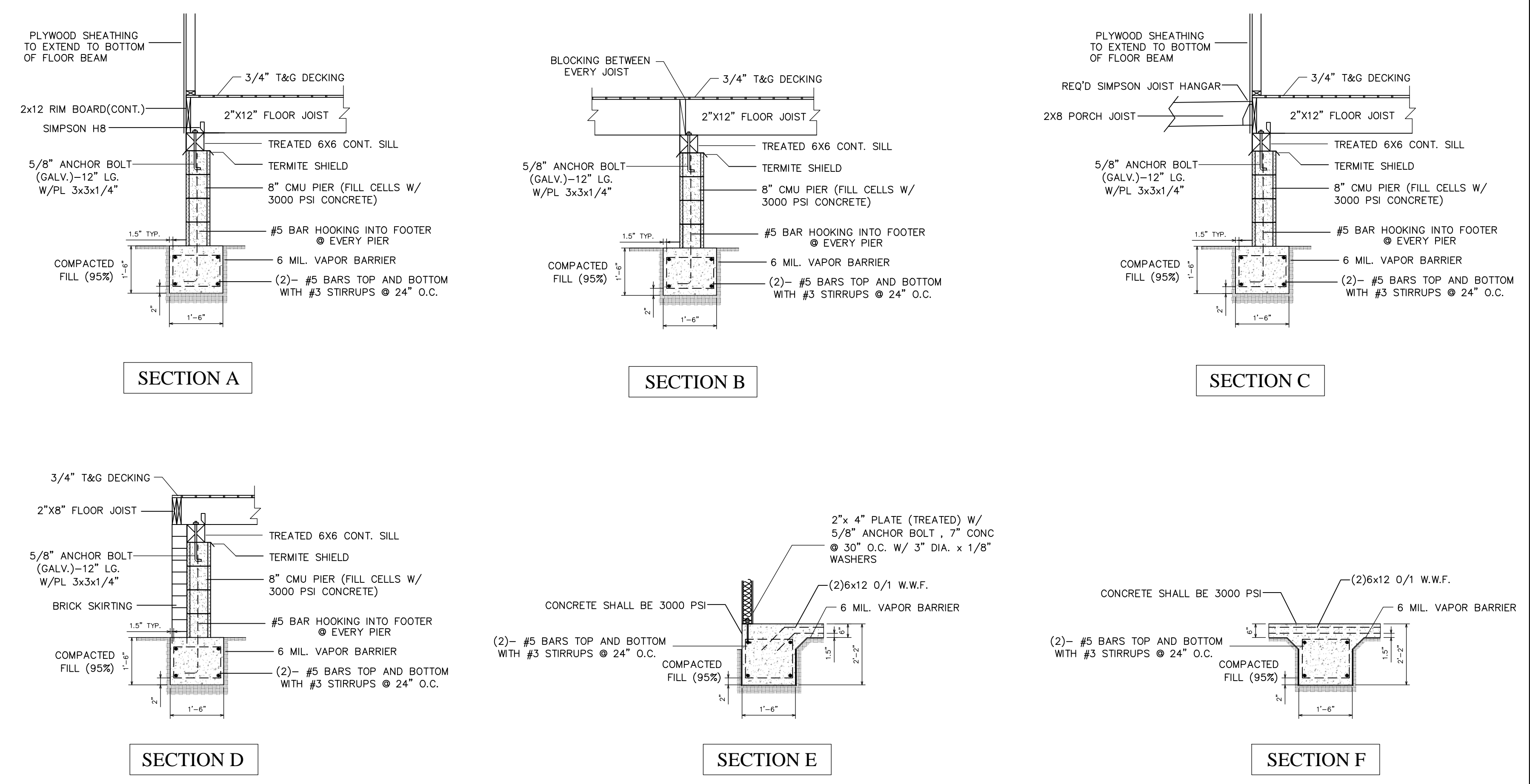


A1 MASONRY BLOCK PLAN
1/4" = 1'-0"



LOCATION
THIS PLAN IS TO BE USED ONLY FOR THE LOCATION: 697 HALEY AVE., 70458 ST. TAMMANY PARISH, LOUISIANA.

