

FRONT ELEVATION 2
SCALE: 1/8" = 1'-0"



REAR ELEVATION 2
SCALE: 1/8" = 1'-0"

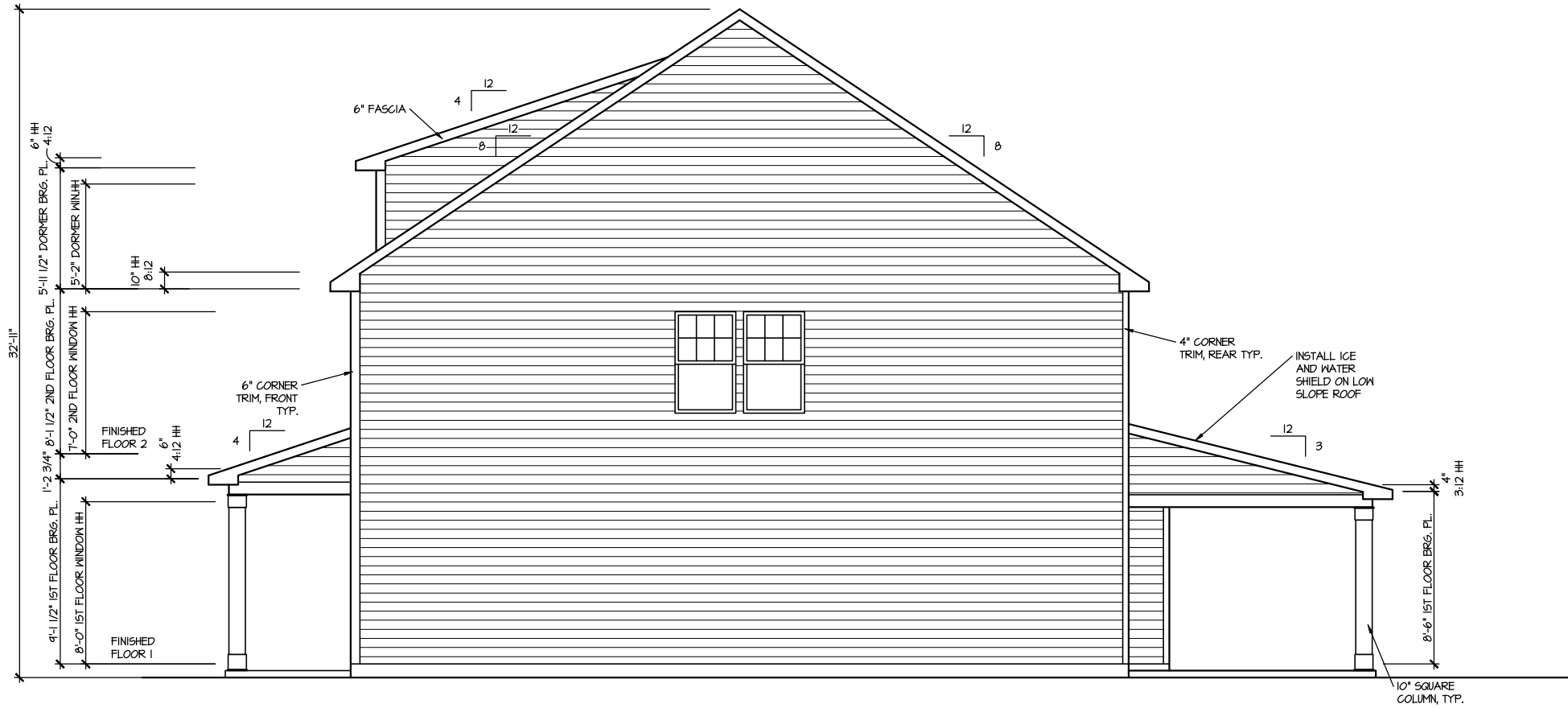
MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
UPDATED DATE	08-10-2022

DRAWN BY:	ITS
DATE:	07/26/2023
PLAN NO.	2491



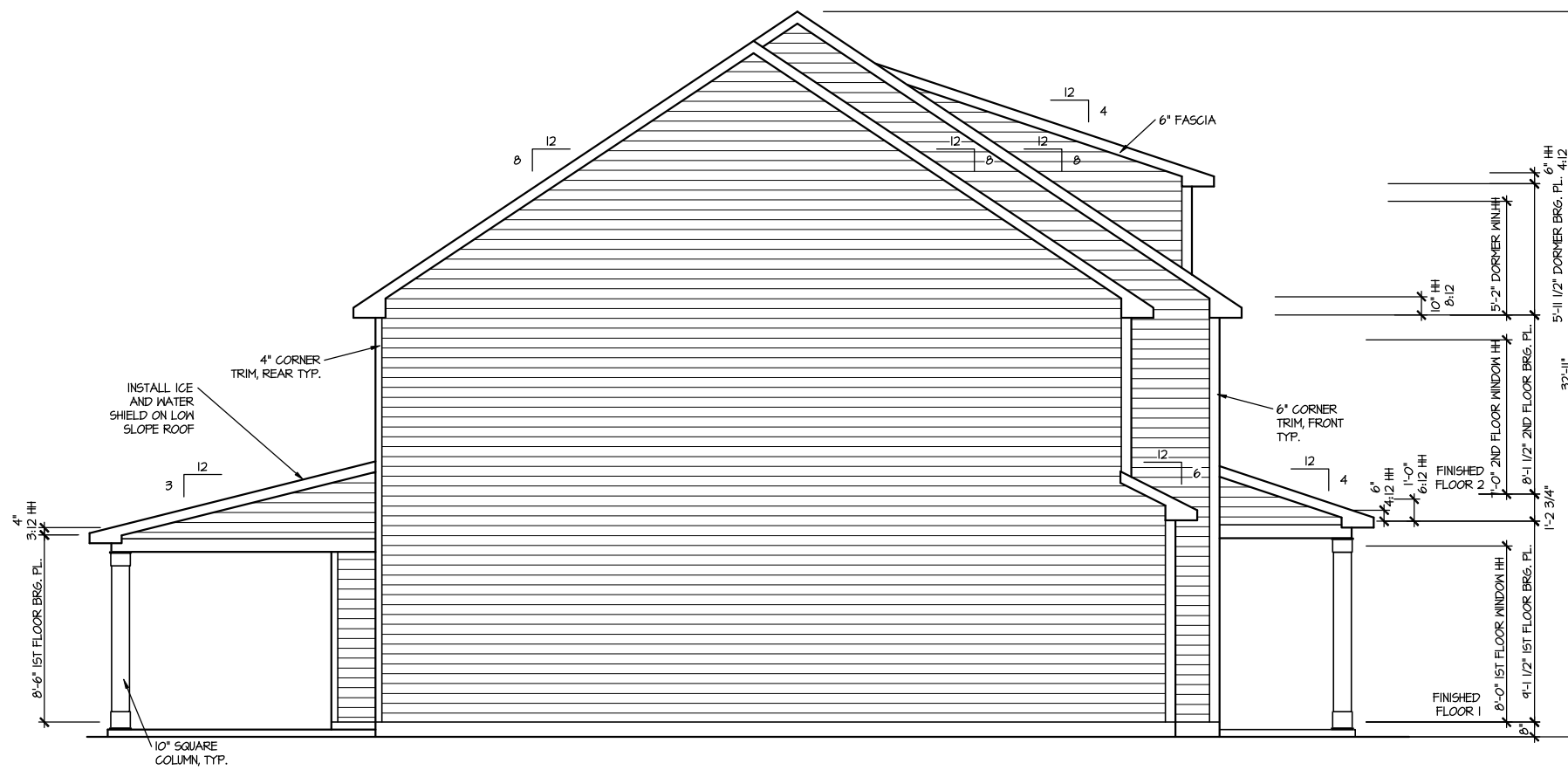
HOUSE NAME:	BURTON
DRAWING TITLE	FRONT & REAR ELEVATIONS

SHEET No.
A.I.



RIGHT ELEVATION 2

SCALE: 1/8" = 1'-0"



