City of Portland, Maine – Building Location of Construction:	Owner:		Phone:		
71 Central Ave. Peaks 04108			-2062	Permit No:	
Owner Address:	Dean Kamp Lessee/Buyer's Name:	Phone:		ssName:	001022
Same					
Contractor Name: Horizon Builders Inc.	Address: P.O. Box 802 Portland	04101 Ph	one:		Permit Issued:
Past Use:	Proposed Use:	COST OF WO	ORK:	PERMIT FEE:	SEP 14
Single	Same	\$ ø		\$-30-00- Ø per	
		FIRE DEPT.	☐ Approved	INSPECTION:	
			☐ Denied	Use Group 93 Type: 57	
				BOC 299/01	Zone: CBL: 087-GG-003
Proposed Project Description:		Signature:	I A CTIVITI	Signature: Affice. ES DISTRICT (P.A.D.)	Zoning Approvat
Amend Permit # 000903	VO WOLK STARTES	Action:	Approved	<i>Y.JI. J.</i> ′	of wy handy
before Amend.		Action.		with Conditions:	Special Zulle of Reviews.
1001 - 75072			Denied		
					□ Flood Zone 9/13/0
		Signature:		Date:	☐ Subdivision
Permit Taken By:	Date Applied For:	. 00 0000			☐ Site Plan maj ☐minor ☐mm ☐
GG	GD Augu	st 29,2000		-	Zoning Appeal
1. This permit application does not preclude the	Applicant(s) from meeting applicable Sta	ite and Federal rule	es.		□Variance
2. Building permits do not include plumbing, se	ptic or electrical work.				☐ Miscellaneous
3. Building permits are void if work is not started		ance False inform	19-		☐ Conditional Use☐ Interpretation
tion may invalidate a building permit and stop	p all work	ance. I uise mioim			□Approved
					□ Denied
	*** Call	Tom Childs	for P/U 8	79-9787	Aistoric Preservation
·			•		Not in District or Landmark
					☐ Does Not Require Review
			PERM	MIT ISSUED	☐ Requires Review
			WITH RE	QUIREMENTS	Action:
				Ç=Z.(10	Action:
** * * * * * * * * * * * * * * * * * * *	. CERTIFICATION				□Appoved
I hereby certify that I am the owner of record of the					
authorized by the owner to make this application a	s his authorized agent and I agree to con	form to all applica	able laws of th	us jurisdiction. In addition,	Li Denie
if a permit for work described in the application is areas covered by such permit at any reasonable ho	us to enforce the provisions of the code	utnorizea represen	tative shall ha	ive the authority to enter all	Date:
action to voted by such permit at any reasonable no	ar to emoree the provisions of the code(s) applicable to su	ien permit		
SIGNATURE OF APPLICANT	ADDRESS:	August 29,	2000	PHONE: PE	RMIT ISO
OTOTAL OF ALLECANI	ADDRESS.	DATE:		PHONE: WITH	REQUIREMENTS
				•	TYUIKEMENTS [
RESPONSIBLE PERSON IN CHARGE OF WORK	K, TITLE			PHONE:	CEO DISTRICT
White-Pe	rmit Desk Green–Assessor's Cana	rv-D.P.W. Pink-	Public File	Ivory Card-Inspector	
RESPONSIBLE PERSON IN CHARGE OF WORK White-Per	K, TITLE rmit Desk Green–Assessor's Cana	ry–D.P.W. Pink–	Public File	PHONE:	CEO DISTRICT

BUILDING PERMIT REPORT

DOMDITO VESSES SEE CALL
DATE: 30 AUG 2000 ADDRESS: 7/ Central Aver P.I. CBL: 987-66-66
REASON FOR PERMIT: To Brind Permit No. 966963
BUILDING OWNER: Degn Kand
PERMIT APPLICANT: /CONTRACTOR Hor 1200 Bld6 +10
USE GROUP: $\cancel{R} \cdot \cancel{3}$ CONSTRUCTION TYPE: $\cancel{5} \cdot \cancel{3}$ CONSTRUCTION COST:PERMIT FEES:
The City's Adopted Building Code (The BOCA National Building code/1999 with City Amendments) The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)
CONDITION(S) OF APPROVAL
This permit is being issued with the understanding that the following conditions Shall be met: \(\frac{\pi}{\pi}\) \(\pi
#14) -27 (1) (3) × 3) × 3 9 , # 3 /
 This permit does not excuse the applicant from meeting applicable State and Federal rules and laws. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) "ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING." Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2 Foundations anchors shall be a minimum of ½" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
 5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code. 6. Precaution must be taken to protect concrete from freezing. Section 1908.0 7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the

proper setbacks are maintained.

8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of ½ inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1999)

All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical

Code/1993). Chapter 12 & NFPA 211

10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.

11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42", In occupancies in Use Group A,B.H-4, I-1, I-2, M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. (Handrails shall be a minimum of 34" but not more than 38". Use Group R-3 shall not be less than 30", but not more than 38"). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 ¼" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7)

12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)

13. Stair construction in <u>Use Group R-3 & R-4 is a minimum of 10" tread and 7 %" maximum rise.</u> All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)

14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4

15. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508)mm, and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)

16. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly

from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)

17. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closer's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)

18. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

19. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations): In the immediate vicinity of bedrooms In all bedrooms In each story within a dwelling unit, including basements 20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0) 21. The Fire Alarm System shall maintained to NFPA #72 Standard. 22. The Sprinkler System shall installed and maintained to NFPA #13 Standard. 23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999) 24. Section 25 – 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year". 25. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services. 26. Ventilation shall meet the requirements of Chapter 12 Sections 1210.0 of the City's Building Code. (Crawl spaces & attics). (127. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done. 28. All requirements must be met before a final Certificate of Occupancy is issued. 29. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1999). 30. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)

The Original Conditions the Still in total Please read and implement the attached Land Use Zoning report requirements: The read gound deck has Not been 432. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code. 233. Bridging shall comply with Section 2305.16. 2 34. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2405.0)

35. All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

Same Holizes, Building Inspector Lt. McDougall, PFD

Marge Schmuckal, Zoning Administrator

PSH 11/25/99

**This Permit is herewith Issued,on the basis of plans submitted and conditions placed the plans, any deviations shall require a separate approval.

***THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD.

**** Certificate of Occupancy Fees: \$50.00 each

***** All PLANS THAT REQUIRE A PROFESSIONAL DESIGN'S SEAL,(AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000 OR REQUIVALENT.

AMENDMENT TO PERMIT # 000903

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE

PERMIT IS ISSUED

Building or Use Permit Pre-Application Additions/Alterations/Accessory Structures



To Detached Single Family Dwelling

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit. NOTE ** 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:

O:\INSP\CORRESP\MNUGENT\APADSFD.WPD

Tax Assessor's Chart, Block & Lot Number Telephone#: DEAN KAMP Lessee/Buyer's Name (If Applicable) Cost Of Work: Fee S S Proposed Project Description: (Please be as specific as possible) ATTACHED PLANS TO BE USED Contractor's Name, Address & Telephone Rcc'd Bv: FORIZON BLORS, INC. BOX 80Z PTL'D, ME. Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation. •All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Aft II. •All plumbing must be conducted in compliance with the State of Maine Plumbing Code •All Electrical Installation must comply with the 1996 National Electrical Code as amended by Septions Art III. •HVAC(Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOC Mechanical Code. You must Include the following with you application: 1) A Copy of Your Deed or Purchase and Sale Agreement 2) A Copy of your Construction Contract, if available 3) A Plot Plan (Sample Attached) If there is expansion to the structure, a complete plot plan (Site Plan) must include: The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as we pools, garages and any other accessory structures. Scale and required zoning district setbacks 4) Building Plans (Sample Attached) A complete set of construction drawings showing all of the following elements of construction: Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures) Floor Plans & Elevations Window and door schedules Foundation plans with required drainage and dampproofing Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included. 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/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. Date: 8-24-00 Signature of applicant;

Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.

Versa-Lam Floor Load Tables

2900 Fb SP and 2800 Fb DF (100%)

KEY TO TABLE: Top figure = Allowable Total Load (plf) Middle figure = Allowable Live Load (plf) Bottom figures = Minimum Required Bearing Length at End/Intermediate Supports (inches)

