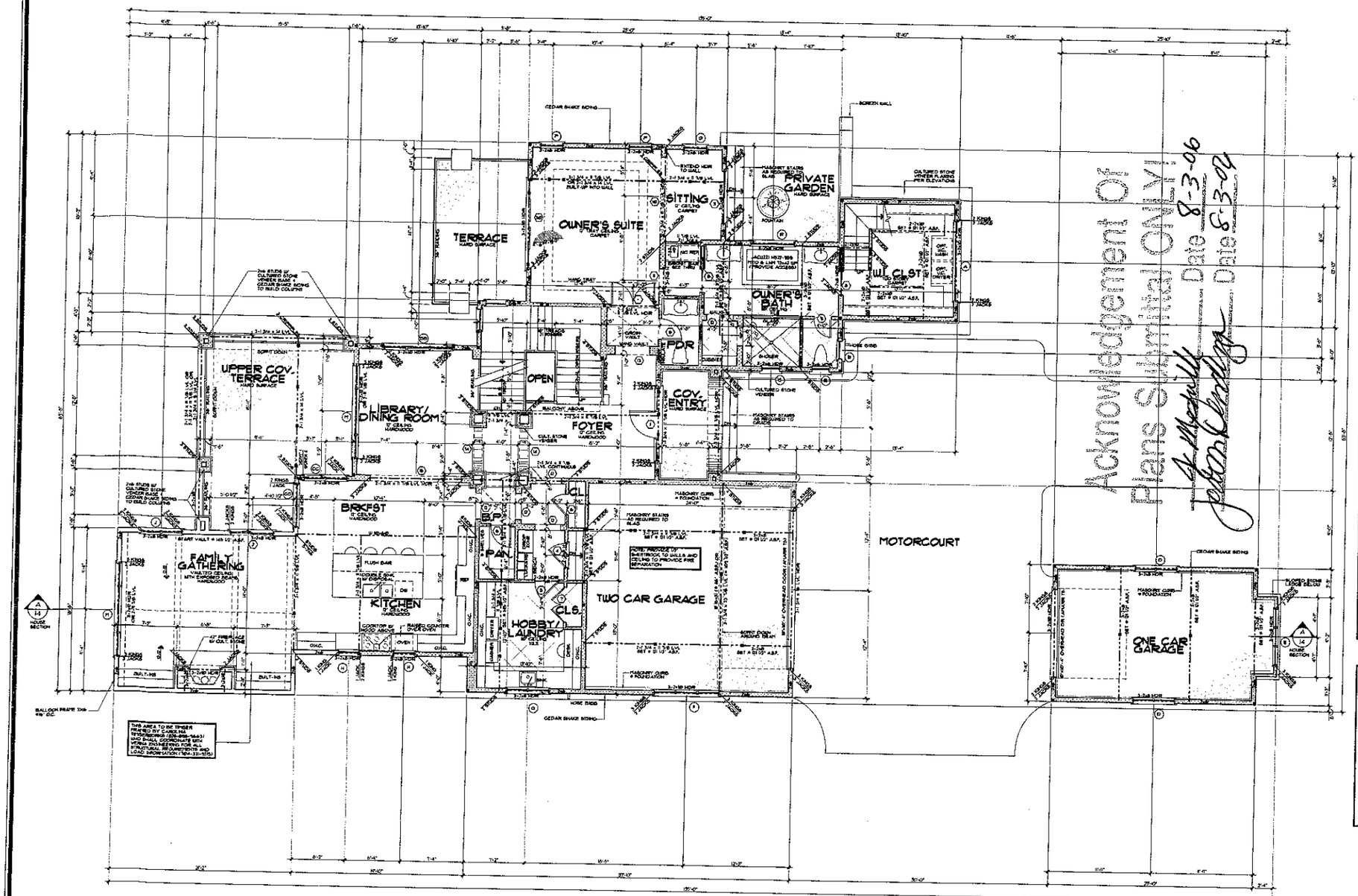



NOTES:

ALL ANGLED WALLS ARE 45 UNO.

*IF INDICATED BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING POINT LOADS (UNO).

