Form # P 04 DISF	PLAY THIS C		PAL FRONT	
Please Read Application And Notes, If Any, Attached		BU	NOIT	PERMITESSUED
This is to certify that	COOSE CHRISTOPH	ER & LI SILVEI	TS/Property	
has permission to	addition of 21' dormer	on right , expan	g mer <u>3' (1</u> low),	interior rom
AT 85 ST LAWRENC			CP016	D012001
•		of Mage and of the	Desces of	his perint shall comply with all the City of Portland regulating and of the application on file in
Apply to Public Wo and grade if nature such information.		Noti tion of spec given hd writte ermis befo his buil g or lathe or othe HOL NOTICE IS REC	ssic procured part hereof is red-in. 24	A certificate of occupancy must be procured by owner before this build- ing or part thereof is occupied.
OTHER REQUIR Fire Dept Health Dept Appeal Board Other	R. Jackson		ean	We Danke 3/19/10 Director - Building & Inspection Services
Oepanm	ent Name			Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland,	Maine	- Building or Use	Permi	t Application	۱ [Permit No:	Issue Date:		CBL:	
389 Congress Street,		-				10-0144	í		016 D0	12001
Location of Construction: Owner Name:				Owner Address:			Phone:			
85 ST LAWRENCE S	5 ST LAWRENCE ST COOSE CHRISTOPHER & LISA S		8	7 ST LAWRENC	CE ST # 1					
Business Name: Contractor N		Contractor Name	ne:		Contractor Address:			Phone		
Property Own		er		4			}			
Lessee/Buyer's Name Phon		Phone:	Phone:		Permit Type;				Zone:	
					Alterations - Multi Family				F-6	
Past Use:		Proposed Use:			Permit Fee: Cost of Work;		: (CEO District:	7	
4 family with profession	onal offic		4 family with professional office - addition of 21' dormer on right side, expand existing dormer 3' (13' now), interior removations, add		\$300.00 \$28,000.0		0.00	1		
[INSPEC	1	E h	
{							Use Gro	Ise Group R 2 Type		
}		eggress from t				\sim	120 2002			
				ncees existing	3	move lon	SITIONS	T	TDC-2002	
Proposed Project Descripti				21 (1.21)		Cic	\mathcal{O}		Auch 2	lia liz
addition of 21' dormer interior removations, a					Signature: Signature Signature					
doghouse to access exi			033 100	FEDESTRIAN ACTIVITIES DISTRICT		KICI (P.				
	0				Action: Approved Approved w/Co			Conditions	Denied	
					Si	gnature:			Date:	
Permit Taken By:		Date Applied For:				Zoning	Approval			
Idobson		02/17/2010								
1. This permit applic	ation do	es not preclude the	Spe	cial Zone or Review	ws	Zonin	g Appeal		Historic Pres	ervation
Applicant(s) from meeting applicable State and		Shoreland		[[Not in Distric	t or Landmark				
Federal Rules.		USUL (b)		(b) (ļ			
2. Building permits of		clude plumbing,	Subdivision		Miscellaneous] [Does Not Require Review		
septic or electrical work.				ad the same	جو(- { .	_	
3. Building permits are void if work is not started			_ Fl	ood Zone	àu	La Condition	nal Use		_ Requires Rev	iew
within six (6) months of the date of issuance. False information may invalidate a building				Month	ŝ					
permit and stop all work.			[L] 34	bdivision		Interpreta	llion		Approved	
			l ∏ si	te Plan			4	f I	Approved w/	Conditions
PERMIT ISSUED						,			Congreiona	
			 Maj [Minor MM	Ď	Denied] [Denied	
Г. ЦА	R 2 2	2010	1 1	w landihat				Ì	ABIN	
			Date:		KĮ I	Date:		Dat	,	_
City	of Po	rtland								

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.

SIONATURE OF APPLICANT	ADDRESS	DATE	PHONE	
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE	

					<u> </u>	
City of Portland, Maine - Buil	-		8716	Permit No: 10-0144	Date Applied For: 02/17/2010	CBL: 016 D012001
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8704, Fax: (207) 874-8704, Fax: (207) 874-8704, Fax: (207) 874-8703, F				Dwner Address:	<u></u>	Phone:
			1	87 ST LAWRENC	т от <u>4</u> 1	rnone:
85 ST LAWRENCE ST COOSE CHRISTOPHER & LI		IEK & LISA			<u>E 51 # 1</u>	
Business Name:	Contractor Name:		- [Contractor Address:		Phone
Lessee/Buyer's Name	Property Owner Phone:			Permit Type:		
Lessee/Buyer's Name	rnoae:	Ì	ľ	Alterations - Mult	i Eamily	
		<u></u>			======================================	
Proposed Use:	14 - CO11 1		-	d Project Description:	· • • • • • • • • • • • • • • • • • • •	
4 family with professional office - add side, expand existing dormer 3' (13' no	lition of 21' dormer on right side, expand existing dormer 3' (13' v), interior removations, add eggress from third floor across roof					
eggress from third floor across roof &				d doghouse to acce		
existing stairs						
			==			
	pproved with Condition			Ann Machado	Approval Da	
Note: Original application was perm office was for alcohol/drug co						Ok to Issue: 🗹
0341.			-PP	•••••••••••••••••••••••••••••••••••••••		
The legal use of the building				MAR	2 2 2010	
1st floor: #1 front - efficiency		æ			2 2 2010	
#2 rear - two bedroo 2nd floor: #4 rear - two bedro				-		
	en, living room & dining	g mom		City c	of Portland	
3rd floor: #3 one bedroom wi		0				
Section 14-436(b) allows an l						
1742.4 sf. The dormer is add			% of	the allowble increa	se. Increase of 53 in	Ì
existing dormer is over stairs 1) This property shall remain a four t	family dwelling with a p		offic	e on the first floor.	Any change of use s	hall require a
separate permit application for rev	view and approval.					
2) This permit is being approved on work.	the basis of plans submi	itted. Any d	leviat	ions shall require a	separate approval be	efore starting that
Dept: Building Status: A	pproved with Condition	ns Revie	wer:	Jeanine Bourke	Approval Di	ate: 03/19/2010
	pprovod mili oonanio			Journe Dourne		Ok to Issue: Z
Note: Ok to Issue: M 1) Hardwired interconnected battery backup smoke detectors shall be installed in all bedrooms, protecting the bedrooms, and on every						
level.	backup snoke beletion	5 Shan De un	21911		protecting the octator	
2) Additional structural information for the rootop egress walkway will be submitted prior to that construction.						
3) All penetratios through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.						
 Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans. 						
5) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.						
6) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approrval prior to work.						
 All apartments shall install a CO detector in each area within or giving access to bedrooms. That detection must be powered by the electrical service in the building and battery. 						
Dept: Fire Status: A	pproved with Condition	ns Revie	wer:	Capt Keith Gautr	eau Approval Da	ate: 03/02/2010
Note:				-		Ok to Issue: 🗹
1) Egress walkway from 3rd floor ac	ross roof shall have rail	lings and gua	ards	on both sides.		
2) Two means of egress are required		• •				

