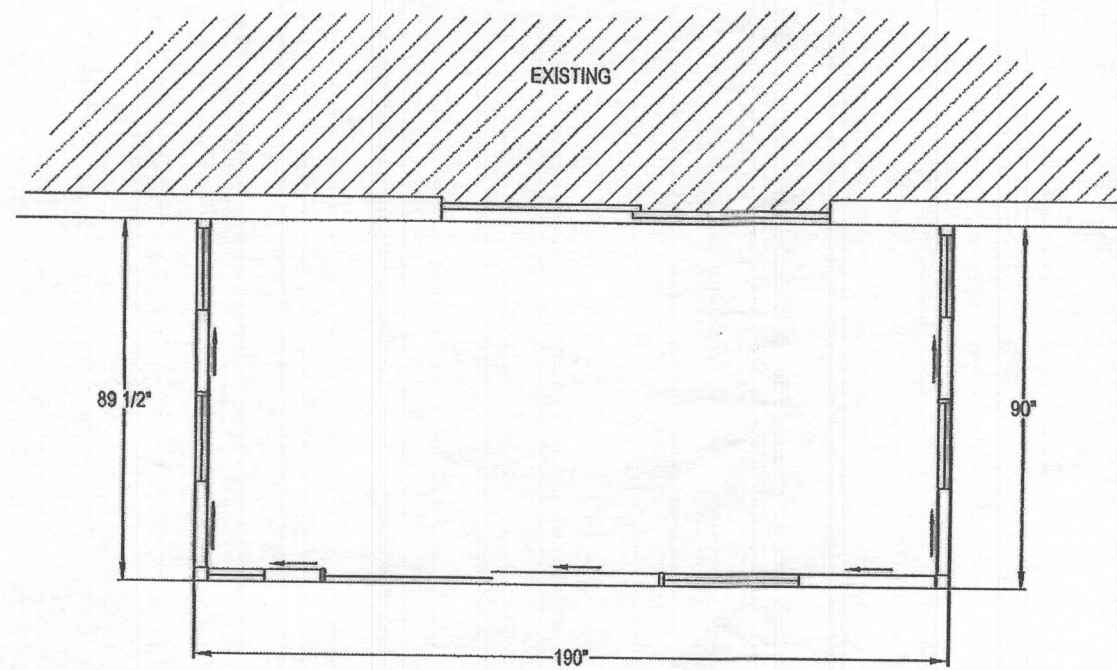
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SCALE	AS NOTED
SHEET	4 OF 8



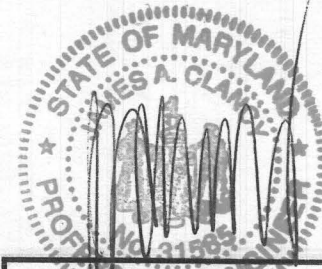
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FLOOR PLAN



JAMES A. CLANCY, P.E., L.S.
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09-25-20