SEE FRAMING NOTE 14 FOR HEADER SIZES UNLESS NOTED ON PLAN

ALL DOORS ARE 6" FROM WALL UNLESS DIMENSIONED OTHERWISE

| EXTERIOR WALL HEIGHT (h) | STUD SIZE / SPACING |
|---|---|
| h = 10' | 2x6 @ 16" OC |
| 10' < h ≤ 11' | 2x6 @ 12" OC |
| 11' < h ≤ 12' | 2x6 @ 8" OC |
| h > 12' | CONSULT ENG. |

GARAGE WALL TO BE 2x6 @ 16" O.C. IF EXCEEDING 10' in HEIGHT

DOOR SCHEDULE

| | SIZE | DESCRIPTION |
|---|---|---|
| 1 | 3'-0" x 8'-0" | ARCHED TOP 1/4 GLASS W/ SDL ARCHED TRANSL EACH SIDE |
| 2 | 2'-1 1/2" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |
| 3 | 2'-3 1/2" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |
| 4 | 3'-0" x 8'-0" | 30 MIN RME |
| 5 | 3'-0" x 8'-0" | SOLID PANEL |
| 6 | 2'-0" x 8'-0" | SOLID PANEL |
| 7 | 2'-2" x 8'-0" | SOLID PANEL |
| 8 | 2'-6" x 8'-0" | SOLID PANEL POCKET |
| 9 | 2'-8" x 8'-0" | SOLID PANEL |
| 10 | 8'-0" x 8'-0" | CASED OPENING |
| 11 | 2'-0" x 8'-0" | CASED OPENING |
| 12 | 3'-0" x 8'-0" | CASED OPENING |
| 13 | 4'-0" x 8'-0" | CASED OPENING |
| 14 | 3'-0" x 10'-0" | ARCHED OPENING |
| 15 | 10'-0" x 8'-0" | CASED OPENING |
| 16 | 2'-0" x 8'-0" | SOLID PANEL |
| 17 | | TEMPERED GLASS SHOWER |
| 18 | 2'-8" x 8'-0" | SOLID PANEL |
| 19 | 2'-6" x 8'-0" | SOLID PANEL POCKET |
| 20 | 2'-0" x 8'-0" | SOLID PANEL |
| 21 | 8'-0" x 8'-0" | CASED OPENING |
| 22 | 8'-0" x 8'-0" | CASED OPENING |
| 23 | 4'-0" x 8'-0" | FRENCH SLIDERS |
| 24 | 2'-6" x 8'-0" | SOLID PANEL |
| 25 | 2'-8" x 8'-0" | SOLID PANEL |
| 26 | 2'-1" x 8'-0" | FRENCH SLIDER |
| 27 | 2'-1" x 8'-0" | SOLID PANEL |
| 28 | 2'-1" x 8'-0" | FRENCH |
| 29 | 2'-6" x 8'-0" | CASED OPENING |
| 30 | 4'-3" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |

WINDOW SCHEDULE

| UN | SIZE | DESCRIPTION |
|---|---|---|
| A | 5'-0" x 2'-0" | ARCHED TOP TRAPEZ W/ FALSE MULL |
| B | 3'-0" x 3'-3" | CASEMENT |
| C | 2'-0" x 7'-0" | FIXED (TEMPERED) |
| D | 2'-3" x 6'-0" | COTTAGE DOUBLE HUNG |
| E | 3'-0" x 7'-0" | COTTAGE DOUBLE HUNG |
| F | 3'-3" x 6'-0" | COTTAGE DOUBLE HUNG |
| G | 3'-3" x 4'-0" | COTTAGE DOUBLE HUNG |
| H | 2'-0" x 4'-0" | CASEMENT |
| I | 2'-3" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| K | 2'-3" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| L | 2'-3" x 6'-0" | CASEMENT |
| M | 9'-0" x 8'-0" | FIXED W/ 7'-0" CENT EACH SIDE W/ 16" TRANSOM ABOVE |
| N | 2'-0" x 6'-0" | FIXED W/ 28" TRANSOM (TEMP) |
| O | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| P | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| R | 3'-0" x 3'-0" | PICTURE (TEMPERED) |
| S | 2'-0" x 3'-0" | CASEMENT |
| T | 2'-0" x 4'-0" | CASEMENT |
| U | 2'-3" x 5'-0" | COTTAGE DOUBLE HUNG |
| V | 3'-3" x 5'-0" | COTTAGE DOUBLE HUNG |
| W | 9'-0" x 1'-5" | FIXED (TEMPERED) |
| X | 2'-0" x 4'-0" | CASEMENT |
| Y | 5'-0" x 5'-0" | FIXED W/ CENT EACH SIDE |
| Z | 2'-0" x 6'-0" | CASEMENT |
| AA | 2'-0" x 6'-0" | CASEMENT |
| BB | 3'-0" x 6'-0" | CASEMENT |
| CC | 2'-7" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| DD | 3'-7" x 6'-0" | CASEMENT W/ 16" TRANSOM |

