

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Permit Number: 060810

Please Read
Application And
Notes, If Any,
Attached

This is to certify that SEADER MELISSA A / American Dreamspace

has permission to Create enclosed sunroom over part of existing deck install new decking over existing deck

AT 38 WESTLAWN RD

338 M006001

PERMIT ISSUED

JUL 28 2006

provided that the person or persons who accept this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the rules and regulations of this department.

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

Notification of inspection must be given and when permission is procured before this building or part thereof is occupied or service is provided. FOUR NOTICES REQUIRED.

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

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

DepartmentName

[Signature] 7/28/06
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (07) 874-8703, Fax: (207) 874-8716

Permit No: 06-0810	Issue Date:	CBL: 338 M006001
-----------------------	-------------	---------------------

Location of Construction: 38 WESTLAWN RD	Owner Name: SEADER MELISSA A	Owner Address: 38 WESTLAWN RD	<div style="border: 2px solid black; padding: 5px; text-align: center;"> PERMIT ISSUED JUL 28 2006 Phone 207-874-246100 </div>
Business Name:	Contractor Name: American Dreamspace	Contractor Address: 1725 Main Street Unit 9	
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	Zone R-3
Past Use: Single Family Home	Proposed Use: Single Family Home/ Create enclosed sunroom over part of existing deck - install new decking over existing deck	Permit Fee: \$183.00	Cost of Work: \$17,300.00
Proposed Project Description: Create enclosed sunroom over part of existing deck - install new decking over existing deck		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied INSPECTION: Use Group R-3 Type SB IRC 2003 Signature: _____ Date: _____	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____	

Permit Taken By: Idobson	Date Applied For: 05/31/2006	Zoning Approval		
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..		Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <i>OK w/conditions</i> Date: <i>6/27/06</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>6/27/06</i>

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

Permit No: 06-0810	Date Applied For: 05/31/2006	CBL: 338 M006001
------------------------------	--	----------------------------

Location of Construction: 38 WESTLAWN RD	Owner Name: SEADER MELISSA A	Owner Address: 38 WESTLAWN RD	Phone:
Business Name:	Contractor Name: American Dreamspace	Contractor Address: 1725 Main Street Unit 9 Sanford	Phone (207) 324-6700
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	

Proposed Use: Single Family Home/ Create enclosed sunroom over part of existing deck - install new decking over existing deck	Proposed Project Description: Create enclosed sunroom over part of existing deck - install new decking over existing deck
---	---

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Ann Machado **Approval Date:** 06/26/2006
Note: **Ok to Issue:**

- 1) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.

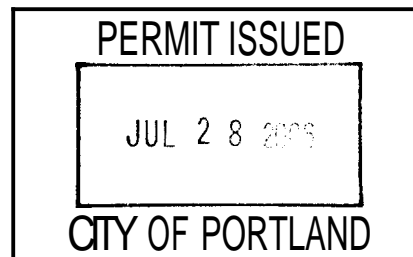
Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 07/28/2006
Note: **Ok to Issue:**

- 1) Separate permits are required for any electrical, plumbing, or heating.
- 2) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.

Comments:

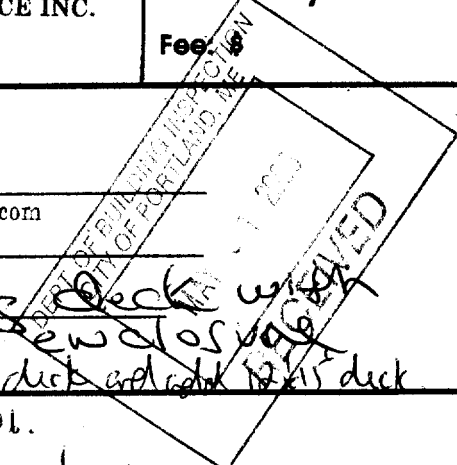
6/23/06-amachado: I spoke to Melissa Seader. The original 10'x16' deck which was permitted in 1990 has been added on to. The new sunroom is going to go on part of the original deck. Melissa is going to add to the existing permit. She plans to tear down what remains of the deck after the sunroom is put up and then build a new deck.

7/28/06-tmm: Spoke w/owner - only redecking existing deck - not rebuilding it - noted this on plans and permit.



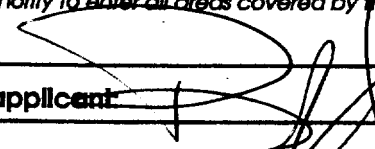
All Purpose Building Permit Application

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: 38 WESTLAWN RD		
Total Square Footage of Proposed Structure 120 sq ft	Square Footage of Lot (91x74) 6,734	
Tax Assessor's Chart, Block & Lot Chart# 338 Block# M Lot# 4	Owner: Meliss Seader	Telephone: 797-0870 856-8609
Lessee/Buyer's Name (if Applicable)	Applicant name, address & telephone: AMERICAN DREAMSPACE INC. Patio Enclosures 1725 Main St. Unit #9 Sanford Maine 04073 207-324-6700 877-54-PATIO (72846) www.americandreamspace.com	Cost of Work: \$ 12,300 Fee: \$
Current use: Deck		
If the location is currently vacant, what was prior use:		
Approximately how long has it been vacant:		
Proposed use: Cover part of existing deck		
Project description: 10' x 12' x 10' patio enclosure * Addition to project - removal of existing deck and 12' x 15' deck		
Contractor's name, address & telephone:	per email 6/27/06.	
Who should we contact when the permit is ready:	Brian, Chris	
Mailing address:	1725 main st, unit 9, Sanford ME 04073	
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up.		
324-6700		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 of applicant: 	Date: 5-28-06
---	----------------------

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

ERTIFICATION PLAN FOR DEPOSITORS

R3

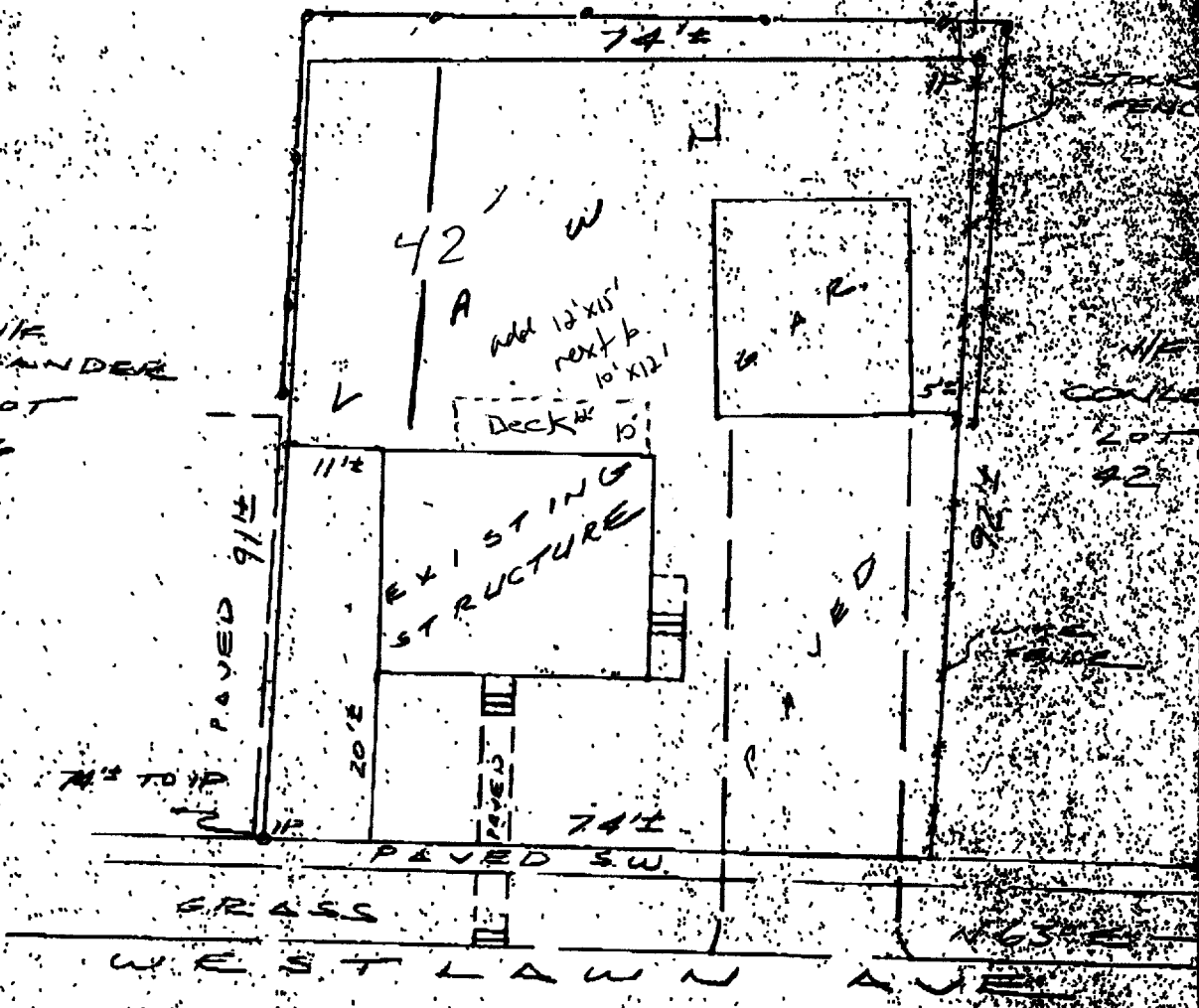
lot = 6672
 front 25' req
 rear 25' req
 side 1/2 - 8' req
 lot coverage: 35%
 2335.2
 or 30' from rear
 or 14' from left
 front not issue
 right side not issue.

lot coverage
 19264
 ok.

N/E DARRING

N/E HUTCHINS

N/E ALEXANDER LOT 46



AMERICAN DREAMSPACE INC.
 Patio Enclosures
 1725 Main St. Unit #9
 Sanford Maine 04078
 207-324-8700
 877-54-PATIO
 (72846)
 www.americandreamspace.com

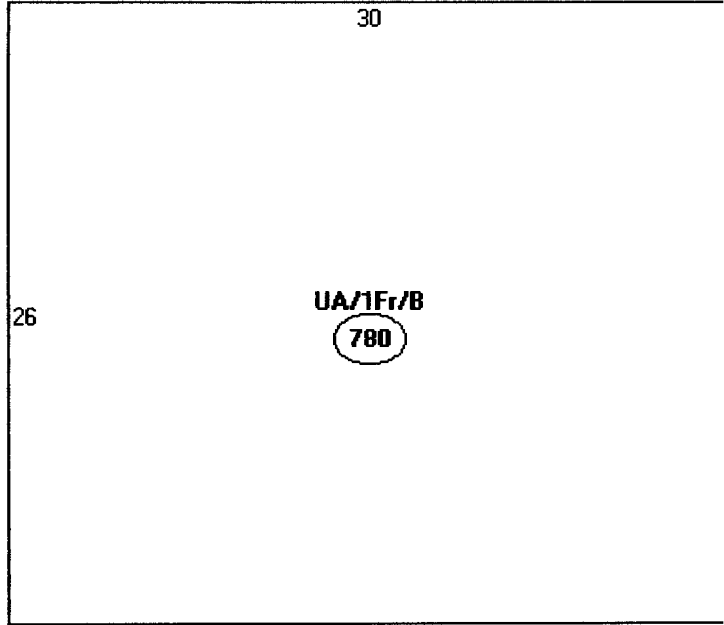
FOR:

THOMAS A. & MELISSA A.

NOTE: AN INS...

SEADER Project

* been reduced



Descriptor/Area

A: UA/1Fr/B
780 sqft

	300	house
	30	steps
Stypl.	528	22x24 garage
3x5	288	pool 12x24
5x3	12x24	
	460	deck 10x16
	1786	deck/patio 10x12 10x12
	<u>180</u>	new deck 12x15
	1926	φ

~~5992 φ~~ ^{work.} to play with

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

Card Number	1 of 1
parcel ID	338 M006001
Location	38 WESTLAWN RD
Land Use	SINGLE FAMILY
Owner Address	SEADER MELISSA A 38 WESTLAWN RD PORTLAND ME 04103
Book/Page	15892/101
Legal	338-M-6 WESTLAWN RD 34-38 6672 SF

Current Assessed Valuation For Fiscal Year 2006

Land	Building	Total
\$46,410	\$85,130	\$131,540

Estimated Assessed Valuation For Fiscal Year 2007*

Land	Building	Total
\$61,000	\$104,100	\$165,100

* Value subject to change based upon review of property status as of 4/1/06.
The tax rate will be determined by City Council in May 2006.

