

GENERAL NOTES:

IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

SHOULD ANY OF THE DETAILED INSTRUCTION SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATION OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE PLANS AND FOR COORDINATING ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE FOUNDATION PLAN WITH THOSE SHOWN ON THE METAL BUILDING PLANS OR OTHER PLANS. IF DISCREPANCIES OCCUR, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BRING THE DISCREPANCY TO THE ATTENTION OF THE FOUNDATION ENGINEER BEFORE PROCEEDING WITH THE WORK.

MATERIAL SPECIFICATIONS:

CODE : FBC 7 / 6th EDITION
MINIMUM 28 DAY CONCRETE STRENGTHS: SUBMIT MIX DESIGN
FOOTING:..... 3500 PSI
SLABS ON GRADE:..... 3500 PSI
(DURABILITY REQUIREMENTS MAY CONTROL MIX DESIGN: MAX SLUMP = 3" to 4")
ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
ALL ANCHOR BOLT SHALL BE F1554-36 KSI HEX HEAD.

CONCRETE NOTES:

ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301) OF THE AMERICAN CONCRETE INSTITUTE.

PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.

ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.

COORDINATE CONCRETE WORK WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ARCHITECTURAL FINISHED CONCRETE, RECESSED AREAS, EMBEDDED ITEMS, AND SPECIAL CONTROL JOINTS.

PROVIDE THE FOLLOWING MINIMUM CLEAR COVER FOR REINFORCING STEEL FROM SURFACE OF CONCRETE:

-FOR CONCRETE SURFACE EXPOSED TO THE WEATHER OR AGAINST WHICH BACKFILL WILL BE PLACED:

-FOR SPACINGS OTHER THAN ABOVE, OR TIES, OR STIRRUPS
1-1/8 INCH FOR COLUMN SPREADS, OR STIRRUPS AT JOINTS
AND CORNERS OF BEAMS AND STRIPS OF PLATES.
TOLERANCES FOR BAR COVER ARE +3/8 INCH FOR CONCRETE THICKNESSES OF 8 INCHES OR LESS AND +/- 1/2 INCH FOR CONCRETE HAVING A THICKNESS GREATER THAN 8 INCHES. TOLERANCE FOR LONGITUDINAL LOCATION OF BENDS AND ENDS OF REINFORCEMENT SHALL BE +/- 2 INCHES EXCEPT AT DISCONTINUOUS ENDS OF MEMBERS WHERE THE TOLERANCE SHALL BE +/- 1 INCH. TOLERANCE FOR BAR SPACING IS +/- 2 INCHES. TOLERANCE FOR LENGTH OF LAP SPLICE IS -1 INCH, AND TOLERANCE FOR IMBEDDED LENGTH IS +/- 1 INCH.

SOIL NOTES:

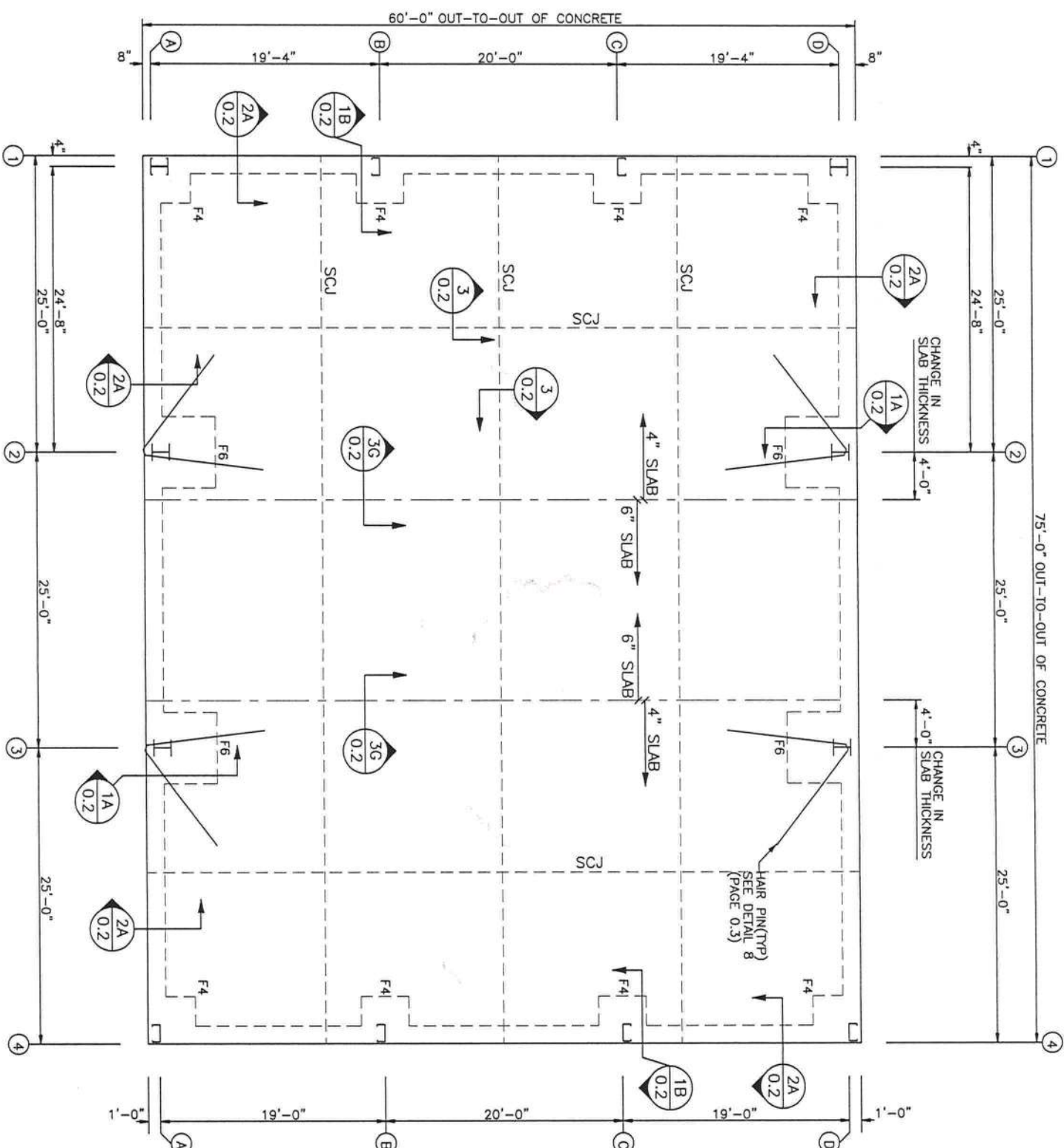
ALL ORGANICS (99%) SHALL BE REMOVED FROM THE BUILDING PAD AREA. THE SITE SHALL BE CLEARED AND GRUBBED. IF STRUCTURAL FILL IS REQUIRED FOR THE SITE, IT SHALL BE PLACED IN LIFTS NO GREATER THAN 6' BEFORE COMPACTION TAKES PLACE. SOIL DENSITIES BENEATH ALL FOOTINGS AND SLABS MUST ACHIEVE (98%) STANDARD PROCTOR UNLESS DIRECTED OTHERWISE BY THE GEOTECHNICAL ENGINEER. SOIL BEARING CAPACITIES CAN BE VERIFIED USING A DYNAMIC CONE PENETROMETER OR SIMILAR MEANS. A UNIFORM AND WELL DYNAMIC BASE & SUBGRADE IS ESSENTIAL FOR PROPER SLAB PERFORMANCE.

IF PUMPING OR RUTTING IS OBSERVED, REPAIRS MUST BE MADE. ANY DEPRESSIONS GREATER THAN 1/2 INCH REQUIRE REPAIR.

A 4"-6" COMPACTED GRANULAR FILL SHALL BE PLACED BENEATH THE SLAB WITH A MIN 6 MIL VAPOR BARRIER PLACED DIRECTLY BENEATH THE SLAB UNLESS DIRECTED OTHERWISE BY THE GEOTECHNICAL ENGINEER.

THE NET ALLOWABLE BEARING CAPACITY OF THE SOIL USED IN DESIGN OF THE FOUNDATION IS 1500 PSF. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SOILS COMPLY WITH THESE ASSUMPTIONS BEFORE ANY CONCRETE IS POURED. NO GEOTECHNICAL REPORT WAS AVAILABLE WHEN THIS FOUNDATION PLAN WAS PREPARED.