Square Footage
07/25/06 JJB/JPH

| | |
|---|---|
| Main Level Heated | 3630 SqFt. |
| Upper Level Heated | 1321 SqFt. |
| Lower Level Heated | 1680 SqFt. |
| Total Heated | 5951 SqFt. |
| Two Car Garage | 601 SqFt. |
| One Car Garage | 305 SqFt. |
| Covered Entry | 91 SqFt. |
| Upper Cov. Terrace | 369 SqFt. |
| Future Bonus | 328 SqFt. |
| Storage | 1076 SqFt. |
| Cov. Terrace | 162 SqFt. |
| Lower Cov. Terrace | 369 SqFt. |
| Total Under Roof | 5840 SqFt. |
| Exposed Terrace | 164 SqFt. |

CAROLINA DESIGN GROUP
a residential design firm
10602 Bailey Road Suite A, Cornelius NC 28031
voice: 704.895.7805 fax: 704.895.0599
www.carolinadesigngroup.com

Lot 7
BEECH TREE COVE

A New Residence By
GRAINDA BUILDERS

SEAL

Vance Engineering, P.C.
428 E. 4th St., Suite 300
Charlotte, NC 28202

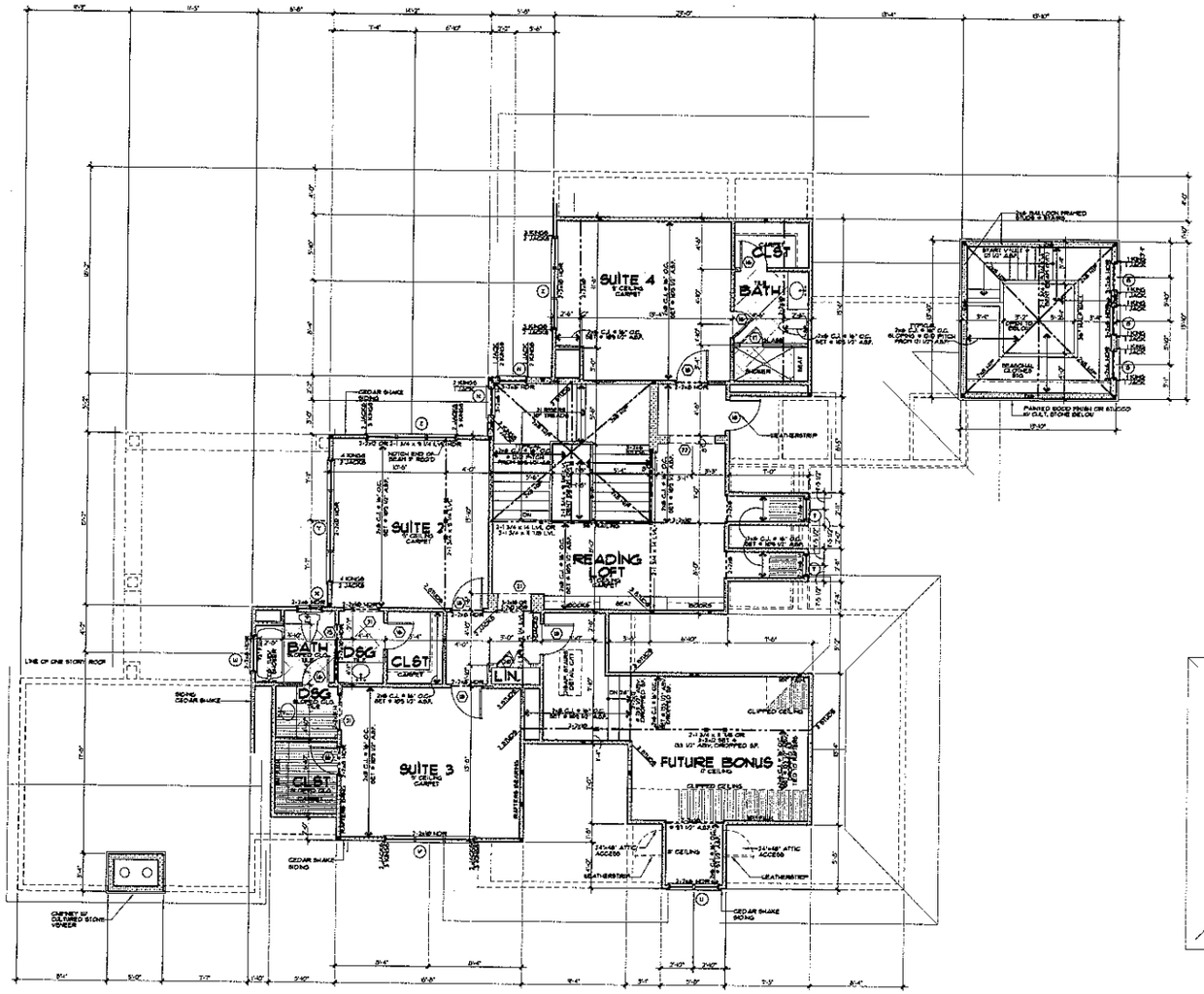
DRAWN BY: JJB/JPH
DATE: 07-25-06
CHECKED BY: C.J.T.
JOB NUMBER: GRAI-701-06