LEFT ELEVATION 2

SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
UPDATED DATE	08-10-2022

DRAWN BY:	ITS
DATE:	07/26/2023
PLAN NO.	2491

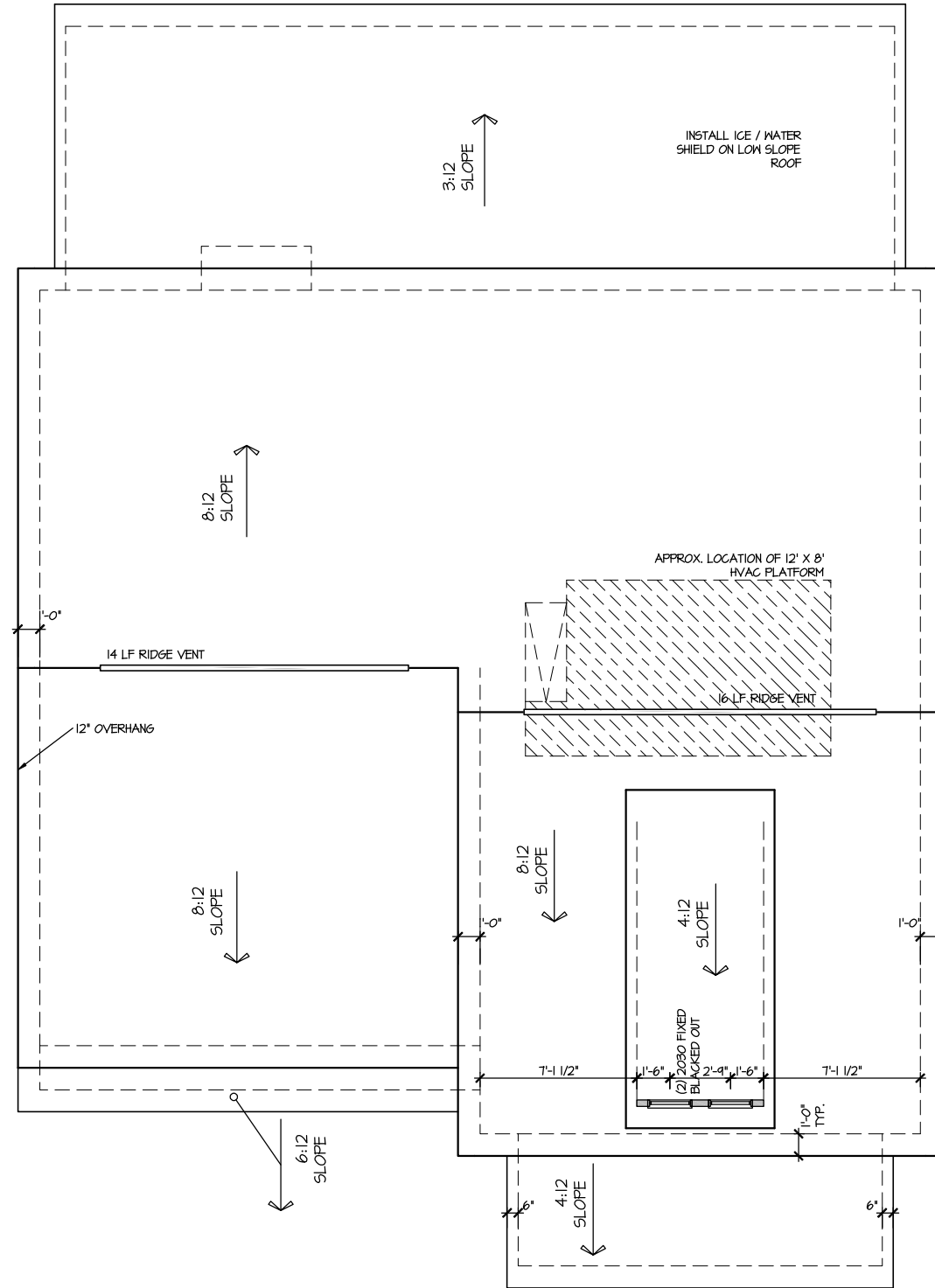


HOUSE NAME:	BURTON
DRAWING TITLE	RIGHT & LEFT ELEVATIONS

SHEET No.	A1.2
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UPPER ROOF VENTILATION CALCULATIONS:

ROOF AREA = 1507 SQ. FT.
 OVERALL REQUIRED VENTILATION:
 1 TO 150 = 10.05 SQ. FT.
 1 TO 300 = 5.24 SQ. FT.
 50-80% IN TOP THIRD = 2.65 - 4.23 SQ. FT. (1 TO 300)
 NET FREE AREA OF VENTED SOFFIT = 5.7 SQ. IN. / LINEAR FT.
 NET FREE AREA OF RIDGE VENT = 18 SQ. IN. / LINEAR FT.
 LOWER VENTING (BOTTOM 2/3 RISE)
 36 LINEAR FEET OF SOFFIT X 5.7 SQ. IN. = 3.40 SQ. FT.
 UPPER VENTING (TOP 1/3 RISE)
 30 LINEAR FEET OF RIDGE X 18 SQ. IN. = 3.75 SQ. FT.
 3.75 SQ. FT. BETWEEN 50% - 80%
 (1 TO 300 ALLOWED)
 TOTAL ROOF VENTILATION: 1.5 SQ. FT. > 5.24 SQ. FT. (REQ'D)



ROOF PLAN ELEV. 2

SCALE: 1/8" = 1'-0"

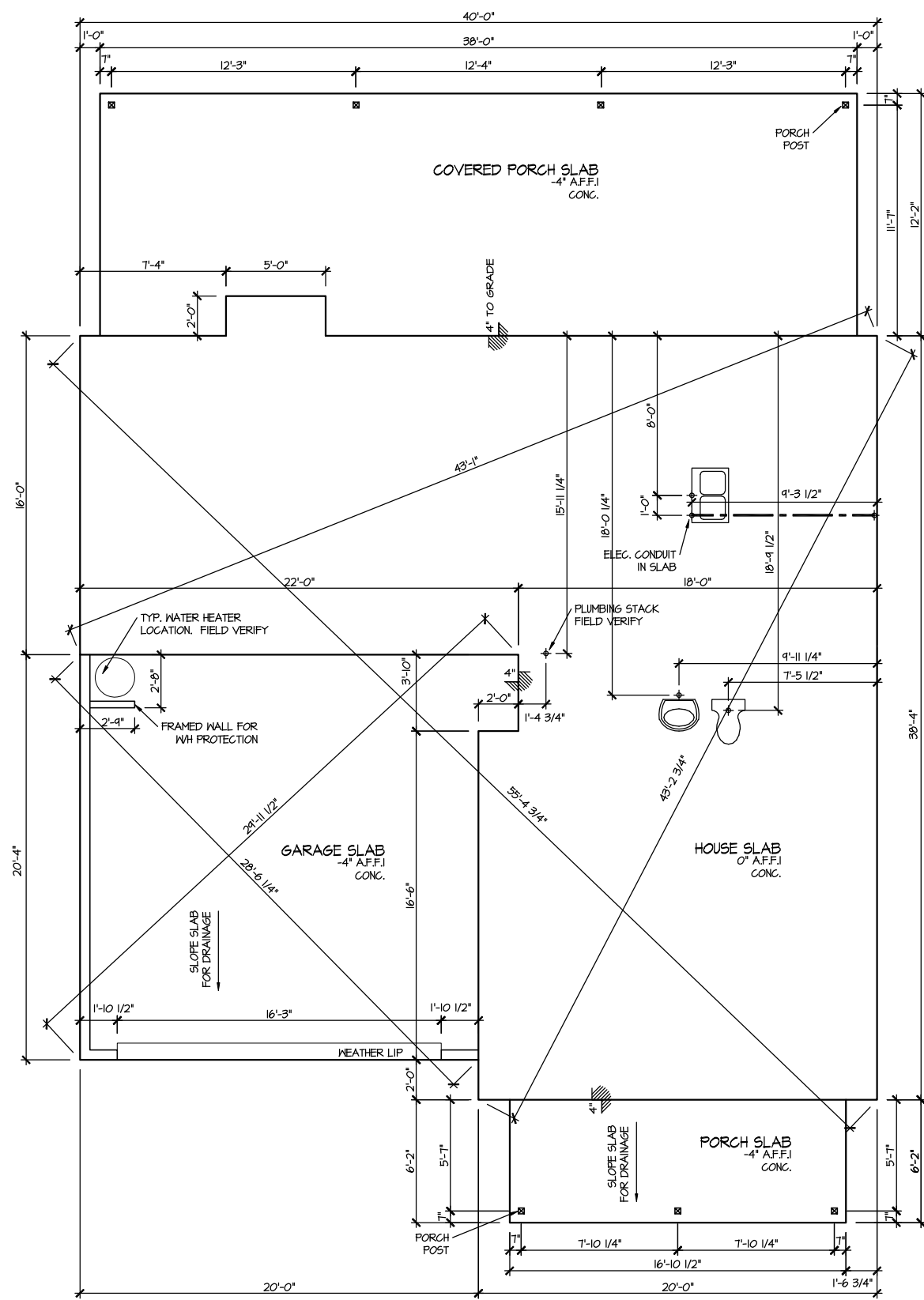
MASTER PLAN INFORMATION
 REVISION DATE
 99 12-21-2021
 UPDATED DATE
 08-10-2022