COORDINATE A SAW JOINTS WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING PLANS. SAW JOINT LOCATIONS ARE SUGGESTIVE. SAW JOINTS SHOULD BE APPROXIMATELY SQUARE. IF POSSIBLE, IF NOT, TRY TO LIMIT THE LONGEST SIDE TO 1.5 TIMES THE SHORTEST SIDE. THE FOUNDATION ENGINEER DOES NOT HAVE SPECIFIC KNOWLEDGE OF ANY SPECIFIC SLAB LOADINGS. IT IS ASSUMED THAT SLAB LOADINGS WILL BE LIGHT IN NATURE SUCH AS FOR LIGHT COMMERCIAL/RESIDENTIAL FACILITIES. SEE JOINT DETAILS SHEET 0.2.



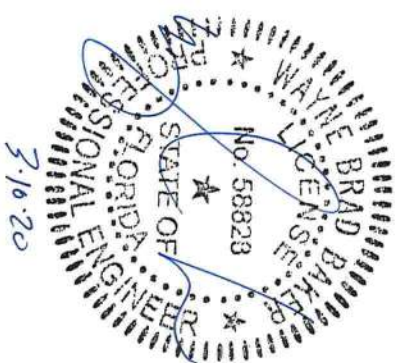
COORDINATE THE FOUNDATION PLAN WITH THE SPECIFIC ANCHOR LAYOUT PLAN PROVIDED BY THE MBM.

