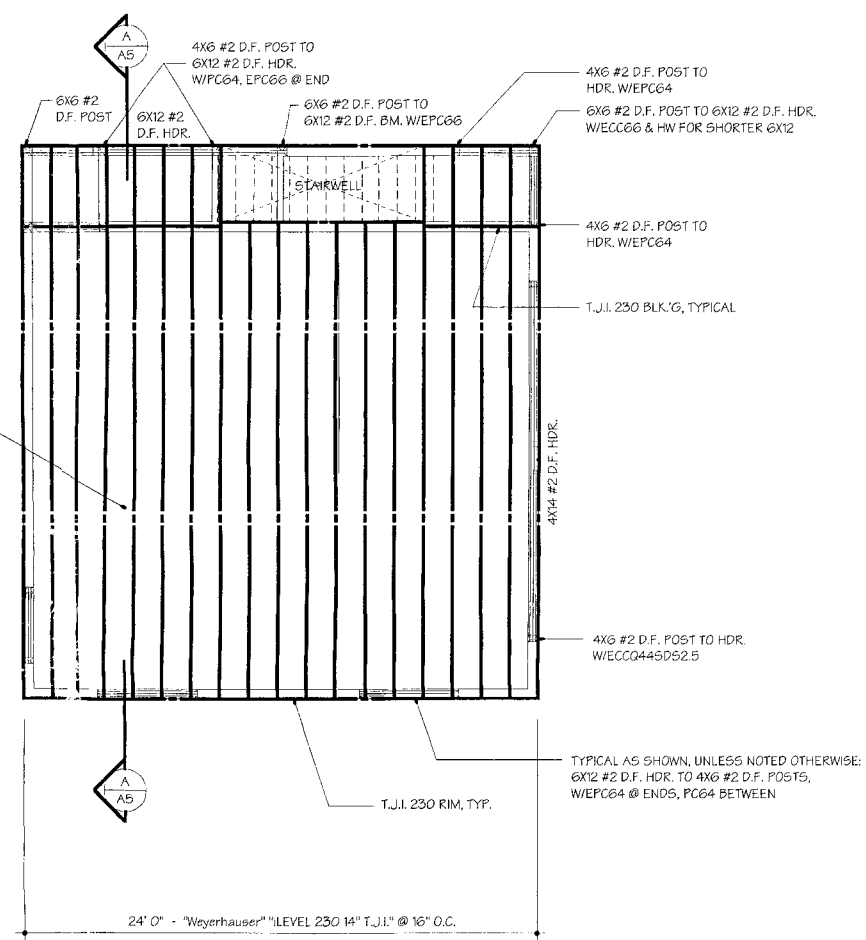


These drawings were prepared  
by me or under my supervision.

