

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT ISSUED

Permit Number: 030230

MAR 26 2003

Please Read Application And Notes, If Any, Attached

This is to certify that Turgeon Jennifer A Powers self

has permission to Build 2 story 14' x 30' addition **CITY OF PORTLAND**

AT 101 Murray St 162 D016001

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 application on file in 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 started or otherwise closed-in. YOUR NOTIFICATION IS 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 _____

Department Name

Jeanie Bonke 3/26/03
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

PERMIT ISSUED

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 03-0230	Issue Date: MAR 26 2003	CBL: 162 D016001
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Location of Construction: 101 Murray St	Owner Name: Turgeon Jennifer A Powers &	Owner Address: 101 Murray St CITY OF PORTLAND	Phone: 871-7230
Business Name:	Contractor Name: self	Contractor Address: 101 Murray Street Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	Zone: R-3

Past Use: Single Family	Proposed Use: Single Family	Permit Fee:	Cost of Work: \$0.00	CEO District: 2
Proposed Project Description: Build 2 story 14' x 30' addition		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: 5B BOCA 1999 Signature: JMB 3/26/03	
		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: jmb	Date Applied For: 03/25/2003	Zoning Approval	
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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 checked="" type="checkbox"/> Flood Zone <i>Panel 7 Zone X See yr Flood</i> <input type="checkbox"/> Subdivision <i>Sec. 14-433 if needed</i> <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>3/26/03 JMB</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>3/26/03</i>
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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 _____

4/18/03 - Checked set backs ok - will be flush to
house which gives 8 FT 10 inches (8'10") on only close
side. Concrete Pier Depth 4+ feet - OK to pour
Cement + start construction. Tom M

5/21/03 - Couldn't find Elec permit -
New O/H Service ok - @ Called to AR. 3PM

10/27/03 - Close in inspection - no ready yet -
was told plumbing/electric/framing were all separate
inspections. will call when all ready. Tom M

City of Portland, Maine - Building or Use Permit

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

Permit No: 03-0230	Date Applied For: 03/25/2003	CBL: 162 D016001
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Location of Construction: 101 Murray St	Owner Name: Turgeon Jennifer A Powers &	Owner Address: 101 Murray St	Phone: () 871-7230
Business Name:	Contractor Name: self	Contractor Address: 101 Murray Street Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	

Proposed Use: Single Family	Proposed Project Description: Build 2 story 14' x 30' addition
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 03/26/2003

Note: **Ok to Issue:**

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 3) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 4) Sec. 14-433 could be used to reduce side setback to 5' although the plan shows 8'.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 03/26/2003

Note: **Ok to Issue:**

- 1) Separate permits are required for any electrical or plumbing work.
- 2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
- 3) Engineered stamped plans

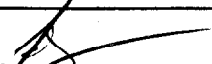
All Purpose Building Permit Application

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.

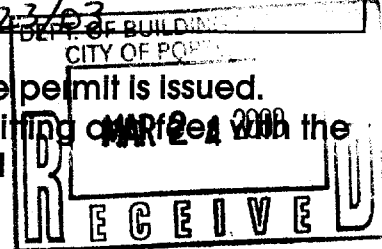
Location/Address of Construction: <u>101 MURRAY ST</u>		
Total Square Footage of Proposed Structure <u>756 sq'</u>	Square Footage of Lot <u>12,000 sq'</u>	
Tax Assessor's Chart, Block & Lot Chart# <u>162</u> Block# <u>D</u> Lot# <u>460-463</u>	Owner: <u>JENNIFER + CHAD TURGEON</u>	Telephone: <u>207-871-7230</u>
Lessee/Buyer's Name (if Applicable)	Applicant name, address & telephone: <u>JENNIFER + CHAD TURGEON</u> <u>101 MURRAY ST</u> <u>PORTLAND ME 04103</u>	Cost Of Work: \$ <u>35,000</u> Fee: \$ <u>268.00</u>
Current use: <u>RESIDENCE</u>		
If the location is currently vacant, what was prior use: <u>N/A</u>		
Approximately how long has it been vacant: <u>N/A</u>		
Proposed use: <u>RESIDENCE</u>		
Project description: <u>ADDITION CONSISTING OF LIVING ROOM, MASTER BED + BATH</u> <u>2 story 14' X 30'</u>		
Contractor's name, address & telephone:		
Who should we contact when the permit is ready: <u>CHAD TURGEON</u>		
Mailing address: <u>101 MURRAY ST</u> <u>PORTLAND ME 04103</u>		
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. PHONE: <u>207-871-7230</u>		

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: <u>3/23/03</u>
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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 with the Planning Department on the 4th floor of City Hall



CK # 1308

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or ~~874-8693~~ to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

JB **Pre-construction Meeting:** Must be scheduled with your inspection team upon receipt of this permit. Jay Reynolds, Development Review Coordinator at 874-8632 must also be contacted at this time, before any site work begins on any project other than single family additions or alterations.

W/Re bar **Footing/Building Location Inspection:** Prior to pouring concrete

NA **Re-Bar Schedule Inspection:** Prior to pouring concrete

NA **Foundation Inspection:** Prior to placing ANY backfill

Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling

Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a ~~\$75.00~~ fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

NA **CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED**

Richard S. Powers
Signature of applicant/designee

Date
3/26/03

Deanne Bouke
Signature of Inspections Official

Date

CBL: 162-D-16-19 Building Permit #: 03-0230

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 162 D016001
Location 101 MURRAY ST
Land Use SINGLE FAMILY

Owner Address TURGEON JENNIFER A POWERS & CHAD P TURGEON JTS
 101 MURRAY ST
 PORTLAND ME 04103

Book/Page 18750/153
Legal 162-D-16-17-18-19
 MURRAY ST 99-107

 12000 SF

Valuation Information

Land	Building	Total
\$34,970	\$73,600	\$108,570

Property Information

Year Built 1957	Style Cape	Story Height 1	Sq. Ft. 1075	Total Acres 0.275		
Bedrooms 3	Full Baths 1	Half Baths	Total Rooms 6	Attic Full Finsh	Basement Full	

Outbuildings

Type	Quantity	Year Built	Size	Grade	Condition
GARAGE-WD/CB	1	1957	20X22	C	F
SHED-FRAME	1	2001	8X21	C	A

Sales Information

Date	Type	Price	Book/Page
01/01/2003	LAND + BLDING		18750-153
04/27/1999	LAND + BLDING	\$117,500	14708-136

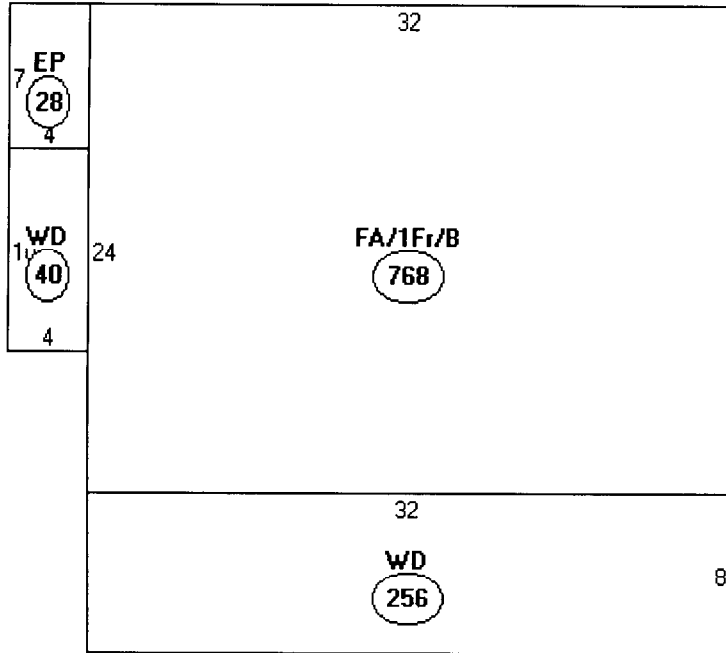
Picture and Sketch

[Picture](#) [Sketch](#)

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

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

New Search!



Descriptor/Area

A: FA/1Fr/B
768 sqft

B: WD
40 sqft

C: EP
28 sqft

D: WD
256 sqft

Warranty Deed
(Maine Statutory Short Form)

Philip C. Spitze of Rockford, Illinois and **Jennifer A. Powers** of Portland, Maine, for consideration paid, grant to **Jennifer A. Powers Turgeon and Chad P. Turgeon** of Portland, Maine, as joint tenants, with WARRANTY COVENANTS, the following described real property situated at **101 Murray Street, Portland, Cumberland County, Maine**

A certain lot or parcel of land with the buildings thereon, situated in Portland, and being more particularly describe on Exhibit A attached hereto and made a part hereof.

Meaning and intending to convey the same premises described in a deed from Robert J. Curran and Jana L. Curran, dated April 23, 1999, and recorded in the Cumberland County Registry of Deeds in Book 14708, Page 136.

Witness my hand this 14 day of Jan 2003.

Robert Lynn
Witness

Philip C. Spitze
Philip C. Spitze

State of Illinois
County of Winnebago



Personally appeared the above named Philip C. Spitze and acknowledged the foregoing instrument to be his free act and deed.

Before me,

Bonnie Staley
Notary Public

Printed Name: Bonnie Staley

Commission Expires: 5/22/04

Witness my hand this 7 day of January 2003.

Laura Hudson

Witness

Jennifer A. Powers

Jennifer A. Powers

State of Maine
County of Cumberland

Personally appeared the above named Jennifer A. Powers and acknowledged the foregoing instrument to be his free act and deed.

Before me,

Kristin J. Mailman
Notary Public

Printed Name: Kristin J. Mailman

Commission Expires:

KRISTIN J. MAILMAN
Notary Public, Maine
My Commission Expires June 1, 2008

EXHIBIT A

The land in Portland, County of Cumberland, State of Maine, described as follows:

Four certain lots or parcels of land, with the buildings thereon, situated on the northeasterly side of Murray Street, so-called, in the City of Portland, County of Cumberland and State of Maine, and being lots number 460, 461, 462 and 463 according to a plan of lots known as "Forest Hills" formerly owned by the A.H. Chapman Land Company, said plan being made by E.N. Sheffield, Civil Engineer, and recorded in Cumberland County Registry of Deeds in Plan Book 15, Page 41. Each lot measures 30 feet on Murray Street and has a depth of 100 feet.