Location of Construction:	Owner Name:	Owner Address:	Phone:	
85 ST LAWRENCE ST	COOSE CHRISTOPHER & LISA S	87 ST LAWRENCE ST # 1		
Business Name:	Contractor Name:	Contractor Address:	Phone	
Property Owner		_		
Lessee/Buyer's Name	Phone:	Permit Type:		
{		Alterations - Multi Family		
	with NFPA 101 "Existing Apartments" to the issuance of a Certificate of Occ			

4) All construction shall comply with NFPA 1 and 101.

Comments:

2/19/2010-amachado: Left vcm for Chris Coose. Need to make clear the exact use of the building. Confirming that adding 5' to existing dormer over stairs and new dormer is 21 ' long.

3/18/2010-jmb: Received sealed structural design letter and updated plans. A subsequent structural analysis is forthcoming for the new egress walkway and flat roof.

2/25/2010-amachado: Never heard back from Chris Coose. He left me a vcm on 2/19/10. I called him back and left a voicemail. Moving permit forward.

3/12/2010-jmb: Left vcmsg for Chris C. For details on door swing of new egress on 3rd, it opens over the steps, guard height of catwalk, sealed fire penetrations, where is the 2nd egress from unit #4, 2nd fl

3/15/2010-jmb: Chris C. Called, finalized structural plans are forthcoming, he will revise plans to show the landing and steps for the new 3rd floor egress and railing on catwalk to be 42" both sides. Also verified and added to plans the side egress for the 2nd floor Unit #4.

PERMIT ISSUED MAR 22 2010 City of Portland

BUILDING PERMIT INSPECTION PROCEDURES Please call 874-8703 or 874-8693 (ONLY) or email: buildinginspections@protlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months, if the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.
- <u>X</u> Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling
- <u>X</u> Final inspection required at completion of work.

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

PERMIT ISSUED MAR 22 200 Othy of Portland



General Building Permit Application

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: 87	St. Lowfence St.					
Total Square Footage of Proposed Structure/A		Number of Stories				
Tax Assessor's Chart, Block & Lot	Applicant *must be owner, Lessee or Buye	r* Telephone:				
Chart# // Block# -> Lot# />	Name Christople Coose	_ 780-8999				
16 4011	Wanne ME Step E - OCE	office				
(01)	Address 87 & LawReiner St					
	City, State & Zip PORtland, ME					
Lessee/DBA (If Applicable)	Owner (if different from Applicant)	Cost Of				
	Name	Work: \$ 000				
	Address	C of O Fee: \$				
	City, State & Zip	700				
	professional.	Total Fee: \$OO				
Current legal use (i.e. single family) 3 family	unal In a of C PGN unber of Besidentis	1 Unite 3				
If vacant, what was the previous use?	Trumber of Residentia					
Proposed Specific use:						
Is property part of a subdivision? nc	D If yes, please name					
	Inote - adddormer / replace					
See and a	Advindeus / interior o	Window Migness closer				
	Re vie from most	-142 hors I was second				
Contractor's name:Owner						
Address:	im leclair 149-2315)- pickup				
City, State & Zip	Te	elephone:				
Who should we contact when the permit is ready: Durney Telephone:						
Mailing address: 87 St. Lane	me St-					
Please submit all of the information of	outlined on the applicable Checklis	st. Failure to				
do so will result in the	automatic denial of your permit.					
	· · · · · · · · · · · · · · · · · · ·	NE				
In order to be sure the City fully understands the fi	all scope of the project, the Planning and	velopment Department				
may request additional information prior to the issu	lance of a permit. For further information o	r to dephiload copies of				
this form and other applications visit the Inspections Division on-line at <u>www.portla chraine.gov</u> , 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						
Division office, room 315 City Hall or call 874-8703.	FER	a Inspiraine				
I hereby certify that I am the Owner of record of the na	hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes, the proposed work and hat I have been authorized by the owner to make this application as his/her authorized agent. I agree to content to all applicable					
aws 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						
provisions of the codes applicable to this permit.						
Signature:	Date: 2/17/10					

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

2/15/10

Building Permit Application for : Chris Coose & Lisa Silverman 87 St. Lawrence St. Portland, ME 04101 831-1792 (Chris cell) 780-8999 (Chris work)

Project Description:

This project was initiated with the intention to install a dormer in the existing 3^{rd} floor bedrooms roof, facing South and a bathroom in this bedroom area. In addition, a 10' section of bearing wall on the 2^{nd} floor shall be removed to expand the original kitchen in Apartment #3. A door shall replace a window in the existing gable to exit to a flat roof for second egress. Two new windows shall be installed in the new dormer and the 2 double hung wood windows in the existing North dormer shall be replaced with a single window unit.

This project is to be built by the owner and hired help. Construction Costs are reflected as such.

This work is to upgrade and remodel Apartment # 3 (owners) of a 4 Unit building. This building is 3-2 bedroom apartments with an efficiency Unit (#1) that is used for Professional space by the owners. As we proceeded we found the need to:

Make the bedroom compliant by installing a second egress.

A window is removed in the gable and a door is installed.

This egress exits the existing gable and crosses a flat roof and a stairway dropped through the roof to an existing stairway.

