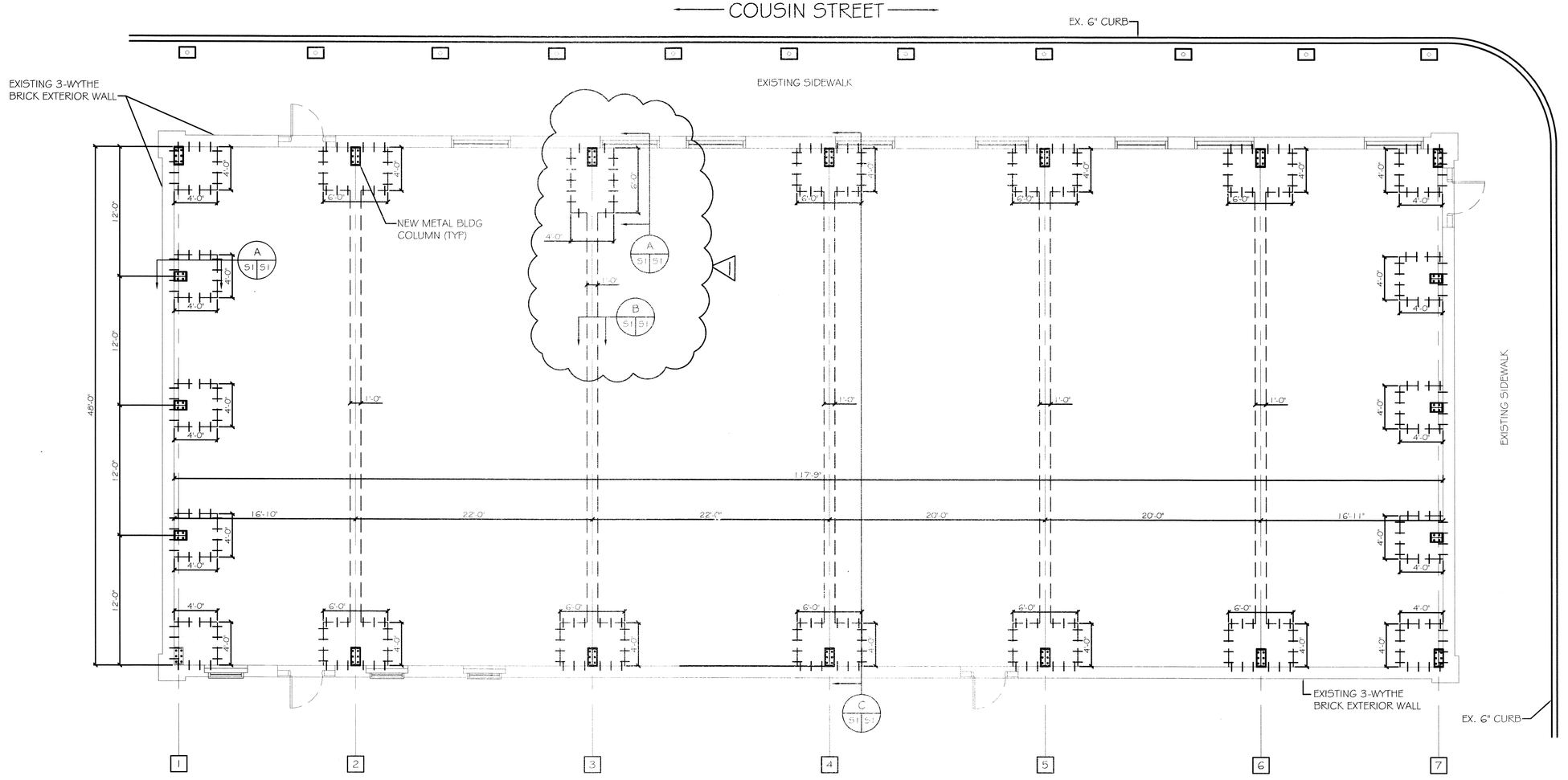


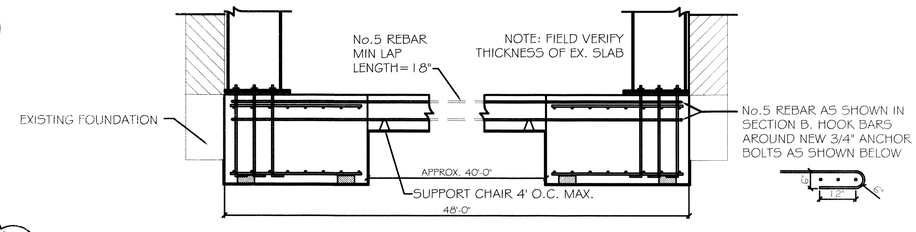
FIELD VERIFY COLUMN LOCATION WITH METAL BUILDING MANUFACTURERS COLUMN LAYOUT PRIOR TO CONSTRUCTION. (TYP.)