*William W. Zoller*

William W. Zoller,  
Architect - Ca.Lic.#C17830

Humboldt Association of Realtors  
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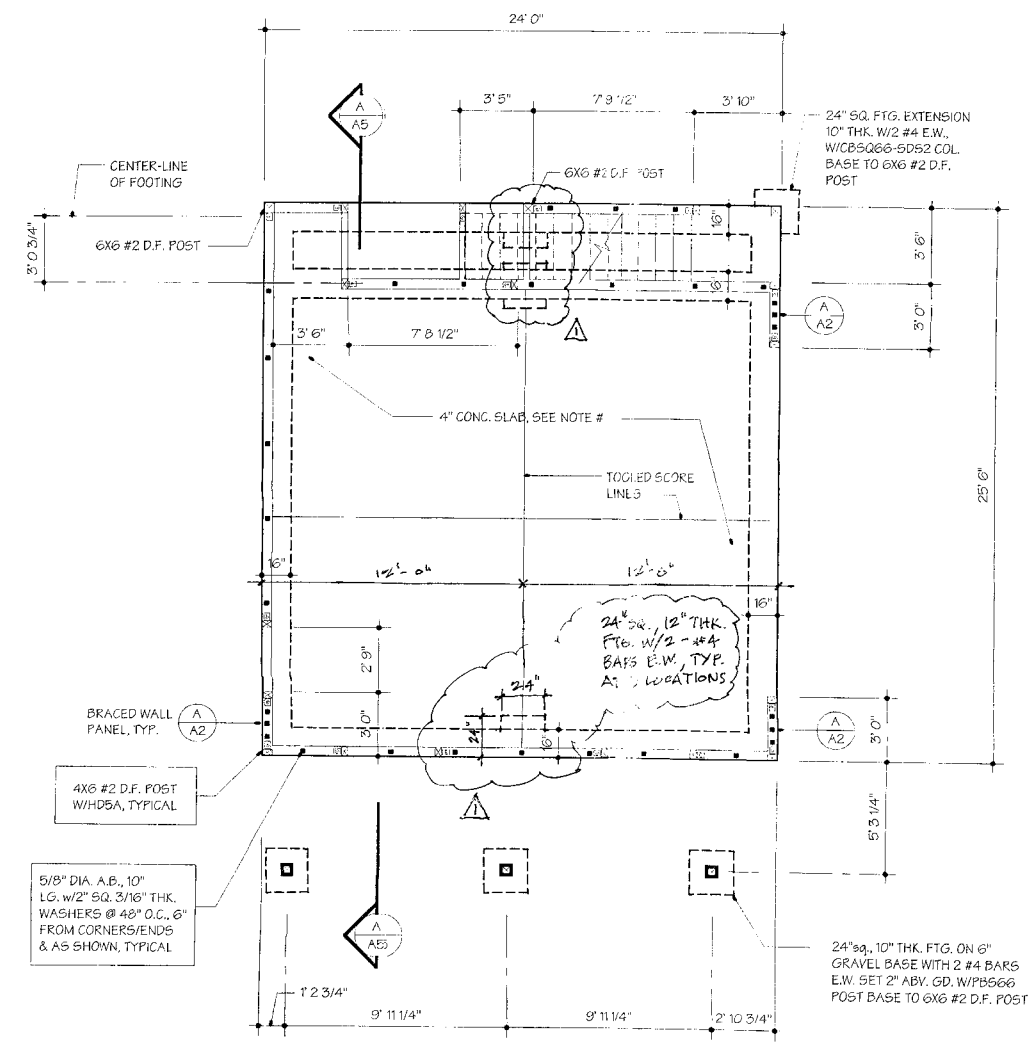
**FLOOR SHEATHING:**  
FLOOR SHEATHING SHALL BE 3/4" 48/24  
CDX PLYWOOD GLUED AND NAILED TO T.J.I.'S  
PER THE T.J.I. MANUFACTURER'S SPECS.

## Upper Floor Framing Plan

1/4" = 1'-0"

NOTES:

1. INSTALL ALL "Weyerhaeuser" "LEVEL T.J.I." PER THE MANUFACTURERS SPECIFICATIONS AND REQUIREMENTS.
2. ALIHEADERS ARE 6X12 #2 D.F. AND ANY OTHER FRAMING LUMBER IS ALSO #2 D.F.



## Foundation Plan

1/4" = 1'-0"

NOTES:

1. 4" CONC. SLAB W/ #3 BARS @ 16" O.C., E.W. OVER 2" SAND OR 1" G MIL VAPOR BARRIER OVER 4" GRAVEL BASE. CONCRETE SHALL ATTAIN 2500 P.S.I. AT 28 DAYS. RE-BARS SHALL CONFORM TO ASTM 615 GRADE 40.
2. SEE GENERAL NOTES, SHEET A2.
3. ALL HOLD-DOWNS, ETC. ARE "SIMPSON STRONG-TIE" AND SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.

APPROVED  
HUMBOLDT COUNTY  
BUILDING INSPECTION DEPARTMENT  
APR 27 2007  
BY *[Signature]*

**A1**  
of: 8 Plan #2

75575

# Window Schedule:

GROUND FLR.