Upon recommendation by the Code Enforcement Office, head room (6'8") shall be created in the existing stairway.

A doghouse is to be built on the roof with a connecting walkway and railing between the gable and the doghouse with motion detecting flood lights installed. Continuous Columns through to the basement, further supporting existing bearing walls, shall be installed

Make the bedroom compliant by altering the existing stairway from the 2nd -3rd floor. To achieve head room in the stairway from the 1st floor to the 3rd floor, the existing dormer on the North Roof must be extended on the West end by approximately 2' (to the next rafter assembly). The Engineer has recommended an addition of steel tubing to the base plate of the North Dormer structure. (See plan detail. Page #1)

By altering this stairway it was recommended by Portland's Code enforcement that head room be achieved in the 1^{st} to 2^{nd} floor stairway. We found this could be achieved, which created the need to alter the North Roof Dormer.

Minor fixture and plumbing routing changes only shall be made in existing kitchen and bathroom.

An electrical sub-panel shall be brought to the third floor from the basement main panel for this apartment unit. All existing wiring shall be inspected for safety and about 80% of the wiring for the $2^{nd} \& 3^{rd}$ floor shall be new.

No new heating systems are to be installed.

Insulation R-factors in any new work shall meet or exceed IEEC 2003 recommendations. Old work, as in behind existing plaster and lathe, shall be upgraded as efficiently as possible by blowing in cellulose insulation.

The owner understands this is a chance to bring this house into greater heating efficiency and shall seek best insulating methods in a variety of unique conditions. Using combinations of sprayed foam, fiberglass, ridged foam and blown fiber. All exposed old 2X4" framing shall be extended to take 6" fiberglass insulation, as in the existing gable end framing. The owner is currently investigating the cost and R-value ratios for either urethane sprayed insulation or dense packed cellulose for the space between existing rafters in the 3rd floor bedroom.

Included are building plans. The Owner has worked with Peter Polanza of Cape Elizabeth to create the drawings. It was found necessary and recommended by Code Enforcement on their last inspection tour that an Engineer's review was made for structural changes. Joe Leisure of S. Portland has spent approximately 12 hours to date in review. Joe was unable, due to vacation scheduling to have full review and accompanying letter with this application.

Door and Window Schedule:

Custom door in Gable End Aluminum clad exterior, wood interior, double pane, tempered glass 3'-0" X 6'-8"

1 Series 7553 Vinyl clad, Triple vent Casement Window, $61\frac{3}{4}$ " x 52 13/16" (actual window size) to replace 2 wood double hung windows in existing North dormer. 2 Series 7556 Vinyl clad, Triple vent Casement Window, 82 1/16" x 52 13/16" (actual window size) to be installed in new gable end.

3'-0" x 6'- 8" Fire door to be installed in Dog house addition.

2/15/10

2/17/10

Separate Sheet for Fire Permit

Building Permit Application for : Chris Coose & Lisa Silverman 87 St. Lawrence St. Portland, ME 04101 831-1792 (Chris cell) 780-8999 (Chris work)

Project Description:

This project was initiated with the intention to install a dormer in the existing 3^{rd} floor bedroom's roof, facing South and a bathroom in this bedroom area. In addition, a 10' section of bearing wall on the 2^{nd} floor shall be removed to expand the original kitchen in Apartment #3.

A review tour was conducted with Capt. Cass of the Portland Fire Dept. and Jeanie Bourke of Inspections sometime last year.

At that time the potential for the second egress (Doghouse) was walked through from the roof to the cellar and the main stairway from the first floor entry (St. Lawrence St. entrance) to the 3^{rd} floor was discussed for the potential to come into code compliance.

Further recommendations and compliance requested by Capt. Cass were as followed:

A walkway to the doghouse addition is to be installed from the gable end bedrooms across the flat roof to the doghouse with motion detector lighting installed. The stairway to the cellar is to be sheathed in 5/8ths sheetrock.

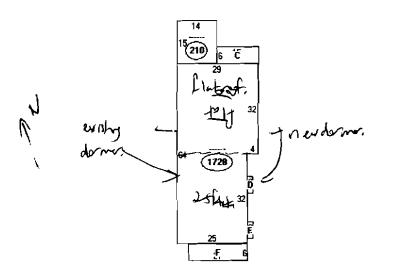
The walls between Apartments 2&4 and apartments 1&3 have been reviewed. In apartments 2&4 we find $\frac{1}{4}$ " wood paneling over original horse hair plaster, over lathe to full 2x4" studs. Fiberglass insulation for sound barrier was installed in these walls in an earlier renovation where the apartments were configured as they exist today.

6'8" headroom is to be built into existing and new stairways. Much design work was incorporated into the main stairway to meet height compliance. All new stairway work is to be sheathed in 5/8ths" sheetrock facing into the stairways.

All original exit doors in both hallways are fire coded except the cellar door which shall be brought to code by sheeting the interior with $\frac{1}{2}$ "sheetrock.

