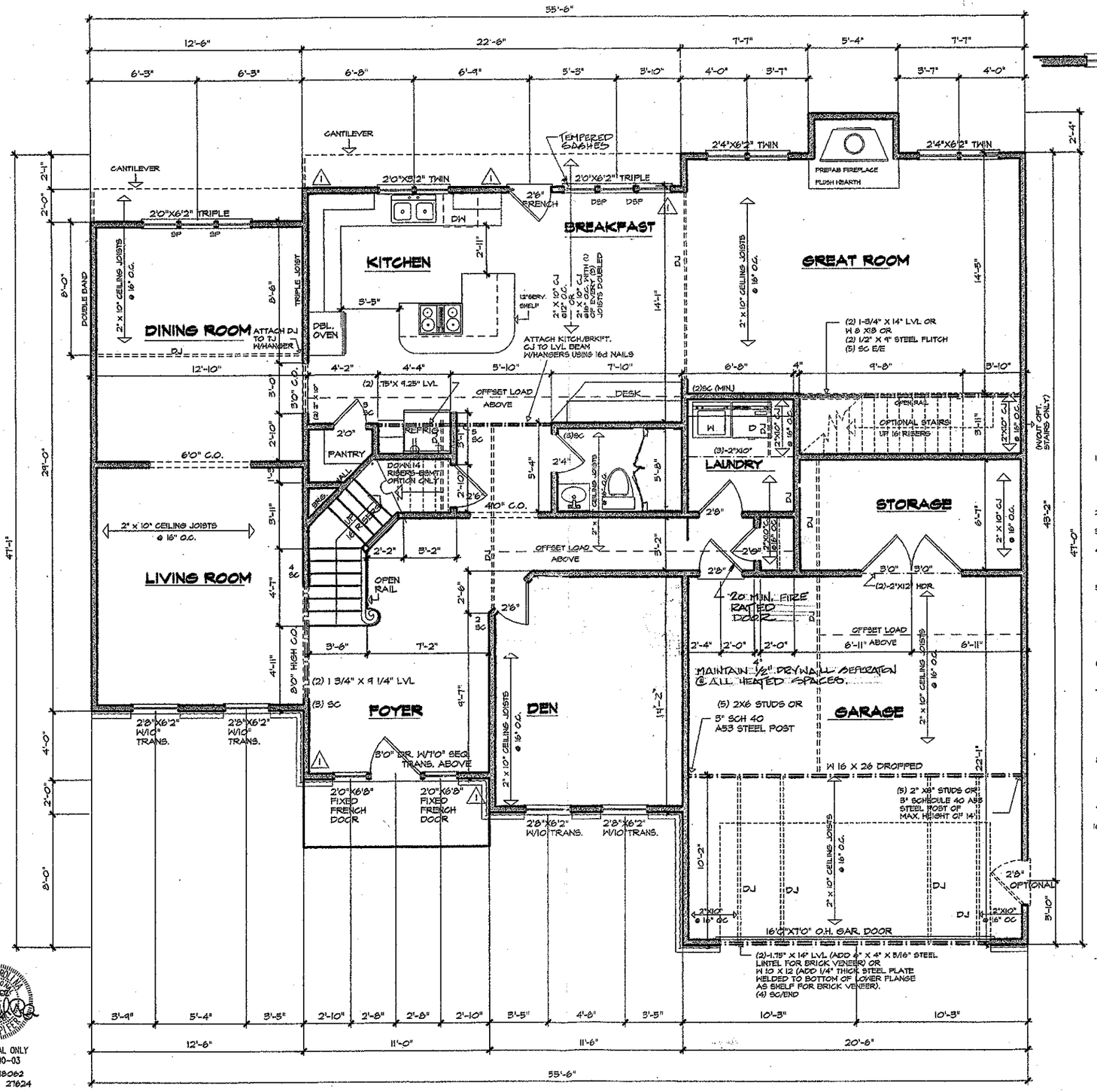
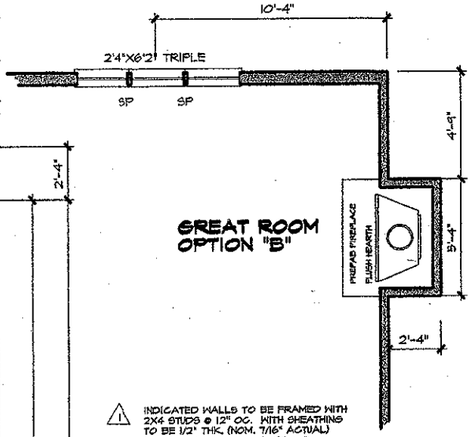




"The Pearson"
ELEVATION I & II

ST LAWRENCE HOMES

INDICATED WALLS TO BE FRAMED WITH 2X4 STUDS @ 12" OC. WITH SHEATHING TO BE 1/2" THK. (NOM. 7/16" ACTUAL) STRUCTURAL OSB OR PLYWOOD.