Property Information

Year Built 1954	Style Cape	Story Height 1	Sq. Ft. 780	Total Acres 0.153		
Bedrooms 2	Full Baths 1	Half Baths	Total Rooms 5	Attic Unfin	Basement Full	

Outbuildings

Type GARAGE-WD/CB	Quantity 1	Year Built 1954	Size 22X24	Grade C	Condition F
-----------------------------	----------------------	---------------------------	----------------------	-------------------	-----------------------

Sales Information

Date 12/08/2000	Type LAND + BLDING	Price	Book/Page 15892-101
---------------------------	------------------------------	--------------	-------------------------------

Picture and Sketch

[Picture](#) [sketch](#) [Tax Map](#)

[Click here to view Tax Roll Information.](#)

From: "Seader, Melissa" <melissa-seader@idexx.com>
To: ""amachado@portlandmaine.gov" <amachado@portlandmaine.gov>
Date: 6/27/2006 1:14:24 PM
Subject: Permit

Per your request, below is a summary of what I would like this permit to encompass:

1. Installation of sunroom on existing deck.
2. Removal of remainder of deck once sunroom has been built.
3. ~~Rebuild~~ 12X15 deck beside sunroom.

re-deck

Please let me know if you need anything else.

Melissa

From: "Seader, Melissa" <melissa-seader@idexx.com>
To: "'amachado@portlandmaine.gov'" <amachado@portlandmaine.gov>
Date: 6/23/2006 10:52:56 AM
Subject: Permit

This e mail is to confirm our conversation this morning.

I am in the process of trying to obtain a permit for a sunroom to be built on top of my existing deck. It was brought to my attention that the original deck permit from June 1990 was for a 10X16 deck. Apparently, after that deck was built, my husband added an extension to the deck (without obtaining an additional permit). The sunroom will be built on the permitted 10X16 portion of the deck.

My plan is to remove the additional deck after the sunroom has been installed and to build a new deck. I will make sure to request a permit for this deck at that time.

Only re-decking - no new deck being built

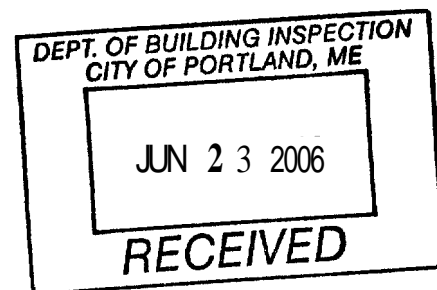
Please let me know if there is anything else that you need from me at this time.

Thanks for your help.

Melissa

Work phone **856-8609**

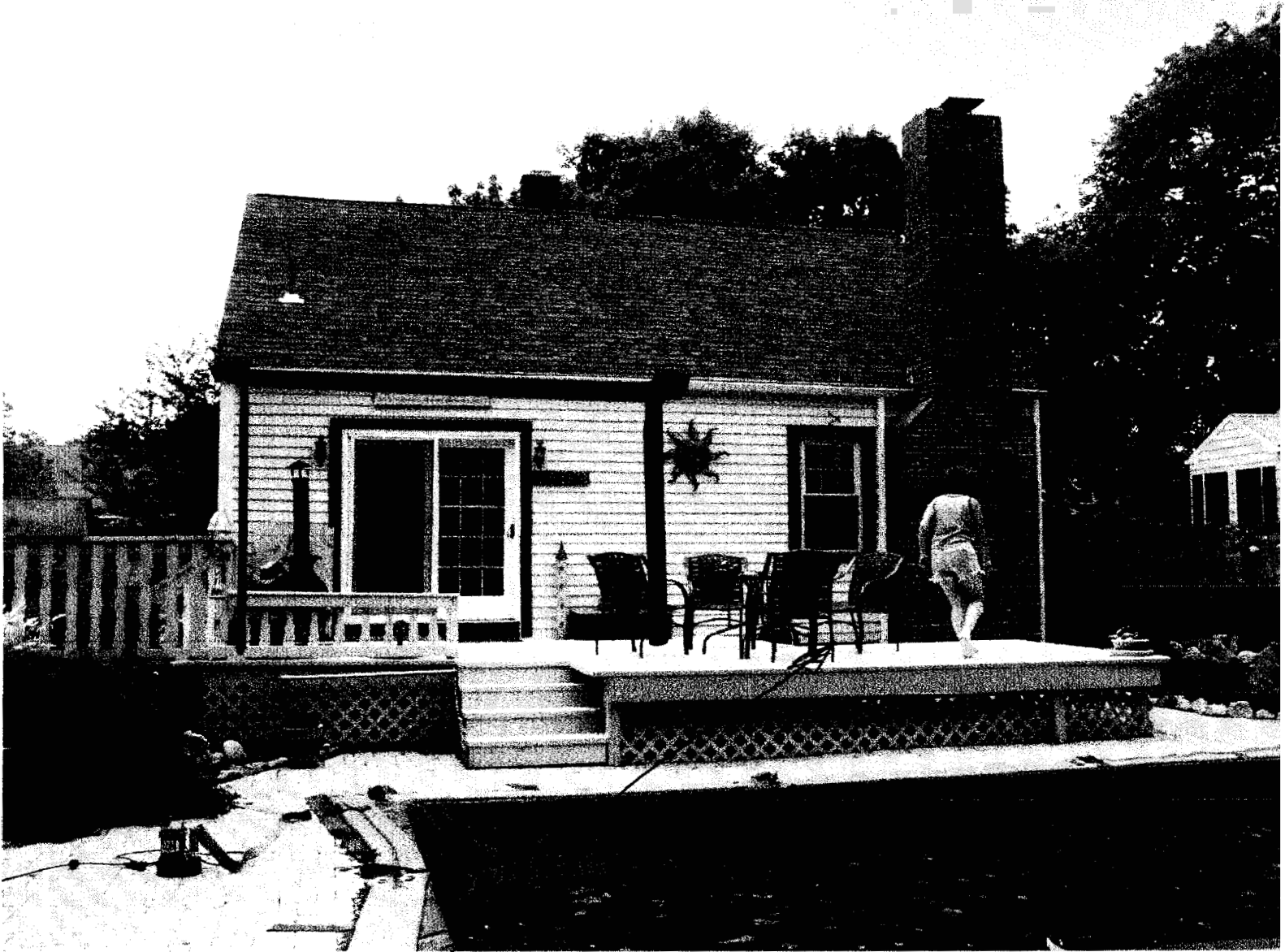
CC: "Seader, Melissa" <melissa-seader@idexx.com>



AMERICAN DREAMSPACE INC.

Patio Enclosures
1725 Main St. Unit #9
Sanford Maine 04073
207-324-6700
\$77-54-PATIO
(72846)

www.americandreamspace.com



*existing -
new decking
being installed*

**SEADER
38 WEST LAWN
PORTLAND**

* addition to ~~but~~ original project description

38 West LAWN Rd
Portland, ME

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

JUN 26 2006

RECEIVED

10'
" Sunroom "

slider -

12'

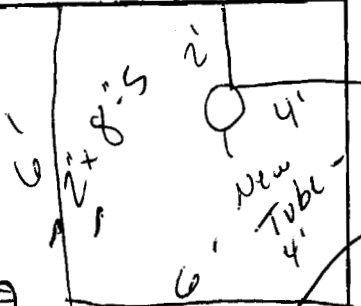
" ~~New~~
~~open Deck~~

12' x 15' x 12'

only re-decking - existing

- All pt comb
- 16" on center
- Hangers
- L Aged for home & Sunroom platform

Note: open Deck portion to be built by customer



May fill in area w/ 2x8's w/hangers
OK

12'

AMERICAN DREAMSPACE INC.
 Patio Enclosures
 1725 Main St. Unit #9
 Sanford Maine 04073
 207-324-6700
 877-54-PATIO
 (72846)
 www.americandreamspace.com

Recommend alarm on door - existing conditions.

15'

" + vent."



Custom Blinds & Shades • Wood & Vinyl Decks • Docks
 1725 Main Street Suite 9
 Sanford, Maine 04073
 (207) 324-6700 • Toll Free (877) 5-4 PATIO 72846
 FAX (207) 324-6166
 www.americandreamspace.com

**HOME IMPROVEMENT
 CONTRACT**

"We make your dream room a reality"

DATE 5-27 2006

I, we hereby accept your proposal to furnish all labor and materials necessary to perform the following work on the premises of the Owner Melissa Seader located at 38 West Lawn Rd. in the City of Fort Randall State of ME Zip 04103 Tele: 797-0870
856-8609

This contract shall be considered non-cancelable after legal cancellation period has expired.

THE WORK TO CONSIST OF:

ADI will stabilize existing deck in prep for the installation of a 10' x 12' x 10', single slope, year round certified Sunroom. Room is Sandstone Breeze, Roof is R-41 insulated & shingled. Trip GLASS & Glass Kneewalls included. Two sliding doors will be installed. Windows are sliders w/ screens & catches. Gutter & down spout. Customer must supply acceptable plot plan, price includes all coupons etc. no other discounts apply. Price is fixed. Under deck will be insulated & sealed, 1/2" OSB layed over floor of deck. All glass is dual glazed w/ low E & argon gas. ADI will secure wood vine cover to room. ADI is not responsible for existing defects, IE: wood rot or insect damage etc.

All glass wall units are insulated (double or triple glazed). Frames are thermally broken however, relative to heating and air conditioning, this product will not perform or meet the R-values (energy efficiency) as found in conventional wood framed construction.

MS
 (Initials)

Seller agrees to furnish labor and materials at Buyer's request, and for the contract amount, to complete the work described above, subject to the terms and conditions which appear on both Page 1 & Page 2 and on the REVERSE sides of this contract.

Work to start approximately 8-12 weeks from the date of this contract and to be completed approximately 2 weeks after commencement if not delayed by building permit, delivery of materials, weather, strikes, fires, or other conditions beyond Seller's control. The completion date is not of the essence.

Buyer represents and warrants that legal title to the property, which is to be improved, is in the following owner(s):

- Melissa Seader
-

NOTICES

I, Seller and/or all subcontractors, if any, who perform on this contract, and who are not paid, may have a claim against you which may be enforced against the property being improved in accordance with the applicable lien laws.

If a dispute arises concerning the provisions of said Contract or the performance of the parties, then the parties agree to settle the dispute by jointly paying for Binding arbitration as regulated by the Maine Uniform Arbitration Act, with the parties agreeing to accept as final the arbitrator's decision.

Contractor [Signature] Owner Melissa A Seader

NOTICE: The signatures of the parties above apply ONLY to the agreement of the parties to alternative dispute settlement initiated by the contractor. The owner may initiate alternative dispute resolution even where this section is not separately signed by the parties.