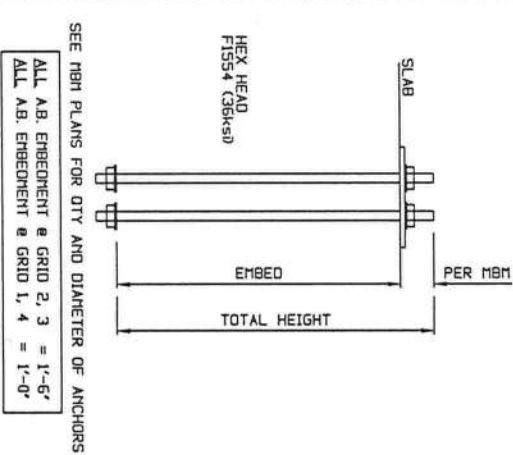
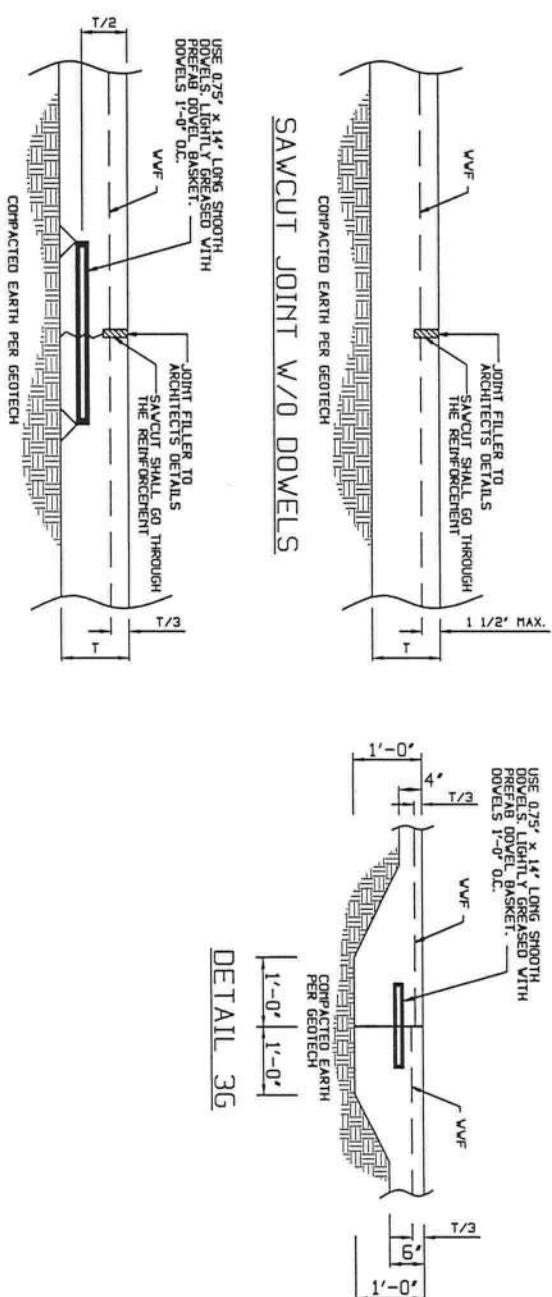
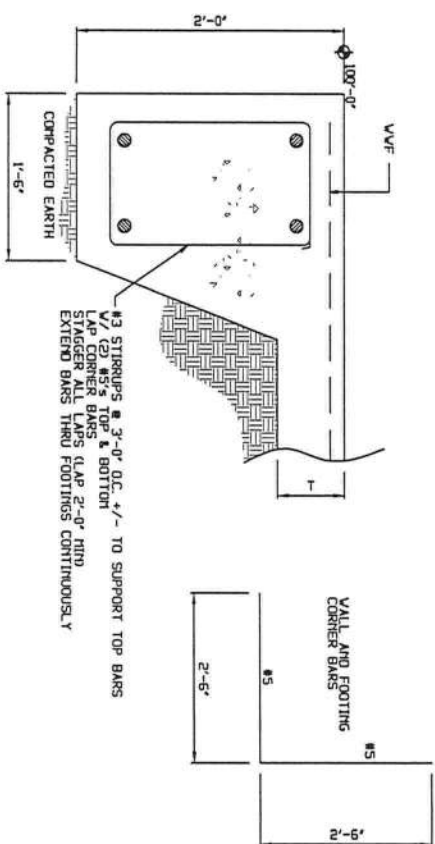
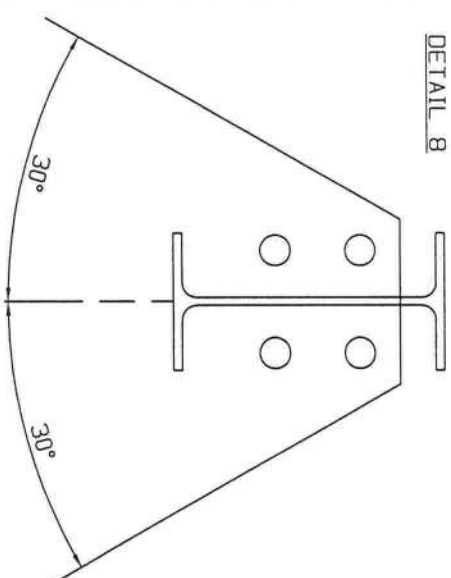
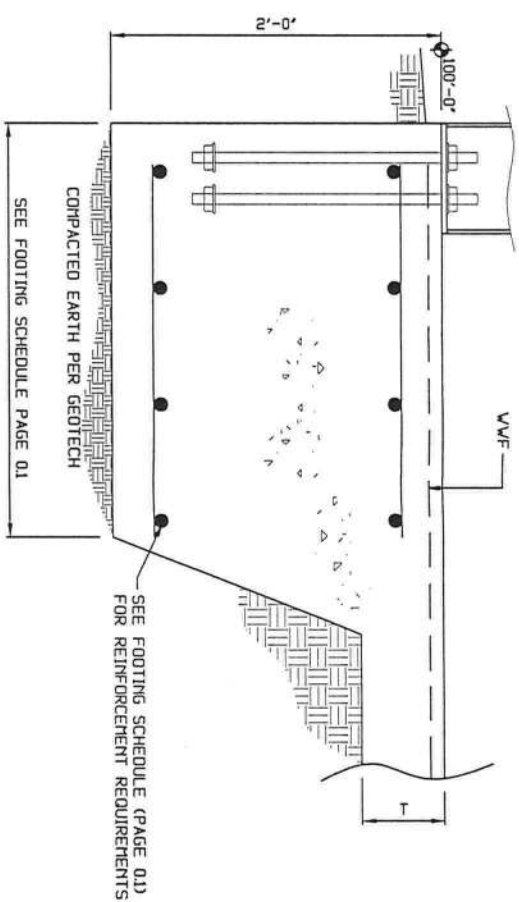
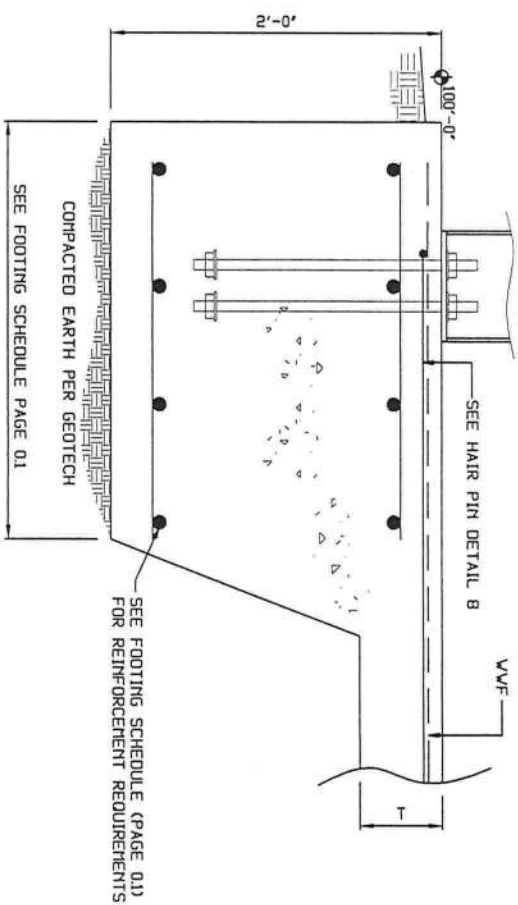
FOOTING SCHEDULE				
MARK #	SIZE (L x W x T)	TOP REINF.	BOTTOM REINF.	T.O.F. ELEV.
F4	4'-0"x4'-0"x2'-0"	(7) #5's E.W.	(7) #5's E.W.	PER CIVIL
F6	6'-0"x6'-0"x2'-0"	(6) #6's E.W.	(6) #6's E.W.	PER CIVIL