DRAWING TITLE:
MAIN LEVEL FLOOR PLAN

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

SHEET NO:
6
OF 20 SHEETS

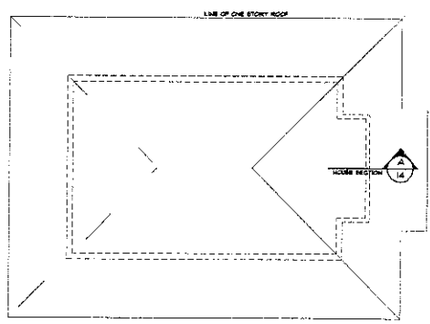
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Acknowledgement of Plans Submitted ONLY

Date 8-3-06

Date 8-3-06




NOTES:

- WALL BRACED WALLS ARE 4ft LONG.
- * IS INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING POINT LOADS (UNO).
- SEE FRAMING NOTE 3e FOR HEADER SIZES UNLESS NOTED ON PLAN.
- ALL DOORS ARE 6'-7INCH WALL UNLESS DIMENSIONED OTHERWISE
- *WEATHERSTRIP ALL DOORS INTO ATTIC SPACE

| EXTERIOR WALL HEIGHT (h) | STUD SIZE / SPACING |
|---|---|
| h ≤ 10' | 2x4 @ 16" oc |
| 10' < h ≤ 8' | 2x4 @ 12" oc |
| 8' < h ≤ 12' | 2x6 @ 16" oc |
| h > 12' | CONSULT ENG. |

GARAGE WALL TO BE 2x6 @ 16" OC. IF EXCEEDING 10' IN HEIGHT

DOOR SCHEDULE

| | SIZE | DESCRIPTION |
|---|---|---|
| 1 | 3'-0" x 8'-0" | ARCHED TOP 3/4 GLASS W/ 24" SIDE ARCHED TRANS, EACH SIDE |
| 2 | 2'-10" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |
| 3 | 2'-10" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |
| 4 | 2'-0" x 8'-0" | 20 MIN RME |
| a | 2'-0" x 8'-0" | SOLID PANEL |
| b | 2'-0" x 8'-0" | SOLID PANEL |
| c | 2'-0" x 8'-0" | SOLID PANEL |
| d | 2'-6" x 8'-0" | SOLID PANEL, POCKET |
| e | 2'-0" x 8'-0" | SOLID PANEL |
| f | 5'-0" x 8'-0" | CASED OPENING |
| g | 3'-0" x 8'-0" | CASED OPENING |
| 12 | 3'-0" x 8'-0" | CASED OPENING |
| 13 | 4'-0" x 8'-0" | CASED OPENING |
| 14 | 5'-0" x 9'-0" | ARCHED OPENING |
| 15 | 10'-0" x 8'-0" | CASED OPENING |
| 16 | 2'-0" x 8'-0" | SOLID PANEL |
| 17 | 2'-0" | TEMPERED GLASS SHOWER |
| 18 | 2'-0" x 6'-8" | SOLID PANEL |
| 19 | 2'-0" x 6'-8" | SOLID PANEL, POCKET |
| 20 | 2'-1" x 6'-8" | SOLID PANEL |
| 21 | 3'-0" x 6'-8" | CASED OPENING |
| 22 | 2'-6" x 6'-8" | CASED OPENING |
| 23 | 4'-2" x 6'-8" | FRENCH SLIDERS |
| 24 | 2'-0" x 8'-0" | SOLID PANEL |
| 25 | 2'-0" x 8'-0" | SOLID PANEL |
| 26 | 2'-2" x 8'-0" | FRENCH SLIDER |
| 27 | 2'-1" x 6'-8" | SOLID PANEL |
| 28 | 2'-0" x 6'-8" | FRENCH |
| 29 | 4'-0" x 6'-8" | CASED OPENING |
| 30 | 4'-2" x 8'-0" | FRENCH SLIDER W/ 16" TRANSOM |

