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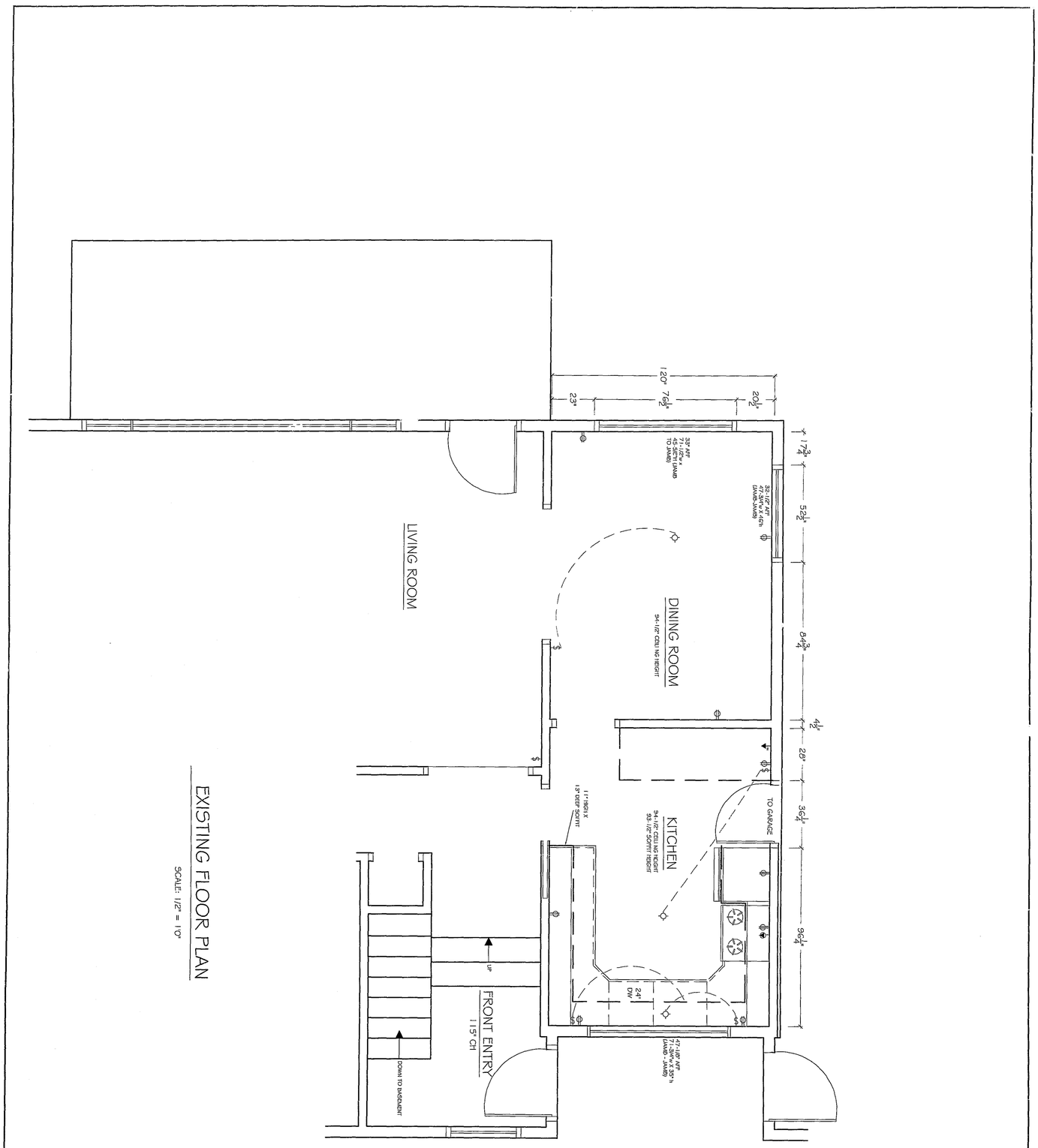
39



EXISTING FLOOR PLAN

SCALE: 1/2" = 1'0"

01-138609-RS

~~01-135920~~

Kitchen Remodel for:
Stefan Blumer & Anne Jewell
7220 SW Burlingame Ave.
Portland, Oregon 97219
Designer/Consultant: Faye Cornelison, CKD, CBD, CR
Project Manager: Suzanne Cathey, CR