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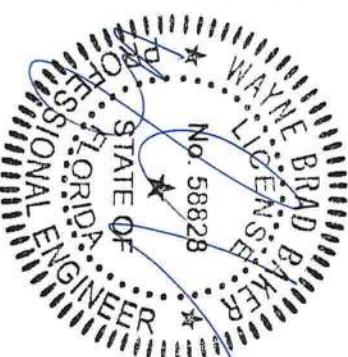
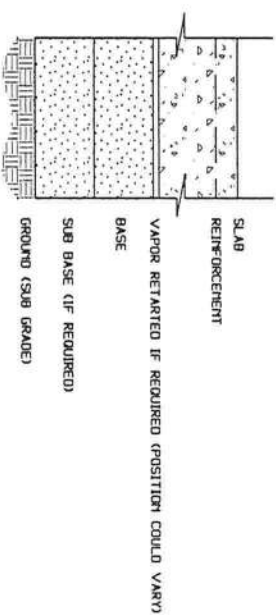
CUSTOMER:			
GAMBLE & ASSOCIATES, INC.			
JOB NO:		DATE:	
6311		2/26/2020	
LOCATION:			
LAKE CITY, FL 32025			
DRAWING NAME:		SCALE:	
FOUNDATION PLAN		NONE	
DRAWING NO:	DRAWING BY:	CHECKED BY:	DESC:
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	SLAB/SOIL SUPPORT SYSTEM DESCRIPTIONS
SLAB:	4" OR 6" CONCRETE SLAB (3000 PSI AT 28 DAYS)
REINFORCEMENT:	6#6-V29-A#29 VWF LOCATED IN UPPER 1/3 OF SLAB
BASE MATERIAL: SUBGRADE:	THICKNESS, COMPOSITION, & COMPACTION PER GEOTECHNICAL ENGINEER.
VAPOR RETARDER:	LOCATION: PER RECOMMENDATION OF GEOTECHNICAL ENGINEER
GRADING TOLERANCES: "ROUGH GRADING" OR SUBGRADE AND "FINE GRADING" OR BASE	+0/-1 INCH FOR ACI FLOOR CLASSES 1-3. +0/-3/4 INCH FOR ACI FLOOR CLASSES 4-9.
ADDITIONAL NOTES:	BOTTOM OF FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE CONCRETE PLACEMENT.



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