

**GENERAL NOTE:**  
REFER TO DWG S1.3 FOR TYPICAL SECTION CALL OUTS.

**ROOF FRAMING PLAN (T.O. SHEATHING = 255.92')**  
SCALE: 1/8" = 1'-0"

- NOTES:**
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALL TYPES AND WALL LAYOUT DIMENSIONS.
  - ALL FRAMING (STUDS, JOISTS, TRUSSES) SHALL BE SPACED AT 24" O.C. (U.N.O.C.).
  - ALL STUDS SHALL BE ALIGNED WITH 14" TRUSSES. ADD ADDITIONAL STUDS IN THE FIELD AS REQUIRED TO COMPLY WITH THIS REQUIREMENT.
  - 14" P.C. TRUSSES STAND FOR "PARALLEL CHORD" TRUSSES WITH FLAT TOP & BOTTOM CHORDS.
  - SHEATHING SHALL BE 3/8" ADVANTAGE SHEATHING BY HUBER WOODS (GLUED & NAILED).
  - ALL WALLS SHOWN ON THIS PLAN ARE LOCATED "BELOW" THIS FRAMING LEVEL.
  - ROOF PITCH TO ROOF DRAINS TO BE PROVIDED BY MEANS OF TAPERED INSULATION (REF. ARCH DWGS).
  - ADJUST FRAMING LOCATION AND PROVIDE ADD'L BLOCKING AS REQUIRED AT ROOF DRAIN LOCATIONS.

BEARING WALL SCHEDULE				
MARK	1ST FLOOR	2ND FLOOR	3RD FLOOR	4TH FLOOR
W1	2x6 SPF MSR 1650F-1.5E (2 ROWS OF BLOCKING)	2x6 SPF S.S. (2 ROWS OF BLOCKING)	2x6 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x6 SPF NO.1/NO.2 (1 ROW OF BLOCKING)
W2	2x4 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x4 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x4 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x4 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)
W3	2x6 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x6 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x6 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)	2x6 SPF NO.1/NO.2 (2 ROWS OF BLOCKING)
W4	2x6 SPF NO.1/NO.2 (REF. SHEARWALL SCHEDULE)	2x6 SPF NO.1/NO.2 (REF. SHEARWALL SCHEDULE)	2x6 SPF NO.1/NO.2 (REF. SHEARWALL SCHEDULE)	2x6 SPF NO.1/NO.2 (REF. SHEARWALL SCHEDULE)
W5	2x6 SPF NO.1/NO.2 (1 ROW OF BLOCKING)	2x6 SPF NO.1/NO.2 (1 ROW OF BLOCKING)	2x6 SPF NO.1/NO.2 (1 ROW OF BLOCKING)	2x6 SPF NO.1/NO.2 (1 ROW OF BLOCKING)

**NOTES:**

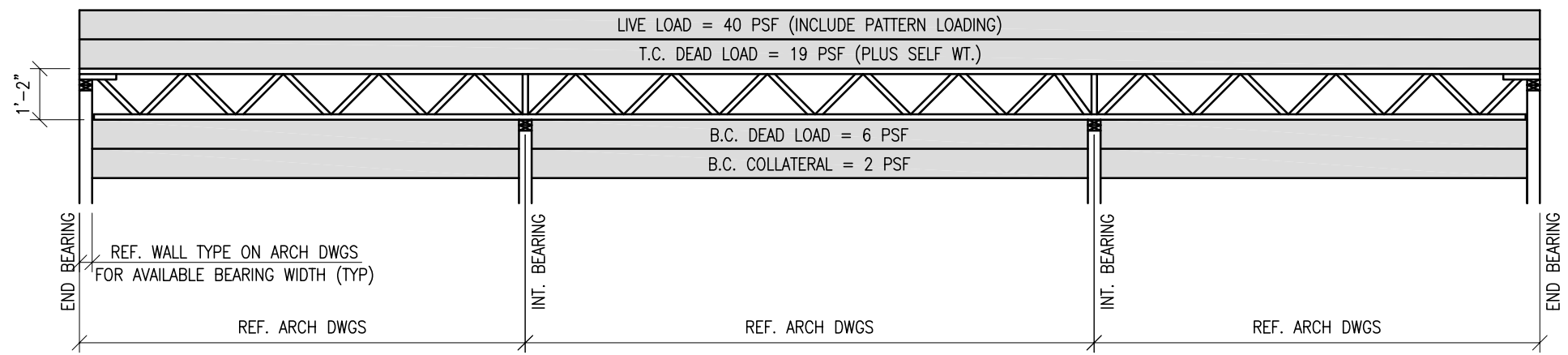
- WALL TYPE W2 IS A DOUBLE WALL WITH ONE WALL RECEIVING (2) ROWS OF BLOCKING AND THE OTHER WALL RECEIVING BLOCKING & SHEATHING PER SHEARWALL SCHEDULE.

