

FOUNDATION PLAN
BUILDING 12

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

STRUCTURAL NOTES: WIND DESIG: ASCE 7-12

1.-GENERAL:
ALL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE 2023 8 ED. THE AMERICAN CONCRETE INSTITUTE ACI-318-89 AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

2.-not used

3.-REINFORCED CONCRETE:
ALL CONCRETE SHALL DEVELOP THE FOLLOWING MINIMUM 28 DAYS COMPRESSIVE STRENGTH. (UNLESS OTHERWISE NOTED ON PLANS)
FOOTINGS.....3000 PSI.
SLABS ON FILL.....3000 PSI.
CRYPTS.....3000 PSI.
ALL OTHERS.....4000 PSI.
SLUMP OF CONCRETE SHALL NOT EXCEED 5 INCHES.

4.-REINFORCED STEEL:
ALL REINFORCING STEEL SHALL BE CLEAN DEFORMED BARS OF NEW BILLET STEEL CONFORMING WITH ASTM. A615 GRADE 60.
WELDED WIRE FABRIC SHALL COMPLY WITH ASTM. A185.

ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM CONCRETE COVERAGE:
FOOTINGS.....3 IN.
SLABS POURED ON GROUND.....1-1/2".
BEAMS AND COLUMNS.....1-1/2".

5.-SOIL:
DESIGNED SOIL BEARING CAPACITY OF 2000 PSF.
FILL MUST BE CLEAN AND COMPACTED (MINIMUM 95% FBC 1804.2.1)
TERMITE TREATED SOIL AND A CERTIFICATE FOR TERMITE TREATMENT IS REQUIRED ON THE PERMIT BOARD AS PER FBC SECTIONS 104.2.6 & 7.

6.-REMOVE ALL DEBRIS, ORGANIC MATERIAL SUCH AS TREE STUMPS AND ANY OTHER OBSTACLE FOR NEW CONSTRUCTION. MATERIAL FOR FILL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS AND OTHER APPROVED SOURCES FREE FROM ORGANIC MATERIAL OR OTHER DELETERIOUS COMPONENTS.

7.-COMPACT TO 95% DENSITY AS PER APPROVED SOIL LABORATORY TESTING & CERTIFICATION BY FLORIDA REGISTERED PROF. ENGINEER.

8.-PLANS & SPECIFICATIONS HAS BEEN PREPARED IN ACCORDANCE WITH:
FLORIDA BUILDING CODE 2023 AND ASCE7-5

MARK	FOUNDATION SCHEDULE
△	14" CONCRETE SLAB ON GRADE WITH #5 @ 12" O.C. EW. AT MIDDLE ON 6 MIL. OF INCH POLYETHYLENE FILM AS VAPOR BARRIER, OVER WELL COMPACTED FILL
△	6" CONCRETE SLAB ON GRADE WITH #4 @ 12" O.C. EW. ON WELL COMPACTED (TOOL MARKET & BRUSH)
△	8" X 8" W/ (1) #5 CONT. (THICKENED SLAB)

EXTERIOR CONC. SLAB SHALL BE SLOPED 1/8" AWAY FROM BUILDING

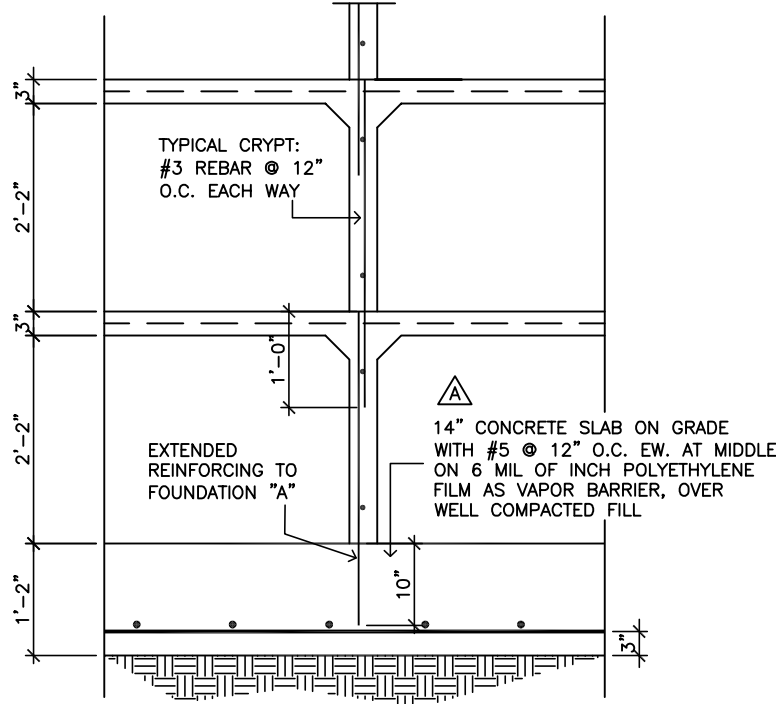
STRUCTURAL NOTES

Structure has been designed in accordance with The Florida Building Code 2023 8 ED, Building for design pressures generated by a design wind of 175 mph. & ASCE 7-12
Basic Design Wind speed:175 mph.

Category: II
Importance Factor:1.00
Wind Exposure: C
Enclosed Building. (Partially)
Live load:
Roof: 30 psf
Crypts: 40 psf
Dead Loads: 15 psf

OCCUPANCY CLASSIFICATION
GROUP S2 LOW HAZARD STORAGE OCCUPANCY FBC 2023 EDITION 8 460.2

TYPE OF CONSTRUCTION:
TYPE IIB UNSPRINKLED FBC 2023 EDITION 8 460.3



CRYPT WALL DETAIL AT FOUNDATION
SCALE:1/2"=1'-0"

This item has been digitally signed and sealed by Alejandro Ramirez, PE on: see seal date Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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