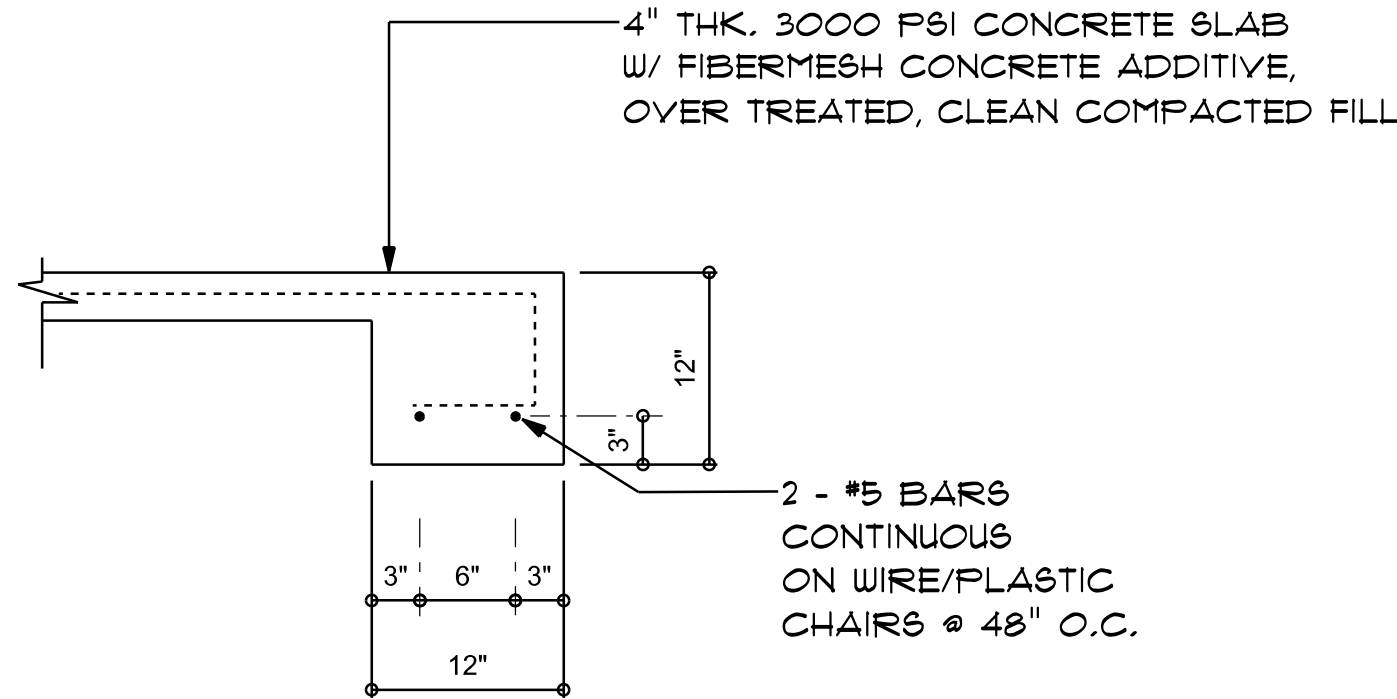


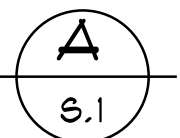
CONCRETE / MASONRY /
METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.