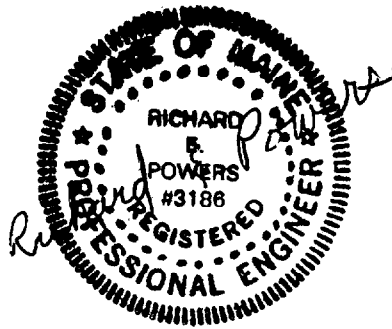
Received
Recorded Register of Deeds
Jan 23, 2003 10:12:23A
Cumberland County
John B. O'Brien

A TRUE COPY OF RECORD

Attest

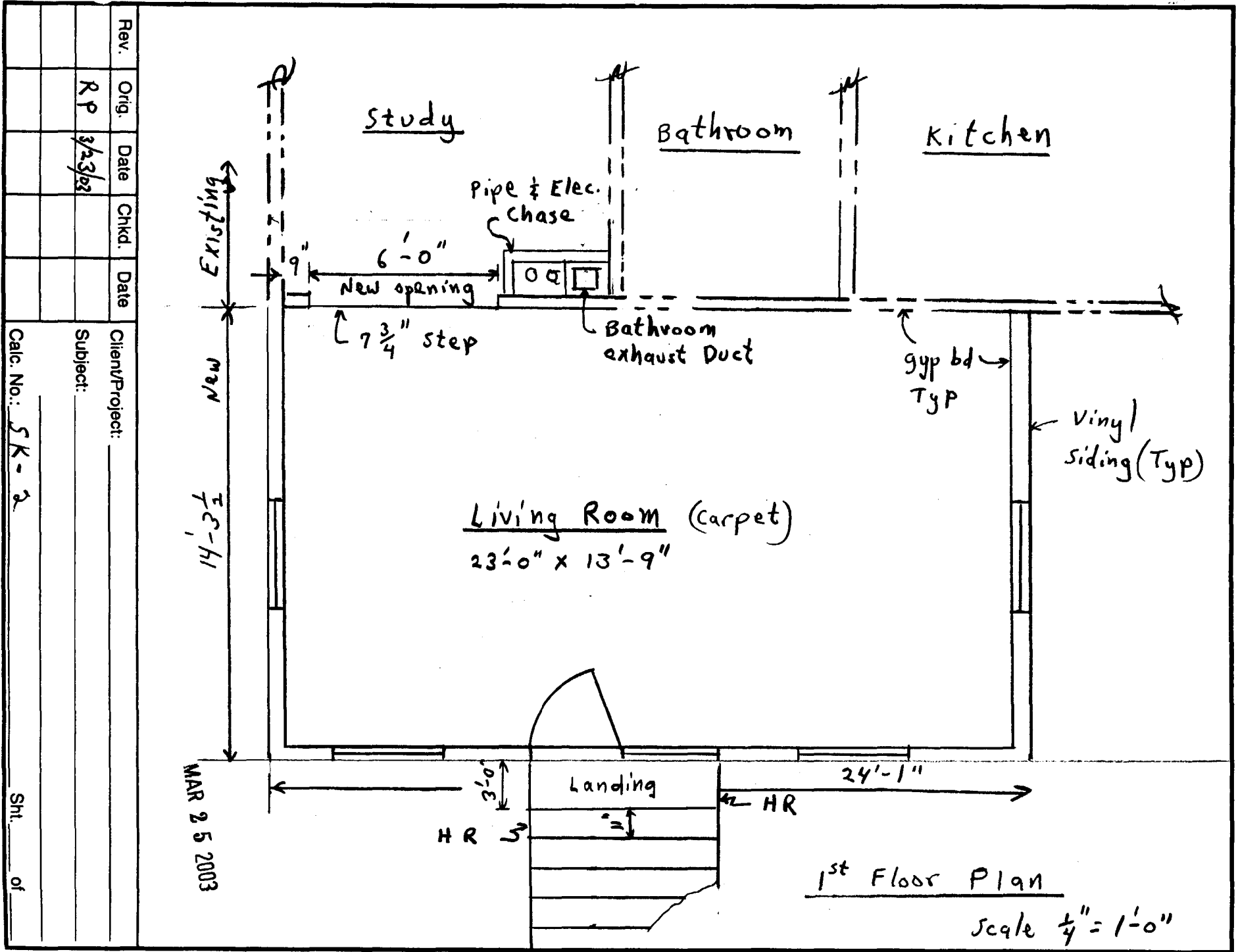
John B. O'Brien
Register

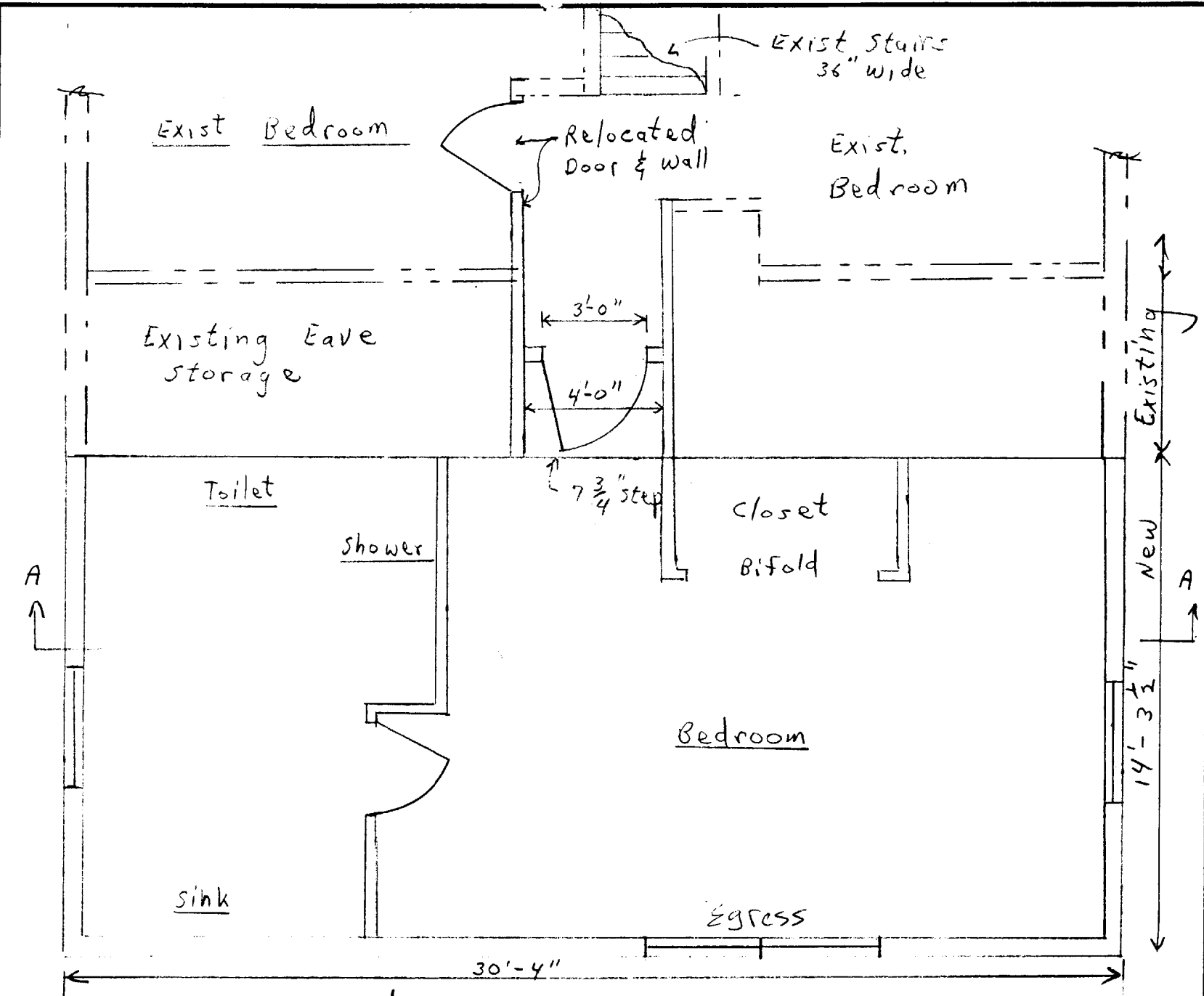
Plans & section for Wood Framed
Addition @ 101 Murray St. , Portland



Prepared for
Jennifer & Chad Turgeon

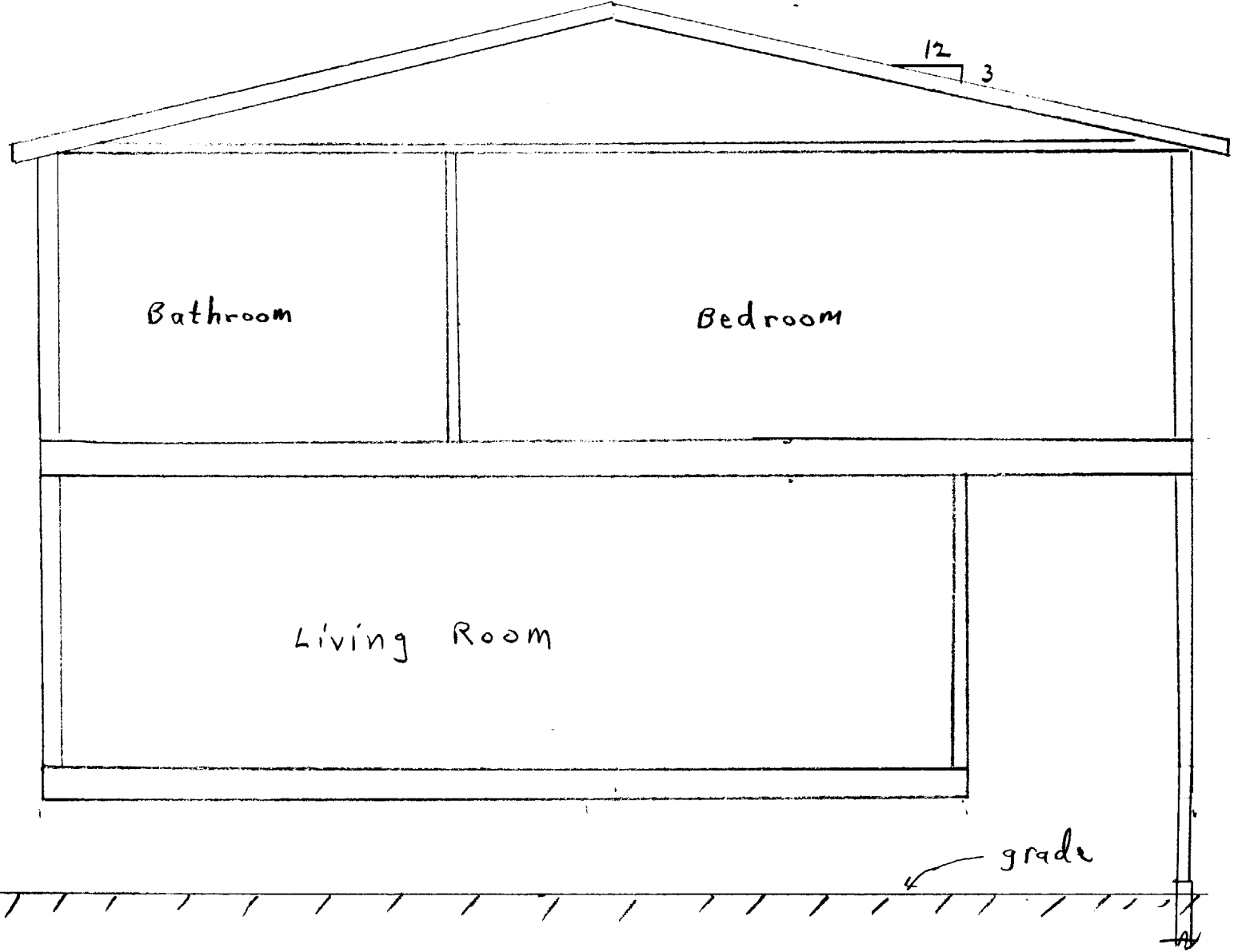
Rev.	Orig.	Date	Chkd.	Date	Client/Project:
					Subject:
					Calc. No.: <u>SK-1</u> Sht. ____ of ____





