



GREAT DAY IMPROVEMENTS, CLEVELAND
 MOCKUS RESIDENCE

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

MINIMUM DESIGN LOADS: PER 2019 RCO / 2018 IRC
 W/ OH AMENDMENTS

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

SNOW LOADS: GROUND SNOW LOAD 20 PSF

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

LIVE LOADS:

1. ROOF: 20 PSF
2. FLOOR: 40 PSF

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

NOTES:

1. ALLVIEW (AAS) SUNROOM; BRONZE IN COLOR
2. CONSTRUCT SUNROOM ON EXISTING CONCRETE
3. NO HEAT BY GDI; ELECTRICAL BY GDI
4. THIS SUNROOM IS CONSIDERED AS NON-CONDITIONED SPACE, EXEMPT FROM ENERGY REQUIREMENTS (PER 2018 IRC SECTION N1102.1, NOTE 1.2)

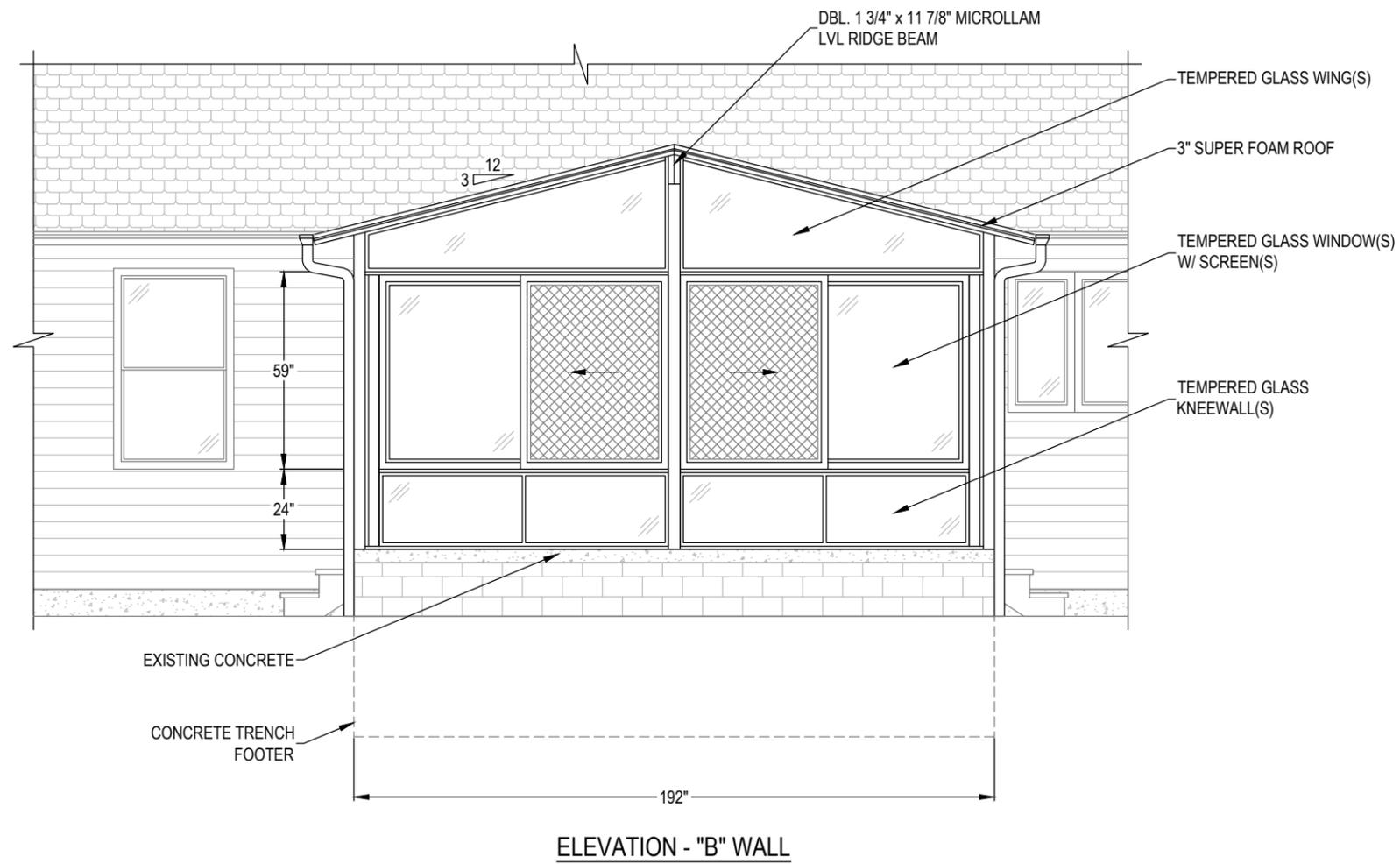
ALLOWABLE SOIL PRESSURE CONSIDERED
 (PRESUMPTIVE) = 1500 PSF

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.

ERIC OETJEN, P.E., M. ENG.
 OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
 5 GREENE STREET
 FORT THOMAS, KY. 41075
 PH. # 859-393-9049

LOCATION	GDI - CLEVELAND 700 EAST HIGHLAND ROAD MACEDONIA, OH 44056 330-467-4267
REV. A 5/25/22	CATHY MOCKUS 6598 MEADOW FARM DRIVE HUDSON, OH 44236 JOB #42339
DATE	4/6/22
DRAWN	MTS
SCALE	1/4" = 1'-0"
SHEET	1 OF 9

THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



ELEVATION - "B" WALL

LOCATION
 GDI - CLEVELAND
 700 EAST HIGHLAND ROAD
 MACEDONIA, OH 44056
 330-467-4267

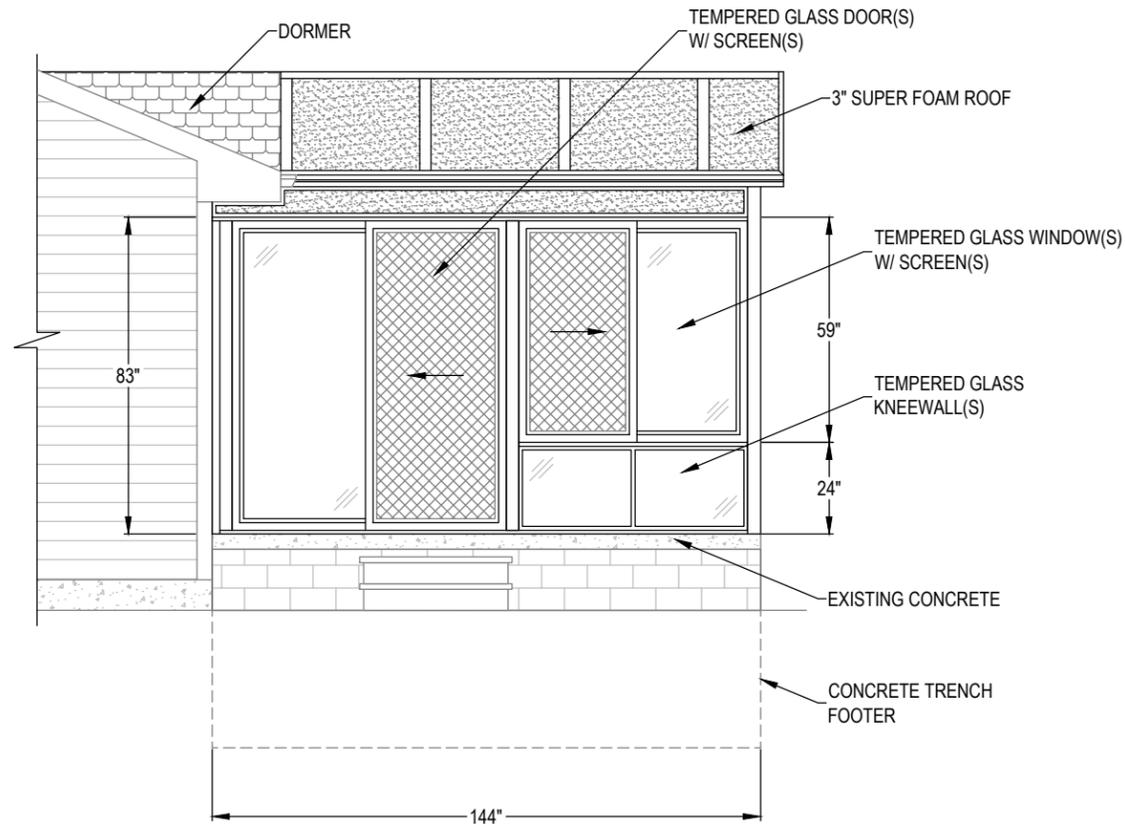
CATHY MOCKUS
 6598 MEADOW FARM DRIVE
 HUDSON, OH 44236
 JOB #42339

REV. A	5/25/22
DATE	4/6/22

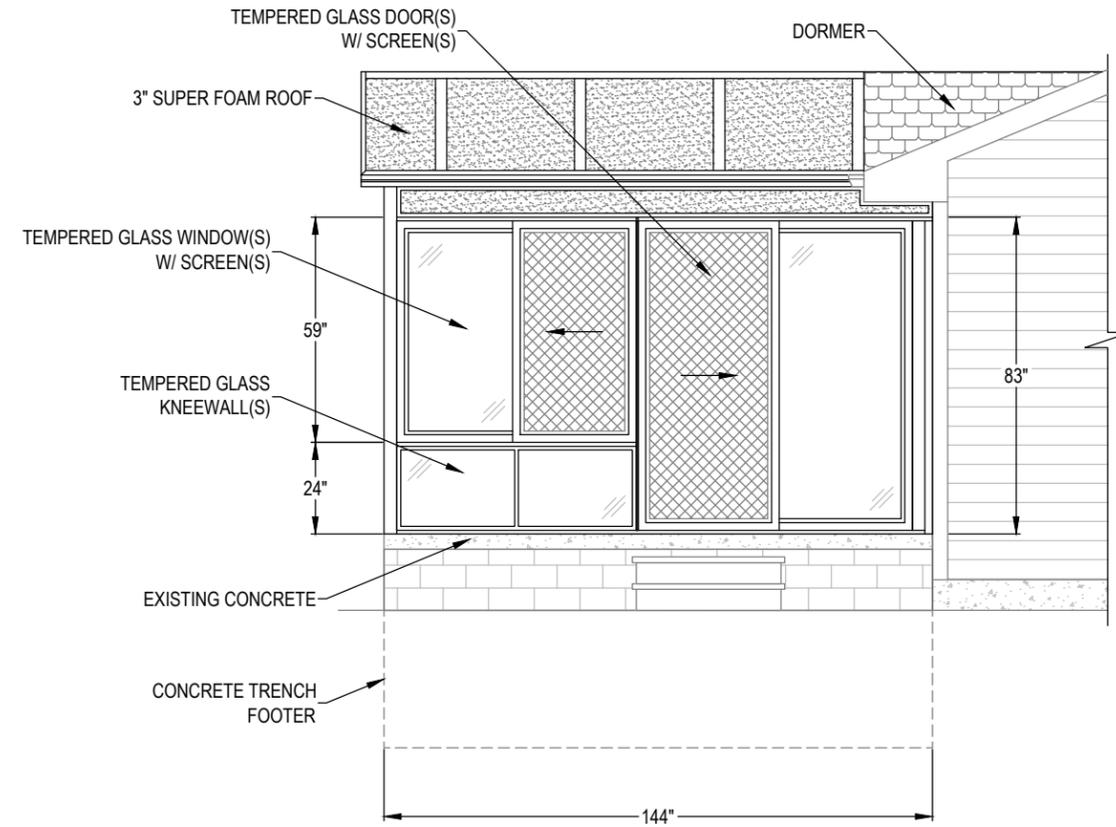
ERIC OETJEN, P.E., M. ENG.
 OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
 5 GREENE STREET
 FORT THOMAS, KY. 41075
 PH. # 859-393-9049

