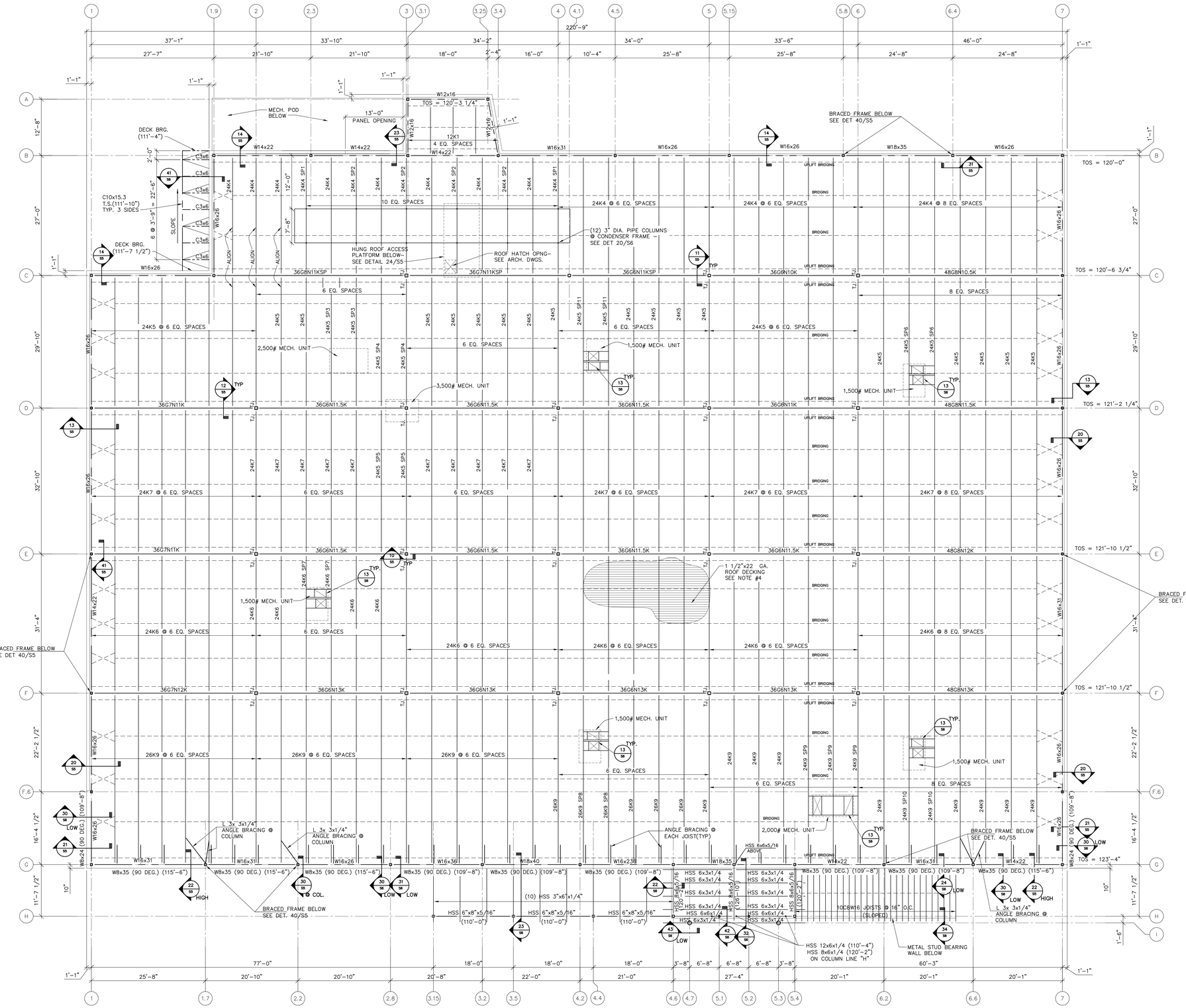

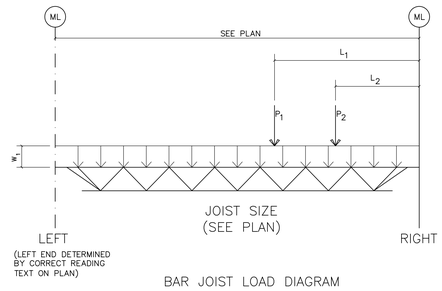

BAR JOIST LOAD DIAGRAM

DESIGNATION	UNIFORM LOAD	DRIFT LOAD		CONCENTRATED LOAD		LOCATION	
	W_1 (PLF)	W_D (PLF)	L_D (FT)	P_1 (LBS)	P_2 (LBS)	L_1 (FT)	L_2 (FT)
24K4 SP1	360			1000	1000	21'-8"	14'-0"
24K4 SP2	360			1800	1800	21'-8"	14'-0"
24K5 SP3	360			1250	1250	21'-11"	16'-5"
24K5 SP4	360			1750	1750	–	27'-11"
24K5 SP5	360			1750	1750	3'-1"	–
24K6 SP6	360			900	900	27'-4"	19'-11"
26K9 SP7	360			900	900	15'-0"	7'-7"
26K9 SP8	360			900	900	15'-8"	8'-3"
26K9 SP9	360			1000	1000	27'-9"	22'-10"
24K5 SP10	360			900	900	17'-4"	9'-11"
24K5 SP11	360			900	900	21'-9"	14'-4"

ROOF FRAMING NOTES:

1. SEE GENERAL NOTES SHEET S1.
2. HORIZONTAL AND CROSS BRIDGING CONTINUES FULL LENGTH OF BUILDING (DETAIL. 10/S6).
3. TOP OF STEEL (TOS) = TOP OF JOIST GIRDER & BEAMS.
4. ROOF DECK SHALL BE 1-1/2" 22 GA. "B" DECK PAINTED. SEE DETAIL 12/S6 FOR FASTENING.
5. SECTIONS AND DETAILS SHOWN SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
6. PROVIDE L 1 1/4"x1 1/4"x7/64" BRIDGING AS SHOWN ON PLAN. ALL BRIDGING SHALL BE CONTINUOUS.
7. PROVIDE L 1 1/4"x1 1/4"x7/64" BOTTOM CORD "UPLIFT BRIDGING. AT THE FIRST PANEL POINT OF JOISTS AS SHOWN ON PLAN.
8. ROOF FRAMING IS SUBJECT TO THE FOLLOWING UPLIFT WIND LOADS (MINUS DESIGN MEMBERS WEIGHT). JOIST AND JOIST GIRDERS TO BE CHECKED FOR A NET UPLIFT LOAD AS FOLLOWS:
   OVERALL ROOF----------20 P.S.F. 10' WIDE PERIMETER STRIP ----------28 P.S.F. 10' SQ. CORNER AREAS----------28 P.S.F.
9. ONE ROW OF MID-SPAN BRIDGING SHALL BE IN PLACE AND BOLTED BEFORE SLACKENING, HOISTING LINES AT ALL JOISTS LONGER THAN 40' TYPICAL.
10. USE ASTM A992 FOR ALL STEEL BEAM SECTIONS & ASTM A36 FOR REMAINING SECTIONS.

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NO	REVISIONS	BY	DATE

NO	REVISIONS	BY	DATE
0	ISSUED FOR CONSTRUCTION	WPF	08/30/04

PROJECT TITLE
Hannaford Food & Drug
RIVERSIDE STREET
PORTLAND, MAINE

SHEET TITLE
ROOF FRAMING PLAN

scale	1/8" = 1'
design	JGM
drawn	KWH
checked	WPF/ALLIED
proj mgr	LAW
date	11 JUNE 2004

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S4
proj no. -

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