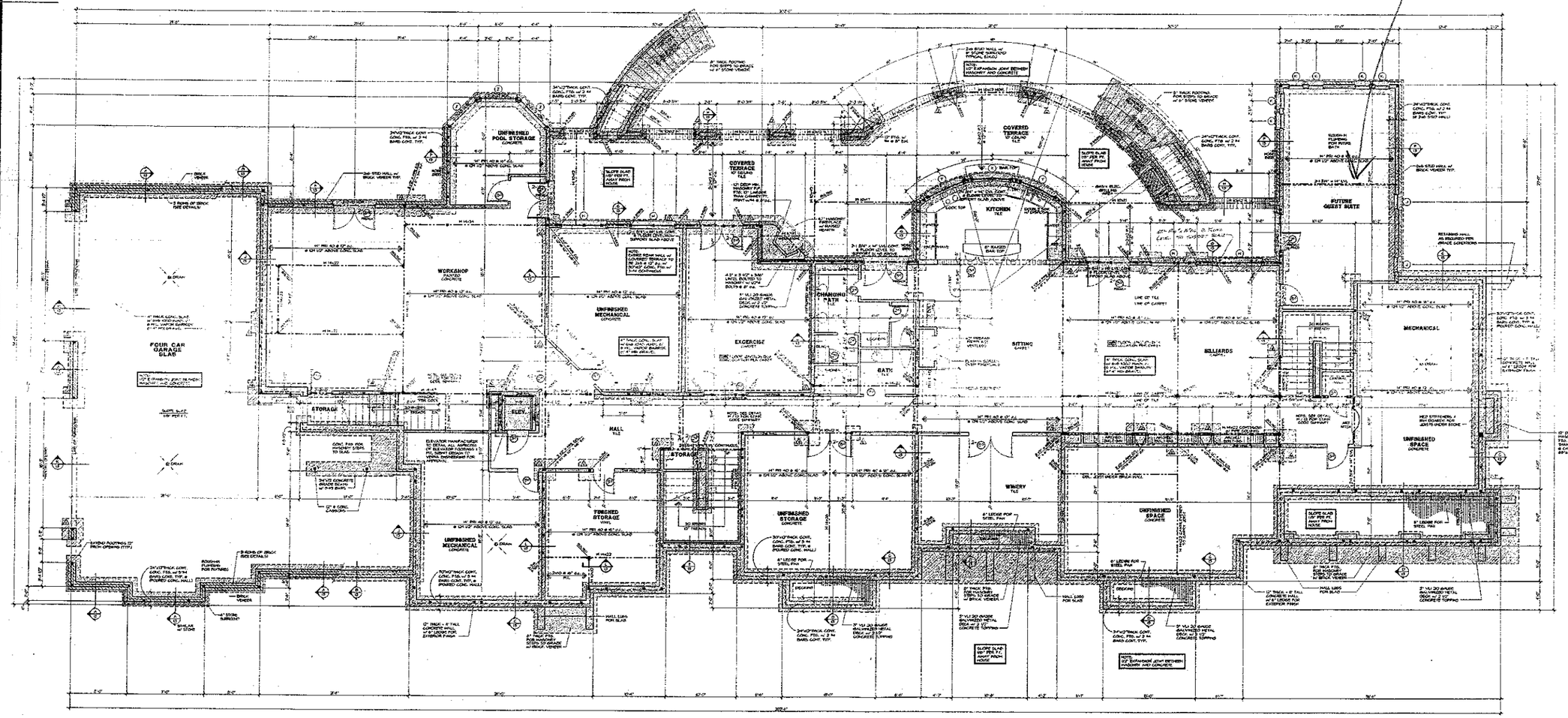
If Finished
Will Need New
Permit For
Septic




WINDOW SCHEDULE

| | SIZE | DESCRIPTION |
|---|---|---|
| A | 8'-4 x 4'-0 | 1/2 ROUND FIXED |
| B | 8'-4 x 6'-0 | 1/2 ROUND FIXED |
| C | 5'-4 x 6'-0 | FIXED |
| D | 8'-4 x 6'-0 | 1/2 ROUND FIXED |
| E | 2'-7 x 3'-0 | 1/2 ROUND FIXED |
| F | 3'-0 x | TRIANGLE FIXED |
| G | 3'-0 x 2'-0 | ARCHED TOP FIXED |
| I | 1'-4 x 6'-0 | FIXED (SEE RIGHT ELEVATION) |
| J | 2'-0 x 3'-0 | CASEMENT |
| K | 2'-0 x 2'-0 | AWNING |
| L | 2'-7 x 4'-0 | CASEMENT |
| M | 2'-7 x 4'-0 | FIXED w/ 40" OPERABLE AWNING |
| N | 2'-7 x 3'-0 | CASEMENT |
| O | 2'-7 x 4'-0 | CASEMENT |
| P | 2'-7 x 4'-0 | FIXED w/ 40" OPERABLE AWNING |
| Q | 3'-0 x 6'-0 | FIXED w/ 40" OPERABLE AWNING |
| R | 3'-0 x 6'-0 | FIXED 1/2 RADIUS w/ 40" OPERABLE AWNING |
| S | 2'-7 x 6'-0 | FIXED w/ 40" OPERABLE AWNING |
| T | 6'-7 x 2'-0 | FIXED |
| U | 2'-0 x | POCKET FIXED |
| V | 2'-7 x 2'-0 | CASEMENT |
| W | 2'-7 x 6'-0 | FIXED w/ 1/2 RADIUS TRANSOM |
| X | 2'-7 x 6'-0 | CASEMENT |
| Y | 2'-7 x 6'-0 | AWNING CASEMENT |
| Z | 2'-7 x 4'-0 | CASEMENT |
| AA | 5'-4 x 6'-0 | FIXED |
| BB | 2'-7 x 6'-0 | FIXED 1/2 RADIUS |
| CC | 10'-4 x 6'-0 | FIXED 1/2 RADIUS |

Square Footage

| June 08, 2004 | 735 |
|---|---|
| Main Level Heated | 8,214 Sq.Ft. |
| Upper Level Heated | 5,311 Sq.Ft. |
| Lower Level Heated | 4,048 Sq.Ft. |
| Total Heated | 17,573 Sq.Ft. |
| Covered Porch | 302 Sq.Ft. |
| Covered Front Entry | 37 Sq.Ft. |
| Delivery Vestibule | 24 Sq.Ft. |
| Four Car Garage | 1,913 Sq.Ft. |
| Garage Storage | 201 Sq.Ft. |
| Covered Terrace | 830 Sq.Ft. |
| Pool Storage | 191 Sq.Ft. |
| Workshop | 1,926 Sq.Ft. |
| Storage / Mechanical | 2,020 Sq.Ft. |
| Lower Covered Terrace | 1,427 Sq.Ft. |
| Future Guest Suite | 549 Sq.Ft. |
| Upper Unfinished Storage | 415 Sq.Ft. |
| Upper Balcony | 153 |
| Total Under Roof | 26,938 Sq.Ft. |

FOOTING SCHEDULE

NOTE: SEE FOUNDATION DETAILS FOR SIZE/DESCRIPTION OF FOOTINGS, BLOCK WALL, ETC.

NOTES:

- TYPICAL BASEMENT SLAB TO BE 5" THICK (4" UNDER GARAGE) WELDED WIRE MESH OVER 6 MIL VAPOR BARRIER OVER 4" COMPACTED GRAVEL FILL.
- SEE FRAMING NOTE ON COVER SHEET FOR TYPICAL WOOD CONSTRUCTION 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 2-#4 CONTINUOUS & BASEMENT CONDITIONS = 24"x20" THICK WITH 2-#4 CONTINUOUS & 4-#5 VERT. CONTINUOUS.
- SLAB INSULATION TO BE R-5 MINIMUM 24" AT PERIMETER OF FOUNDATION WALL
- TERMITE CONTROL SHALL BE BY CHEMICAL SOIL TREATMENT OR OTHER METHODS APPROVED BY THE NORTH CAROLINA DEPARTMENT OF AGRICULTURE
- ALL EXTERIOR WALLS TO BE 2x6 @ 16" O.C. INTERIOR WALLS TO BE 2x4 @ 16" O.C. UNLESS NOTED. BEARING WALL TO BE 2x6 @ 16" O.C.
- ALL ANGLED WALLS ARE 45° U.N.O.
- * INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING POINT LOADS UNLESS NOTED OTHERWISE
- PROVIDE DRAIN AT ANY MECHANICAL LOCATION SLOPE CONCRETE TOWARDS DRAIN
- PROVIDE FOUNDATION DRAIN ON FILL SIDE OF WALL 6" BELOW FIN FLOOR
- SUB-IN PLUMBING FOR ALL FUTURE AREAS
- ALL DOORS ARE 6'-8" FROM WALL UNLESS OTHERWISE DIMENSIONED
- PROVIDE BEAM POCKET IN POURED WALL IF REQUIRED FOR BEARING OF SHOPPED BEAM
- PROVIDE DOUBLE JOIST UNDER ALL PARTITIONS, WALL STUD.
- *ALL DOORS SOLID PANEL (U.N.O.)
- *ALL HEADER HEIGHTS ARE @ 96" (U.N.O.)

©copyright, Carolina Design Group, Inc., 2004

CAROLINA DESIGN GROUP
a residential design firm
10060 Bailey Road, Suite A, Cornelius NC, 28031
voice: 704.895.7805 fax: 704.896.8199
www.carolinadesigngroup.com

DIENST Custom Homes

For
David & Susan Harrison
A New Custom Residence
Lot 416 The Point

SEAL

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

Dwg. By: TAS
DATE: July 01, 2004

DRAWING TITLE:
LOWER LEVEL / FOUNDATION PLAN

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

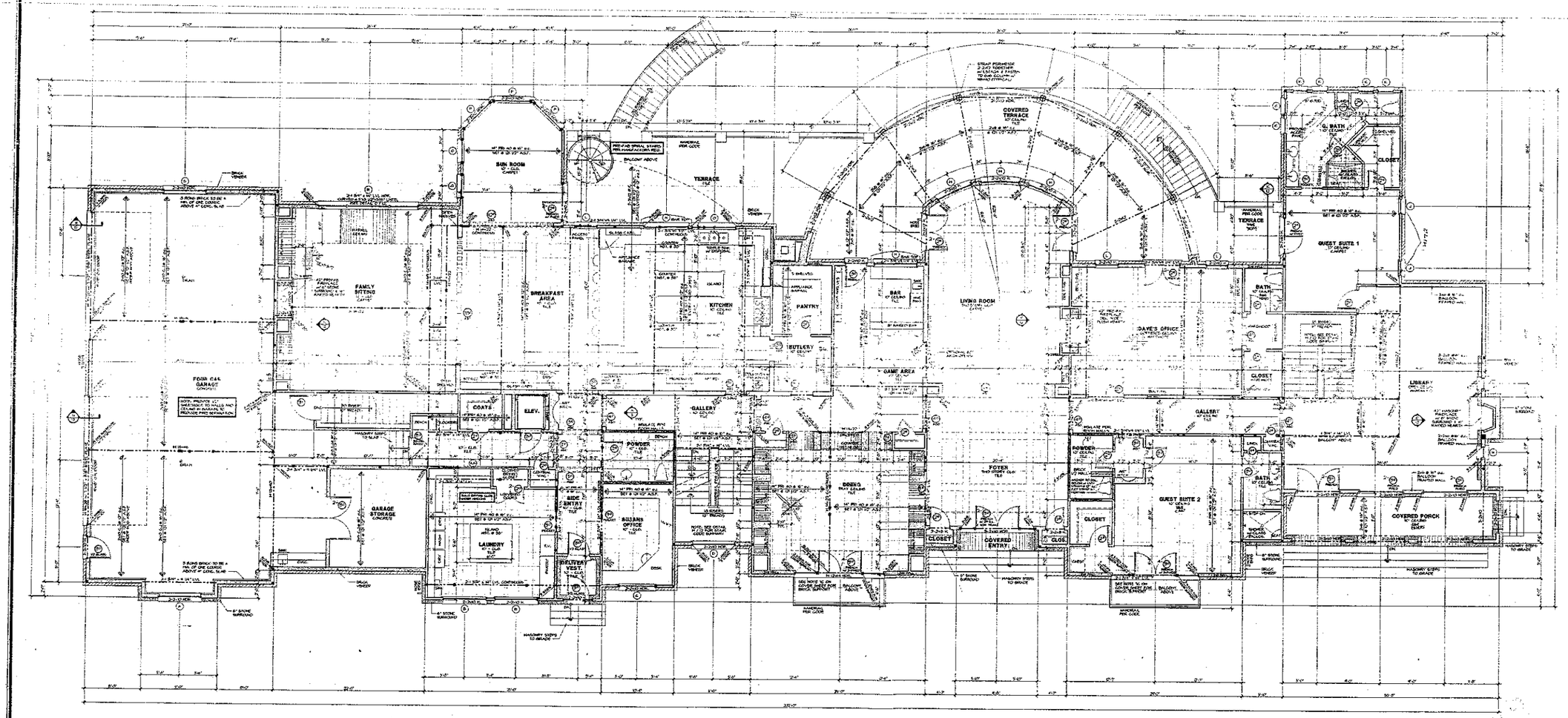
SHEET NO.
3
OF 16 SHEETS

Acknowledgement Of
Plans Submittal ONLY!

5 bedrooms

Date 8/30/04

Date 8/30/04




WINDOW SCHEDULE

| NO | SIZE | DESCRIPTION |
|---|---|---|
| A | 6'0" x 6'0" | 1/2 ROUND FIXED |
| B | 6'0" x 6'0" | 1/2 ROUND FIXED |
| C | 5'0" x 6'0" | FIXED |
| D | 5'0" x 6'0" | 1/2 ROUND FIXED |
| E | 2'0" x 6'0" | 1/2 ROUND FIXED |
| F | 3'0" x 6'0" | ROUND FIXED |
| G | 8'0" x 3'0" | ANGLED TOP PAIR |
| H | 4'0" x 6'0" | FIXED FREE RIGHT ELEVATION |
| J | 2'0" x 2'0" | CASEMENT |
| K | 2'0" x 2'0" | FIXED |
| L | 2'0" x 2'0" | CASEMENT |
| M | 3'0" x 6'0" | FIXED w/ 10° OPERABLE AWNING |
| N | 3'0" x 6'0" | FIXED w/ 10° OPERABLE AWNING |
| P | 5'0" x 6'0" | FIXED w/ 10° OPERABLE AWNING |
| Q | 6'0" x 6'0" | FIXED w/ 10° OPERABLE AWNING |
| R | 6'0" x 6'0" | FIXED w/ 10° OPERABLE AWNING |
| S | 6'0" x 6'0" | FIXED |
| T | 2'0" x 2'0" | CASEMENT |
| U | 2'0" x 2'0" | FIXED w/ 1/2 ROUND TRANSOM |
| V | 2'0" x 2'0" | CASEMENT |
| W | 2'0" x 2'0" | SWING CASEMENT |
| X | 2'0" x 2'0" | CASEMENT |
| Y | 6'0" x 6'0" | FIXED |
| AA | 5'0" x 6'0" | FIXED |
| BB | 6'0" x 6'0" | FIXED 1/2 ROUND |

Square Footage

| Area / AC. Rate | 75% |
|---|---|
| Main Level Heated | 8,914 Sq.Ft. |
| Upper Level Heated | 3,811 Sq.Ft. |
| Lower Level Heated | 4,048 Sq.Ft. |
| Total Heated | 17,773 Sq.Ft. |
| Covered Porch | 990 Sq.Ft. |
| Covered Front Entry | 97 Sq.Ft. |
| Delivery Vestibule | 34 Sq.Ft. |
| Four Car Garage | 1,916 Sq.Ft. |
| Garage Storage | 221 Sq.Ft. |
| Covered Terrace | 806 Sq.Ft. |
| Pool Storage | 150 Sq.Ft. |
| Workshop | 1,250 Sq.Ft. |
| Storage / Mechanical | 2,000 Sq.Ft. |
| Lower Covered Terrace | 1,402 Sq.Ft. |
| Future Guest Suite | 540 Sq.Ft. |
| Upper Unfinished Storage | 413 Sq.Ft. |
| Entry Below | 107 |
| Total Living Area | 30,859 Sq.Ft. |

ARCH DOOR ELEVATION A
SCALE: 1/2" = 1'-0"

NOTES:

- 2- JACK STUDS UNDER EACH BEARING END OF LVL'S (U.N.O.)
- 3- JACK STUDS UNDER EACH BEARING END OF STEEL BEAMS (U.N.O.)
- ALL UNLISTED HALLS ARE 4'0" U.N.O.
- ⊠ INDICATES BLOCKING FOR ABOVE CUPBOARD/SHELVING AND/OR CEILING MOUNTED LIGHTING
- SEE FRAMING NOTE 18 FOR HEADER NOTED UNLESS NOTED ON PLAN
- ALL DOORS ARE 6'-8" FROM WALL UNLESS DIMENSIONED OTHERWISE
- ALL SUBFLOOR TO BE 3/4" TONGUE & GROOVE PLYWOOD GLUED & SCREWED OR GLUED & NAILED TO THE FLOOR. (CRITS)
- ALL JOISTS & BEAMS SIZE & CTR U.O.N.
- ALL BEAMS AND BEAM-CONDITIONS ARE SHOWN IN SEPARATE DETAILS AS NEEDED
- ALL 3-1/4 PLY LVL OR SAWN LUMBER BEAMS TO BE BUILT-UP 2 PLIES MIN. OF NAILS @ 12" O.C.U.N.O. FROM TOP & BOTTOM
- DOUBLE ALL JOISTS UNDER PARALLEL PARTITIONS
- ALL DOORS SOLID PANEL (SHEET)
- ALL DOOR HEADER HEIGHTS ARE @ 80" (U.N.O.)

| EXTERIOR WALL HEIGHT (U) | STUD SIZE / SPACING |
|---|---|
| 9'-1 1/2" | 2x4 @ 16" OC. |
| 10'-1 1/2" | 2x4 @ 12" OC. |
| 11'-1 1/2" | 2x6 @ 16" OC. |
| 9'-1/2" | GORILLA 2x6s |

GABLE WALL TO BE 2x6 @ 16" O.C. W/ BACKBRACING AT HEIGHT

© Copyright, Caroline Design Group, Inc. - 2004

CAROLINA DESIGN GROUP
a residential design firm
10605 Bailey Road Suite A, Cornelius, NC 28031
Voice: 704.892.7005 Fax: 704.892.7099
www.carolinadesigngroup.com

DIENST Custom Homes

A New Custom Residence For
David & Susan Harrison
Lot 416 The Point

SEAL

Verne Engineering, P.C.
420 E. 4th St., Suite 200
Charlotte, NC 28202

Dwg. By: TAG
DATE: July, 01, 2004

DRAWING TITLE:
MAIN LEVEL FLOOR PLAN

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

SHEET NO.
5
OF 16 SHEETS

## WINDOW SCHEDULE

| | | |
|---|---|---|
| A | 2'-4" x 5'-0" | H/C ROUND FIXED |
| B | 2'-4" x 6'-0" | H/C ROUND FIXED |
| C | 2'-4" x 6'-8" | FIXED |
| D | 2'-4" x 7'-0" | H/C ROUND FIXED |
| E | 2'-4" x 8'-0" | H/C ROUND FIXED |
| F | 2'-4" | ROUND FIXED |
| G | 2'-4" x 5'-0" | ARCHED TOP FIXED |
| H | 2'-4" x 6'-8" | FIXED SEE RIGHT ELEVATION |
| J | 2'-4" x 6'-8" | CASEMENT |
| K | 2'-4" x 5'-0" | FIXED |
| L | 2'-4" x 6'-8" | CASEMENT |
| M | 2'-4" x 6'-8" | FIXED w/ 10" OPERABLE AWNING |
| N | 2'-4" x 5'-0" | FIXED |
| P | 2'-4" x 6'-8" | SLIDER |
| Q | 2'-4" x 6'-8" | CASEMENT |
| R | 2'-4" x 6'-8" | FIXED w/ 10" OPERABLE AWNING |
| S | 2'-4" x 6'-8" | FIXED w/ 10" OPEN OUT AWNING |
| T | 2'-4" x 6'-8" | 10" FIXED HEIGHT w/ OPERABLE 10" AWNING ABOVE |
| U | 2'-4" x 6'-8" | 10" FIXED HEIGHT w/ OPERABLE 10" AWNING ABOVE SEE RIGHT ELEVATION |
| V | 2'-4" x 6'-8" | FIXED |
| W | 2'-4" x 6'-8" | ROUND FIXED |
| X | 2'-4" x 6'-8" | CASEMENT |
| Y | 2'-4" x 5'-0" | FIXED w/ H/C ROUND TRANSOM |
| Z | 2'-4" x 6'-8" | CASEMENT |
| AA | 2'-4" x 6'-8" | SWING CASEMENT |
| BB | 2'-4" x 6'-8" | CASEMENT |
| CC | 2'-4" x 5'-0" | FIXED |
| DD | 2'-4" x 6'-11" | FIXED |
| EE | 2'-4" x 6'-8" | FIXED H/C ROUND |

## Square Footage

June 02, 2004 TBS

| | |
|---|---|
| Main Level Heated | 8,814 Sq.Ft. |
| Upper Level Heated | 4,501 Sq.Ft. |
| Lower Level Heated | 4,048 Sq.Ft. |
| Total Heated | 17,378 Sq.Ft. |
| Covered Porch | 909 Sq.Ft. |
| Covered Front Entry | 87 Sq.Ft. |
| Delivery Vestibule | 84 Sq.Ft. |
| Four Car Garage | 1,913 Sq.Ft. |
| Garage Storage | 291 Sq.Ft. |
| Covered Terrace | 806 Sq.Ft. |
| Pool Storage | 150 Sq.Ft. |
| Workshop | 1,286 Sq.Ft. |
| Storage / Mechanical | 2,059 Sq.Ft. |
| Lower Covered Terrace | 1,427 Sq.Ft. |
| Future Guest Suite | 340 Sq.Ft. |
| Upper Unheated Storage | 415 Sq.Ft. |
| Upper Balcony | 187 |
| Total Under Roof | 25,819 Sq.Ft. |



ARCH DOOR ELEVATION A
SCALE: 1/2" = 1'-0"

## NOTES:

1. 5 JACK STUDS UNDER EACH BEARING END OF LVL'S & GIRDS
2. 3 JACK STUDS UNDER EACH BEARING END OF STEEL BEAMS (U.N.O.)

ALL ANGLED WALLS ARE 45° U.N.O.

* IN INDICATES BLOCKING FOR ABOVE CASEMENT TO LOWER, NAIL NOT BRACKED FOR T.V.'S (U.N.O.)

REF. FRAMING NOTE IS FOR HEADER SIZES UNLESS NOTED ON PLAN

ALL DOORS ARE 6" FROM WALL UNLESS DIMENSIONED OTHERWISE

ALL SUBFLOOR TO BE T&G* TONGUE & GROOVE PLYWOOD, GLUED & SCREWED OR GLUED & NAILED TO THE FLOOR JOISTS

ALL JOISTS / BEAMS SET @ 12" O.C. UNLESS NOTED OTHERWISE

ALL BEAMS AND BEAM CONDITIONS ARE SHOWN IN SCHEMATIC DETAILS AS REQ'D

ALL 5/4 PLY LVL (OR SIMILAR) BEAMS TO BE 11 7/8" DEEP U.N.O. ON PLAN & 9 1/2" DEEP FOR 1 1/2" DEPTH

*DOUBLE ALL JOISTS UNDER PARALLEL PARTITIONS

ALL DOORS SOLID PANEL (U.N.O.)

ALL DOOR HEADER HEIGHTS ARE @ 80" (U.N.O.)

*WEATHERSTRIP ALL DOORS AND ATTIC SPACE

| EXTERIOR WALL TYPES BY: | WOOD RAFTER FRAMING |
|---|---|
| A = 1'-0" | 2x4 @ 16" oc |
| B* & C = 1'-4" | 2x4 @ 12" oc |
| F = 1'-8" & 2'-0" | 2x6 @ 16" oc |
| E = 0" | CONCRETE / MASS |

© Copyright, Carolina Design Group, Inc. - 2004

CAROLINA DESIGN GROUP
a residential design firm
10660 Bellaire Road, Suite A, Charlotte, NC 28201
voice: 704.895.7905 fax: 704.895.0599
www.carolinadesigngroup.com

DIENST
Creative Homes

For:
# David & Susan Harrison
A New Custom Residence
Lot 416 The Point

SEAL

Verna Engineering PLLC
9241 E. 4th St. Suite 300
Charlotte, NC 28262

| DWG By | DATE: |
|---|---|
| TBS | July 01, 2004 |

DRAWING TITLE:
UPPER LEVEL FLOOR PLAN

SCALE: 3/16" = 1'-0"

SHEET NO.
7
OF 16 SHEETS