Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 080937

This is to certify that KOMBAKIS PANAGIOTI[illegible] RALLOU KOMBAKIS JTS [illegible]R Sti

has permission to Amend permit# 080773 to e[illegible]ose porc[illegible]nd use [illegible]addition: [illegible]pace for Kitchen addition

AT 410 ALLEN AVE [illegible]L 375 C034001

provided that the person or persons [illegible]rm or [illegible]tion a[illegible]epting this permit shall comply with all of the provisions of the Statutes of [illegible]aine and of the O[illegible]nances of the City of Portland regulating the construction, maintenance and [illegible]e of buildings and [illegible]uctures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

[illegible]ification [illegible]f inspe[illegible]on mus[illegible]e [illegible]en and w[illegible]en perm[illegible]on proc[illegible]d [illegible]ore this [illegible]ilding o[illegible]rt there[illegible]s [illegible]ed or [illegible]erwi[illegible]osed-in[illegible]4 [illegible]UR NO[illegible]REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

PERMIT ISSUED

SEP 2 2008

CITY OF PORTLAND

Department Name

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

9/31/08

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Issue Date:	CBL:
08-0937	7/31/08	375 C034001

Location of Construction:	Owner Name:	Owner Address:	Phone:
410 ALLEN AVE	KOMBAKIS PANAGIOTIS & RA	410 ALLEN AVE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	K R Stiffler Construction	32 Tandbury Trail Windham	2074007140
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Additions - Dwellings	

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Single Family Home	Single Family Home - Amend permit# 080773 to enclose porch and use as additional space for Kitchen addition	$150.00	$13,000.00	5

FIRE DEPT: ☐ Approved ☐ Denied

Signature:

INSPECTION:
Use Group: R-3 Type: 5B
IRC-2003

Signature: 7/31/08

Proposed Project Description:
Amend permit# 080773 to enclose porch and use as additional space for Kitchen addition

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
ldobson	07/30/2008

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland	☐ Variance	☐ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone	☐ Conditional Use	☐ Requires Review
☐ Subdivision O.K.	☐ Interpretation	☐ Approved
☐ Site Plan	☐ Approved	☐ Approved w/Conditions
Maj ☐ Minor ☐ MM ☐	☐ Denied	☐ Denied
Date: 7/31/08	Date:	Date: 7/31/08

PERMIT ISSUED
SEP 3 2008
CITY OF PORTLAND

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
08-0937	07/30/2008	375 C034001

Location of Construction:	Owner Name:	Owner Address:	Phone:
410 ALLEN AVE	KOMBAKIS PANAGIOTIS & RAL	410 ALLEN AVE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	K R Stiffler Construction	32 Tandbury Trail Windham	(207) 400-7140
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Additions - Dwellings	

Proposed Use:	Proposed Project Description:
Single Family Home - Amend permit# 080773 to enclose porch and use as additional space for Kitchen addition	Amend permit# 080773 to enclose porch and use as additional space for Kitchen addition

Dept: Zoning **Status:** Approved **Reviewer:** Chris Hanson **Approval Date:** 07/31/2008

Note: **Ok to Issue:** ☑

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 07/31/2008

Note: **Ok to Issue:** ☑

1) Fastener schedule per the IRC 2003
2) The design load spec sheets for any engineered beam(s) / Trusses must be submitted to this office.
3) Separate permits are required for any electrical, plumbing, or HVAC systems.
   Separate plans may need to be submitted for approval as a part of this process.
4) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approrval prior to work.

Amendment to Permit # 08-0773

General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 410 Allen Ave		
Total Square Footage of Proposed Structure/Area: 66 59 A	Square Footage of Lot: 7500	Number of Stories: 1
Tax Assessor's Chart, Block & Lot — Chart#: 375 Block#: C Lot#: 34	Applicant *must be owner, Lessee or Buyer*: Name Steve Kontakis; Address 59 Oakley St; City, State & Zip Portland, Me 04103	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant): Name SAME; Address; City, State & Zip	Cost Of Work: $ ~~68,000~~ 13,000; C of O Fee: $; Total Fee: $

Current legal use (i.e. single family) SFR Number of Residential Units 1
If vacant, what was the previous use?
Proposed Specific use: SFR
Is property part of a subdivision? No If yes, please name
Project description: Removing porch and adding 5'6" addition to Kitchen