WHERE REQUIRED HOMEOWNER TO GET PERMIT. Source of Sale: _____

Contract Price \$ 17,300
 Down Payment \$ 1,190

THE DOWN PAYMENT SHALL BE A NONREFUNDABLE DEPOSIT ONCE THE THREE DAY CANCELLATION PERIOD HAS EXPIRED. THIS CONTRACT CONSTITUTES THE

Existing Deck

DECK SKETCH

SEADER PROJECT

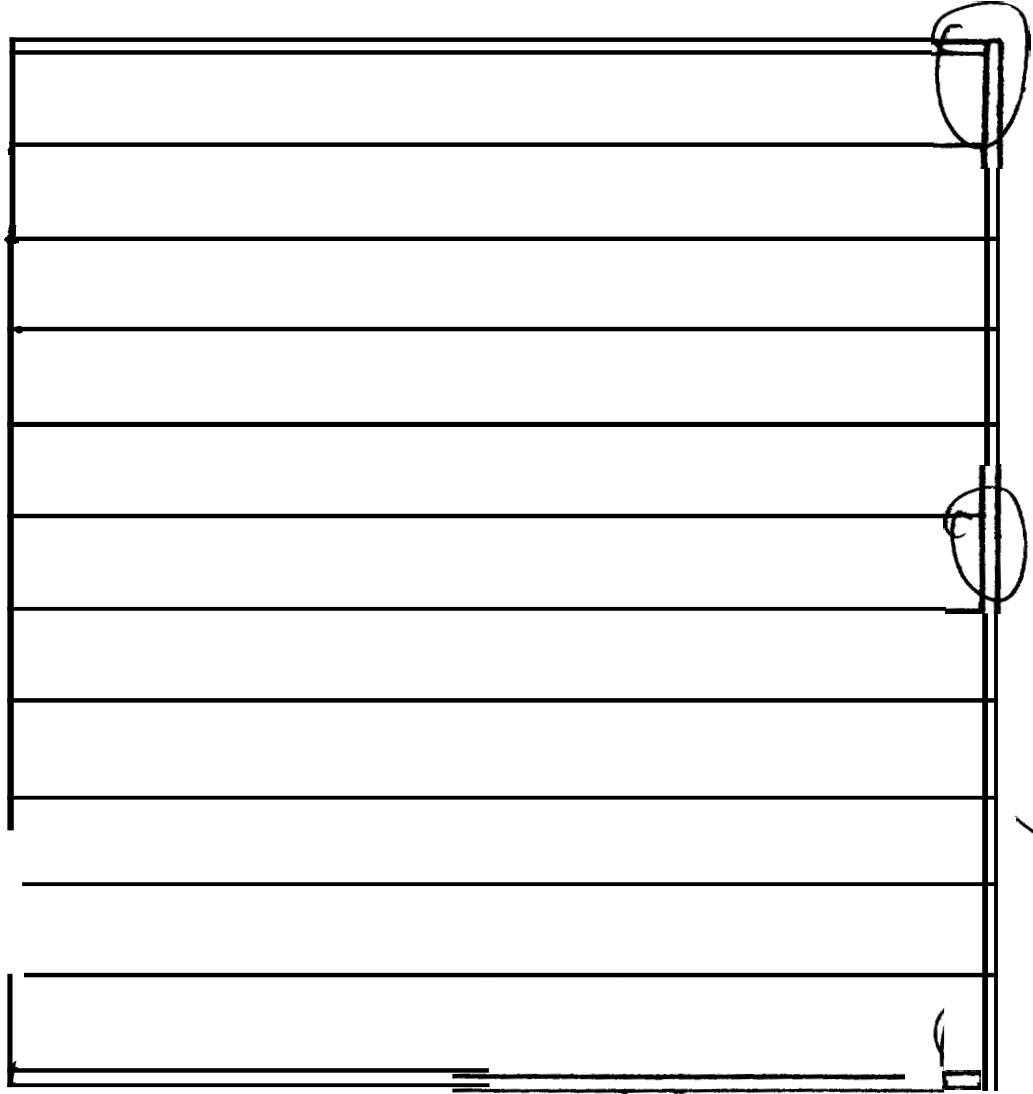
38 West Cir - 00

ME

AMERICAN DREAMSPACE INC.
Patio Enclosure#
1725 Main St. Unit #9
Sauford Maine 04073
207-324-6700
7-54-PATIO
(72846)

www.americandreamspace.com

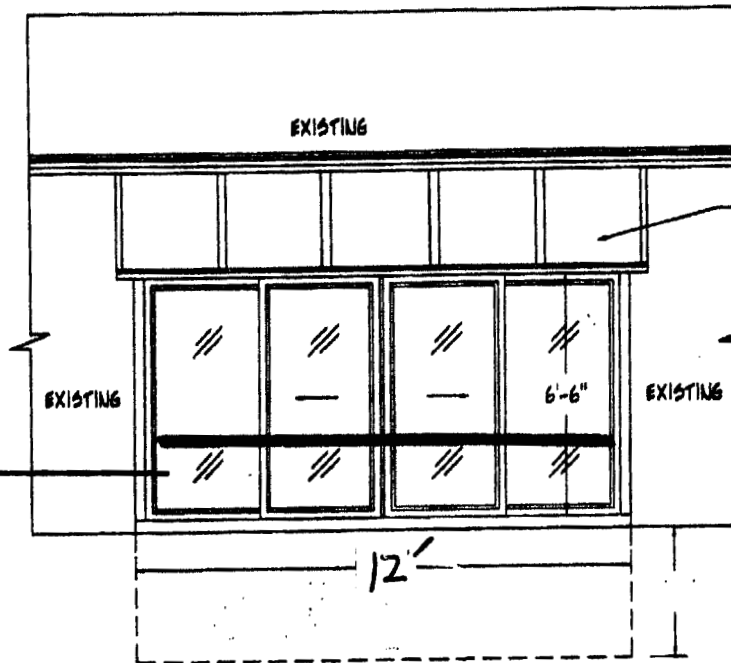
- 1) All PT weather
- 2) 2"x10" Joists
- 3) 4x4 Posts
- 4) Spacing 3 Tubes
4' Depth
- 5) Double Rim Joists
- 6) 2"x10" Decking
- 7) 1/2" Plywood
floor
- 8) All 16" on Center



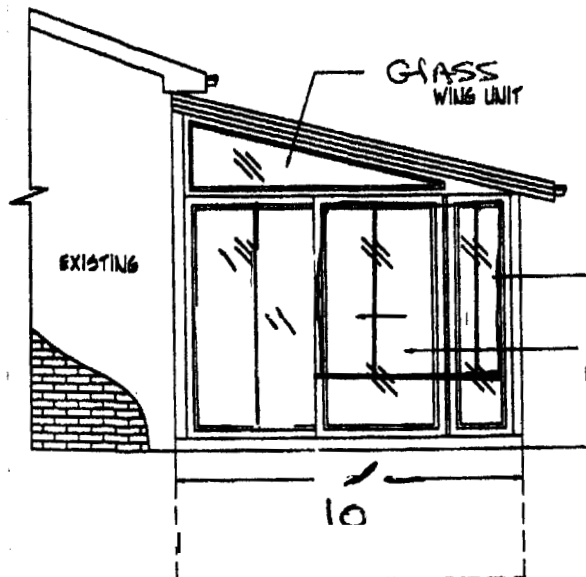
C

2-2x10's 12'

AMERICAN DREAMSPACE INC.
 Patio Enclosures
 1726 Main St. Unit #9
 Sanford Maine 04073
 207-324-6700
 677-54-PATIO
 (72846)
 www.americandreamspace.com



6" 3ply Solid
 Roof w/ metal
 I-Beam



SLIDING WINDOWS

B-WALL ELEVATION

A-WALL ELEVATION

NOTES:

- ① NO HEAT, PLUMBING OR ELECTRIC
- ② ONTO EXISTING DECK

SEADER 38 Westcaww Rd. Portland ME	DRAWN Bel
	DATE 5/28/06
	SCALE 1/4" = 1'-0"

Roof Span Chart

AMERICAN DREAMSPACE INC.
 1725 Main St. Unit #9
 Sanford Maine 04078
 207-324-6700
 877-54-PATIO (72846)
www.americandreamspace.com

AMERICAN DREAMSPACE INC.
 1725 Main St. Unit #9
 Sanford Maine 04078
 207-324-6700
 877-54-PATIO (72846)
www.americandreamspace.com

TABLE "B": NON-BEARING WALL SECTION - 8

MAXIMUM TRIBUTARY WIDTH	MAXIMUM MILLION HEIGHT	MAXIMUM MILLION HEIGHT
28	10.0	10.0
42	15.4	15.4
56	20.8	20.8
70	26.2	26.2
84	31.6	31.6
98	37.0	37.0
112	42.4	42.4
126	47.8	47.8
140	53.2	53.2
154	58.6	58.6
168	64.0	64.0
182	69.4	69.4
196	74.8	74.8
210	80.2	80.2
224	85.6	85.6
238	91.0	91.0
252	96.4	96.4
266	101.8	101.8
280	107.2	107.2
294	112.6	112.6
308	118.0	118.0
322	123.4	123.4
336	128.8	128.8
350	134.2	134.2
364	139.6	139.6
378	145.0	145.0
392	150.4	150.4
406	155.8	155.8
420	161.2	161.2
434	166.6	166.6
448	172.0	172.0
462	177.4	177.4
476	182.8	182.8
490	188.2	188.2
504	193.6	193.6
518	199.0	199.0
532	204.4	204.4
546	209.8	209.8
560	215.2	215.2
574	220.6	220.6
588	226.0	226.0
602	231.4	231.4
616	236.8	236.8
630	242.2	242.2
644	247.6	247.6
658	253.0	253.0
672	258.4	258.4
686	263.8	263.8
700	269.2	269.2
714	274.6	274.6
728	280.0	280.0
742	285.4	285.4
756	290.8	290.8
770	296.2	296.2
784	301.6	301.6
798	307.0	307.0
812	312.4	312.4
826	317.8	317.8
840	323.2	323.2
854	328.6	328.6
868	334.0	334.0
882	339.4	339.4
896	344.8	344.8
910	350.2	350.2
924	355.6	355.6
938	361.0	361.0
952	366.4	366.4
966	371.8	371.8
980	377.2	377.2
994	382.6	382.6
1008	388.0	388.0
1022	393.4	393.4
1036	398.8	398.8
1050	404.2	404.2
1064	409.6	409.6
1078	415.0	415.0
1092	420.4	420.4
1106	425.8	425.8
1120	431.2	431.2
1134	436.6	436.6
1148	442.0	442.0
1162	447.4	447.4
1176	452.8	452.8
1190	458.2	458.2
1204	463.6	463.6
1218	469.0	469.0
1232	474.4	474.4
1246	479.8	479.8
1260	485.2	485.2
1274	490.6	490.6
1288	496.0	496.0
1302	501.4	501.4
1316	506.8	506.8
1330	512.2	512.2
1344	517.6	517.6
1358	523.0	523.0
1372	528.4	528.4
1386	533.8	533.8
1400	539.2	539.2
1414	544.6	544.6
1428	550.0	550.0
1442	555.4	555.4
1456	560.8	560.8
1470	566.2	566.2
1484	571.6	571.6
1498	577.0	577.0
1512	582.4	582.4
1526	587.8	587.8
1540	593.2	593.2
1554	598.6	598.6
1568	604.0	604.0
1582	609.4	609.4
1596	614.8	614.8
1610	620.2	620.2
1624	625.6	625.6
1638	631.0	631.0
1652	636.4	636.4
1666	641.8	641.8
1680	647.2	647.2
1694	652.6	652.6
1708	658.0	658.0
1722	663.4	663.4
1736	668.8	668.8
1750	674.2	674.2
1764	679.6	679.6
1778	685.0	685.0
1792	690.4	690.4
1806	695.8	695.8
1820	701.2	701.2
1834	706.6	706.6
1848	712.0	712.0
1862	717.4	717.4
1876	722.8	722.8
1890	728.2	728.2
1904	733.6	733.6
1918	739.0	739.0
1932	744.4	744.4
1946	749.8	749.8
1960	755.2	755.2
1974	760.6	760.6
1988	766.0	766.0
2002	771.4	771.4
2016	776.8	776.8
2030	782.2	782.2
2044	787.6	787.6
2058	793.0	793.0
2072	798.4	798.4
2086	803.8	803.8
2100	809.2	809.2
2114	814.6	814.6
2128	820.0	820.0
2142	825.4	825.4
2156	830.8	830.8
2170	836.2	836.2
2184	841.6	841.6
2198	847.0	847.0
2212	852.4	852.4
2226	857.8	857.8
2240	863.2	863.2
2254	868.6	868.6
2268	874.0	874.0
2282	879.4	879.4
2296	884.8	884.8
2310	890.2	890.2
2324	895.6	895.6
2338	901.0	901.0
2352	906.4	906.4
2366	911.8	911.8
2380	917.2	917.2
2394	922.6	922.6
2408	928.0	928.0
2422	933.4	933.4
2436	938.8	938.8
2450	944.2	944.2
2464	949.6	949.6
2478	955.0	955.0
2492	960.4	960.4
2506	965.8	965.8
2520	971.2	971.2
2534	976.6	976.6
2548	982.0	982.0
2562	987.4	987.4
2576	992.8	992.8
2590	998.2	998.2
2604	1003.6	1003.6
2618	1009.0	1009.0
2632	1014.4	1014.4
2646	1019.8	1019.8
2660	1025.2	1025.2
2674	1030.6	1030.6
2688	1036.0	1036.0
2702	1041.4	1041.4
2716	1046.8	1046.8
2730	1052.2	1052.2
2744	1057.6	1057.6
2758	1063.0	1063.0
2772	1068.4	1068.4
2786	1073.8	1073.8
2800	1079.2	1079.2
2814	1084.6	1084.6
2828	1090.0	1090.0
2842	1095.4	1095.4
2856	1100.8	1100.8
2870	1106.2	1106.2
2884	1111.6	1111.6
2898	1117.0	1117.0
2912	1122.4	1122.4
2926	1127.8	1127.8
2940	1133.2	1133.2
2954	1138.6	1138.6
2968	1144.0	1144.0
2982	1149.4	1149.4
2996	1154.8	1154.8
3010	1160.2	1160.2
3024	1165.6	1165.6
3038	1171.0	1171.0
3052	1176.4	1176.4
3066	1181.8	1181.8
3080	1187.2	1187.2
3094	1192.6	1192.6
3108	1198.0	1198.0
3122	1203.4	1203.4
3136	1208.8	1208.8
3150	1214.2	1214.2
3164	1219.6	1219.6
3178	1225.0	1225.0
3192	1230.4	1230.4
3206	1235.8	1235.8
3220	1241.2	1241.2
3234	1246.6	1246.6
3248	1252.0	1252.0
3262	1257.4	1257.4
3276	1262.8	1262.8
3290	1268.2	1268.2
3304	1273.6	1273.6
3318	1279.0	1279.0
3332	1284.4	1284.4
3346	1289.8	1289.8
3360	1295.2	1295.2
3374	1300.6	1300.6
3388	1306.0	1306.0
3402	1311.4	1311.4
3416	1316.8	1316.8
3430	1322.2	1322.2
3444	1327.6	1327.6
3458	1333.0	1333.0
3472	1338.4	1338.4
3486	1343.8	1343.8
3500	1349.2	1349.2
3514	1354.6	1354.6
3528	1360.0	1360.0
3542	1365.4	1365.4
3556	1370.8	1370.8
3570	1376.2	1376.2
3584	1381.6	1381.6
3598	1387.0	1387.0
3612	1392.4	1392.4
3626	1397.8	1397.8
3640	1403.2	1403.2
3654	1408.6	1408.6
3668	1414.0	1414.0
3682	1419.4	1419.4
3696	1424.8	1424.8
3710	1430.2	1430.2
3724	1435.6	1435.6
3738	1441.0	1441.0
3752	1446.4	1446.4
3766	1451.8	1451.8
3780	1457.2	1457.2
3794	1462.6	1462.6
3808	1468.0	1468.0
3822	1473.4	1473.4
3836	1478.8	1478.8
3850	1484.2	1484.2
3864	1489.6	1489.6
3878	1495.0	1495.0
3892	1500.4	1500.4
3906	1505.8	1505.8
3920	1511.2	1511.2
3934	1516.6	1516.6
3948	1522.0	1522.0
3962	1527.4	1527.4
3976	1532.8	1532.8
3990	1538.2	1538.2
4004	1543.6	1543.6
4018	1549.0	1549.0
4032	1554.4	1554.4
4046	1559.8	1559.8
4060	1565.2	1565.2
4074	1570.6	1570.6
4088	1576.0	1576.0
4102	1581.4	1581.4
4116	1586.8	1586.8
4130	1592.2	1592.2
4144	1597.6	1597.6
4158	1603.0	1603.0
4172	1608.4	1608.4
4186	1613.8	1613.8
4200	1619.2	1619.2
4214	1624.6	1624.6
4228	1630.0	1630.0
4242	1635.4	1635.4
4256	1640.8	1640.8
4270	1646.2	1646.2
4284	1651.6	1651.6
4298	1657.0	1657.0
4312	1662.4	1662.4
4326	1667.8	1667.8
4340	1673.2	1673.2
4354	1678.6	1678.6
4368	1684.0	1684.0
4382	1689.4	1689.4
4396	1694.8	1694.8
4410	1700.2	1700.2
4424	1705.6	1705.6
4438	1711.0	1711.0
4452	1716.4	1716.4
4466	1721.8	1721.8
4480	1727.2	1727.2
4494	1732.6	1732.6
4508	1738.0	1738.0
4522	1743.4	1743.4
4536	1748.8	1748.8
4550	1754.2	1754.2
4564	1759.6	1759.6
4578	1765.0	1765.0
4592	1770.4	1770.4
4606	1775.8	1775.8
4620	1781.2	1781.2
4634	1786.6	1786.6
4648	1792.0	1792.0
4662	1797.4	1797.4
4676	1802.8	1802.8
4690	1808.2	1808.2
4704	1813.6	1813.6
4718	1819.0	1819.0
4732	1824.4	1824.4
4746	1829.8	1829.8
4760	1835.2	1835.2
4774	1840.6	1840.6
4788	1846.0	1846.0
4802	1851.4	1851.4
4816	1856.8	1856.8
4830	1862.2	1862.2
4844	1867.6	186