2nd Floor Plan scale 1/4" = 1'-0"

Rev.	Orig.	Date	Chkd.	Date
	RP	3/23/22		
Client/Project: _____				
Subject: _____				
Calc. No.: SK-3				
Sht. _____ of _____				



Bathroom

Bedroom

Living Room

grade

section A

Rev.	Orig.	Date	Chkd.	Date
	RR	3/23		

RR

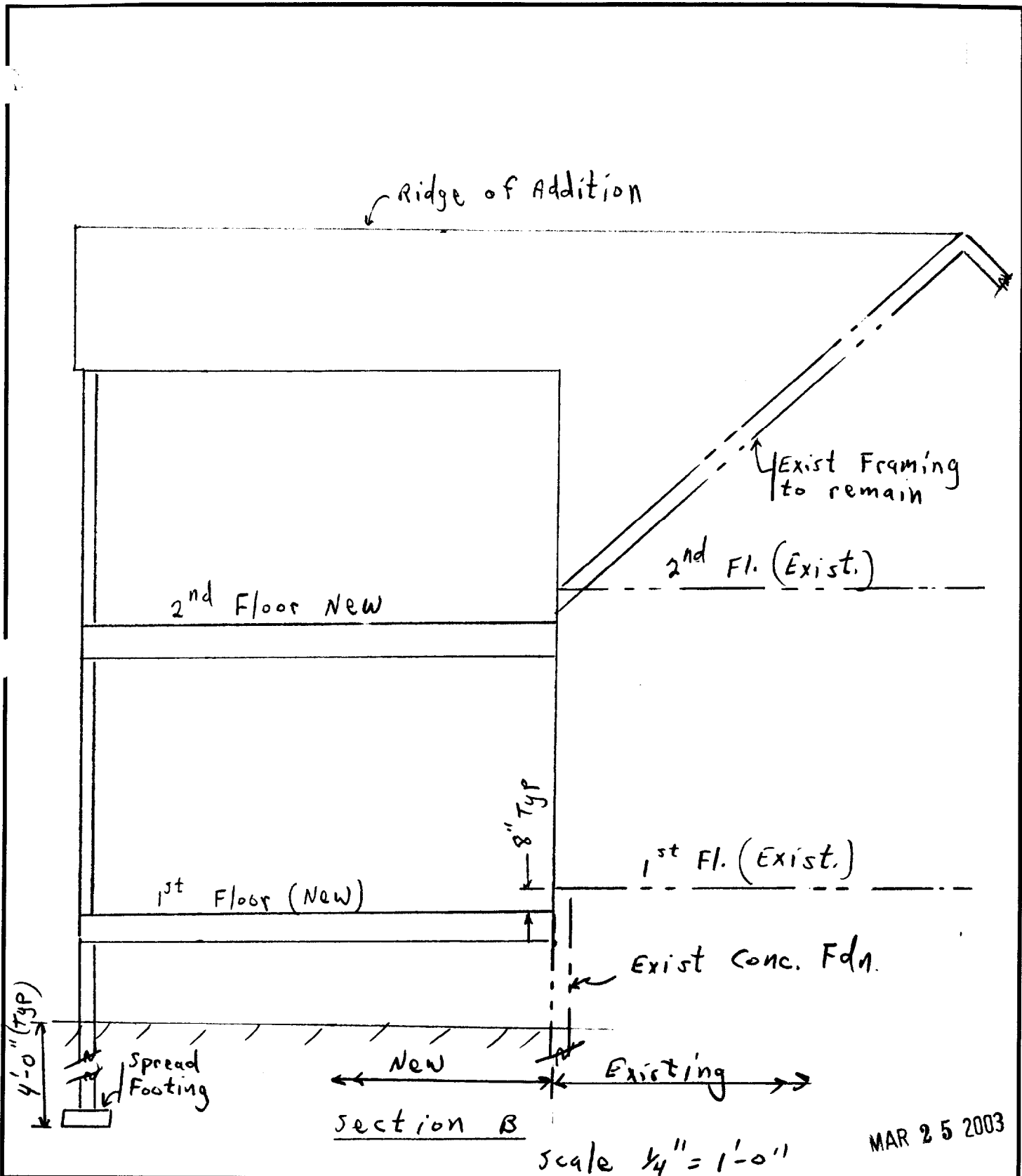
3/23

Client/Project:

Subject:

