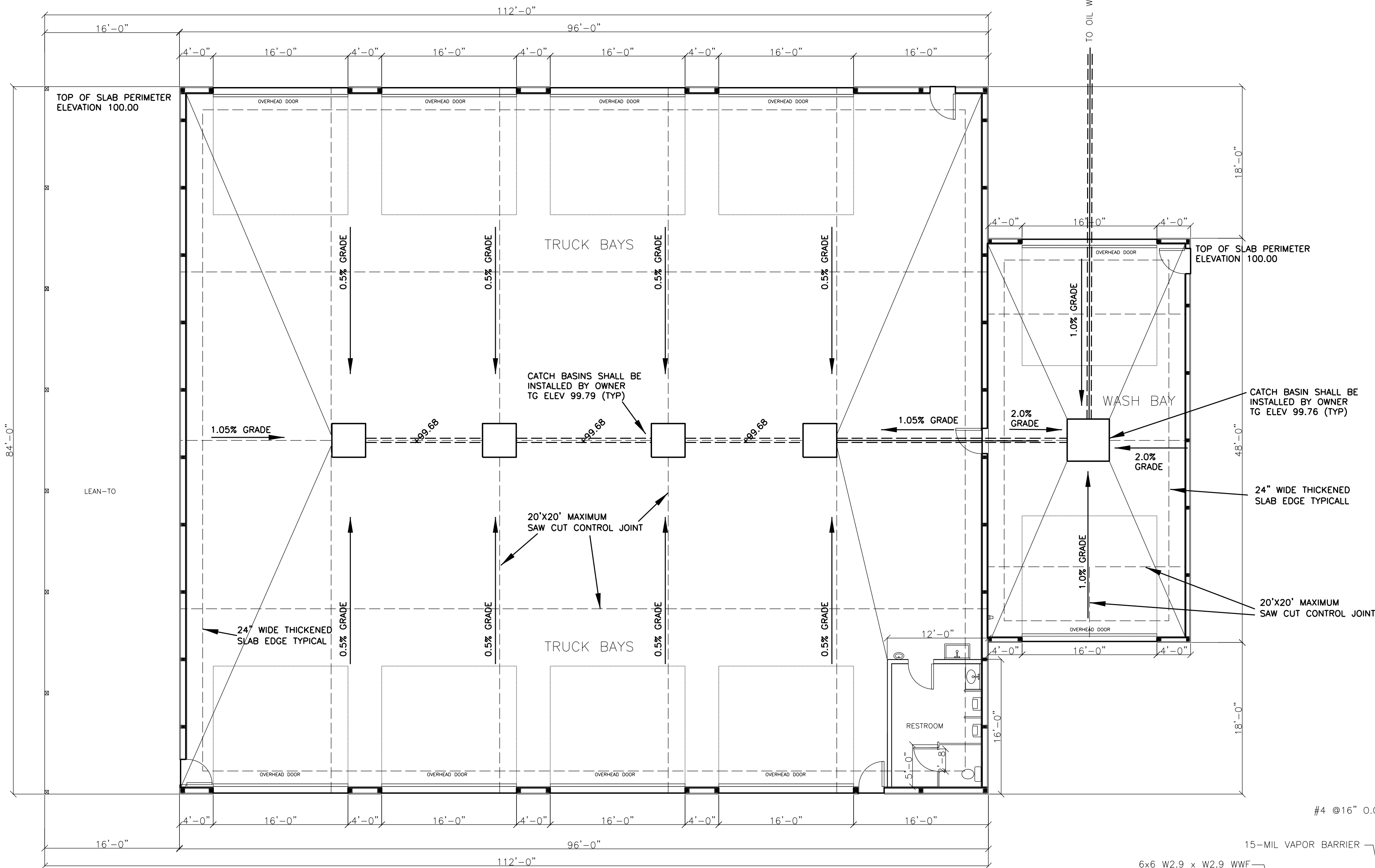


NOTE:

BUILDING CATCH BASINS
 AND ASSOCIATED PIPING SHALL BE INSTALLED
 BY OWNER PRIOR TO CONTRACTOR PREPARATION
 WORK FOR POURING NEW SLAB.

