

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that CARMELA A & FRANKJTS REALI

Located At 391 CAPISIC

Job ID: 2011-05-1034-ALTR

CBL: 259 - - B - 003 - 001 - - - - -

has permission to enlarge dining area

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

6/8/11

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**



General Building Permit Application

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

Location/Address of Construction: <u>391 Capisic St. Portland, Maine</u>		
Total Square Footage of Proposed Structure/Area <u>9459 feet (17' x 55') addition</u>	Square Footage of Lot <u>12,000 sq feet</u>	Number of Stories <u>1</u>
Tax Assessor's Chart, Block & Lot Chart# <u>259</u> Block# <u>B-003</u> Lot# <u>001</u>	Applicant *must be owner, Lessee or Buyer* Name <u>Frank Reali</u> Address <u>391 Capisic St</u> City, State & Zip <u>Portland, Maine 04102</u>	Telephone: <u>772-5831</u> <u>318-9567</u>
<p style="color: red; font-weight: bold; font-size: 2em;">RECEIVED</p> <p style="text-align: center;">MAY 10 2011</p> <p style="color: red; font-weight: bold;">Dept. of Building Inspections City of Portland Maine</p>	Owner (if different from Applicant) Name <u>same</u> Address _____ City, State & Zip _____	Cost Of Work: \$ <u>35,000</u> C of O Fee: \$ _____ Total Fee: \$ <u>35,000</u>
	Current legal use (i.e. single family) <u>single family</u> Number of Residential Units <u>1</u> \$ 370.00 If vacant, what was the previous use? _____ Proposed Specific use: <u>enlarge dining area (deck 324 sq ft)</u> Is property part of a subdivision? <u>no</u> If yes, please name _____ Project description: _____	
Contractor's name: <u>Frank Reali</u> Address: <u>391 Capisic Street</u> City, State & Zip <u>Portland, Maine 04102</u> Telephone: <u>772-5831</u> Who should we contact when the permit is ready: <u>Frank Reali</u> Telephone: <u>318-9567</u> Mailing address: <u>same</u>		

roof extension? - one story addition
- replace patio w/ deck
- extend roof from garage to deck.

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

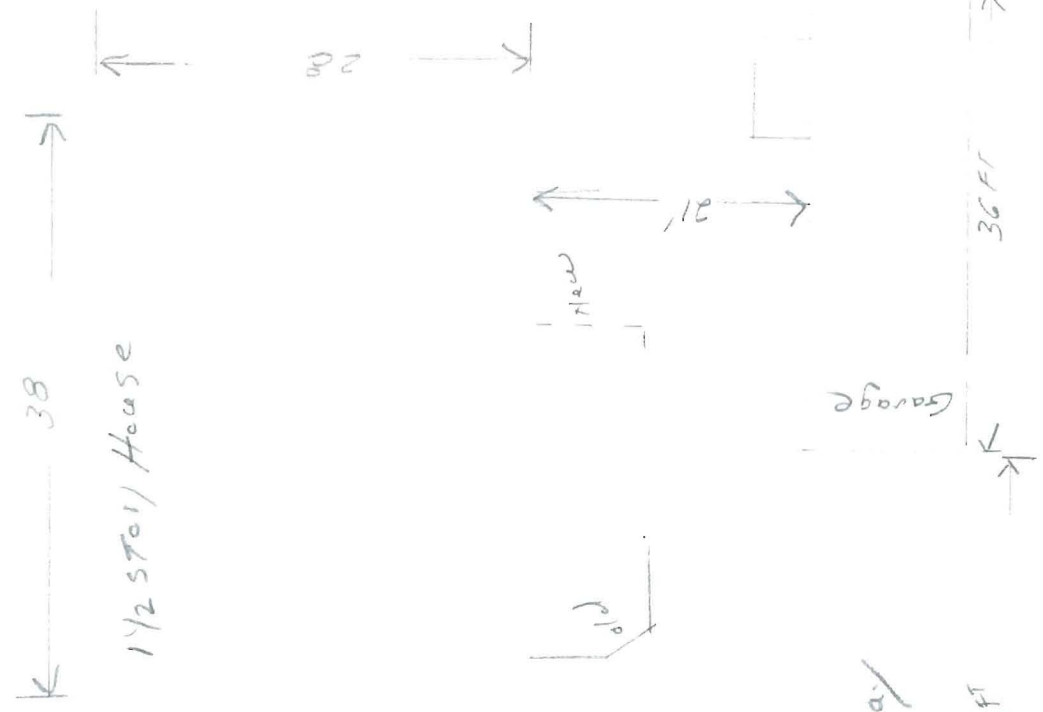
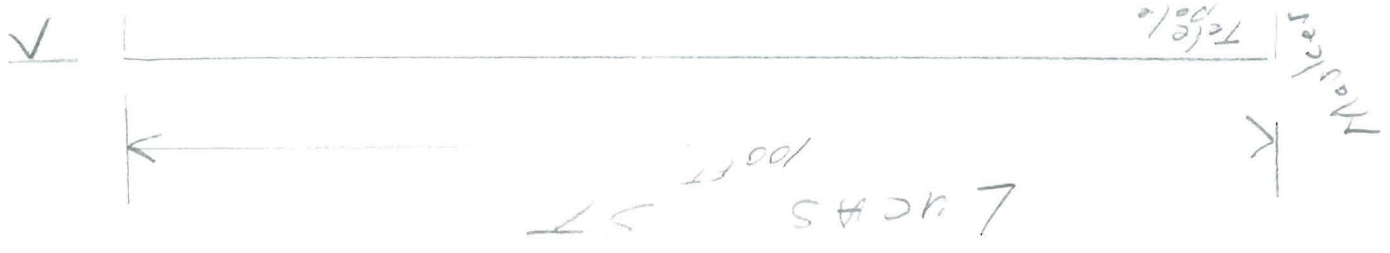
In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division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