WINDOW SCHEDULE

| | SIZE | DESCRIPTION |
|---|---|---|
| A | 9'-0" x 3'-0" | ARCHED TOP TRANSOM W/ PALSE MULL |
| B | 3'-0" x 2'-0" | CASEMENT |
| C | 2'-0" x 2'-0" | FIXED (TEMPERED) |
| D | 2'-2 1/2" x 6'-0" | COTTAGE DOUBLE HUNG |
| E | 3'-2 1/2" x 5'-0" | COTTAGE DOUBLE HUNG |
| F | 3'-2 1/2" x 6'-0" | COTTAGE DOUBLE HUNG |
| G | 3'-2 1/2" x 4'-0" | COTTAGE DOUBLE HUNG |
| H | 2'-0" x 4'-0" | CASEMENT |
| J | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| K | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| L | 2'-0" x 6'-0" | CASEMENT |
| M | 2'-0" x 6'-0" | FIXED W/ 2nd CASMT EACH SIDE W/ 16" TRANSOM ABOVE |
| N | 2'-0" x 6'-0" | FIXED W/ 28" TRANSOM (TEMP) |
| P | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| Q | 2'-0" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| R | 6'-0" x 3'-0" | PICTURE (TEMPERED) |
| S | 2'-0" x 3'-0" | CASEMENT |
| T | 1'-6" x 4'-0" | COTTAGE DOUBLE HUNG |
| U | 3'-2 1/2" x 5'-0" | COTTAGE DOUBLE HUNG |
| V | 3'-2 1/2" x 6'-0" | CASEMENT |
| W | 2'-0" x 1'-0" | FIXED (TEMPERED) |
| X | 2'-0" x 6'-0" | CASEMENT |
| Y | 5'-0" x 3'-0" | FIXED W/ CSMNT EACH SIDE |
| Z | 3'-2 1/2" x 5'-0" | CASEMENT |
| AA | 2'-0" x 6'-0" | CASEMENT |
| BB | 3'-2 1/2" x 6'-0" | CASEMENT |
| CC | 3'-2" x 6'-0" | CASEMENT W/ 16" TRANSOM |
| DD | 3'-2" x 6'-0" | CASEMENT W/ 16" TRANSOM |

Square Footage

01/23/06 JJB/JFH

| | |
|---|---|
| Main Level Heated | 2,650 SqFt. |
| Upper Level Heated | 1,321 SqFt. |
| Lower Level Heated | 1,680 SqFt. |
| Total Heated | 5,651 SqFt. |
| Two Car Garage | 601 SqFt. |
| One Car Garage | 315 SqFt. |
| Covered Entry | 91 SqFt. |
| Upper Cov. Terrace | 369 SqFt. |
| Future Bonus | 328 SqFt. |
| Storage | 1,016 SqFt. |
| Cov. Terrace | 160 SqFt. |
| Lower Cov. Terrace | 369 SqFt. |
| Total Under Roof | 9,240 SqFt. |
| Exposed Terrace | 164 SqFt. |

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CAROLINA DESIGN GROUP
a residential design firm
10692 Bailey Road Suite A, Cornelius NC 28031
voice: 704.895.7805 fax: 704.895.0599
www.carolinadesigngroup.com

