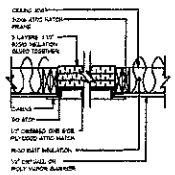
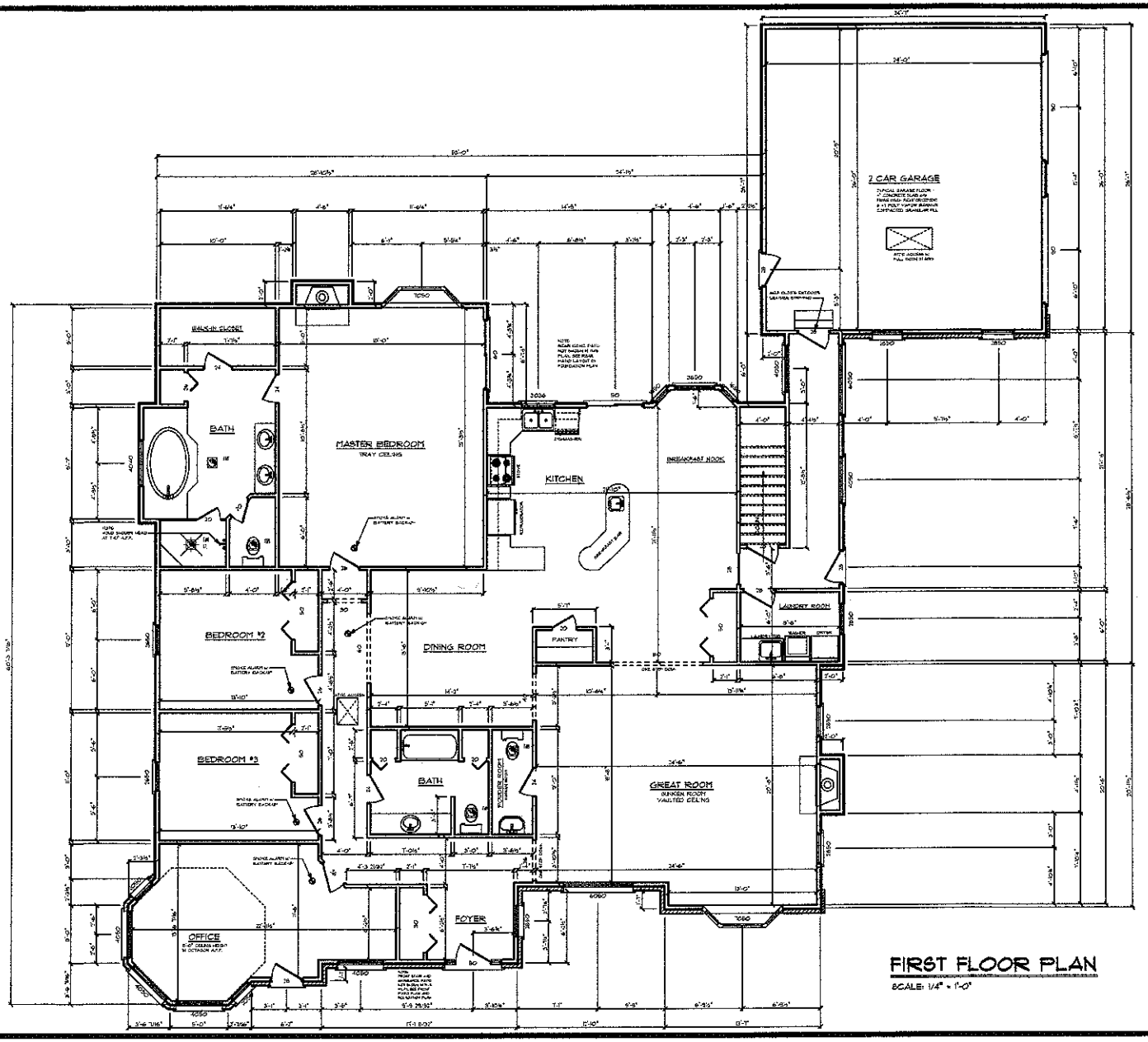
GENERAL NOTES:

1) ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318.
2) ALL REINFORCING IN CONCRETE WORK SHALL HAVE A MINIMUM OF 3" OF COVER.
3) ALL CONCRETE SHALL HAVE A MINIMUM OF 3,000 PSI COMPRESSIVE STRENGTH IN 28 DAYS.
4) REINFORCING SHALL CONFORM TO ASTM GRADE 60 AND BE RELATIVELY FREE OF OIL AND RUST SCALE.
5) ALL CONCRETE SHALL BE CURED WITH LIQUID MEMBRANE TYPE CURING COMPOUND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
6) ALL CONCRETE SHALL BE COMPACTED WITH HIGH FREQUENCY, INTERNAL MECHANICALLY VIBRATING EQUIPMENT SUPPLEMENTED AS NEEDED WITH HAND SPADING AND TAMPING.
7) WIRE MESH, UNLESS CALLED FOR, SHALL LAP ONE FULL MESH ON ALL SIDES AND ENDS AND BE ADEQUATELY TIED. CONTRACTORS MAY SUBSTITUTE FIBER ADDITIVES IN THE CONCRETE FOR WIRE MESH WITH APPROVAL.
8) ALL EXPOSED EDGES ON CONCRETE WORK SHALL BE CHAMFERED A MINIMUM OF 3/4".
9) REINFORCING STEEL SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.
10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT ALL REBAR IS TIED, PLACED AND ALIGNED PER APPLICABLE DRAWINGS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING ALL REQUIRED INSPECTIONS PRIOR TO POURING CONCRETE AND ENSURING ALL REBAR STAYS IN POSITION PER DRAWINGS DURING CONCRETE POURING AND PLACEMENT.
11) ALL CELLS SHALL BE FILLED IF REQUIRED ON THE DRAWINGS OR IN THE NOTES WITH COARSE GROUT (PEA-GRAVEL CONCRETE) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR MORTAR AND GROUT FOR REINFORCED MASONRY, ASTM C-146. GROUT USED SHALL HAVE A SLUMP OF NO MORE THAN 9" AND A 28 DAY COMPRESSIVE STRENGTH OF NO LESS THAN 2000 PSI. GROUT SHALL BE PLACED IN LIFTS NOT EXCEEDING 8'-0". REINFORCING SHALL BE TIED AT ALL SPLICES AND HAVE LAPS AS SPECIFIED FOR THE BAR SIZE IN ACI CODE.
12) FILLED CELLS SHALL HAVE A CLEAN EXTERIOR SURFACE WITH ALL FACE SHELLS GROUTED/SEALED TO PREVENT LEAKAGE OF GROUT DURING INSTALLATION AND CURING.
13) ALL REBAR INSTALLED IN CELLS SHALL BE LAPPED A MINIMUM OF 1' REGARDLESS OF BAR SIZE.
14) SPLICING OF FOOTING REINFORCING SHALL BE AT MID SPANS BETWEEN COLUMNS AND STAGGERED. MINIMUM BAR LAPS AT SPLICES SHALL BE 30 BAR DIAMETERS OR 1' WHICHEVER IS GREATER.
15) ALL CONCRETE MASONRY UNITS SHALL BE TYPE I, GRADE N UNITS LAID WITH PORTLAND CEMENT MORTAR (TYPE S) AND GROUT FILL.
16) ALL WOOD MEMBERS EXPOSED TO WEATHER OR CONNECTED TO MASONRY SHALL BE PRESSURE-TREATED OR TREATED WITH ANOTHER APPROVED PRESERVATIVE.
17) ALL JOIST HANGERS, METAL CONNECTORS, STRAPS, NAILS, BOLTS, NUTS, WASHERS OR OTHER METAL FASTENERS SHALL BE HOT DIPPED GALVANIZED OR ZINC-COATED.
18) GALVANIZED ANCHORS USED SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, OR SPECIFICALLY APPROVED EQUAL ON A CASE BASIS. IN AREAS EXPOSED TO THE LEATHER/ATMOSPHERE, ALL HANGERS AND TIES SHALL BE STAINLESS STEEL (SS). ALL STAINLESS STRAPPING AND ANCHORS SHALL BE ATTACHED WITH STAINLESS STEEL RING SHANK NAILS OR SOLID STAINLESS FASTENERS.
19) ALL NON-TREATED TIMBERS SUPPORTED BY MASONRY SHALL REST ON TREATED TIMBER BEARING PLATES.
20) ALIGNMENT PIPES SHALL NOT EXCEED 1/2" IN ANY BAY OR ANY 20'-0" LENGTH (MAXIMUM FOR ANY LENGTH IS 1").
21) THE EXPOSED SOIL SURFACE AFTER EXCAVATION SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM-D698 TO A DEPTH OF 8".
22) ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD BUILDING CODE (LATEST EDITION).
23) ALL DIMENSIONS SHOWN ARE TO BE VERIFIED WITH THE ARCHITECT'S PLANS PRIOR TO CONSTRUCTION TAKING PLACE. THE ARCHITECT'S PLANS GOVERN IN ALL CONFLICTS.
24) THE SPACINGS AND LAYOUT SHOWN FOR THE FOUNDATION ARE BASED ON ACHIEVANCE TO THE DESIGN REQUIREMENTS LISTED. CHANGES TO THE DESIGN REQUIREMENTS MAY AFFECT THE DESIGN OF THE FOUNDATION AND SHOULD BE CHECKED BY THE DESIGNER PRIOR TO CONSTRUCTION.