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

Signature: _____	Date: _____
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This is not a permit; you may not commence ANY work until the permit is issued

CAPISIC ST
120 FT



R3

lot size - 6500 sq ft - 11,932 sq ft
 front 25' min. ~~28' x 140'~~
 rear - 25' - 35.5' + 0.5'
 Side - 8' - 0.5' - see other plot plan.
 lot coverage - 35% = 4176.2

existing house 1273

addition 1265 (23 x 5.5')

garage 720

2119.5

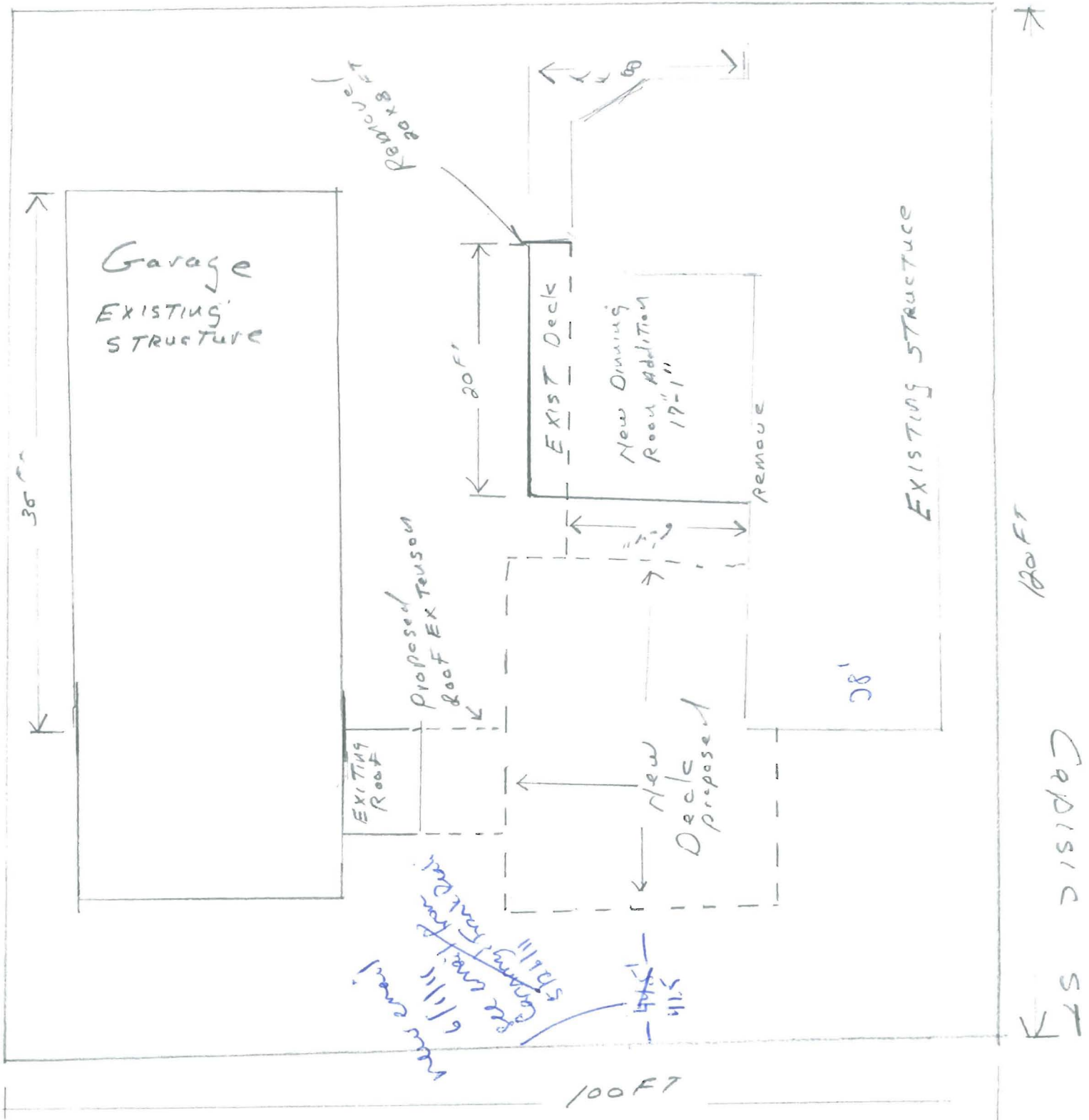
deck - 327.3 (27.67 x 11.83')