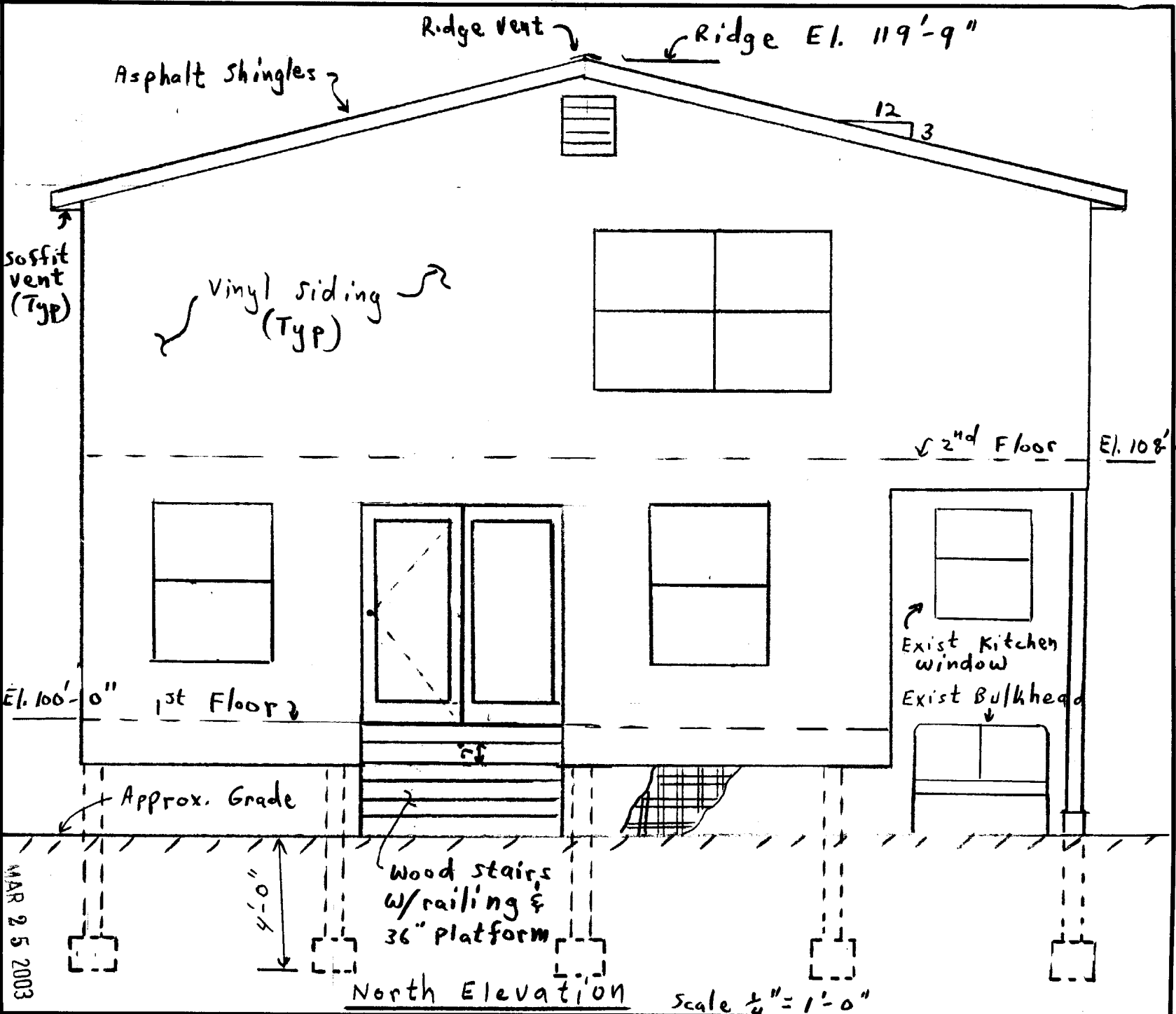
Calc. No.: SK-3A

Sht. of



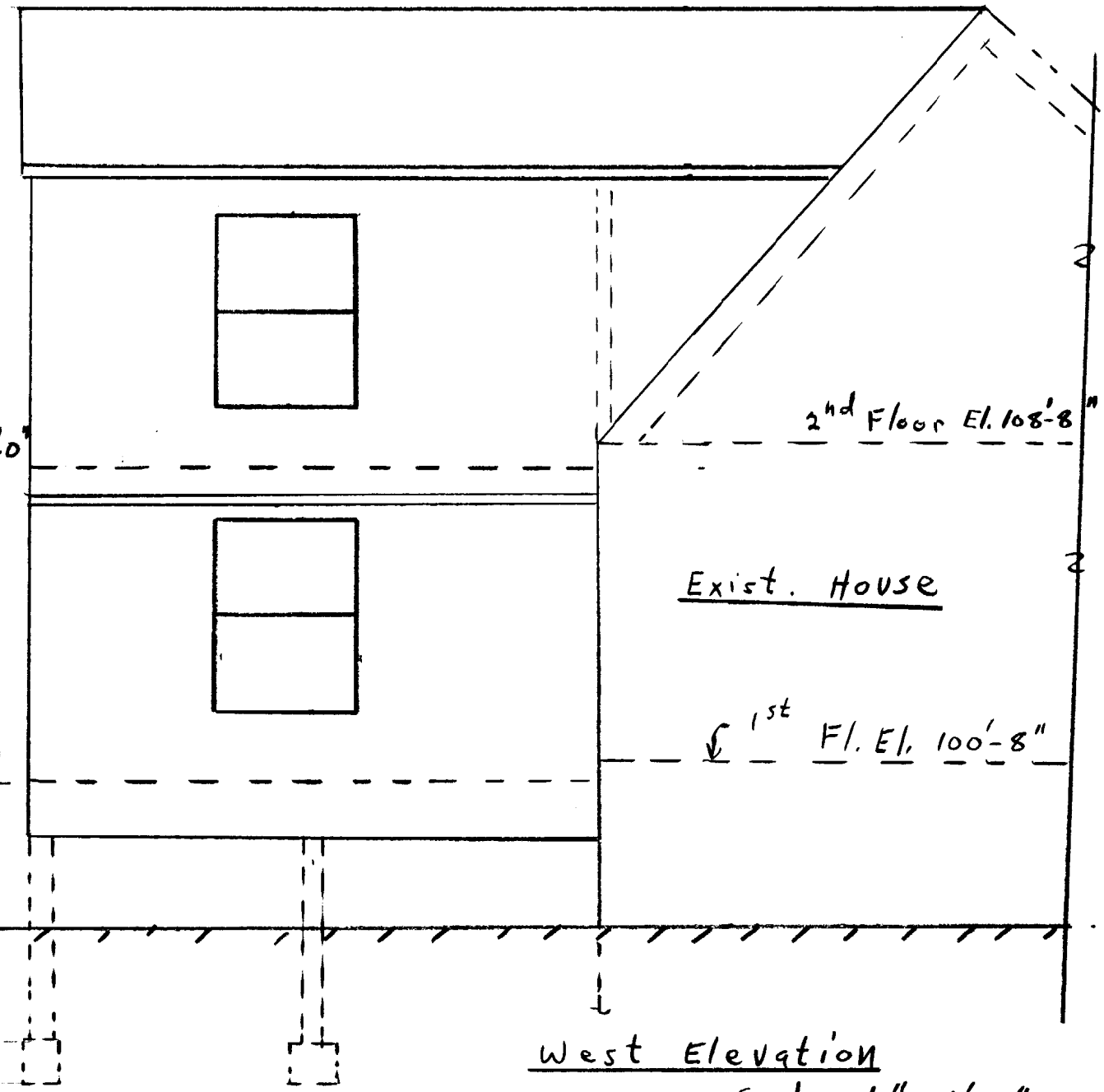
Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/23			
					Subject:
					Calc. No.: SK-3B
					Sht. of

Rev.	Orig.	Date	Chkd.	Date
	RP	3/16/03		



Client/Project: _____
 Subject: _____
 Calc. No.: SK-4
 Sht. ___ of ___
 MAR 25 2003

North Elevation Scale 1/4" = 1'-0"



2nd Floor El. 108'-0"

2nd Floor El. 108'-8"

Exist. House

1st Fl. El. 100'-0"

1st Fl. El. 100'-8"

West Elevation

Scale $\frac{1}{4}'' = 1'-0''$

Rev.	Orig.	Date	Chkd.	Date

AP

5/6/03

Client/Project:

Subject:

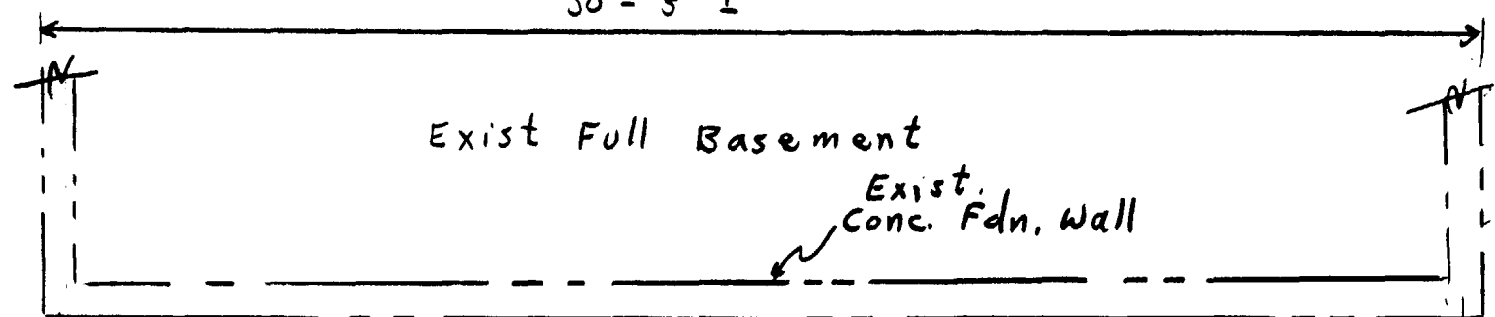
Calc. No.: SK-6

Sht. ___ of ___

30'-5" ±

Exist Full Basement

Exist. Conc. Fdn. Wall



Rev.	Orig.	Date	Chkd.	Date

RR 3/16/03

Client/Project:

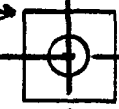
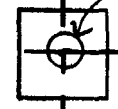
Subject:

Calc. No.: SK-7

4'-0" ±

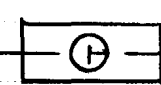
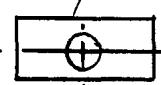
6" φ conc. pier w/ 4-#4 (Typ)

2'-0" x 2'-0" x 12" ftg (2 loc)



1'-3" x 3'-0" x 12" ftg. (4 loc)

1'-6" x 1'-6" x 12" ftg



7'-6"

7'-6"

7'-6"

7'-6"

30'-0"

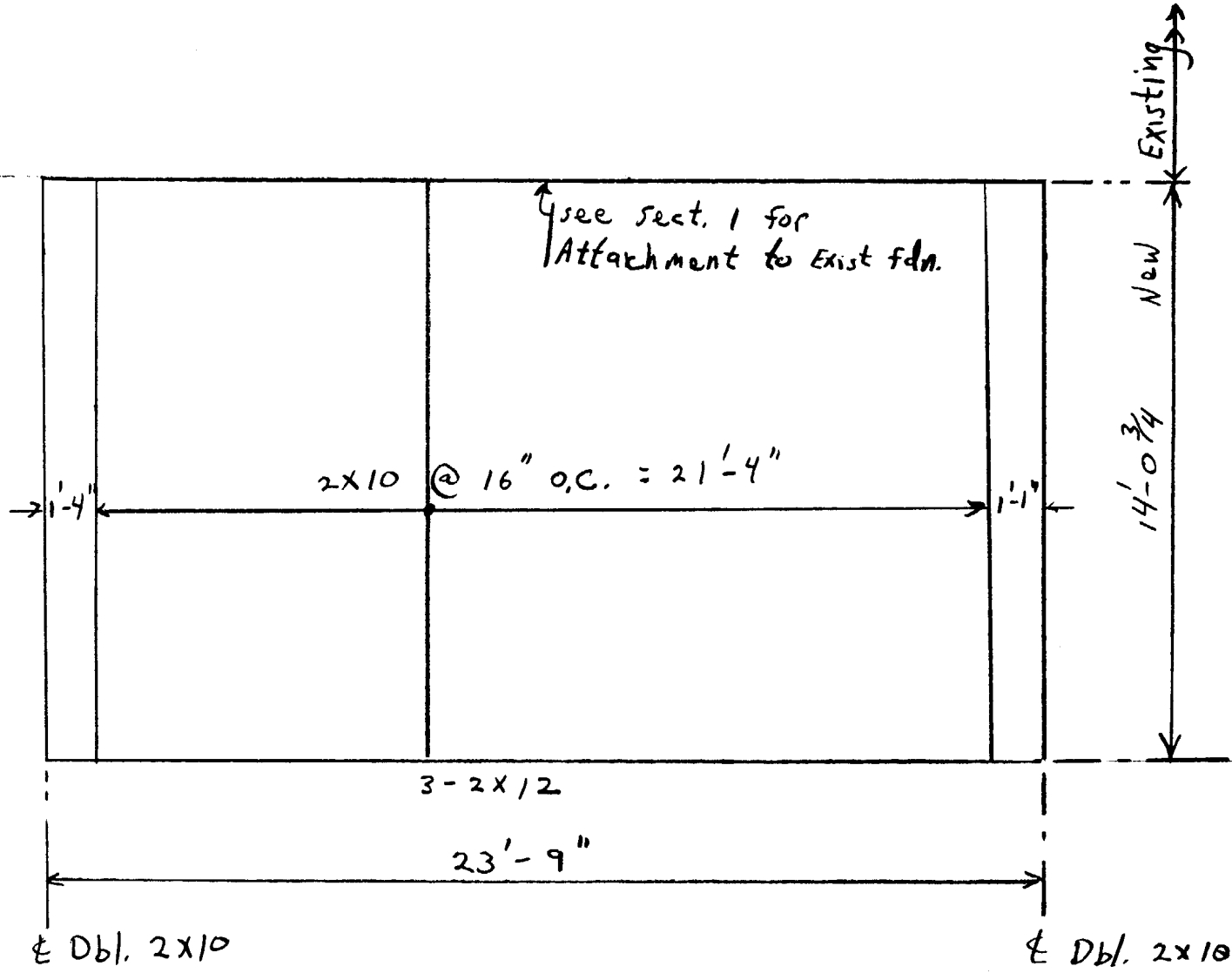
MAR 25 2003

- Notes: ① Ftg reinf. = #4 @ 12" EW Bot.
 ② Bot. ftg. El. 92.5 (4' below Grade)

Foundation Plan

Scale 1/4" = 1'-0"

