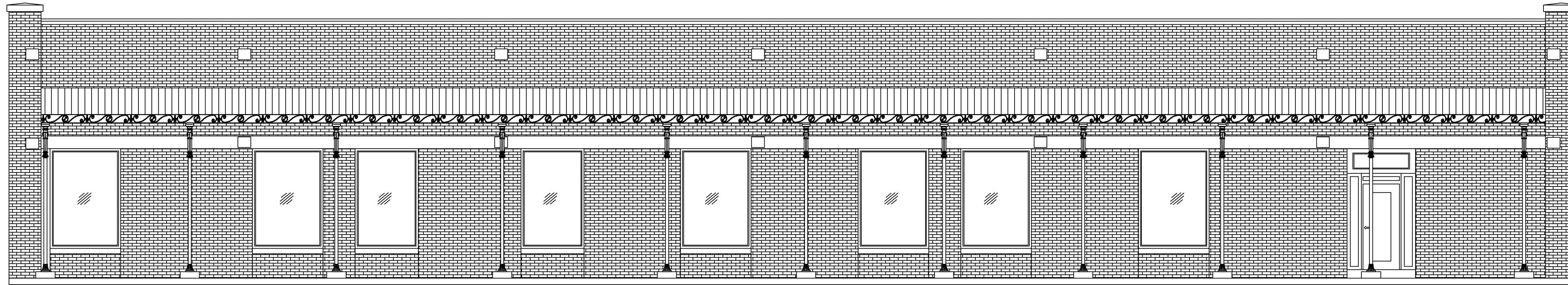


OLDE TOWN SLIDELL

FIRE DAMAGED BUILDING REHABILITATION

227 & 285 COUSIN STREET
SLIDELL, LA 70458
6,000 SQ.FT. EXISTING
NON-SPRINKLED



INTERNATIONAL BUILDING CODE 2009 SUMMARY

OCCUPANCY CLASSIFICATION:
BUSINESS GROUP: B (SEC 304.1)

OCCUPANT LOAD: (TBL 1004.1.1)
BUSINESS = 100 GROSS / OCCUPANT = (6,000/100) = 60 OCCUPANTS
TOTAL LOAD = 60 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC 1014)
2 EXITS REQUIRED FOR > 50 OCCUPANTS (TBL 1015.1)
2 EXITS PROVIDED
MAXIMUM COMMON PATH OF EGRESS TRAVEL = 200' (BUSINESS WITHOUT SPRINKLER, TBL 1016.1)
LONGEST EGRESS PATH IN AREA OF WORK = 50'

CONSTRUCTION CLASSIFICATION: (SEC 602.2)
TYPE IIB

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
THREE STORY AND 23,000 SQ.FT. (BUSINESS)
THIS BLDG 6,000 SQ.FT. / 1 STORY

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)
STRUCTURAL FRAME = 0 HRS.
BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.
NON-BEARING WALLS = 0 HRS.
FLOOR CONSTRUCTION = 0 HRS.
ROOF CONSTRUCTION = 0 HRS.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)
EXTERIOR WALLS WITH \geq 30' FIRE SEPARATION DISTANCE = 0 HRS.
EXTERIOR WALLS WITH < 5' FIRE SEPARATION DISTANCE = 1 HR.

MAX. AREA OF EXTERIOR WALL OPENINGS: (TBL 705.8)
BLDG. WITH \geq 30' FIRE SEPARATION DISTANCE ALLOWED UNLIMITED PROTECTED AND UNPROTECTED OPENINGS

AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS: (SEC 903)
THIS BLDG. DOES REQUIRE NOT AN AUTOMATIC SPRINKLER SYSTEM.

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC 907)
THIS BLDG. SHALL BE NOT REQUIRED TO HAVE AN APPROVED FIRE PROTECTION SYSTEM IN ACCORDANCE WITH SEC 907.2.2.