roof - 65 (8.5 x 8)

2514.8 sq ft

Plot 0107

Lucas ST Plot Plan



Dept. of Building Inspections
City of Portland Maine

MAY 26 2011

RECEIVED

From: Carmela <cammyr1@myfairpoint.net>
To: Ann Machado <AMACHADO@portlandmaine.gov>
Date: 6/1/2011 10:46 AM
Subject: Re: 391 capisic St

The footage between the deck and property line is 41 1/2 feet.
Thanks Ann.

Cammy

Sent from my iPhone

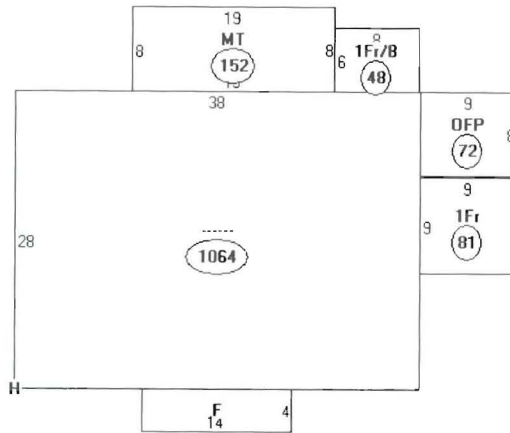
On May 26, 2011, at 8:26 AM, "Ann Machado" <AMACHADO@portlandmaine.gov> wrote:

> Thanks Cammy Remember on Thursday we are open from 8-1 Friday our hours are 8-4.
>
> Ann
>
> >>> Carmela <cammyr1@myfairpoint.net> 5/26/2011 6:50 AM >>>
>
> Frankie and I will be coming in today to bring the plot plan. Here are some pictures showing the existing
deck where the proposed addition will be.
> Thanks
> Cammy
>