ENGINEERING PACKAGE



DREAMSPACE[®] 3100

www.americandreamspace.com

207-924-6700
877-54-PATIO
(728463)

AMERICAN DREAMSPACE, INC.
Patio Enclosures
1725 Main St. Unit #9
Sanford Maine 04073

COVER
BY LUBNER
NOV 2003

DREAMSPACE 3100
3.00" ENCLOSURE
SECTION DETAILS

DREAMSPACE[®]
PATIO ENCLOSURES
Make Your Dreams Come Alive!

THERMAL INDUSTRIES, INC.
3700 HANEY COURT • MURRYSVILLE • PENNSYLVANIA 15068
724-733-3880 FAX 724-327-8317

DONALD EISEL, P.E.
AMERIC TECHNOLOGY CORP.
430 NORTH BIRTH STREET
PHILADELPHIA, PA 19103 215-628-0828

ALABAMA 22381 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 1233	ALASKA 22381 D. D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 5250	ARIZONA 31727 Registered Professional Engineer DONALD DAVID MEISEL No. 3377	ARKANSAS 3884 REGISTERED PROFESSIONAL ENGINEER DONALD D. MEISEL No. 3524	CALIFORNIA 28511 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 88511	CONNECTICUT 18619 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 38619
DELAWARE 1313 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 1233	DISTRICT OF COLUMBIA 5250 D. D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 5250	FLORIDA 4308 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 4308	GEORGIA 02184 REGISTERED PROFESSIONAL ENGINEER DONALD D. MEISEL No. 2284	HAWAII 2782 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 2782	ILLINOIS 828 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 828
ILLINOIS APRIL STAMP WALTER R. LUNSTON REGISTERED ARCHITECT 001-017897	INDIANA 12379 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 12379	IOWA 12379 REGISTERED PROFESSIONAL ENGINEER DONALD D. MEISEL No. 12379	KANSAS 12184 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 12184	KENTUCKY 12184 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 12184	LOUISIANA 2782 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 2782
MAINE 1313 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 1313	MARYLAND 3884 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 3884	MASSACHUSETTS 31716 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 31716	MISSISSIPPI 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	MISSOURI 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728
MICHIGAN 3884 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 3884	MINNESOTA 1985-4 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 1985-4	MISSOURI 31716 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 31716	MISSOURI 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	MISSOURI 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728
MISSOURI 31716 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 31716	NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728
NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728
NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728
NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEW HAMPSHIRE 8878 DONALD DAVID MEISEL REGISTERED PROFESSIONAL ENGINEER No. 8878	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728	NEBRASKA 13728 DONALD D. MEISEL REGISTERED PROFESSIONAL ENGINEER No. 13728

Table of Contents

Professional Engineer Stamps	1-2	page
Note and Specifications	3	
Plan and Elevation	4	
System Components	5	
Section Details	6-7	
Loading Charts	8-20	

Donald D. Meisel 5-2-03
DONALD MEISEL P.E. DATE

			<i>Donald D. Meisel</i>

Table of Contents

Professional Engineer Stamps	page
Note and Specifications	1-2
Plan and Elevation	3
System Components	4
Section Details	5
Loading Charts	6-7
	8-20

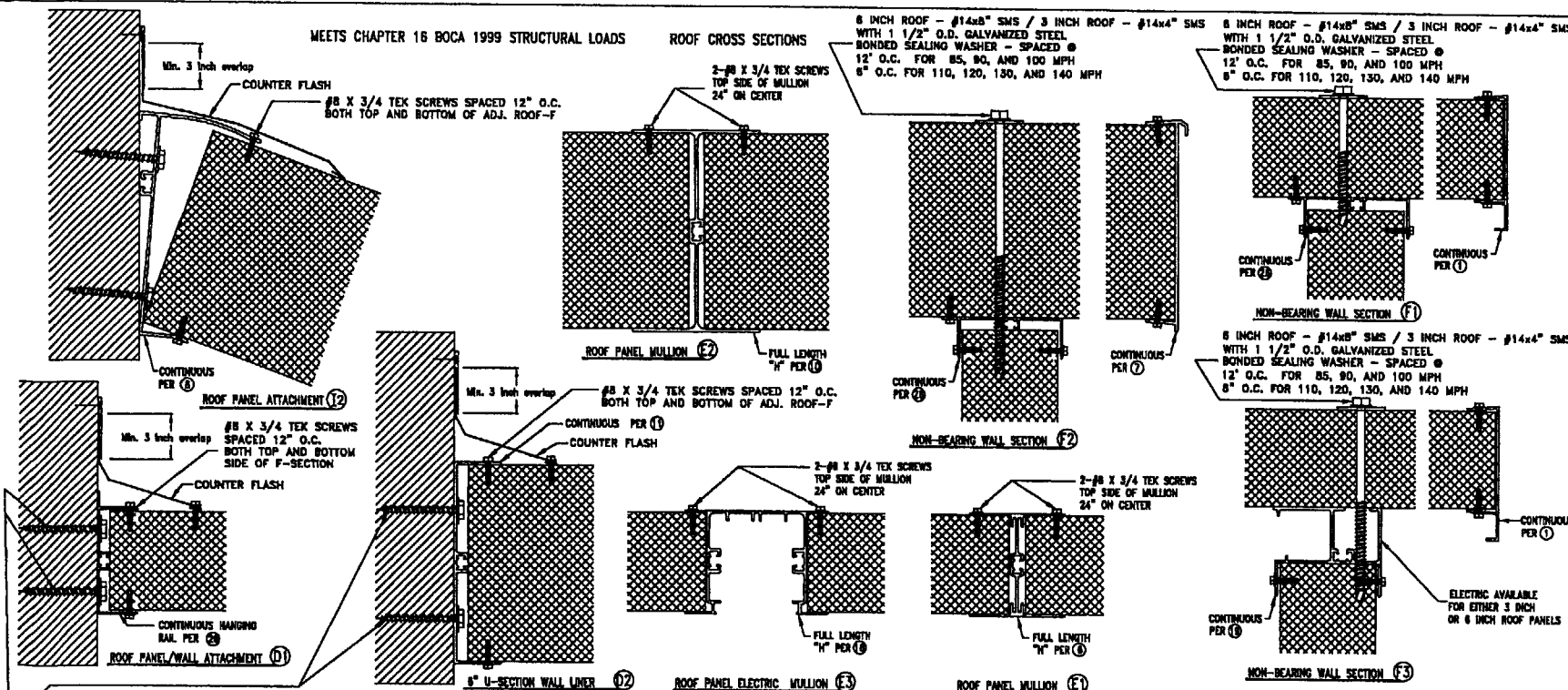
Donald D. Meisel 2-5-03
DONALD MEISEL P.E. DATE

MEETS CHAPTER 16 BOCA 1999 STRUCTURAL LOADS

ROOF CROSS SECTIONS

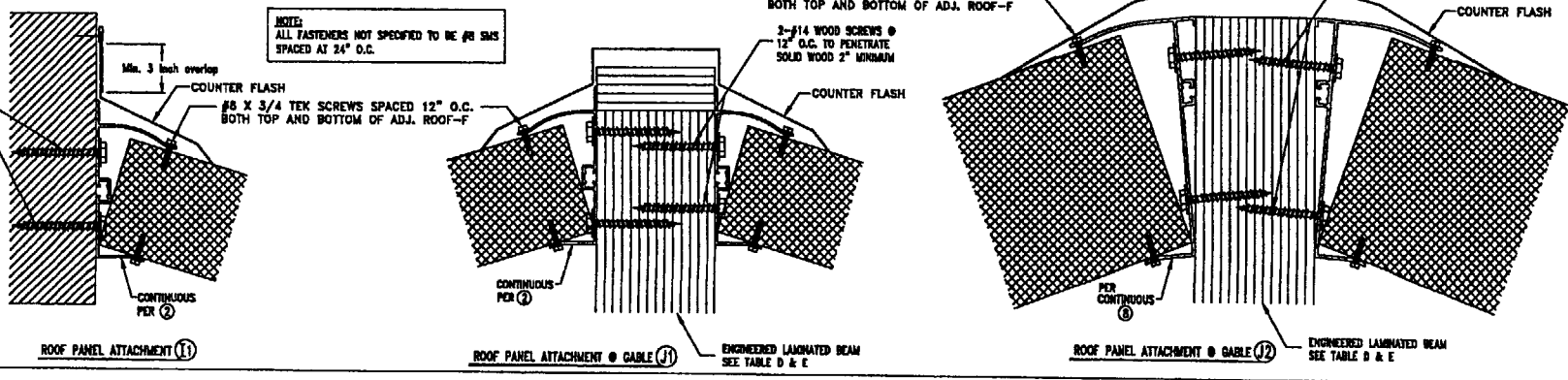
6 INCH ROOF - #14x8" SMS / 3 INCH ROOF - #14x4" SMS
 WITH 1 1/2" O.D. GALVANIZED STEEL BONDED SEALING WASHER - SPACED @ 12" O.C. FOR 85, 90, AND 100 MPH
 8" O.C. FOR 110, 120, 130, AND 140 MPH