GENERAL CONSTRUCTION

1. FILL UNDER SLABS SHALL BE PLACED AND COMPACTED TO 95% MAXIMUM DRY DENSITY USING MODIFIED PROCTOR TEST AND ASTM D-1557.
2. BEAM DIMENSIONS SHOWN ARE REQUIRED AND MAY NOT BE REDUCED NOR ENLARGED WITHOUT THE APPROVAL OF THE ENGINEER.
3. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL OPENINGS, INSERTS AND ANY OTHER RELATED ITEMS.
4. ALTERATION OR DEVIATION FROM THE INFORMATION SHOWN ON THIS SHEET WITHOUT THE WRITTEN ADVANCE APPROVAL WILL VOID DESIGNERS RESPONSIBILITY.
5. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
6. ALL TREES WITHIN 15'-0" SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
7. NO FIELD SUPERVISION PROVIDED UNLESS OTHERWISE NOTED.
8. SOIL TO BE TERMITE TREATED PRIOR TO THE PLACEMENT OF CONCRETE. AFTER SOIL IS TERMITE TREATED, 6 MIL. VAPOR BARRIER TO BE PLACED OVER SOIL.

CONCRETE

9. LAPS, SPLICES, TIES, AND EMBEDMENT LENGTHS FOR REINFORCING STEEL SHALL BE IN ACCORDANCE WITH A. C. I. "MANUAL OF STANDARD PRACTICE, DETAILS, AND DETAILING OF CONCRETE REINFORCEMENT", A. C. I. 318.
10. ALL CONCRETE SHALL BE MONOTONICALLY PLACED SUCH THAT ALL CONCRETE IS POURED CONTINUOUSLY WITHOUT STOPPING TILL POUR IS COMPLETE. NO CONCRETE IS PLACED ATOP HARDENED CONCRETE. CONCRETE IS TO BE PLACED WITH NO COLD JOINTS OR FOUR LINES.
11. COMPRESSION EMBEDMENT LENGTH SHALL BE 30 BAR DIAMETERS UNLESS NOTED OTHERWISE.
12. CLEAR DISTANCE BETWEEN ADJACENT LAYERS OF REINFORCEMENT SHALL BE 2 INCHES MINIMUM UNLESS OTHERWISE INDICATED.
13. THE CONTRACTOR SHALL BE ALLOWED TO MAKE SPLICES IN ADDITION TO THOSE INDICATED ON THE DRAWINGS WHERE ESSENTIAL TO CONSTRUCTIBLE. SUBJECT TO ENGINEERS APPROVAL.
14. SUBJECT TO ENGINEERS APPROVAL, BARS MAY BE SHIFTED SLIGHTLY IN THE FIELD WHERE NECESSARY TO AVOID OPENINGS, PIPES EMBEDDED ITEMS, OR OTHER OBSTRUCTIONS.
15. HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A. C. I. 318.
16. PLACEMENT, CLEARANCES, AND MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE PROVIDED IN ACCORDANCE WITH A. C. I. 318.
17. SEE ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATIONS, SLOPES, RECESSES, LEDGES, AND STEPS.
18. ALL CONCRETE SHALL BE ASTM C94 A. C. I. 318. NORMAL WEIGHT, 3000 PSI AT 28 DAYS COMPRESSIVE STRENGTH.
19. BOTTOMS OF ALL EXCAVATIONS AND EARTHEN FORMS SHALL BE FLAT, LEVEL, TRUE TO GRADE LINE, AND COMPLETELY FREE OF LOOSE DIRT, DEBRIS, AND SLUSH DAMPEN EARTH AGAINST WHICH CONCRETE IS POURED JUST PRIOR TO THE POUR, BUT DO NOT POUR INTO TRENCHES WITH STANDING WATER.
20. ONE LAYER OF 6 MIL POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. THE JOINTS IN THE MEMBRANE SHALL BE LAPPED AND SEALED WITH AN ADHESIVE COMPATIBLE WITH THE WATERPROOFING MEMBRANE.
21. FORMS FOR EXPOSED FINISH CONCRETE: PLYWOOD, METAL, METAL-FRAMED PLYWOOD FACED, OR OTHER ACCEPTABLE PANEL-TYPE MATERIAL TO PROVIDE CONTINUOUS, STRAIGHT, SMOOTH EXPOSED SURFACES.
22. ALL REINFORCING STEEL SHALL BE GRADE 60 BAR CONFORMING TO THE LATEST EDITION OF ASTM.
23. 4" SLAB TYPICAL UNLESS NOTED OTHERWISE.