1 of 5 EXISTING FLOOR PLAN

May 9, 2001

ISSUES & REVISIONS
SCHEMATIC SA
REV: 4/03/01 SA
REV: 4/09/01 SA

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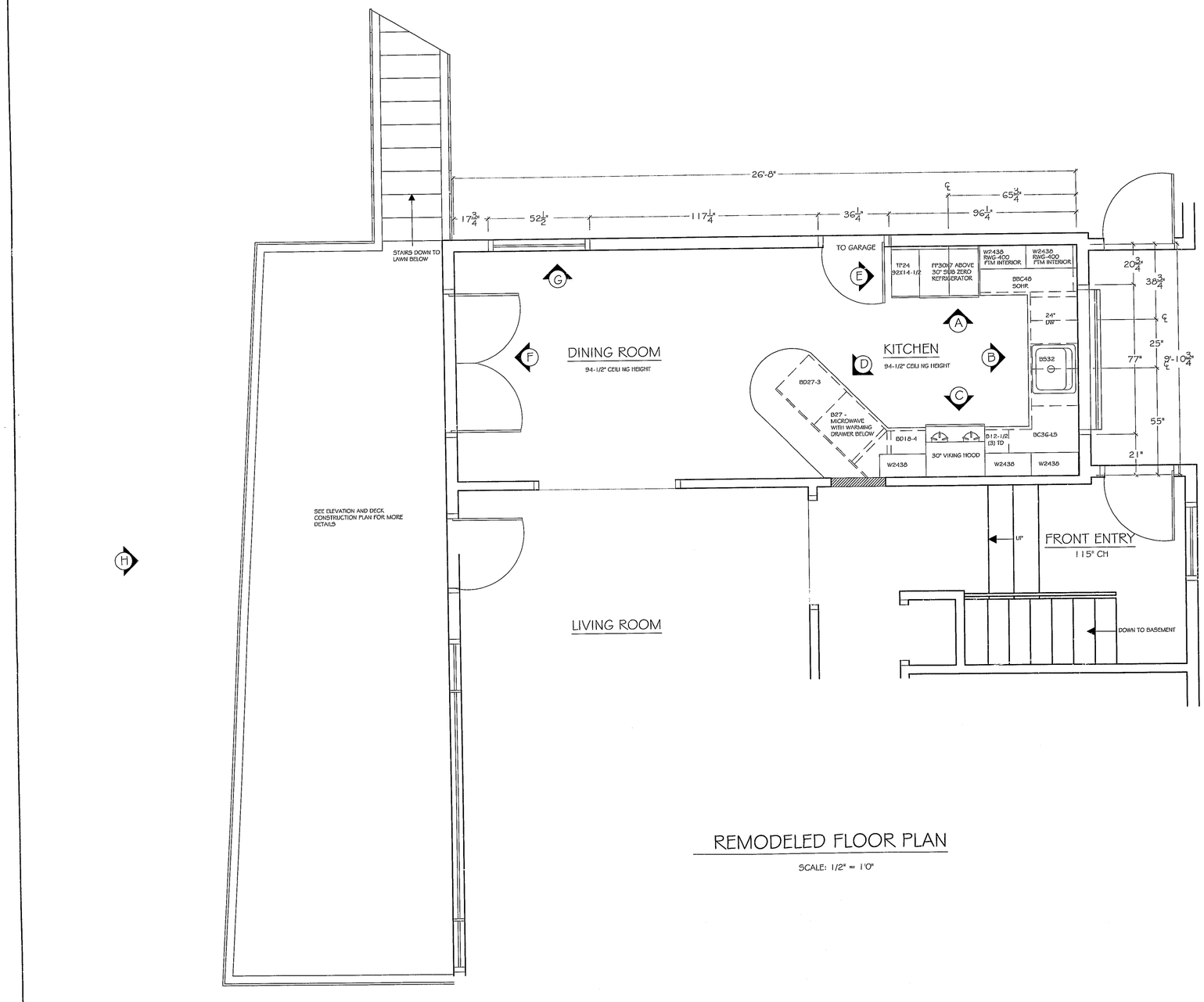
Designers / Remodelers
804 N. Alberta St. Portland 97217
(503) 288-7461
OR CCB# 001663 / WA L&I NEILKCI 18702



REMODELED FLOOR PLAN

SCALE: 1/2" = 1'0"

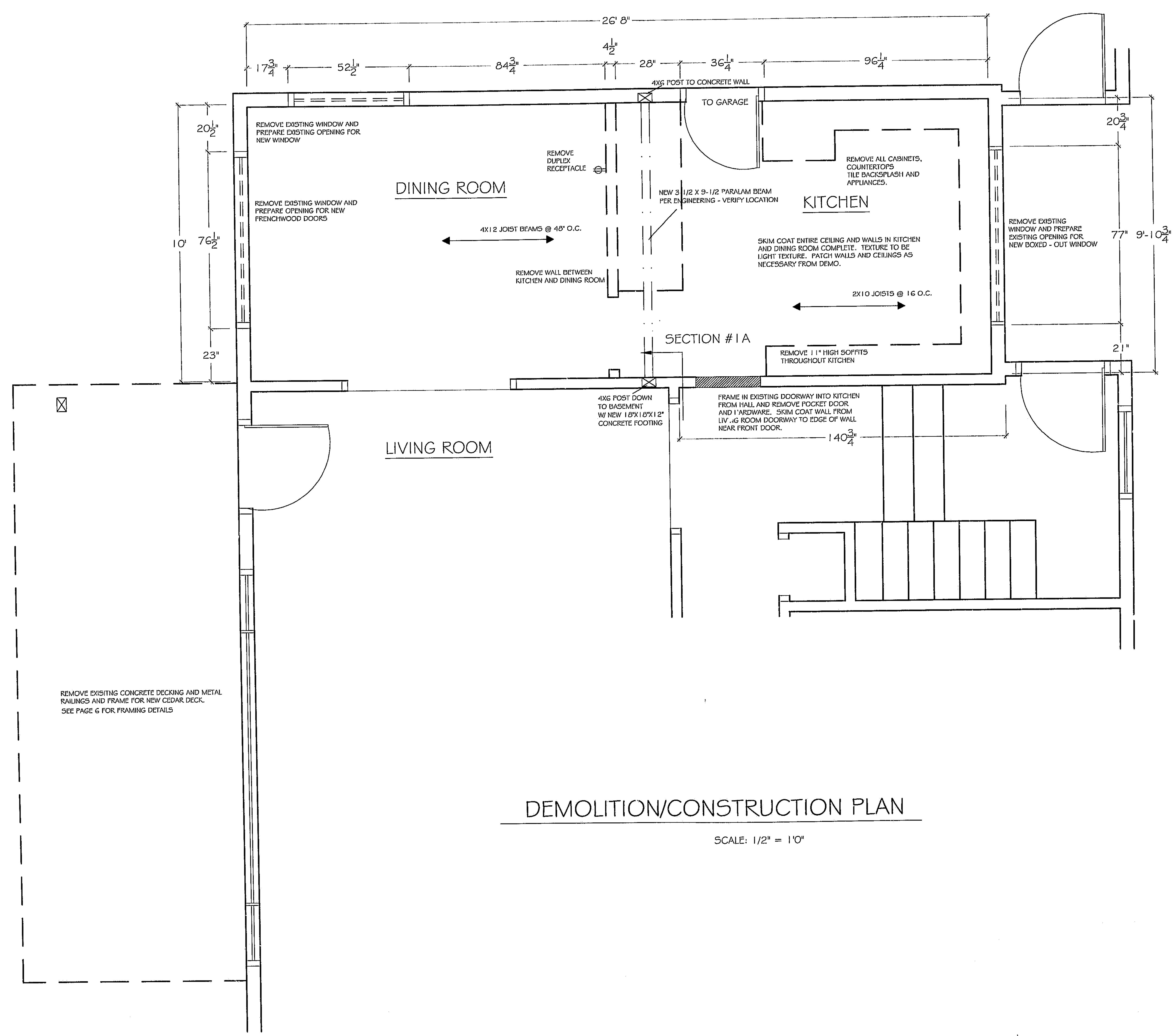
Neil Kelly
Designers / Remodelers
804 N. Alberta St. Portland 97217
(503) 288-7461
OR CCB# 051663 A LEED® ACCREDITED