DRAWN MTS
 SCALE 1/4" = 1'-0"
 SHEET 2 OF 9

THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



ELEVATION - "A" WALL



ELEVATION - "C" WALL

LOCATION
 GDI - CLEVELAND
 700 EAST HIGHLAND ROAD
 MACEDONIA, OH 44056
 330-467-4267

CATHY MOCKUS
 6598 MEADOW FARM DRIVE
 HUDSON, OH 44236
 JOB #42339

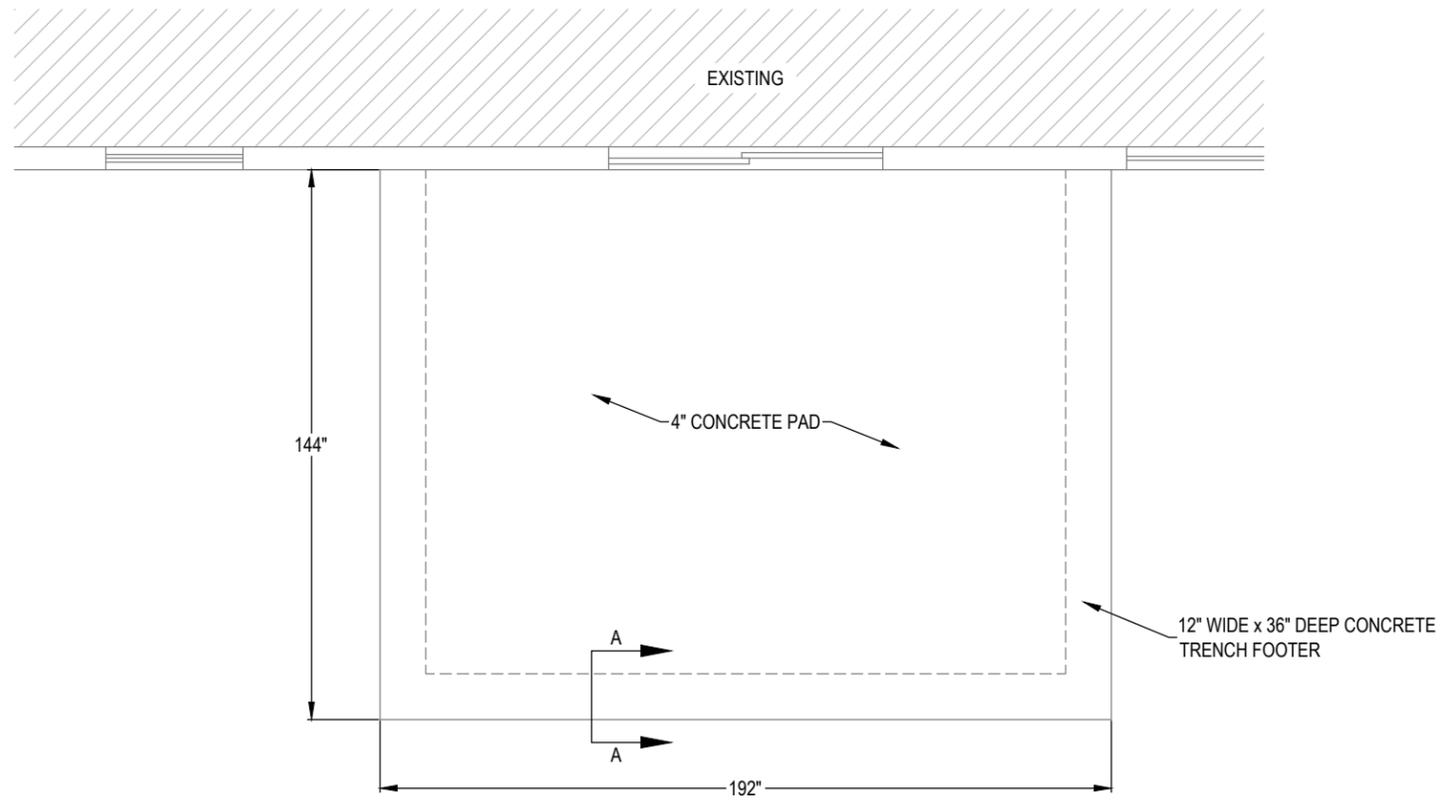
REV. A	5/25/22

DATE
 4/6/22

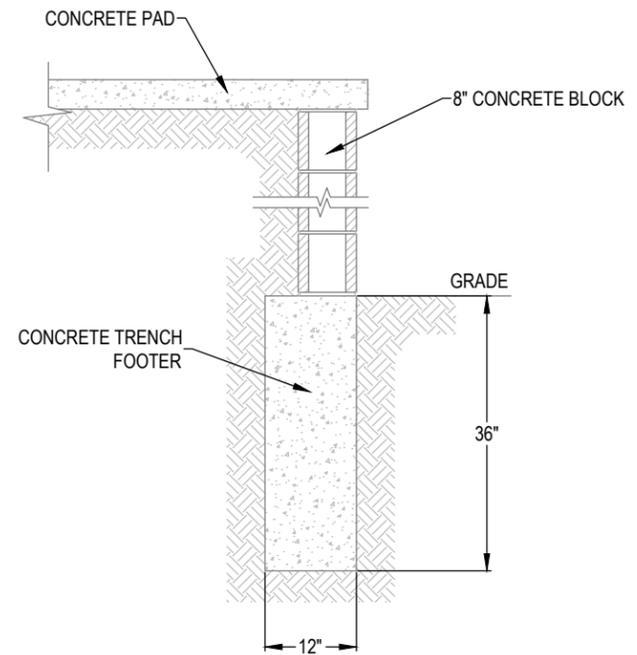
ERIC OETJEN, P.E., M. ENG.
 OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
 5 GREENE STREET
 FORT THOMAS, KY. 41075
 PH. # 859-393-9049

DRAWN
 MTS
 SCALE
 1/4" = 1'-0"
 SHEET
 3 OF 9

THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



EXISTING CONCRETE PLAN
SCALE: 1/4" = 1'-0"



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

ERIC OETJEN, P.E., M. ENG.
OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
5 GREENE STREET
FORT THOMAS, KY. 41075
PH. # 859-393-9049