Contractor's name: K R Snyder Construction
Address: 32 Tandberg Trail
City, State & Zip Windham Me 04062 Telephone: 892-6006
Who should we contact when the permit is ready: John Medici Telephone: 400-7140
Mailing address: SAME

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

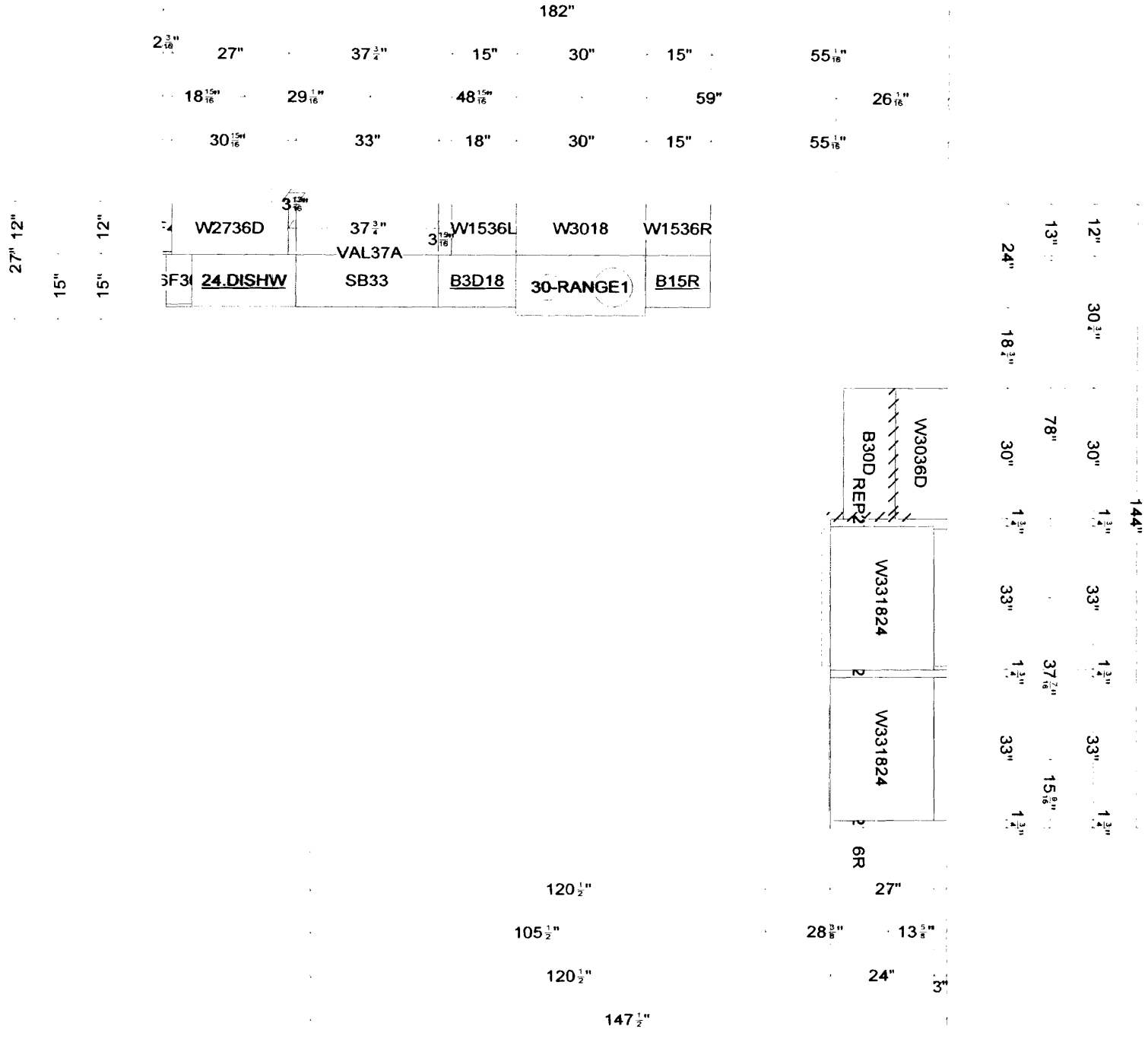
JUL 30 2008

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: Date: 7/30/08

This is not a permit; you may not commence ANY work until the permit is issue



All dimensions size designations given are subject to verification on job site and adjustment to fit job conditions.	20 TECHNOLOGIES	This is an original design and must not be released or copied unless applicable fee has been paid or job order placed.	Designed: 7/25/2008 Printed: 7/30/2008
floor plan Kombakis		All	Drawing #: 1