6 INCH ROOF - #14x8" SMS / 3 INCH ROOF - #14x4" SMS
 WITH 1 1/2" O.D. GALVANIZED STEEL BONDED SEALING WASHER - SPACED @ 12" O.C. FOR 85, 90, AND 100 MPH
 8" O.C. FOR 110, 120, 130, AND 140 MPH



- 1 - 1/4" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 1-3/4" MINIMUM UP TO 30 PSF LIVE LOAD
- 2 - 1/4" # WOOD SCREWS @ 18" O.C. TO PENETRATE SOLID WOOD 2" MINIMUM UP TO 40 PSF LIVE LOAD
- 3 - 5/16" # WOOD SCREWS @ 18" O.C. TO PENETRATE SOLID WOOD 2-1/2" MINIMUM UP TO 60 PSF LIVE LOAD
- 4 - 3/8" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 2-1/2" MINIMUM UP TO 70 PSF LIVE LOAD

NOTE:
 ALL FASTENERS NOT SPECIFIED TO BE #8 SMS SPACED AT 24" O.C.



DONALD MEISEL, P.E.
 AMERIC TECHNOLOGY CORP.
 438 NORTH 80TH STREET
 HAZLETON, PA 15113 814-824-8839

THERMAL INDUSTRIES, INC.
 3700 HANEY COURT • HUNTSVILLE • PENNSYLVANIA 15886
 724-733-8600 FAX 724-327-8517

DREAMSPACE
 PATIO ENCLOSURES
 Make Your Dream Come Alive!

DREAMSPACE 3100
 3.00" ENCLOSURE
 SECTION DETAILS

DATE: FEB. 2003
 DRAWING NO: DS-3100
 DRAWN BY: ED UHRINEK
 DATE: 1/2003

Sheet 4
 7 OF 20

**SNOW & WIND
LOADING CHARTS**

LOAD BEARINGWALL - SECTION G

TABLE "A-40S"

40 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-0"	9'-11"	8'-9"	7'-5"
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
120 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	18'-8"	17'-7"	16'-6"
	96"	19'-6"	18'-8"	17'-7"	16'-6"
	108"	19'-6"	18'-8"	17'-7"	16'-6"
48" C/C	84"	10'-8"	9'-7"	8'-5"	7'-1"
	88"	10'-8"	9'-7"	8'-5"	7'-1"
	96"	10'-8"	9'-7"	8'-5"	7'-1"
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
130 MPH WIND					
36" C/C	84"	16'-5"	15'-5"	14'-4"	13'-2"
	88"	16'-5"	15'-5"	14'-4"	13'-2"
	96"	16'-5"	15'-5"	14'-4"	13'-2"
	108"	---	---	---	---
48" C/C	84"	8'-9"	7'-8"	6'-5"	---
	88"	8'-9"	7'-8"	6'-5"	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
140 MPH WIND					
36" C/C	84"	13'-11"	12'-10"	11'-9"	10'-7"
	88"	13'-11"	12'-10"	11'-9"	10'-7"
	96"	13'-11"	12'-10"	11'-9"	10'-7"
	108"	---	---	---	---
48" C/C	84"	7'-4"	6'-3"	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

DONALD WEISEL, P.E.
AMERIC TECHNOLOGY CORP.
431 NORTH BRITH STREET
PHILADELPHIA, PA 19122 715-284-8858

THERMAL INDUSTRIES, INC.
3700 HANEY • MURRYSVILLE • PENNSYLVANIA 15668
PHONE 724-733-3880 FAX 724-327-9317

DREAMSPACE
PARTO ENCLOSURES
Make Your Dream Come True!

DREAMSPACE 3100
3.00" ENCLOSURE
LOADING CHARTS

Date: Feb. 2003
JOB NO.: DSS100
BY: BYK
FILE NAME:
DSS100_A-40
12 OF 20

Table "B":

NON-BEARING WALL MULLION SECTION - B			
MAXIMUM TRIBUTARY WIDTH	MAXIMUM MULLION HEIGHT (FT.)	MAXIMUM TRIBUTARY WIDTH	MAXIMUM MULLION HEIGHT (FT.)
85 MPH WIND LOAD			
36	15'-4"	36	10'-10"
42	14'-2"	42	10'-0"
48	13'-3"	48	9'-5"
54	12'-6"	54	8'-10"
60	11'-10"	60	8'-5"
66	11'-4"	66	8'-0"
72	10'-10"	72	7'-8"
90 MPH WIND LOAD			
36	14'-6"	36	10'-0"
42	13'-5"	42	9'-3"
48	12'-7"	48	8'-8"
54	11'-10"	54	8'-2"
60	11'-3"	60	7'-9"
66	10'-8"	66	7'-5"
72	10'-3"	72	7'-1"
100 MPH WIND LOAD			
36	13'-0"	36	9'-4"
42	12'-1"	42	8'-7"
48	11'-3"	48	8'-1"
54	10'-8"	54	7'-7"
60	10'-1"	60	7'-1"
66	9'-7"	66	6'-8"
72	9'-2"	72	6'-4"
110 MPH WIND LOAD			
36	11'-10"		
42	10'-11"		
48	10'-3"		
54	9'-8"		
60	9'-2"		
66	8'-9"		
72	8'-4"		

TRIBUTARY WIDTH IS DEFINED AS THE MAXIMUM DISTANCE THAT ONE COLUMN WILL CARRY AND IS MEASURED WITHIN THE NON-LOAD BEARING WALL HORIZONTALLY FROM THE CENTER OF ONE MODULE TO CENTER OF THE ADJACENT MODULE NOT INCLUDING FILL PANEL.

TABLE "C": ROOF PANEL SPAN TABLE - MAXIMUM ENCLOSURE PROJECTION																			
PANEL TYPE (3 INCH THICK)	DEAD LOAD (PSF)	DEFLECTION=L/120						DEFLECTION=L/180						DEFLECTION=L/240					
		DESIGN LOAD						DESIGN LOAD						DESIGN LOAD					
		20	30	40	50	60	70	20	30	40	50	60	70	20	30	40	50	60	70
3-PLY	1.1	15'-2"	12'-6"	10'-11"	9'-10"	9'-0"	8'-5"	12'-8"	10'-9"	9'-7"	8'-10"	8'-2"	7'-8"	11'-3"	9'-7"	8'-7"	7'-11"	7'-4"	6'-11"
4-PLY	2.5	16'-1"	13'-8"	12'-3"	11'-2"	10'-6"	9'-10"	13'-7"	11'-7"	10'-4"	9'-6"	8'-10"	8'-3"	12'-1"	10'-3"	9'-2"	8'-5"	7'-9"	7'-4"
4-PLY SKYLIGHT	2.5	14'-9"	12'-2"	10'-7"	9'-6"	8'-8"	8'-1"	12'-5"	10'-6"	9'-3"	8'-5"	7'-10"	7'-4"	11'-0"	9'-5"	8'-5"	7'-9"	7'-2"	6'-9"
5-PLY	4.1	17'-4"	14'-11"	13'-4"	12'-3"	11'-5"	10'-9"	14'-9"	12'-8"	11'-4"	10'-5"	9'-9"	9'-2"	13'-2"	11'-3"	10'-1"	9'-3"	8'-8"	8'-2"
5-PLY SKYLIGHT	4.1	15'-6"	13'-3"	11'-10"	10'-10"	10'-2"	9'-7"	13'-1"	11'-2"	10'-0"	9'-2"	8'-6"	8'-0"	11'-7"	9'-10"	8'-10"	8'-1"	7'-5"	7'-1"
(6 INCH THICK)																			
3-PLY	1.2	16'-3"	14'-7"	13'-0"	11'-8"	10'-5"	9'-4"	16'-3"	14'-7"	13'-0"	11'-8"	10'-5"	9'-4"	16'-3"	14'-1"	12'-3"	10'-7"	9'-2"	7'-11"
4-PLY	2.9	20'-0"	20'-0"	18'-11"	15'-6"	12'-9"	10'-6"	19'-2"	17'-0"	15'-2"	13'-5"	11'-11"	10'-7"	16'-11"	15'-0"	13'-3"	11'-9"	10'-5"	9'-3"
4-PLY SKYLIGHT	2.9	17'-9"	15'-7"	13'-8"	12'-0"	10'-6"	9'-3"	17'-9"	15'-7"	13'-8"	12'-0"	10'-6"	9'-3"	16'-10"	14'-6"	12'-6"	10'-9"	9'-3"	8'-0"
SHINGLE READY	2.5	20'-0"	18'-3"	15'-8"	13'-5"	11'-6"	9'-11"	18'-5"	16'-2"	14'-3"	12'-6"	10'-11"	9'-7"	17'-0"	14'-1"	11'-9"	9'-9"	8'-2"	6'-9"
SR SKYLIGHT	2.5	17'-9"	15'-7"	13'-8"	12'-0"	10'-6"	9'-3"	17'-8"	15'-6"	13'-8"	12'-0"	10'-6"	9'-3"	15'-10"	13'-9"	12'-0"	10'-8"	9'-1"	7'-11"

3-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH EXPANDED POLYSTYRENE CORE 1.5 LB DENSITY FOR 3 INCH AND 1.0 LB DENSITY FOR 6 INCH.
 4-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH ONE SHEET 7/16" ORIENTED STRAND BOARD(OSB) AND EXPANDED POLYSTYRENE CORE 1.5 LB DENSITY FOR 3 INCH AND 1.0 LB DENSITY FOR 6 INCH (OSB INSTALLED TO EXTERIOR SIDE).
 SHINGLE READY(SR) USES ONE 0.024" 3105-H154 ALUMINUM SKIN WITH ONE SHEET 7/16" ORIENTED STRAND BOARD(OSB) AND 1.0 LB DENSITY EXPANDED POLYSTYRENE CORE (OSB INSTALLED TO EXTERIOR SIDE).
 5-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH TWO SHEETS 7/16" ORIENTED STRAND BOARD(OSB) AND 1.5 LB DENSITY POLYSTYRENE CORE.
 WHEN USING THE ABOVE TABLE, ONE MUST VERIFY WHAT LOCAL BUILDING CODE REQUIRES. MAXIMUM PANEL OVERHANG IS 2'-0".
 THIS TABLE SHALL BE USED WITH EXTREME CAUTION AND CONSIDERATION SHALL BE GIVEN FOR ANY OTHER LOADS WHICH MAY REDUCE SPAN.