RECEIVED

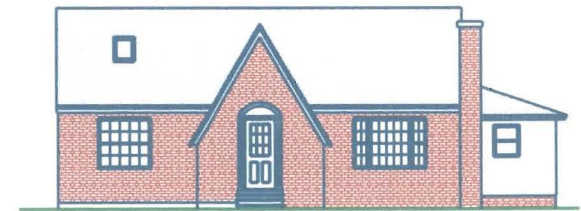
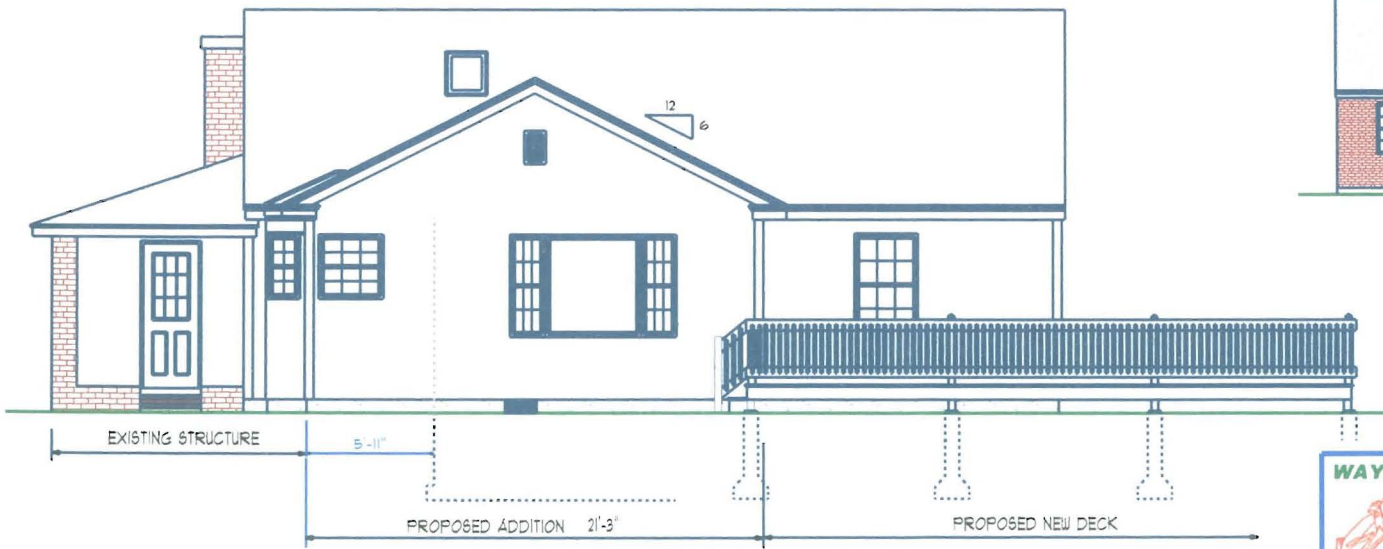
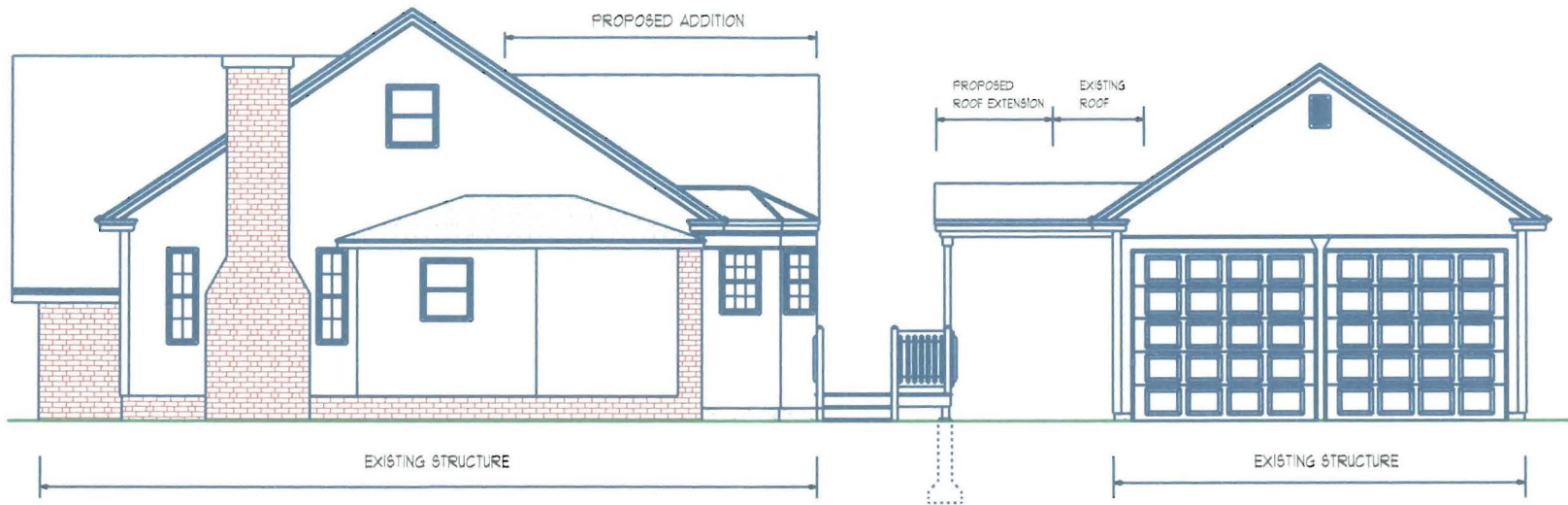
JUN - 1 2011

Dept. of Building Inspections
City of Portland Maine



Descriptor/Area
A: ----- 1064 sqft
B: MT 152 sqft
C: 1Fr/B 48 sqft
D: OFF 72 sqft
E: 1Fr 81 sqft
F: OP 56 sqft
G: RG1 448 sqft
H: RS1 280 sqft





FRONT ELEVATION UNCHANGED

Note: Owner to check plans for compliance with all applicable codes

WAYNE PARADIS INC.