ISSUES & REVISIONS
3/21/01 SA
REV: 4/03/01 SA
REV: 4/09/01 SA
REV: 4/24/01 SA
REV: 4/30/01 SA
REV: 5/8/01 SA

Kitchen Remodel for:
Stefan Blumer & Anne Jewell
7220 SW Burlingame Ave.
Portland, Oregon 97219
Designer/Consultant: Faye Cornelison, CKD, CBD, CR
Project Manager: Suzanne Cathey, CR

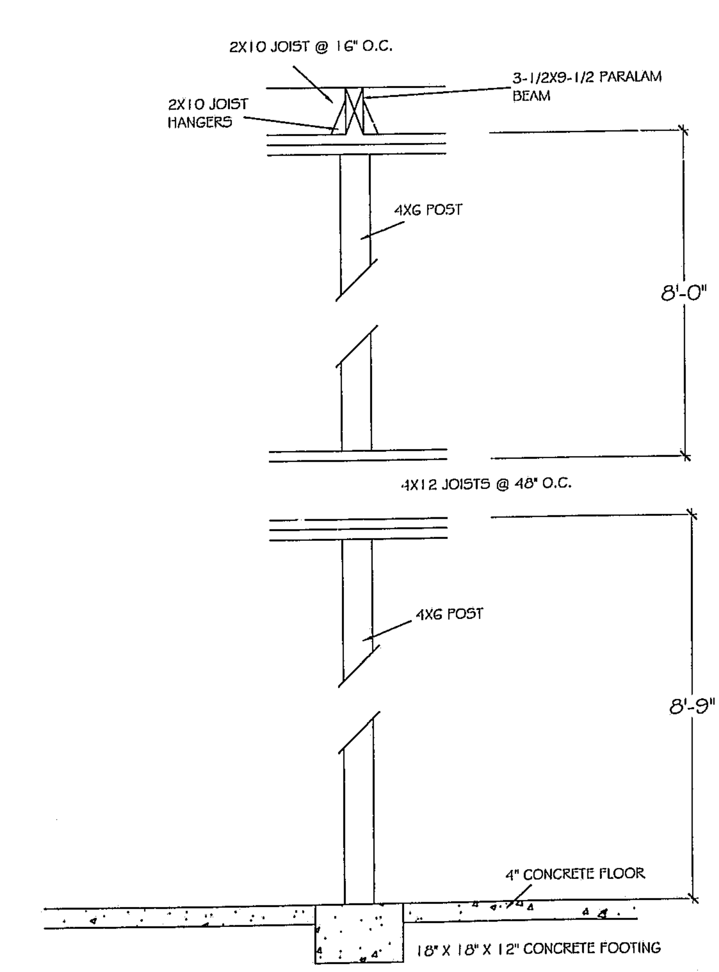
2 of 5 REMODELED FLOOR PLAN

May 8, 2001



DEMOLITION/CONSTRUCTION PLAN

SCALE: 1/2" = 1'0"