NOTE: ALL WINDOWS ARE "MILGARD" 5000 SERIES WHITE VINYL, DUAL PANE WITH GRIDS AS SHOWN ON THE EXTERIOR ELEVATIONS. SIZES SHOWN ARE NOMINAL. VERIFY QUANTITY & ROUGH OPENINGS REQ'D PRIOR TO ORDERING AND FRAMING.

Width/Height & Type	Quantity
1 4050 FIXED GLASS	6
2 4014 AWNING	7
3 6014 FIXED GLASS	3
4 40 wide FIXED GLASS (see ext. elev.)	1
5 2614 FIXED GLASS	2
6 2650 FIXED GLASS	1
7 3036 SINGLE HUNG	2
8 3620 SLIDER W/OBSCURE GLASS	1
9 2636 SINGLE HUNG	1
10 4026 SLIDER	2
11 3014 FIXED GLASS	1

# Door Schedule:

GRND. & UPPER FLRS.

NOTE: ALL GLASS DOORS ARE TEMPERED, DUAL PANE WITH GRIDS AS SHOWN ON THE EXTERIOR ELEVATIONS. SIZES INDICATED ARE NOMINAL. VERIFY QUANTITY & ROUGH OPENINGS REQ'D PRIOR TO ORDERING AND FRAMING. ONE INCH OF SHIM SPACE HAS BEEN PROVIDED AT DIMENSIONED OPENINGS.

Size	Type	Qty.
A 2670	1 3/4" WD. FRENCH, OUT-SWING	1
B 2870	1 3/4" WD. FRENCH, IN-SWING	1
C 6070	"MILGARD" 5000 SERIES VINYL SLIDING GLASS DR., WHITE	1
D 2870	1 3/4" METAL, OUT-SWING PRIME AND PAINT	1
E 5070	DBL. FLUSH DOOR W/SIDING AND 2X4 FRMG. W/5/8" TYP. X INSIDE	1
F 2870	FLUSH DOOR W/SIDING AND 2X4 FRMG. W/5/8" TYP. X INSIDE	1
G 16W 7H	5 PNL. 1 3/4" INSUL. MET. GAR. DR., SMOOTH FIN., WHITE, W/WINDOWS, SEE EXT. ELEV.	1
H 2870	1 3/8" 1 HR. RATED W/SELF-CLOSER	1
J 5070	1 3/8" FULL LVR. WD. BI-PASS	3
K 2670	1 3/8" WD. SC	6
L 2870	1 3/8" WD. SC	1
M 3070	1 3/8" FULL LVR. WD. BI-FOLD	1
N 3070	1 3/4" SC FLUSH DR. OUT-SWING	1
O 4670	DBL. 1 3/8" FULL LVR. WD. BI-FOLD	1
P 6070	1 3/8" FULL LVR. WD. BI-PASS	2
Q 2170 VERIFY	DBL. 1 3/8" FULL LVR. WD. BI-FOLD	1
R 2668	1 3/4" MET., SEE NOTE #4	1
S 3068	1 3/4" WD. SC	1
T 6868	1 3/8" FULL LVR. WD. BI-PASS	1
U 2268	1 3/8" WD. SC	1
V 2068	1 3/8" FULL LVR. WD. BI-FOLD DBL. FULL LVR. WD. BI-FOLD	1
W 2668	1 3/4" WD. FRENCH OUT-SWING	1