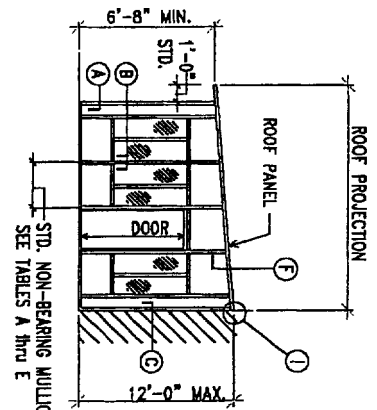
TABLE "D": ALLOWABLE SPAN (ROOM PROJECTION) FOR: 3-1/2" X 9-1/2" ENGINEERED LAMINATED RIDGE BEAM											
DESIGN LOAD	ROOM WIDTH										
		11'-0"	14'-0"	17'-0"	20'-0"	23'-0"	26'-0"	29'-0"	32'-0"	35'-0"	38'-0"
20 PSF	21'-4"	19'-8"	18'-5"	17'-6"	16'-8"	16'-0"	15'-5"	14'-11"	14'-6"	14'-1"	13'-9"
30 PSF	19'-0"	17'-6"	16'-5"	15'-7"	14'-10"	14'-3"	13'-9"	13'-4"	12'-9"	12'-3"	11'-9"
40 PSF	17'-5"	16'-1"	15'-1"	14'-3"	13'-7"	13'-0"	12'-4"	11'-8"	11'-2"	10'-9"	10'-4"
50 PSF	16'-3"	15'-0"	14'-1"	13'-4"	12'-6"	11'-9"	11'-1"	10'-6"	10'-1"	9'-8"	9'-4"
60 PSF	15'-4"	14'-2"	13'-4"	12'-3"	11'-5"	10'-8"	10'-3"	9'-8"	9'-3"	8'-11"	8'-6"
70 PSF	14'-7"	13'-6"	12'-4"	11'-4"	10'-8"	10'-0"	9'-6"	9'-1"	8'-7"	8'-3"	8'-0"

TABLE "E": ALLOWABLE SPAN (ROOM PROJECTION) FOR: 3-1/2" X 11-7/8" ENGINEERED LAMINATED RIDGE BEAM											
DESIGN LOAD	ROOM WIDTH										
		11'-0"	14'-0"	17'-0"	20'-0"	23'-0"	26'-0"	29'-0"	32'-0"	35'-0"	38'-0"
20 PSF	26'-8"	24'-7"	23'-1"	21'-10"	20'-10"	20'-0"	19'-4"	18'-8"	18'-2"	17'-8"	17'-2"
30 PSF	23'-9"	21'-11"	20'-6"	19'-5"	18'-7"	17'-10"	17'-2"	16'-5"	15'-9"	15'-1"	14'-6"
40 PSF	21'-9"	20'-1"	18'-10"	17'-10"	17'-1"	16'-1"	15'-2"	14'-6"	13'-10"	13'-3"	12'-9"
50 PSF	20'-4"	18'-9"	17'-7"	16'-6"	15'-5"	14'-6"	13'-9"	13'-1"	12'-6"	12'-0"	11'-6"
60 PSF	19'-3"	17'-9"	16'-5"	15'-2"	14'-2"	13'-4"	12'-7"	12'-0"	11'-6"	11'-0"	10'-7"
70 PSF	18'-4"	16'-10"	15'-4"	14'-1"	13'-2"	12'-4"	11'-8"	11'-2"	10'-8"	10'-3"	9'-10"

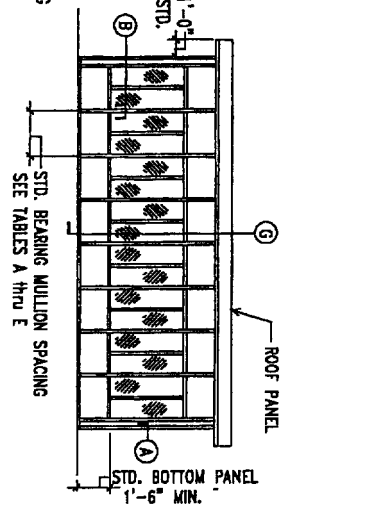
GANG-LAM S 3100 Fb 2 OE MEETS DEFLECTION OF L/240, BEAMS ARE TO BE CONTINUOUS (NO SPLICES)
 BEAM CONNECTION AND SUPPORT AT THE RESIDENCESIDE MUST BE DESIGNED BY OTHERS TO WITHSTAND THE SPECIFIED LOADS

TABLE "F": ALLOWABLE COLUMN LOAD IN POUNDS (SECTION-H)											
WIND (MPH)	COLUMN LENGTH										
		8'	9'	10'	11'	12'	13'	14'	15'		
90	13400	10500	8200	6400	5000	3900					
100	12800	9600	7300	5600	4200	3000					
110	11800	8900	6400	4800	3200	2100					
120	10500	7500	5300	3500	2100	1000					
130	9400	6400	4100	2400	1000	N/A					
140	8200	5200	2900	1100	N/A	N/A					

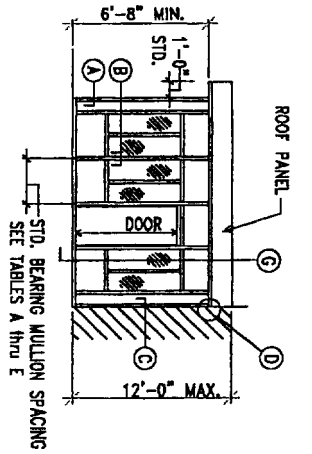
DONALD MEISEL, P.E.
 AMBIENT TECHNOLOGY CORP.
 400 NORTH BATH STREET
 PHILADELPHIA, PA. 19122 215-686-9833
 THERMAL INDUSTRIES, INC.
 3700 HANNEY / MURRYSVILLE / PENNSYLVANIA 15868
 PHONE 724-735-3880 FAX 724-327-5817
DREAMSPACE
 PATENT ENCLOSURE DESIGN
 P.O. Box 10000, Erie, PA 16512
 DREAMSPACE 3100
 3.0" ENCLOSURE
 LOADING CHARTS
 Date Feb. 2003
 JOB NO. DS3100
 BY: BVK
 FILE NAME
 DS3100_FINALPAGE
 20 OF 20



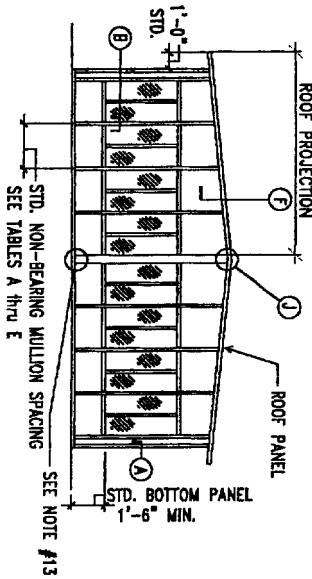
MARQUE (LEAN-TO)
ENCLOSURE END WALL ELEVATION
NON-LOAD BEARING



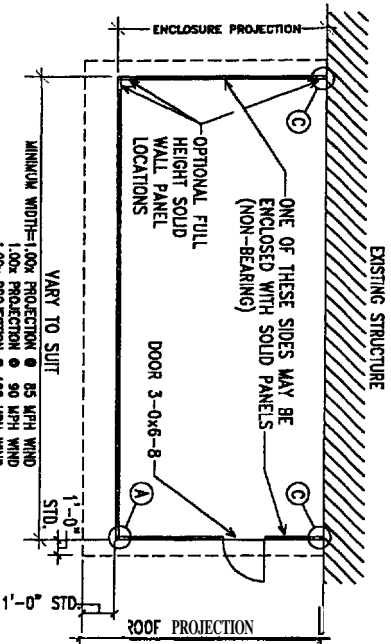
MARQUE (LEAN-TO)
ENCLOSURE FRONT WALL ELEVATION
LOAD BEARING



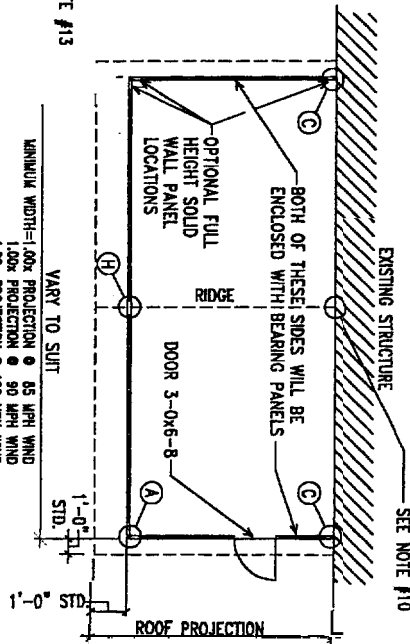
CATHEDRAL (GABLE)
ENCLOSURE PROJECTION WALL ELEVATION
LOAD BEARING



CATHEDRAL (GABLE)
ENCLOSURE FRONT WALL ELEVATION
NON-LOAD BEARING



TYPICAL MARQUE (LEAN-TO) ENCLOSURE PLAN

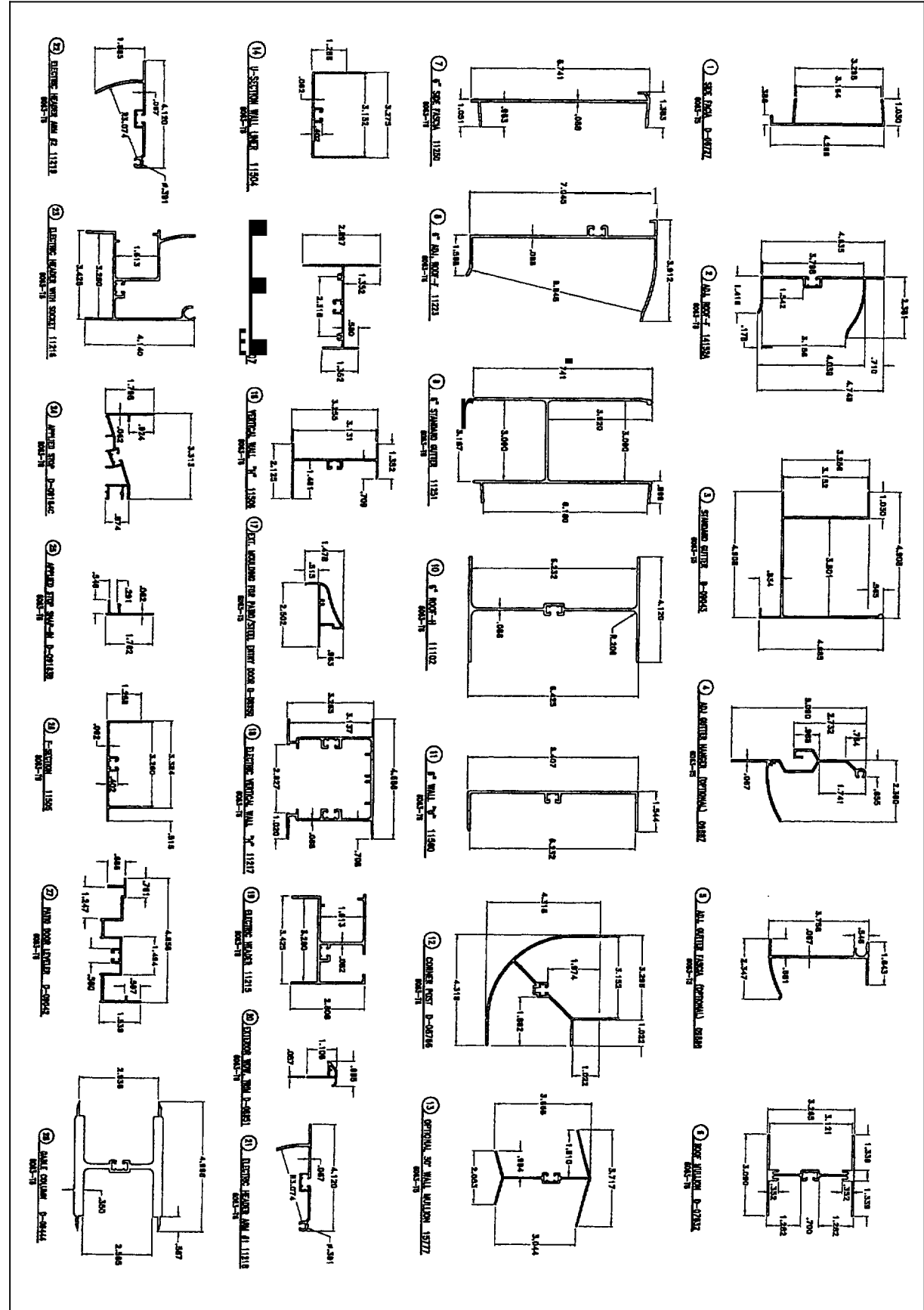


TYPICAL CATHEDRAL (GABLE) ENCLOSURE PLAN

NOTE:
ALL SECTIONS & DETAILS REFERENCED
HERE ARE SHOWN ON SHEET 3-S3
SEE NOTES #1 & 2

- VARY TO SUIT
- MINIMUM WIDTH=1,00x PROJECTION
 - 1,00x PROJECTION
 - 1,25x PROJECTION
 - 1,50x PROJECTION
 - 1,75x PROJECTION
 - 2,00x PROJECTION

- VARY TO SUIT
- MINIMUM WIDTH=1,00x PROJECTION
 - 1,00x PROJECTION
 - 1,25x PROJECTION
 - 1,50x PROJECTION
 - 1,75x PROJECTION
 - 2,00x PROJECTION



SNOW & WIND LOADING CHARTS

LOAD BEARING WALL - SECTION G

TABLE "A-40E"