FOUNDATION PLAN

SCALE: 3/16"= 1'-0"

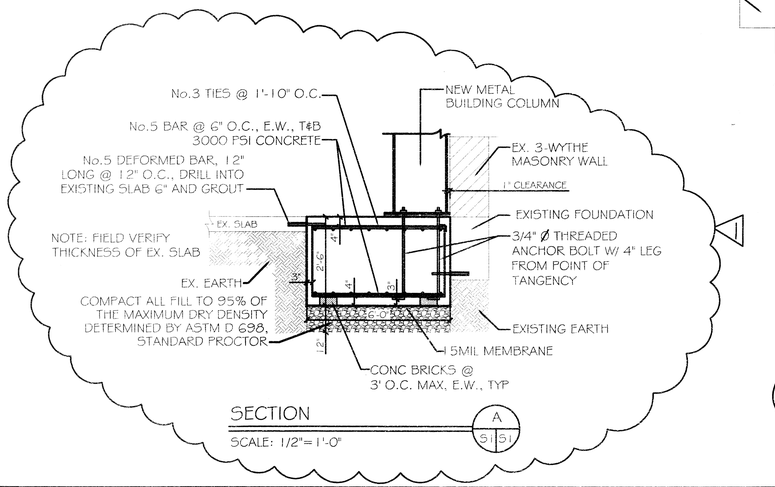
FOUNDATION GENERAL NOTES:

1. THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT RETROFIT COLUMN FOOTING AND BEAMS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, BRICK LEDGES, BLOCK OUTS, OFFSETS, ETC., SHOWN ON THESE PLANS, TO ASSURE AGREEMENT WITH ARCHITECTURAL PLANS.
2. BEAM SIZES AND LOCATION SHALL NOT BE CHANGED WITHOUT APPROVAL OF THE ENGINEER, EXCEPT THAT BEAM DEPTH MAY BE EXTENDED TO REACH UNDISTURBED SOIL, SPECIAL LOADS NOT INDICATED ON DRAWING I.E., BRICK FIREPLACES, AND OR CHIMNEYS, HOT TUBS ETC., REQUIRE ADDITIONAL REINFORCEMENT.
3. IT IS RECOMMENDED THAT A CURING COMPOUND BE USED TO CONTROL SHRINKAGE.
4. AS A MINIMUM, INSTALLATION OF RIGID FLOOR TILES, BRICK, ETC. SHALL BE OVER AN ELASTIC BOND BREAKER. ANY CRACKS IN CONCRETE FLOOR SHALL BE TREATED PRIOR TO INSTALLATION OF TILES. ELASTOMETIC ADHESIVE IS RECOMMENDED FOR CERAMIC FLOOR TILES. WHERE DECORATIVE CONCRETE IS USED, ADDITIONAL REINFORCEMENT WILL BE REQUIRED.
5. WHERE REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL CONFORM TO ASTM A615. WOVEN WIRE FABRICS SHALL CONFORM TO ASTM A185.
6. TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO BE PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
7. CONCRETE SHALL BE WELL CONSOLIDATED.
8. CONCRETE DESIGN IS BASED UPON A CONCRETE MIX HAVING A MINIMUM OF 5.3 SACKS OF CEMENT PER CUBIC YARD AND A MAXIMUM OF 30 GALLONS OF WATER PER CUBIC YARD. SUCH A MIX SHOULD GIVE A MINIMUM COMPRESSION STRENGTH OF 3,000 P.S.I. AT 28 DAYS. CONCRETE DESIGN MIX SHALL BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE REQUIREMENTS.
9. ALL CONVENTIONAL REINFORCING STEEL SHALL BE ASTM DESIGNATION A-615 (GRADE 60) REINFORCING AND SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
10. REINFORCEMENT SHALL HAVE 3" COVER IN GRADE BEAM BOTTOMS, 2" COVER IN BEAM SIDES AND TOPS, 1-1/2" COVER IN SLAB TOPS AND BOTTOMS, UNLESS OTHERWISE SHOWN.
11. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS.
12. PLANS FOR PIPES, CONDUITS, THIMBLES, ETC. TO PASS THROUGH CONCRETE SLAB OR BEAM, MUST NOT CONFLICT WITH REINFORCING. WHERE A CONFLICT OCCURS, PIPES, CONDUIT, ETC. ARE TO TAKE PRECEDENCE.
13. PROVIDE A SINGLE LAYER OF VAPOR BARRIER UNDER CONCRETE SLAB.
14. FORMS TO BE STRIPPED NO LATER THAN 6 DAYS AFTER PLACEMENT OF CONCRETE.
15. IF DURING PLACEMENT OF FOOTINGS, CONTRACTOR ENCOUNTERS AREAS WHERE SOIL IS UNSTABLE, CONTACT ENGINEER AND MUCK OUT PAST ANY AREA THAT "PUMPS". FILL IN WITH SAND AND COMPACT TO 95% STANDARD PROCTOR.



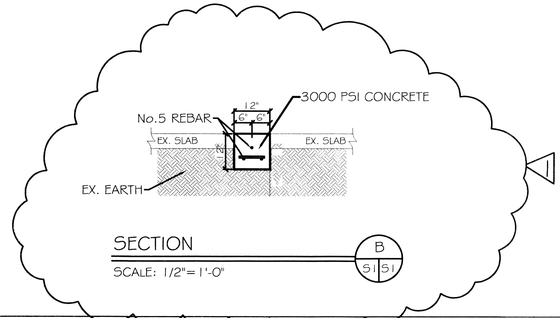
SECTION C

SCALE: 1/2"= 1'-0"



SECTION A

SCALE: 1/2"= 1'-0"



SECTION B

SCALE: 1/2"= 1'-0"

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JOB No:	2146	DATE:	07-13-2012
DRAWN BY:	BSN	CHECKED BY:	BSN

#	DESCRIPTION	DATE
1	REVISED FOUNDATION	06-03-15

REVISIONS

STATE OF LOUISIANA
BRIAN A. KISTICH
License No. 30107
PROFESSIONAL ENGINEER
6/3/2015

FOUNDATION PLAN

SHEET No: 3 OF 9

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