ATTIC HATCH



FIRST FLOOR PLAN

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

SOUTHERN SYSTEMS
RAIN DESIGN LEAD
M&M HOME DESIGN
PROFESSIONAL HOME DESIGNERS
3 BEDROOM/2 BATH - 1 STORY/BASEMENT - 1 CAR GARAGE - 1,800 SQ. FT.

SHEET A-2

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CONTRACTOR:

CONSTRUCTION SITE:
DEVELOPMENT
FOLKSTONE ROAD
MOORESVILLE, NC 28117
SUBLOT #

DRAWN BY: J. GENCHER
DATE: Dec. 9, 2002
REVISIONS:

HOME OWNER:
MR. & MRS BILL GREEN
106 TILLMAN DRIVE
MOORESVILLE, NC 28117
(704) 662-0109

FOUNDATION NOTES:

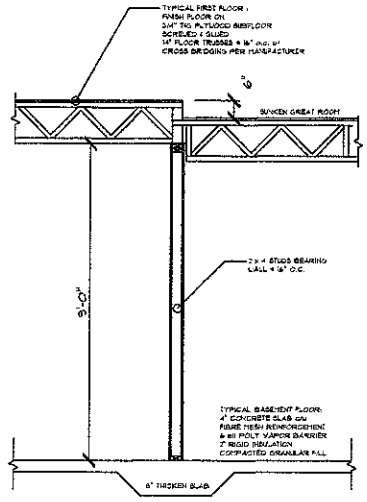
1) ALL FOOTERS ARE A MINIMUM OF 24" WIDE. FOOTERS SUPPORTING BRICK VENEER LOADS ARE A MINIMUM OF 28" WIDE.
2) ALL FOOTERS ARE A MINIMUM OF 8" DEEP (THICK)
3) THE FOUNDATION IS DESIGNED BASED ON A MINIMUM SOIL BEARING CAPACITY SHOWN IN THE LOAD TABLE. THIS CAPACITY IS BASED ON SOUNDINGS TAKEN IN THE VICINITY OF THE PROJECT. SOIL CONDITIONS CAN VARY WIDELY IN A SMALL GEOGRAPHIC AREA AND IT IS THE OWNER/CONTRACTOR'S RESPONSIBILITY TO VALIDATE THE DESIGN VALUES SHOWN BY CONSULTING WITH A GEOTECHNICAL ENGINEER. IF THE SOIL BEARING VALUES ARE LESS THAN THOSE SHOWN, NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY.

DESIGN CRITERIA FOR THIS PROJECT:

