-Floors shall be constructed in accordance with the provisions of Chapter 5 of the NC State Building Code, Sect. R502.2 and Sects R319 and R320. -Spans for floor joist shall be in accordance with Tables R502.3.1(1) and R502.3.1(2). For other grades and species and for other loading conditions, refer to the AF&PA Span Table for Joist and Rafters. -The allowable span of girders fabricated of dimension lumber shall not exceed the values set forth in Tables R502.5(1) and R502.5(2). Wood Steps to Grade 2 x 10 x 16 ceiling joist / floor joist @ 16"o.c. 2 x 10 x 12 ceiling joist / floor joist @ 16"c 50FFIT @ 16" o.c. ////// Vaulted Ceiling — 2 x 12 header 2 x 10 Beam (Flush) 20'-2"

_____2x6 LOOKOUT @ 16" o.c. -2x8 RAFTERS @ 16" o.c. (U.O.N.) -2x6 NAILER 2x8 CLNG JOIST @ 16" o.c. (U.O.N.) —5/8" S.R. —DBL. TOP PLATE ---2x4 CONT. NAILER VINYL VENTED SOFFIT----2x2 CONT. NAILER VINYL FREEZE-1/2 OSB — R-13 WALLS

 $\frac{1}{1}$ /4" = 1'-0"

30 YR. FIBERGLASS

FELT PAPER OVER

7/16" OSB

WITH CLIPS.

SHINGLES OVER 15#

Main Roof System Slope to be 10:12

1-6"

(U.O.N.)

-Framing design based on the following loading conditions R301.4)

Attics without storage -10psf Attic with Storage -20psf Rooms other than sleeping -40psf Sleeping Rooms Passenger Vehicle Garages -50psf Maximum wind speed

101710010,

-All floor joist, ceiling joist, rafters, girders, headers, sills, and beams shall be No.2 S.P.F. unless otherwise noted.

-All load bearing walls shall be No, 2 S.P.F. unless otherwise noted.

-Local soil conditions and/or local practice may necessitate a more stringent footing and foundation wall design. Consult with local building inspector. Soil design bearing pressure is assumed 2000 psf.

-All Engineered Beams shall be nailed / bolted as

required by spec sheet. -All engineered beams and/or LVL's shall be sized accordingly by engineer or supplier. -All remaining beams/headers to be 2 - 2x10 unless otherwise noted on plans.

-All load bearing walls shall be NoriceSSepBtEsidatess otherwise noted.

-Provide double joist below all parallel partitions, above and around all openings not indicated on

-Average dead loads shall not exceed 15 psf for roof/ceiling assemblies or 10 psf for floor assemblies.

Exterior light-frame wood walls Interior light-frame wood walls -14psf 8-inch thick masonry walls Attics without storage - 1 Opsf

Framing Plan

Scale