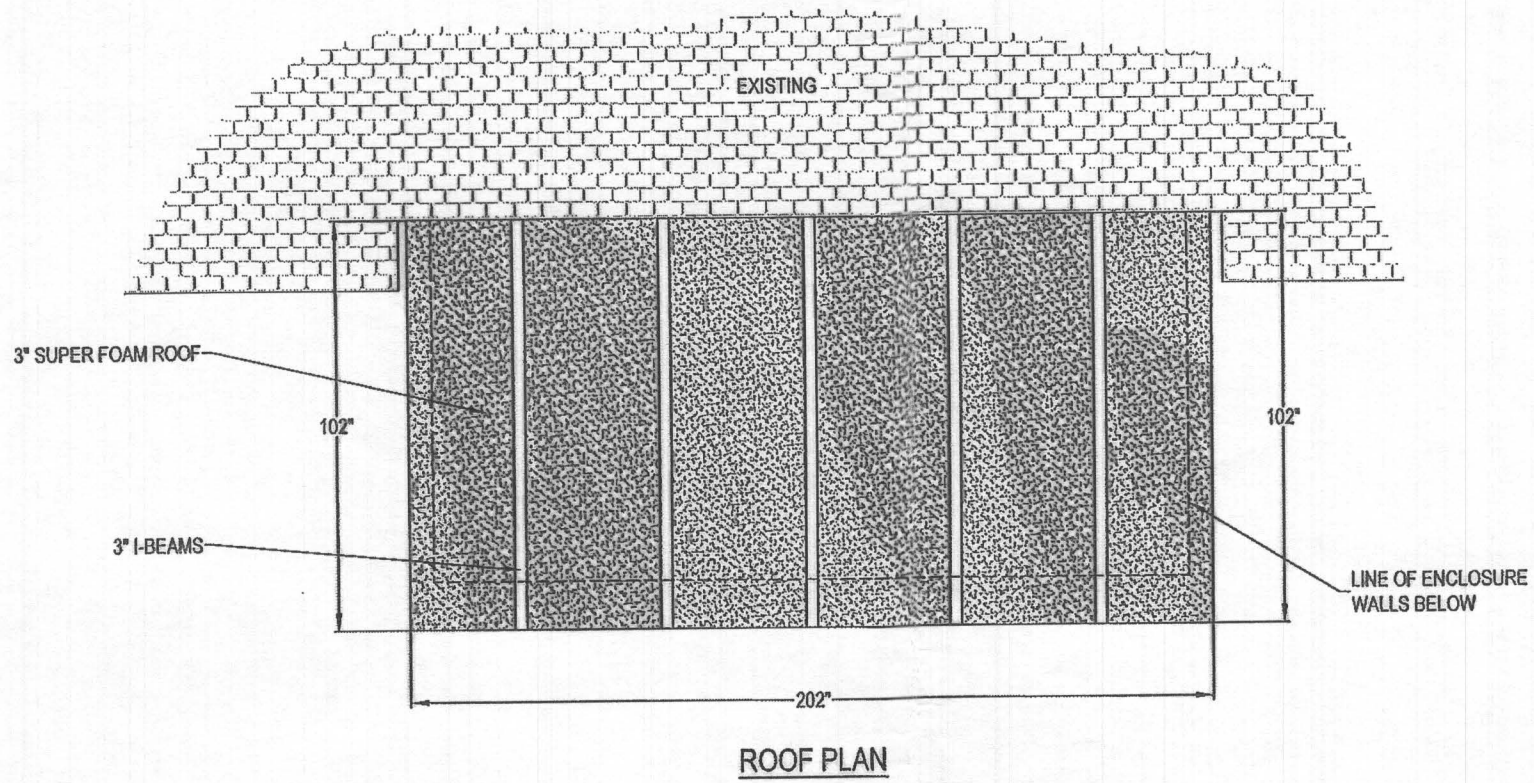
DATE	2/17/20
DRAWN	DLF
SCALE	1/4" = 1'-0"
SHEET	5 OF 8

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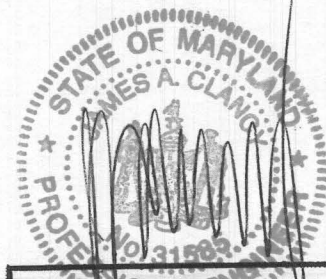


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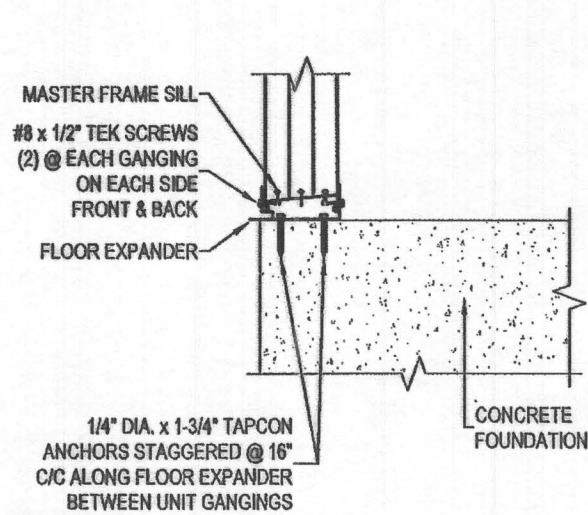