SECTION DETAIL #1A

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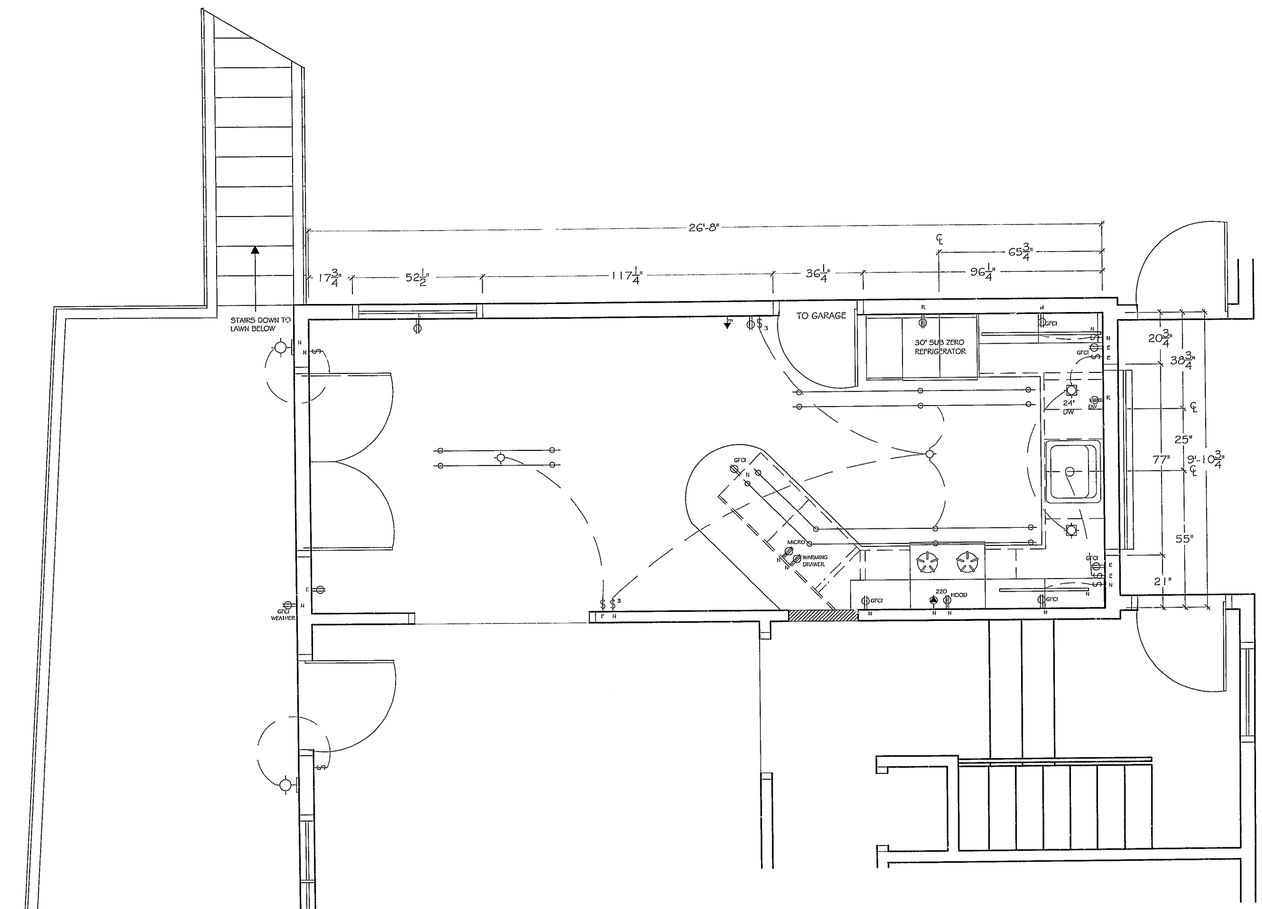
OR CCB# 001663 / WA L&I NEILKCI 18702

ISSUES & REVISIONS
3/21/01 SA
REV: 4/03/01 SA
REV: 4/10/01 SA
REV: 4/30/01 SA
REV: 5/2/01 SA
REV: 5/8/01 SA

Kitchen Remodel for:
Stefan Blumer & Anne Jewell
7220 SW Burlingame Ave.
Portland, Oregon 97219
Designer/Consultant: Faye Cornelson, CKD, CBD, CR
Project Manager: Suzanne Cathey, CR

May 8, 2001



ELECTRICAL FLOOR PLAN

SCALE: 1/2" = 1'0"

ELECTRICAL LEGEND

- DEDICATED CIRCUIT RECEPTACLES FOR DW, MICRO, WARMING DRAWER, GARBAGE DISPOSAL
- GROUND FAULT PROTECTED DUPLEX RECEPTACLES - EXTERIOR TO ALSO BE WATERPROOF
- SINGLE POLE SWITCHES - 3 DENOTES A THREE-WAY SWITCH
- CEILING LIGHT OUTLET
- TELEPHONE JACK
- DUAL FUEL RANGE OUTLET
- RECESSED LIGHTS - FIXTURES TO BE HALO H7ICT W/ ALZAK 4126 TRIM
- CABLE LIGHTING - PROVIDED BY OWNER, INSTALLED BY NKC CONTRACTOR
- UNDERCABINET LIGHTS - FIXTURES TO BE HALOGEN CSL-CA-120-18
- WALL MOUNTED LIGHT OUTLET - DECORATIVE FIXTURE BY OWNER

NOTE:
E DENOTES EXISTING ELECTRICAL DEVICES TO STAY, N DENOTES NEW ELECTRICAL DEVICES AND R DENOTES RELOCATED ELECTRICAL DEVICES.

Neil Kelly
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804 N. Alberta St. Portland 97217
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CCB# 691463 / WA LIC# NEILKKI 187R2

ISSUES & REVISIONS
3/21/01 SA
REV: 4/03/01 SA
REV: 4/09/01 SA
REV: 4/24/01 SA
REV: 4/30/01 SA
REV: 5/2/01 SA
REV: 5/8/01 SA