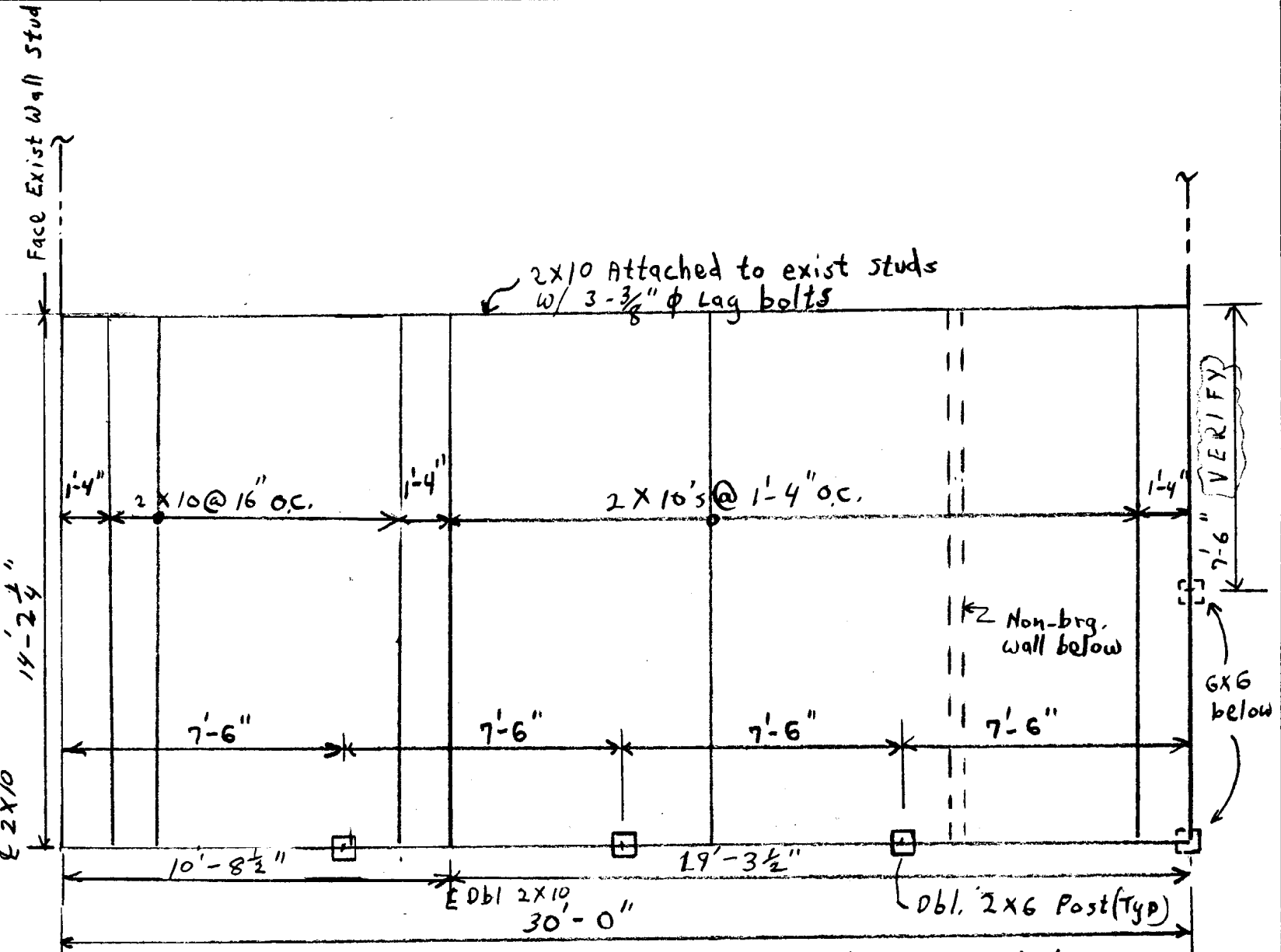
Sh. of



1st Floor Framing Plan
Scale 1/4" = 1'-0"

Rev.	Orig.	Date	Chkd.	Date
	RP	3/3/03		

Client/Project: _____
 Subject: _____
 Calc. No.: JK-8
 Sht. _____ of _____



2nd Floor Framing
 scale 1/4" = 1'-0"

Note: see lintel schedule

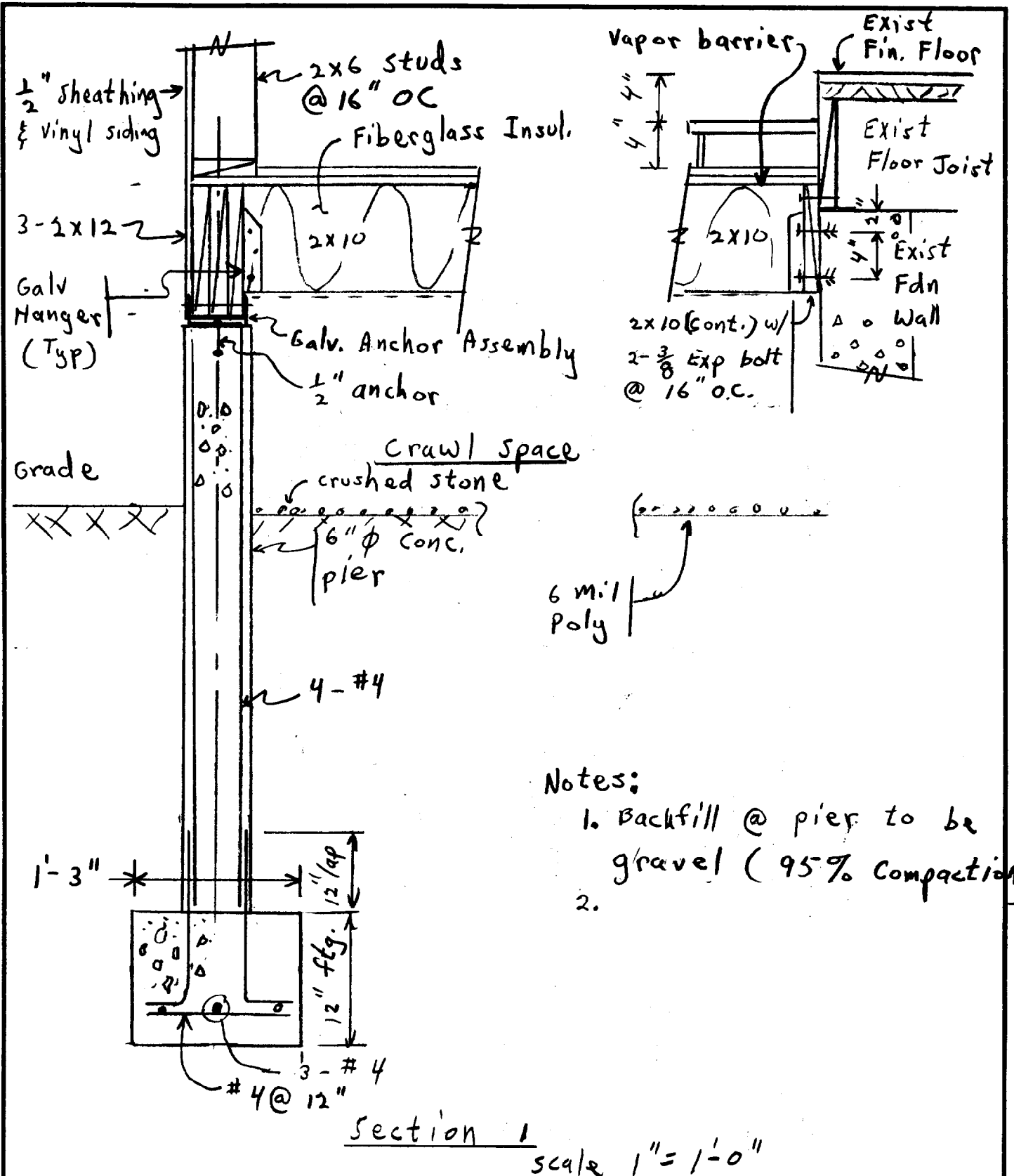
Rev.	Orig.	Date	Chkd.	Date
	RR	9/16		

Client/Project: _____

Subject: _____

Calc. No.: SK-9

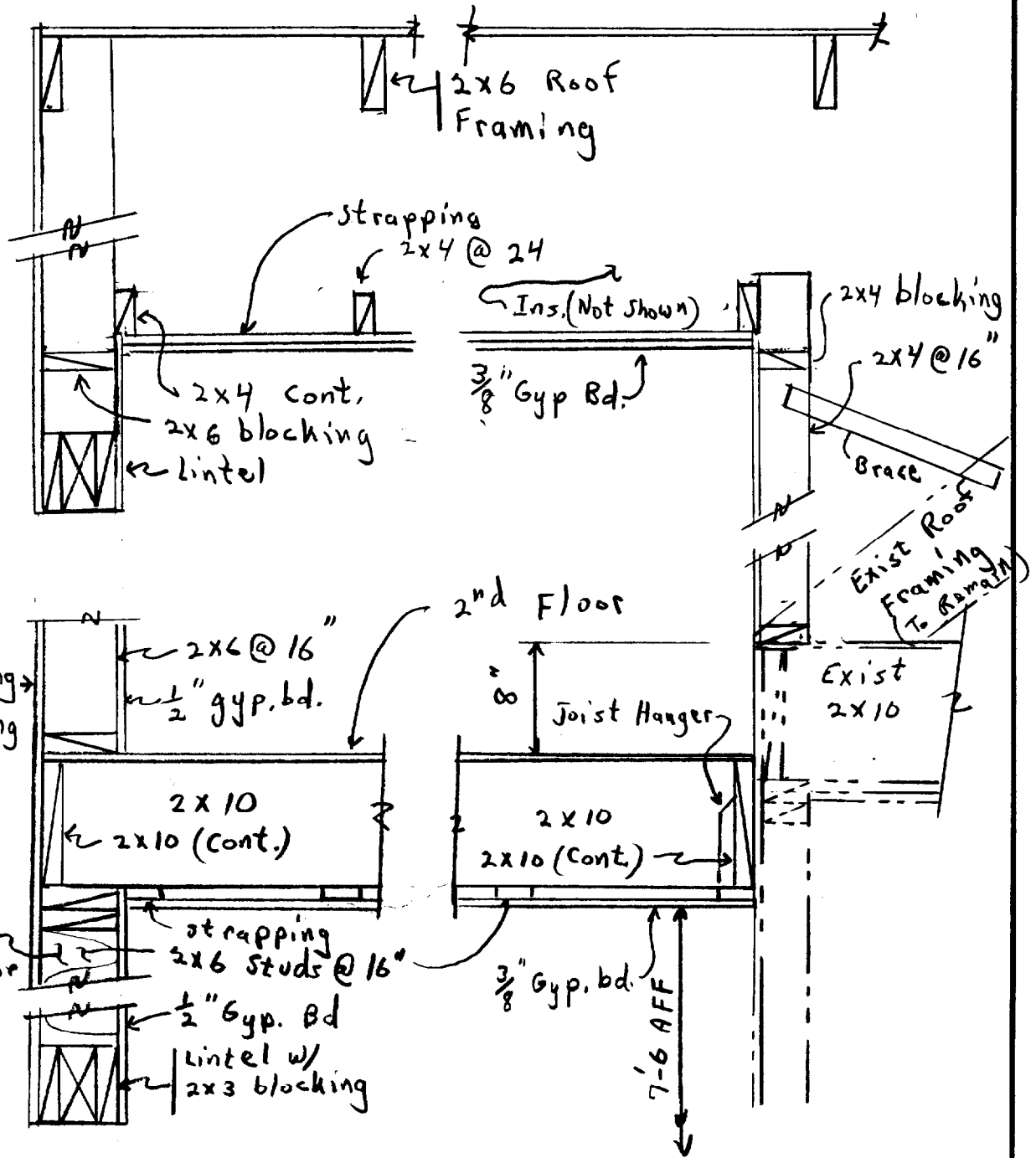
Sht. _____ of _____



- Notes:
1. Backfill @ pier to be gravel (95% compaction)
 - 2.