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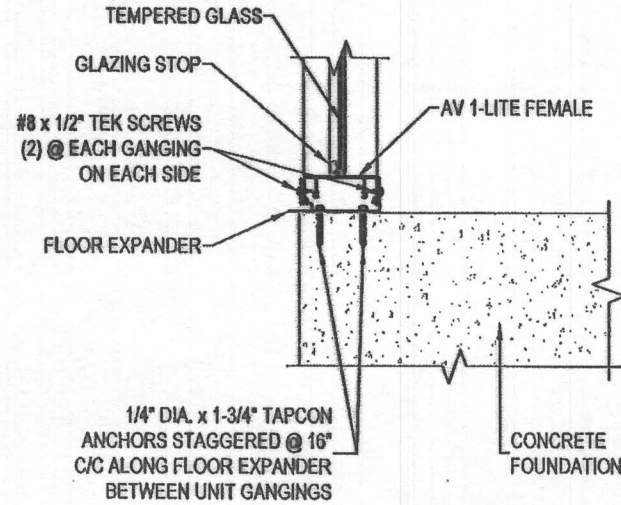
02-25-20

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SCALE	1/4" = 1'-0"
SHEET	6 OF 8

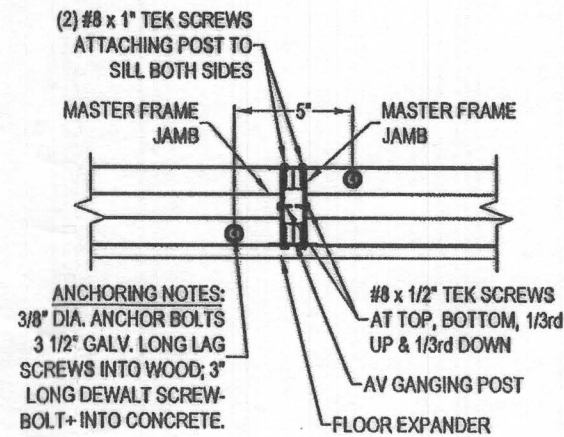
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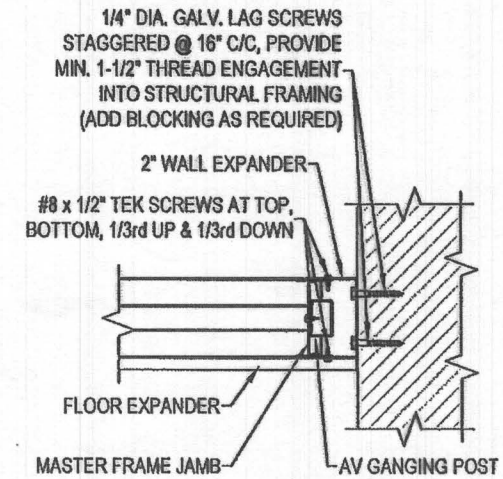
SECTION THROUGH MASTER FRAME SILL
CONNECTION @ CONCRETE FOUNDATION



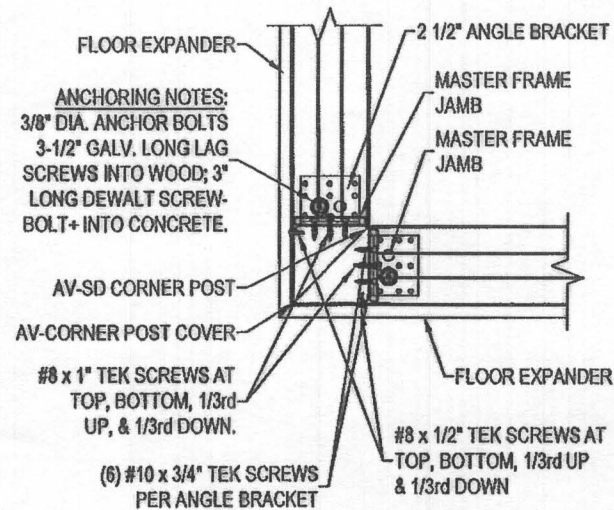
SECTION THROUGH GLASS KNEEWALL
CONNECTION @ CONCRETE FOUNDATION



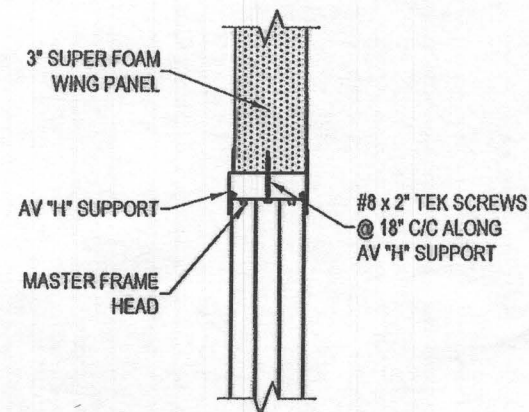
PLAN VIEW OF MASTER FRAME JAMBS
CONNECTION @ GANGING POST