Allowable Uniform Loads — Floor 100%

2.0E G-P Lam® LVL

Span (Ft)		Allowable Uniform Loads* (In Pounds Per Lineal Foot)											
		1¾" Thick G-P Lam LVL Beams					3½" Thick G-P Lam LVL Beams						
	Condition	9¼"	9½"	11¼"	11⅞"	14"	9¼"	9½"	11¼"	11⅞"	14"	16"	18"
6'	Live Load L/360												
	Total Load	1028	1063	1325	1425	1576	2056	2127	2650	2849	3151	3149	3147
	Min. End / Int.Brg.(in.)	3.1 / 7.8	3.2 / 8.1	4.0 / 10.1	4.3 / 10.8	4.8 / 12.0	3.1 / 7.8	3.2 / 8.1	4.0 / 10.1	4.3 / 10.8	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0
8'	Live Load L/360	602	648				1204	1296					
	Total Load	723	746	916	979	1180	1446	1493	1831	1958	2360	2358	2356
	Min. End / Int.Brg.(in.)	2.9 / 7.4	3.0 / 7.6	3.7 / 9.3	4.0 / 10.0	4.8 / 12.0	2.9 / 7.4	3.0 / 7.6	3.7 / 9.3	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0
10'	Live Load L/360	323	348	558	648		646	696	1117	1296			
	Total Load	480	518	699	745	909	960	1035	1398	1490	1818	1884	1882
	Min. End / Int.Brg.(in.)	2.4 / 6.1	2.6 / 6.6	3.6 / 8.9	3.8 / 9.5	4.6 / 11.6	2.4 / 6.1	2.6 / 6.6	3.6 / 8.9	3.8 / 9.5	4.6 / 11.6	4.8 / 12.0	4.8 / 12.0
11'	Live Load L/360	246	266	428	498	782	492	531	857	996	1565		
	Total Load	365	394	599	664	809	730	788	1198	1328	1618	1711	1709
	Min. End / Int.Brg.(in.)	2.1 / 5.1	2.2 / 5.5	3.4 / 8.4	3.7 / 9.3	4.5 / 11.3	2.1 / 5.1	2.2 / 5.5	3.4 / 8.4	3.7 / 9.3	4.5 / 11.3	4.8 / 12.0	4.8 / 12.0
12'	Live Load L/360	192	207	335	391	617	383	414	671	781	1234		
	Total Load	283	306	498	557	729	566	612	995	1114	1457	1567	1565
	Min. End / Int.Brg.(in.)	1.7 / 4.4	1.9 / 4.7	3.1 / 7.6	3.4 / 8.5	4.5 / 11.2	1.7 / 4.4	1.9 / 4.7	3.1 / 7.6	3.4 / 8.5	4.5 / 11.2	4.8 / 12.0	4.8 / 12.0
13'	Live Load L/360	152	164	267	312	495	304	329	534	623	989	1429	
	Total Load	224	242	395	462	647	448	484	791	924	1295	1446	1444
	Min. End / Int.Brg.(in.)	1.5 / 3.8	1.6 / 4.1	2.6 / 6.6	3.1 / 7.7	4.3 / 10.7	1.5 / 3.8	1.6 / 4.1	2.6 / 6.6	3.1 / 7.7	4.3 / 10.7	4.8 / 12.0	4.8 / 12.0
14'	Live Load L/360	123	133	216	252	402	245	265	432	504	804	1166	
	Total Load	180	194	319	373	557	359	389	638	746	1115	1341	1339
	Min. End / Int.Brg.(in.)	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.7 / 6.7	4.0 / 10.0	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.7 / 6.7	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0
15'	Live Load L/360	100	108	177	207	331	201	217	354	414	662	963	
	Total Load	146	158	260	305	485	292	316	521	610	969	1251	1249