Section 1
scale 1" = 1'-0"

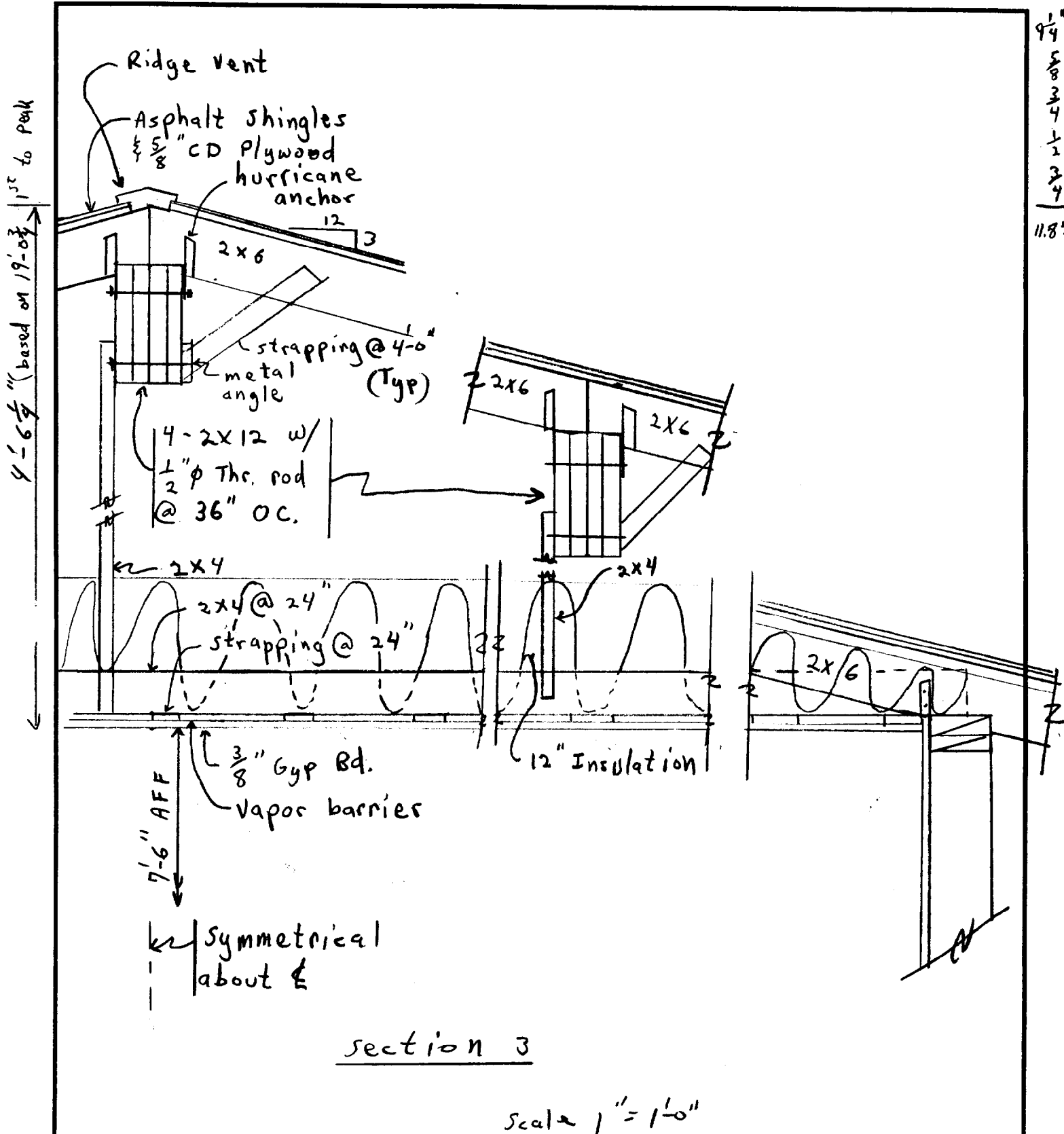
Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/2/03			Turgeon Residence Addition
					Subject: Section @
					Calc. No.: SK-10
					Sht. of



Section 2

Scale 1" = 1'-0"

Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/2/03			Section 2 - Second Floor Framing
					Calc. No.: SK-11
					Sht. of



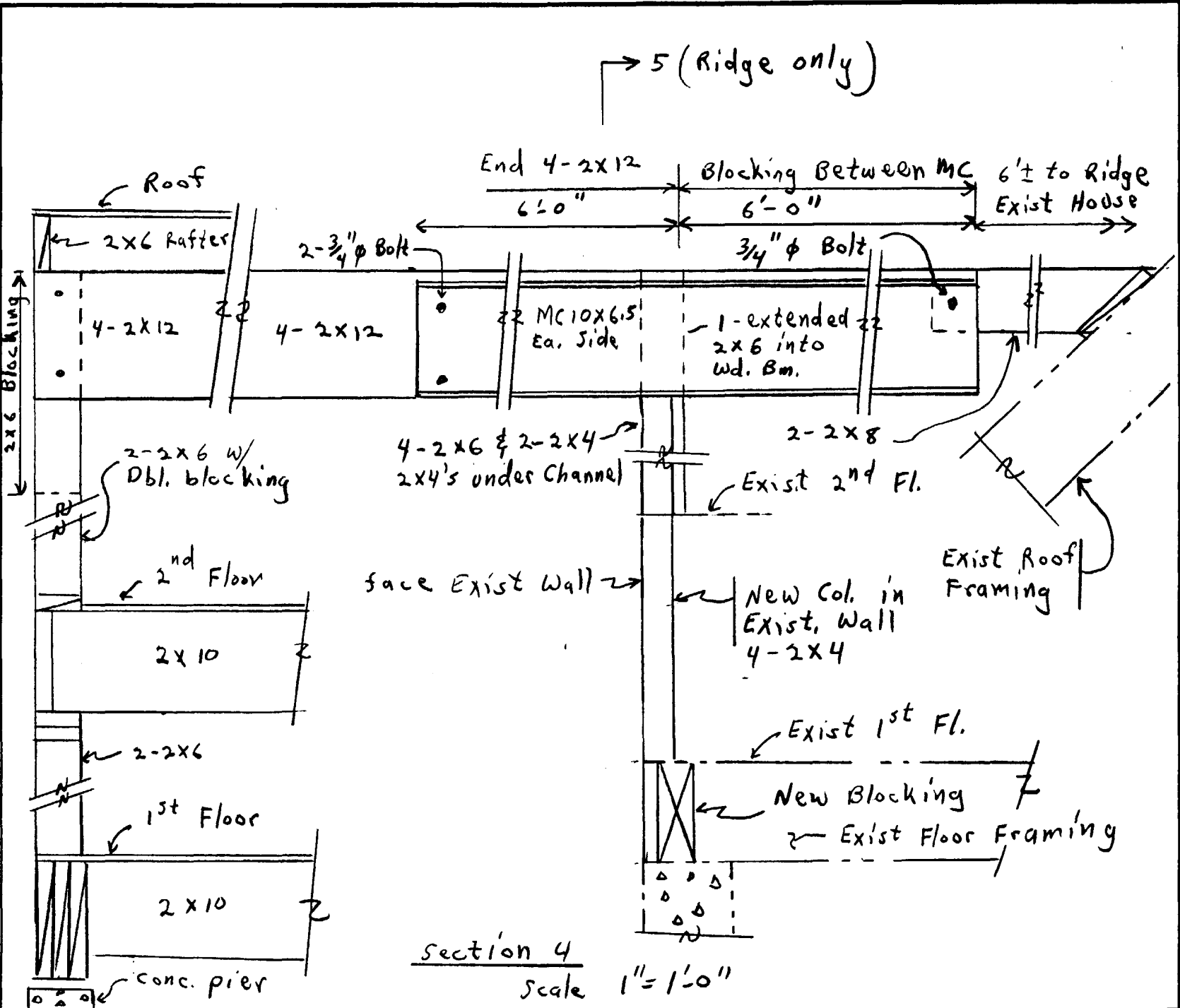
section 3

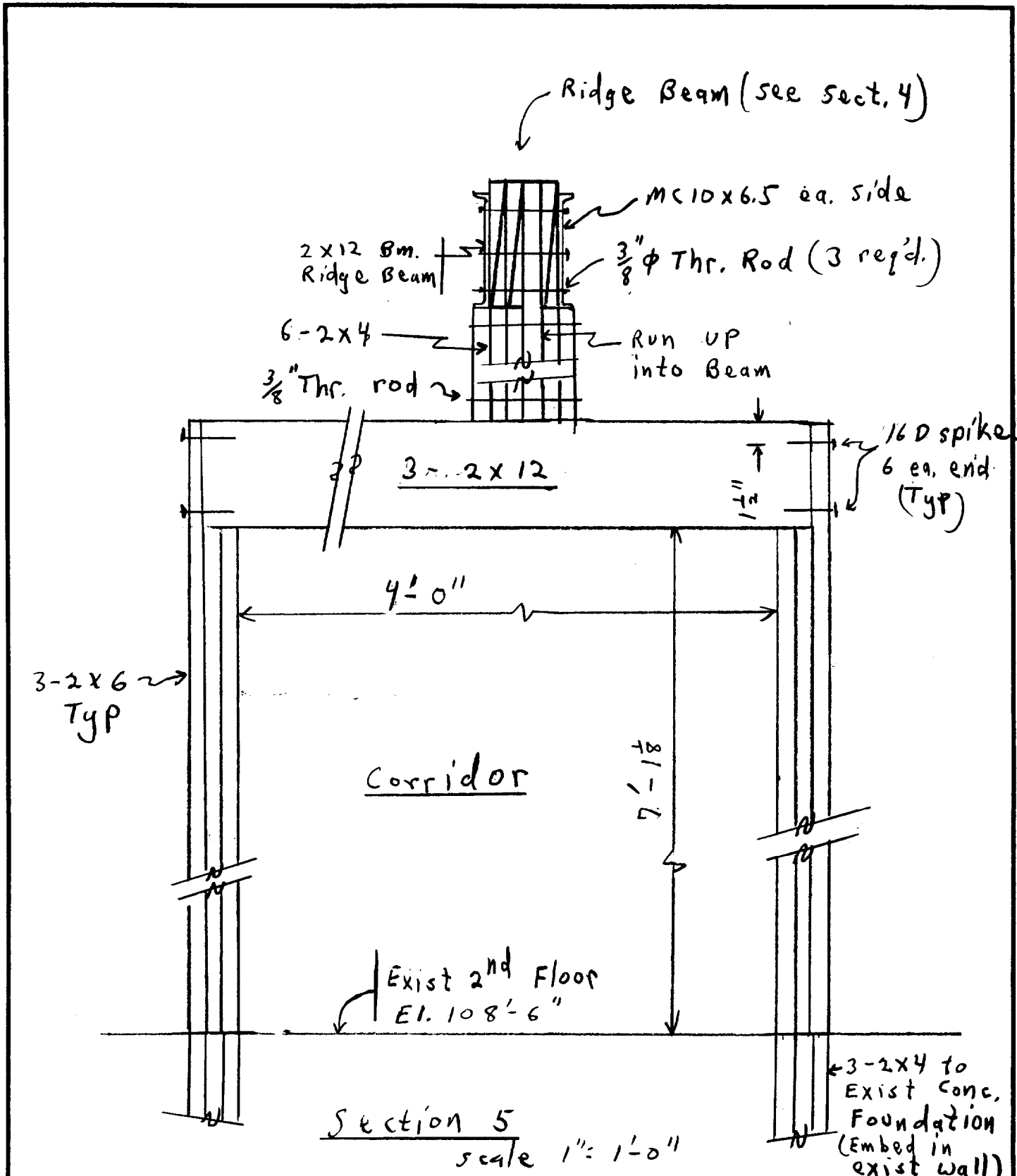
Scale 1/2" = 1'-0"

