All Walls Represented Are Load Bearing
All Wall Heights Are 9' 1-1/2" Unless Noted Otherwise

Ladder Frame Between Trusses

HVAC / Storage
20 lbs. Live Load

Lite Attic Storage
30 lbs. Live Load

5926#
4 Studs

5744#
4 Studs

Scab 2x6 On Inside Of Truss To Fill Hanger

Truss Placement Plan
SCALE: 1/4" = 1'

Hatch Legend
1st Floor Bearing Wall @ 10'
1st Floor Bearing Wall @ 10' 7"
2nd Floor Bearing Wall @ 6' 6-1/2"
2nd Floor Bearing Walls @ 8' 1-1/2"

▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

◯ -- Denotes Reaction Greater than 3,000 lbs.

Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	31	Varies	16d/3-1/2"	16d/3-1/2"
IF	MSH422IF	USP	2	Varies	10d/3"	10d/3"
8	THD28-2	USP	1	Varies	16d/3-1/2"	10d/3"
●	THD410	USP	1	Varies	16d/3-1/2"	10d/3"

Beam Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	19' 0"	1-3/4"x 18" LVL Kerto-S	2	2	FF

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ'D STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) PLY HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

BUILDER	Watermark Homes	CITY / CO.	Harnett
JOB NAME	Lot 116 Ballard Woods	ADDRESS	Lot 116 Ballard Woods
PLAN	Silver Bell III / GL, 3BR	MODEL	Roof
SEAL DATE	9/5/18	DATE REV.	8/24/21
QUOTE #	N/A	DRAWN BY	Curtis Quick
JOB #	J0821-5071	SALES REP.	Anthony Williams

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building 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 system 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 bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature Curtis Quick
Curtis Quick

ROOF & FLOOR TRUSSES & BEAMS
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