Lun 2/17/10

Page 1 of 1

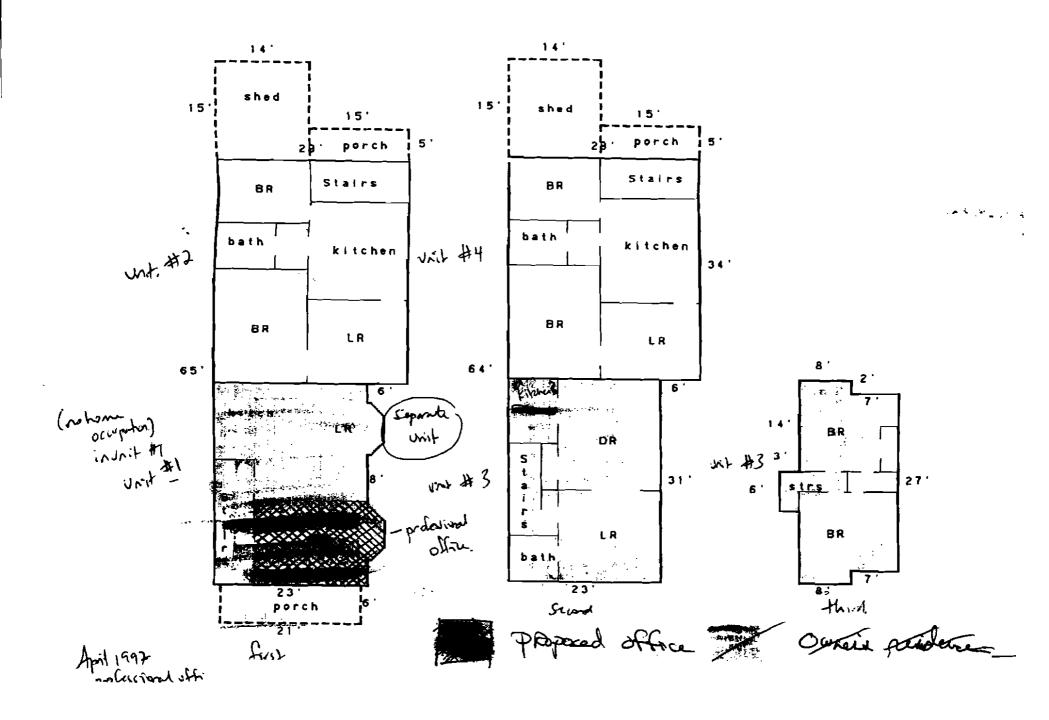


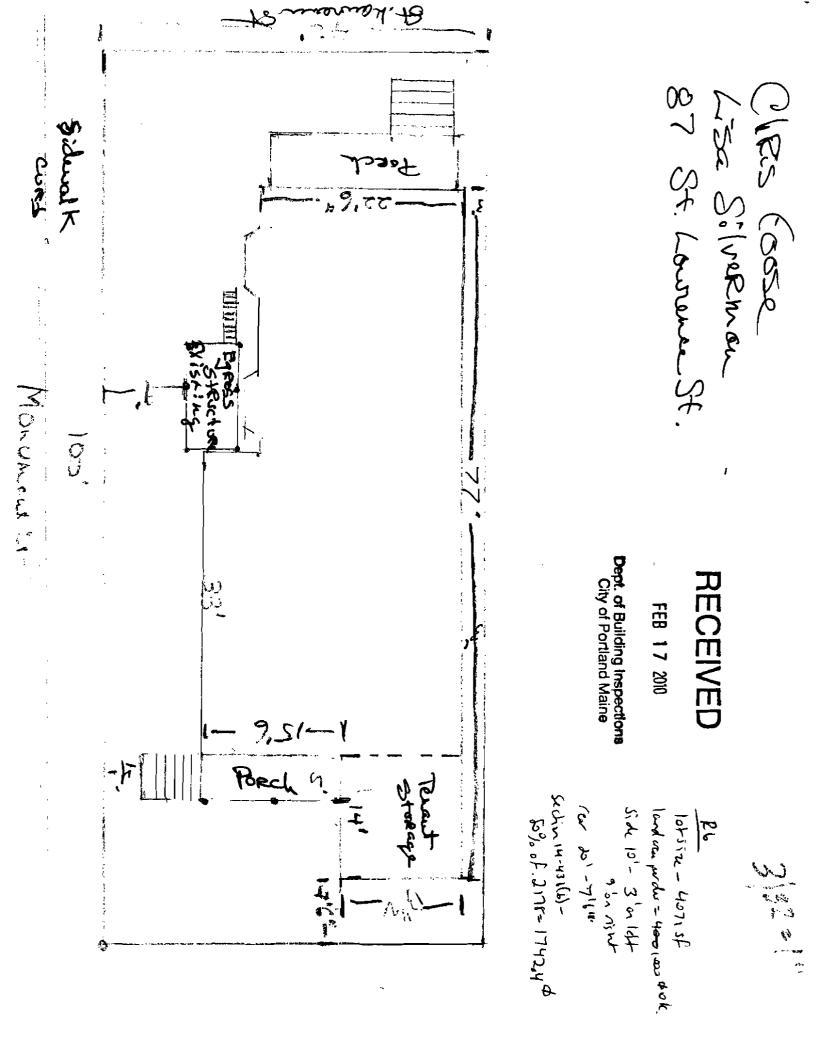


2/19/2010

Dec. 2007. - Existure

707-1490







L & L STRUCTURAL ENGINEERING SERVICES, INC. Six Q Street South Portland, ME 04106 Phone: (207) 767-4830 Fax: (207) 799-5432

March 16, 2010

Chris Coose 87 St. Lawrence Street Portland, Maine 04101

Subject: Renovations to the Building located at 87 St. Lawrence Street, Portland, Maine

Dear Mr. Coose,

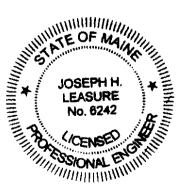
As per your request we have reviewed the structural framing on the drawings A1 through A4 prepared by Cape Cottage Home Design dated March 16, 2010 for the proposed renovations to the third floor and roof of the main building located at 87 St. Lawrence Street in Portland, Maine. The structural drawings for the egress walkway over the lower roof and the access to the existing stairwell on the north side of the building are currently being reviewed and will be included in a subsequent submission. The drawings for the proposed renovations to the third floor and roof of the main building included the structural modifications recommended by our office. Our analysis utilized the 2003 IBC International Building Code adopted by Portland, Maine. In addition, our analysis considered the latest edition of the NDS National Design Specification for Wood Construction published by the National Forest Products Association. The proposed structural design meets or exceeds the code stipulated design requirements, is acceptable to support the anticipated structural loading, and is in general compliance with our structural design concept.

If you have any questions, please do not hesitate to call.

Sincerely,

L&I Structural Engineering Services, Inc.