DRAWN BY:
 ITS
 DATE:
 07/26/2023
 PLAN NO.
 2491



HOUSE NAME:
 BURTON
 DRAWING TITLE
 ROOF PLAN

SHEET No.
 A1.3



**ELEVATION 2
SLAB PLAN**

SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
	08-10-2022

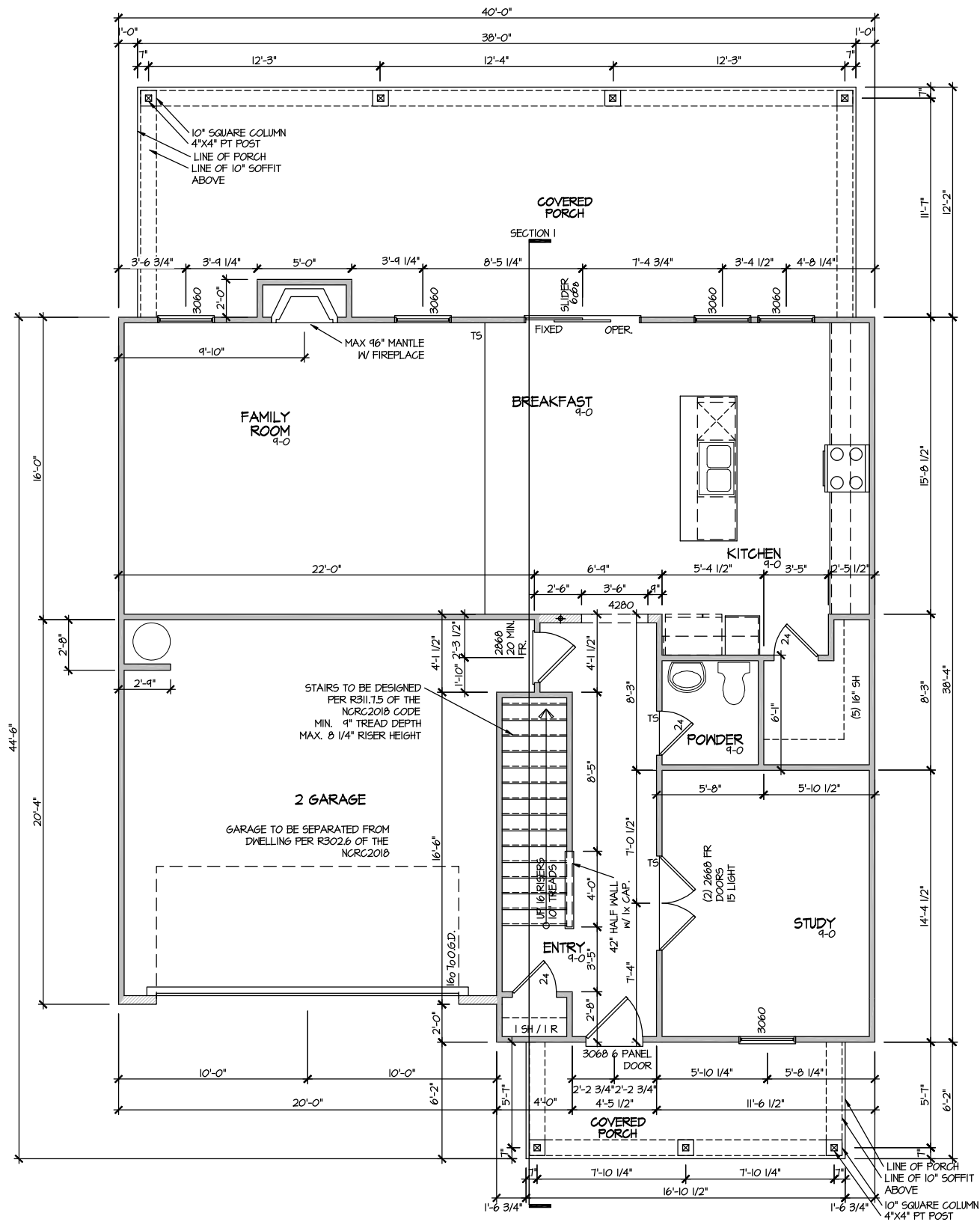
DRAWN BY: ITS
 DATE: 07/26/2023
 PLAN NO. 2491



HOUSE NAME: BURTON
 DRAWING TITLE: SLAB PLAN

SHEET No.

A2.1



ELEVATION 2
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
UPDATED DATE	08-10-2022

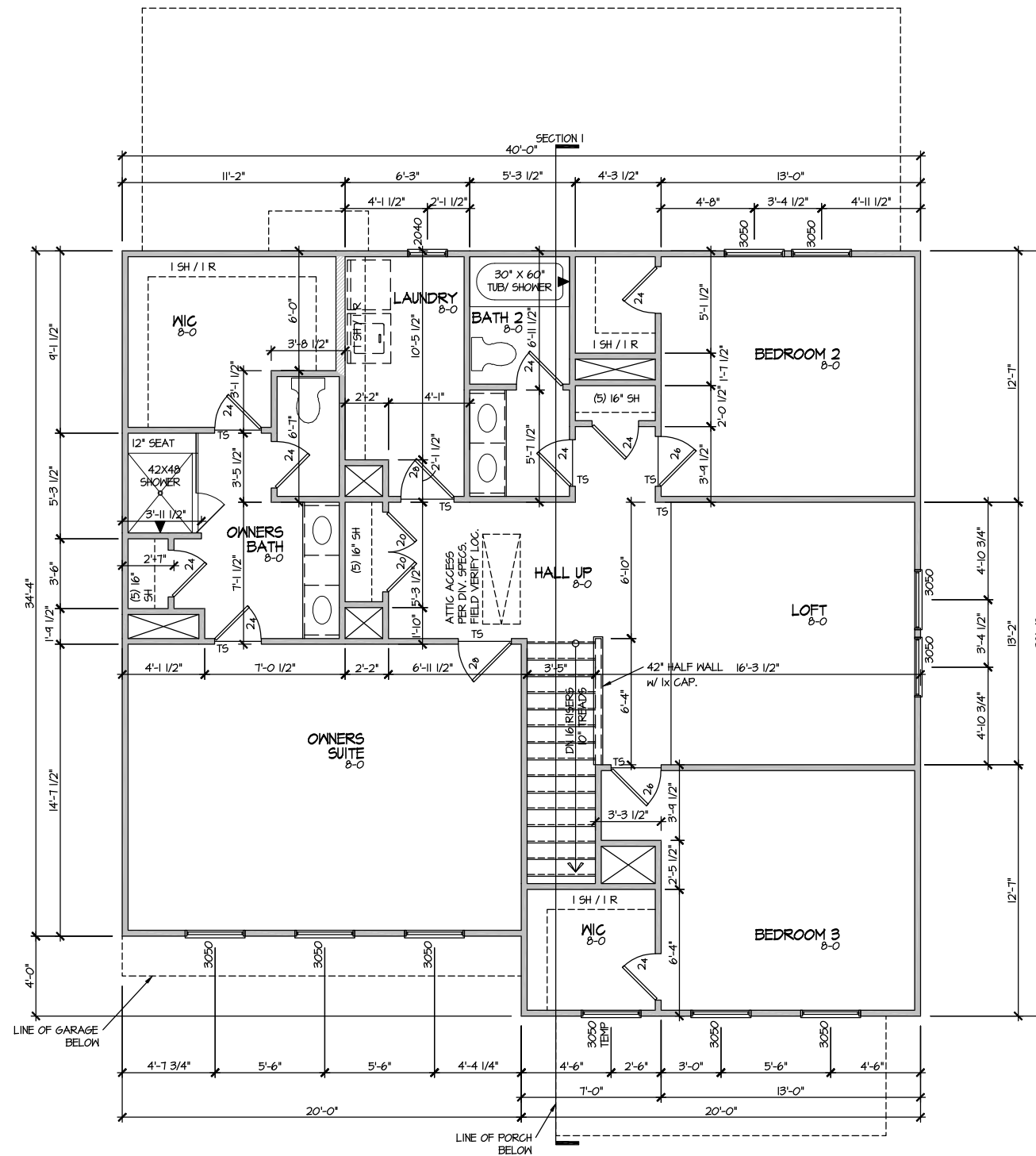
DRAWN BY:	ITS
DATE:	07/26/2023
PLAN NO.	2491



HOUSE NAME:	BURTON
DRAWING TITLE	FIRST FLOOR PLAN

SHEET No.	A3.1
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FILE: Lot 00.0085.dwg DATE: 7/26/2023 11:20 AM



ELEVATION 2
SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

UPDATED DATE
08-10-2022

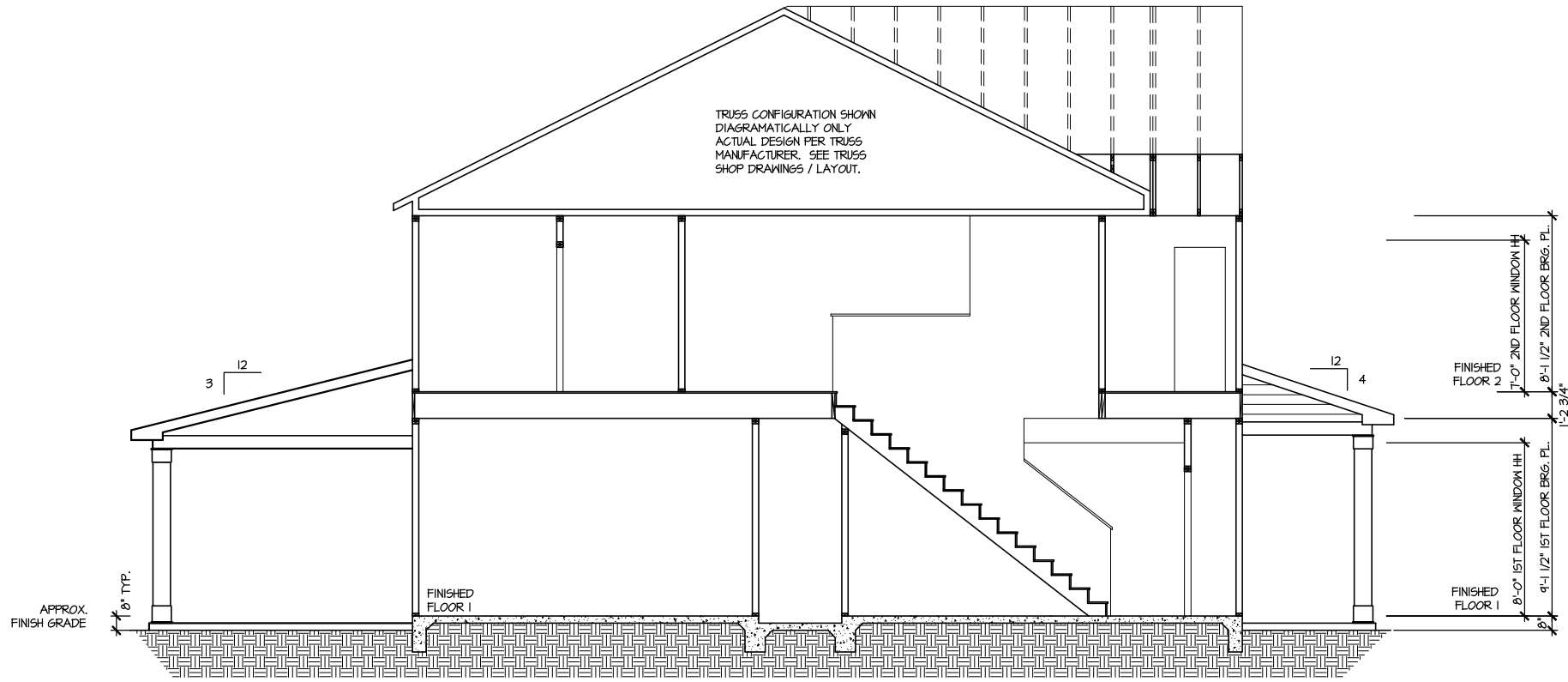
MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021