Lot 7
BEECH TREE COVE

A New Residence By
GRAINDA BUILDERS

SEAL

Verne Engineering, P.C.
439 S. Main St., Suite 200
Cleveland, NC 27013

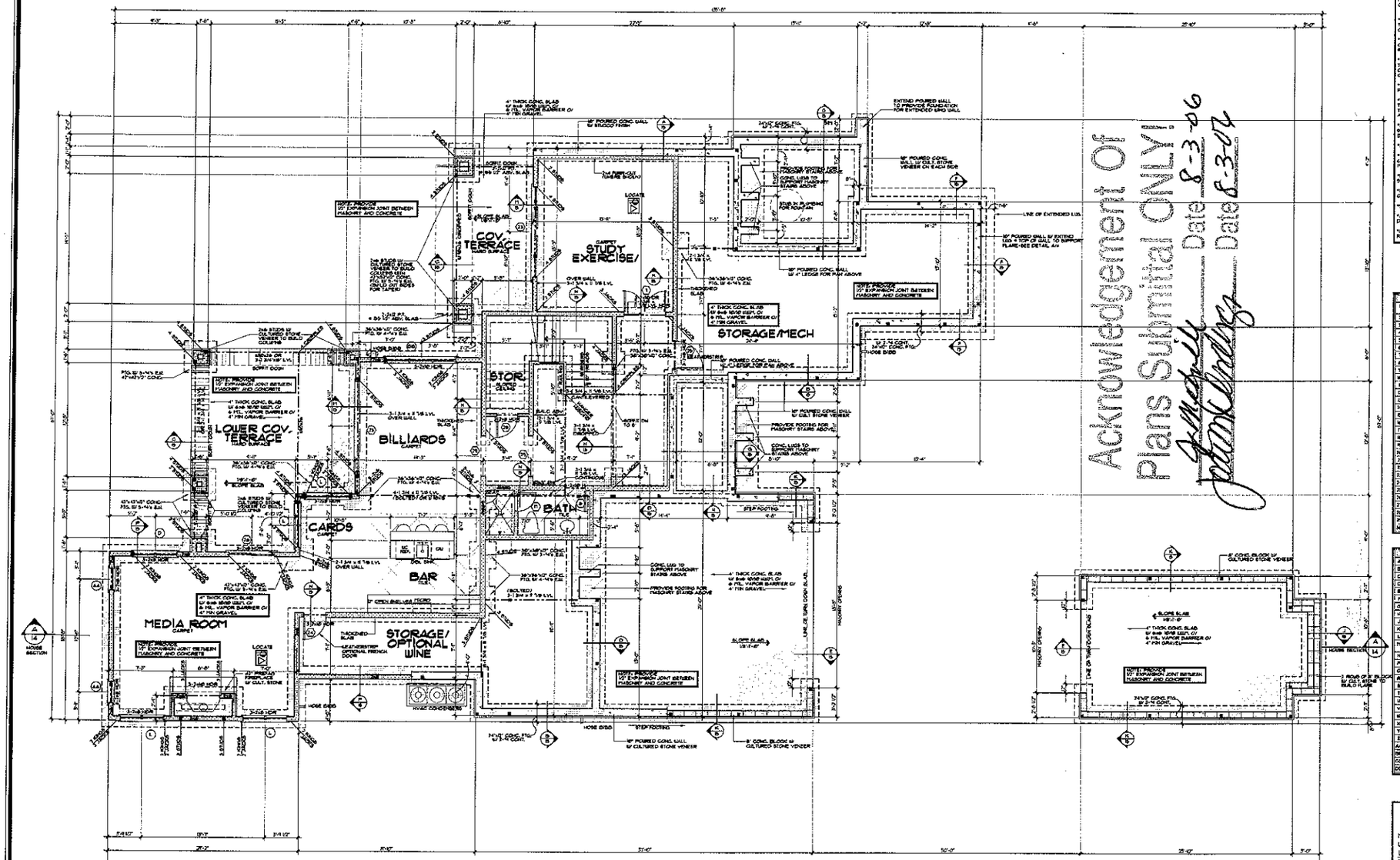
| DRAWN BY: | DATE: |
|---|---|
| JJB/JFH | 01-25-06 |
| CHECKED BY: | JOB NUMBER: |
| CJT. | GRAI-252-06 |

CAROLINA DESIGN GROUP HAS EXERCISED REASONABLE CARE AND PROFESSIONAL SKILL IN PREPARING THESE PLANS. HOWEVER, WE ARE NOT RESPONSIBLE FOR BUILDING FROM THESE PLANS THAT CONTAIN ERRORS OR OMISSIONS.

DRAWING TITLE:
UPPER LEVEL FLOOR PLAN

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

SHEET NO.
8
OF 20 SHEETS




NOTES:

*TYPICAL BASEMENT SLAB TO BE 4" THICK CONCRETE W/ 6x6, 10/10 WELDED WIRE MESH OR FIBER MESH OVER VAPOR BARRIER OVER 4" COMPACTED GRAVEL BASE

*SEE FRAMING NOTE 15 ON COVER SHEET FOR TYPICAL HEADER INFORMATION UNLESS NOTED OTHERWISE

*FOUNDATION WALL TO BE 10" THICK POURED CONCRETE-SEE DETAIL SHEETS FOR DETAILS ON REINFORCEMENT, ETC.

*TYPICAL EXTERIOR FOOTING TO BE 24"x12" THICK WITH 3-#5 BARS CONTINUOUS @ BASEMENT CONDITIONS & 24"x10" THICK WITH 2-#4 BARS CONTINUOUS @ GARAGE CONDITIONS

*SLAB INSULATION TO BE R-5 MINIMUM 24" AT PERIMETER OR FOUNDATION WALL

*TERMITE CONTROL SHALL BE BY CHEMICAL SOIL TREATMENT OR OTHER METHODS APPROVED BY THE NORTH CAROLINA DEPARTMENT OF AGRICULTURE

*ALL EXTERIOR STUDS TO BE 2x6 @ 16" O.C. INTERIOR WALLS TO BE 2x4 @ 12" O.C. UNLESS BEARING. BEARING WALL TO BE 2x6 @ 16" O.C.

*ALL ANGLED WALLS ARE 45° U.N.O.

*(B) INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BEARING POINT LOADS UNLESS NOTED OTHERWISE

*PROVIDE DRAIN AT ANY MECHANICAL LOCATION SLOPE CONCRETE TOWARDS DRAIN

*PROVIDE FOUNDATION DRAIN ON FILL SIDE OF WALL & DRAIN TO DAYLIGHT

*STUB IN PLUMBING FOR ALL FUTURE AREAS

*ALL DOORS ARE 6" FROM WALL UNLESS DIMENSIONED OTHERWISE

*PROVIDE BEAM POCKET IN POURED WALL IF REQUIRED FOR BEARING OF PROPPED BEAM.

DOOR SCHEDULE

| # | SIZE | DESCRIPTION |
|---|---|---|
| 1 | 3'-0" x 8'-0" | ARCHED TOP 3/4 GLASS W/ 36" HIGH ARCHED TRANS. EACH SIDE |
| 2 | 2'-3" x 6'-8" | FRENCH SLIDER W/ 16" TRANSOM |
| 3 | 2'-3" x 6'-8" | FRENCH SLIDER W/ 16" TRANSOM |
| 4 | 2'-6" x 6'-8" | 20 MIN RTD |
| 5 | 2'-6" x 6'-8" | SOLID PANEL |
| 6 | 2'-6" x 6'-8" | SOLID PANEL |
| 7 | 2'-6" x 6'-8" | SOLID PANEL |
| 8 | 2'-6" x 6'-8" | SOLID PANEL POCKET |
| 9 | 2'-8" x 6'-8" | SOLID PANEL |
| 10 | 9'-0" x 8'-0" | CASED OPENING |
| 11 | 3'-6" x 8'-0" | CASED OPENING |
| 12 | 3'-0" x 8'-0" | CASED OPENING |
| 13 | 6'-0" x 8'-0" | CASED OPENING |
| 14 | 5'-0" x 8'-0" | ARCHED OPENING |
| 15 | 16'-0" x 8'-0" | CASED OPENING |
| 16 | 2'-6" x 6'-8" | SOLID PANEL |
| 17 | 2'-0" | TEMPERED GLASS SHOWER |
| 18 | 2'-8" x 6'-8" | SOLID PANEL |
| 19 | 2'-6" x 6'-8" | SOLID PANEL POCKET |
| 20 | 2'-1 1/2" x 6'-8" | SOLID PANEL |
| 21 | 5'-0" x 8'-0" | CASED OPENING |
| 22 | 6'-0" x 8'-0" | CASED OPENING |
| 23 | 4'-2" x 6'-8" | FRENCH SLIDERS |
| 24 | 2'-6" x 6'-8" | SOLID PANEL |
| 25 | 2'-6" x 6'-8" | SOLID PANEL |
| 26 | 2'-2" x 6'-8" | FRENCH SLIDER |
| 27 | 2'-1 1/2" x 6'-8" | SOLID PANEL |
| 28 | 2'-6" x 6'-8" | FRENCH |
| 29 | 6'-0" x 8'-0" | CASED OPENING |
| 30 | 4'-2" x 6'-8" | FRENCH SLIDER W/ 16" TRANSOM |