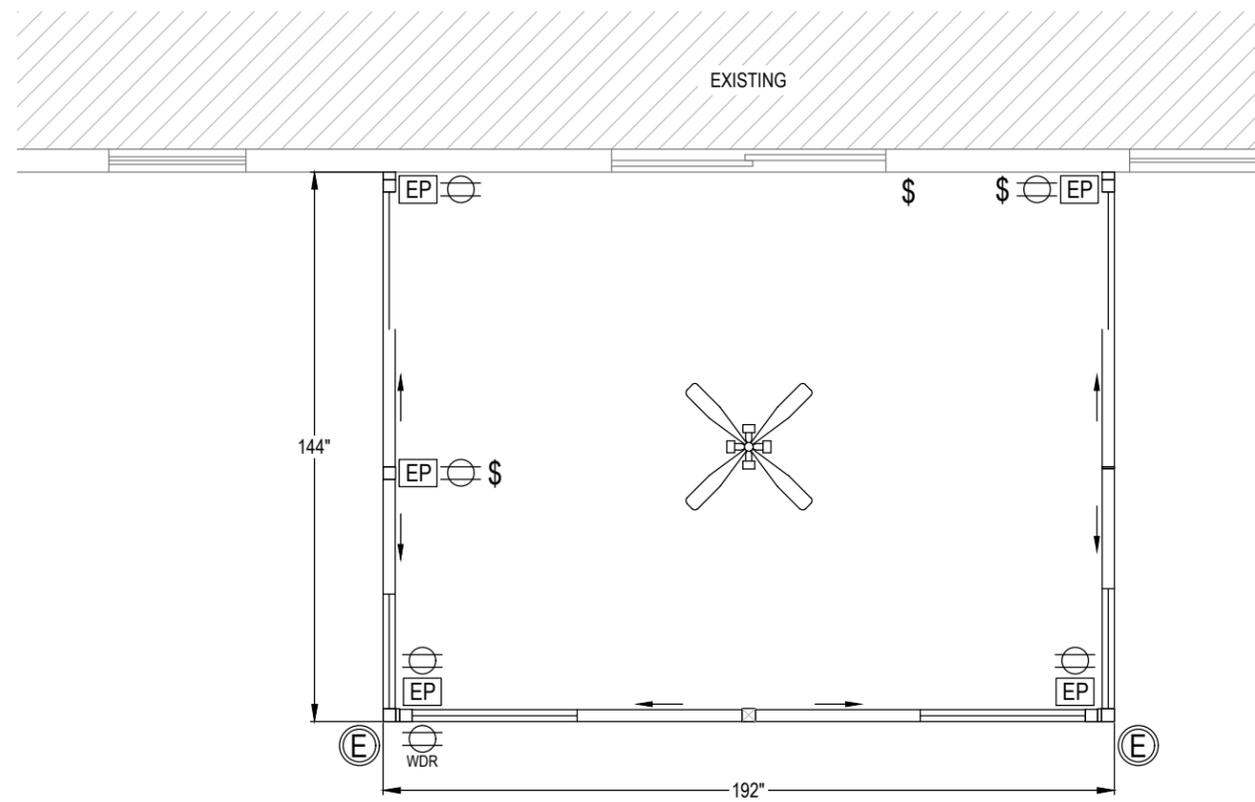
REV. A	5/25/22
DATE	4/6/22
DRAWN	MTS
SCALE	AS NOTED
SHEET	4 OF 9

CATHY MOCKUS
6598 MEADOW FARM DRIVE
HUDSON, OH 44236
JOB #42339

LOCATION
GDI - CLEVELAND
700 EAST HIGHLAND ROAD
MACEDONIA, OH 44056
330-467-4267



THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



ELECTRICAL PLAN

GDI ELECTRICAL SYMBOL LEGEND

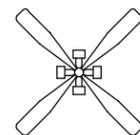
EP ELECTRICAL RACEWAY POST

⊕ DUPLEX RECEPTACLE

⊕ WDR WEATHERPROOF DUPLEX RECEPTACLE (W/ GFCI)

ⓔ EXIT LIGHT

\$ SWITCH



CEILING FAN W/ LIGHT

ENGINEER'S STAMP APPLIES TO SUNROOM STRUCTURE; ELECTRICAL BY OTHERS

ERIC OETJEN, P.E., M. ENG.
OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
5 GREENE STREET
FORT THOMAS, KY. 41075
PH. # 859-393-9049