HEADER SCHEDULE			
MARK	SIZE	HEADER DETAIL	JAMB CONSTRUCTION
H1	(3) 2x6 W/1" PLYWOOD SPACER	A/S3.2	(1) JACK, (2) CONT. (1ST FLOOR ONLY) (1) JACK, (1) CONT. (REMAINING FLOORS)
H2	(3) 2x10 W/1" PLYWOOD SPACER	A/S3.2	(1) JACK, (2) CONT. (1ST & 2ND FLOOR) (1) JACK, (1) CONT. (3RD & 4TH FLOOR)
H3	(3) 2x8 W/1" PLYWOOD SPACER	A/S3.2	(1) JACK, (1) CONT. (ALL FLOORS)
H4	(3) 2x4 W/1" PLYWOOD SPACER	A/S3.2	(1) JACK, (1) CONT. (ALL FLOORS)
H5	(2) 2x6 LAMB FLAT	C/S3.2	(1) JACK, (1) CONT. (ALL FLOORS)
H6	(2) 2x6 W/2" RIGID INSUL.	B/S3.2	(1) JACK, (1) CONT. (ALL FLOORS)

POST/COLUMN SCHEDULE		
MARK	SIZE	COMMENTS
C1	(3) 2x6	(1) JACK, (2) CONT.
C2	(2) 2x6	(1) JACK, (1) CONT.
C3	(3) 2x6	N/A
C4	(3) 2x6	N/A
C5	HSS3"x3"x1/8"	N/A
C6	HSS5"x5"x1/4"	N/A

SHEARWALL SCHEDULE										
MARK	TIEDOWN SYSTEM (NOTE 1)	1ST FLOOR		2ND FLOOR		3RD FLOOR		4TH FLOOR		SHEATHING
		END POSTS	NAILING PATTERN	END POSTS	NAILING PATTERN	END POSTS	NAILING PATTERN	END POSTS	NAILING PATTERN	
SW1	ATS TDS41	(2) 2x6	10d @ 2' o/c	(2) 2x6	10d @ 4' o/c	(2) 2x6	10d @ 6' o/c	(2) 2x6	10d @ 6' o/c	15/32" (1)
SW2	ATS TDS41	(6) 2x4	10d @ 2' o/c	(4) 2x4	10d @ 3' o/c	(2) 2x4	10d @ 6' o/c	(2) 2x4	10d @ 6' o/c	15/32" (1)
SW3	ATS TDS41	(6) 2x4	10d @ 3' o/c	(4) 2x4	10d @ 4' o/c	(2) 2x4	10d @ 6' o/c	(2) 2x4	10d @ 6' o/c	15/32" (1)
SW4	ATS TDS41	(6) 2x4	10d @ 2' o/c	(4) 2x4	10d @ 4' o/c	(2) 2x4	10d @ 6' o/c	(2) 2x4	10d @ 6' o/c	15/32" (1)
SW5	NOT REQUIRED	N/A	10d @ 6' o/c	N/A	10d @ 6' o/c	N/A	10d @ 6' o/c	N/A	10d @ 6' o/c	15/32" (1)

- NOTES:**
- TIE-DOWN SYSTEMS BY SIMPSON STRONG TIE.
  - ALL SHEATHING SHALL BE APA RATED SHEATHING.
  - REFER TO DRAWING S3.2 FOR TYPICAL SHEARWALL DETAILS.
  - ALL FIELD NAILING SHALL BE 10d NAILS @ 12" O.C.
  - NAILS SHALL BE STAGGERED AT PANEL EDGES WHEN NAILS ARE SPACED 3' O.C. OR LESS.
  - PROVIDE BLOCKING AT ALL PANEL EDGES. BLOCKING SHALL BE 4x4 WHERE NAILS ARE SPACED AT 3' O.C. OR LESS.
  - END POSTS LISTED IN TABLE ARE THE TOTAL NUMBER OF POSTS REQUIRED AND SHOULD BE CENTERED ON TIE-DOWN LOCATION PER TIEDOWN MANUFACTURER'S DETAILS. (I.E. (2) 2x6 = (1) 2x6 EA. SIDE OF TIEDOWN)



**TYPICAL ROOF TRUSS LOADING DIAGRAM**  
SCALE: N.T.S.

- NOTES:**
- TRUSS DESIGNER TO DESIGN AND DETAIL STRONGBACKS AS REQ'D.
  - TRUSS DESIGNER TO DESIGN AND DETAIL REQ'D BOTTOM CHORD BRACING AT ALL NEGATIVE MOMENT REGIONS.
  - TOP CHORD SHALL BE ASSUMED TO BE FULLY BRACED BY SHEATHING.
  - LIVE LOAD DEFLECTION CRITERIA = SPAN/360

LIST OF STRUCTURAL DRAWINGS	
DWG NO.	DWG TITLE
S0.1	STANDARD STRUCTURAL NOTES
S1.1	FOUNDATION PLAN
S1.2	1ST FLOOR FRAMING PLAN
S1.3	2ND FLOOR FRAMING PLAN
S1.4	3RD FLOOR FRAMING PLAN
S1.5	4TH FLOOR FRAMING PLAN
S1.6	ROOF FRAMING PLAN
S2.1	STRUCTURAL SECTIONS
S2.2	STRUCTURAL SECTIONS
S2.3	STRUCTURAL SECTIONS
S3.1	STANDARD STRUCTURAL DETAILS
S3.2	STANDARD STRUCTURAL DETAILS

**HARDY STRUCTURAL ENGINEERING, LLC**  
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WWW.HARDY.ENG

DATE: \_\_\_\_\_

REVISIONS:

**ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

**CITY'S EDGE**  
SOUTH BURLINGTON VERMONT

**Rabideau Architects, Inc.**  
299 College Street  
Burlington, Vermont 05401  
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SHEET NUMBER

**S1.6**

DATE: 2/13/04

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