DRAWN BY: ITS
DATE: 07/26/2023
PLAN NO. 2491



HOUSE NAME: BURTON
DRAWING TITLE: SECOND FLOOR PLAN

SHEET No. A3.2



SECTION I

SCALE: 1/8" = 1'-0"

UPDATED DATE
08-10-2022

REVISION DATE
99 12-21-2021

DRAWN BY:
ITS

DATE:
07/26/2023

PLAN NO.
2491



HOUSE NAME:
BURTON
DRAWING TITLE
BUILDING SECTION

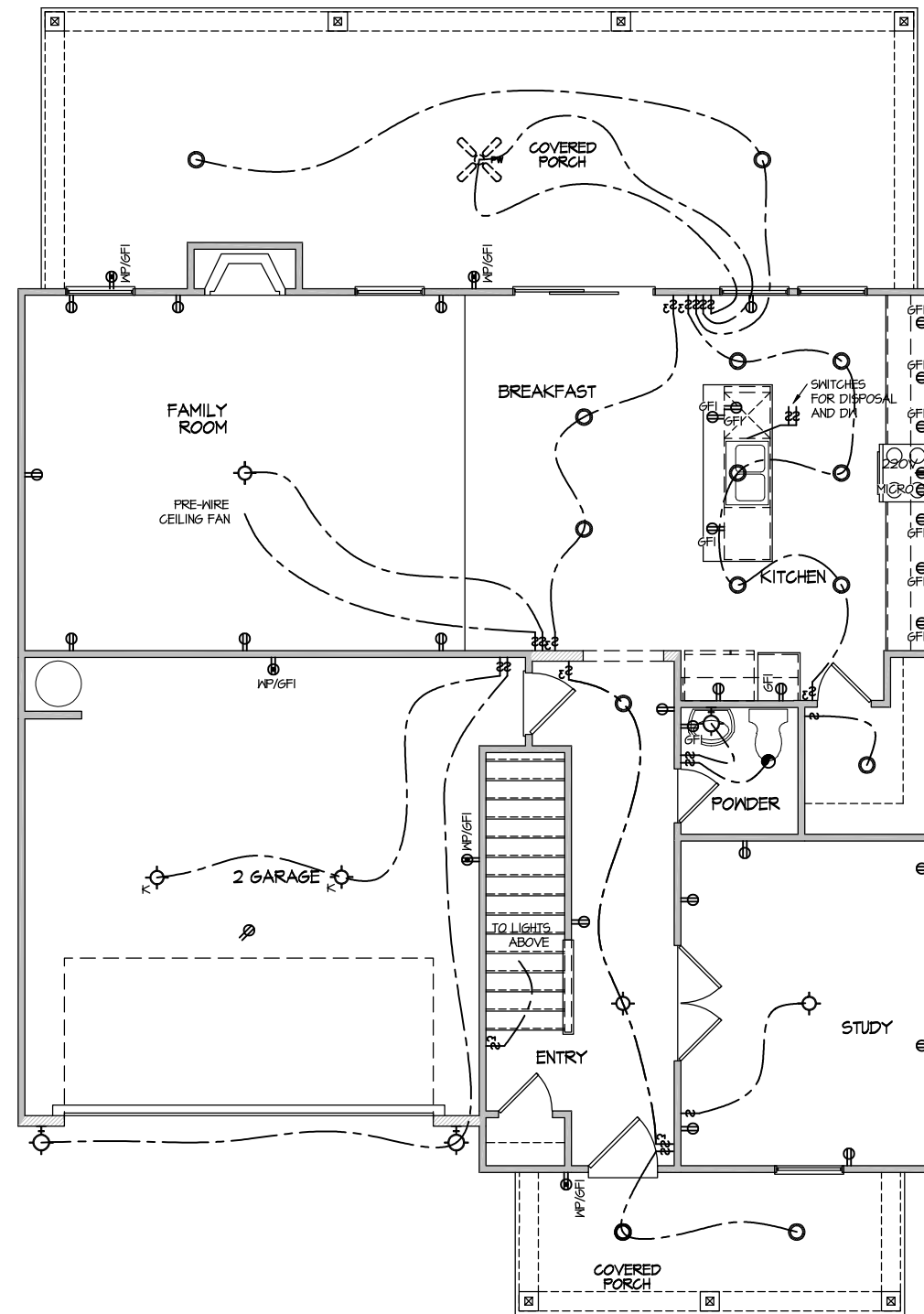
SHEET No.

A4.1

ELECTRICAL LEGEND

- ⊕ SINGLE POLE SWITCH
- ⊕₃ THREE WAY SWITCH
- ⊕₄ FOUR WAY SWITCH
- ⊕₂ DUPLEX AFCI RECEPTACLE
- ⊕₂ DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- ⊕₂ DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V ⊕ RECEPTACLE - 220V
- GFI ⊕ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI ⊕ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- ⊕_{SD} SMOKE DETECTOR - WIRED IN SERIES
- ⊕ EXHAUST FAN MOTOR
- ⊕ TV JACK
- ⊕ TV JACK
- ⊕_{CO} CO / SMOKE DETECTOR
- ⊕ DOOR CHIME
- ⊕ LIGHT FIXTURE - WALL MOUNTED
- ⊕ LIGHT FIXTURE - CEILING MOUNTED
- ⊕ LIGHT FIXTURE - SURFACE MOUNTED LED
- ⊕_P FULLCHAIN LAMPHOLDER
- ⊕_K KEYLESS LAMPHOLDER
- ⊕_{MS} MOTION SENSOR FLOOD LIGHT

NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL POWER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.