40 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
110 MPH WIND					
36" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
48" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
60" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
72" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
120 MPH WIND					
36" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
48" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
60" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
72" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
130 MPH WIND					
36" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
48" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
60" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
72" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
140 MPH WIND					
36" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
48" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
60" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0
72" C/C	84"	19.6	19.0	18.6	18.0
	88"	19.6	19.0	18.6	18.0
	96"	19.6	19.0	18.6	18.0
	108"	19.6	19.0	18.6	18.0

**SNOW & WIND
LOADING CHARTS**

↳ D-BEARING J H-SCORING

TABLE "A-50S"

50 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
85 MPH WIND					
36" C/C	84"	16.7	15.7	14.6	13.4
	88"	16.7	15.7	14.6	13.4
	96"	16.7	15.7	14.6	13.4
	108"	16.7	15.7	14.6	13.4
48" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
60" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
72" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
110 MPH WIND					
36" C/C	84"	16.7	15.7	14.6	13.4
	88"	16.7	15.7	14.6	13.4
	96"	16.7	15.7	14.6	13.4
	108"	16.7	15.7	14.6	13.4
48" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
60" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
72" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
120 MPH WIND					
36" C/C	84"	16.5	15.5	14.4	13.2
	88"	16.5	15.5	14.4	13.2
	96"	16.5	15.5	14.4	13.2
	108"	16.5	15.5	14.4	13.2
48" C/C	84"	8.9	7.8	6.5	5.3
	88"	8.9	7.8	6.5	5.3
	96"	8.9	7.8	6.5	5.3
	108"	8.9	7.8	6.5	5.3
60" C/C	84"	8.9	7.8	6.5	5.3
	88"	8.9	7.8	6.5	5.3
	96"	8.9	7.8	6.5	5.3
	108"	8.9	7.8	6.5	5.3
72" C/C	84"	8.9	7.8	6.5	5.3
	88"	8.9	7.8	6.5	5.3
	96"	8.9	7.8	6.5	5.3
	108"	8.9	7.8	6.5	5.3

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
130 MPH WIND					
36" C/C	84"	13.11	12.10	11.9	10.7
	88"	13.11	12.10	11.9	10.7
	96"	13.11	12.10	11.9	10.7
	108"	13.11	12.10	11.9	10.7
48" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0
60" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0
72" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
140 MPH WIND					
36" C/C	84"	11.3	10.2	9.1	7.10
	88"	11.3	10.2	9.1	7.10
	96"	11.3	10.2	9.1	7.10
	108"	11.3	10.2	9.1	7.10
48" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0
60" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0
72" C/C	84"	7.4	6.3	5.1	4.0
	88"	7.4	6.3	5.1	4.0
	96"	7.4	6.3	5.1	4.0
	108"	7.4	6.3	5.1	4.0

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
110 MPH WIND					
36" C/C	84"	16.7	15.7	14.6	13.4
	88"	16.7	15.7	14.6	13.4
	96"	16.7	15.7	14.6	13.4
	108"	16.7	15.7	14.6	13.4
48" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
60" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5
72" C/C	84"	8.10	7.9	6.7	5.5
	88"	8.10	7.9	6.7	5.5
	96"	8.10	7.9	6.7	5.5
	108"	8.10	7.9	6.7	5.5

**SNOW & WIND
LOADING CHARTS**

LOAD BEARINGWALL - SECTION G

TABLE "A-50E"

50 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
85 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	---	---	---	---
	88"	10'-3"	9'-2"	8'-0"	6'-8"
	96"	16'-1"	15'-0"	13'-11"	12'-9"
	108"	16'-1"	15'-0"	13'-11"	12'-9"
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	10'-10"	9'-9"	8'-7"	7'-3"
	108"	8'-9"	7'-7"	6'-5"	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
90 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	---	---	---	---
	88"	10'-3"	9'-2"	8'-0"	6'-8"
	96"	16'-1"	15'-0"	13'-11"	12'-9"
	108"	12'-11"	11'-11"	10'-9"	9'-7"
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	10'-10"	9'-9"	8'-7"	7'-3"
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
100 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	16'-8"	15'-7"	14'-6"	13'-4"
60" C/C	84"	---	---	---	---
	88"	10'-3"	9'-2"	8'-0"	6'-8"
	96"	14'-9"	13'-9"	12'-7"	11'-5"
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
110 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	19'-6"	19'-0"	18'-1"	16'-11"
	108"	7'-7"	6'-6"	---	---
60" C/C	84"	---	---	---	---
	88"	10'-3"	9'-2"	8'-0"	6'-8"
	96"	7'-7"	6'-6"	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

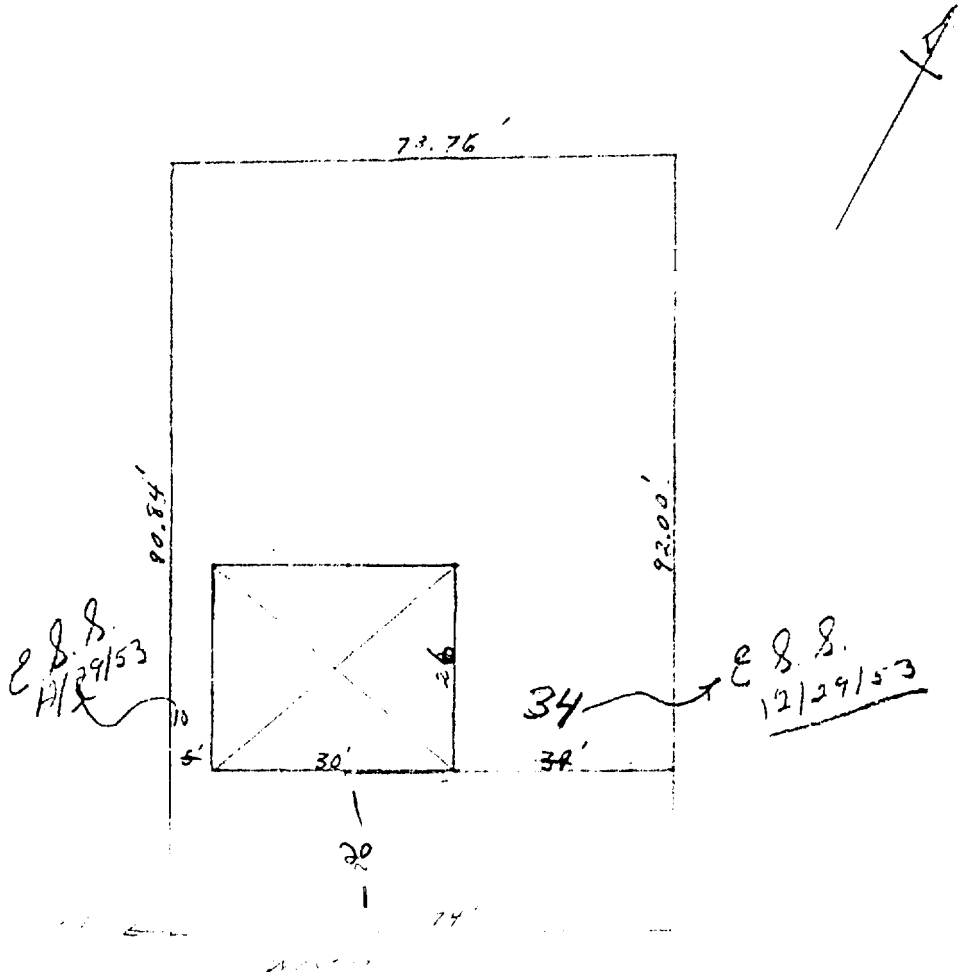
MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
120 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	16'-7"	15'-6"	14'-5"	13'-4"
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	11'-9"	10'-8"	9'-6"	8'-3"
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	8'-1"	6'-11"	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
130 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	---	---	---	---
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	12'-10"	11'-9"	10'-8"	9'-5"
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
MAXIMUM ENCLOSURE PROJECTION					
140 MPH WIND					
36" C/C	84"	17'-5"	16'-4"	15'-3"	14'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	11'-3"	10'-2"	9'-1"	7'-10"
	108"	---	---	---	---
48" C/C	84"	9'-4"	8'-3"	7'-0"	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

HERMAL INDUSTRIES, INC.
 3700 HANEY • MURRYSVILLE • PENNSYLVANIA 15068
 PHONE 724-733-3880 FAX 724-327-0317
 DONALD WEISEL, P.E.
 AMERIC TECHNOLOGY CORP.
 432 NORTH SIXTH STREET
 PHILADELPHIA, PA. 19123 215-594-9880

DREAMSPACE
 PATIO ENCLOSURES
 Also Now Offering Glass Railings
 DREAMSPACE 3100
 3.00" ENCLOSURE
 LOADING CHARTS
 Date: Feb. 2003
 JOB NO.: DS3100
 BY: BWK
 FILE NAME:
 DS3100_A-50
 15 OF 20



1/1/53

y3

901330

Permit # _____ City of Portland BUILDING PERMIT APPLICATION Fee \$55 Zone _____ Map # _____ Lot# _____
Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Thomas Seader Phone # 797-0870
Address: 38 Westlawn Rd; Ptld, ME 04103
LOCATION OF CONSTRUCTION: 38 Westlawn Rd.
Contractor: Westbrook Pool Sub: _____
Address: _____ Phone # _____
Est. Construction Cost: _____ **Proposed Use:** 1-fam w ing pool
 _____ **Past Use:** 1-fam
of Existing Res. Units _____ **# of New Res. Units** _____
Building Dimensions L _____ W _____ **Total Sq. Ft.** _____
Stories: _____ **# Bedrooms:** _____ **Lot Size:** _____
Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
Explain Conversion: Construct inground pool - 12'x24'

For Official Use Only

Date: 8/6/90 **Subdivision:** _____ **PERMIT ISSUED**
Inside Fire Limits: _____ **Name:** _____
Bldg Code: _____ **Lot:** 406 0 1980
Time Limit: _____ **Ownership:** _____ **Public**
Estimated Cost: 6500 **City Of Portland** **Private**

Zoning: R-3
Street Frontage Provided: _____
Provided Setbacks: Front _____ Back _____ Side _____ Side _____

Review Required:
Zoning Board Approval: Yes _____ No _____ **Date:** _____
Planning Board Approval: Yes _____ No _____ **Date:** _____
Conditional Use: _____ **Variance:** _____ **Site Plan:** _____ **Subdivision:** _____
Shoreland Zoning: Yes _____ No _____ **Floodplain:** Yes _____ No _____
Special Exception: _____
Other (Explain): OK WPA 8-8-90

Foundation:
 1. Type of Soil: _____
 2. Set Backs - Front _____ Rear _____ Side(s) _____
 3. Footings Size: _____
 4. Foundation S-i _____
 5. Other _____

Floor:
 1. Sills S i _____ Sills must be anchored
 2. Girder Size: _____
 3. Lally Column Spacing: _____ sic: _____
 4. Joists Size: _____ Spacing 16" O.C.
 5. Bridging Type: _____ Size: _____
 6. Floor Sheathing Type: _____ Size: _____
 7. Other Material: _____

Exterior Walls:
 1. Studding Size _____ Spacing _____
 2. No. windows _____
 3. No. Doors _____
 4. Header Sizes _____ Span(s) _____
 5. Bracing: Yes _____ No _____
 6. Corner Posts Size _____
 7. Insulation Type _____ S i _____
 8. Sheathing Type _____ Size _____
 9. Siding Type _____ Weather Exposure _____
 10. Masonry Materials _____
 11. Metal Materials _____

Interior Walls:
 1. Studding Size _____ Spacing _____
 2. Header Sizes _____ Span(s) _____
 3. Wall Covering Type _____
 4. Fire Wall if required _____
 5. Other Materials _____

Ceiling:
 1. Ceiling Joists Size: _____
 2. Ceiling Strapping Size: _____
 3. Type Ceilings: _____
 4. Insulation Type _____ Size: _____
 5. Ceiling Height: _____

Roof:
 1. Truss or Rafter Size _____ Span _____
 2. Sheathing Type _____ Size _____
 3. Roof Covering Type _____