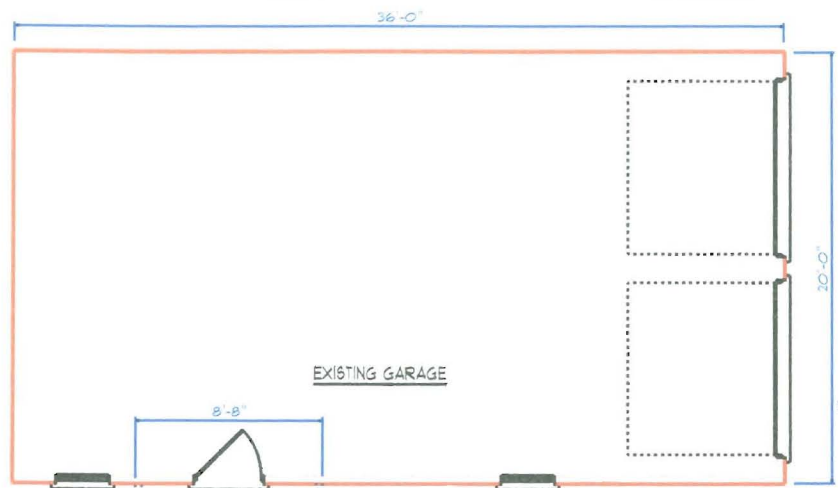
Custom Design &
Carpentry
Service
Tel: 892-3424
Cell: 229-7641

Elevations 30 SF Addition

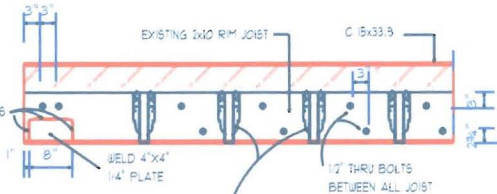
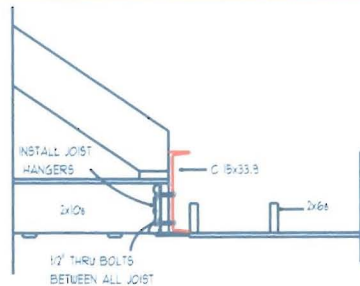
Plan For:
Frank & Tammy Reali