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.1	2.0 / 5.0	2.4 / 5.9	3.7 / 9.3	1.5 / 3.0	1.5 / 3.1	2.0 / 5.0	2.4 / 5.9	3.7 / 9.3	4.8 / 12.0	4.8 / 12.0
16'	Live Load L/360	83	90	147	172	276	166	180	294	344	551	804	1117
	Total Load	120	130	215	252	407	241	261	430	505	814	1096	1170
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.8 / 4.5	2.1 / 5.2	3.3 / 8.4	1.5 / 3.0	1.5 / 3.0	1.8 / 4.5	2.1 / 5.2	3.3 / 8.4	4.5 / 11.2	4.8 / 12.0
17'	Live Load L/360	70	75	123	144	232	139	150	246	288	464	678	944
	Total Load	100	108	180	211	341	200	217	359	422	682	969	1100
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.6 / 4.0	1.9 / 4.6	3.0 / 7.5	1.5 / 3.0	1.5 / 3.0	1.6 / 4.0	1.9 / 4.6	3.0 / 7.5	4.2 / 10.6	4.8 / 12.0
18'	Live Load L/360	59	64	104	122	197	117	127	209	244	393	577	804
	Total Load	84	91	151	178	289	168	182	303	355	577	850	1038
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.6	1.7 / 4.2	2.7 / 6.7	1.5 / 3.0	1.5 / 3.0	1.5 / 3.6	1.7 / 4.2	2.7 / 6.7	3.9 / 9.8	4.8 / 12.0
19'	Live Load L/360	50	54	89	104	168	100	108	178	209	337	494	691
	Total Load	71	77	128	151	246	142	154	257	302	492	726	967
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.2	1.5 / 3.8	2.4 / 6.1	1.5 / 3.0	1.5 / 3.0	1.5 / 3.2	1.5 / 3.8	2.4 / 6.1	3.6 / 8.9	4.7 / 11.8
20'	Live Load L/360	43	47	77	90	145	86	93	153	180	290	427	597
	Total Load	60	65	110	129	211	121	131	219	258	422	625	872
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.4	2.2 / 5.5	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.4	2.2 / 5.5	3.2 / 8.1	4.5 / 11.2
22'	Live Load L/360	32	35	58	68	110	65	70	116	136	220	324	455
	Total Load	44	48	82	96	158	89	97	163	193	317	471	666
	Min. End / Int.Brg.(in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.8 / 4.6	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.8 / 4.6	2.7 / 6.8	3.8 / 9.5
24'	Live Load L/360		27	45	53	85		54	90	105	170	252	354
	Total Load		36	62	73	121		73	124	147	243	363	515
	Min. End / Int.Brg.(in.)		1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.6 / 3.9		1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.6 / 3.9	2.3 / 5.7	3.2 / 8.1
26'	Live Load L/360			35	41	67			71	83	135	199	281
	Total Load			48	57	95			96	113	189	284	405
	Min. End / Int.Brg.(in.)			1.5 / 3.0	1.5 / 3.0	1.5 / 3.3			1.5 / 3.0	1.5 / 3.0	1.5 / 3.3	2.0 / 4.9	2.8 / 6.9
28'	Live Load L/360			28	33	54			57	67	108	160	226
	Total Load			37	44	75			75	89	150	226	323
	Min. End / Int.Brg.(in.)			1.5 / 3.0	1.5 / 3.0	1.5 / 3.0			1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.7 / 4.3	2.4 / 6.0