**ELECTRICAL PLAN
FIRST FLOOR - ELEV. 2**
SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
UPDATED DATE	08-10-2022

DRAWN BY:	ITS
DATE:	07/26/2023
PLAN NO.	2491



HOUSE NAME:
BURTON

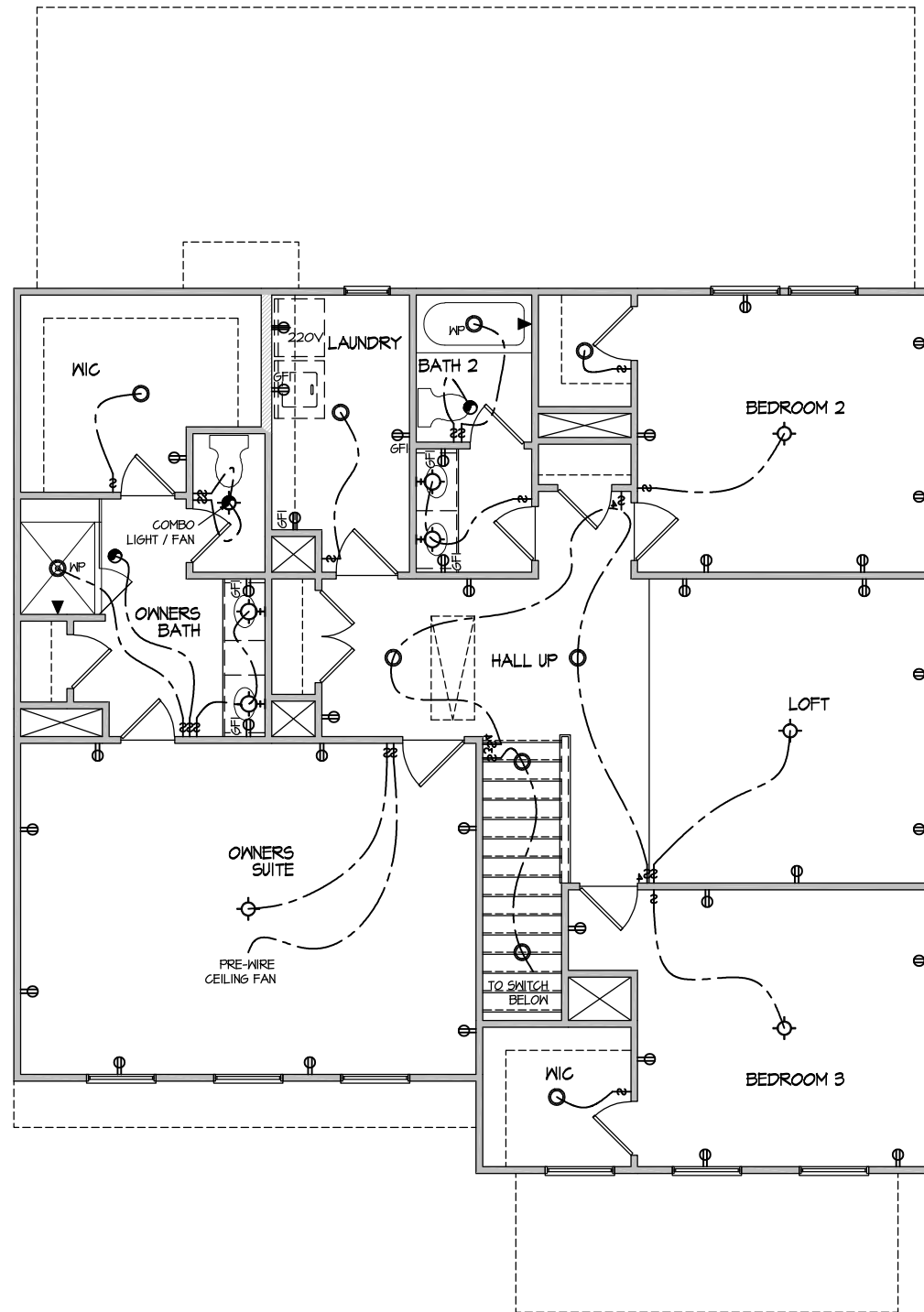
DRAWING TITLE
FIRST FLOOR ELECTRICAL

SHEET No.
E1.1

ELECTRICAL LEGEND

- ⊕ SINGLE POLE SWITCH
- ⊕₃ THREE WAY SWITCH
- ⊕₄ FOUR WAY SWITCH
- ⊕- DUPLEX AFCI RECEPTACLE
- ⊕- DUPLEX AFCI RECEPTACLE - BOTTOM HALF SWITCHED
- ⊕- DUPLEX AFCI RECEPTACLE - FLOOR MOUNTED
- 220V ⊕ RECEPTACLE - 220V
- GFI ⊕ DUPLEX AFCI RECEPTACLE - GFI
- WP/GFI ⊕ DUPLEX AFCI RECEPTACLE - WATERPROOF GFI
- ⊕- SMOKE DETECTOR - WIRED IN SERIES
- ⊕- EXHAUST FAN MOTOR
- ⊕- TV JACK
- ⊕- TV JACK
- ⊕- CO / SMOKE DETECTOR
- ⊕- DOOR CHIME
- ⊕- LIGHT FIXTURE - WALL MOUNTED
- ⊕- LIGHT FIXTURE - CEILING MOUNTED
- ⊕- LIGHT FIXTURE - SURFACE MOUNTED LED
- ⊕- FULLCHAIN LAMPHOLDER
- ⊕- KEYLESS LAMPHOLDER
- ⊕- MOTION SENSOR FLOOD LIGHT

NOTE: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, THE LOCAL POWER COMPANY AND TO ALL APPLICABLE LOCAL REGULATIONS.



ELECTRICAL PLAN
SECOND FLOOR - ELEV. 2
 SCALE: 1/8" = 1'-0"

MASTER PLAN INFORMATION	
REVISION	DATE
99	12-21-2021
	08-10-2022

DRAWN BY: ITS
 DATE: 07/26/2023
 PLAN NO. 2491



HOUSE NAME: BURTON
 DRAWING TITLE: SECOND FLOOR ELECTRICAL

SHEET No. E1.2



SEAL

DRAWN BY:
L. BEAVERS
DATE: 9/1/22
PLAN NO.
11 X 17 SCALE
24 X 36 SCALE



HOUSE NAME:
DRAWING TITLE
RALE TILE SHOWER DETAIL

SHEET No.
01.12

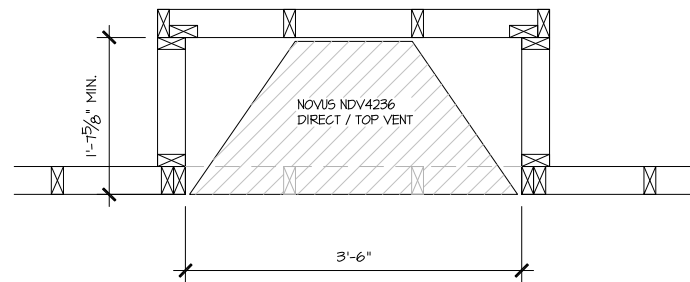


RALE TILE SHOWER
SECTION B
SCALE: 1/2" = 1'-0"



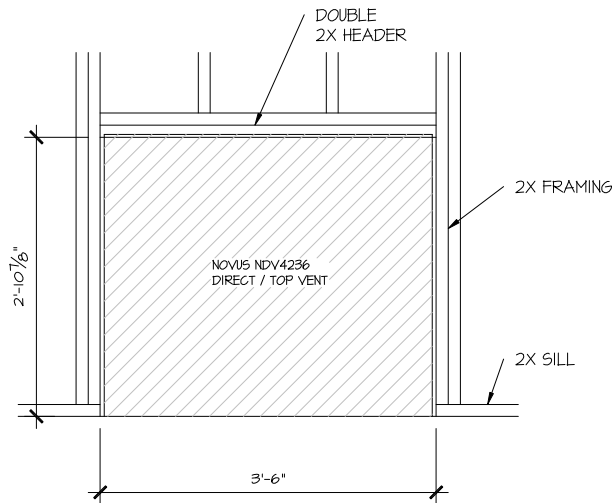
RALE TILE SHOWER
SECTION C
SCALE: 1/2" = 1'-0"