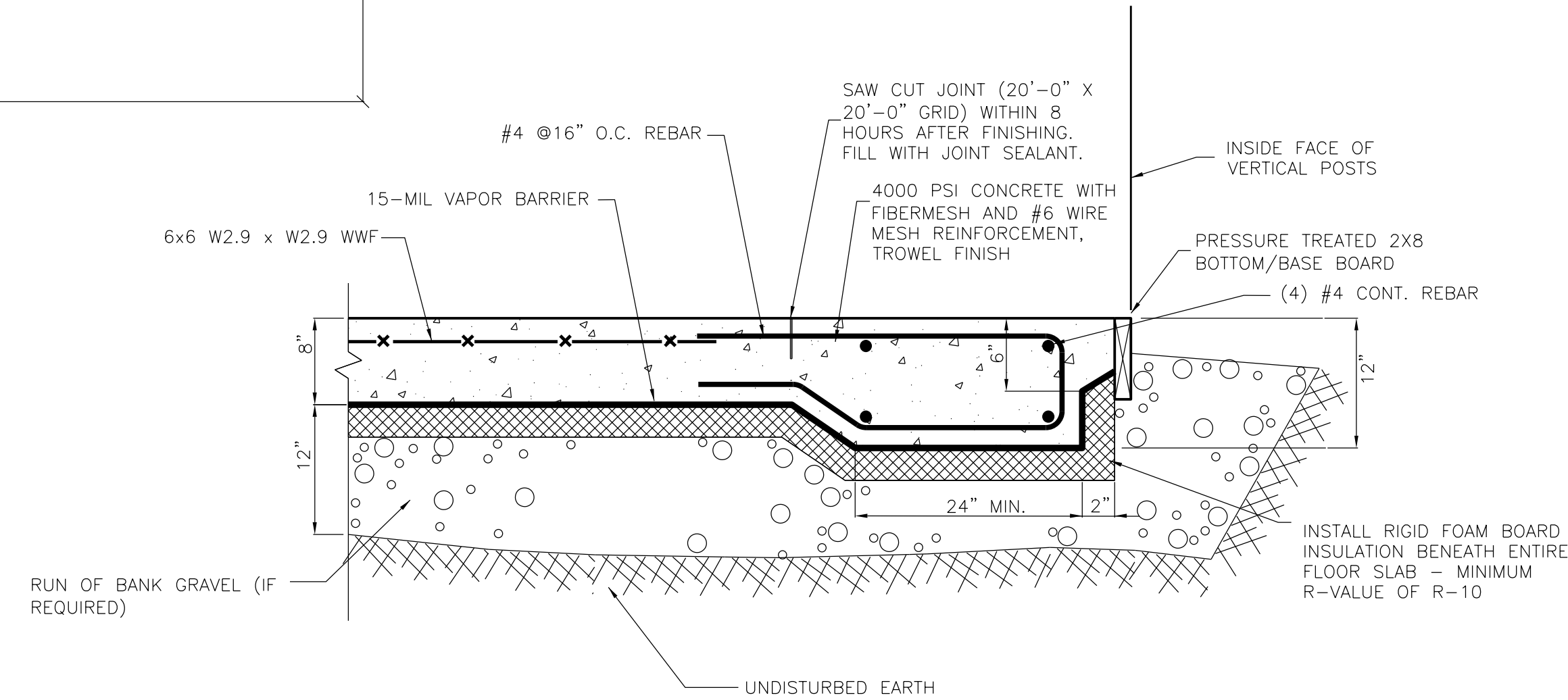
GENERAL NOTES

1. CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE ACI 318 (LATEST EDITION).
2. UNLESS OTHERWISE INDICATED ON DRAWINGS CAST-IN-PLACE CONCRETE SHALL DEVELOP A STRENGTH OF 4,000 PSI AT 28 DAYS.
3. REINFORCEMENT SHALL BE DEFORMED BARS ASTM DESIGNATION A-615, GRADE 60.
4. CONCRETE PROTECTION FOR REINFORCEMENT SHALL CONFORM TO LATEST A.C.I. SPECIFICATION.
5. TEMPERATURE REINFORCING SHALL BE SUFFICIENTLY EMBEDDED TO DEVELOP FULL STRENGTH IN CONCRETE SLAB.
6. REINFORCEMENT TO BE HELD AT CORRECT DISTANCE FROM FORMS AND EARTH BY STEEL CHAIRS OR TIES.
7. FOLLOW C.R.S.I. RULES FOR PLACING OF REINFORCING STEEL AND ACCESSORIES.
8. NO CONCRETE SHALL BE CAST UNTIL THE PRELIMINARY TESTS REQUIRED HAVE BEEN MADE, REPORTS THEREOF FILED WITH THE ENGINEER, AND APPROVED. THE CONTROLLED CONCRETE TO BE USED SHALL CONFORM TO THE APPROVED DESIGN MIX OBTAINED AS A RESULT OF THE PRELIMINARY TESTS. THE USE OF ANY ADDITIVES NOT PRESENT IN THE PRELIMINARY TEST MIX IS PROHIBITED.
9. REPRESENTATIVE TEST CYLINDERS WILL BE TAKEN FROM THE CONCRETE PLACED EACH DAY IN ACCORDANCE WITH CONCRETE SPECIFICATIONS.
10. WELDED WIRE FABRIC SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 70,000 PSI AND SHALL CONFORM TO ASTM A-185 AND A-497.
11. MESH SHALL BE SPLICED SO THAT THE OVERLAP BETWEEN OUTERMOST CROSS WIRES OF EACH SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRES PLUS TWO INCHES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
12. THIS CONTRACTOR SHALL COOPERATE WITH OTHER TRADES AND WHERE REQUIRED INSTALL ALL BUILT-IN WORK, SLEEVES, INSERTS, ETC., AS REQUIRED FOR A COMPLETE JOB.
13. STRUCTURAL SLABS ON GRADE SHALL BE OF A THICKNESS AND REINFORCED AS INDICATED ON DRAWINGS.
14. SLABS-ON-GRADE SHALL HAVE THICKENINGS, DEPRESSIONS, OPENINGS, ETC., AS REQUIRED OR AS SHOWN HEREIN OR ON ARCHITECTURAL DRAWINGS.
15. TOP ELEVATION OF SLABS SHALL VARY ACCORDING TO FINISH FLOOR MATERIAL. SEE ARCHITECTURAL DRAWINGS.
16. IN ANY APPROVED CONSTRUCTION JOINT, PROVIDE 2" X 4" KEY AND LAP REINFORCING PER ACI, EXCEPT FOR SLABS-ON-GRADE.
17. SLAB-ON-GRADE SHALL BE POURED IN STRIPS. THE STRIP SHALL BE ONE COLUMN BAY WIDE AND THE CONTROL JOINTS IN SLABS ON GRADE SHALL HAVE MAXIMUM SPACING OF 36" SLAB THICKNESS (IN INCHES) IN EITHER DIRECTION.
18. BACKFILL TO BE PLACED IN 6" LAYERS AND COMPACTED TO 95% OF MAXIMUM MODIFIED DENSITY.