*Can be applied to the beam in addition to its own weight.

See notes on page 41.

KEY TO TABLES

Live Load L/360 = Maximum live load — limits deflection to L/360

Total Load = Maximum total load — limits deflection to L/240

Min. End / Int. Brg. (in.) = Required minimum end bearing for simple or multiple span beams and minimum interior bearing for multiple span beams based on plate bearing stress of 565 psi. See note 9 page 41.

Allowable Uniform Loads — Floor 100%

2.0E G-P Lam® LVL

Span (Ft)	Condition	Allowable Uniform Loads* (In Pounds Per Lineal Foot)												
		5¼" Thick G-P Lam LVL Beams							7" Thick G-P Lam LVL Beams					
		9¼"	9½"	11¼"	11⅞"	14"	16"	18"	9¼"	9½"	11¼"	11⅞"	14"	16"	18"
6′	Live Load L/360														
	Total Load	3085	3190	3975	4274	4727	4724	4721	4112	4254	5300	5698	6302	6298	6294
	Min. End / Int.Brg. (in.)	3.1 / 7.8	3.2 / 8.1	4.0 / 10.1	4.3 / 10.8	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0	3.1 / 7.8	3.2 / 8.1	4.0 / 10.1	4.3 / 10.8	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0
8′	Live Load L/360	1806	1944						2408	2592					
	Total Load	2169	2239	2747	2937	3540	3537	3534	2892	2986	3662	3916	4720	4716	4712
	Min. End / Int.Brg. (in.)	2.9 / 7.4	3.0 / 7.6	3.7 / 9.3	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0	2.9 / 7.4	3.0 / 7.6	3.7 / 9.3	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0	4.8 / 12.0
10′	Live Load L/360	968	1044	1675	1944				1292	1392	2234	2592			
	Total Load	1440	1553	2097	2235	2728	2825	2822	1920	2070	2796	2980	3636	3768	3764
	Min. End / Int.Brg. (in.)	2.4 / 6.1	2.6 / 6.6	3.6 / 8.9	3.8 / 9.5	4.6 / 11.6	4.8 / 12.0	4.8 / 12.0	2.4 / 6.1	2.6 / 6.6	3.6 / 8.9	3.8 / 9.5	4.6 / 11.6	4.8 / 12.0	4.8 / 12.0
11′	Live Load L/360	738	797	1285	1494	2347			984	1062	1714	1992	3130		
	Total Load	1094	1182	1797	1991	2427	2567	2564	1460	1576	2396	2656	3236	3422	3418
	Min. End / Int.Brg. (in.)	2.1 / 5.1	2.2 / 5.5	3.4 / 8.4	3.7 / 9.3	4.5 / 11.3	4.8 / 12.0	4.8 / 12.0	2.1 / 5.1	2.2 / 5.5	3.4 / 8.4	3.7 / 9.3	4.5 / 11.3	4.8 / 12.0	4.8 / 12.0
12′	Live Load L/360	575	621	1006	1172	1851			766	828	1342	1562	2468		
	Total Load	850	918	1493	1671	2186	2351	2348	1132	1224	1990	2228	2914	3134	3130
	Min. End / Int.Brg. (in.)	1.7 / 4.4	1.9 / 4.7	3.1 / 7.6	3.4 / 8.5	4.5 / 11.2	4.8 / 12.0	4.8 / 12.0	1.7 / 4.4	1.9 / 4.7	3.1 / 7.6	3.4 / 8.5	4.5 / 11.2	4.8 / 12.0	4.8 / 12.0
13′	Live Load L/360	456	493	801	935	1484	2143		608	658	1068	1246	1978	2858	
	Total Load	672	726	1186	1385	1942	2168	2165	896	968	1582	1848	2590	2892	2888
	Min. End / Int.Brg. (in.)	1.5 / 3.8	1.6 / 4.1	2.6 / 6.6	3.1 / 7.7	4.3 / 10.7	4.8 / 12.0	4.8 / 12.0	1.5 / 3.8	1.6 / 4.1	2.6 / 6.6	3.1 / 7.7	4.3 / 10.7	4.8 / 12.0	4.8 / 12.0
14′	Live Load L/360	368	398	648	757	1206	1749		490	530	864	1008	1608	2332	
	Total Load	539	583	957	1119	1672	2012	2009	718	778	1276	1492	2230	2682	2678
	Min. End / Int.Brg. (in.)	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.7 / 6.7	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.7 / 6.7	4.0 / 10.0	4.8 / 12.0	4.8 / 12.0
15′	Live Load L/360	301	325	531	621	993	1445		402	434	708	828	1324	1926	
	Total Load	438	475	781	915	1454	1876	1873	584	632	1042	1220	1938	2502	2498
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.1	2.0 / 5.0	2.4 / 5.9	3.7 / 9.3	4.8 / 12.0	4.8 / 12.0	1.5 / 3.0	1.5 / 3.1	2.0 / 5.0	2.4 / 5.9	3.7 / 9.3	4.8 / 12.0	4.8 / 12.0