Design	13/4" Width - 2900 Fb SP				31/2" Width - 2800 Fb DF				51/4" Width - 2800 Fb DF							
Span (ft)	71/2"	91/2"	117/8"	14"		18'(0)	91/2"	117/8"		16"	18"	91/2"		14"	16"	18"
6	776	1082	1450	1827	2232	2698	2127	2850	3591	4388	5304	3190	4275	5387	6583	7956
	762 1.6 / 3	2.2/3	2.9 / 3.7	3.7 / 4.6	4.5 / 5.6	5.5 / 6.8	2/3	2.7 / 3.4	3.4 / 4.3	4.2 / 5.2	5.1 / 6.3	2/3	2.7 / 3.4	3.4 / 4.3	- 4.2 / 5.2	5.1 / 6.3
8	479 322	759 724	996	1229	1469	1731	1493	1958	2416	2887	3404	2239	2938	3624	4331	5106
	1.5 / 3	2.1/3	2.7 / 3.4	3.3 / 4.2	4/5	4.7 / 5.8	1447 1.9 / 3	2.5 / 3.1	3.1 / 3.9	3.7 / 4.6	4.3 / 5.4	2171 1.9 / 3	2.5 / 3.1	3.1 / 3.9	3.7 / 4.6	4.3 / 5.4
10	243 165	518 370	758 724	925	1093	1273	1000 741	1491 1447	1819	2150	2504	1500 1111	2236 2171	2728	3225	3756
	1.5 / 3	1.8/3	2.6 / 3.2	3.1 / 3.9	 	4.3 / 5.4	1.6/3	2.4/3	2.9 / 3.6	3.4 / 4.3	4/5	1.6/3	2.4/3	2.9 / 3.6	3.4 / 4.3	4/5
11	182 124	413 278	652 544	823	969	1124	825 557	1260 1087	1618	1906	2211	1237 835	1890 1631	2428	2858	3316
	1.5/3	1.5/3	2.4 / 3	3.1 / 3.8	 	4.2 / 5.2	1.5 / 3	2.2 / 3	2.8 / 3.6	3.4 / 4.2	3.9 / 4.9	1.5/3	2.2 / 3	2.8 / 3.6	3.4 / 4.2	3.9 / 4.9
12	139 95	317 214	547 419	741 686	870 -	1006	635 429	1057 837	1444 1372	1711	1979	952 643	1585 1256	2167 2058	2567	2968
	1.5 / 3	1.5 / 3	2.2/3	3 / 3.8	3.5 / 4.4	4.1 / 5:1	1.5 / 3	2/3	2.8 / 3.5	3.3 / 4.1	3.8 / 4.8	1.5 / 3	2/3	2.8 / 3.5	3.3 / 4.1	3.8 / 4.8
13	109 75	248 169	465 329	636 540	789 -	910	497 337	899 659	1229 1079	1552 -	1791	746 506	1348 988	1843 1619	2328	2686 -
	1.5 / 3	1.5 / 3	2.1/3	2.8 / 3.5	3.5 / 4.4	4/5	1.5/3	1.9/3	2.6 / 3.2	3.2 / 4	3.7 / 4.7	1.5 / 3	1.9/3	2.6 / 3.2	3.2 / 4	3.7 / 4.7
14	86 60	198 135	390 264	547 432	705 645	831	396 270	774 527	1058 864	1363 1290	1635	595 405	1160 791	1587 1296	2045 1935	2452
	1.5/3	1.5 / 3	1.9/3	2.6 / 3.3	3.4 / 4.2	4 / 4.9	1.5/3	1.7/3	2.4 / 3	3.1 / 3.8	3.7 / 4.6	1.5 / 3	1.7/3	2.4/3	3.1 / 3./8	3.7 / 4.6
15	70 49	160 110	316 214	476 351	614 524	764 747	321 220	632 429	920 703	1186 1049	1483	481 329	949 643	1380 1054	1778 1573	2224
	1.5/3	1.5 / 3	1.6/3	2.4/3	3.1 / 3.9	3.9 / 4.9	1.5 / 3	1.5/3	2.2 / 3	2.9 / 3.6	3.6 / 4.5	1.5 / 3	1.5/3	2.2/3	2.9 / 3.6	3.6 / 4.5
16	57 40	131 90	259 177	418 289	538 432	673 615	263 181	519 353	807 579	1040 864	1301 1230	394 271	779 530	1210 868	1560 1296	1952 1846
	1.5 / 3	1.5/3	1.5 / 3	2.3 / 3	2.9 / 3.7	3.7 / 4.6	1.5 / 3	1.5/3	2.1 / 3	2.7 / 3.3	3.3 / 4.2	1.5 / 3	1.5/3	2.1/3	2.7 / 3.3	3.3 / 4.2
17	47 34	108 75	215 147	355 241	476 360	595 513	218 151	431 295	711 483	920 720	1151 1026	327 226	647 442	1067 724	1380 1081	1726 1539
	1.5 / 3	1.5 / 3	1.5 / 3	2.1/3	2.8 / 3.5	3.5 / 4.3	1.5 / 3	1.5 / 3	2/3	2.5 / 3.2	3.1 / 3.9	1.5 / 3	- 1.5 / 3	2/3	2.5 / 3.2	3.1 / 3.9
18	39 23	91 64	180 124	298 203	424 303	530 432	282 127	362 248	597 407	819 607	1025 864	273 191	542 372	896 610	1228 910	1537 1296
	1.5/3	1.5 / 3	1.5 / 3	1.8/3	2.6 / 3.3	3.3 / 4.1	1.5 / 3	1.5 / 3	1.7 / 3	2.4 / 3	3 / 3.7	1.5 / 3	1.5 / 3	1.7/3	2.4 / 3	3/3.7
19	32 24	76 54	152 105	252 173	379 258	475 367	153 108	306 211	506 346	733 516	918 735	230 162	459 316	759 519	1100 774	1377 1102
	1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 3	2.5 / 3.1	3.1 / 3.9	1.5 / 3	1.5 / 3	1.6/3	2.3 / 3	2.8 / 3.5	1.5 / 3	1.5/3	1.6 / 3	2.3/3	2.8 / 3.5
20	27 21	65 46	130 90	215 148	324 221	428 315	130 93	261 181	432 296	649 442	827 630	196 139	391 271	648 445	974 664	1240 945
	1.5/3	1.5 / 3	1.5 / 3	1.5 / 3	2.2 / 3	2.9 / 3.7	1.5 / 3	1.5 / 3	1.5 / 3	2.1/3	2.7 / 3.3	1.5 / 3	1.5 / 3	1.5/3	2.1/3	2.7 / 3.3
	20 15	48 35	96 68	160 111	241 166	346 237	96 70	193 136	321 223	484 332	681 473	144 104	290 204	482 334	726 499	1021 710
	1.5/3	1.5 / 3	1.5/3	1.5 / 3	1.8/3	2.6 / 3.3	1.5/3	1.5 / 3	1.5 / 3	1.7 / 3	2.4 / 3	1.5 / 3	1.5/3	1.5 / 3	1.7 / 3	2.4/3
24	14 12	36 27	73 52	122 86	184 128	265 182	72 54	146 105	245 172	370 256	531 365	108 80	220 157	367 257	555 384	796 547
	1.5/3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	2.2 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5/3	2.1/3	1.5 / 3	1.5 / 3	1.5/3	1.5/3	2.1 / 3
26	10 9	27 21	56 41	94 67	143 101	206 143	55 42	113 82	190 135	288 201	414 287	82 63	169 124	285 202	432 302	621 430
	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.9/3	1.5 / 3	1.5 / 3	1.5/3	1.5 / 3	1.8/3	1.5 / 3	1.5 / 3	1.5/3	1.5 / 3	1.8 / 3
28	8	21 17	44 33	74 54	113 81	163 115	42 34	88 66	149 108	227 161	328 230	63 51	132 99	224 162	341 242	492
	1.5 / 3	1.5/3	1.5 / 3	1.5 / 3	1.5/3	1.6/3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5/3	1.5 / 3	1.5 / 3	1.5 / 3	344 1.5 / 3
30	6 6	16 14	34 27	59 44	90 66	131 93	33 27	70 54	119 88	182 131	264 187	49 41	105 80	179	273	396
	1.5/3	1.5 / 3	1.5 / 3	1.5/3	1.5 / 3	1.5/3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5/3	1.5 / 3	132 1.5 / 3	197 1.5 / 3	280 1.5 / 3