SECTION

SCALE: not to scale

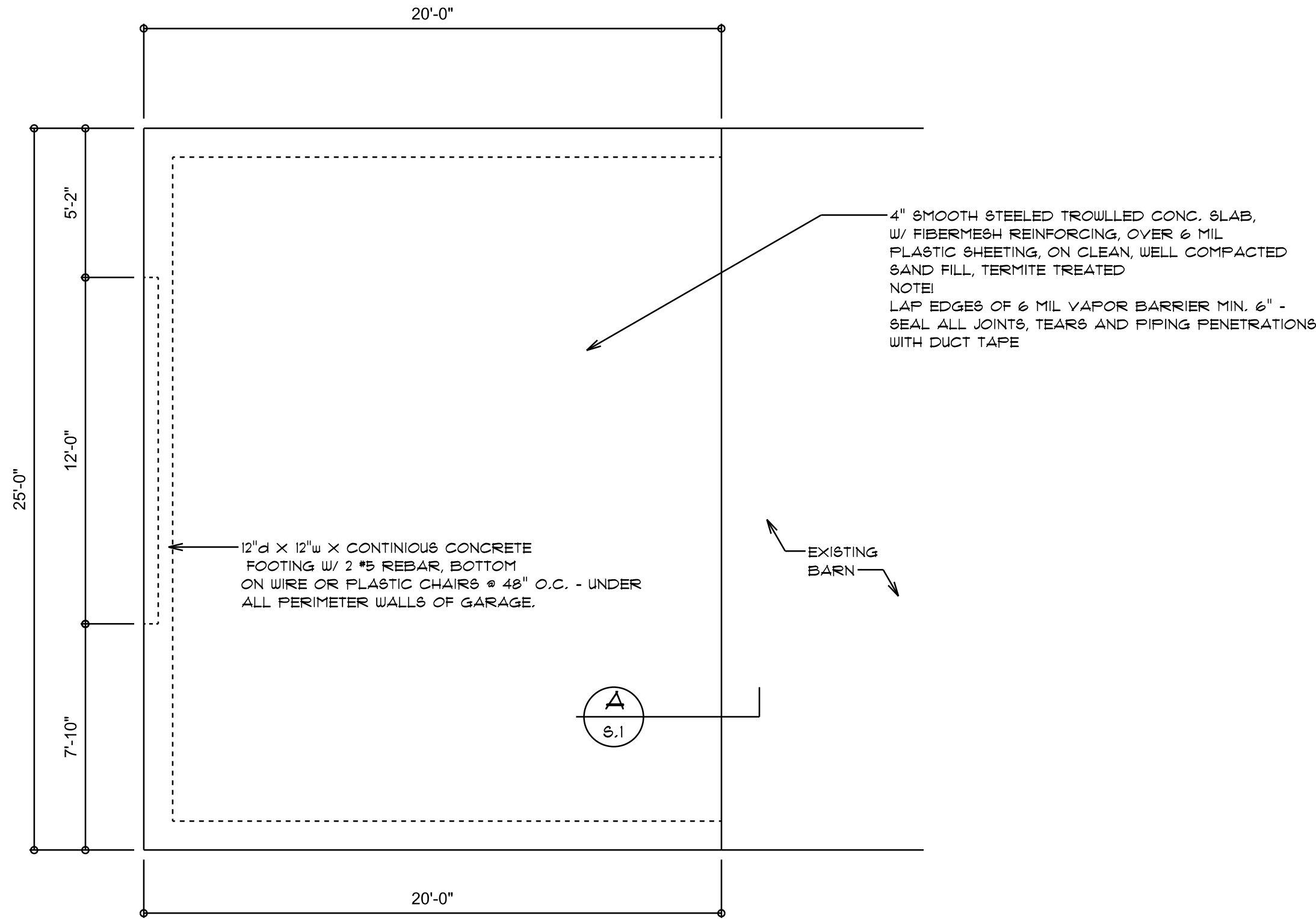


NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 120 MPH PER FBC 1603
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ADDED FILL SHALL BE APPLIED IN 6" LIFTS -
EACH LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

NOTE:
PROVIDE A MINIMUM OF TWO OPENINGS HAVING A TOTAL NET AREA
OF NOT LESS THAN ONE SQUARE INCH FOR EVERY SQUARE FOOT OF
ENCLOSED AREA SUBJECT TO FLOODING

NOTE:
THE PROJECT IS DESIGNED IN ACCORDANCE WITH ASCE 24



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

REVISIONS

Sept. 9th, 2023

DETACHED GARAGE ADDITION FOR:
BURTON RESIDENCE
COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1759 NW Brown Rd.
Lake City, FL 32095

SHEET NUMBER

S.1

OF 4 SHEETS

N.P.
GEISLER
R

Digitally signed by N. P. GEISLER
DN: CN = N. P. GEISLER, email =
ngeisler47@gmail.com, C = US, O =
AR0007005 OU = N.P. GEISLER
Date: 2023.09.08 13:37:36 -0500

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