

CONTRACTOR TO USE CARPORT CENTRAL DESIGN METAL BUILDING PACKAGE
THE FOLLOWING INFORMATION WAS OBTAINED FROM MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC. (BASE RAIL ANCHORAGE OPTIONS FOR 140 MPH)

SEE PACKAGE SPECIFICATION SHEET FOR DETAILS - SHEET 9A

GENERAL NOTES:

NOTE: CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1,500 PSF

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318: 3" IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2" ELSEWHERE.

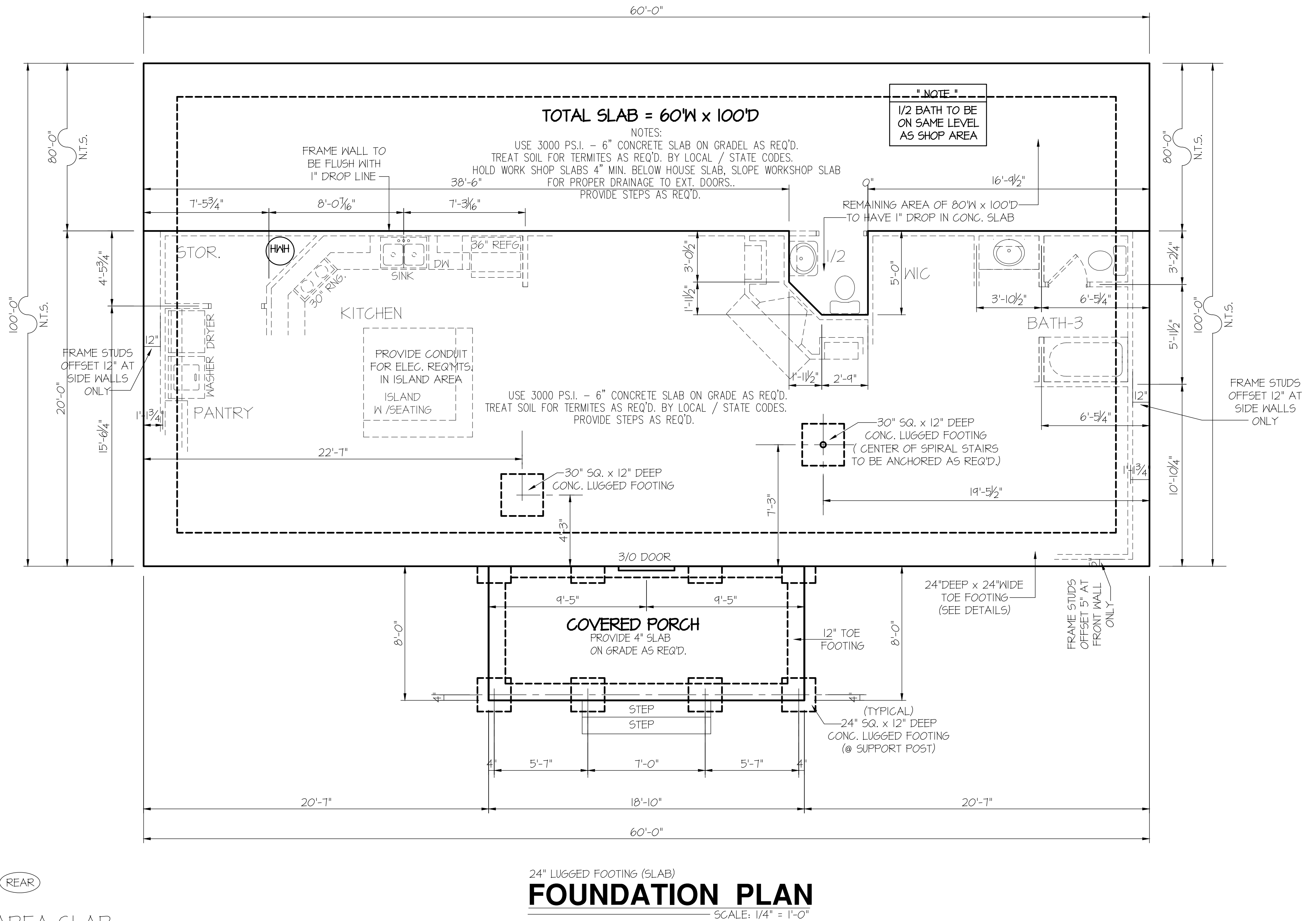
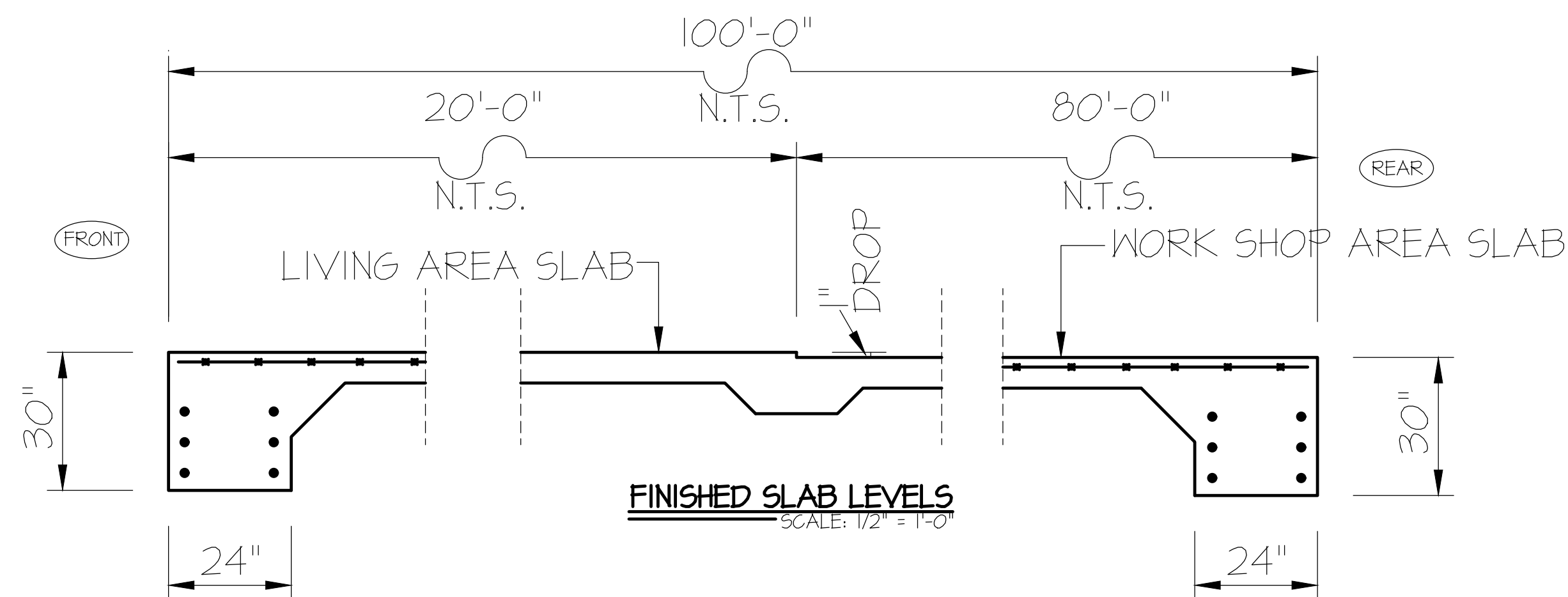
REINFORCING STEEL:

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

1. REINFORCEMENT IS BENT COLD
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

N.C. SPECIFIC COMcheck or ASHRAE 90.1 2013 COMcheck SHALL BE PERMITTED TO DEMONSTRATE COMPLIANCE WITH THE N.C. 2018 ENERGY CONSERVATION CODES. (SECTION C401.2 (3))



DATE: MARCH 10, 2022	REVISIONS DATE:
PROFESSIONAL HOME DESIGN RANDALL K. PALE 1539 HATTERDALE FARM ROAD BLOUNTVILLE, TN - 37617 O: (910) 257-5588 e-mail: rpalephd@gmail.com © 2022, Professional Home Design	
CONTRACTOR INFORMATION	
PROJECT LOCATION:	PROJECT NAME:
SCALE: 1/4" = 1'-0" NOTE: IF THIS DRAWING IS NOT PLOTTED ON 24" x 36", IT HAS BEEN REVERSED FROM ITS ORIGINAL SIZE. SCALE IS NO LONGER APPLICABLE.	
SHEET TITLE: FOUNDATION	
SHEET NO. <h1 style="margin: 0;">A-4</h1>	

Edward GAINER