Rev.	Orig.	Date	Chkd.	Date	Client/Project:
					Subject: <u>Sections</u>
					Calc. No.: <u>SK-12</u> Sht. <u> </u> of <u> </u>

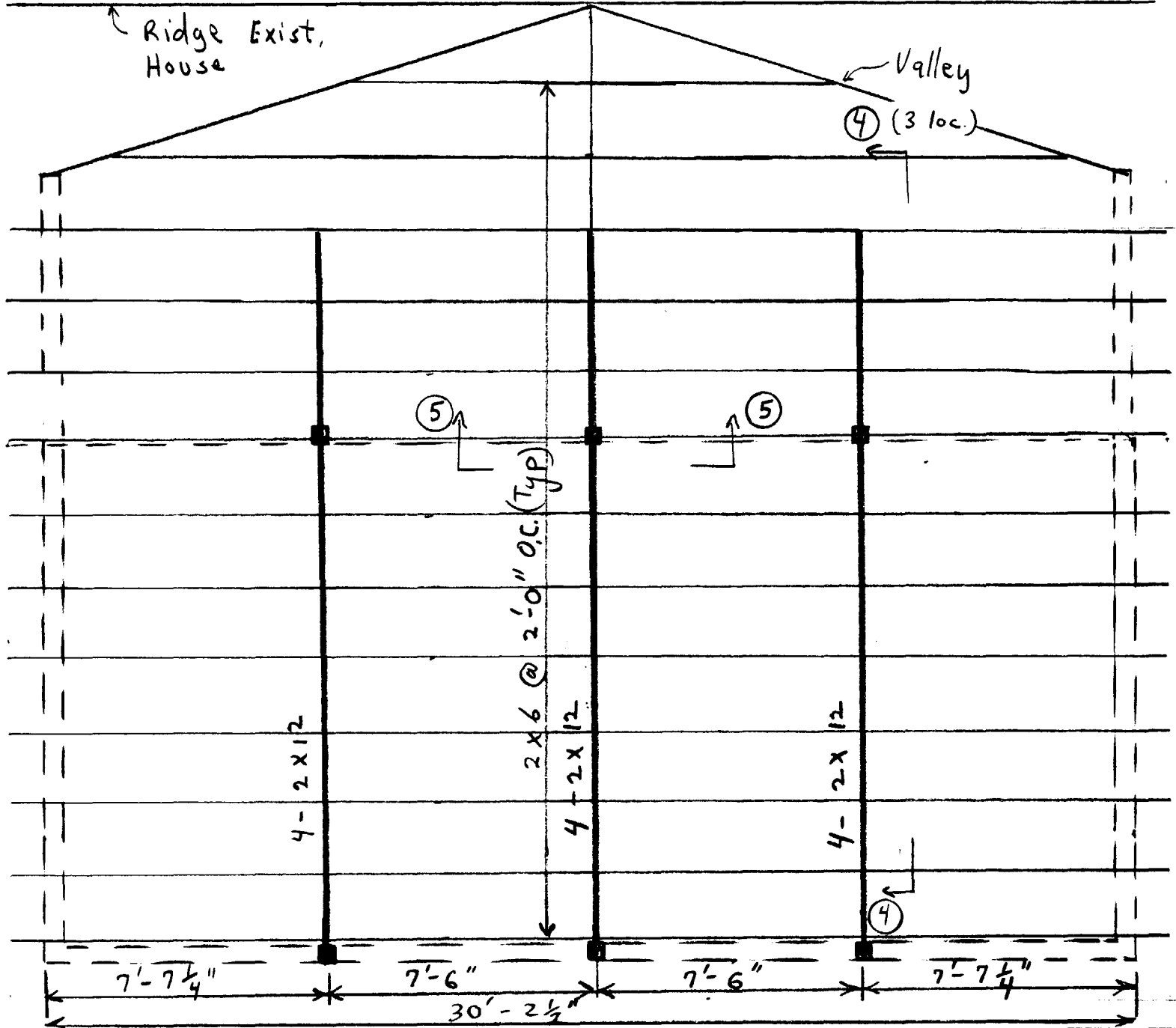
9 1/4
8 3/4
4 1/2
3 3/4
11.87

Rev.	Orig.	Date	Chkd.	Date
	RP	3/2/03		
Client/Project:				
Subject: Sect. 4				
Calc. No.: SK-13				
Sht. of				





Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/2/03			Subject: sect. 5
					Calc. No.: SK-14
					Sht. _____ of _____



Roof Framing Plan Scale $\frac{1}{4}'' = 1'-0''$

Rev.	Orig.	Date	Chkd.	Date
	RP	3/14/03		
Client/Project: _____				
Subject: _____				
Calc. No.: SK-15				
Sht. _____ of _____				

Material Specifications

1. Concrete - 3000 psi @ 28 da.
2. Framing - No. 2 Eastern Hemlock or No. 2 Eastern Spruce
3. Roof sheathing - $\frac{5}{8}$ " CDX plywood
4. Wall sheathing - $\frac{1}{2}$ " wafer board
5. Structural steel - ASTM A 36
6. Floor sheathing - $\frac{3}{4}$ " Underlayment (Carpet) ; $\frac{3}{4}$ " AC Plywood (Tile)
7. Roofing - Asphalt shingles
8. Siding - vinyl
9. Int. Finish - walls - $\frac{1}{2}$ " Gyp bd.
 c/g. - $\frac{3}{8}$ " Gyp. bd.

Rev.	Orig.	Date	Chkd.	Date	Client/Project: _____
	RP	3/23/23			Subject: _____

					Calc. No.: JK-16 Sht. _____ of _____

Lintel schedule

single windows - 2 - 2 x 6

Double Window - 2 - 2 x 6

Patio Door - 3 - 2 x 8

New 6'-0" opening @ Exist House - 8x8 w/4x4 cols.

Window schedule

All windows are Anderson Double Hung 400 series, TW 3446.

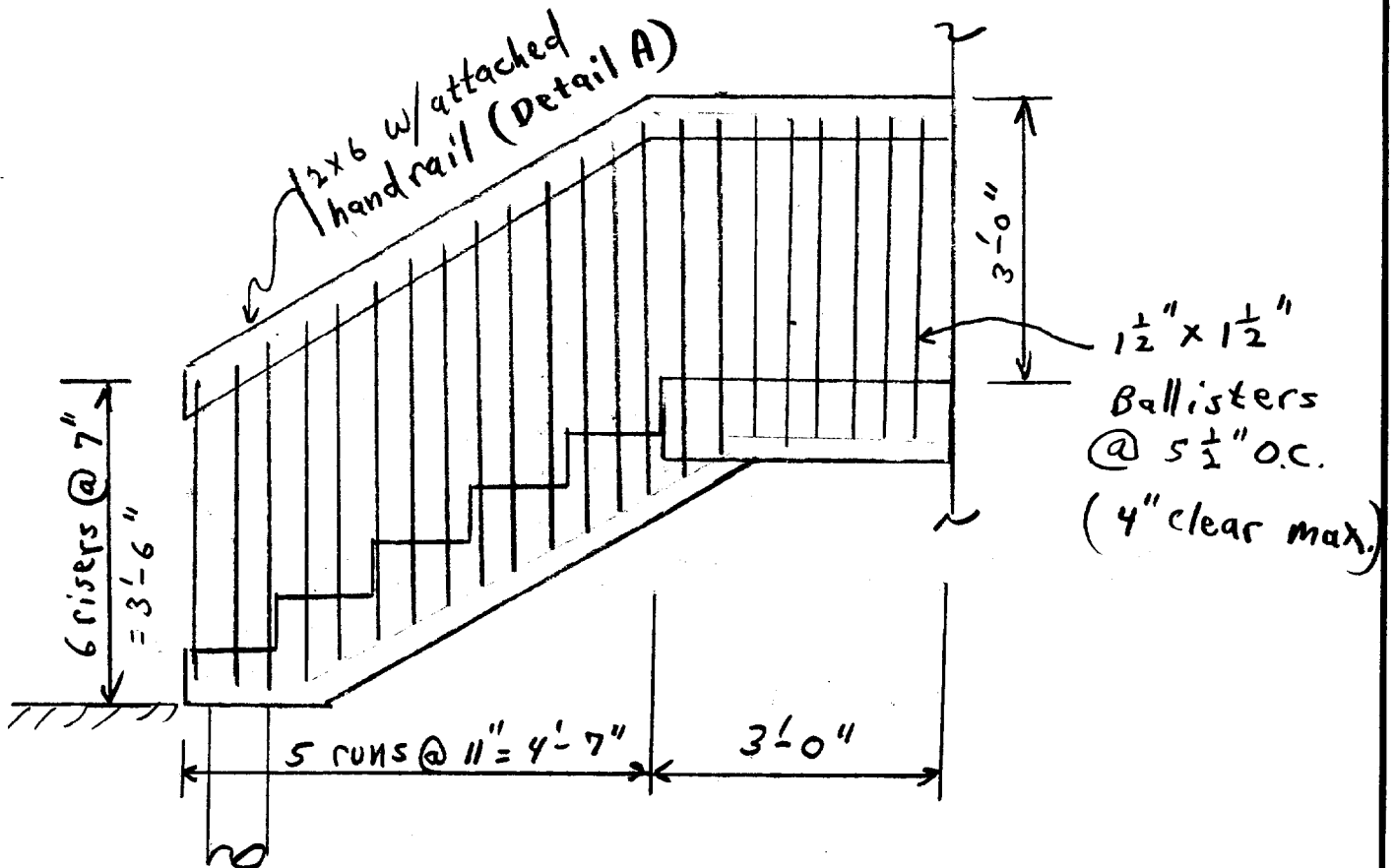
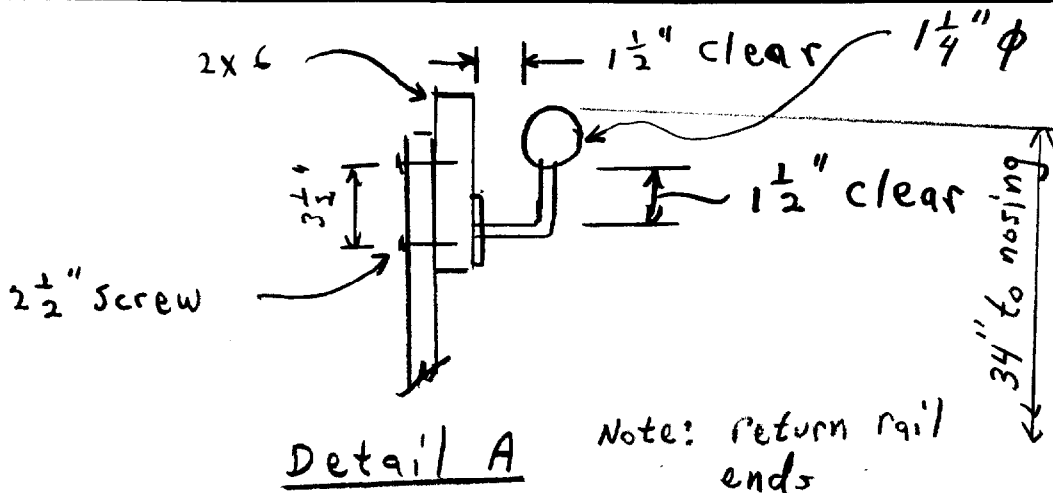
Door schedule

Patio Door is Anderson, single swing, 6'-0"x6'-8, clear pine inside, white hardware, key lock, SWH 6068 ASR.