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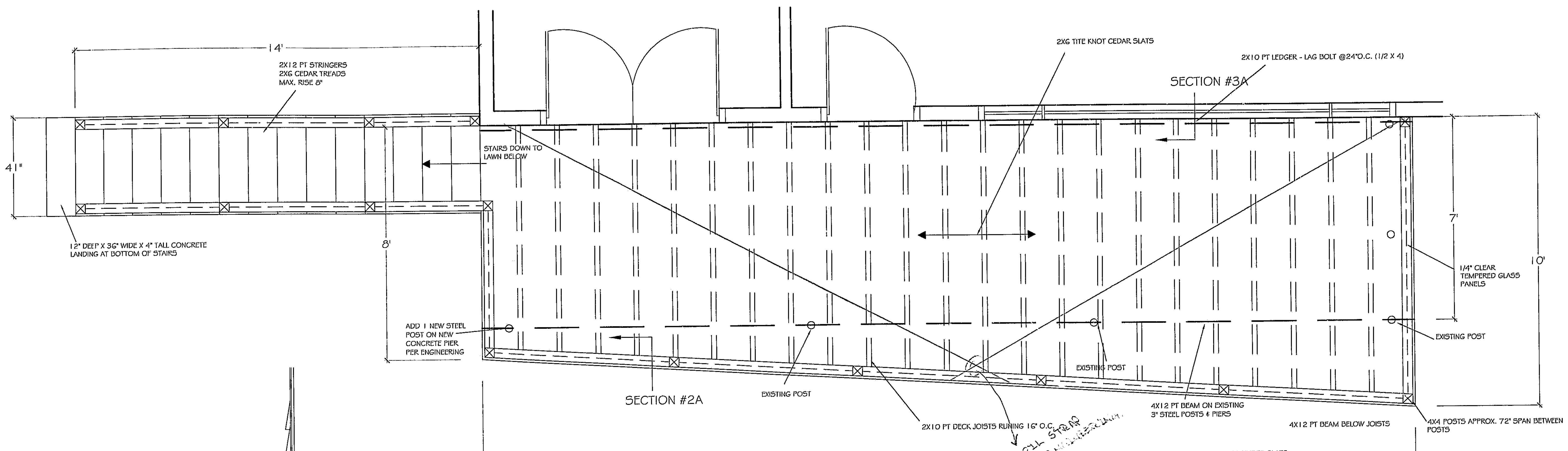
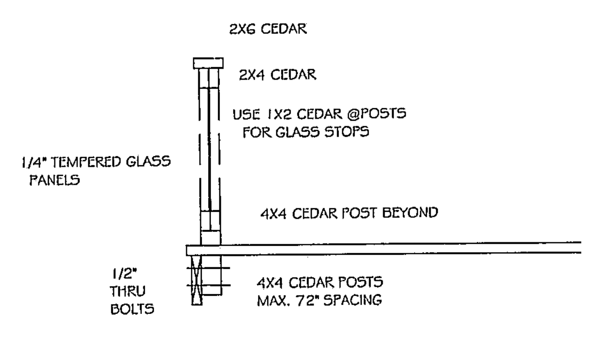
4 of 5 ELECTRICAL FLOOR PLAN

May 8, 2001

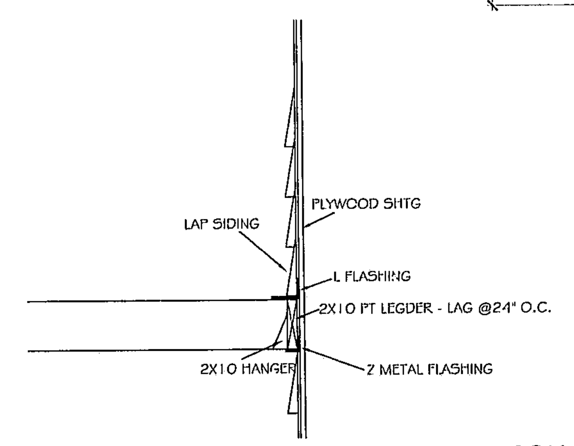


DECK FRAMING PLAN



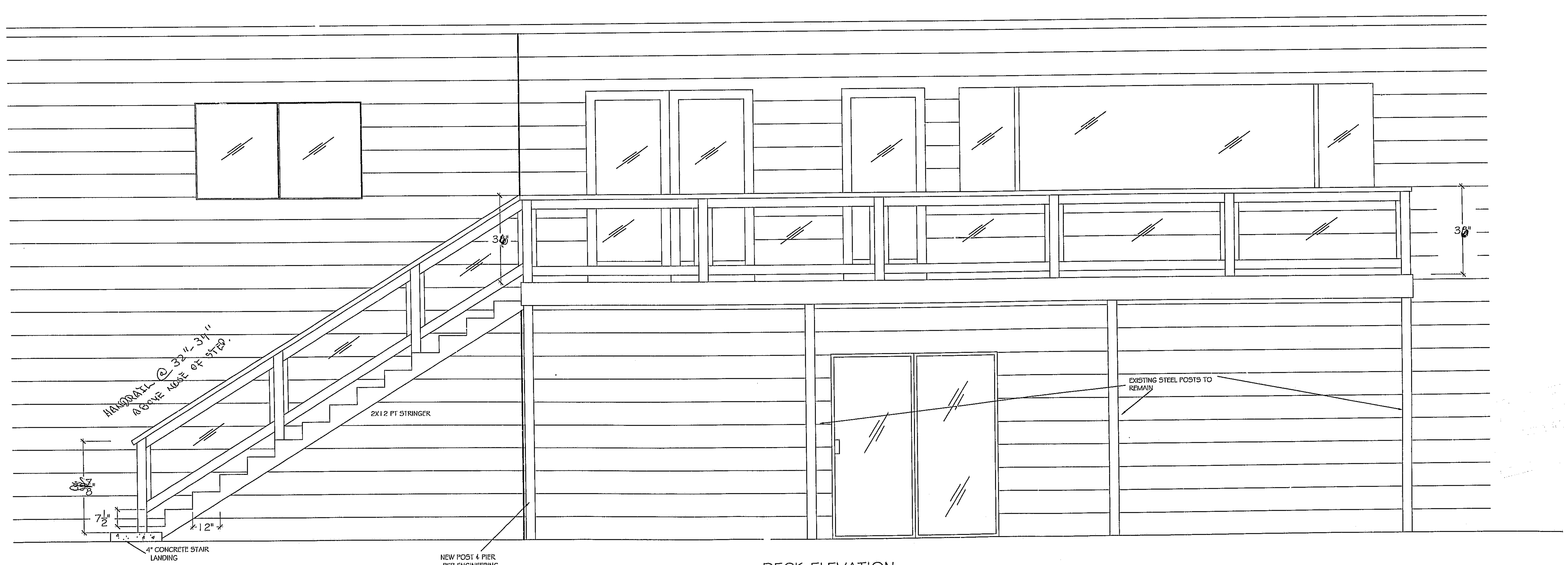
SECTION #2A - DETAIL OF DECK RAILING

SCALE: 1/2" = 1'0"



