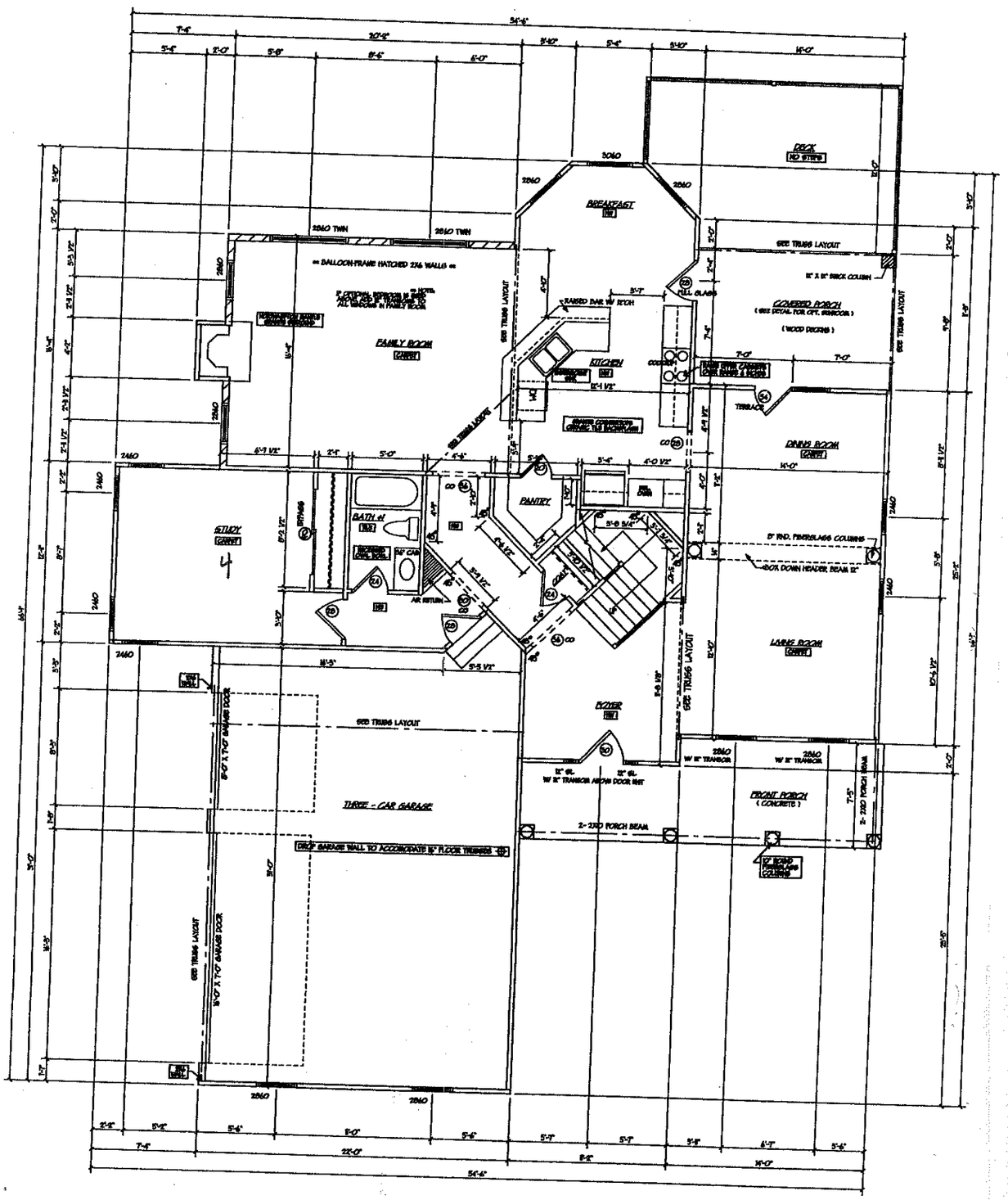
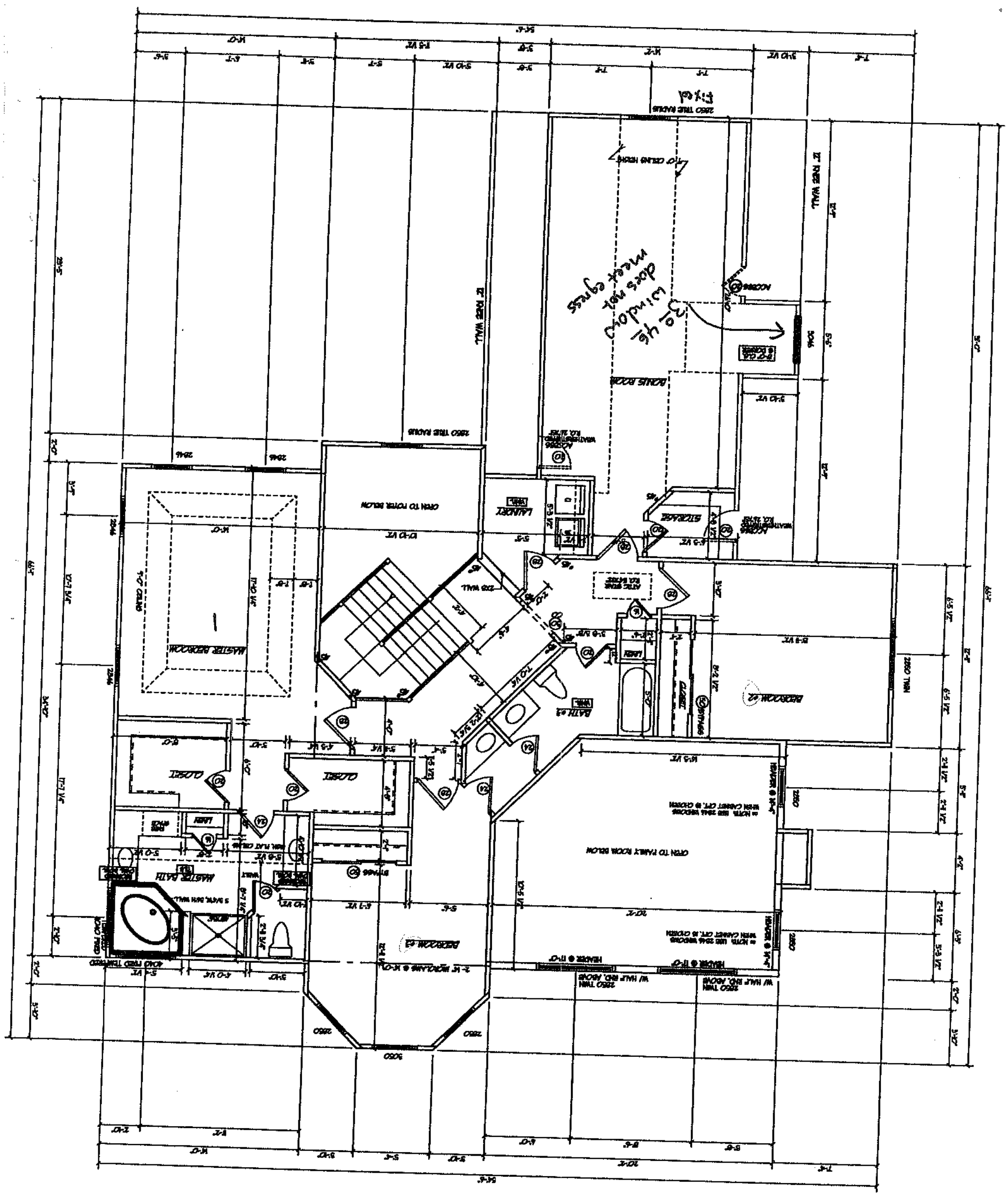
Acknowledgement Of
Plans Submittal ONLY!
_____ Date_____
_____ Date 3-9-05