LOCATION

GDI - CLEVELAND
700 EAST HIGHLAND ROAD
MACEDONIA, OH 44056
330-467-4267

CATHY MOCKUS
6598 MEADOW FARM DRIVE
HUDSON, OH 44236
JOB #42339

REV. A 5/25/22

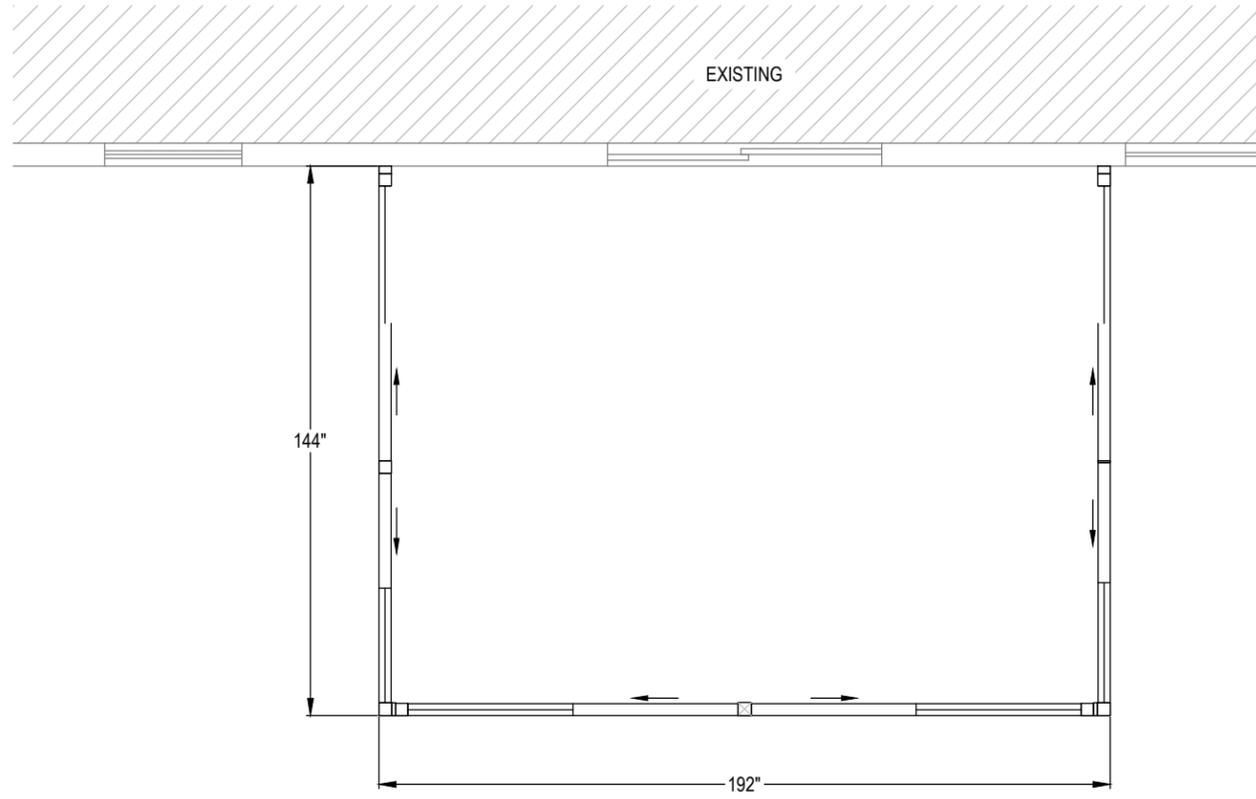
DATE 4/6/22

DRAWN MTS

SCALE 1/4" = 1'-0"

SHEET 5 OF 9

THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



FLOOR PLAN

ERIC OETJEN, P.E., M. ENG.
 OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
 5 GREENE STREET
 FORT THOMAS, KY. 41075
 PH. # 859-393-9049

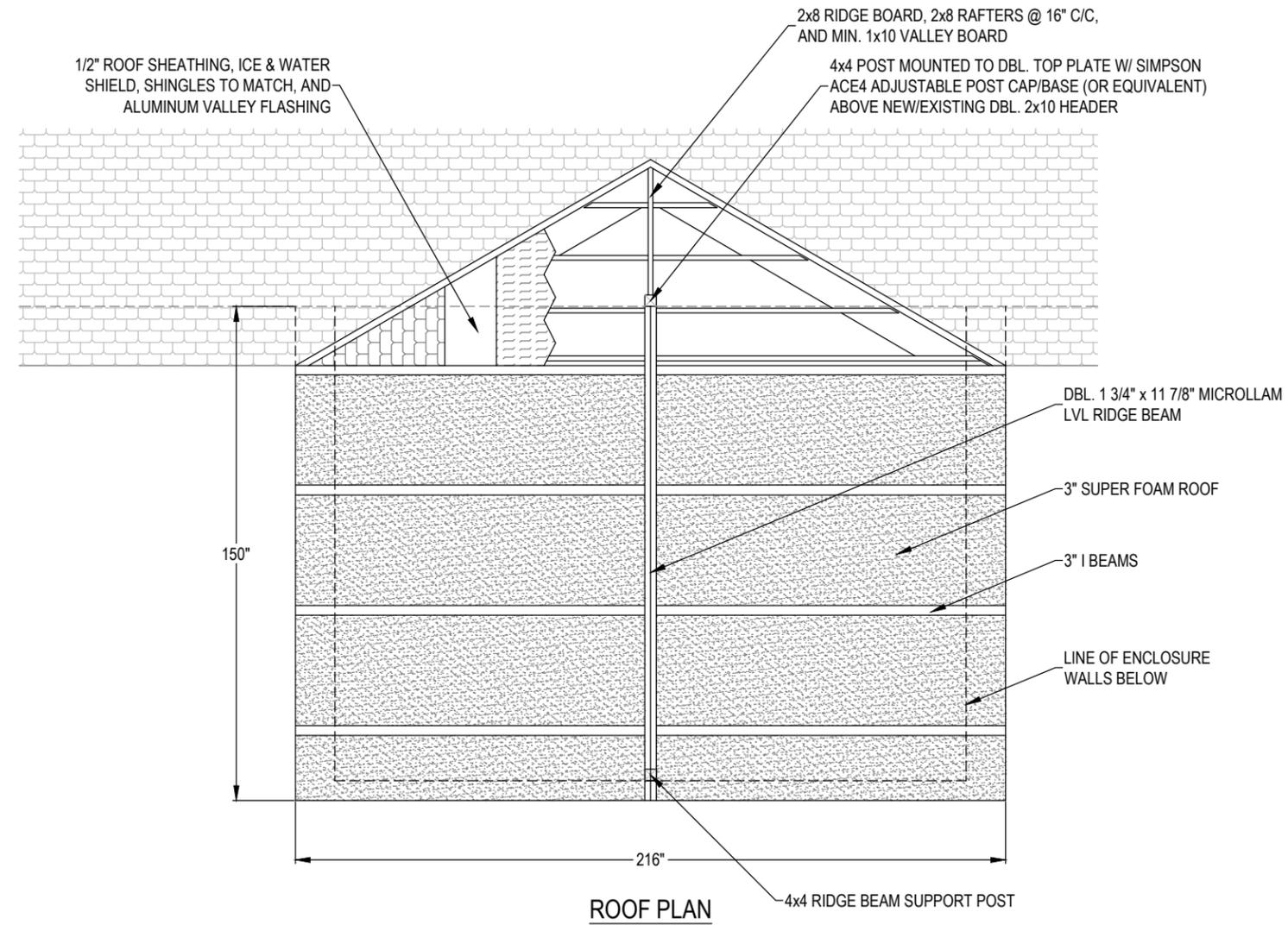
REV. A	5/25/22
DATE	4/6/22
DRAWN	MTS
SCALE	1/4" = 1'-0"
SHEET	6 OF 9