SECTION #3A - DETAIL OF DECK ATTACHMENT

SCALE: 1/2" = 1'0"



DECK ELEVATION

SCALE: 1/2" = 1'0"

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Designers / Remodelers
804 N. Alberta St. Portland 97217
(503) 288-7461

ISSUES & REVISIONS
4/30/01 SA
REV: 5/2/01 SA
REV: 5/8/01 SA

Kitchen Remodel for:
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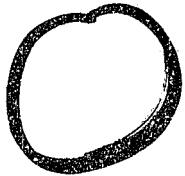
Project Manager: Suzanne Cathey, CR

5 of 5
EXTERIOR DECK PLAN & ELEVATIONS

May 8, 2001

39

RS.01.138609



MAY 1 1 2001
MICROFILMED

39

CITY OF

PORTLAND, OREGON

OFFICE OF PLANNING AND DEVELOPMENT REVIEW
1900 SW 4th Ave, Suite 5000
Portland, OR 97201

MULTNOMAH COUNTY

RESIDENTIAL 1 & 2 FAMILY PERMIT

01-138609-000-00-RS

Site Address: 7220 SW BURLINGAME AVE
7220 SW BURLINGAME

Issued: 5/10/01

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	Addition	R3	V-N

Project Description: REMODEL INTERIOR AND REBUILD AND ENLARGE DECK

APPLICANT	NEIL KELLY REMODELING	Phone	(503) 335-9210
OWNER	ANNE M JEWELL	Phone	
CONTRACTOR	NEIL KELLY REMODELING	Phone	

Project Details		Project Details	
# of Fixtures	4	1st Brnch circuit w/o svc or fdr	1
Code Edition (Year)	2000	Each additional branch circuit	7
Hoods, Type I/II/Res Kitchen/Hazmat	1	Number of Stories	2
Water District	Portland Water Bureau	Zoning Enforcement Agency	Portland

PAID
MAY [illegible] 2001
CITY OF PORTLAND

BEFORE YOU DIG	ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344).

CITY CONTACT — Phone:
E-Mail: — Fax: (503) 823-4172

INSPECTION REQUEST PHONE NUMBERS

Building/Trade Inspections - Call Before 8:00 AM: (503) 823-7000

TDD: (503) 823-6868

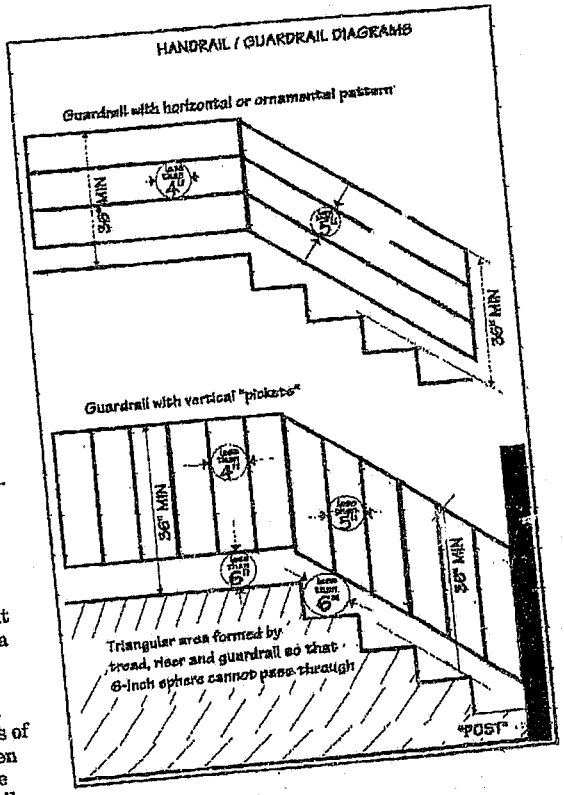
IVR Inspection Request Number: 2101122

GUARDRAILS

- A guardrail is required to prevent someone falling from a balcony, deck, landing, etc. that is more than 30 inches above the floor or ground below. Guardrails must be at least 36 inches high, except that they may be 34 inches (measured straight up from the nosings) at the open sides of stairways.

- Guardrails on stairs must have some kind of a pattern, so that a 5-inch sphere can't pass through. However, all guardrails along raised floors, porches, decks and balconies must have intermediate rails or ornamental closures that do not allow passage of a 4-inch sphere.

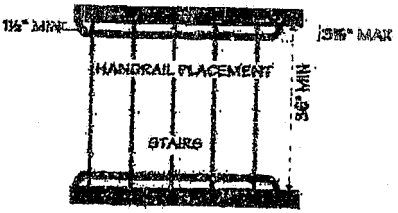
- At the bottom edge of a guardrail along a series of steps, the space between the tread, riser and the guardrail must be small enough to prevent a 6-inch sphere from getting through.



HANDRAILS

- Any new stairway must have a handrail if the stairway has more than 3 risers.