ALL DIMENSIONS ARE TO FRAMING



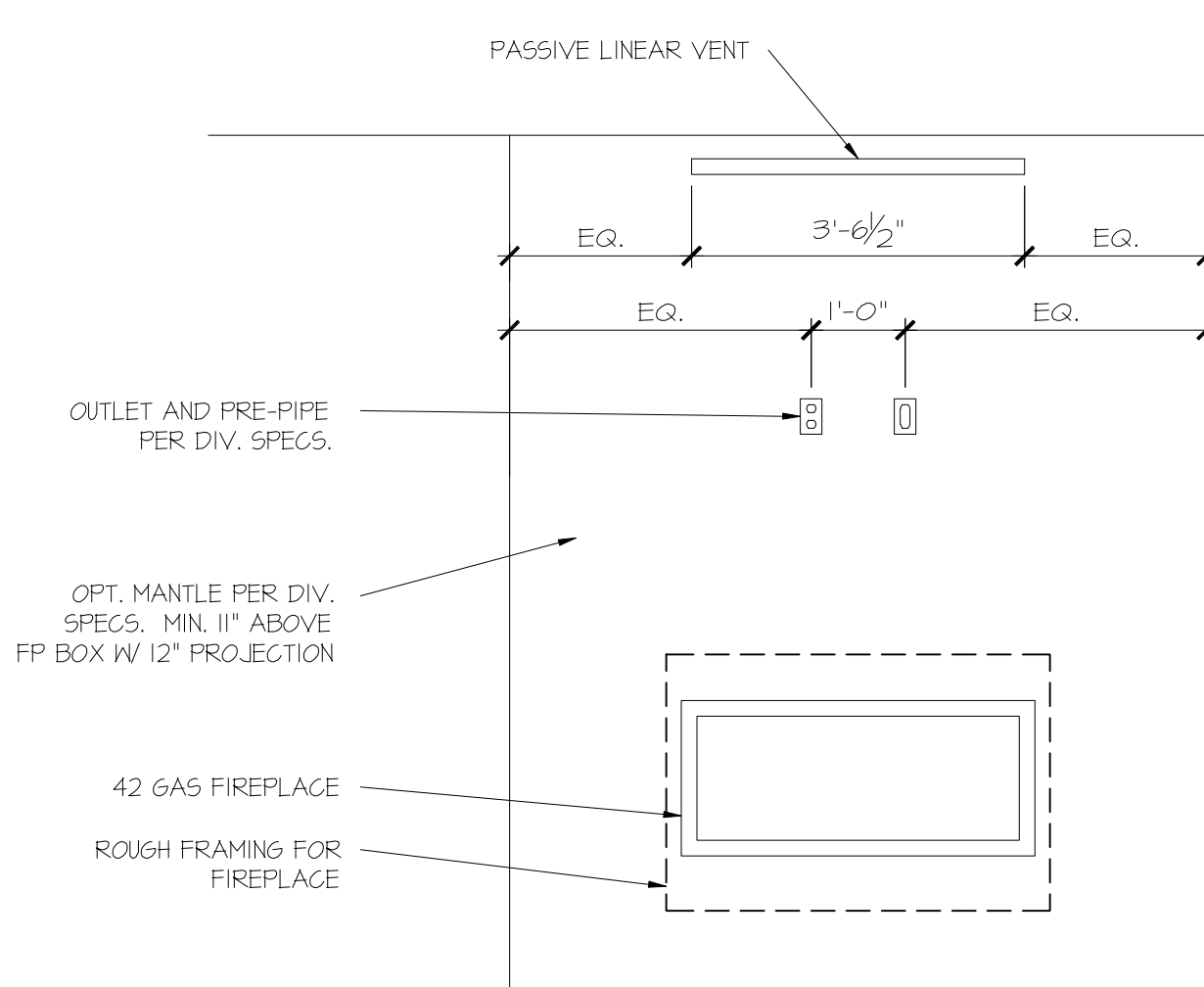
PARTIAL PLAN
NOVUS NDV4236

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



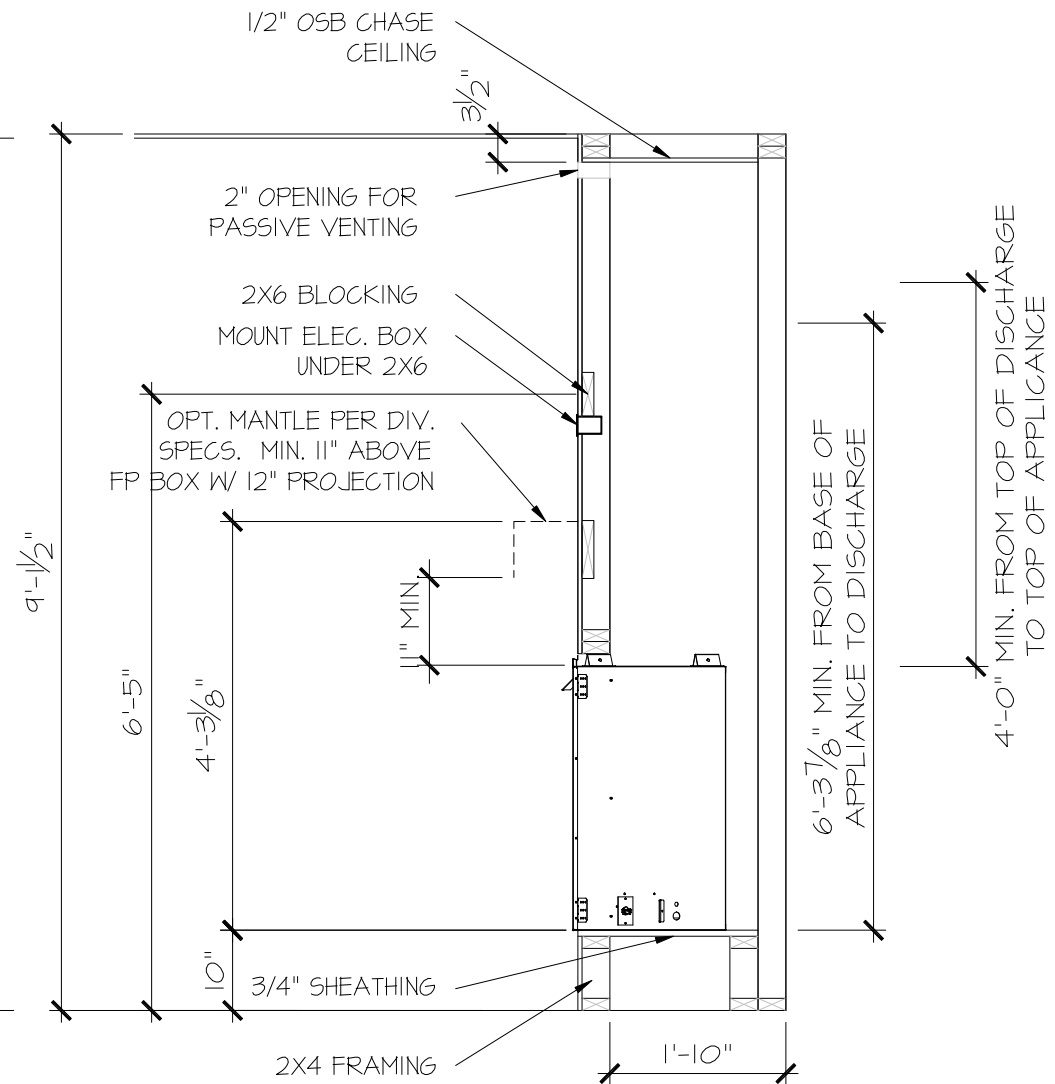
PARTIAL ELEVATION
NOVUS NDV4236

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



PARTIAL ELEVATION
NOVUS NDV4236

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



PARTIAL SECTION
NOVUS NDV4236

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

FILE: RALE FIREPLACE DETAILS 9--2022.dwg DATE: 5/27/2022 10:35 AM

CONSULTANT LOGO

SEAL

DRAWN BY:

DATE:

PLAN NO.
L. BEAVERS

11 X 17 SCALE
9-8-22

24 X 36 SCALE
N/A

DRB
HOMES

HOUSE NAME:
RALE FIREPLACE DETAILS

DRAWING TITLE
RALE FIREPLACE DETAIL
INTERIOR GAS UNITS

SHEET No.

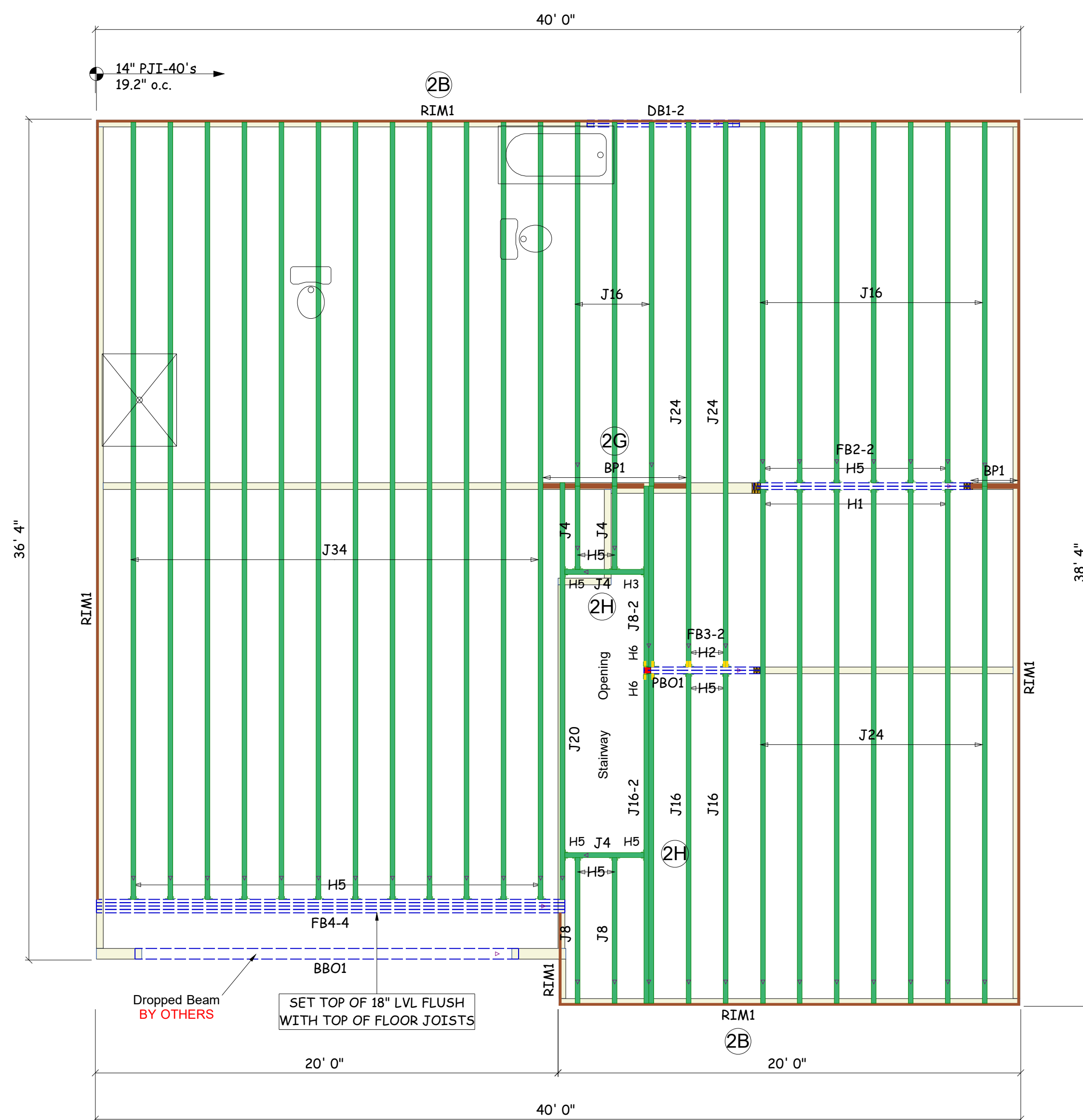
11
10
11

General Notes: ** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION.

** LVL AND JOISTS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS.

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

This is an I-Joist Placement Plan Only. All designs of I-Joist follow the IBC/IRC Code Requirements along with Manufacturer's guidelines. This is NOT an engineered placement plan. This placement plan is created from plans provided by the customer using Manufacturer's guidelines. It is the responsibility of the EOR, or builder to review and approve all bearing conditions, connections, spans, loading, product usage, and quantities. Do not notch or drill holes in beams or flanges on joists without prior approval from the manufacturing Representative unless following hole guidelines in the installation guide of product. Builder takes full responsibility for doing so and NO Back charge will be accepted.