# General Notes:

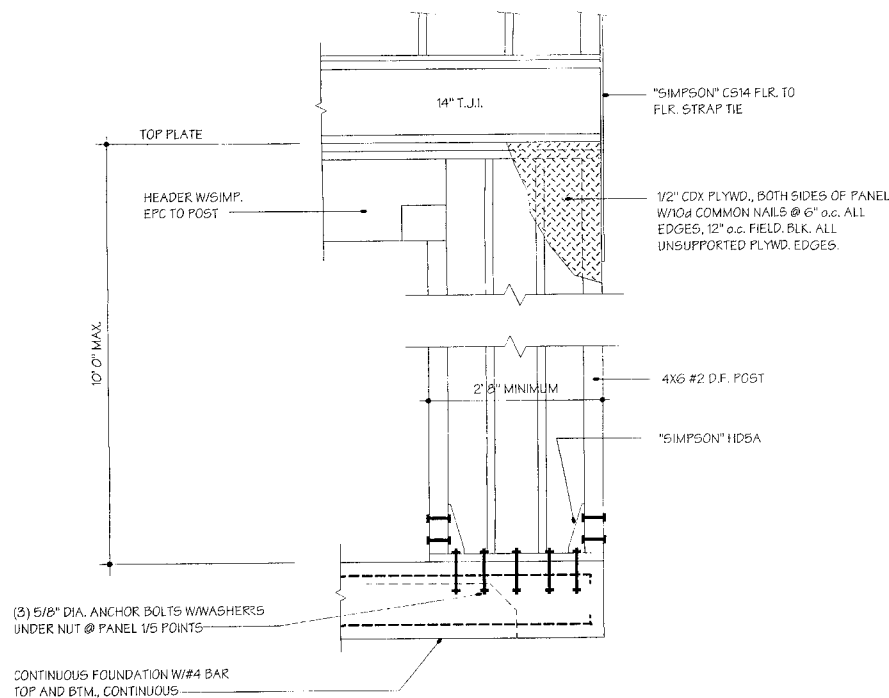
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED. DO NOT SCALE THE PLANS. VERIFY THE DIMENSIONS IN THE FIELD AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BEGINNING THE WORK.
- THE OWNER/CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THESE DOCUMENTS AND SHALL BRING ANY ERRORS, OMISSIONS OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION AND AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL MATERIALS, FIXTURES, MANUFACTURED ITEMS, ETC. PER THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND FOR OBTAINING THIS INFORMATION.
- ALL WORKMANSHIP SHALL CONFORM TO THE HIGHEST STANDARDS OF THE CONSTRUCTION INDUSTRY AND SHALL BE PROVIDED COMPLETE WITH THE FULL WARRANTY REQUIRED BY LAW.
- THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE QUALITY OF WORK AND MATERIALS, METHODS OF CONSTRUCTION, SAFETY MEASURES OR FOR COMPLIANCE BY THE BUILDER(S) WITH ALL APPLICABLE BUILDING CODES DURING THE CONSTRUCTION OF THIS PROJECT.
- NOTHING IN THESE DRAWINGS SHALL BE CONSTRUED TO LIMIT THE WORK OF THE GENERAL CONTRACTOR OR ANY SUBCONTRACTOR.
- CONSTRUCTION OF THIS PROJECT IS A TEAM EFFORT BETWEEN THE ARCHITECT, CONTRACTOR, OWNER(S) & BUILDING INSPECTOR.
- ALL WORK SHALL CONFORM WITH THE CURRENT CODE IN EFFECT IN HUMBOLDT COUNTY, CALIF. OR CITY THEREIN, AND IT SHALL BE THE RESPONSIBILITY OF THE BUILDER TO INSURE COMPLIANCE WITH THE SAME.
- THE BUILDER SHALL APPLY ALL DETAILS OR NOTES AS BEING TYPICAL TO EVERY LIKE OR SIMILAR CONDITION REGARDLESS OF WHETHER OR NOT THE REFERENCE IS MADE. CONDITIONS NOT DETAILED SHALL BE CONSTRUCTED IN A MANNER COMPATIBLE WITH AND SIMILAR TO OTHER DETAILS SHOWN.
- THE BUILDER IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, INCLUDING SAFETY MEASURES.
- VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCING THE WORK.
- CONCRETE SHALL ATTAIN 2500 P.S.I. @ 28 DAYS. RE-BAR SHALL CONFORM TO ASTM 615 GRADE 40.
- ALL LUMBER SHALL BE #2 D.F. OR BETTER. HORIZONTAL FRAMING SHALL CONFORM TO PD 1250 MIN.
- ALL PLUMBING, MECHANICAL AND ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR AND UNLESS IT IS SPECIFICALLY PROVIDED FOR IN THESE DRAWINGS, THESE CONTRACTORS SHALL BE RESPONSIBLE FOR SYSTEM DESIGN AND CALCULATIONS TO SATISFY THE REQUIREMENTS OF THE HUMBOLDT COUNTY BLDG. DEPARTMENT (HUMBOLDT COUNTY BLDG. DIVISION)
- PROVIDE ALL FLASHING, CAULKING, WATERPROOFING AS PER INDUSTRY STANDARDS. ROOFING AND ROOF FLASHING SHALL CONFORM TO THE LATEST EDITION OF THE "NATIONAL ROOFING CONTRACTORS" DESIGN MANUAL.
- ALL WOOD CONNECTORS SHALL BE "SIMPSON STRONG TIES" AS CALLED OUT ON THE PLANS.
- ANCHOR OR STRAP WATER HEATERS, FORCED AIR UNITS OR ANY OTHER MECHANICAL EQUIPMENT INCLUDING DUCTS TO RESIST EARTHQUAKE MOTION PER THE UMC.
- THE OWNER SHALL SELECT ALL FINISHES, STYLES, COLORS, TYPES, HARDWARE, FIXTURES, ETC.
- THE BUILDER IS RESPONSIBLE FOR ALL FINISH DETAIL METHODS WITH PRIOR OWNER APPROVALS AS NECESSARY.