1
3

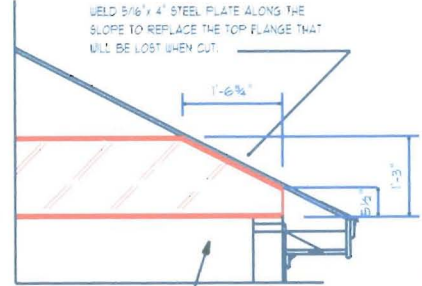
Drawn by: Wayne Paradis Apr. 08 2011



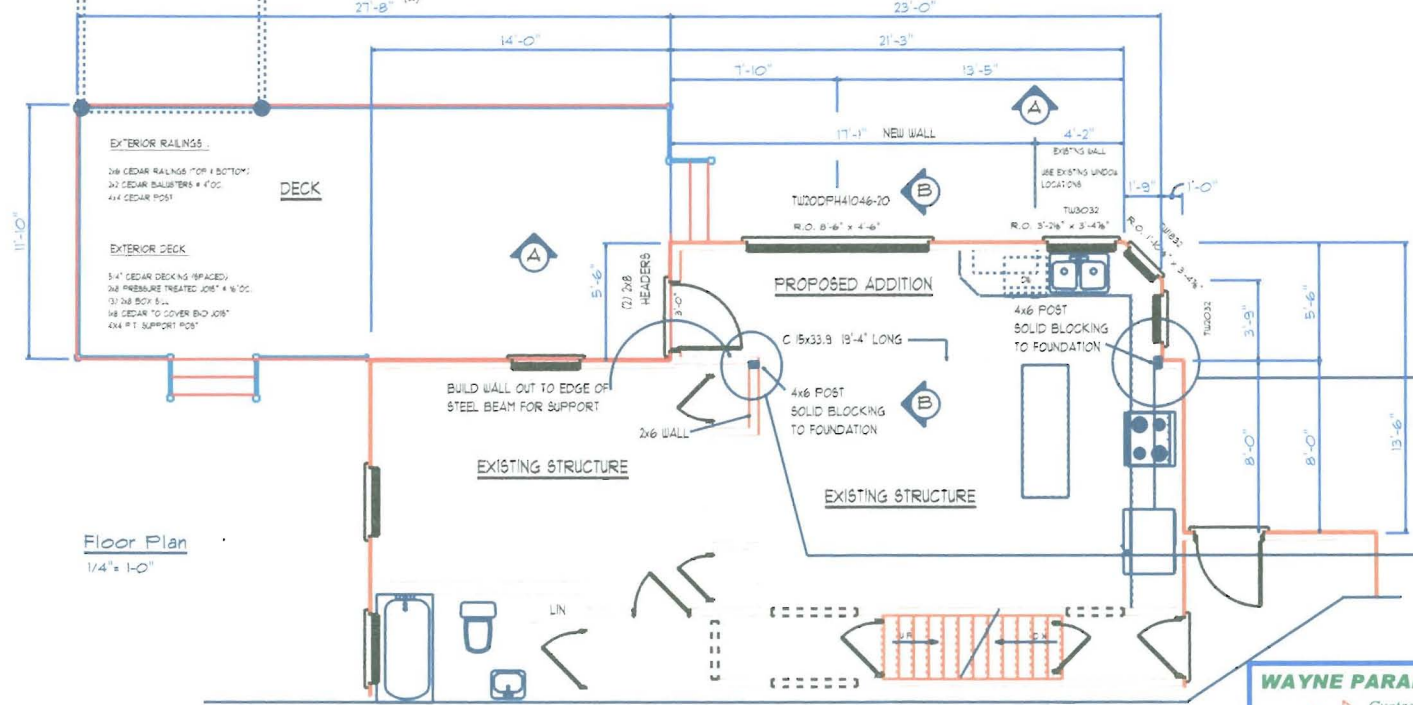
EXISTING GARAGE



EXISTING 2x10 JOIST MUST BE JOIST HUNG TO GIVE ADEQUATE SUPPORT AFTER WALL IS REMOVED



STEEL BEAM DETAIL
3/4" x 1'-0"



EXTERIOR RAILINGS:
2x6 CEDAR RAILINGS TOP & BOTTOM;
2x2 CEDAR BAULSTERS 4' OC;
4x4 CEDAR POST

DECK

EXTERIOR DECK
3/4\"/>

PROPOSED ADDITION

BUILD WALL OUT TO EDGE OF STEEL BEAM FOR SUPPORT

4x6 POST SOLID BLOCKING TO FOUNDATION

EXISTING STRUCTURE

EXISTING STRUCTURE

CUT BEAM THIS END ONLY

CUT FLOOR SHEATHING OUT TO ALLOW FOR POST TO REST ON SOLID BLOCKING

(2) 2x10 BLOCKING BETWEEN EXISTING JOIST

EXISTING BOX SILL

Floor Plan
1/4" = 1'-0"

Note: Owner to check plans for compliance with all applicable codes

WAYNE PARADIS INC.