CATHY MOCKUS
 6598 MEADOW FARM DRIVE
 HUDSON, OH 44236
 JOB #42339

LOCATION
 GDI - CLEVELAND
 700 EAST HIGHLAND ROAD
 MACEDONIA, OH 44056
 330-467-4267



THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



LOCATION
 GDI - CLEVELAND
 700 EAST HIGHLAND ROAD
 MACEDONIA, OH 44056
 330-467-4267

CATHY MOCKUS
 6598 MEADOW FARM DRIVE
 HUDSON, OH 44236
 JOB #42339

REV. A	5/25/22

DATE
 4/6/22

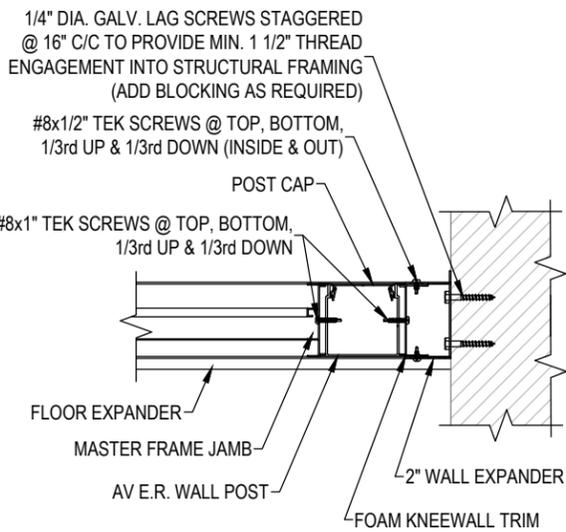
ERIC OETJEN, P.E., M. ENG.
 OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
 5 GREENE STREET
 FORT THOMAS, KY. 41075
 PH. # 859-393-9049

DRAWN
 MTS

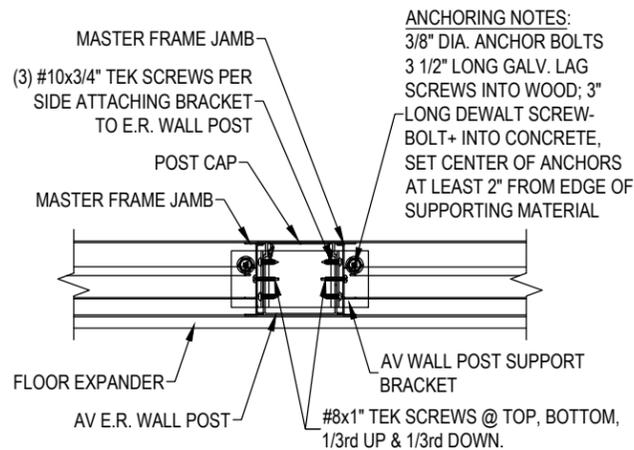
SCALE
 1/4" = 1'-0"

SHEET
 7 OF 9

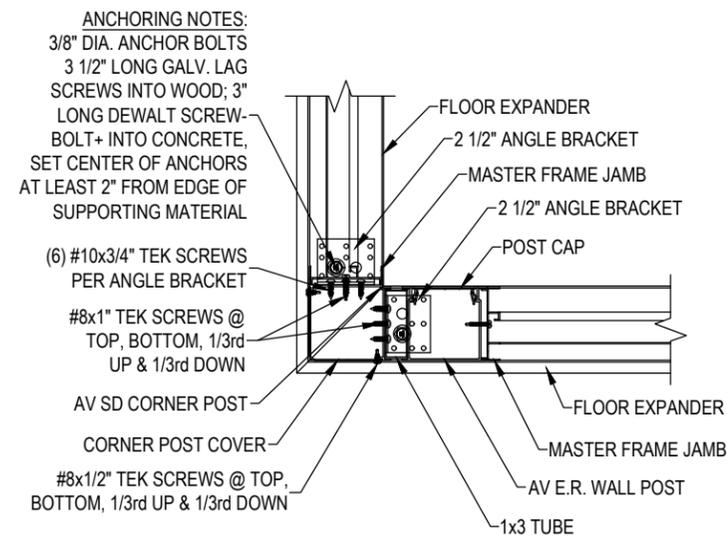
THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.



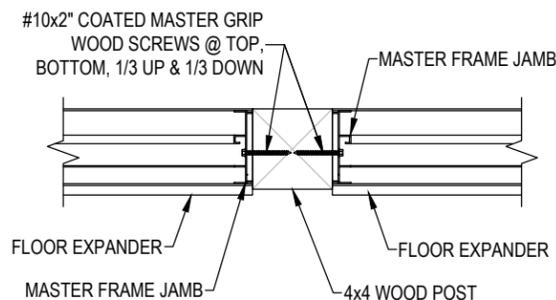
PLAN VIEW OF MASTER FRAME JAMB & AV E.R. WALL POST CONNECTION @ EXISTING WALL



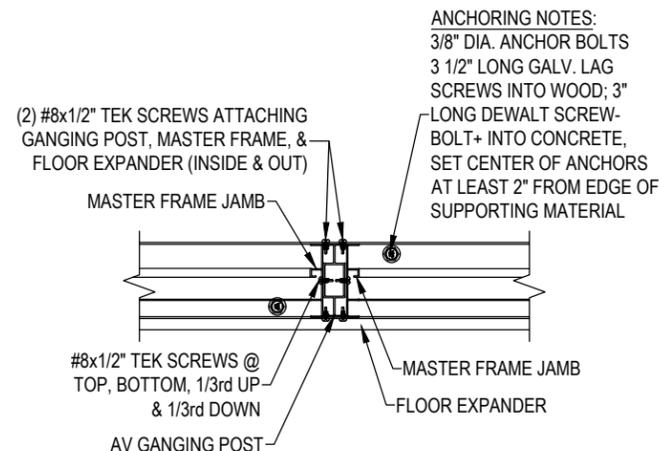
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ AV E.R. WALL POST



