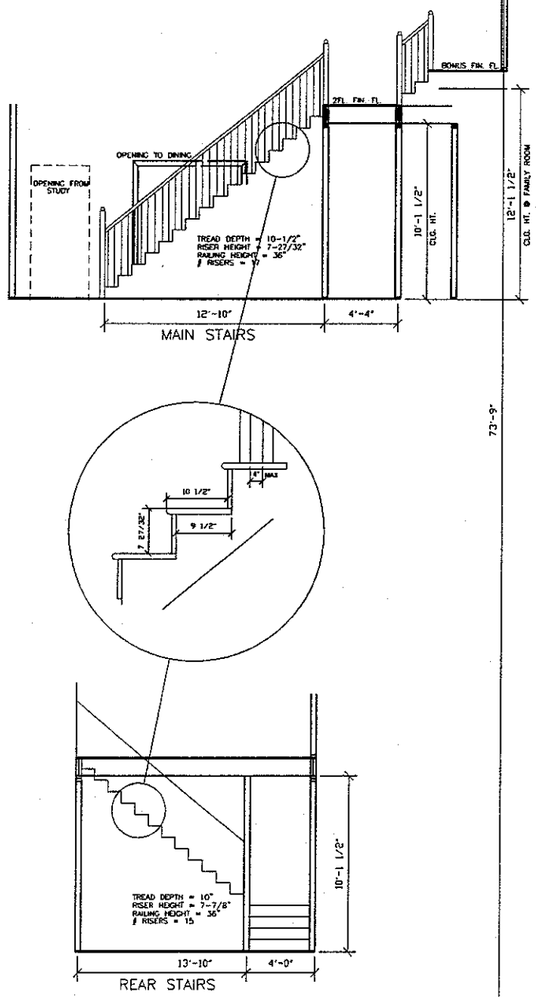
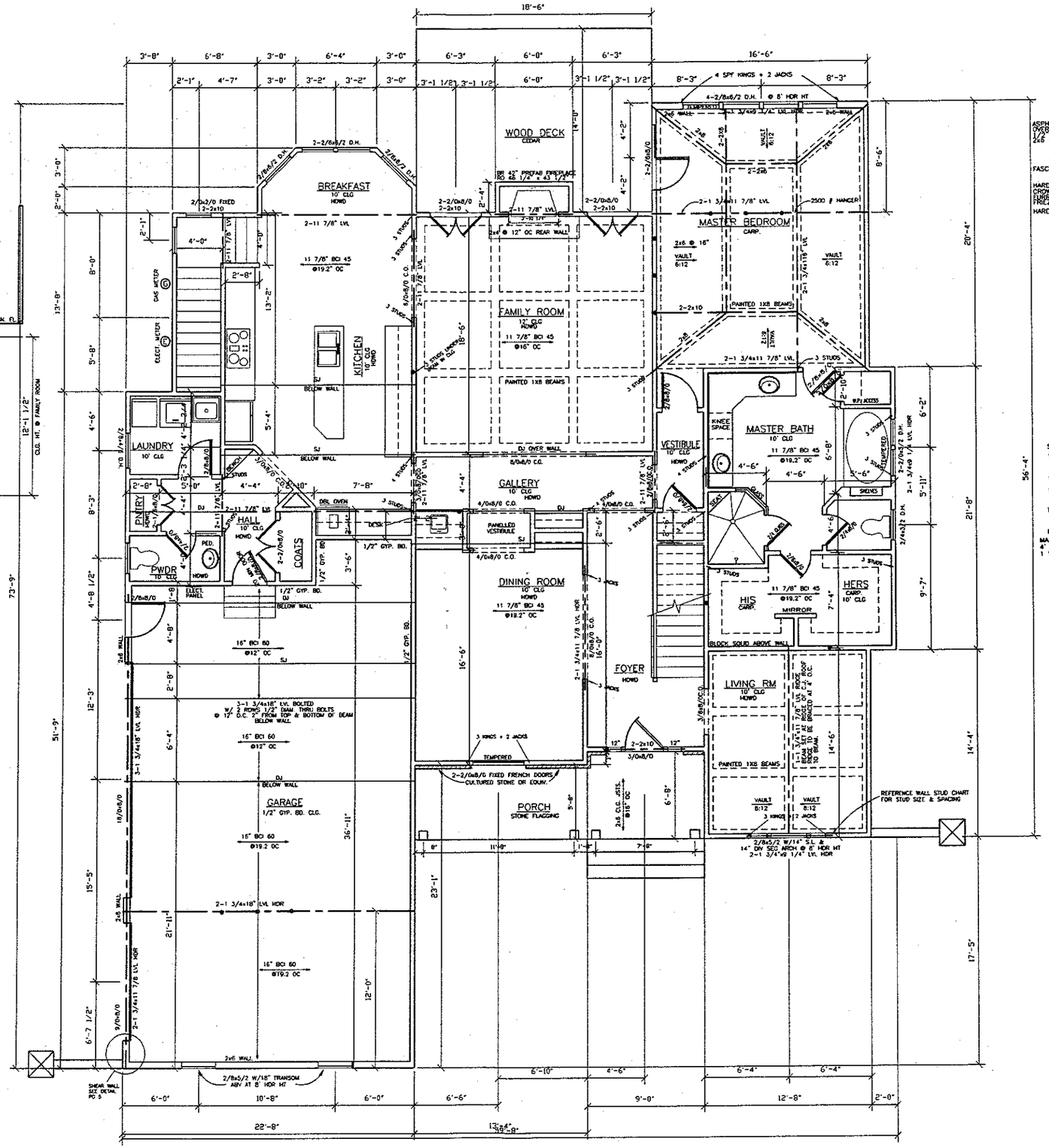
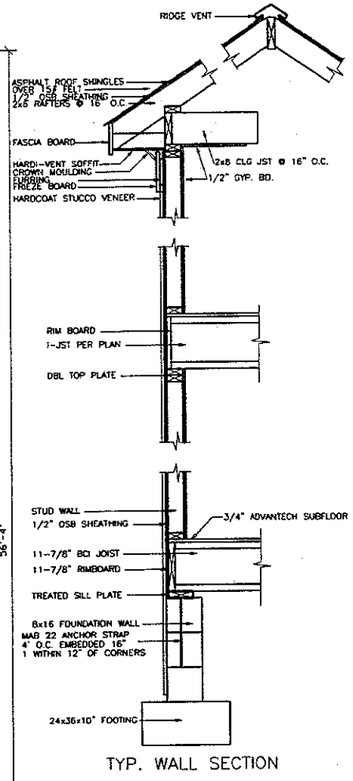