CONSTRUCTION DOCUMENTS: (SEC 1603)
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.4
BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)
IMPORTANCE FACTOR: CATEGORY II BLDG., IE = 1.00, IS = 1.0, IW = 1.00 (TBL 1604.5)
EXPOSURE B
DESIGN WIND PRESSURE (ASCE 7-05 FIG. 6-2): 33.6 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-05 FIG. 6-5): \pm 0.18
LIVE LOADS: (SEC 1607)
OFFICE (TBL 1607.1): 50 PSF
ROOF LIVE LOAD (TBL 1607.1) = 20 PSF UNIFORM, 300 LB. CONCENTRATED
GROUND SNOW LOAD (FIG. 1608.2) = 5 PSF

NATIONAL FIRE PROTECTION ASSOCIATION 2009 SUMMARY

BUILDING AREA:
TOTAL BUILDING AREA = 6,000 SQ.FT.
AREA TO BE RENOVATED = 6,000 SQ.FT.

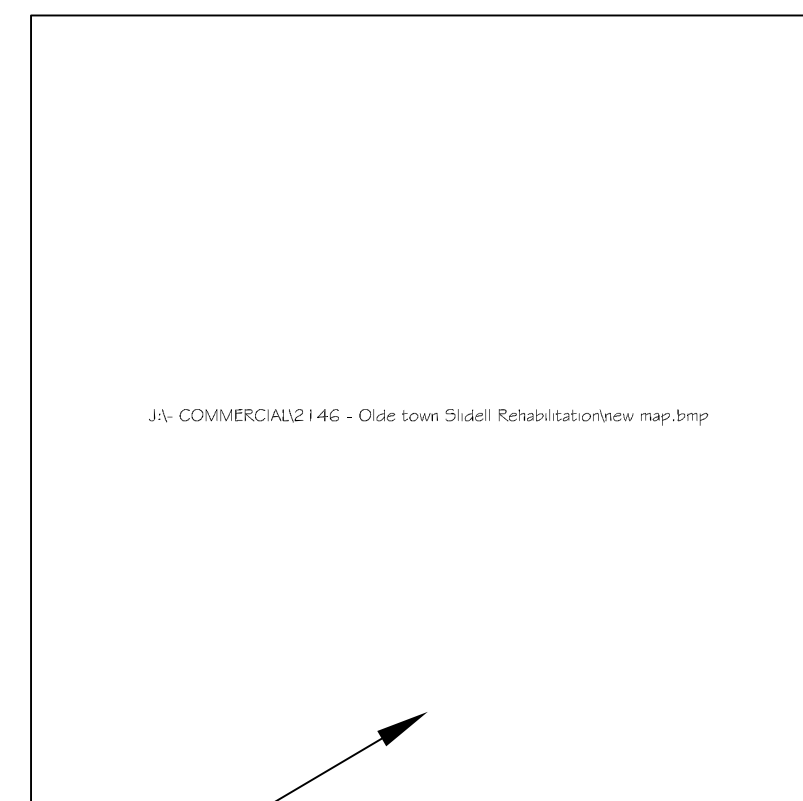
OCCUPANCY CLASSIFICATION:
EXISTING GROUP B (BUSINESS)

OCCUPANT LOAD: (TBL 7.3.1.2)
BUSINESS = 100 GROSS SQ.FT. / OCCUPANT = 6,000 / 100 = 60 OCCUPANTS

SPRINKLER SYSTEM: (SEC 39.2.5)
THIS BUILDING SHALL NOT BE REQUIRED TO HAVE AN AUTOMATIC SPRINKLER SYSTEM AT THIS TIME.

FIRE ALARM SYSTEM: (SEC 39.3.4.1)
A FIRE ALARM SYSTEM IS NOT REQUIRED.

EXIT ACCESS:
2 EXITS REQUIRED (SEC 39.2.4.1)
2 EXITS PROVIDED
ALLOWABLE EXIT ACCESS TRAVEL DISTANCE = 200' (SPRINKLED, SEC 39.2.6.2)
LONGEST EGRESS PATH IN AREA OF WORK = 50'



| INDEX OF DRAWINGS | | | |
|-------------------|------|---------------------|---------|
| SHT# | DWG# | DRAWING NAME | REVISED |
| 1 | | COVERSHEET | |
| 2 | D-1 | DEMOLITION PLAN | |
| 3 | S-1 | FOUNDATION PLAN | |
| 4 | A-1 | FLOOR PLAN | |
| 5 | A-2 | SECTION | |
| 6 | A-3 | BUILDING ELEVATIONS | |
| 7 | A-4 | SCHEDULE & DETAILS | |
| 8 | E-1 | ELECTRICAL PLAN | |
| 9 | P-1 | PLUMBING PLAN | |