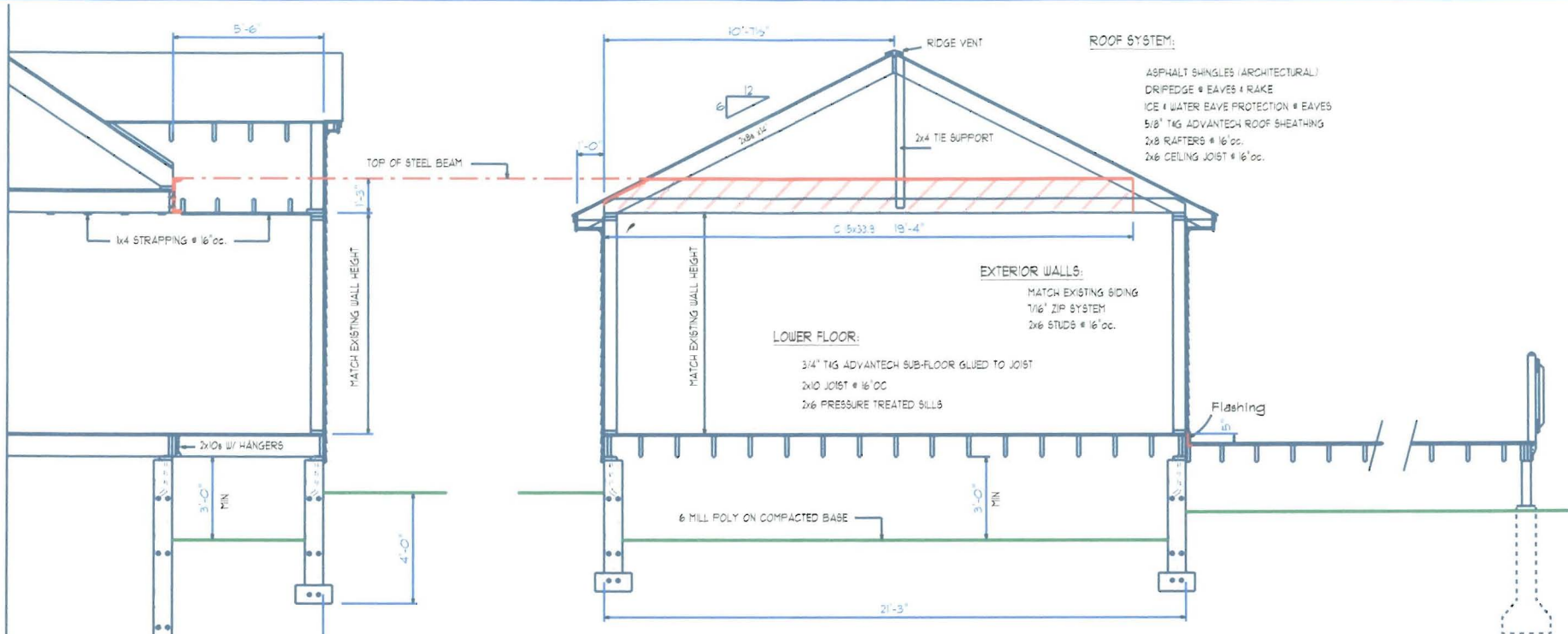


Custom Design & Carpentry Service
Tel: 892-3424
Cell: 229-7641

REVISION # 1 MAY 05, 2011
CHANGE STEEL BEAM DETAIL

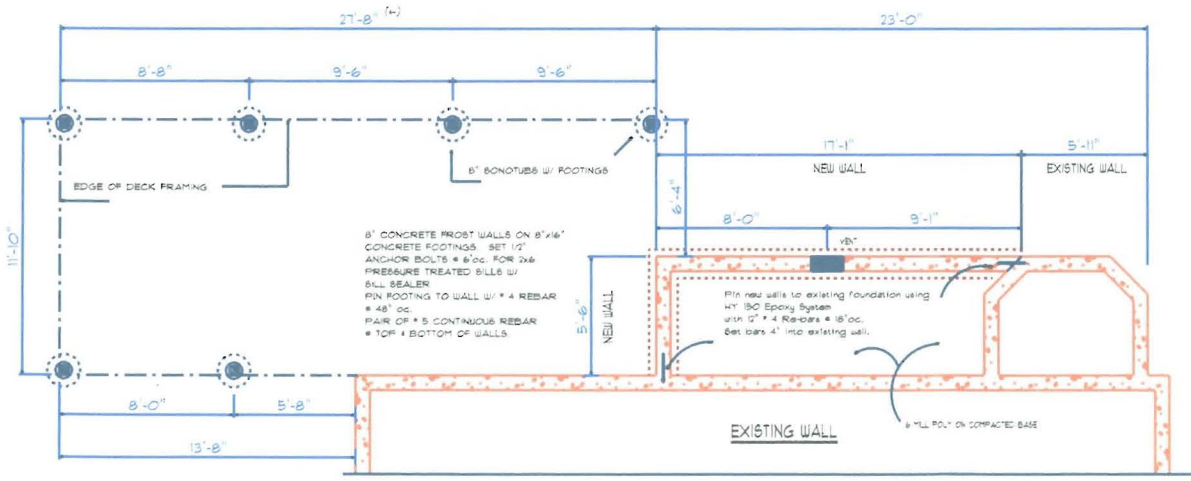
Floor Plan	90 SF Addition
Plan For:	2/3
Frank & Tammy Reali	
Drawn by: Wayne Paradis	Apr. 08 2011

deck



Section "B"
3/8" x 1-0"

Section "A"
3/8" x 1-0"



Foundation Plan
1/4" x 1-0"

Note: Owner to check plans for compliance with all applicable codes

WAYNE PARADIS INC.
 Custom Design & Carpentry Service
 Tel: 892-3424
 Cell: 229-7641

Foundation & Sections		80 SF Addition
Plan For:		3 3
Frank & Tammy Reall		
Drawn by:	Wayne Paradis	Apr. 08, 2011

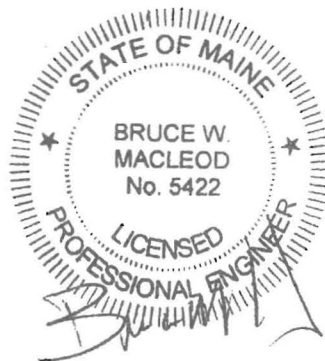
MACLEOD STRUCTURAL ENGINEERS, P.A.

STRUCTURAL CONSULTANTS
404 MAIN STREET
GORHAM, MAINE 04038
PHONE (207) 839-0980
FAX (207) 839-0982

Project: Project name
City, State
By: xxx
Job ID: 200x-xxx
Date: 4/18/2011
Page: 1 of 1

**Frank Reali
Residence
Portland, Maine**

STEEL ROOF BEAM FRAMING CALCULATIONS
MSE Job #2011-144



PREPARED BY
MacLeod Structural Engineers, P.A.
Gorham, Maine
APRIL 18, 2011

PREPARED FOR
WAYNE PARADIS, INC.