TYP. WALL SECTION

WALL STUD REQUIREMENTS	
EXT. WALL HT. (h)	STUD SIZE & SPACING
h≤10'-0"	2x4 @ 16" O/C
10'-0"<h≤11'-0"	2x4 @ 12" O/C
11'-0"<h≤18'-0"	2x6 @ 16" O/C
h>18'-0"	CONSULT ENGINEER

SQUARE FOOTAGE

FIRST FLOOR	2,373
SECOND FLOOR	1,858
TOTAL HEATED	4,231
FRONT PORCH	130
GARAGE	858
TOTAL UNDER ROOF	5,219

INSULATION:
CRAWL R19
WALLS R15
CEILINGS R30

DIENST CUSTOM HOMES
9606-A CALDWELL COMMONS CIR.
CORNELIUS, NC 28031

LOT 650 THE POINT
FIRST FLOOR PLAN

DRAWN BY
J.FELLOWS

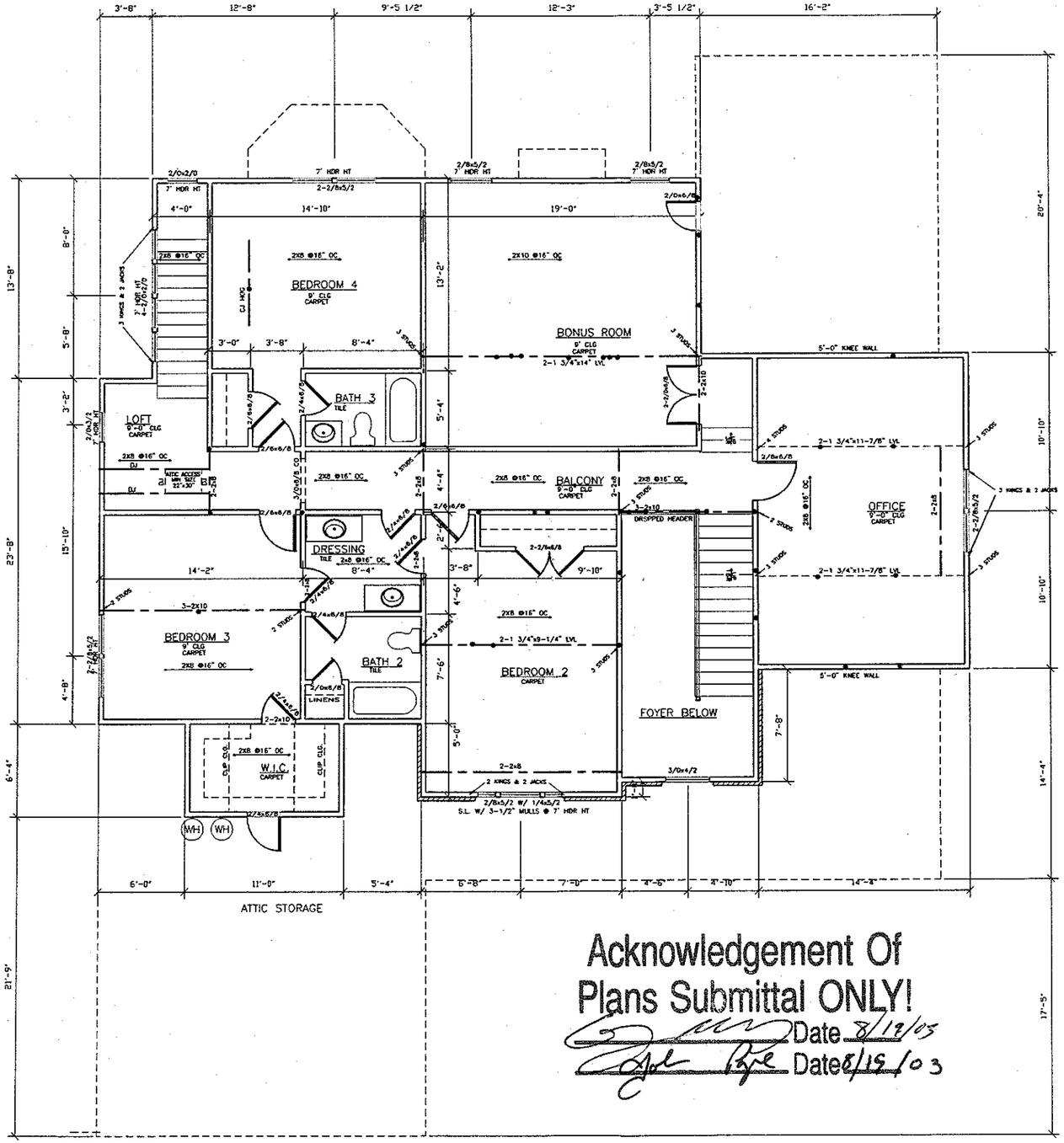
CHECKED BY
JOCELYN DIENS

FILE
HG73-1FL

SCALE
1/4"=1'-0"

DATE
1/13/13

SHEET NO.
4
OF 11

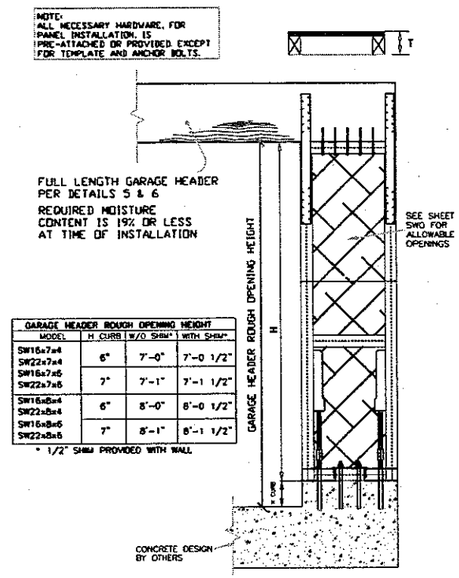


Acknowledgement Of
Plans Submittal ONLY!

Date 8/19/03

Date 8/15/03

NOTE:
ALL NECESSARY HARDWARE FOR PANEL INSTALLATION IS PRE-ATTACHED OR PROVIDED EXCEPT FOR TEMPLATE AND ANCHOR BOLTS.