16′	Live Load L/360	249	269	441	516	827	1206	1675	332	360	588	688	1102	1608	2234
	Total Load	361	391	646	757	1221	1644	1755	482	522	860	1010	1628	2192	2340
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.8 / 4.5	2.1 / 5.2	3.3 / 8.4	4.5 / 11.2	4.8 / 12.0	1.5 / 3.0	1.5 / 3.0	1.8 / 4.5	2.1 / 5.2	3.3 / 8.4	4.5 / 11.2	4.8 / 12.0
17′	Live Load L/360	209	225	370	433	695	1017	1416	278	300	492	576	928	1356	1888
	Total Load	300	325	539	632	1024	1454	1650	400	434	718	844	1364	1938	2200
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.6 / 4.0	1.9 / 4.6	3.0 / 7.5	4.2 / 10.6	4.8 / 12.0	1.5 / 3.0	1.5 / 3.0	1.6 / 4.0	1.9 / 4.6	3.0 / 7.5	4.2 / 10.6	4.8 / 12.0
18′	Live Load L/360	176	191	313	366	590	865	1206	234	254	418	488	786	1154	1608
	Total Load	251	273	454	533	866	1275	1557	336	364	606	710	1154	1700	2076
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.6	1.7 / 4.2	2.7 / 6.7	3.9 / 9.8	4.8 / 12.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.6	1.7 / 4.2	2.7 / 6.7	3.9 / 9.8	4.8 / 12.0
19′	Live Load L/360	150	163	267	313	505	741	1036	200	216	356	418	674	988	1382
	Total Load	213	231	385	453	738	1090	1451	284	308	514	604	984	1452	1934
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.2	1.5 / 3.8	2.4 / 6.1	3.6 / 8.9	4.7 / 11.8	1.5 / 3.0	1.5 / 3.0	1.5 / 3.2	1.5 / 3.8	2.4 / 6.1	3.6 / 8.9	4.7 / 11.8
20′	Live Load L/360	129	140	230	269	435	640	896	172	186	306	360	580	854	1194
	Total Load	181	196	329	388	633	938	1307	242	262	438	516	844	1250	1744
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.4	2.2 / 5.5	3.2 / 8.1	4.5 / 11.2	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.4	2.2 / 5.5	3.2 / 8.1	4.5 / 11.2
22′	Live Load L/360	97	105	174	204	330	486	683	130	140	232	272	440	648	910
	Total Load	133	145	245	289	475	707	999	178	194	326	386	634	942	1332
	Min. End / Int.Brg. (in.)	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.8 / 4.6	2.7 / 6.8	3.8 / 9.5	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.8 / 4.6	2.7 / 6.8	3.8 / 9.5
24′	Live Load L/360		81	134	158	256	378	531		108	180	210	340	504	708
	Total Load		109	186	220	364	544	772		146	248	294	486	726	1030
	Min. End / Int.Brg. (in.)		1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.6 / 3.9	2.3 / 5.7	3.2 / 8.1		1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.6 / 3.9	2.3 / 5.7	3.2 / 8.1
26′	Live Load L/360			106	124	202	299	421			142	166	270	398	562
	Total Load			143	170	284	426	607			192	226	378	568	810
	Min. End / Int.Brg. (in.)			1.5 / 3.0	1.5 / 3.0	1.5 / 3.3	2.0 / 4.9	2.8 / 6.9			1.5 / 3.0	1.5 / 3.0	1.5 / 3.3	2.0 / 4.9	2.8 / 6.9
28′	Live Load L/360			85	100	163	241	340			114	134	216	320	452
	Total Load			112	133	224	339	484			150	178	300	452	646
	Min. End / Int.Brg. (in.)			1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.7 / 4.3	2.4 / 6.0			1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	1.7 / 4.3	2.4 / 6.0

*Can be applied to the beam in addition to its own weight.

See notes on page 41.

KEY TO TABLES

Live Load L/360 = Maximum live load — limits deflection to L/360

Total Load = Maximum total load — limits deflection to L/240

Min. End / Int. Brg. (in.) = Required minimum end bearing for simple or multiple span beams and minimum interior bearing for multiple span beams based on plate bearing stress of 565 psi. See note 9 page 41.