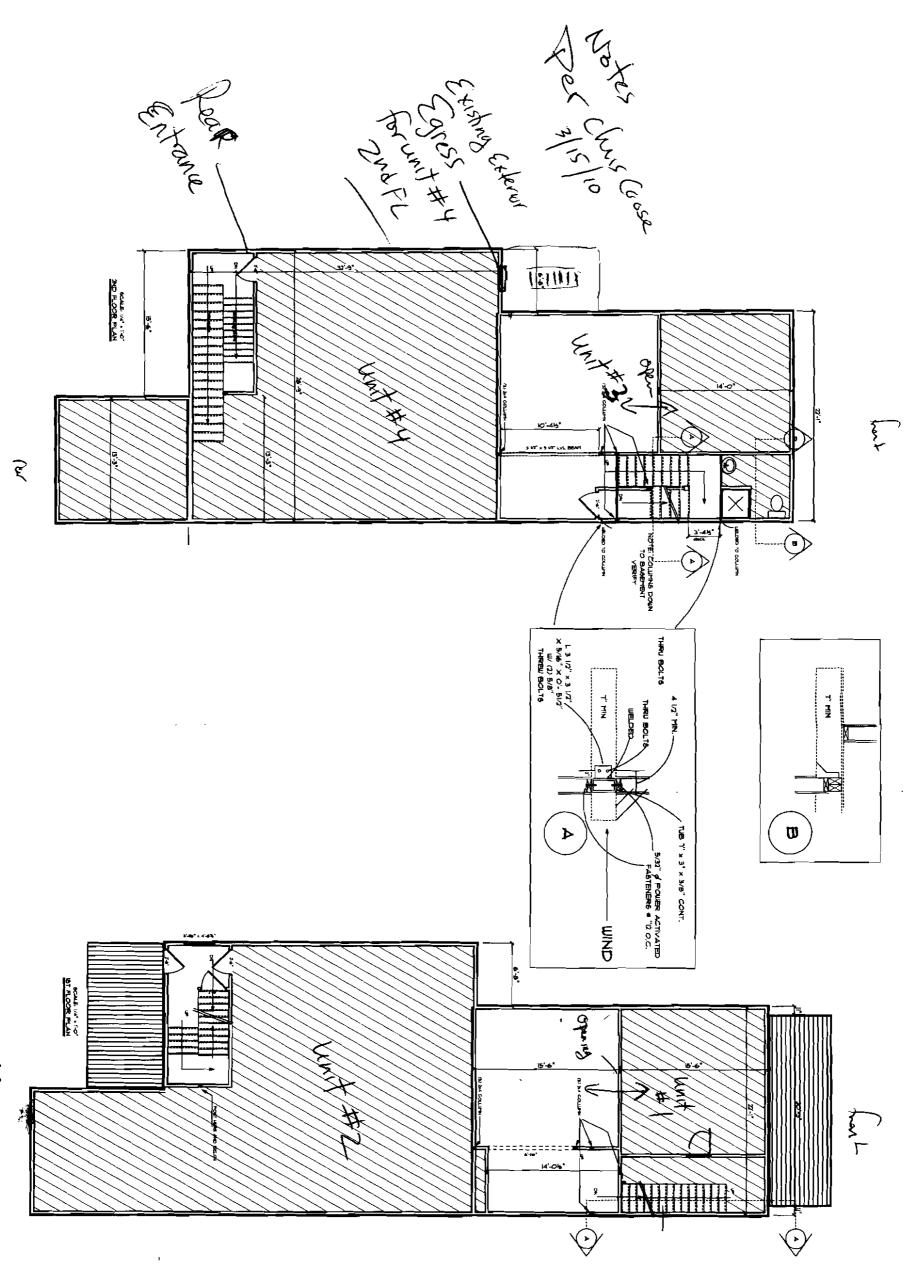
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MAR 1 8 2010