- Total Load values are limited by shear, moment or deflection equal to L/240. Total Load values are the capacity of the beam in addition to its own weight.
- 2. Live Load values are limited by deflection equal to L/360.
- Both the Total Load and Live Load values must be checked. Where a Live Load value is not shown, the Total Load value will control.
- 4. Table values apply to either simple or multiple span beams. Span is measured center to center of supports. Analyze multiple span beams with the BC Calc software if the length of any span is less than half the length of an adjacent span.
- Table values assume that lateral support is provided at each support and continuously along the compression edge of the beam.
- 6. Table values for Minimum Required Bearing Lengths are based on the allowable compression design value perpendicular to grain for the beam and the Total Load value shown. Other design considerations, such as a weaker support material, may warrant longer bearing lengths. Table values assume that support is provided across the full width of the beam.
- Double, triple or quadruple the Total Load and Live Load values to size 2-ply, 3-ply or 4-ply beams. Double the 3½" Width values to size 7 inch wide, single-ply beams. Minimum Required Bearing Lengths remain the same for any number of plies.
- 134 inch members deeper than 14 inches are to be used as multiple-ply beams only.
- This table was designed to apply to a broad range of applications. It may be possible to exceed the limitations of this table by analyzing a specific application with the BC Calc software.



City of Portland, Maine - Building	g or Use Permit Application	389 Congress Street,	04101, Tel: (207)	874-8703, FAX: 874-8716
Location of Construction:	Owner:	Phone:		Permit No:
71 Central Ave. Peaks 04108	Dean Kamp		766-2062	Permit No:
Owner Address:	Lessee/Buyer's Name:	Phone: Busines	sName:	
Same		, Daonies		And the same of th
Contractor Name:	Address:	Phone:		Pendurissued: ISSUED
Rosizon Builders Inc.	P.O. Rox 802 Portland	04104 879-9		The state of the s
Past Use:	Proposed Use:	COST OF WORK:	PERMIT FEE:	T AIC - Zoos
Dingle Family	Same &	· \$ 10.000.00	\$ 84.00	AUG 17 2000
· ·	President A.	FIRE DEPT. Approved	INSPECTION:	
		☐ Denied	Use Group: Type:	
			, ,,	Zone: CBL:
Proposed Project Description:		Signature:	Signature:	19-2 987-66-003
Proposed Project Description:	•	PEDESTRIAN ACTIVITIE	ES DISTRICT (P.A.D.)	Zoning Approval:
Comment of the commen	San Landau	Action: Approved		Special Zone or Reviews
Construct	padious	Approved	with Conditions:	□ □ Shoreland
		Denied		□ Wetland
		i i		□ Flood Zone
		Signature:	Date:	☐ Subdivision ·
Permit Taken By:	Date Applied For:	ugust 11,2000		☐ Site Plan maj ☐minor ☐mm ☐
		ogast 11,2000		Zoning Appeal
1. This permit application does not preclude the A	Applicant(s) from meeting applicable Sta	ate and Federal rules		□ Variance
	·	ne and rederal fules.		□ Miscellaneous
01				☐ Conditional Use
3. Building permits are void if work is not started	within six (6) months of the date of issu	ance. False informa-		□ Interpretation
tion may invalidate a building permit and stop	all work			□Approved
		•		□ Denied
The second second		Call Deun	766-2062 P/V	/ Historic Preservation
	·	was commission	700-2001 170	W Not in District or Landmark
				□ Does Not Require Review
			היוכח	□ Requires Review
			PERMIT ISSUED PERMIT ISSUED	8'
			PETIN REQUIRENIE	Action:
,	CERTIFICATION		PERMIT ISSUED WITH REQUIREMENTS	
I hereby certify that I am the owner of record of the				☐ Approved with Conditions
authorized by the owner to make this application as	s his authorized agent and I agree to con	of the desired of the owner of the	record and that I have be	een ☐ Approved with Conditions ☐ Denied
if a permit for work described in the application is i	issued. I certify that the code official's au	uthorized representative shall be	us jurisuiction. In addition	on,
areas covered by such permit at any reasonable hou	ur to enforce the provisions of the code(s) annlicable to such permit	ve the aumorny to emer	Date:
, ,	The state of the state of the code (b) applicable to such permit		
			114	-market
SIGNATURE OF APPLICANT	4 DDDEGG	August 11,2000		
SIGNATURE OF APPLICANT	ADDRESS:	DATE:	PHONE:	PERMITISSUED PERMITISSUED
				PERMIT ISSUEMENTS WITH REQUIREMENTS
RESPONSIBLE PERSON IN CHARGE OF WORK	TITLE		PHONE:	
The second secon	in the second se		I HONE.	CEO DISTRICT 3
White-Per	mit Desk Green-Assessor's Canai	ry-D.P.W. Pink-Public File	lvory Card-Inspector	

BUILDING PER	
DATE: 12 AUGUST 2000 ADDRESS: 7/ Con	Try/AVR. P.I CBL: 087-66-003
DATE: 12 AUGUST 2000 ADDRESS: 71 (0) REASON FOR PERMIT: 10 add 500	vd Floor bedroom (New)
BUILDING OWNER: Dean Kamp	7 <u> </u>
PERMIT APPLICANT:	CONTRACTOR HON ZON BULLES TUC
USE GROUP: 13 CONSTRUCTION TYPE: 53 CO	
The City's Adopted Building Code (The BOCA National Building code/ The City's Adopted Mechanical Code (The BOCA National Mechanical	1999 with City Amendments)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions are met: $\frac{\times}{\times}$ | $\frac{\times}{32}$ | $\frac{\times}{$

This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.