Products				
PlotID	Length	Product	Plies	Net Qty
J34	34' 0"	14" PJI-40	1	12
J24	24' 0"	14" PJI-40	1	9
J20	20' 0"	14" PJI-40	1	1
J16	16' 0"	14" PJI-40	1	12
J16-2	16' 0"	14" PJI-40	2	2
J8	8' 0"	14" PJI-40	1	2
J8-2	8' 0"	14" PJI-40	2	2
J4	4' 0"	14" PJI-40	1	4
DB1-2	8' 0"	2.1 RigidLam SP LVL 1-3/4 x 9-1/4	2	2
FB2-2	10' 0"	2.1 RigidLam SP LVL 1-3/4 x 14	2	2
FB3-2	6' 0"	2.1 RigidLam SP LVL 1-3/4 x 14	2	2
FB4-4	22' 0"	2.1 RigidLam SP LVL 1-3/4 x 18	4	4
RIM1	12' 0"	1 1/8" x 14" APA Rim Board	1	12
BP1	2' 0"	14" PJI-40	1	4

Accessories				
PlotID	Length	Product	Plies	Net Qty
		3/4" 4x8 OSB	1	44

Connector Summary					
PlotID	Qty	Manuf	Product	Backer Blocks	Web Stiff
H1	6	Simpson	ITS2.56/14	No	No
H2	2	Simpson	ITS2.56/14	No	Yes
H3	1	Simpson	IUS2.56/14	2 and Filler	No
H4	1	Simpson	IUS2.56/14	2	No
H5	26	Simpson	IUS2.56/14	No	No
H6	2	Simpson	HUC314-2	No	Yes

BLOCK SOLID UNDER ALL POST/POINT LOADS FROM ABOVE. TYPICAL AT ALL LOCATIONS

KEMPSVILLE BUILDING MATERIALS IS NOT RESPONSIBLE FOR THE DESIGN OR CALCULATION OF ANY AND ALL I-JOIST AND LVL/PSL BEAM MATERIAL. ALL ENGINEERING AND INFORMATION FOR THIS MATERIAL IS TO BE PROVIDED BY THE ENGINEER OF RECORD MARKED ON APPROVED SET OF PLANS. ALL BEAM PLACEMENTS ARE PER THE ENGINEERING RECEIVED. ALL CONNECTION DETAILS TO BE PROVIDED BY ENGINEER OF RECORD. REFER TO ENGINEER OR RECORD FOR ALL MULTI-PLY LVL/ I-JOIST CONNECTION PATTERNS. BUILDER TO VERIFY ALL MATERIAL LENGTHS, QUANTITIES, AND SIZES PRIOR TO ORDERING.

2ND FLOOR LAYOUT

** FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS.

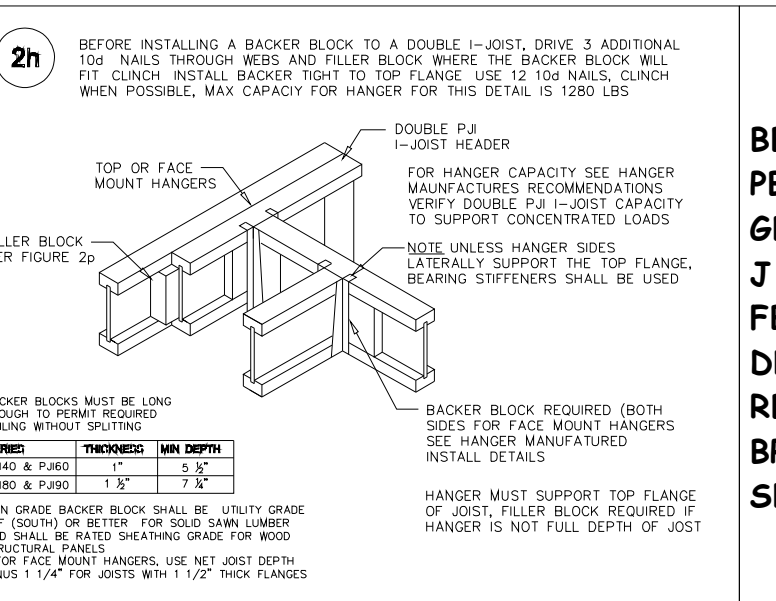
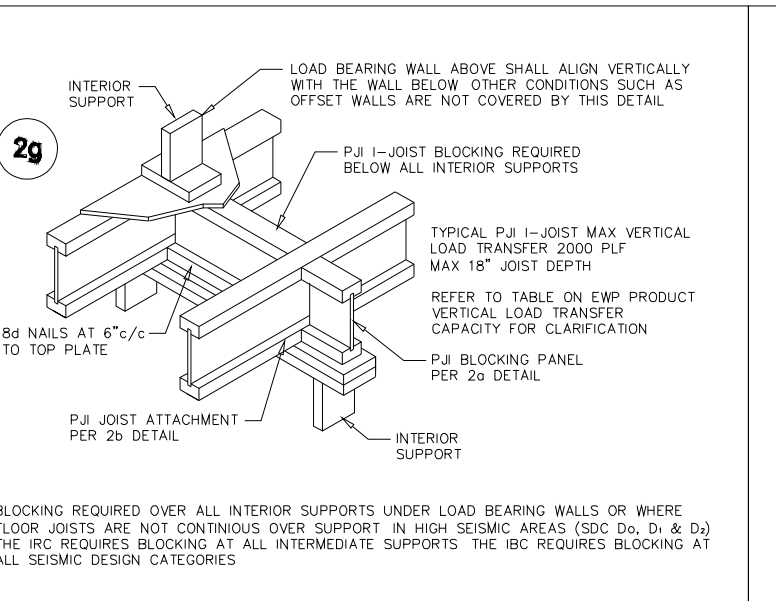
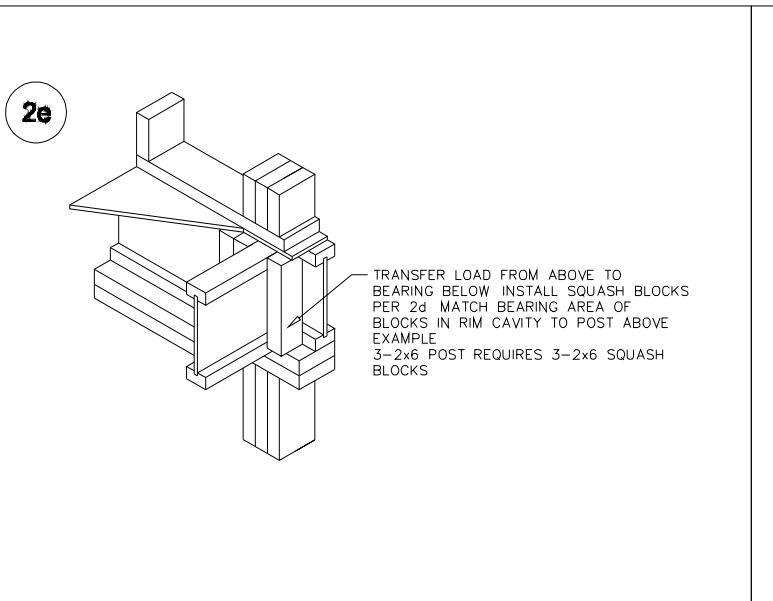
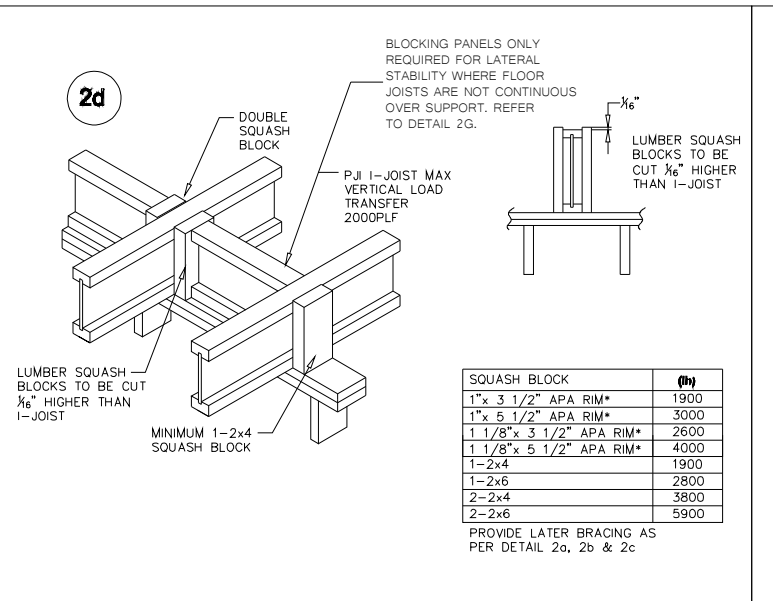
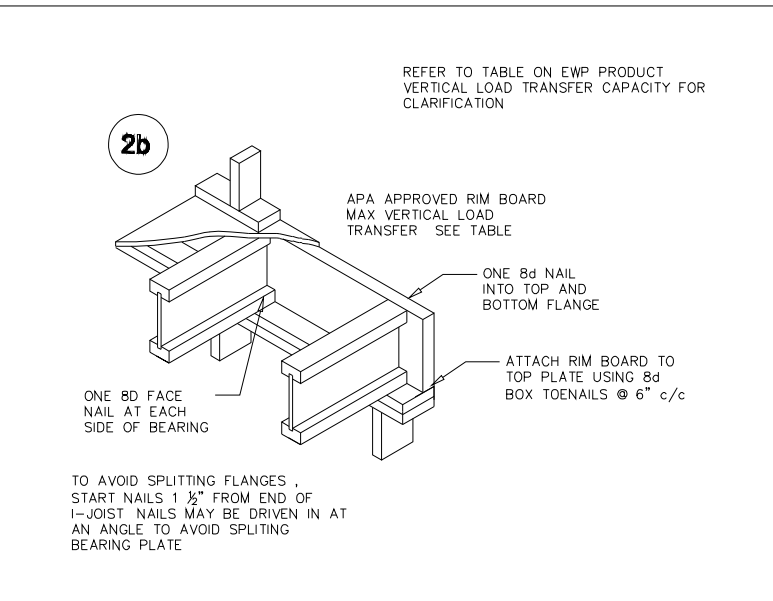
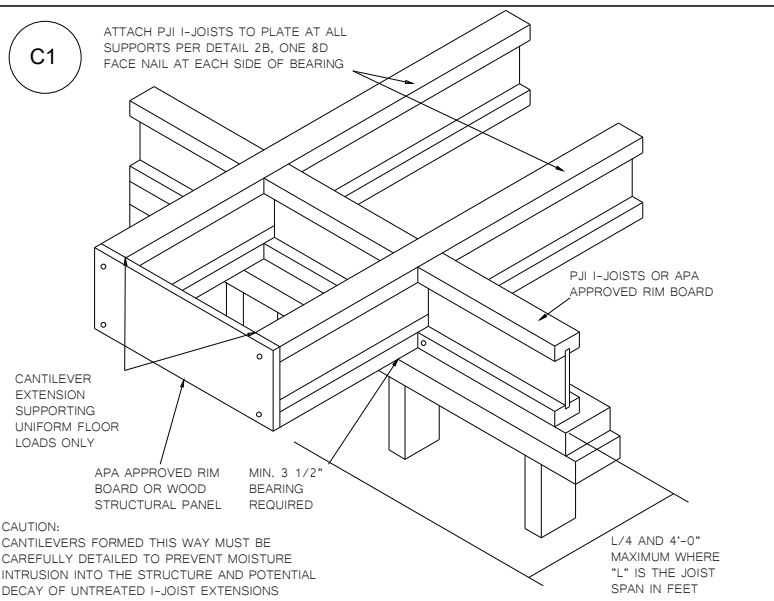
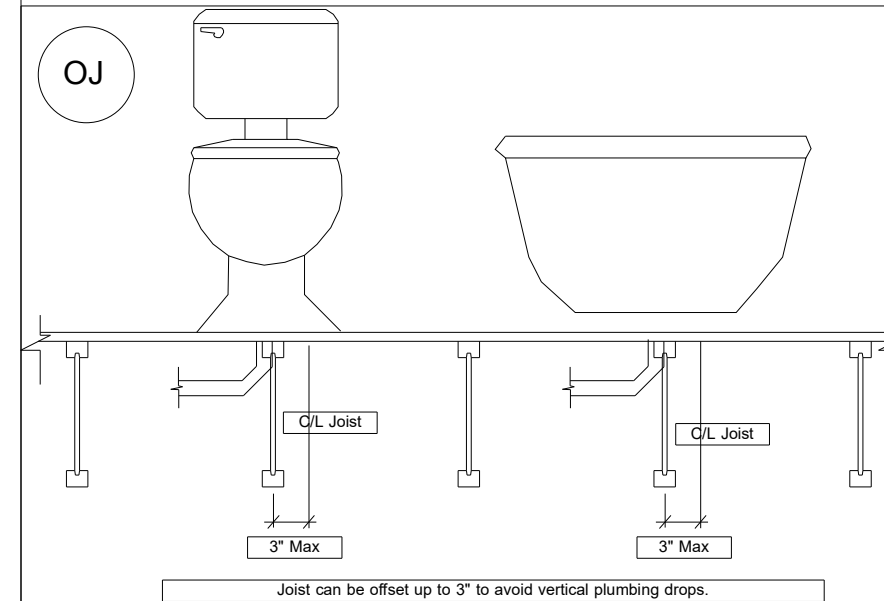
** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH.