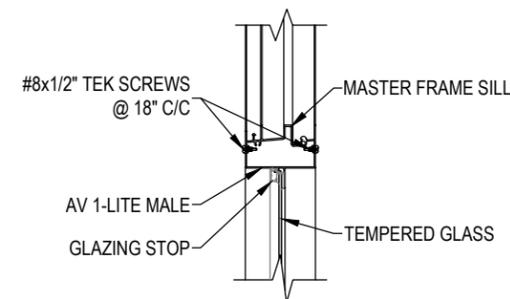
PLAN VIEW OF MASTER FRAME JAMBS & AV E.R. WALL POST CONNECTION @ CORNER POST



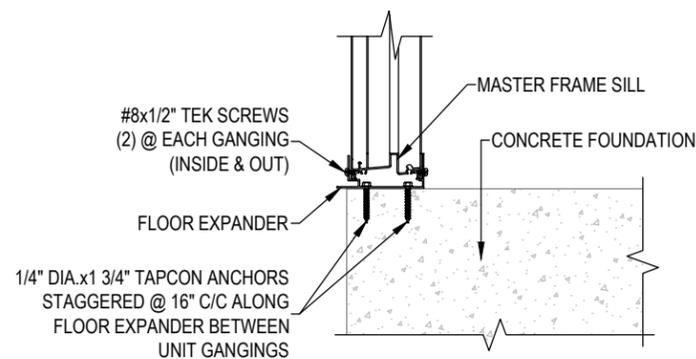
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ 4x4 WOOD POST



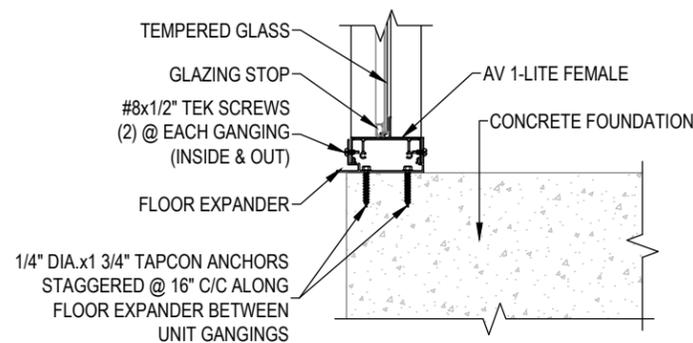
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ GANGING POST



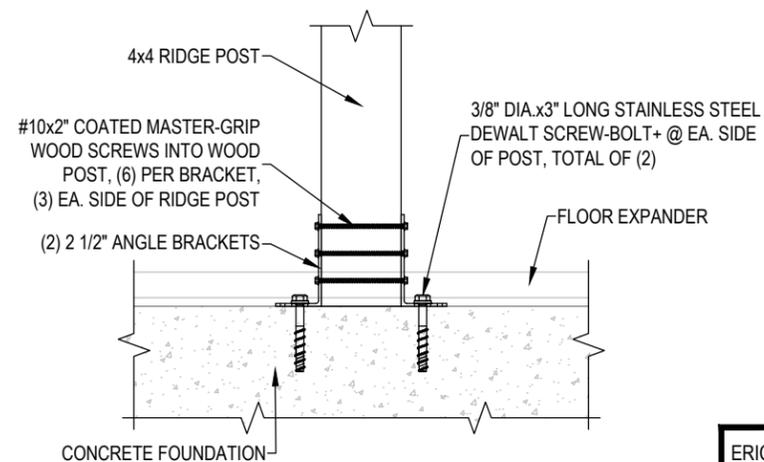
SECTION THROUGH MASTER FRAME SILL CONNECTION @ GLASS KNEEWALL



SECTION THROUGH MASTER FRAME SILL CONNECTION @ CONCRETE FOUNDATION



SECTION THROUGH GLASS KNEEWALL CONNECTION @ CONCRETE FOUNDATION



FRONT VIEW THROUGH 4x4 RIDGE POST CONNECTION @ CONCRETE FOUNDATION



LOCATION
GDI - CLEVELAND
700 EAST HIGHLAND ROAD
MACEDONIA, OH 44056
330-467-4267

CATHY MOCKUS
6698 MEADOW FARM DRIVE
HUDSON, OH 44236
JOB #42339

REV. A 5/25/22

DATE
4/6/22

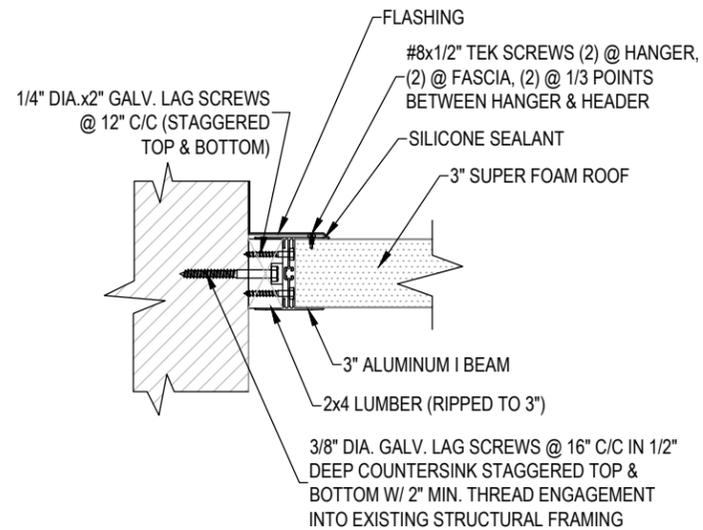
DRAWN
MTS

SCALE
1 1/2" = 1'-0"

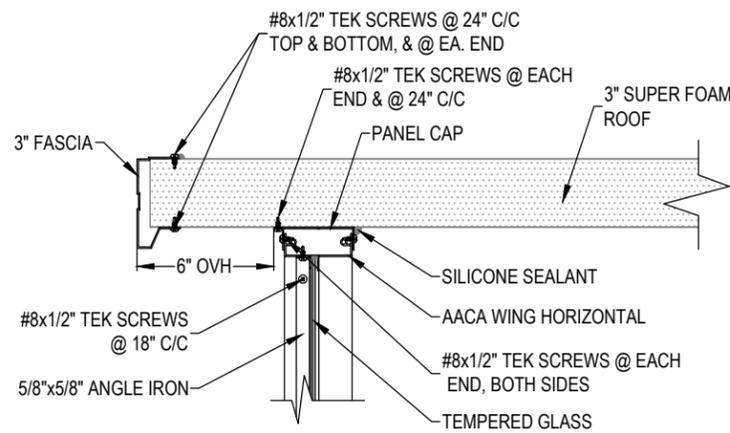
SHEET
8 OF 9

ERIC OETJEN, P.E., M. ENG.
OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
5 GREENE STREET
FORT THOMAS, KY. 41075
PH. # 859-393-9049