GENERAL ENGINEERING NOTES

1) CONSTRUCTION TO BE PER VOL. VII OF THE NC STATE BUILDING CODE, LATEST EDITION. THESE PLANS HAVE BEEN SEALED PER 1997 EDITION. LATER EDITIONS OF THE CODE SHALL SUPERCEDE THE 1997 EDITION PER THE EFFECTIVE DATE AS PRESCRIBED BY THE NC BUILDING CODE COUNCIL. ENGINEER NOT RESPONSIBLE FOR CHANGES IN CODE OR MANUFACTURER'S SPECIFICATIONS MADE AFTER SEAL DATE.
2) FRAMING LUMBER TO BE #2 S-P-F OR EQUAL UNLESS OTHERWISE NOTED (U.O.N.).
3) ALL LOAD BEARING EXTERIOR AND INTERIOR HEADERS TO BE (2) - 2" X 10" U.O.N.
4) ALL STEEL I-BEAM AND FLITCH PLATES TO BE PER ASTM A36 WITH STEEL POSTS TO BE PER ASTM A595. STEEL BOLTS TO BE PER ASTM A307. MINIMUM BEAM BEARING LENGTH FOR STEEL BEAMS TO BE 3-1/2" FULL WIDTH. MAXIMUM STEEL COLUMN HEIGHT TO BE 10' U.O.N.
5) ALL BEAM SUPPORT COLUMNS TO BE A MINIMUM OF TWO (2) - 2" X 4" STUDS OR AS SPECIFIED ON THE DRAWINGS AND TO BE CONTINUOUS DOWN TO THE FOUNDATION OR SUPPORT BEAM BELOW INCLUDING BLOCKING IN THE FLOOR/FOUNDATION AREA OVER GIRDERS AND IN THE SILL/BAND AREA. MINIMUM BEAM BEARING LENGTH TO BE 1-1/2" FULL WIDTH (FOR WOOD) WITH MAXIMUM STUD HEIGHT (FOR COLUMNS) TO BE 10' 0". BUILT UP COLUMNS TO BE NAILED TOGETHER WITH TWO (2) VERTICAL ROWS OF 16D NAILS @ 12" O.C. (STAGGERED) BETWEEN ALL ADJACENT MEMBERS.
6) ALL BEAM-TO-BEAM AND BEAM/JOIST-TO-JOIST CONNECTIONS TO BE WITH FACE MOUNT, FULL HEIGHT HANGERS (U.O.N.) WITH NO LEDGERS ALLOWED EXCEPT FOR SINGLE JOISTS CONNECTION.
7) DESIGN LOADS:
DWELLING UNITS - 10# DL; 40# LL
SLEEPING ROOMS & ATTICS
W/ FIXED STAIRS - 10# DL; 30# LL
ATTIC (STORAGE) - 10# DL; 20# LL
ATTIC (NO STORAGE) - 10# DL; 10# LL
RAFTERS - 10# DL; 20# LL
8) DESIGN VALUES FOR LAMINATED VENEER LUMBER TO BE:
FB = 2600 PSI
FV = 285 PSI
E = 1900000 PSI
WIND LOAD - 90 MPH
9) DIMENSIONAL AND CONSTRUCTION ERRORS ARE NOT THE RESPONSIBILITY OF THE ENGINEER.
10) ENGINEER'S SEAL OFFERED AS A LICENSE TO ORIGINAL PURCHASER OF PLANS ONLY. THESE NOTES APPLY TO ALL SHEETS OF THE DRAWING.

FIRST FLOOR PLAN "B" (1-STORY GREAT ROOM)

SCALE 1/4" = 1'-0"

SQUARE FOOTAGE			
STANDARD		W/BONUS ROOM "B"	
FIRST FLOOR	= 1602	FIRST FLOOR	= 1602
SECOND FLOOR	= 1542	SECOND FLOOR	= 1625
TOTAL	= 3144	TOTAL	= 3227
BONUS ROOM "A"	= 310	BONUS ROOM "B"	= 280
TOTAL W/BONUS	= 3454	TOTAL W/BONUS	= 3507
GARAGE	= 454	GARAGE	= 454
STORAGE	= 98	STORAGE	= 98

Acknowledgement Of Plans Submittal ONLY!
Date 6-25-04
Date 6-25-04

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 7239 JAMES S. PEARSON

STRUCTURAL ONLY
FILE #4500-03
PO BOX 48062
RALEIGH, NC 27624
(919) 876-5708

HAYNES & WELCH, INC.
RESIDENTIAL DESIGNERS
8320 FALLS OF NEUSE RD., SUITE 111 RALEIGH, NORTH CAROLINA 27615 919-847-6828

PURCHASER MUST VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE BEGINNING CONSTRUCTION.