2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) "ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."

- 3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
- 4. Foundations anchors shall be a minimum of ½" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
- 5. Waterproofing and dampproofing shall be done in accordance with <u>Section 1813.0</u> of the building code.

6. Precaution must be taken to protect concrete from freezing. Section 1908.0

- 7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
- 8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of ½ inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1999)
- All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
- 10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
- Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42". In occupancies in Use Group A, B.H-4, I-1, I-2, M, R, public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. Handrails shall be a minimum of 34" but not more than 38". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014 7)
 - 12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
- Stair construction in <u>Use Group R-3 & R-4 is a minimum of 10" tread and 7 %" maximum rise.</u> All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
 - 14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
- 15. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508)mm, and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
 - 16. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)
 - 17. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
 - 18. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

19. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations): In the immediate vicinity of bedrooms In all bedrooms In each story within a dwelling unit, including basements 20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0) 21. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard. 22. The Sprinkler System shall be installed and maintained to NFPA #13 Standard. 23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999) 24. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year". 25. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services. 26. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics). *27. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done. All requirements must be met before a final Certificate of Occupancy is issued. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996). 30. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical to remami Code/1993). (Chapter M-16) (31. Please read and implement the attached Land Use Zoning report requirements. AN Allowance 16) Add 32. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code. 33. Bridging shall comply with Section 2305.16. 34. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0) All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/199 The <u>6012</u> Hoffses, Building Inspector Lt McDougall, PFD Marge Schmuckal, Zoning Administrator PSH 1/26/00

**This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.

***THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD.

****ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, OR EQUIVALENT.

**CERTIFICATE OF OCCUPANCY FEE \$50.00

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE

PERMIT IS ISSUED

Building or Use Permit Pre-Application

Attached Single Family Dwellings/Two-Family Dwelling

Multi-Family or Commercial Structures and Additions Thereto

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit,

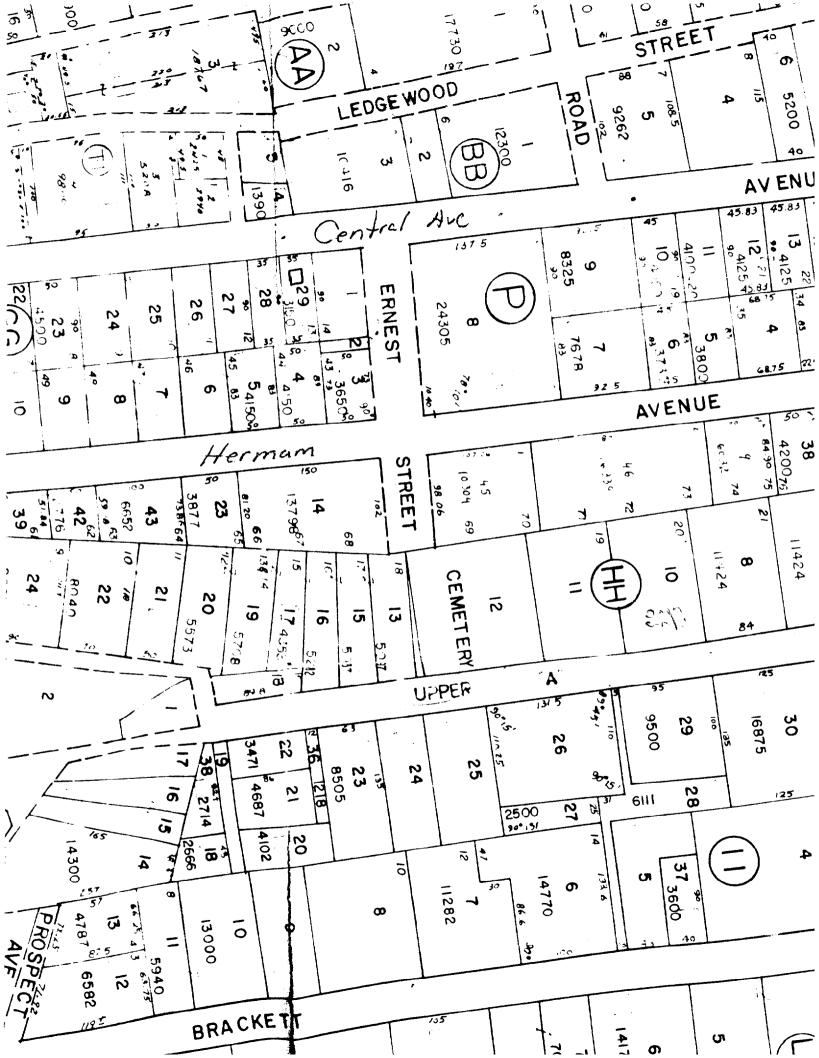
NOTE**If you or the property owner owes real estate or personal property taxes or user charges on ANY PROPERTY within the City, payment arrangements must be made before permits of any kind are accepted.

