

NEW ADDITION FOUNDATION PLAN

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



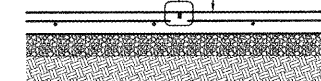
KEYNOTES:

- 1 4" THICK CONCRETE SLAB REINFORCED W/ #3 @ 18" O.C. EACH WAY (PLACED AT MID-HEIGHT OF SLAB) OVER POLYETHYLENE VAPOR RETARDER OVER COMPACTED SUB-BASE MATERIAL (AS DIRECTED BY THE ONSITE GEOTECHNICAL ENGINEER) OVER PROPERLY PREPARED SUBGRADE. FINISH FLOOR EL. = 100'-0" (MATCH EXISTING). COORDINATE INSTALLATION OF UNDER SLAB MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS WITH MECHANICAL DRAWINGS.
- 2 DRILL 6" DEEP HOLES INTO EXISTING FOUNDATIONS FOR #4x1'-6" DOWELS MATCHING QUANTITY AND SPACING OF NEW FOOTING REINFORCEMENT. ADHERE IN PLACE, SEE ADHESIVE ANCHOR INSTALLATION NOTES ON SHEET S1.
- 3 STEP FOOTING AS REQUIRED TO MATCH BOTTOM OF EXISTING FOUNDATIONS. SEE DETAIL 7/3.
- 4 EXISTING PEMB COLUMN
- 5 CONTROL/CONSTRUCTION JOINT SEE DETAILS 1 & 2/S2.
- 6 SLAB HAIRPIN SEE DETAIL 7/S3.2.
- 7 DOOR PAD: PROVIDE 4" THICK CONCRETE PAD CENTERED ON DOOR. REINFORCED W/ #3 @ 18" O.C. EACH WAY (PLACED AT 1/2" BELOW TOP OF SLAB) OVER COMPACTED GRANULAR MATERIAL (AS DIRECTED BY THE ONSITE GEOTECHNICAL ENGINEER) ON PROPERLY PREPARED SUBGRADE. SEE CIVIL DRAWINGS FOR TOP OF CONCRETE SPOT ELEVATIONS. SEE S3.1 FOR SECTION AND DOOR LOCATION.

MARK	FOOTING SIZE (W x L x T)	FOOTING REINF.	BOTTOM OF FOOTING ELEVATION
F1	5'-0" x 5'-0" x 2'-0"	(7) #4'S EACH WAY (TOP & BOT)	97'-0"
F3	4'-0" x 4'-0"	(4) #5'S EACH WAY	MATCH EXISTING
F4	4'-0" x 4'-0" x 2'-0"	(6) #4'S EACH WAY (TOP & BOT)	97'-0"
F5	4'-0" x 4'-0" x 2'-0"	(6) #4'S EACH WAY (TOP & BOT)	97'-0"

- ALL ANCHOR BOLTS SHALL BE SIZE, QUANTITY AND SPACING AS SPECIFIED BY THE PEMB MANUFACTURER. MAINTAIN 3" MINIMUM CONCRETE COVER AT BOLTS.
- COLUMN BASE PLATES ARE TO REST ON TOP OF SLAB. PROVIDE LEVEL BEARING SURFACE FOR EVEN CONTACT.
- COLUMN FOOTING REINFORCEMENT TO BE INTEGRAL WITH CONTINUOUS FOUNDATION REINFORCEMENT WHERE APPLICABLE.
- PROVIDE TEMPLATE TO LOCATE CAST-IN-PLACE BOLTS.
- COLUMN FOOTINGS TO BE CENTERED BENEATH COLUMN WHERE POSSIBLE.

SLAB CONTROL JOINT, TOOLED OR SAWN. CONTROL JOINT TO BE 1/2" x 1/4" SLAB THICKNESS. SEE FOUNDATION PLAN FOR JOINT LOCATIONS.



1 TYP. CONTROL JOINT DETAIL

SCALE: 3/4" = 1'-0"

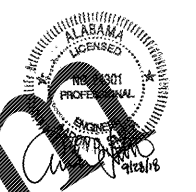
3/4" x 10'-10" SMOOTH DOWEL @ 12" O.C. GREASE ONE END TO PREVENT BOND

CONSTRUCTION JOINT (IF NEEDED). LOCATION TO COINCIDE WITH CONTROL JOINTS. (SEE FOUNDATION PLAN).



2 TYP. CONSTR. JOINT DETAIL

SCALE: 3/4" = 1'-0"



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FOUNDATION PLAN

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DRAWN BY: BTJ CHECKED BY: AS
DATE: 9/28/18
REVISION:
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S2

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