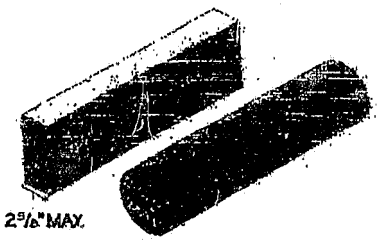
- Handrails may project over stairs by 3½ inches maximum on each side of the stairway, if the stairs are 36 inches wide. If the stairs are more than 36 inches wide, the handrails may project more than 3½ inches.



- Handrails must be continuous for the full length of the stairs. They must turn back into the wall or butt into a post so that purse straps and clothing won't get caught behind them and cause a fall.

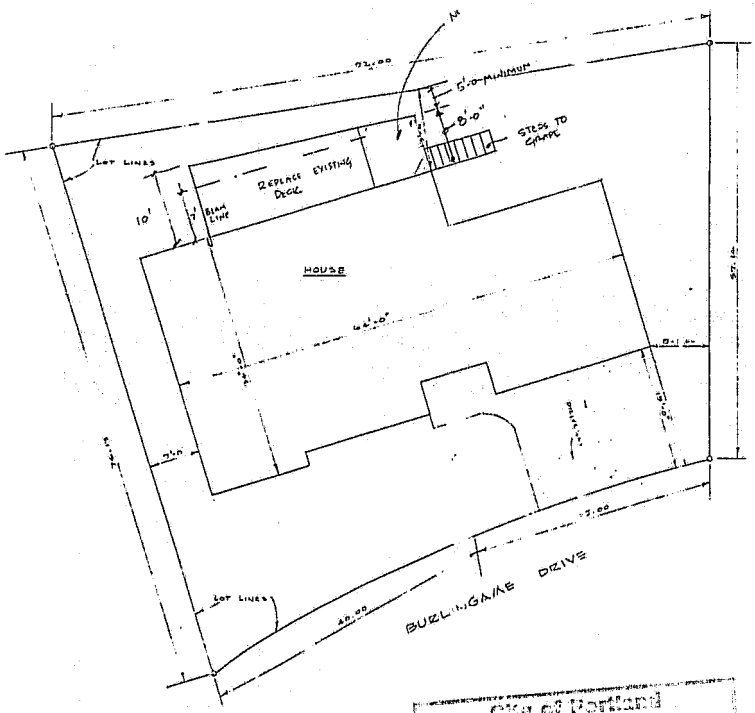
- If your handrails are attached to the wall, the space between the wall and the rail must be at least 1½ inches so that, once again, nothing can get caught.

- Handrails on the open side of a stairway must meet guardrail requirements.



- The height of handrails is measured straight up from the nosing of the treads to the top of the handrail. A handrail along a wall must be between 30 inches and 38 inches high. A handrail along the open side of a stairway must be at least 34 inches high.

- Your handrail must have a diameter of 2⅜ inches or smaller, so that it can be easily and securely gripped. It should also be smooth, with no sharp edges. A two-by-four or two-by-six may be used for a handrail if the 2-inch side points up and down.



LEGAL DE

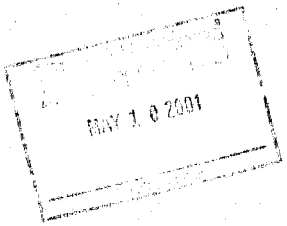
N. 1/2 OF LOTS
BURLINGAME

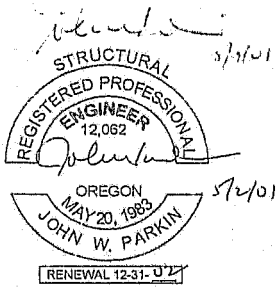
JEWEL RESIDENCE

Neil Kelly Remodeling

REMODELING ITEMS

JP	02-May-01	9602





pp. 9602-1 Through 9602-4
pp. 9602-D1 Only.

JOHN W. PARKIN
CONSULTING CIVIL AND STRUCTURAL ENGINEER

JOHN W. PARKIN
CONSULTING CIVIL AND STRUCTURAL ENGINEER

500 WASHINGTON ST.
VANCOUVER, WA 98660

(360) 694-8378
FAX (360) 694-8376

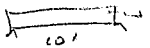
9602 - 1

TENER RESIDENCE | 5/2/01

1. BEAM OVER KITCHEN CABINETS

$W = \left(\frac{15}{25}\right) \times \frac{22}{2} = \begin{pmatrix} 203 \\ 338 \end{pmatrix}$

541 PLF



$5\frac{1}{8} \times 13\frac{1}{2}$ GL ⇒ 1377 PLF OK

4x 12 DF No.1 ⇒ 672 PLF OK

$3\frac{1}{2} \times 9\frac{1}{2}$ PL ⇒ 1070 PLF OK.

EITHER OF THE BEAMS IS SUFFICIENT ACTING BY ITSELF.

THE QUESTION IS ON WHICH BEAM ARE THE ROOF JOISTS BROKEN?

REACTION ON WALL:

$R = 541 \times 10\frac{1}{2} = 2705$ LBS.

BEAM IN KITCHEN ROOF

4X12 DF No.1

$M_{max} = \left(52 \times 4 \times (17)^2/8 + 2705 \times \frac{4 \times 13}{17}\right) \times 12$

$= 90168 + 99284 = 189457$ IN.