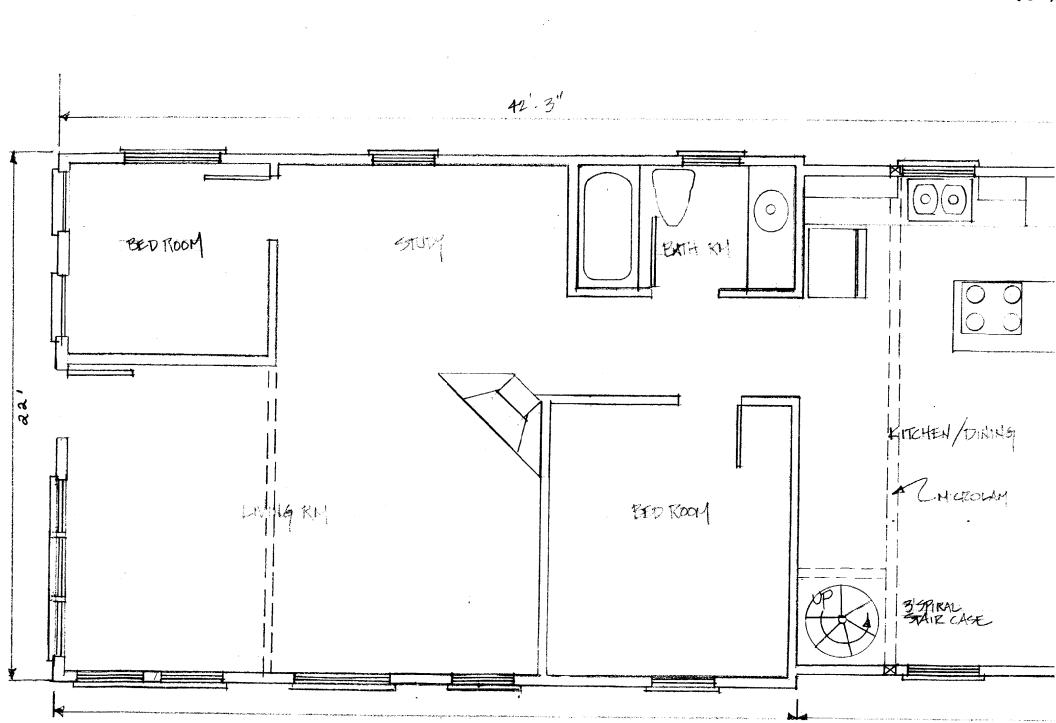
Location/Addressof Construction (include Portion of Building):	TI Contral Co	· 04110
Total Square Footage of Proposed Structure	Square Footage of Lot	34 0 110 X
Tax Assessor's Chart, Block & Lot Number	Owner:	Telephone#:
Chart#087 Block# & Lot# 603	Dean KAMP	×766-2062
Owner's Address: PO Boy 63 71 Central Are Peaks Island MR 04108	Lessee/Buyer's Name (If Applicable)	Cost Of Work: Fee \$10,000 \$84,00
Proposed Project Description:(Please be as specific as possible)) BUILDERS INC. 12	a7) 279-9707
Contractor's Name, Address & Telephone Po Box	BODZ PORTLAND ME O	4104 Rec'd By
Current Use: Single Tamiles	Proposed Use: Sam	cle Framily &
•All Electrical Installation must comply w •HVAC(Heating, Ventililation and Air Condi You must Include the following with you application 1) ACopy of Y 2) A Copy of Minor or Major site plan review will be required for	itioning) installation must comply with: Your Deed or Purchase and Sale Agree f your Construction Contract, if availa 3) A Plot Plan/Site Plan the above proposed projects. The attache	as amended by Section 6-Art III. the 1996 BOSA Mechanical Code. CITY OF BUILDING MASSES ment ble
checklist outlines the minimum standards for a site p	olan. 4) Building Plans	AN E BE AND
Unless exempted by State Law, construc	ction documents must be designed by a	registered design professional
 A complete set of construction drawings showing all Cross Sections w/Framing details (including a Floor Plans & Elevations a Floor		ory structures)
 Window and door schedules Foundation plans with required drainage a 	and dampproofing	766-2062
Electrical and plumbing layout. Mechanical equipment, HVAC equipment (air handling)	al drawings for any specialized equipmen ng) or other types of work that may requir Certification	t such as furnaces, chimneys, gas e special review must be included.
I hereby certify that I am the Owner of record of the named proper owner to make this application as his/her authorized agent. I agre application is issued, I certify that the Code Official's authorized r enforce the provisions of the codes applicable to this permit.	rty, or that the proposed work is authorized by the o	on. In addition, if a permit for work described in this

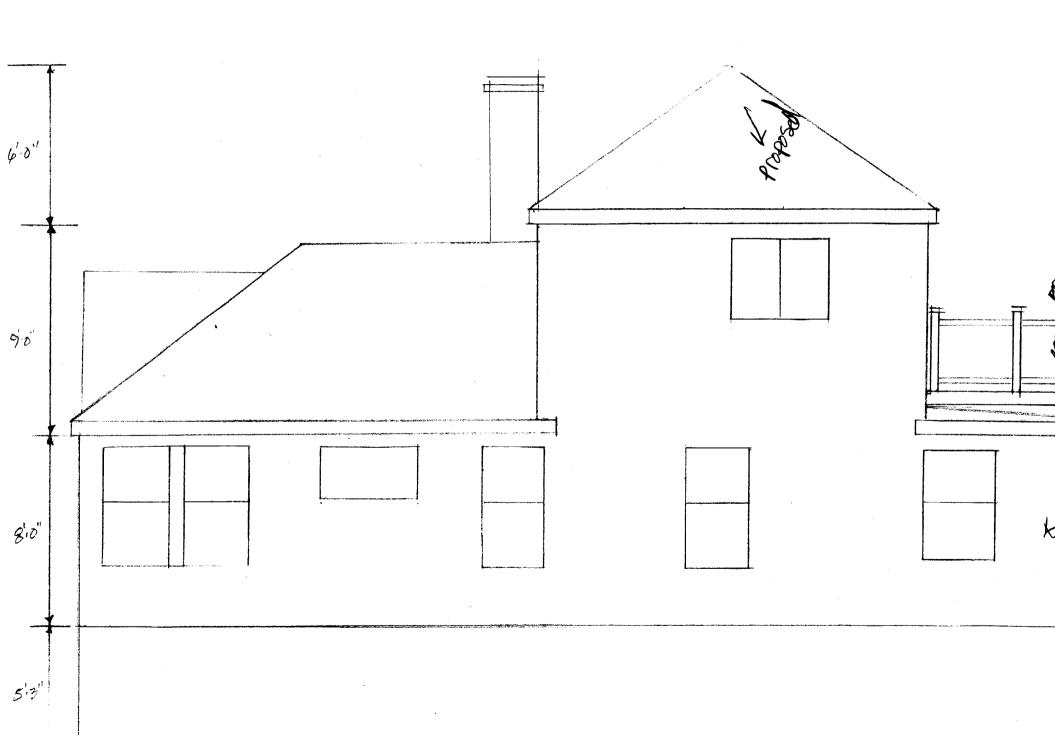
Building Permit Fee: \$25.00 for the 1st \$1000.cost plus \$5.00 per \$1,000.00 construction cost thereafter.