OLDE TOWN SLIDELL
FIRE DAMAGED BUILDING REHABILITATION
 227 & 285 COUSIN STREET
 SLIDELL, LA

JOB No: 2200 DATE: 07/11/2012
 DRAWN BY: BSN CHECKED BY: BSN

CHIEF ENGINEER: EMMETT DAMMON, P.E.
 CHIEF ARCHITECT: ROBERT WILTSE
 554 OLD SPANISH TRAIL
 SLIDELL, LA 70458

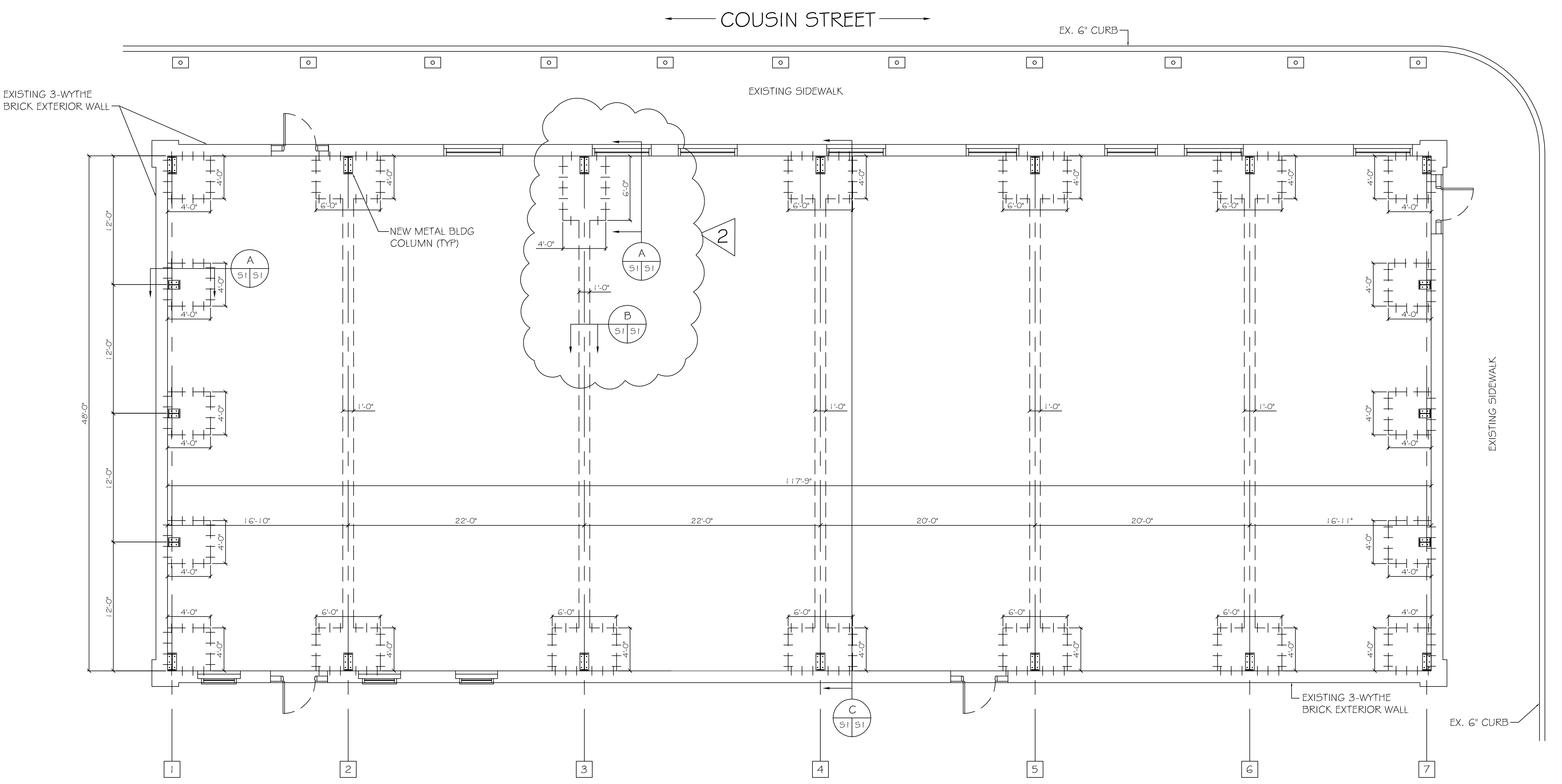
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 FAX: 905-641-5950