** DAMAGED FLOOR JOISTS SHOULD NOT BE INSTALLED UNLESS APPROVED BY COMPONENT PLANT.



DRB HOMES NC LLC
MODEL 2491 - BURTON
LOT 85 THE FARM AT NEILL'S CREEK

Scale: 1/4" = 1'-0"
 Date: 8/8/23
 Designer: SCB
 Project #: 23070134
 Sheet Number:
1 / 1



LABEL LEGEND
 BBO = Beam by Others
 PBO = Post by Others
 GBO = Girder by Others
 J = I-Joist
 FB = Flush Beam
 DB = Dropped Beam
 RB = Roof Beam
 BP = Blocking Panels
 SB = Squash Blocks

** PLUMBING DROPS NOTED ARE IN APPROXIMATE LOCATIONS PER PLAN. BUILDER MUST VERIFY LOCATIONS BEFORE SETTING JOISTS.

** ALL POINT LOADS FROM ABOVE MUST BE TRANSFERRED TO BEARING FROM UNDER SIDE OF SHEATHING.

** REFER TO INSTALLATION GUIDE FOR PLY TO PLY CONNECTIONS.

General Notes: ** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION. ** ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS.

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

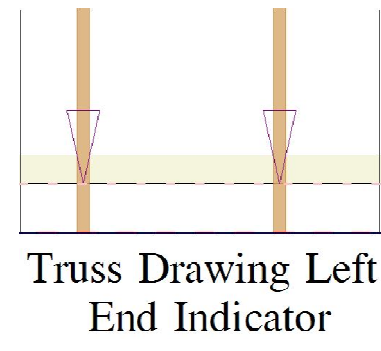
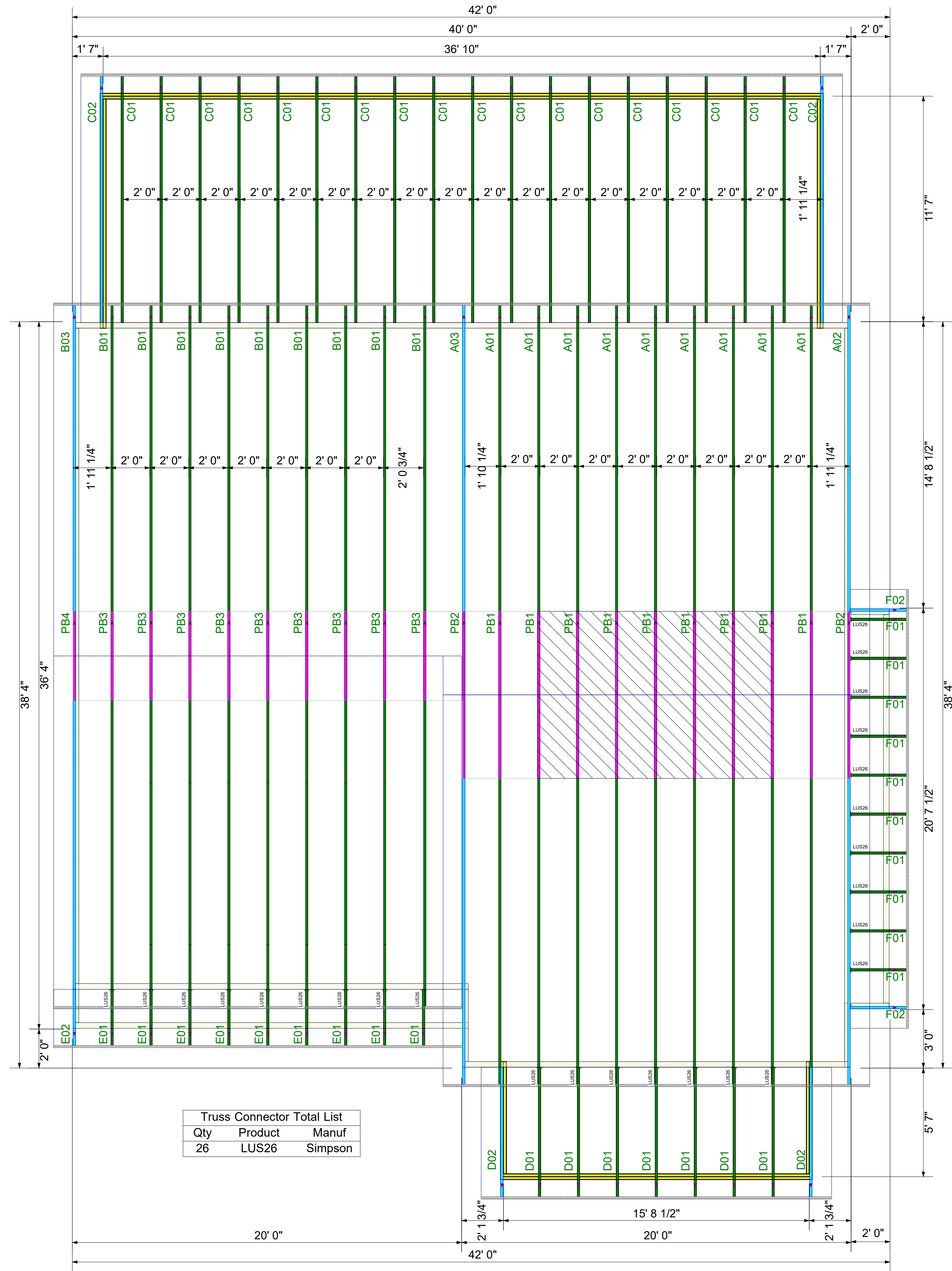
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor systems and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding the bracing, consult "Bracing of Wood Truss" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53179.



DRB HOMES
85 FARM AT NEILLS CREEK
BURTON 2
COMPONENT PLAN
PLACEMENT PLAN

Scale: NTS
Date: 7/31/2023
Designer: ND
Project Number: 23070134
Sheet Number:

1/1



** FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS. ** DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT.

** TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS.

** PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES.

** REFER TO FINAL TRUSS ENGINEERING SHEETS FOR PLY TO PLY CONNECTIONS.

** GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS. ** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH. ** TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE.