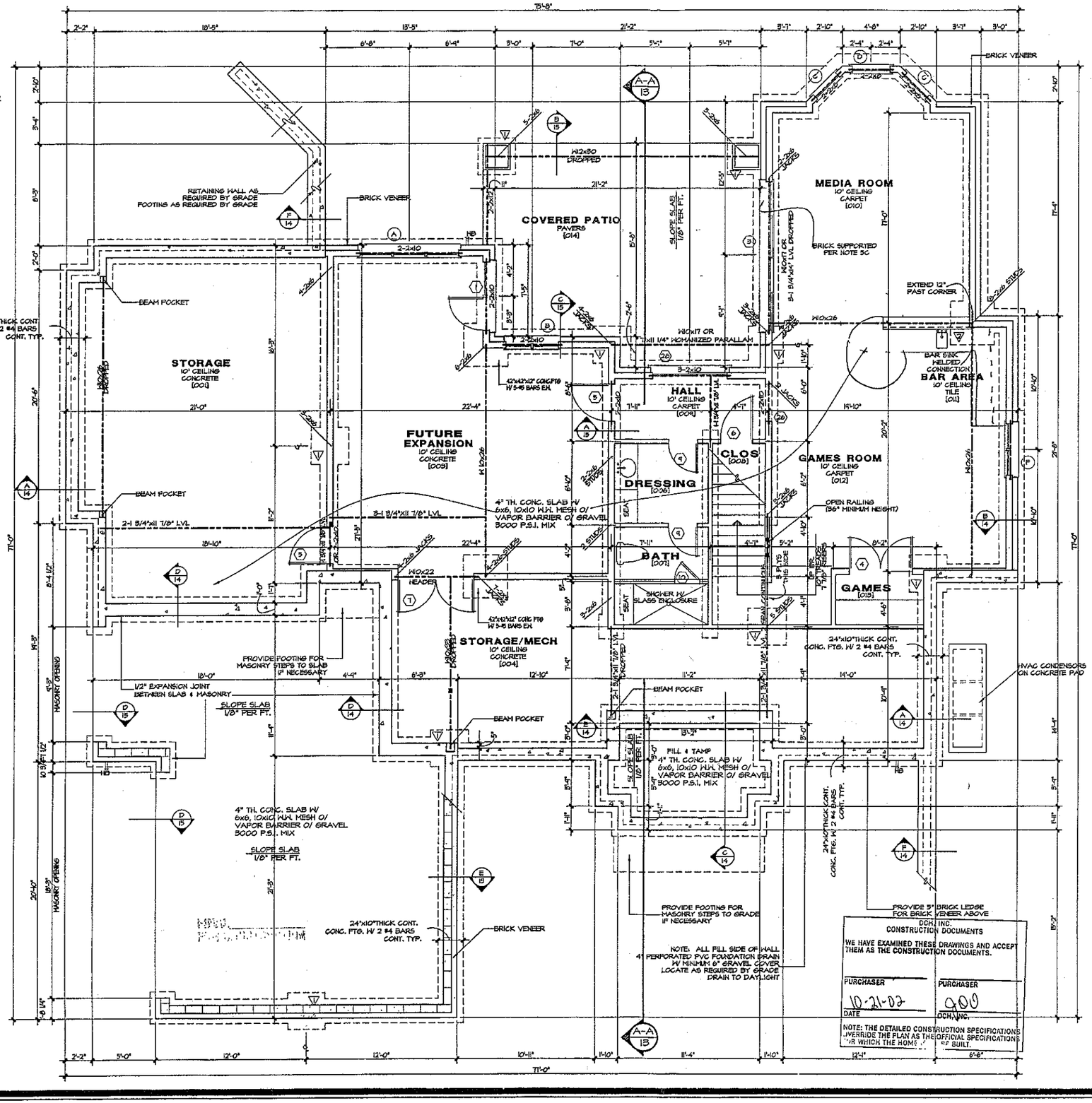
EXTERIOR WALL HEIGHT (h)	STUD SIZE/ SPACING
h < 10'	2x4 @ 16" oc
10' < h < 11'	2x4 @ 12" oc
11' < h < 18'	2x6 @ 16" oc
h > 18'	CONSULT ENG.



NOTE:

TYP. BASEMENT TO BE 4" TH. CONC. SLAB W/ 6x6, 10x10 W.W. MESH O/ VAPOR BARRIER O/ 4" COMPACTED GRAVEL BASE

FOUNDATION WALL TO BE POURED CONCRETE - SEE SHEET A-4 FOR THICKNESS & RE-INFORCEMENT

TYP. FTG. TO BE 24"x10" TH. W/ 2 #4 BARS CONT. @ STUD & 2 #6 BARS @ POURED WALL

SLAB INSULATION TO BE R-5 MIN. 24" @ PERIMETER OF FNDTN. WALL

■ INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS & ROOF BRACE POINT LOADS UNLESS NOTED OTHERWISE

NOTE:

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

FOOTING SCHEDULE

	SIZE & DETAILS
1	36"x36"x12" W/ 4-#4 BARS EACH WAY
2	42"x42"x12" W/ 5-#5 BARS EACH WAY

DOOR SCHEDULE

	SIZE	DESCRIPTION
1	2'-2" x 8'0"	FRENCH
2	2'-8" x 8'0"	FRENCH
3	4'-8" x 8'0"	FOUR PANEL GLIDING FRENCH
5	3'0" x 8'0"	SOLID PANEL DOOR
6	2'4" x 8'0"	SOLID PANEL DOOR
7	2'-8" x 8'0"	SOLID PANEL DOOR
8	3'0" x 8'0"	ONE HOUR FIRE RATED DOOR
9	2'4" x 8'0"	SOLID PANEL DOOR
10	2'0"	TEMPERED GLASS SHOWER DOOR
11	3'0" x 8'0"	CASED OPENING
12	3'0" x 8'0"	FRENCH
13	3'0" x 8'0"	FRONT ENTRY W/ 16" SIDELITES SEE FRONT ELEVATION
14	10'0" x 8'0"	OVERHEAD DOOR (SEE LEFT ELEV.)
15	9'0" x 8'0"	OVERHEAD DOOR (SEE LEFT ELEV.)
16	14'0" x 8'0"	CASED OPENING
17	8'0" x 8'0"	CASED OPENING
18	2'0" x 8'0"	SOLID PANEL DOOR
19	2'-2" x 8'0"	FRENCH DOOR
20	2'8" x 8'0"	SOLID PANEL DOOR
21	2'4" x 6'8"	SOLID PANEL DOOR
22	3'0" x 6'8"	CASED OPENING
24	2'8" x 6'8"	SOLID PANEL DOOR
25	2'0" x 6'8"	SOLID PANEL DOOR
28	2'-8" x 8'0"	SLIDING PATIO DOOR
29	4'0" x 8'0"	CASED OPENING
30	2'-1" x 8'0"	SOLID PANEL DOOR
31	2'8" x 6'8"	SOLID PANEL DOOR

WINDOW SCHEDULE

	SIZE	DESCRIPTION
A	3'-2" x 6'0"	CASEMENT
B	2'-2" x 6'0"	CASEMENT
C	2'8" x 6'0"	CASEMENT
D	3'0" x 6'0"	CASEMENT
F	2'-2" x 4'8"	CASEMENT
G	4'-2" x 8'0"	CASEMENT W/ 12" ARCHED TRANSOM SEE REAR ELEVATION
H	2'-1" x 4'6"	CASEMENT
I	2'-2" x 5'8"	CASEMENT W/ 12" TRANSOM
J	2'-2" x 5'8"	CASEMENT
K	2'8" x 4'8"	CASEMENT
L	2'-2" x 5'8"	CASEMENT W/ EGRESS HARDWARE
M	2'-8" x 6'8"	SPRINGLINE CASEMENT (SEE ELEVATION ITEM F)
N	3'0" x 5'8"	CASEMENT W/ SIMULATED CENTER MULLION
O	2'8"	FIXED FULL ROUND

Sq. Footage
9/10/02

Basement Heated	988 Sq.Ft.
First Floor Heated	2726 Sq.Ft.
Second Floor Heated	1341 Sq.Ft.
Total Heated	5050 Sq.Ft.
Basement Unfinished	1681 Sq.Ft.
Garage	782 Sq.Ft.
Front Porch	112 Sq.Ft.
Covered Terrace	367 Sq.Ft.
Total Under Roof	7442 Sq.Ft.

NOTE: ALL ANGLED WALLS ARE AT 45°

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A New Residence By
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Custom Home Builders
The Point
Lot 233

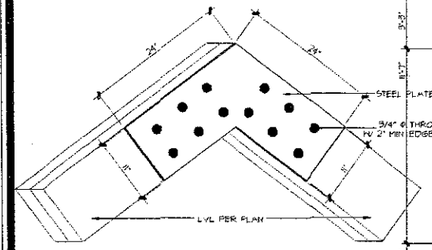
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24578 ENGINEER LAWRENCE W. PHILBRICK, JR.
10/17/02
STRUCTURAL INTEGRITY ENGINEERING, P.A.
315 E. Main St., Suite A
Pinville, NC 28134
Seal for Structural Only
STRUCTURAL INTEGRITY ENGINEERING CORPORATE SEAL 2001 NORTH CAROLINA

DRAWN BY	DATE
Cameron Taylor	October4, 2002

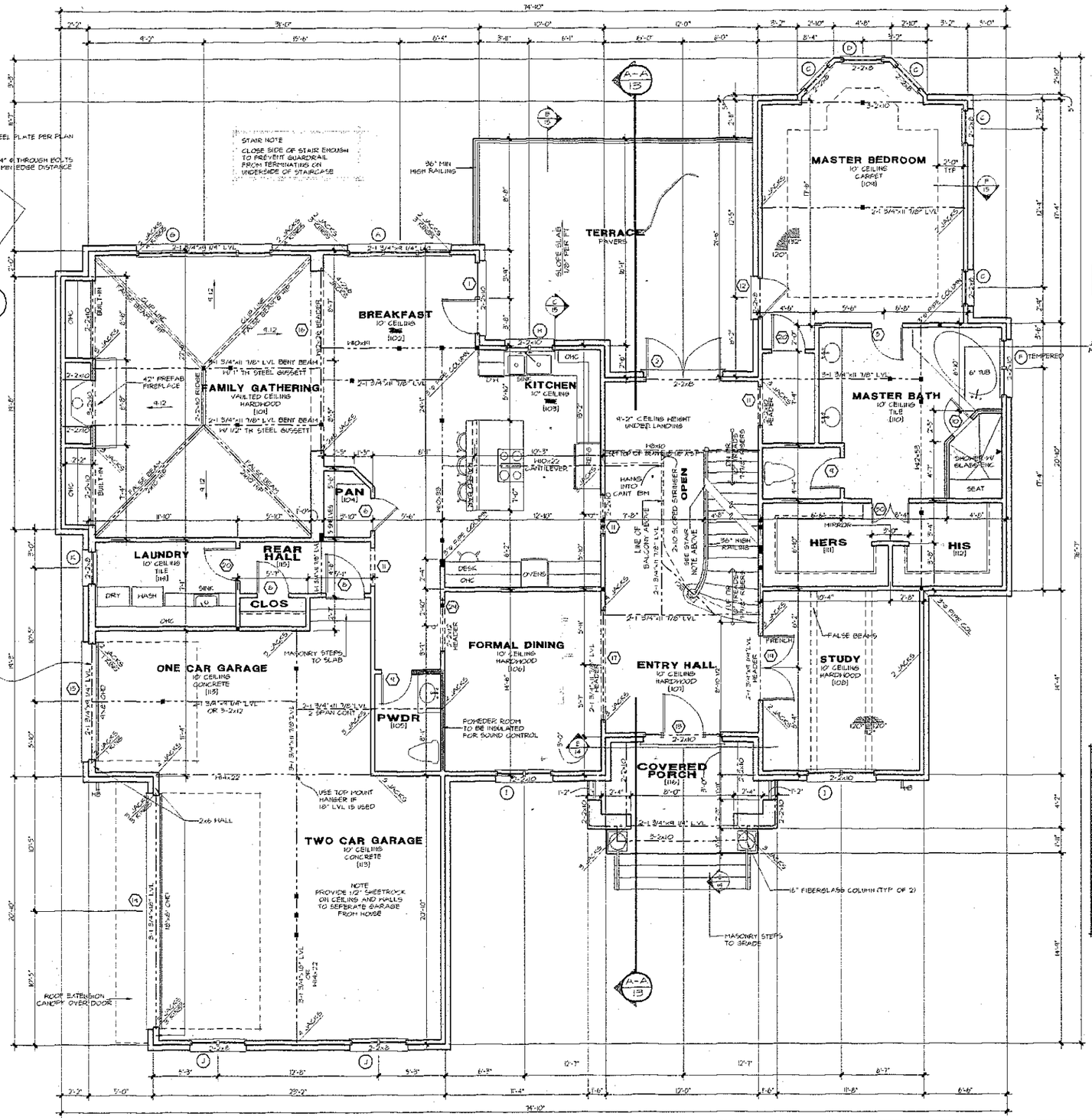
DRAWING TITLE:
BASEMENT FLOOR PLAN

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

SHEET NO.
3
OF 18 SHEETS



BENT BEAM DETAIL (A)



EXTERIOR WALL HEIGHT (h)	STUD SIZE/ SPACING
h < 10'	2x4 @ 16" OC
10' < h < 11'	2x4 @ 12" OC
11' < h < 18'	2x6 @ 16" OC
h > 18'	CONSULT ENG

NOTE ALL ANGLED WALLS ARE AT 45°

■ INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS & ROOF BRACE POINT LOADS UNLESS NOTED OTHERWISE

28 DOOR FOR PLB ACCESS

DOOR SCHEDULE

	SIZE	DESCRIPTION
1	2'-0" x 8'-0"	FRENCH
2	2'-8" x 8'-0"	FRENCH
3	4'-0" x 6'-8"	FOR PANEL GLIDING FRENCH
4	2'-0" x 8'-0"	SOLID PANEL DOOR
5	3'-0" x 8'-0"	SOLID PANEL DOOR
6	2'-6" x 8'-0"	SOLID PANEL DOOR
7	2'-8" x 8'-0"	SOLID PANEL DOOR
8	3'-0" x 6'-8"	ONE HOUR FIRE RATED DOOR
9	2'-6" x 8'-0"	SOLID PANEL DOOR
10	2'-6"	TEMPERED GLASS FAUCHER DOOR
11	3'-0" x 8'-0"	CASED OPENING
12	3'-0" x 8'-0"	FRENCH
13	3'-0" x 8'-0"	FRONT ENTRY W/ 16" SIDELITES SEE FRONT ELEVATION
14	18'-0" x 8'-0"	OVERHEAD DOOR (SEE LEFT ELEV.)
15	9'-0" x 8'-0"	OVERHEAD DOOR (SEE LEFT ELEV.)
16	14'-0" x 8'-0"	CASED OPENING
17	8'-0" x 10'-0"	CASED OPENING
18	2'-0" x 8'-0"	SOLID PANEL DOOR
19	2'-8" x 8'-0"	FRENCH DOOR
20	2'-6" x 8'-0"	SOLID PANEL DOOR
21	2'-4" x 8'-0"	SOLID PANEL DOOR
22	9'-0" x 8'-0"	CASED OPENING
24	2'-8" x 8'-0"	SOLID PANEL DOOR
25	2'-0" x 8'-0"	SOLID PANEL DOOR
26	2'-6" x 8'-0"	CASED OPENING
28	2-18'-0" x 8'-0"	SLIDING PATIO DOOR
29	4'-0" x 10'-0"	CASED OPENING
30	2-1'-6" x 6'-8"	SOLID PANEL DOOR
31	2'-6" x 6'-8"	SOLID PANEL DOOR

WINDOW SCHEDULE

	SIZE	DESCRIPTION
A	3'-2" x 6'-0"	CASEMENT
B	2-2'-8" x 6'-0"	CASEMENT
C	2'-8" x 6'-0"	CASEMENT
D	3'-0" x 6'-0"	CASEMENT
E	3-3'-0" x 6'-0"	CASEMENT
F	2-2'-0" x 4'-0"	CASEMENT
G	4-2'-8" x 6'-0"	CASEMENT W/ 10" ARCHED TRANSOM SEE REAR ELEVATION
H	2-1'-8" x 4'-0"	CASEMENT
I	2-3'-4" x 5'-6"	CASEMENT W/ 16" TRANSOM
J	2-2'-8" x 5'-8"	CASEMENT
K	2'-8" x 4'-6"	CASEMENT
L	2-2'-0" x 5'-0"	CASEMENT W/ EGRESS HARDWARE
M	2-3'-0" x 6'-8"	SPRINGLINE CASEMENT (SEE ELEVATION ITEM A)
N	3'-0" x 9'-6"	CASEMENT W/ SIMULATED CENTER MULLION
O	2'-0"	FIXED FULL ROUND

Sq. Footage
4/10/02

Basement Heated	983 Sq Ft
First Floor Heated	2726 Sq Ft
Second Floor Heated	1341 Sq Ft
Total Heated	5050 Sq Ft
Basement Unfinished	1631 Sq Ft
Garage	782 Sq Ft
Front Porch	112 Sq Ft
Covered Terrace	367 Sq Ft
Total Under Roof	7942 Sq Ft

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A New Residence By
DIENST
Custom Homes
The Point
Lot 233

SEAL

DRAWN BY: Cameron Taylor
DATE: September 10, 2002

DRAWING TITLE
MAIN LEVEL FLOOR PLAN

SCALE 1/4" = 1'-0"

SHEET NO
5
OF 18 SHEETS

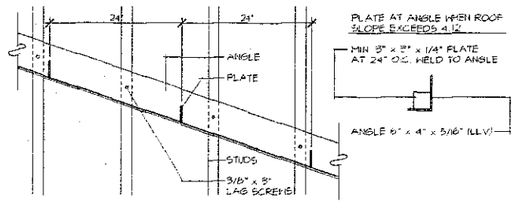
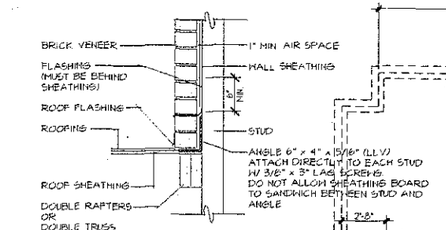


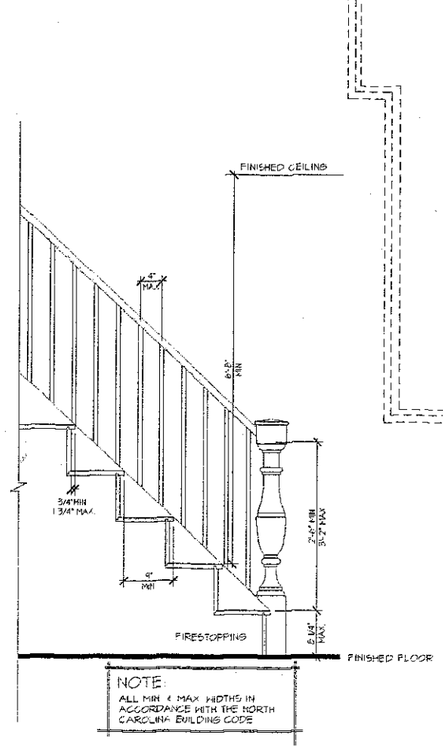
PLATE AT ANGLE WHEN ROOF SLOPE EXCEEDS 4:12

MIN 3" x 3" x 1/4" PLATE AT 24" O.C. HELD TO ANGLE

ANGLE 6" x 4" x 5/16" (LLV)