Dept. of Building Inspections City of Portland Maine

Joseph H. Leasure, P.E. cc: File



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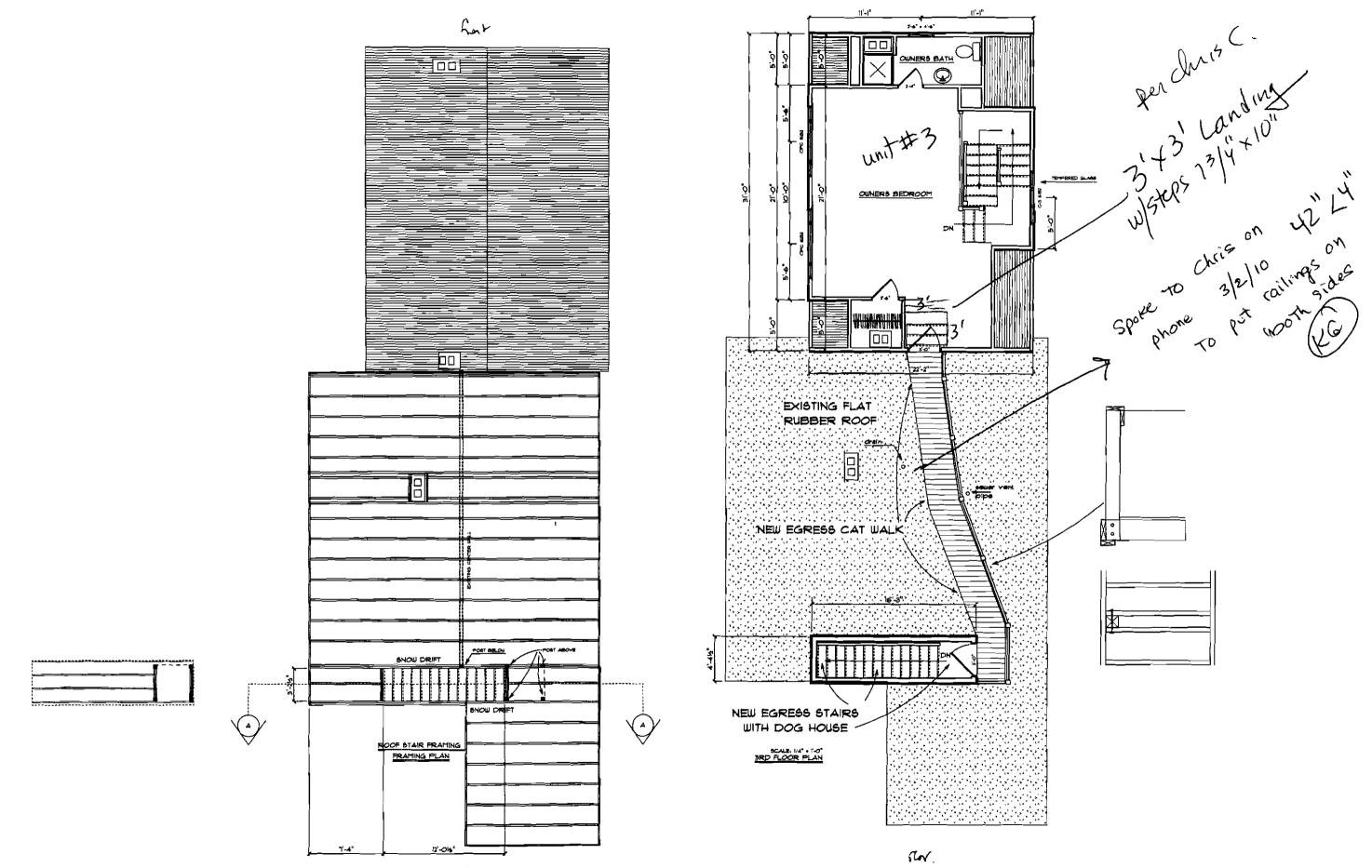
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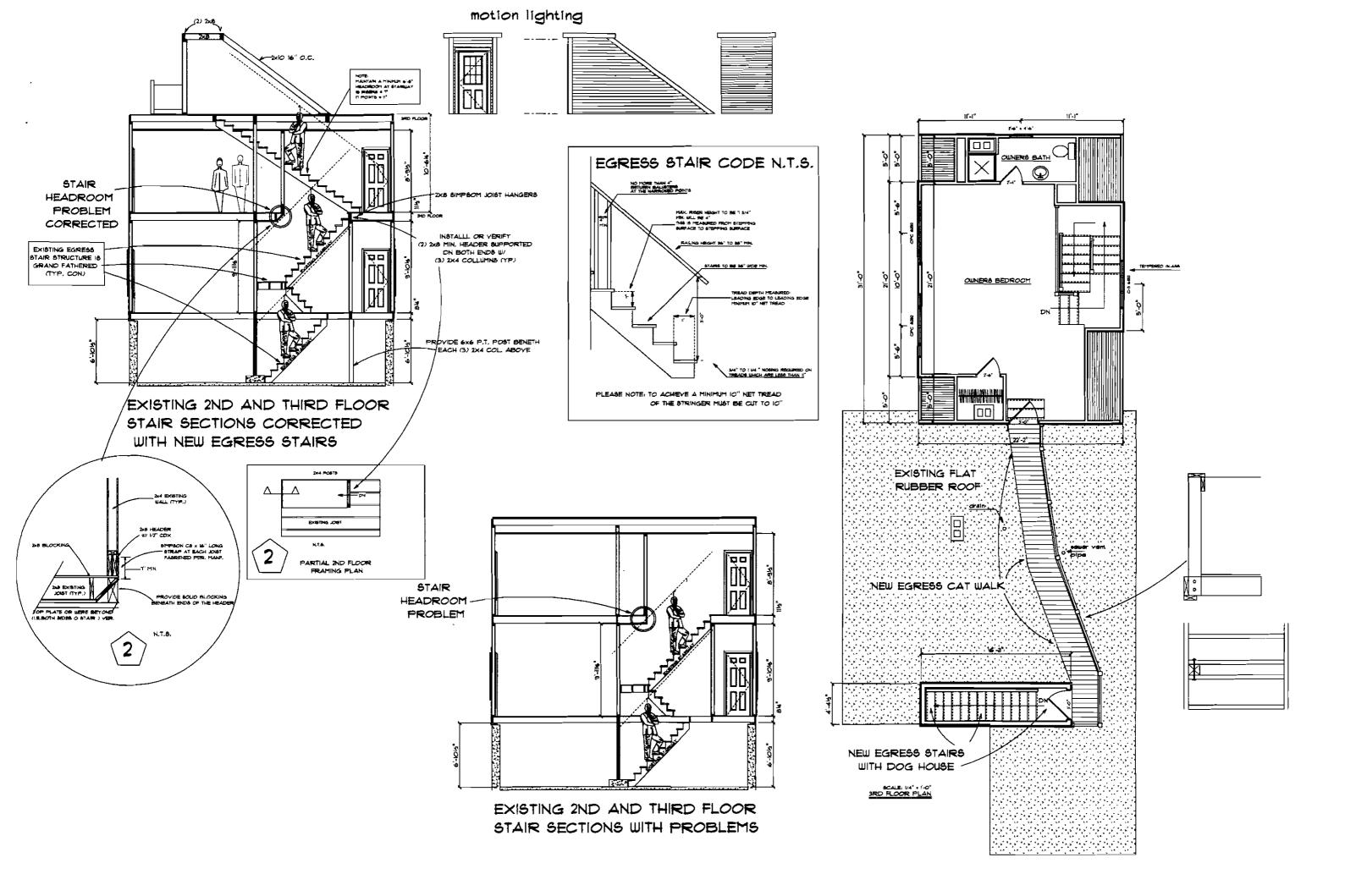
