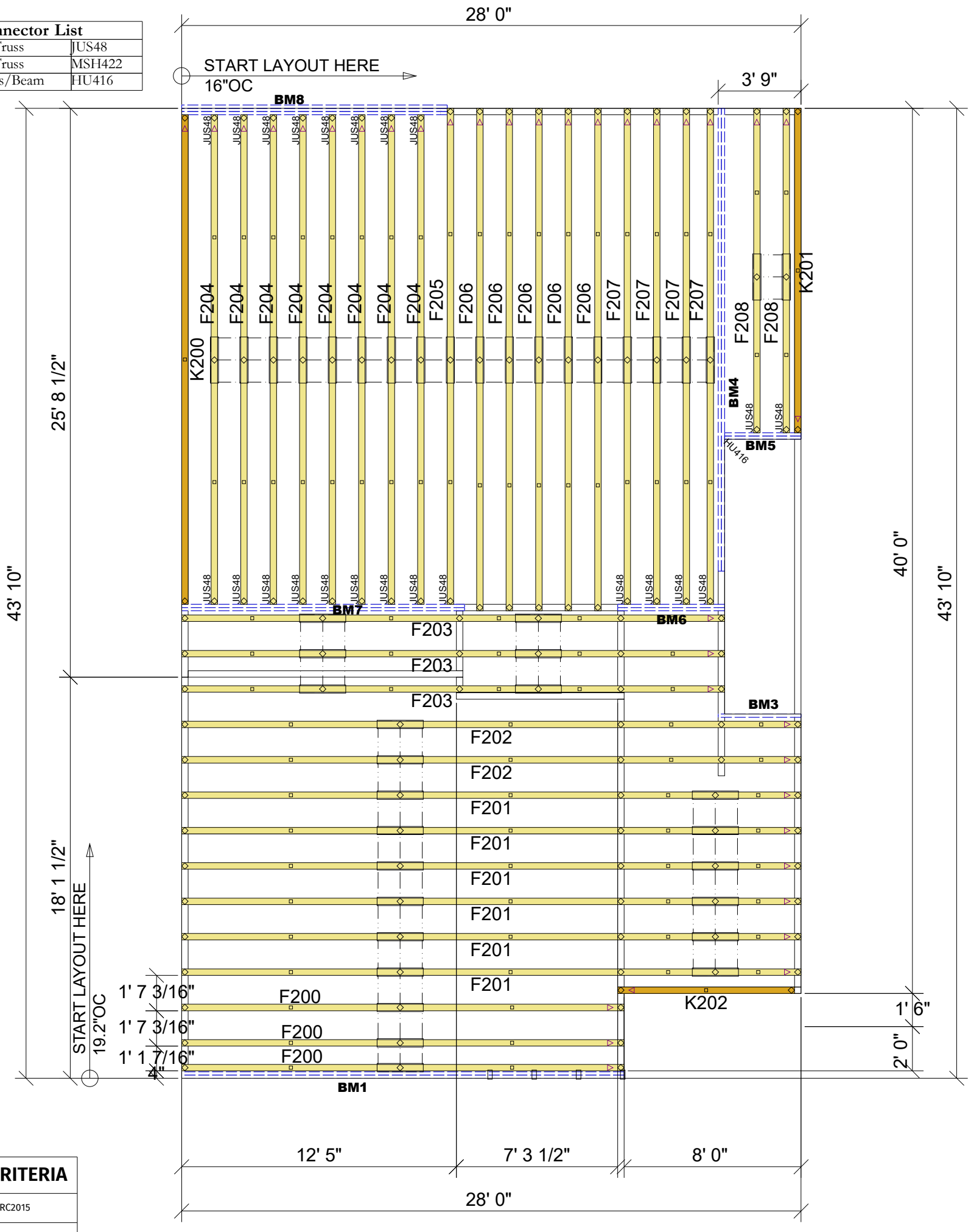
THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY; NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDD's) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and the building designer is responsible for the permanent bracing of the roof and floor system and the overall structure. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcacomponents.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framer is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

2ND FLOOR PLACEMENT PLAN

Floor Connector List		
23	Floor Truss	JUS48
0	Floor Truss	MSH422
1	Floor Truss/Beam	HU416



FLOOR TRUSS CRITERIA	
BUILDING CODE	IRC2015
TOP CHORD LIVE LOAD	40.000 lb/ft²
TOP CHORD DEAD LOAD	10.000 lb/ft²
BOTTOM CHORD LIVE LOAD	0.000 lb/ft²
BOTTOM CHORD DEAD LOAD	5.000 lb/ft²
LIVE LOAD DEFLECTION	480
TOTAL LOAD DEFLECTION	360
△ INDICATES LEFT END OF TRUSS	

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM4	22' 0"	1 3/4" x 16" 2.0E Microllam® LVL	2	2	MFD
BM1	20' 0"	1 3/4" x 16" 2.0E Microllam® LVL	2	2	MFD
BM7	14' 0"	1 3/4" x 16" 2.0E Microllam® LVL	2	2	MFD
BM8	12' 0"	1 3/4" x 16" 2.0E Microllam® LVL	3	3	MFD
BM6	6' 0"	1 3/4" x 16" 2.0E Microllam® LVL	2	2	MFD
BM3	4' 0"	1 3/4" x 16" 2.0E Microllam® LVL	1	1	MFD
BM5	4' 0"	1 3/4" x 16" 2.0E Microllam® LVL	2	2	MFD

SCALE: N.T.S

DESIGNER DRG
LAYOUT DATE 7/7/2022
ARCH DATE 10/29/2021
STRUC DATE 5/8/2022
JOB #: 220701702

REVISIONS		
DATE	DESCRIPTION	DSN
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

SMITHFIELD FC EXT. CAFE 2ND FLR

4455 OLD US 421
LILLINGTON, NC 27546

PBS-NEW HOME

LOT 1 DUNCAN RIDGE

TRUSSTRAX UFP CONSTRUCTION
TrussTrax.ufpi.com

UFP SITE BUILT
A UFP INDUSTRIES COMPANY
Burlington, NC
Chesapeake, VA
Clinton, NC
Conway, SC
Jefferson, GA
Locust, NC
Liberty, NC
Ooltewah, TN
Pearisburg, VA
Stanfield, NC
Customer Service (800) 476-9356