DESIGN

33. THE FOUNDATION SHOWN ON THIS DRAWING HAS BEEN DESIGNED USING ACCEPTABLE ENGINEERING PRACTICES AND IN ACCORDANCE WITH THE CRITERIA FOR THE SELECTION AND DESIGN OF COMMERCIAL PTI CLASS 4 TWO WAY SLAB. THE AMERICAN CONCRETE INSTITUTE'S BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AND THE PRE-STRESSED CONCRETE INSTITUTE'S TENTATIVE SPECIFICATIONS FOR THE POST-TENSIONED MATERIALS TO INSURE QUALITY.

DUE TO THE LACK OF SPECIFIC GEOTECHNICAL INFORMATION, THIS SLAB HAS BEEN DESIGNED USING ACCEPTABLE GEOTECHNICAL VALUES FOR THE EXISTING SOIL ON THE PROPERTY. THE DESIGNER IS NOT RESPONSIBLE FOR DIFFERENTIAL SETTLEMENT, SLAB CRACKING OR OTHER FUTURE DEFECTS RESULTING FROM UNREPORTED CONDITIONS MITIGATING THE ABOVE ASSUMPTIONS. PLEASE BE ADVISED THAT THESE PLANS HAVE BEEN DESIGNED BY A REGISTERED CIVIL ENGINEER IN THE STATE OF LOUISIANA, AND THE DESIGN SPECIFICATIONS COMPLY WITH ALL LOCAL REQUIREMENTS TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I AM NOT GENERALLY ADMINISTERING THE WORK.

MASONRY BLOCKS

1. ALL MASONRY BLOCKS SHALL BE DOUBLE HOLLOW, 8" X 16" WITH #3 BARS HOOKING INTO THE FOOTING BELOW. EACH CELL SHALL BE FILLED WITH 3000PSI CONCRETE.

FRAMING

2. ALL FRAMING LUMBER TO BE #2 SYPKD OR BETTER.
3. ALL LUMBER EXPOSED TO WEATHER TO BE NATURALLY DURABLE OR PRESSURE TREATED.
4. FOLLOW LOCAL BUILDING CODE FOR TERMITE AND DECAY PROTECTION.
5. DEPTH OF NOTCHES AT ENDS OF FLOOR JOISTS NOT TO EXCEED 1/4" DEPTH.
6. BRIDGING REQ'D BETWEEN FLOOR JOISTS EXCEEDING 8 FOOT SPAN.
7. DOUBLE FLOOR JOISTS REQ'D UNDER ALL LOAD BEARING WALLS.
8. FOLLOW LOCAL BUILDING CODE FOR DRAFT STOPPING AND FIRE STOPPING.
9. ALL ANCHOR STRAPS AND HANGERS TO BE GALVANIZED, INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
9. ALL REBAR REINFORCEMENT TO MEET ASTM-A615 (GRADE 60)
10. WHERE DISCREPANCY BETWEEN DRAWINGS AND BUILDING CODE: BUILDING CODE TAKES PRECEDENCE.
11. REFER TO TABLE 1705.1 OF STANDARD BUILDING CODE FOR FASTENING SCHEDULE.

Christal Dupuy
697 Haley Ave. - 70458
St. Tammany Parish, La

THESE PLANS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH THE INTERNATIONAL BUILDING CODE.

STAMP:

DATE: 3.6.2015

SHEET:

S.1