Loads Sheet Sect. 1

Ceiling Dead Loads:

ceiling	3
mech/elec	3
Insulation	1
Framing	3
Total Dead	10 psf

Roof Dead Loads:

	0
sheathing	3
Asphalt shingles	4
miscellaneous	5
Framing	3
Total Dead	15 psf

Collateral Load = 0 psf

<u>Description</u>	<u>Trib</u> <u>Width</u> (FT)	<u>Dead</u> (PSF)	<u>Sunbal</u> (PSF)	<u>Snow</u> (PSF)	<u>Press.</u> <u>Wind 1</u> (PSF)	<u>Suct.</u> <u>Wind 2</u> (PSF)	<u>Attic L</u> <u>Other 1</u> (PSF)	<u>Collat</u> (PSF)	<u>ULF</u> <u>LL</u> (PLF)
roof rafter	14	-15	-76	-42	-20	16	0	0	-270 DL
ceiling joist	6	-10	0				-20		-1064 Sunbal
	0	0	0						-588 Snow
									-280 Wind 1
									224 Wind 2
									-120 Other 1
									0 Collat
Span (ft)	19								

Load Cases

<u>LC</u>	<u>ULF</u>	<u>Total Load</u>
LC1	D+Sunbal+Collat	-1334
LC2	D+0.75(S+W1)	-921
LC3	0.6D+W2	62
LC4	D+W1+C	-550
LC5	D+Other (1)	-390
LC6	D+S+C+O	-978

sign convention:
 down = (-)
 up = (+)

Title :
 Dsgnr:
 Description :
 Date:
 Job #
 Scope :

Rev: 510302
 User: KW-0602406, Ver 5.1.3, 22-Jun-1999, Win32
 (c) 1983-99 ENERCALC

Steel Beam Design

Page 1
 c:\enercalc\miscellaneous.ecw:Calculations

Description - Frank Reali Res

General Information Calculations are designed to AISC 9th Edition ASD and 1997 UBC Requirements

Steel Section : C15X33.9		Fy	36.00ksi
Center Span	19.00 ft	Load Duration Factor	1.00
Left Cant.	0.00 ft	Elastic Modulus	29,000.0 ksi
Right Cant	0.00 ft		
Lu : Unbraced Length	0.00 ft		

Distributed Loads

	# 1	# 2	# 3	# 4	# 5	# 6	# 7	
DL	0.270							k/ft
LL	1.060							k/ft
ST								k/ft
Start Location								ft
End Location								ft

Summary Beam OK Static Load Case Governs Stress

Using: C15X33.9 section, Span = 19.00ft, Fy = 36.0ksi
 End Fixity = Pinned-Pinned, Lu = 0.00ft, LDF = 1.000

	<u>Actual</u>	<u>Allowable</u>		
Moment	61.543 k-ft	75.600 k-ft	Max. Deflection	-0.438 in
fb : Bending Stress	17.584 ksi	21.600 ksi	Length/DL Defl	2,337.9 : 1
fb / Fb	0.814 : 1		Length/(DL+LL Defl)	520.8 : 1
Shear	12.956 k	86.400 k		
fv : Shear Stress	2.159 ksi	14.400 ksi		
fv / Fv	0.150 : 1			

Force & Stress Summary

	<u>Maximum</u>	<<-- These columns are Dead + Live Load placed as noted -->>					
		<u>DL Only</u>	<u>LL @ Center</u>	<u>LL+ST @ Center</u>	<u>LL @ Cants</u>	<u>LL+ST @ Cants</u>	
Max. M +	61.54 k-ft	13.71	61.54				k-ft
Max. M -							k-ft
Max. M @ Left							k-ft
Max. M @ Right							k-ft
Shear @ Left	12.96 k	2.89	12.96				k
Shear @ Right	12.96 k	2.89	12.96				k
Center Defl.	-0.438 in	-0.098	-0.438	-0.438	0.000	0.000	in
Left Cant Defl	0.000 in	0.000	0.000	0.000	0.000	0.000	in
Right Cant Defl	0.000 in	0.000	0.000	0.000	0.000	0.000	in
...Query Defl @	0.000 ft	0.000	0.000	0.000	0.000	0.000	in
Reaction @ Left	12.96	2.89	12.96	12.96			k
Reaction @ Rt	12.96	2.89	12.96	12.96			k

Fa calc'd per 1.5-1, K*L/r < Cc

Section Properties **C15X33.9**

Depth	15.000 in	Weight	33.83 #/ft	r-xx	5.624 in
Width	3.400 in	I-xx	315.00 in4	r-yy	0.903 in
Web Thick	0.400 in	I-yy	8.13 in4		
Flange Thickness	0.650 in	S-xx	42.000 in3		
Area	9.96 in2	S-yy	3.111 in3		

Title :
 Dsgnr:
 Description :

Date:
 Job #

Scope :

Rev: 510302
 User: KW-0602406, Ver 5.1.3, 22-Jun-1999, Win32
 (c) 1983-99 ENERCALC

Steel Beam Design

Page 2
 c:\enercalc\miscellaneous.ecw:Calculations

Description Frank Reali Res

Sketch & Diagram