$f = \frac{189457}{73.8} = 2566$ psi

700 HIGH!

∴ ADD DOUBLE STUD UNDER

FOOTING: $18" \times 18" \times 12"$

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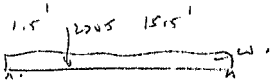
9602-2

IF 4X12 IS STRUCTURAL



W = 52 x 4

P = 2705

$M = \left(52 \times 4 \times \left(17\frac{5}{8}\right) + 2705 \times \frac{1.5 \times 15.5}{17}\right) \times 12$

$= 90162 + 44393 = 134562$

$f_b = 1823$ GIVES TOO HIGH FOR #1

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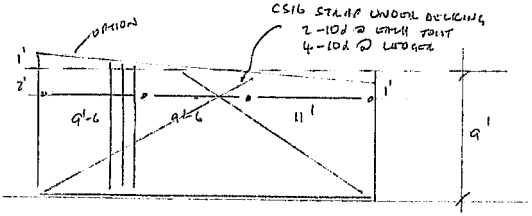
9602-3.

Rev 5/7/01.

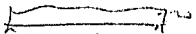
2. DECK FRAMING:



JOISTS: 2x8 DF N.2 @ 16" O.C. (P.T)

LOAD = 69 PLF
CAPACITY = 215 PLF } O.K.

BOTTOM



$W = \left(\frac{12}{40}\right) \times \left(\frac{9.5}{2.67}\right) = \left(\frac{69}{230}\right)$

299.

4x10 DF N.2 ⇒ 248.
4x12 DF N.2 ⇒ 342
6x10 DF N.2 ⇒ 348 O.K.

FOOTINGS:

EXISTING 20" x 20"

$P = 2.99 \times \frac{9.5+11}{2} = 3065$ lb

$f_{sg} = \frac{3065}{1.67 \times 1.67} = 1098$ PSF O.K.

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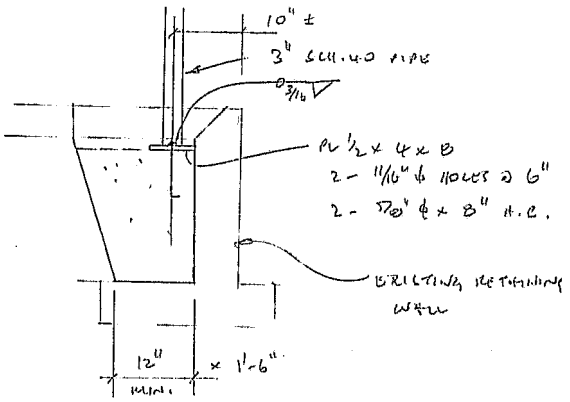
9802-4

NEW FOOTING

P = 2gg - 11/L = 1644 lb

18" x 18" MIN

$f_m = \frac{1644}{11.5^{sf}} = 730$ psf OK.



LOADING:

LOAD/FT = 52 x 7/L = 182 lb

TIED 6" TO EXISTING RIM.

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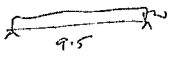
9602-5

5/7/01

9'-6' SPAN BEAM WITH 3' CANTILEVERING DECK



$W = \left(\frac{12}{40}\right) \times \frac{(10)^2}{2 \times 7} = \left(\frac{86}{284}\right)$

372 #/ft.

USE 6 x 12 DFR.2 ⇒ 473 #/ft ON 10' SPAN

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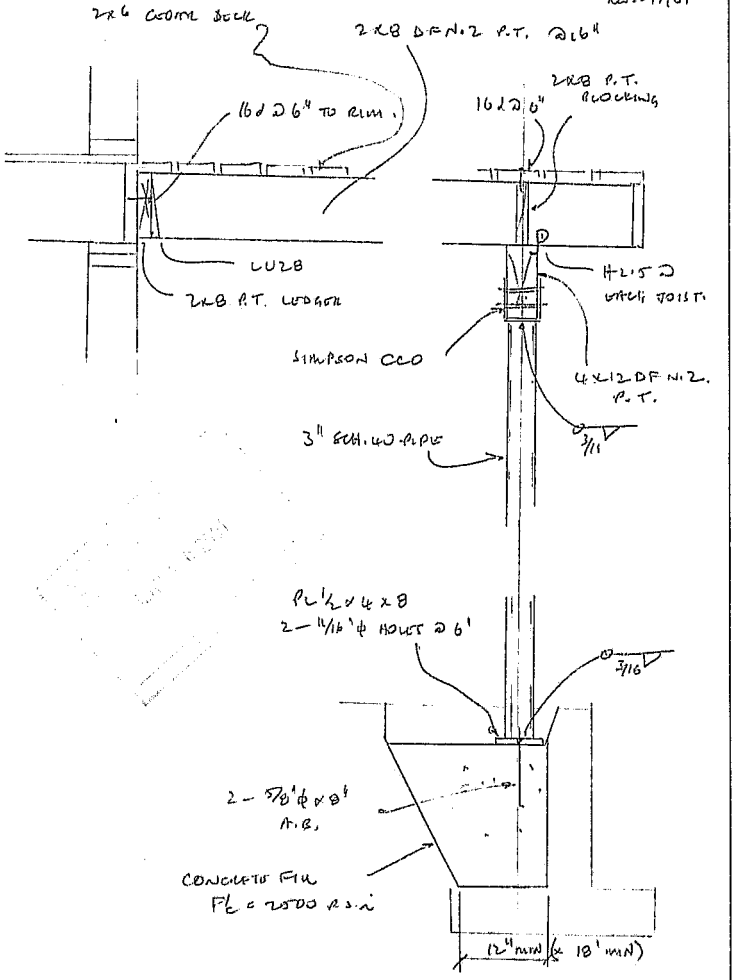
Rev. 5/7/01



http://www.johnwparkin.com

e-mail: name@johnwparkin.com