85

32

Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/14/03			Subject:
					Calc. No.: <u>JK-17</u> Sht. ___ of ___



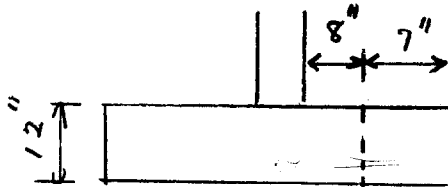
MAR 25 2003

Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP				Subject: <u>stair Details</u>
					Calc. No.: <u>SK-18</u> Sht. <u> </u> of <u> </u>

Footing Reinf for 1'-3" x 3'-0" ftg

$$d = 12'' - 3'' - \frac{1}{2}'' - \frac{1}{4}'' = 8.25'' \quad \text{Use } 8''$$

cover to $\frac{1}{2}\phi$



critical section

$$\text{soil brg. (max)} = 2 \text{ ksf}$$

$$m = \frac{1}{2} \cdot 2 \cdot (.58)^2 = 0.33 \text{ 'k}$$

$$\text{min steel} = .0033 (12) 12 = .47''$$

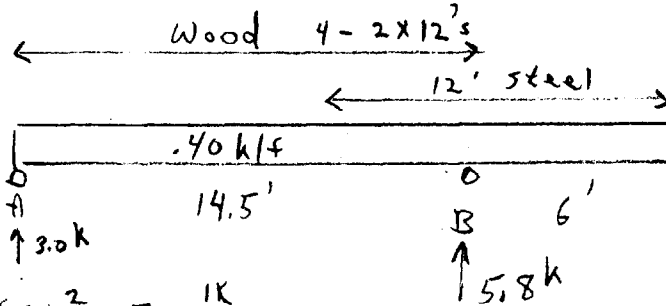
$$\text{Try } \#4 @ 12 \quad M_u = \frac{1.4 + 1.7}{2} \cdot 0.33 \text{ 'k} = .51 \text{ 'k}$$

$$R M_u = 4.5 (.4) (8 - .4) = 13.68 \text{ 'k} > .51 \text{ 'k} \quad (\text{OK})$$

Use #4 @ 12 EW

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	RP				Subject:
					Calc. No.: _____ Sht. _____ of _____



$$M_{cant} = \frac{1}{2} \cdot 0.40(6)^2 = 7.2 \text{ k}$$

$$M = \frac{1}{8} \cdot 4(14.5)^2 = 10.5 \text{ k} \quad s_{req'd} = \frac{10.5}{2} = 5.3$$

Wood

Try 4-2x12 $S = 4(31.64) = 126$
 $I = 4(98.9) = 396$

$$f_b = \frac{10.5(12)}{126} = 0.99 \text{ ksi} < 1.0 \text{ ksi OK}$$

$$d = \frac{ML^2}{161 I} = \frac{10.5(14.5)^2 \cdot 29}{161(396) \cdot 1.1} = 0.91" = \frac{l}{196} \text{ OK}$$

Steel

Use 2-MC10x6.5 $S = 2(4.42) = 8.84$ $I = 2(22.1) = 44.2$

Each Piece $6.5(12) = 78 \#$ $f_b = \frac{7.2(12)}{8.84} = 9.8 \text{ ksi} < 24 \text{ OK}$

$$d = 2.8 \frac{7.2(6)^2}{161(44)} = .10" \text{ (OK)}$$

- check Bearing $b_f = 1.13$

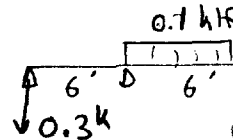
Load @ B from Channels = $12(4) = 4.8 \text{ k}$

$$\frac{4800 \#}{5.5"(2) \cdot 113} = 386 \text{ psi} < 425 \text{ psi OK}$$

- connection to Wood bm (end steel)

Use 2- $\frac{3}{4}" \phi$ Bolts

- Conn. @ Col. B $R_B = \frac{1}{6} \cdot \frac{1}{2} \cdot 4(12)^2 = 4.8 \text{ k}$



MAR 25 2003
Use 6- $\frac{3}{4}" \phi$ Bolts

B

$$\frac{5800}{2 \cdot 1.5 \cdot 5.5} = 351 < 425$$

\therefore Bear on 2-2x6

@ B Column
2x6 10' high
 $\frac{l}{d} = \frac{120}{5.5} = 22$

W5DD 211 $F_c' = 681$

2x6 cap = $681(5.5)1.5 = 5600 \#$

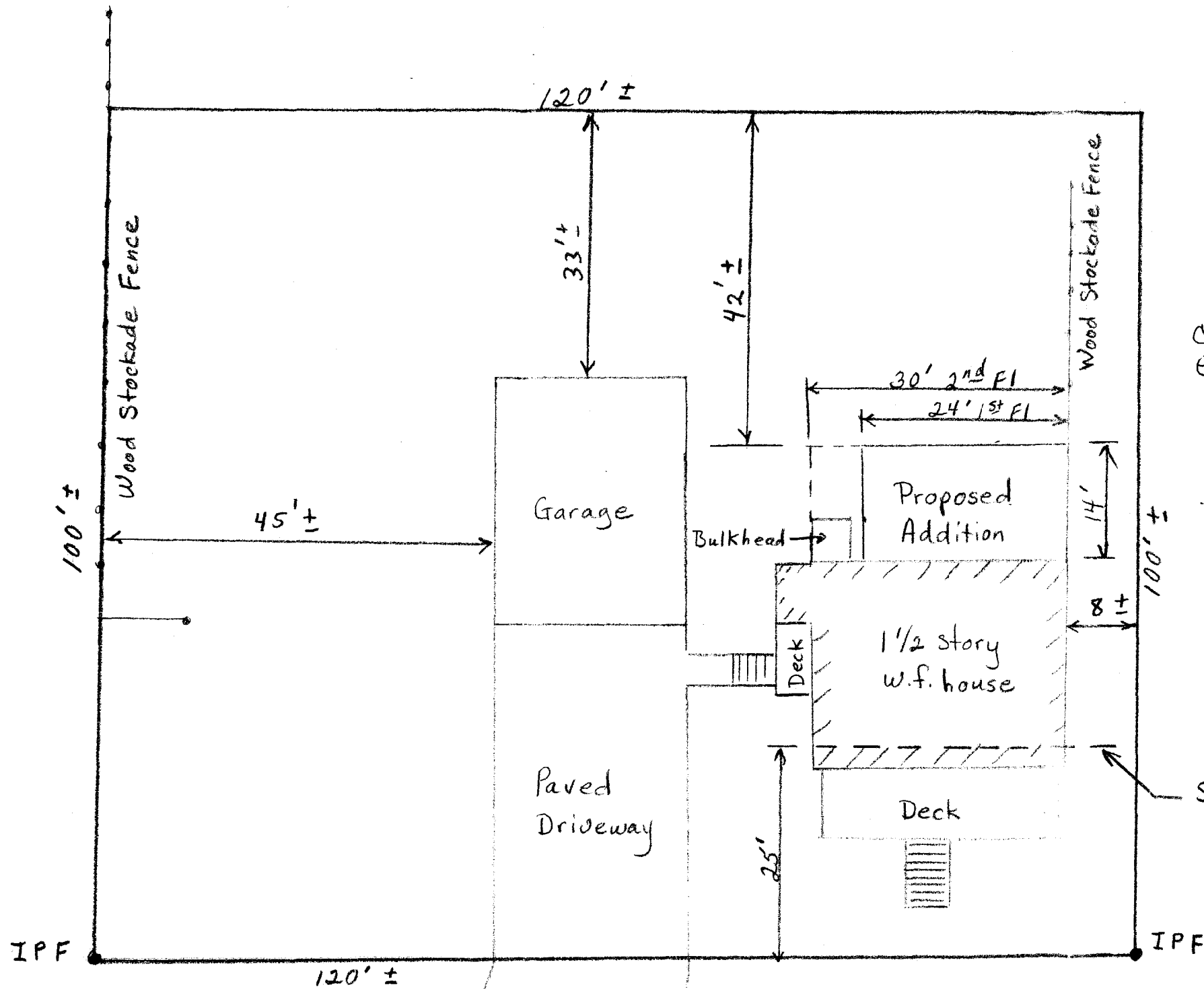
2x4 10' high

$\frac{l}{d} = \frac{120}{3.5} = 34$ $f_c' = 285$

2x4 cap = $285(1.5)3.5 = 1500 \#$

Use 4-2x4 (one to top beam)

Rev.	Orig.	Date	Chkd.	Date	Client/Project:
	RP	3/23/03			
					Subject:
					Calc. No.: $F_{c1} = 11$
					Sht. of



R3 Zone
 Front N/A
 Rear 25' Req. 42' Shown
 Side - 2 story 14' Req.
 can be reduced to 8' for
 every foot extra on the other
 side.
 8' shown -
 Based on Interior pass
 thru from existing house
 and house built pre 1988
 Side setback could go to
 5' per Sec. 14-433
 in order to keep addition
 at present location.

Setback line

					PORTLAND, MAINE		DESIGN		TITLE	
					CLIENT		DRAWN		Plot Plan 101 Murray St.	
							CHKD			
							CHIEF ENGR.			
							PROJ. ENGR.			
							PROJ. MGR.			
							SCALE		PROJ. NO.	
									DWG. NO.	
									REV.	

149325

MAKEPEACE



CITY OF PORTLAND, MAINE

Department of Building Inspections

3/24

2003

Received from

Chad Turgeon

Location of Work

101 Murray St.

Cost of Construction

\$ 35,000 -

Permit Fee

\$ 268.00

Building (IL)

Plumbing (IS)

Electrical (I2)

Site Plan (U2)

Other

CBL: 112016

Check #: 1308

Total Collected \$

268.00

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy

YELLOW - Office Copy

PINK - Permit Copy