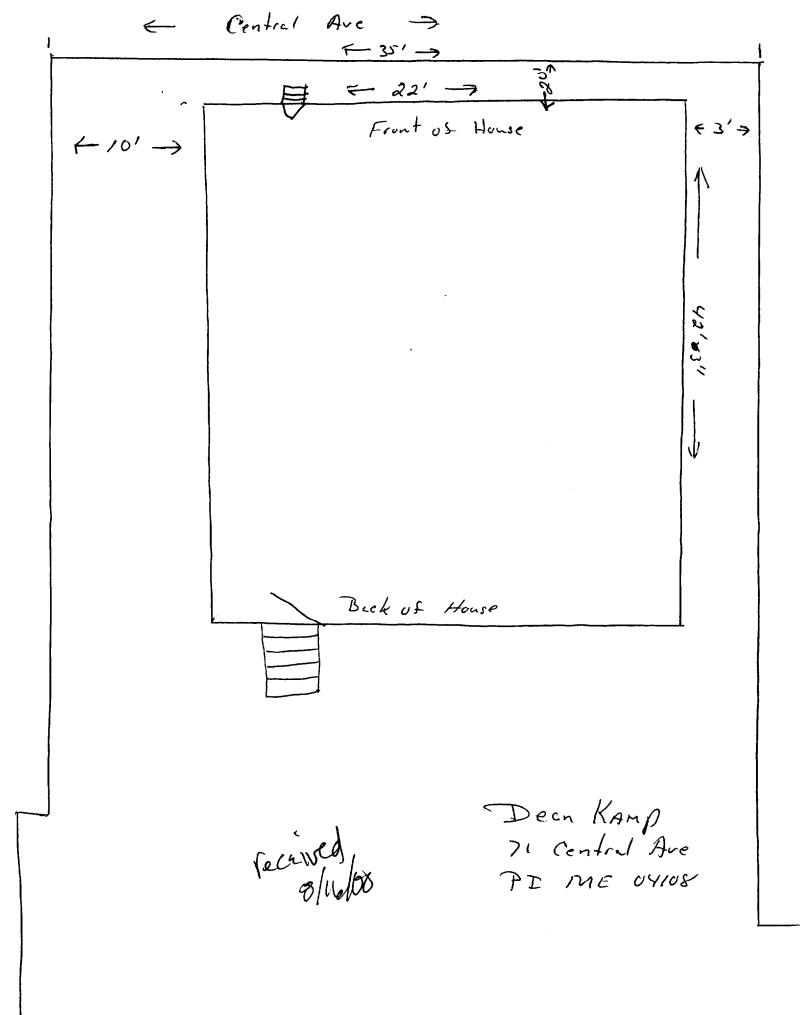
Additional Site review and related fees are attached on a separate addendum