19. PROVIDE PRECAST LINTELS FOR OPENINGS OR RECESSES IN BLOCK WALLS WHERE NO SPECIFIC LINTEL IS NOTED. LINTELS SHALL HAVE 8" MINIMUM BEARING EACH END, WHERE STRUCTURAL MEMBERS INTERFERE WITH BEARING, PROVIDE CONNECTION TO MEMBER.
20. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS IN ROOF, FLOORS AND WALLS NOT SHOWN ON STRUCTURAL DRAWINGS.
21. FOOTINGS ARE DESIGNED FOR A SOIL BEARING PRESSURE OF 2 TONS PER SQUARE FOOT (4,000 PSF) PER GEOTECHNICAL REPORT BY VINCENT MAZZONE, P.E. DATED OCTOBER 30, 2022.
22. UNLESS OTHERWISE NOTED WALL FOOTINGS SHALL BE MINIMUM 12" THICK AND PROJECT 6" BEYOND ALL FACES OF WALLS AND AS A MINIMUM CONTAIN #5@12" O.C. BOTTOM BARS.
23. MAXIMUM STEP OF FOOTINGS SHALL BE ONE VERTICALLY TO TWO HORIZONTALLY WHERE ELEVATIONS CHANGE.
24. FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY SOILS ENGINEER PRIOR TO CONCRETE PLACEMENT. SOFTENED OR OTHERWISE UNSUITABLE BEARING MATERIALS SHALL BE REMOVED AND REPLACED WITH LOAD-BEARING FILL OR WITH LEAN CONCRETE (2,000 PSI).
25. FOUNDATION EXCAVATIONS SHALL BE CUT TO FINAL GRADE AND FOUNDATIONS CONSTRUCTED AS SOON AS POSSIBLE TO MINIMIZE POTENTIAL DAMAGE TO BEARING SOILS. IF THE EXCAVATION MUST REMAIN OPEN OVERNIGHT OR IF RAINFALL BECOMES IMMINENT WHILE THE BEARING SOILS ARE EXPOSED, A 3" MUD SLAB OF LEAN CONCRETE (2,000 PSI) SHALL BE PLACED FOR PROTECTION OF THE BEARING SOIL.
26. EXCAVATIONS SHALL BE KEPT DRY BY PUMPING UNTIL UNDERGROUND CONSTRUCTION IS COMPLETE.
27. LOOSENEED BEARING SOILS SHALL BE RECOMPACTED WITH A SMALL VIBRATORY PLATE COMPACTOR PRIOR TO PLACEMENT OF REINFORCING BARS.
28. BACKFILL SHALL BE BROUGHT UP EQUALLY ON BOTH SIDES OF FOUNDATION WALLS UNTIL THE FINAL ELEVATION IS ACHIEVED. VARIATIONS SHALL NOT EXCEED 2'-0" BETWEEN BACKFILL ELEVATIONS ON EITHER SIDE WITHOUT ENGINEER'S APPROVAL.



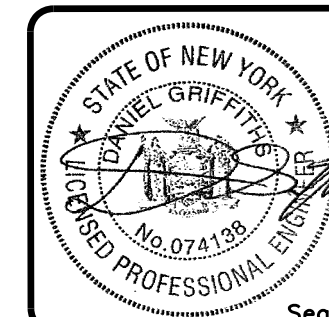
PROPOSED FLOOR PLAN

SCALE: 1/8" = 1'-0"



TYPICAL CONCRETE FLOOR SECTION

SCALE: 1" = 1'-0"



REVISIONS	NO.	DATE	DESCRIPTION
	1		
	2		
	3		

Designed by:	CJP
Checked by:	DIG
Date:	SEPTEMBER 10, 2024
Project No.:	2024-102
Plot Scale:	

Drawing Name:
**CONCRETE FLOOR
 SLAB DESIGN**

Project Location:
 VILLAGE OF ENDICOTT
 VILLAGE BARN
 104-106 HENNING'S STREET
 ENDICOTT, NEW YORK

Project Name:
 VILLAGE OF ENDICOTT
 HIGHWAY GARAGE BARN

Drawing Reference Number:
S-1