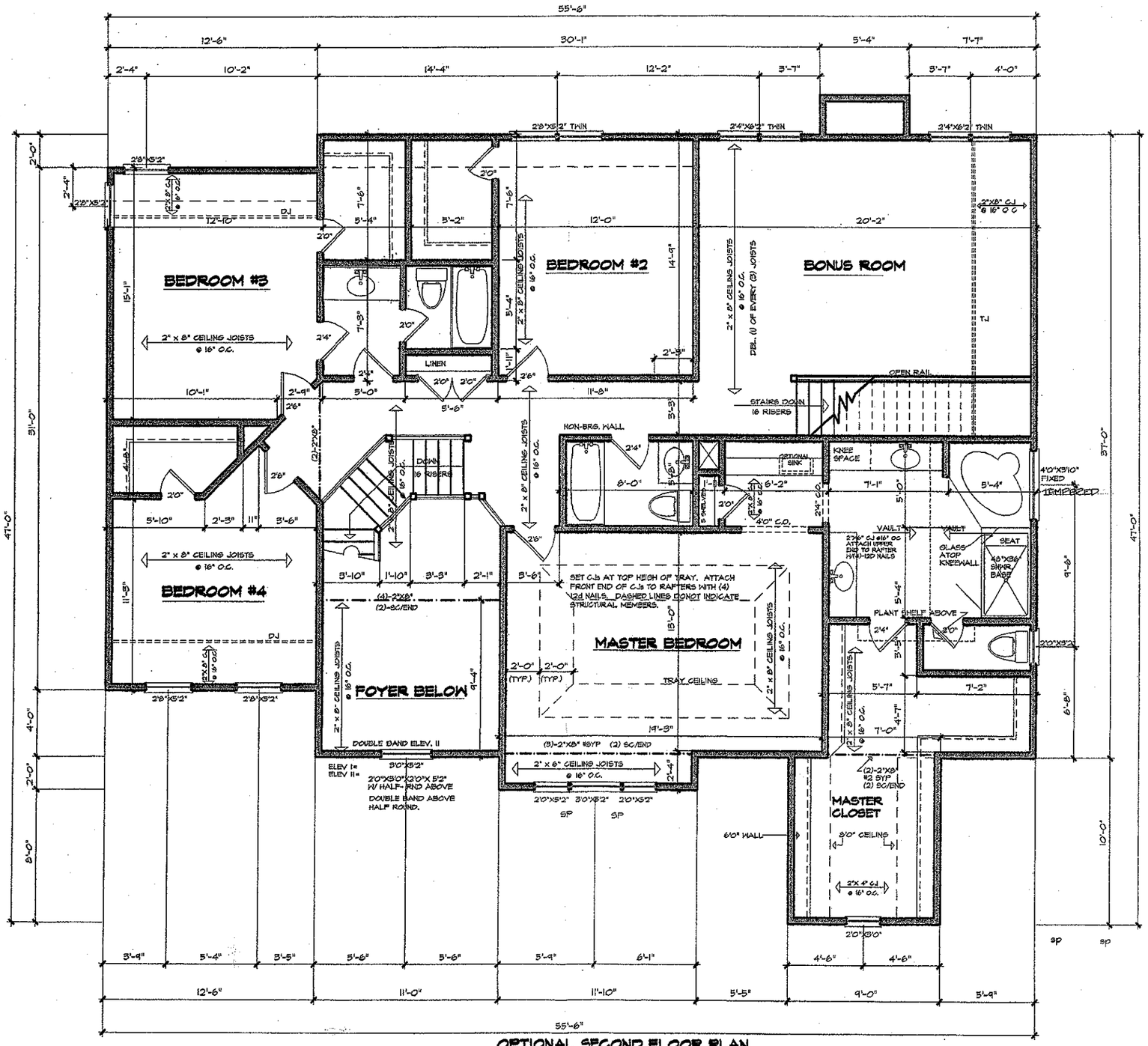
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DATE 02/26/02
960503



OPTIONAL SECOND FLOOR PLAN W/BONUS ROOM "A"

SCALE 1/4" = 1'-0"

*WITH OPTION ADD 310 SQUARE FEET.

Acknowledgement Of Plans Submittal ONLY!

Date 6-25-04

Date 6-25-04

"The Pearson"
ELEVATION I & II
BONUS ROOM OPTION "A"

ST LAWRENCE HOMES

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960503