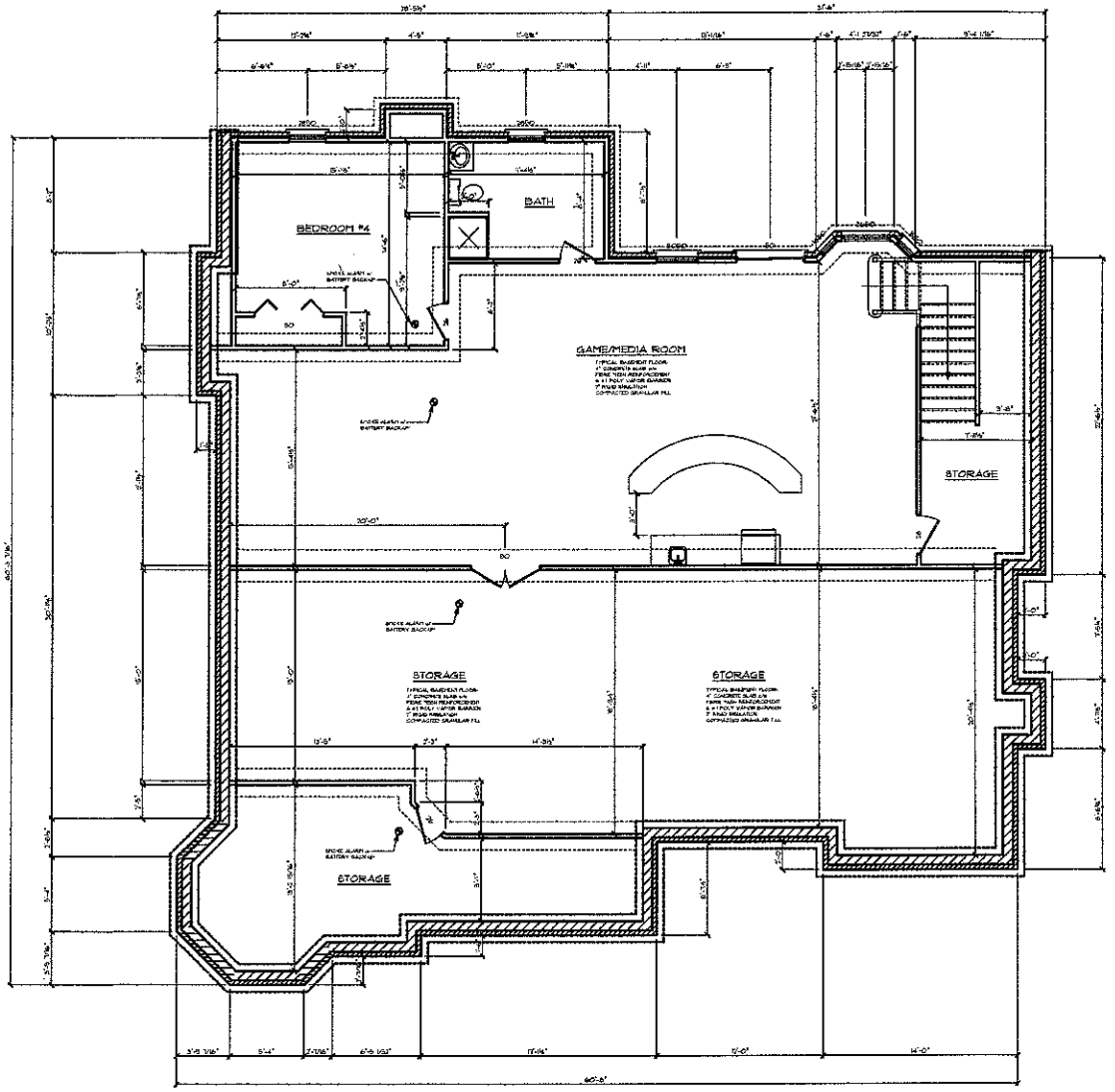
MIN. SOIL BEARING CAPA. 2,000 PSF

CONCRETE NOTES:

1. ALL FOUNDATION WALL AND FOOTING CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 2500psi AT 28 DAYS
2. ALL CONCRETE SLABS SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000psi AT 28 DAYS
3. BACKFILL SHALL NOT BE PLACED AGAINST BASEMENT WALLS UNTIL:
   a. CONCRETE OR MASONRY GROUT HAS REACHED ITS 28 DAY STRENGTH
   b. STRUCTURAL FLOOR FRAMING INCLUDING SUB-FLOORING REQUIRED TO STABILIZE WALLS IS COMPLETE AND FULLY NAILED AND ANCHORED.
4. APPLY STANDARD DRY LOCK PRODUCTS, INC. "THOROSEAL FOUNDATION COATING" OR EQUAL FOUNDATION COATING ON INTERIOR FACES OF WALLS BELOW GRADE



BEARING WALL DETAIL



BASEMENT PLAN

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

SHEET A-3

SOFTPLAN — IRON DEWEY LEAR — M&M HOME DESIGN — 106 TILLMAN DRIVE MOORESVILLE, NC 28117 (704) 662-0109

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FOLKSTONE ROAD
MOORESVILLE, NC 28117
SUBLOT #

HOME OWNER:
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106 TILLMAN DRIVE
MOORESVILLE, NC 28117
(704) 662-0109

DRAWN BY: J. GINCHUR
DATE: Dec. 9, 2002
REVISIONS: