

EXISTING CONDITIONS.  
Contractor must visit the  
site and familiarize with  
existing conditions prior to  
bidding. There is work  
involved in areas outside  
the space. Contractor shall  
coordinate such work,  
minimize disruptions and  
bring those areas to the  
same condition it was prior  
the work was performed.

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.  
Alejandro Ramirez, PE 52742

No.	Description	Date

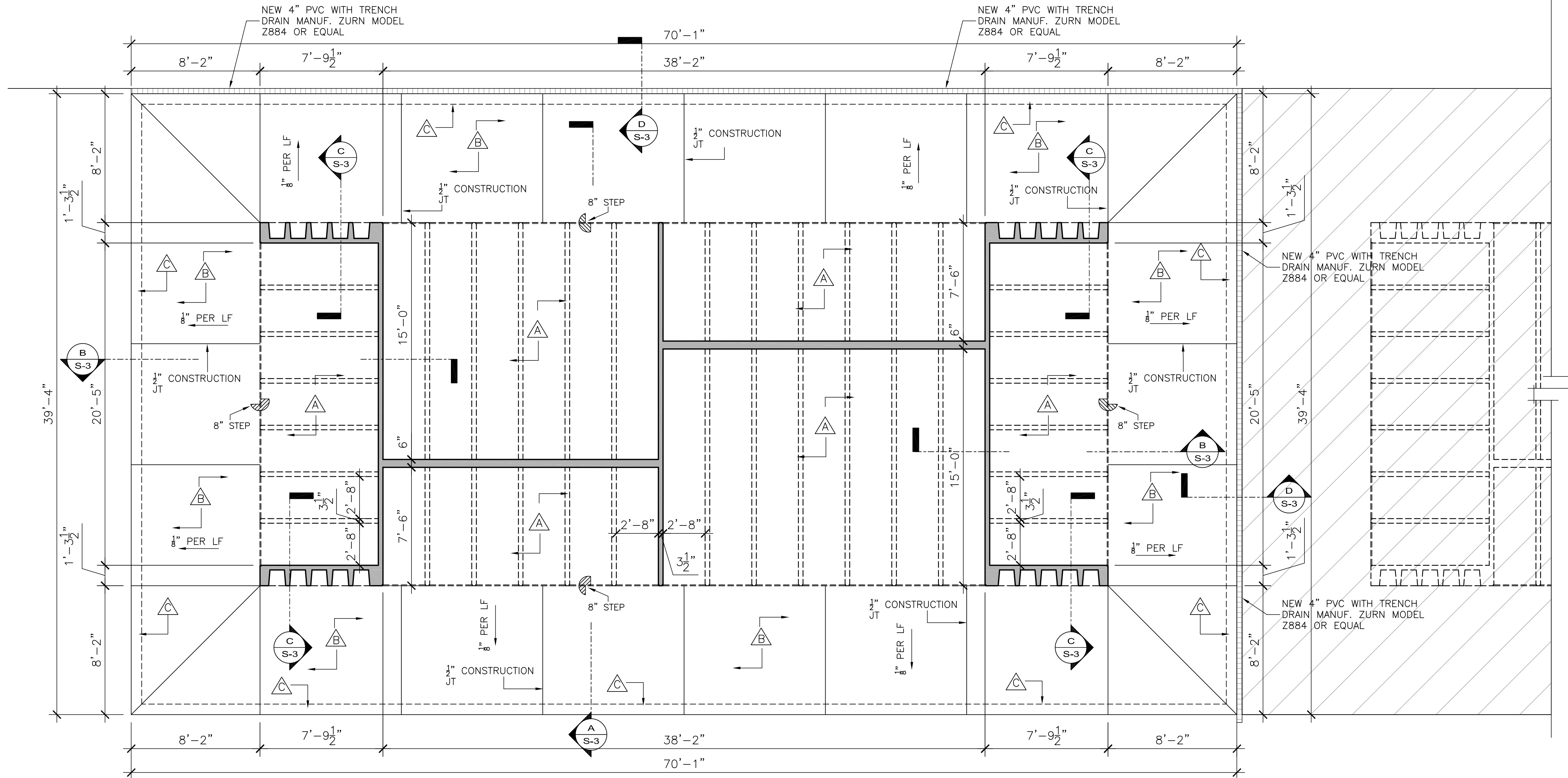
Proposed  
Mausoleum  
Building  
At  
Forest Lawn  
Memorial  
Gardens

200 WEST COPANS ROAD  
POMPANO BEACH  
FLORIDA

Project number 2024-05  
Date December 14, 2024

S-1

Scale 1/4"=1'-0"



FOUNDATION PLAN  
BUILDING 12

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

STRUCTURAL NOTES: WIND DESING: ASCE 7-10

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. A-615 GRADE 60.  
WELDED WIRE FABRIC SHALL COMPLY WITH ASTM. A-185.

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
△	12" 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

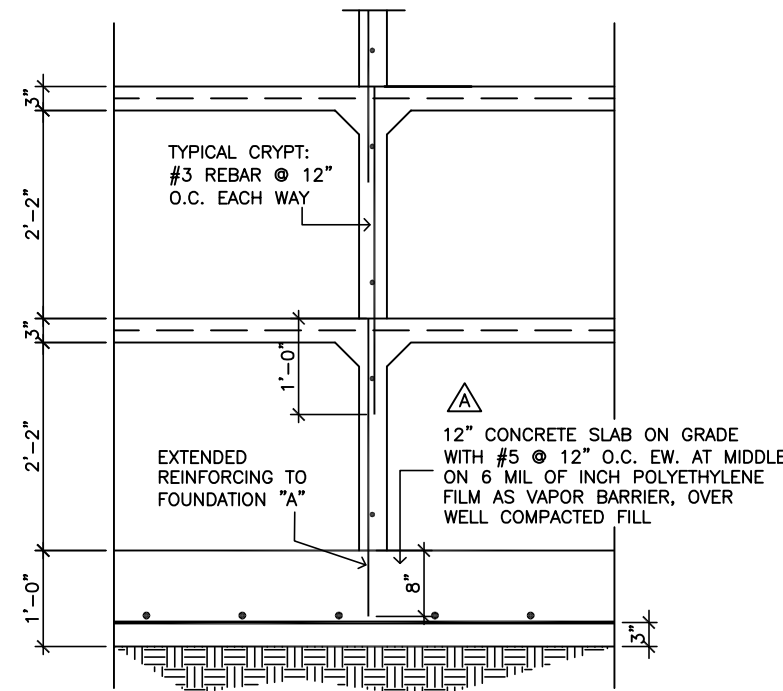
STRUCTURAL NOTES

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 7-10  
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 2017 430.2

TYPE OF CONSTRUCTION:  
TYPE IIB UNSPRINKLED FBC 2017 430.3



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

DRC

PZ25-12000004

04.02.2024