Chimneys:
 Type: _____ Number of Fir Places _____

Heating:
 Type of Heat: _____

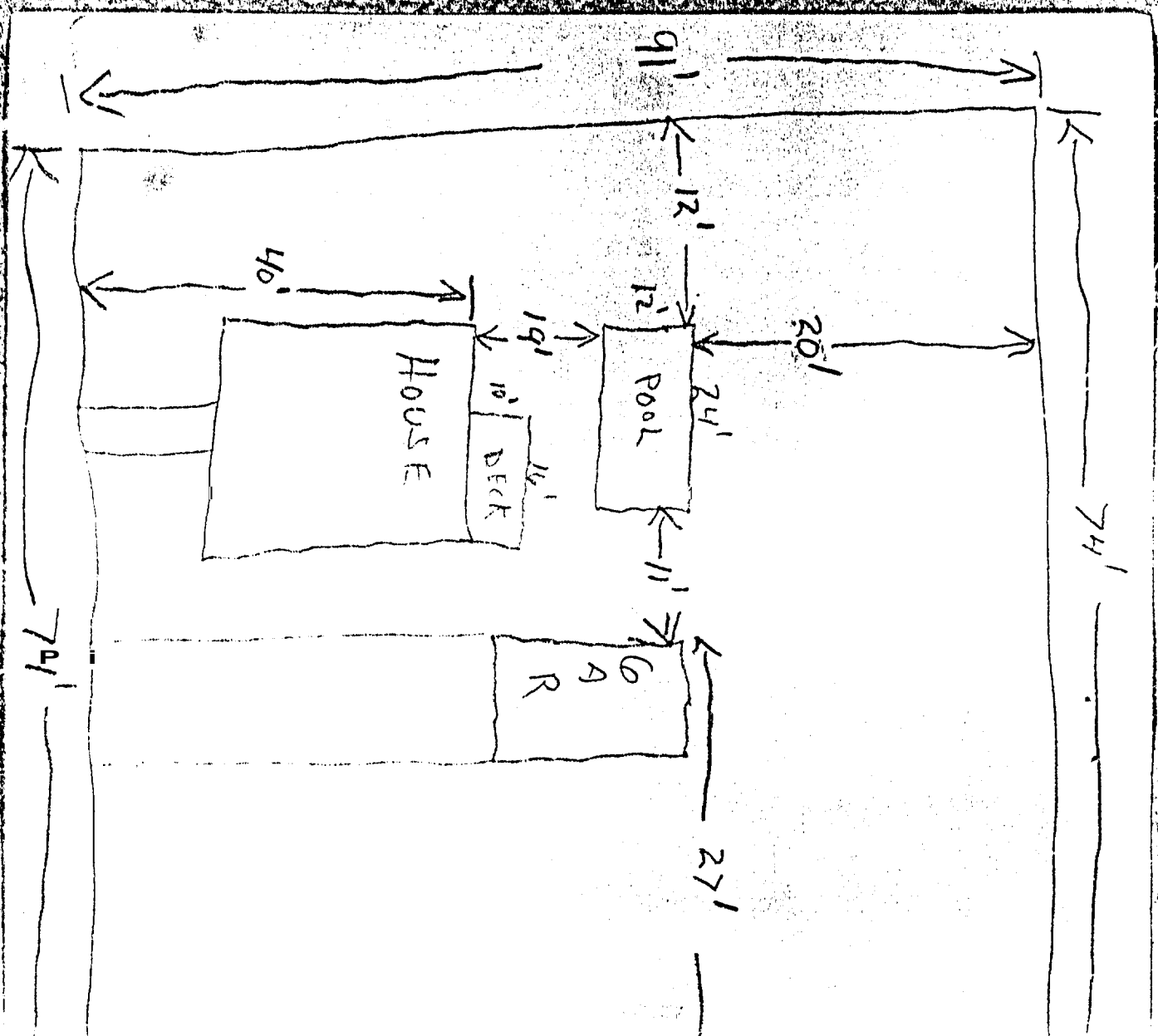
Electrical:
 Service Entrance S i: _____ Smoke Detector Required Yes _____ No _____

Plumbing:
 1. Approval of soil test if required Yes _____ No _____
 2. No. of Tubs or Showers _____
 3. No. of Flushes _____
 4. No. of Lavatories _____
 5. No. of Other Fixtures _____

Swimming Pools:
 1. Type: _____
 2. Pool Size: _____ A _____ Square Footage _____
 3. Must conform to National Electrical Code sod State

Permit Received By: Louise E. Chase
Signature of Applicant: _____ **Date:** 8/6/90
Signature of CEO: _____ **Date:** _____
Inspection Dates: _____

PERMIT ISSUED WITH LETTER



THOMAS +
 MILLER +
 LEADER
 38 WEST LAWN
 ROAD
 PORTLAND

900525

Permit # _____ City of Portland BUILDING PERMIT APPLICATION Fee \$25. Zone _____ Map # _____ Lot# _____
Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Thomas A. Seader Phone # 797-0870
 Address: 39 Westlawn Rd; Ptld. NE 04103
 LOCATION OF CONSTRUCTION: 39 Westlawn Rd.
 Contractor: _____ Sub: _____
 Address: _____ Phone # _____
 Est. Construction Cost: \$1000. Proposed Use: 1-fam w deck
 Past Use: 1-fam
 # of Existing Res. Units _____ # of New Res. Units _____
 Building Dimensions L _____ W _____ Total Sq. Ft. _____
 # Stories: _____ # Bedrooms _____ Lot Size: _____
 Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
 Explain Conversion: Construct a deck; 10'x16'

For Official Use Only PERMIT ISSUED
 Date: 6/14/90 Subdivision: _____
 Name: JUN 20 1990
 Inside Fire Limits: _____ Lot: _____
 Bldg Code: _____ Ownership: City of Portland
 Time Limit: _____
 Estimated Cost: \$1000.
 Zoning: R-1
 Street Frontage Provided: _____
 Provided Setbacks: Front _____ Brck _____ Side _____ Side _____
 Review Required:
 Zoning Board Approval: Yes _____ No _____ Date: _____
 Planning Board Approval: Yes _____ No _____ Date: _____
 Conditional Use: _____ Variance _____ Site Plan _____ Subdivision _____
 Shoreland Zoning Yes _____ No _____ Floodplain Yes _____ No _____
 Special Exception _____
 Other: OK w/ H- 2-6-18-90

Foundation:
 1. Type of Soil: K
 2. Set Backs - Front _____ Rear _____ Side(s) _____
 3. Footings Size: _____
 4. Foundation Size: _____
 5. Other _____

Floor:
 1. Sills Size: _____ Sills must be anchored.
 2. Girder Size: _____
 3. Lally Column Spacing: _____ Size: _____
 4. Joists Size: _____ Spacing 16" O.C.
 5. Bridging Type: _____ Size: _____
 6. Floor Sheathing Type: _____ Size: _____
 7. Other Material: _____

Exterior Walls:
 1. Studding Size _____ Spacing _____
 2. No. windows _____
 3. No. Doors _____
 4. Header Sizes _____ Span(s) _____
 5. Bracing: Yes _____ No _____
 6. Corner Posts Size _____
 7. Insulation Type _____ Size _____
 8. Sheathing Type _____ Size _____
 9. Siding Type _____ Weather Exposure _____
 10. Masonry Materials _____
 11. Metal Materials _____

Interior Walls:
 1. Studding Size _____ Spacing _____
 2. Header Sizes _____ Span(s) _____
 3. Wall Covering Type _____
 4. Fire Wall if required _____
 5. Other Materials _____

Ceiling:
 1. Ceiling Joists Sue: _____
 2. Ceiling Strapping Size _____ Spacing _____
 3. Type Ceilings: _____
 4. Insulation Type _____ Size _____
 5. Ceiling Height: _____

Roof:
 1. Truss or Rafter Sue _____ Span _____
 2. Sheathing Type _____ Sire _____
 3. Roof Covering Type _____

Chimneys:
 Type: _____ Number of Fire Places _____

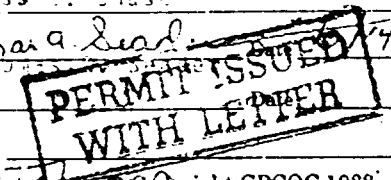
Heating:
 Type of Heat: _____

Electrical:
 Service Entrance Size: _____ Smoke Detector Required Yes _____ No _____

Plumbing:
 1. Approval of soil test if required Yes _____ No _____
 2. No. of Tubs or Shower: _____
 3. No. of Flushes _____
 4. No. of Lavatories _____
 5. No. of Other Fixtures _____

Swimming Pools:
 1. Type: _____
 2. Pool Size: _____ x _____ Square Footage _____
 3. Must conform to National Electrical Code and State Law.

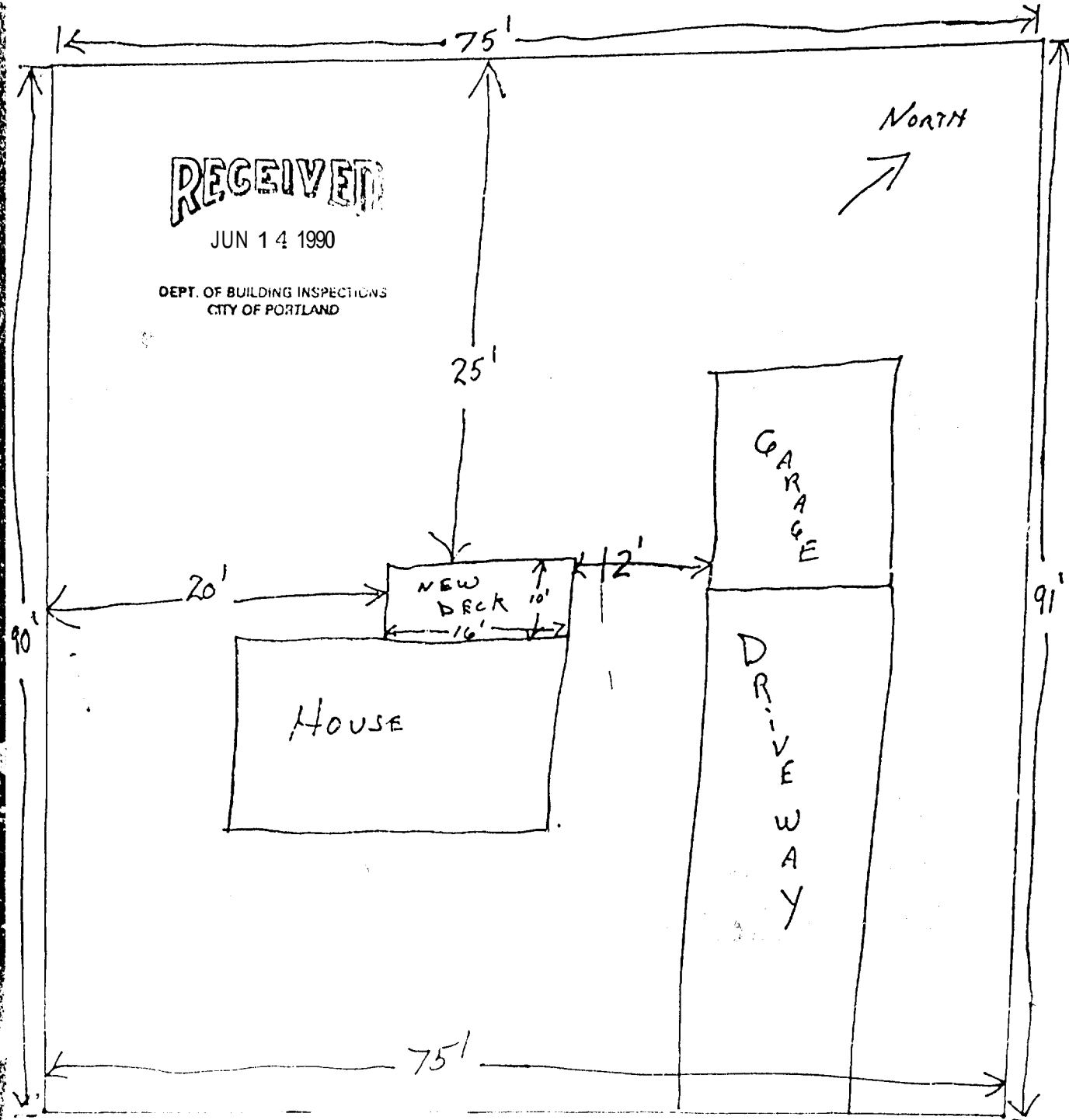
Permit Received By: Louiss T. Chase
 Signature of Applicant: Thomas A Seader 6/14/90
 Signature of CEO: _____
 Inspection Dates: _____



RECEIVED

JUN 14 1990

DEPT. OF BUILDING INSPECTIONS
CITY OF PORTLAND



SIDEWALK

ESPANADE

38 WESTLAWN ROAD

THOMAS A. + MELISSA A. SEADER
6/14/90