**OLDE TOWN SLIDELL
 FIRE DAMAGE REHABILITATION**
 227 & 286 COLEEN STREET
 SLIDELL, LA
 70458

| REVISIONS | DATE | DESCRIPTION |
|-----------|----------|--------------------|
| 1 | 06-03-15 | REVISED FOUNDATION |
| 2 | 06-04-15 | REVISED FOUNDATION |

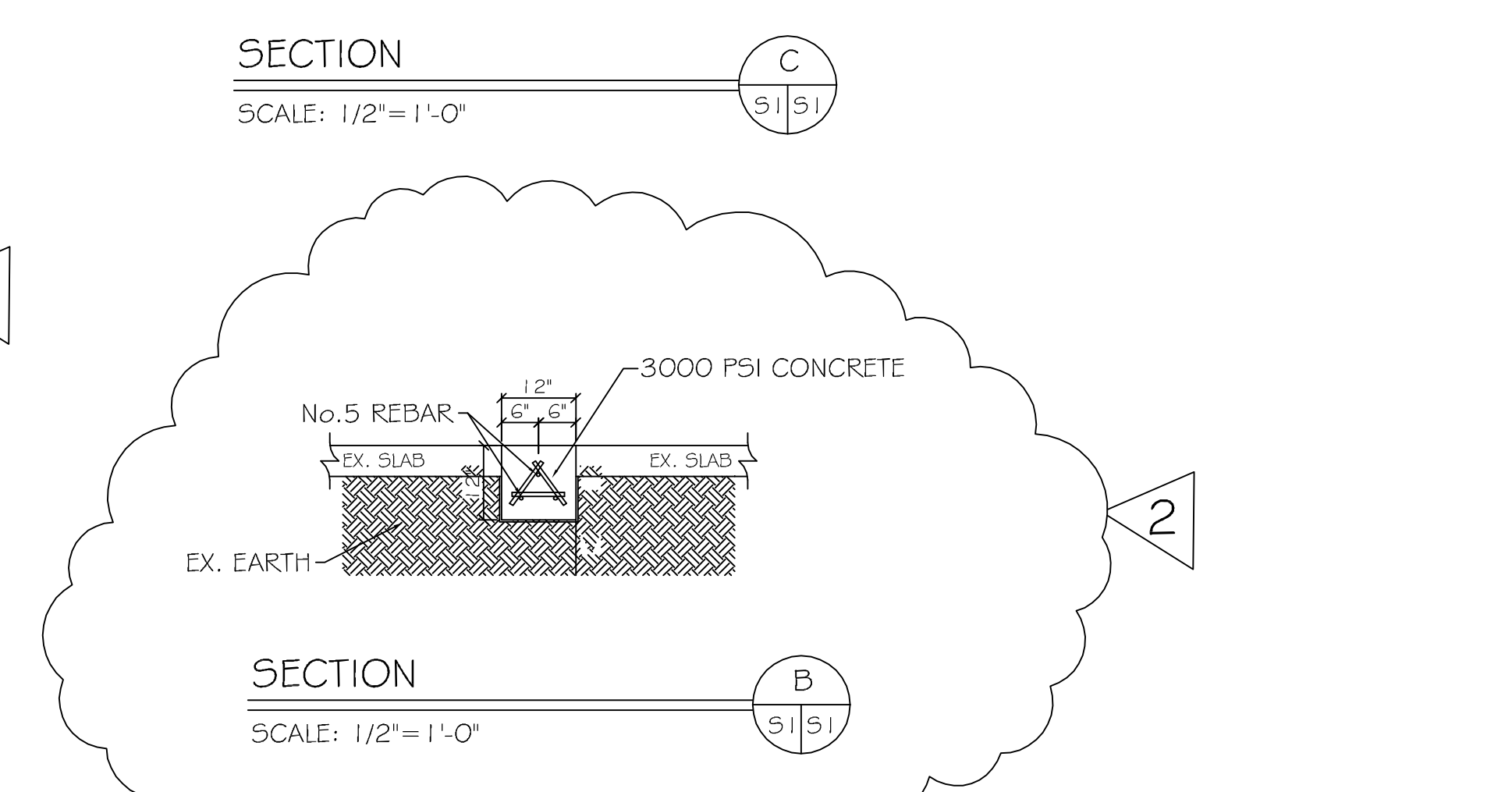
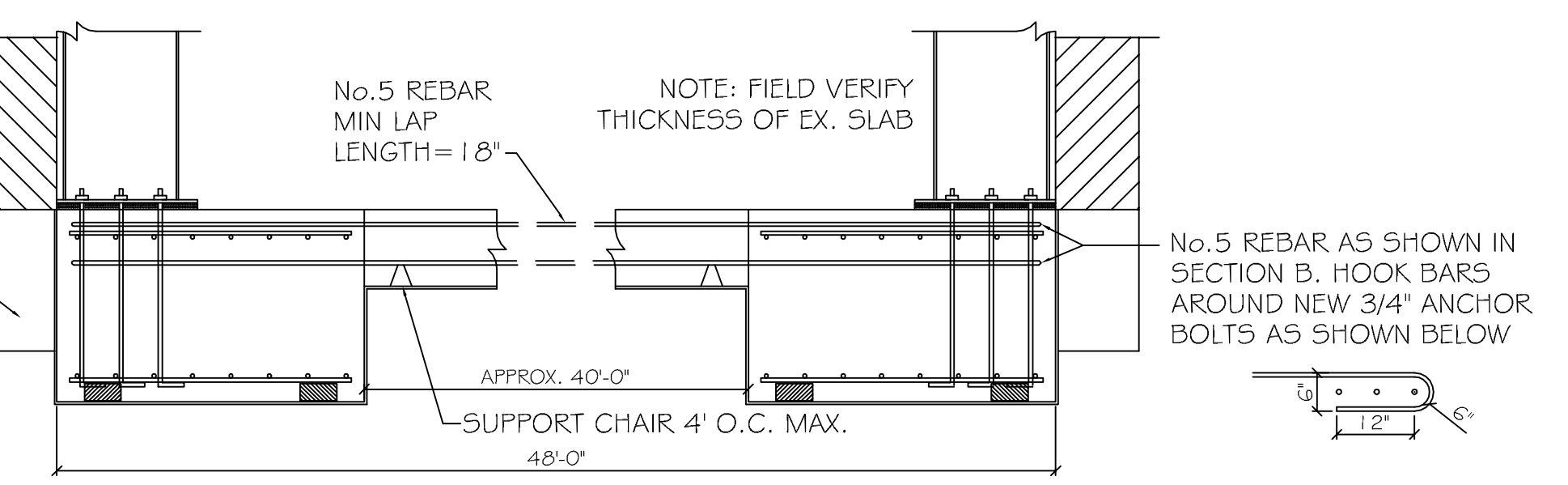
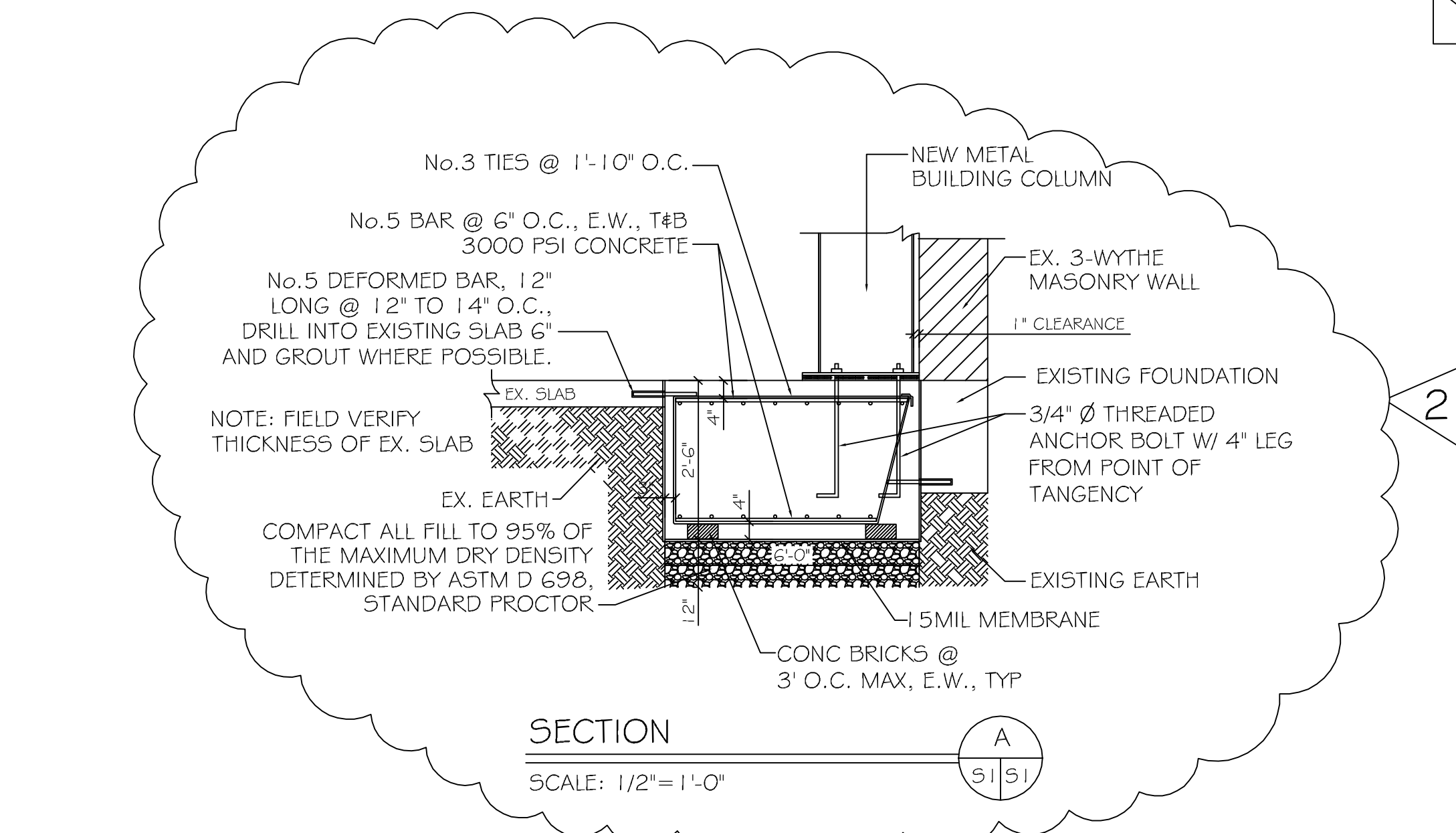
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|-----------|------|-------|------------|-------------|-----|
| JOB No: | 2146 | DATE: | 07-13-2012 | CHECKED BY: | BSN |
| DRAWN BY: | BSN | | | | |



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

FOUNDATION GENERAL NOTES:

- 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.
- 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.
- IT IS RECOMMENDED THAT A CURING COMPOUND BE USED TO CONTROL SHRINKAGE.
- 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. ELASTOMERIC ADHESIVE IS RECOMMENDED FOR CERAMIC FLOOR TILES. WHERE DECORATIVE CONCRETE IS USED, ADDITIONAL REINFORCEMENT WILL BE REQUIRED.
- WHERE REINFORCEMENT WITH REBAR IS USED IN FOOTINGS, IT SHALL CONFORM TO ASTM A615. WOVEN WIRE FABRICS SHALL CONFORM TO ASTM A185.
- TENDONS AND BARS SHALL BE SECURELY SUPPORTED TO BE PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING PLACING OF CONCRETE.
- CONCRETE SHALL BE WELL CONSOLIDATED.
- 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.
- 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.
- 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.
- COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS.
- 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.
- PROVIDE A SINGLE LAYER OF VAPOR BARRIER UNDER CONCRETE SLAB.
- FORMS TO BE STRIPPED NO LATER THAN 6 DAYS AFTER PLACEMENT OF CONCRETE.
- 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.



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