WINDOW SCHEDULE

| # | SIZE | DESCRIPTION |
|---|---|---|
| A | 9'-0" x 2'-0" | ARCHD TOP TRIM'D W/ FALSE MULL |
| B | 2'-0" x 3'-0" | CASEMENT |
| C | 2'-0" x 2'-0" | FIXED (TEMPERED) |
| D | 2'-0" x 6'-8" | COTTAGE DOUBLE HUNG |
| E | 3'-0" x 5'-0" | COTTAGE DOUBLE HUNG |
| F | 3'-0" x 6'-8" | COTTAGE DOUBLE HUNG |
| G | 2'-0" x 6'-8" | COTTAGE DOUBLE HUNG |
| H | 2'-0" x 4'-0" | CASEMENT |
| I | 2'-0" x 2'-0" | CASEMENT W/ 16" TRANSOM |
| K | 2'-0" x 6'-8" | CASEMENT W/ 16" TRANSOM |
| L | 2'-0" x 4'-0" | CASEMENT |
| M | 8'-0" x 5'-0" | FIXED W/ 2'x4' CSMNT EACH SIDE W/ 16" TRANSOM ABOVE |
| N | 3'-0" x 6'-8" | FIXED W/ 29" TRANSOM (TEMP) |
| P | 3'-0" x 6'-8" | CASEMENT W/ 16" TRANSOM |
| Q | 2'-0" x 6'-8" | CASEMENT W/ 16" TRANSOM |
| R | 8'-0" x 5'-0" | PICTURE (TEMPERED) |
| S | 2'-0" x 3'-0" | CASEMENT |
| T | 1'-0" x 4'-0" | COTTAGE DOUBLE HUNG |
| U | 2'-0" x 5'-0" | COTTAGE DOUBLE HUNG |
| V | 2'-0" x 3'-0" | CASEMENT |
| W | 3'-0" x 1'-0" | FIXED (TEMPERED) |
| X | 3'-0" x 4'-0" | CASEMENT |
| Y | 10'-0" x 5'-0" | FIXED W/ 2'x4' CSMNT EACH SIDE |
| Z | 2'-0" x 5'-0" | CASEMENT |
| AA | 2'-0" x 6'-8" | CASEMENT |
| BB | 2'-0" x 6'-8" | CASEMENT |
| CC | 2'-0" x 6'-8" | CASEMENT W/ 16" TRANSOM |
| DD | 2'-0" x 6'-8" | CASEMENT W/ 16" TRANSOM |

Square Footage
07/25/06 JWH

| | |
|---|---|
| Main Level Heated | 7,630 SqFt. |
| Upper Level Heated | 1,321 SqFt. |
| Lower Level Heated | 16,880 SqFt. |
| Total Heated | 25,831 SqFt. |
| Two Car Garage | 601 SqFt. |
| One Car Garage | 335 SqFt. |
| Covered Entry | 91 SqFt. |
| Upper Cov. Terrace | 369 SqFt. |
| Future Bonus | 328 SqFt. |
| Storage | 1,876 SqFt. |
| Cov. Terrace | 160 SqFt. |
| Lower Cov. Terrace | 369 SqFt. |
| Total Under Roof | 30,040 SqFt. |
| Exposed Terrace | 164 SqFt. |

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Lot 7
BEECH TREE COVE

A New Residence By
GRAINDA BUILDERS

SEAL

Verne Engineering, P.C.
428 E. 4th St., Suite 300
Charlotte, NC 28202

| DRAWN BY: | DATE: |
|---|---|
| JWH/JFH | 07-25-06 |
| CHECKED BY: | JOB NUMBER: |
| CJT. | GRAI-703-06 |

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DRAWING TITLE:
LOWER LEVEL FLOOR PLAN

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

SHEET NO.
4

OF 20 SHEETS