GARAGE HEADER ROUGH OPENING HEIGHT			
MODEL	H CURB	W/O SHIM*	WITH SHIM*
SW16x7x4	6"	7'-0"	7'-0 1/2"
SW22x7x4			
SW16x7x5	7"	7'-1"	7'-1 1/2"
SW22x7x5			
SW16x8x4	6"	8'-0"	8'-0 1/2"
SW22x8x4			
SW16x8x5	7"	8'-1"	8'-1 1/2"
SW22x8x5			

* 1/2" SHIM PROVIDED WITH WALL

GARAGE PORTAL WALL TABLE

MODEL SEI UP	W (in)	H (in)	T (in)	NUMBER OF FASTENERS IN TOP OF WALL	NUMBER OF HOLDOWN ANCHOR BOLTS	NUMBER OF HOLDOWN ANCHOR BOLTS	ASSEMBLED WALL Ø". (lbs)
SW16x7x4	16	78	4	8-SDS 1/4x6	2-5/8"ø	2-STB838	90
SW16x7x5	16	78	5.75	8-SDS 1/4x6	2-5/8"ø	2-STB838	112
SW16x8x4	16	90	4	8-SDS 1/4x5	2-5/8"ø	2-STB838	95
SW16x8x5	16	90	5.75	8-SDS 1/4x6	2-5/8"ø	2-STB838	120
SW22x7x4	22	78	4	10-SDS 1/4x6	2-5/8"ø	2-STB838	99
SW22x7x5	22	78	5.75	10-SDS 1/4x6	2-5/8"ø	2-STB838	117
SW22x8x4	22	90	4	10-SDS 1/4x6	2-5/8"ø	2-STB838	105
SW22x8x5	22	90	5.75	10-SDS 1/4x6	2-5/8"ø	2-STB838	130

PORTAL WALL SPECIFICATIONS

1. STRONG-WALL SHEARWALL IS MANUFACTURED AND TRADEMARKED BY "SIMPSON STRONG-TIE COMPANY, INC.", HOME OFFICE: 4120 DUBLIN BLVD., #400 DUBLIN, CA 94568 TEL: (800) 999-5099, FAX: (925) 875-0826 "SIMPSON STRONG-TIE COMPANY, INC." IS AN ISO 9001 REGISTERED COMPANY.
2. INSTALLATION OF PRODUCT SHALL BE DONE IN STRICT CONFORMANCE TO THESE DRAWINGS AND THE STRONG-WALL™ INSTALLATION GUIDE, T-SWGUIDE. MODIFICATIONS TO THIS PRODUCT AND ASSOCIATED SYSTEMS OR CHANGES IN THE INSTALLATION METHODS SHOWN ON THESE DRAWINGS AND THE INSTALLATION GUIDE SHOULD ONLY BE MADE BY A QUALIFIED ARCHITECT, CIVIL, OR STRUCTURAL ENGINEER. THE PERFORMANCE OF SUCH MODIFIED PRODUCTS OR ALTERED INSTALLATION PROCEDURES IS THE SOLE

   FOR FURTHER INFORMATION.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, ELEVATIONS, ETC. PRIOR TO INSTALLATION OF ANY COMPONENTS FOR THE STRONG-WALL SYSTEM. IF ANY DISCREPANCIES ARE FOUND, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ARCHITECT, PROJECT ENGINEER OR BUILDING DESIGNER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL VERIFY THE POSITION OF THE STRONG-WALL IN RELATION TO THE REST OF THE BUILDING SYSTEM AS SHOWN ON THE PROJECT DRAWINGS.
5. USE OF THIS PRODUCT IS SUBJECT TO THE APPROVAL OF THE LOCAL BUILDING OFFICIAL.
6. THE BUILDING STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE UNIFORM BUILDING CODE AND ANY OTHER LOCAL, STATE OR FEDERAL REQUIREMENTS THAT MAY APPLY. VERIFY DESIGN REQUIREMENTS WITH THE LOCAL BUILDING DEPARTMENT.
7. THIS PRODUCT IS PART OF THE OVERALL LATERAL FORCE RESISTING SYSTEM OF THE STRUCTURE. DESIGN OF THE BUILDING'S LATERAL FORCE RESISTING SYSTEM, INCLUDING A COMPLETE LOAD PATH NECESSARY TO TRANSFER LATERAL FORCES FROM THE STRUCTURE TO THE GROUND, IS THE RESPONSIBILITY OF THE DESIGNER.
8. SIMPSON STRONG-TIE COMPANY, INC. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS, DESIGNS AND MODELS WITHOUT NOTICE OR LIABILITY FOR SUCH CHANGES.
9. ALL HARDWARE CALLED OUT IS SIMPSON STRONG-TIE.

DIENST CUSTOM HOMES
9606-A CALDWELL COMMONS CIR.

LOT 650 THE POINT
PLAN

DRAWN BY
J.FELLOW

CHECKED B
JOCELYN DIE

FILE
HG73-2

SCALE
1/4"=1'-0"

DATE
1/13/0

SHEET NO.
5
OF 11