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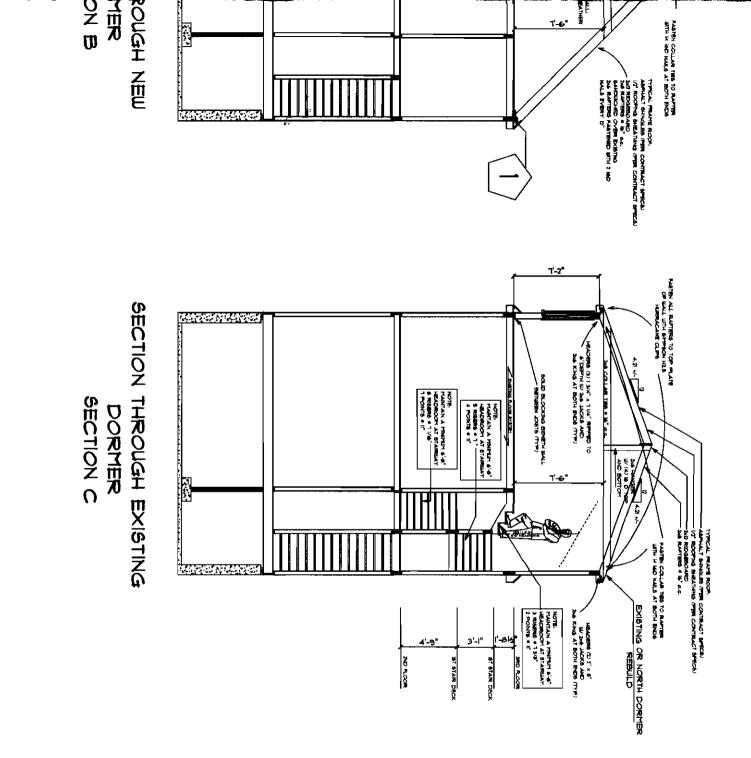
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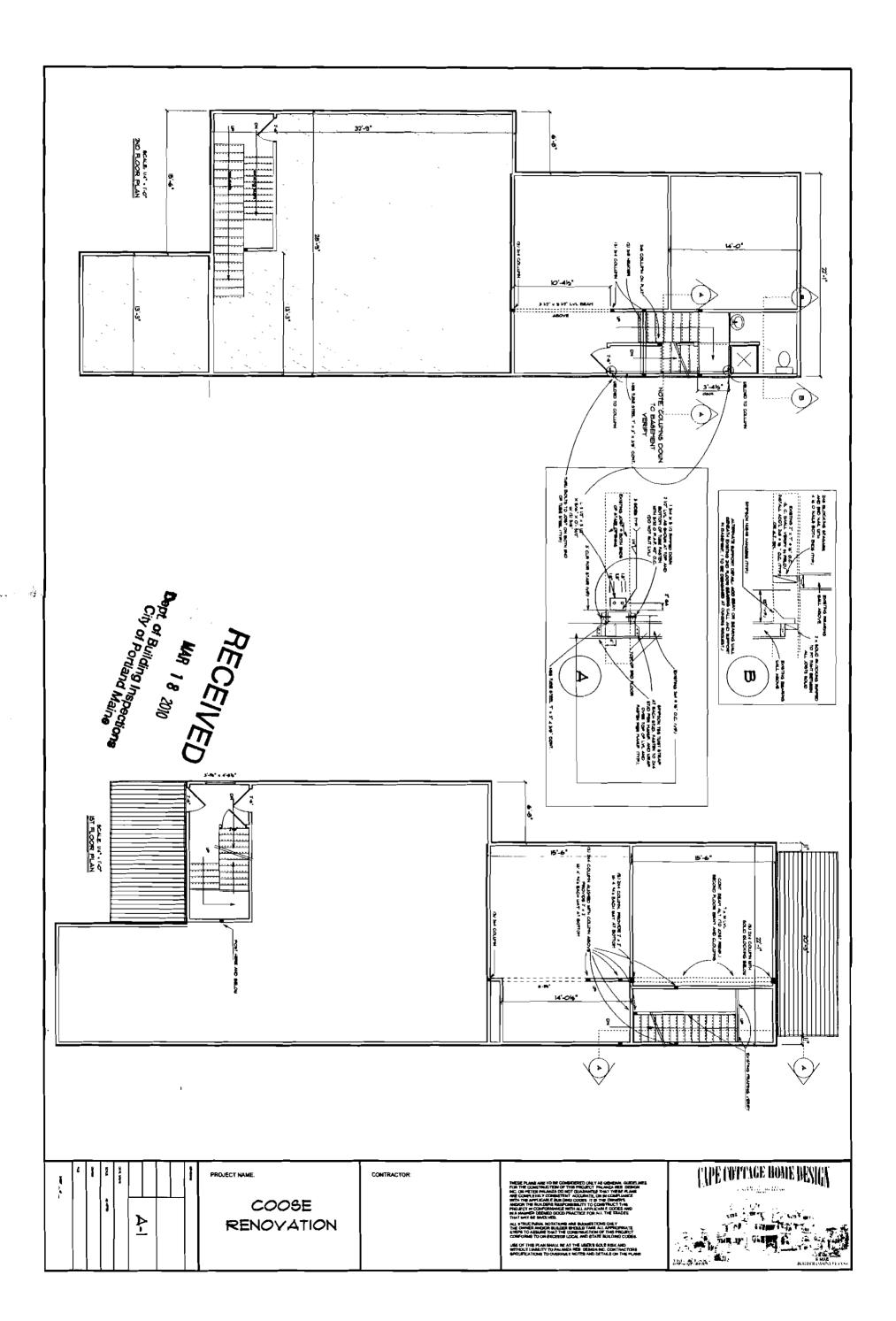
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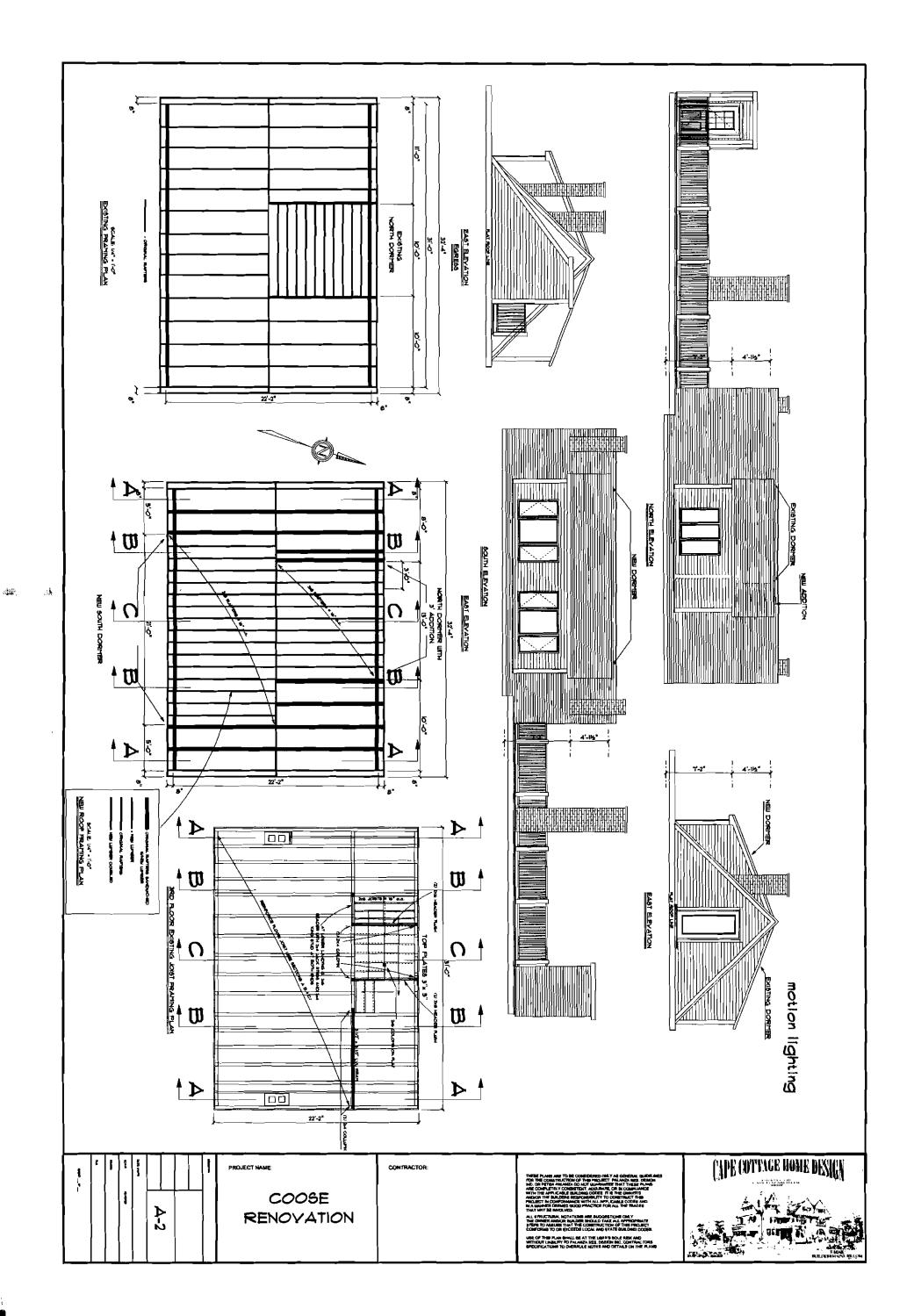