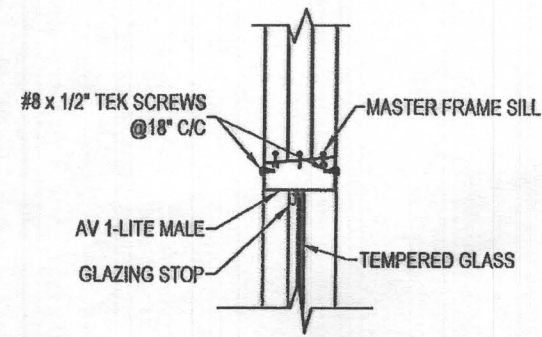
PLAN VIEW OF MASTER FRAME JAMB
CONNECTION @ EXISTING WALL



PLAN VIEW OF MASTER FRAME JAMBS
CONNECTION @ CORNER POST



SECTION THROUGH MASTER FRAME
HEAD CONNECTION @ FOAM WING



SECTION THROUGH MASTER FRAME SILL
CONNECTION @ GLASS KNEEWALL



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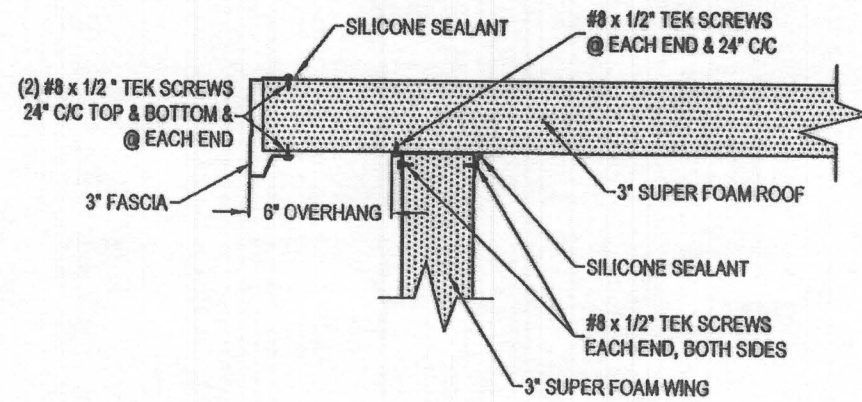
BY GREAT DAY IMPROVEMENTS, LLC

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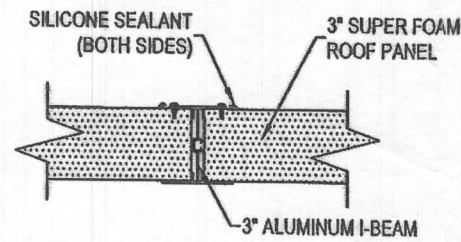
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SHEET 7 OF 8