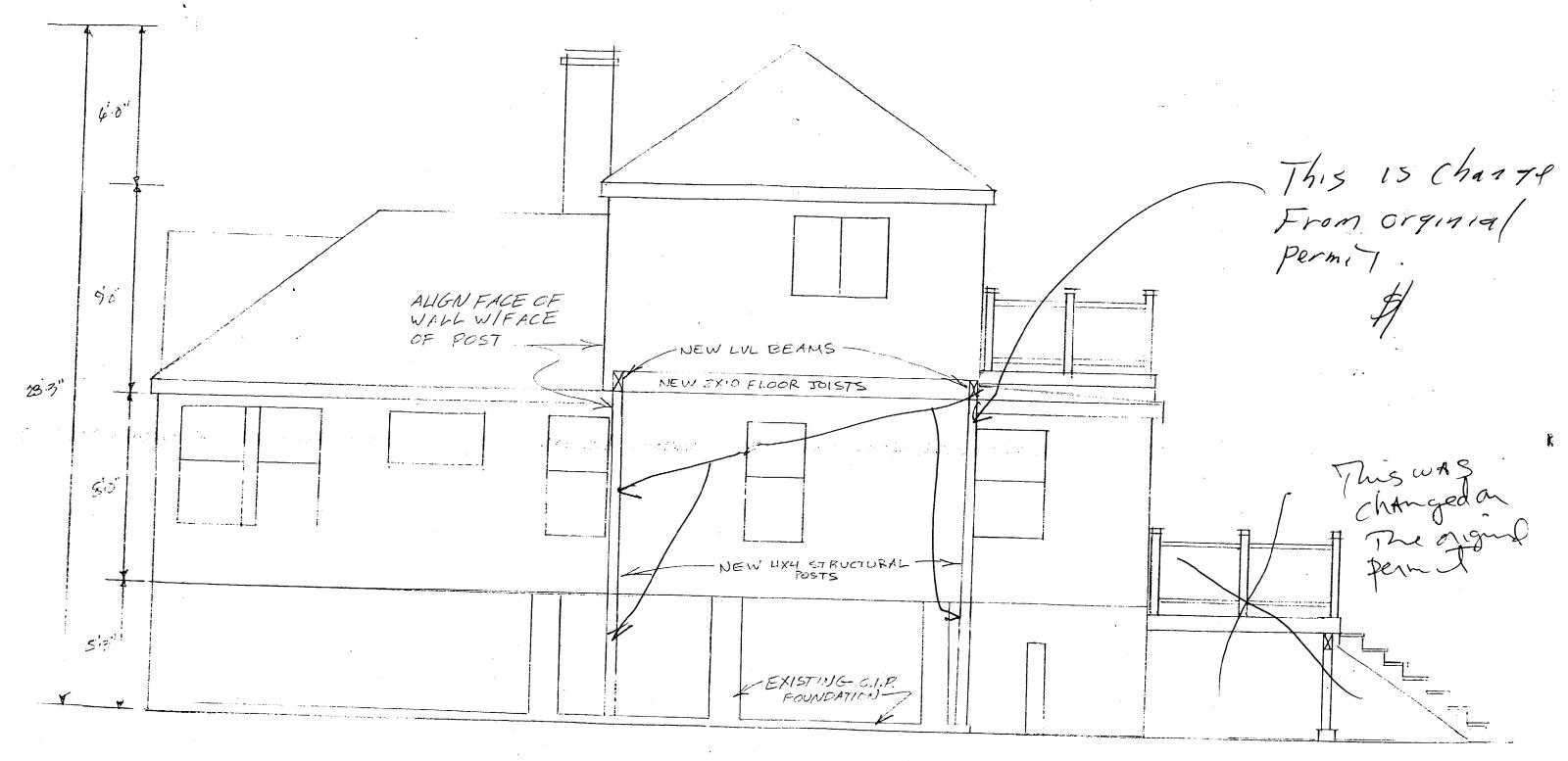
Signature of applicant:





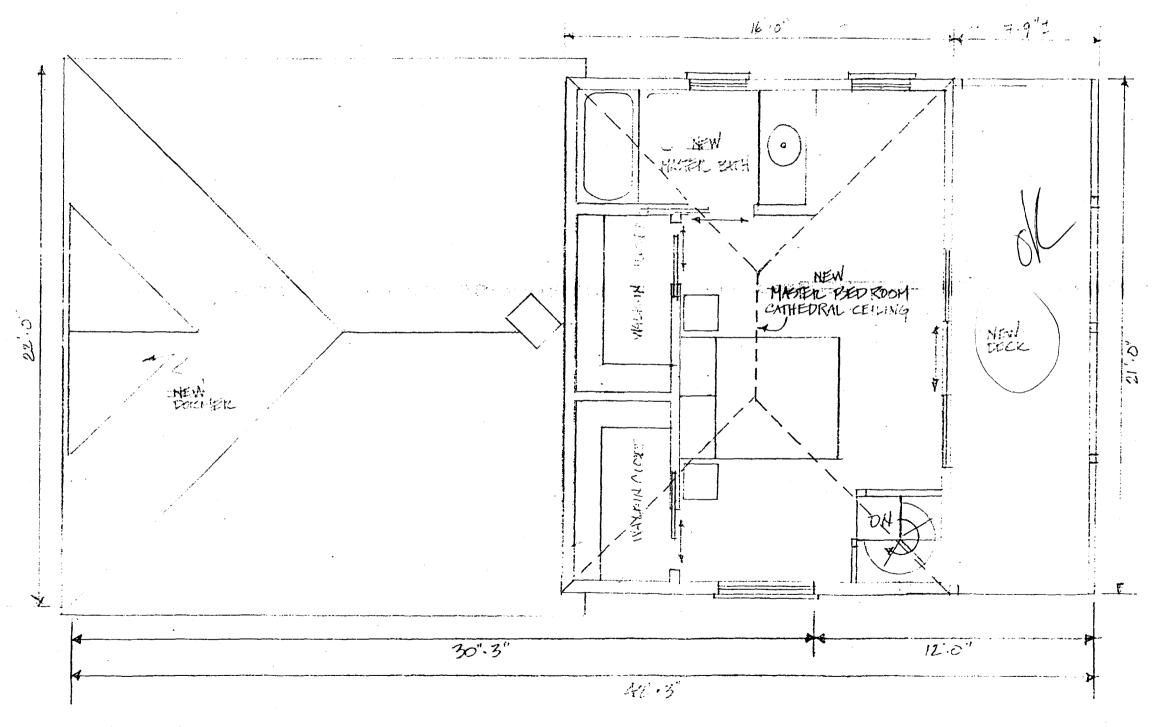






WEST ELEVATION

DEAN RAMP 71 CENTRAL ANE TEAKS ISLAND, ME 04108 -1114/2000 SCALE: 4"=1".0" 8-9-00 BEVISED TUC



NEW SECOND FLOOR

DEAN KAMP 71 CENTRAL AVE PEAKS ISLAND, ME 04108 7/14/2000 SCALE: 4=1'10"