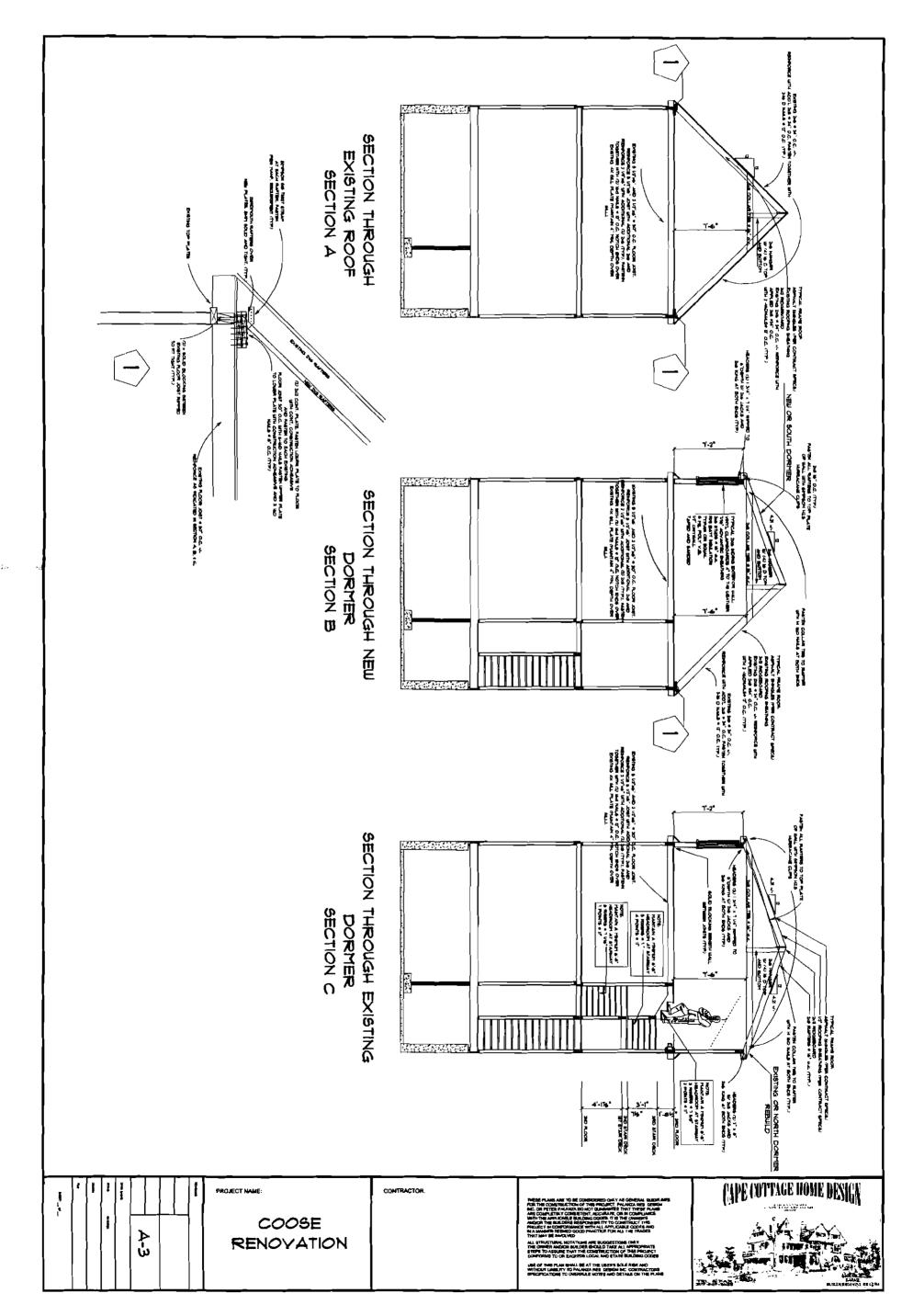
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