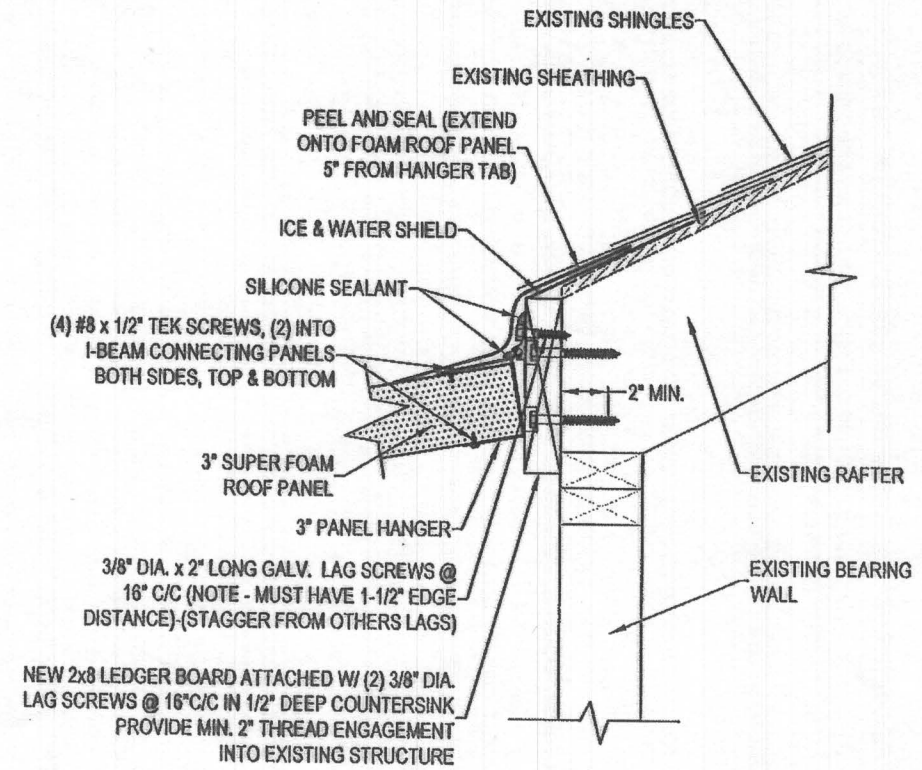
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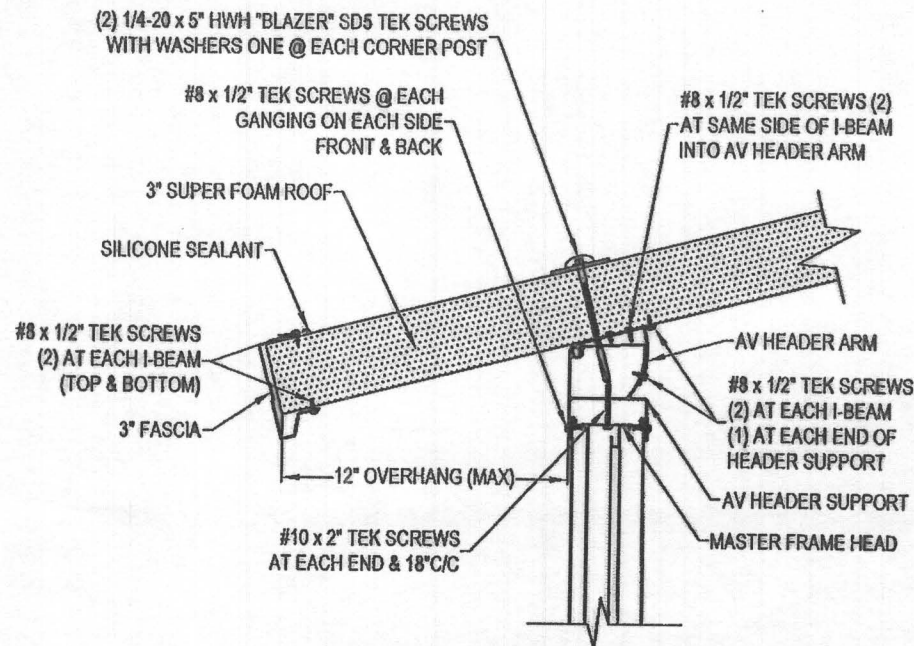
SECTION THROUGH 3" SUPER FOAM ROOF PANEL CONNECTION @ 3" SUPER FOAM WING PANEL



SECTION THROUGH 3" ROOF CONNECTION @ I-BEAM



SECTION THROUGH 3" SUPER FOAM ROOF & PANEL HANGER ASSEMBLY CONNECTION @ OVERHANG CUT OFF



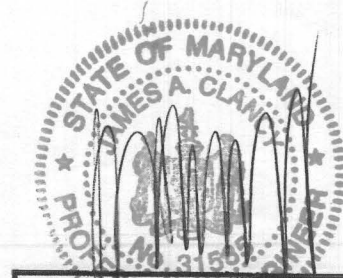
SECTION THROUGH MASTER FRAME & HEADER CONNECTION @ 3" SUPER FOAM ROOF



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