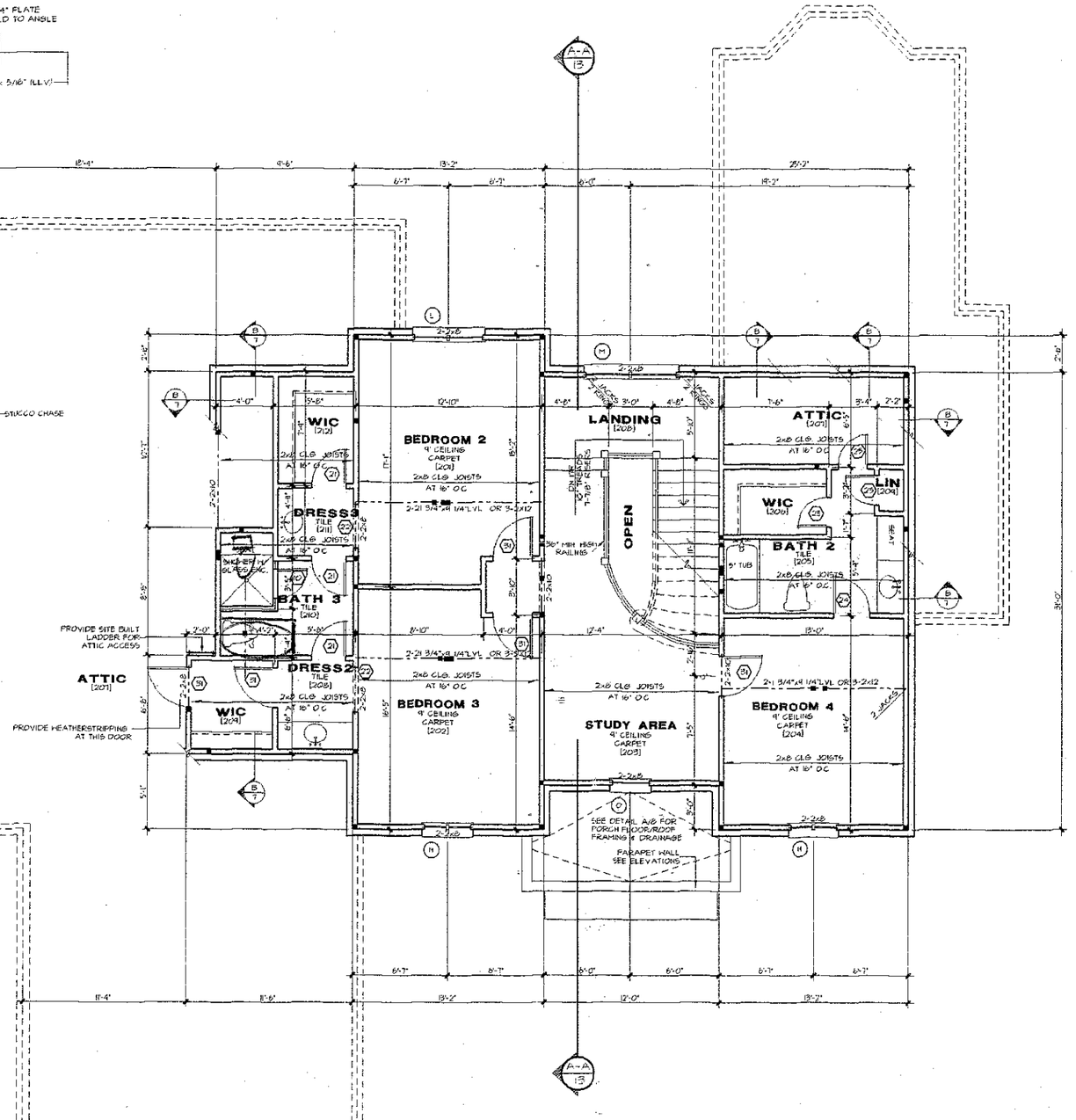


BRICK CLIMB DETAIL (B)



NOTE:
ALL MIN & MAX WIDTHS IN ACCORDANCE WITH THE NORTH CAROLINA BUILDING CODE

STAIR CODES DETAIL (A)



EXTERIOR WALL HEIGHT (h)	STUD SIZE/ SPACING
h < 10'	2x4 @ 16" oc
10' < h < 11'	2x4 @ 12" oc
11' < h < 18'	2x6 @ 16" oc
h >18'	CONSULT ENG

■ INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS & ROOF BRACE POINT LOADS UNLESS NOTED OTHERWISE

DOOR SCHEDULE

	SIZE	DESCRIPTION
1	2'-0" x 8'0"	FRENCH
2	2'-3'0" x 6'0"	FRENCH
3	4'-3'0" x 8'0"	FOR PANEL SLIDING FRENCH
4	2'-0" x 8'0"	SOLID PANEL DOOR
5	3'0" x 6'0"	SOLID PANEL DOOR
6	2'-4" x 8'0"	SOLID PANEL DOOR
7	2'-3'0" x 8'0"	SOLID PANEL DOOR
8	3'0" x 6'0"	ONE HOUR FIRE RATED DOOR
9	2'-4" x 8'0"	SOLID PANEL DOOR
10	2'-0"	TEMPERED GLASS SHOWER DOOR
11	8'0" x 8'0"	CASED OPENING
12	3'0" x 6'0"	FRENCH
13	5'0" x 8'0"	FRONT ENTRY W/ 16" SIDELITES SEE FRONT ELEVATION
14	16'0" x 8'0"	OVERHEAD DOOR (SEE LEFT ELEV.)
15	9'0" x 8'0"	OVERHEAD DOOR (SEE LEFT ELEV.)
16	14'0" x 8'0"	CASED OPENING
17	8'0" x 8'0"	CASED OPENING
18	2'0" x 8'0"	SOLID PANEL DOOR
19	2'-2'4" x 8'0"	FRENCH DOOR
20	2'0" x 8'0"	SOLID PANEL DOOR
21	2'4" x 6'8"	SOLID PANEL DOOR
22	3'0" x 6'8"	CASED OPENING
23	2'0" x 6'8"	SOLID PANEL DOOR
24	2'4" x 6'8"	SOLID PANEL DOOR
25	2'0" x 6'8"	CASED OPENING
26	2'-3'0" x 8'0"	SLIDING PATIO DOOR
27	4'0" x 8'0"	CASED OPENING
30	2-1'4" x 8'0"	SOLID PANEL DOOR
31	2'0" x 6'8"	SOLID PANEL DOOR

WINDOW SCHEDULE

	SIZE	DESCRIPTION
A	3'-2'0" x 6'0"	CASEMENT
B	2'-2'0" x 6'0"	CASEMENT
C	2'0" x 6'0"	CASEMENT
D	3'0" x 6'0"	CASEMENT
E	3'-3'0" x 6'0"	CASEMENT
F	2'-2'0" x 4'0"	CASEMENT
G	4'-2'0" x 8'0"	CASEMENT W/ 16" ARCHED TRANSOM SEE REAR ELEVATION
H	2'-1'4" x 4'4"	CASEMENT
J	2'-2'0" x 5'4"	CASEMENT W/ 16" TRANSOM
J	2'-2'0" x 5'4"	CASEMENT
K	2'4" x 4'4"	CASEMENT
L	2'-2'0" x 5'0"	CASEMENT W/ EGRESS HARDWARE
M	2'-3'0" x 6'4"	SIDEWALINE CASEMENT (SEE ELEVATIONS ITEM M)
N	3'0" x 5'4"	CASEMENT W/ SIMULATED CENTER MULLION
O	2'4"	FIXED FULL ROUND

Sq Footage
9/10/02

Basement Heated	883 Sq.Ft.
First Floor Heated	2726 Sq.Ft.
Second Floor Heated	1341 Sq.Ft.
Total Heated	5050 Sq.Ft.
Basement Unfinished	1631 Sq.Ft.
Garage	782 Sq.Ft.
Front Porch	112 Sq.Ft.
Covered Terrace	867 Sq.Ft.
Total Under Roof	7442 Sq.Ft.

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A New Residence By DIENST Custom Homes
The Point Lot 233

SEAL

DRAWN BY: Cameron Taylor
DATE: September 10, 2002

DRAWING TITLE
UPPER LEVEL FLOOR PLAN

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

SHEET NO
7
OF 18 SHEETS