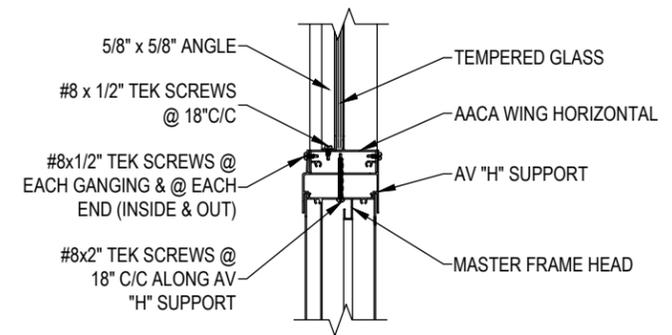
THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED



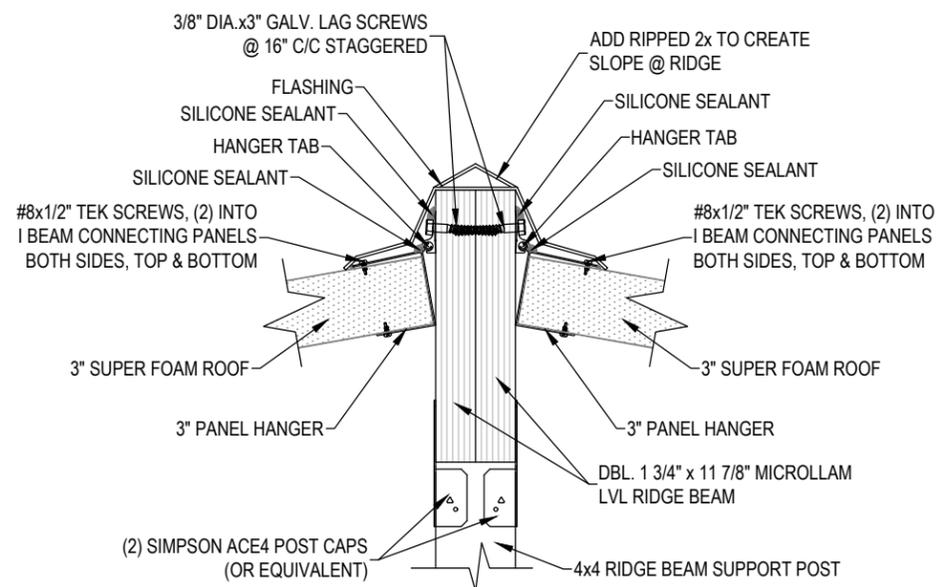
3" ROOF PANEL & I BEAM
CONNECTION @ EXISTING WALL



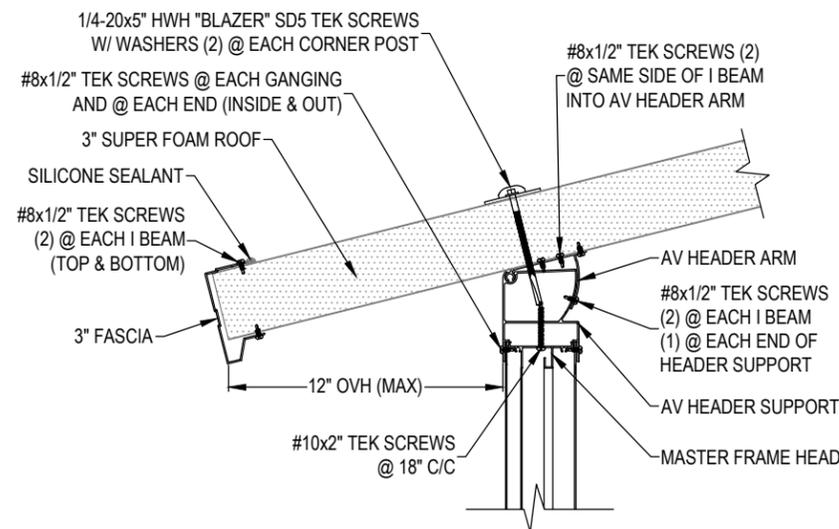
SECTION THROUGH 3" SUPER FOAM ROOF
PANEL CONNECTION @ GLASS WING



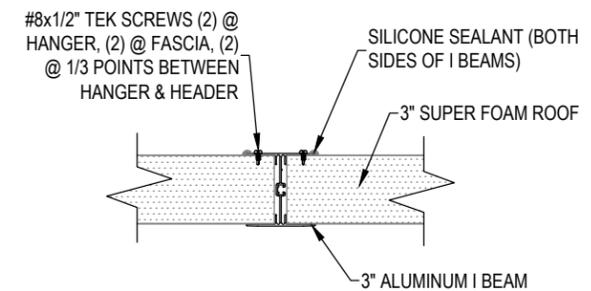
SECTION THROUGH "H" & MASTER FRAME
HEAD CONNECTION @ GLASS WING



SECTION THROUGH 3" SUPER FOAM ROOF & PANEL
HANGER ASSEMBLY CONNECTION @ RIDGE BEAM



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



SECTION THROUGH 3" ROOF
CONNECTION @ I BEAM



LOCATION
GDI - CLEVELAND
700 EAST HIGHLAND ROAD
MACEDONIA, OH 44056
330-467-4267

CATHY MOCKUS
6598 MEADOW FARM DRIVE
HUDSON, OH 44236
JOB #42339

REV. A	5/25/22		
--------	---------	--	--

DATE
4/6/22

ERIC OETJEN, P.E., M. ENG.
OH. PROFESSIONAL ENGINEER (OH. LIC. #84737)
5 GREENE STREET
FORT THOMAS, KY. 41075
PH. # 859-393-9049

DRAWN	MTS
SCALE	1 1/2" = 1'-0"
SHEET	9 OF 9

THIS DRAWING IS PROPERTY OF GREAT DAY IMPROVEMENTS, LLC., AND DUPLICATION OF THIS DRAWING WITHOUT OUR EXPRESSED WRITTEN CONSENT IS PROHIBITED. ALL RIGHTS RESERVED.

Example Rendering