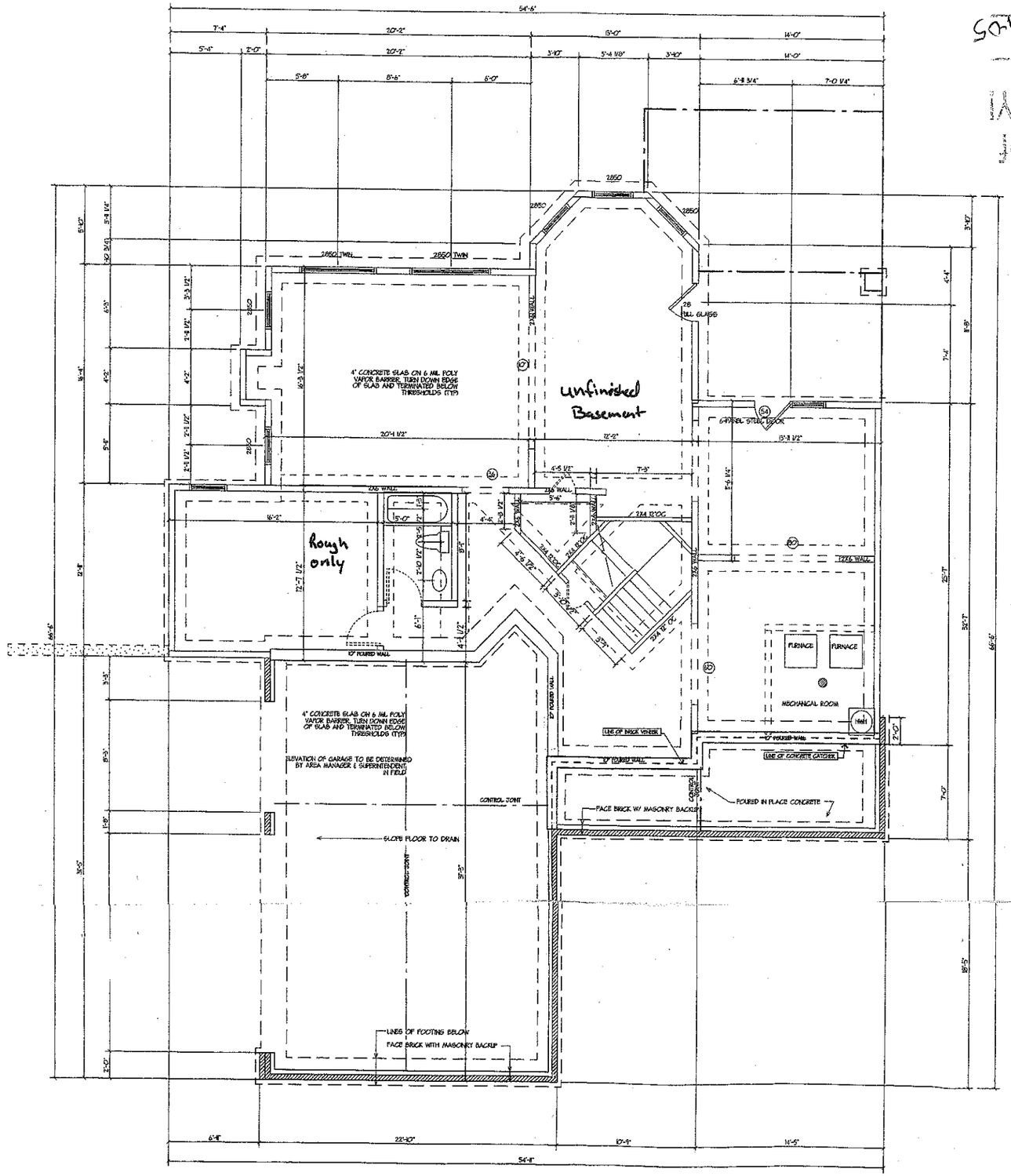




Acknowledgement Of
Plans/ Submittal ONLY!
[signature] Date 3-14-05
Pat Carpenter Date 3-9-05

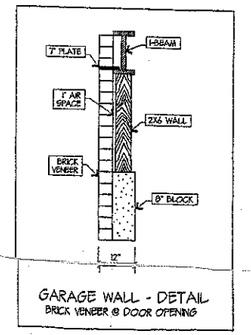
Acknowledgement of
plans Submittal ONLY!
Date

Date 3-9-05

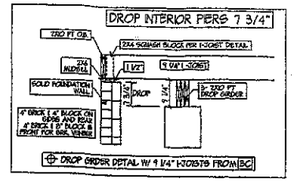


FOUNDATION NOTES:

1. ALL INTERIOR PIERS ARE 16" X 8" CMU CAPPED WITH 4" SOLID MASONRY ON ONE STORY STRUCTURES OR 8" ON 2- STORY STRUCTURES UP TO 32" HIGH. ALL PIERS OVER 32" HIGH MUST BE FILLED WITH TYPE 'S' MORTAR. MAXIMUM HEIGHT FOR 16" X 8" PIER IS 6'-0". PIERS LARGER THAN 16" X 8" ARE NOTED ON PIERS.
2. FOOTINGS FOR 16" X 8" PIERS ARE 3'-0" X 2'-0" X 10" UNLESS OTHERWISE NOTED.
3. DESIGN LOADS ARE ALL DEAD LOADS PLUS:
   (a) ROOF LIVE LOAD - 20LBS. PER s.f. OR AS REQUIRED BY CODE
   (b) MAIN FLOOR LIVE LOADS (KITCHEN FLOOR) - 40LBS. PER s.f.
   (c) ALL OTHER FLOORS - 30LBS. PER s.f.
   (d) BEARING FOR FOOTINGS ON ORIGINAL SOLID GROUND IS 2,000LBS. PER s.f. UNLESS OTHERWISE NOTED
   (e) WIND LOAD IS 90 MPH EQUIVALENT TO 17.5 PER s.f. OR AS REQUIRED BY CODE
   (f) EARTHQUAKE IS PER NORTH CAROLINA CODE.
   (g) WIND LOAD GOVERNS OVER EARTHQUAKE UNLESS OTHERWISE NOTED
   (h) SNOW LOAD IS PER CODE WHERE APPLICABLE.
   (i) ALL DESIGNS ARE IN ACCORDANCE WITH N.C. AND S.C. BUILDING CODES.
   (j) ATTIC CEILING UNDER ROOF SLOPES ≥ 3/12 20 LBS. PER s.f.
   ATTIC CEILING UNDER ROOF SLOPES < 3/12 10 LBS. PER s.f.
4. WAFFLE SLABS ARE SELF-SUPPORTING SLABS REINFORCED ACCORDING TO DETAILS AND DO NOT REQUIRE FIRM SOIL FOR SUPPORT, SO IT MUST ONLY BE CAPABLE OF SUPPORTING CONCRETE UNTIL IT HARDENS AND DEVELOPS STRENGTH.
5. CONCRETE SHALL BE 2,500 psi IN 28 DAYS UNLESS OTHERWISE NOTED.
6. ALL REBAR SPLICES SHALL BE A MINIMUM OF 2'-0" UNLESS OTHERWISE NOTED.
7. CAISSON FOUNDATION USE 12" MINIMUM DIAMETER DRILLED CONCRETE UNREINFORCED TO A DEPTH WITH A MINIMUM OF 2 FEET PENETRATION INTO GOOD ORIGINAL GRAND. DEPTH OF DRILLING IS LIMITED TO 15'-0". THEREFORE, NO POOR MATERIAL MORE THAN 15'-0" OF DEPTH IS SUITABLE FOR A CAISSON FOUNDATION. CAISSON CANNOT BE USED IF WATER RISES IMMEDIATELY INTO DRILLED HOLES. PILES WILL HAVE TO BE USED IN THE CASE.
8. 6" MINIMUM DIAMETER TREATED WOOD PILES WITH A MINIMUM DESIGN LOAD OF 6 TONS ARE USED FOR ALL FOUNDATIONS WITH UNSUITABLE SOIL DEEPER THAN 15'-0" OR WITH INSEEPING WATER IN DRILLED CAISSONS.
9. SIZES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.
10. CHIMNEY FOOTINGS ARE TO BE 12" LARGER THAN FOOTPRINT X 12" THICK.
11. WALLS BACKFILLED WITH DIRT SUPPORTING FRAMING ABOVE
    (a) FOR EARTH FILL UP TO 4'-0" MAXIMUM HEIGHT:
    USE 8" CMU OR 8" BRICK WITH BITHITHANE MEMBRANE WATERPROOFING ON EXTERIOR FOOTING 16" X 8" OR 24" X 8" AS NOTED ON PLANS
    (b) FOR EARTH FILL 4'-0" AND HIGHER UP TO A MAXIMUM OF 9'-0":
    USE 24" X 8" FOOTING WITH #4 @ 16" DOWELS MOUNTED IN FOOTING AND PROJECTING 18" ABOVE FOOTINGS. USE 12" CMU WALLS WITH #4 @ 16" VERTICAL BARS LOCATED 4" FROM NON DIRT FILL FACE, LAP ALL SPLICES 12" AND USE DUR-O-WALL HORIZONTAL REINFORCING EVERY 8" IN CMU JOINTS. FILL OPEN CELLS OF CMU WITH EITHER TYPE 'S' OR 'M' MORTAR OR FILL WITH 2,500 psi CONCRETE. INSTALL WATERPROOF BITHITHANE MEMBRANE OR EQUAL AND ERECT ALL FRAMING BEFORE BACKFILLING.
12. FOR RETAINING WALLS WITHOUT FRAMING SEE SPECIAL DESIGN ON DRAWING.
13. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS - WHETHER WOOD OR STEEL - CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL OT OR BETTER THAN THE POINT LOAD SUPPORT ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION



GARAGE WALL - DETAIL
BRICK VENEER @ DOOR OPENING



BLOCK DEVELOPMENT CORPORATION
220 ARGYLE AVENUE NW
(704) 789-4819 FAX (704) 784-3720

LOT #42 EDGEWATER PARK

REVISIONS

BASEMENT PLAN
(BRICK FRONT)

DATE: 02-16-05
PLAN # 2380
" THE WOLLINGTON "
DRAWN BY: BG
ESTIMATED BY: AK
CHECKED BY: MH