# Wall Notes:

**STUDS, SHEAR WALLS AND NAILING, INSULATION**

ALL EXTERIOR WALLS ARE 2X6 STUDS @ 16" O.C. AND SHALL BE SHEATHED WITH 1/2" CDX PLYWOOD, NAILED FOR SHEAR WITH 6d @ 6" O.C. EDGE, 12" O.C. FIELD EXCEPT WITHIN 4'-0" OF BUILDING CORNERS WHERE NAILING SHALL BE 6d @ 4" O.C. EDGE, 8" O.C. FIELD. SEE PLANS FOR ADDITIONAL SHEAR WALL LOCATIONS. INSULATION TO BE BLOWN IN CELLULOUS WITH AN R-21 VALUE.

ALL INTERIOR WALLS ARE 2X4 STUDS @ 16" O.C. AND SHALL BE COVERED BOTH SIDES WITH 1/2" GYP. INTERIOR WALLS WITH PLUMBING SHALL BE 2X6 STUDS @ 16" O.C. NOTE THAT SOME INTERIOR WALLS ARE NOTED AS RECEIVING SHEAR PLY WHICH SHALL BE INSTALLED AS NOTED ABOVE.



## A Braced Wall Panel

3/4" = 1'-0"

# General Notes (Chapter 7A)

- Defensible Space must be signed off prior to sheetrock inspection
- Exterior siding must be a County of Humboldt approved product (non combustible)
- Exterior wall vents must be constructed of 1/4" screen
- Exterior doors to be non-combustible construction, or 1 3/8" solid core, or 20 minute fire rated.
- Windows must be tempered
- Decking surfaces must be a County of Humboldt approved product (i.e. trees or cedar)
- Defensible area must be shown on the plan view and identified
- Eve and soffit vents must be fire rated to preclude ember and flame entrance. (see detail sheet AH)
- Underside of eve's shall be ignition resistant or non-combustible
- Exterior walls required to be non-combustible or ignition resistant, and if decks are within 10'. (S.F. #2/Bar)
- All accessory buildings shall be at least 10' from property line or must comply with CBC Chapter 7A
- Roof gutters shall be provided with a means to prevent the accumulation of leaves.

- USE 15/32" PLYWOOD OR OSB PANEL, W/10d COMMON NAILS #6" O.C. EDGES, 12" O.C. INT.
- USE 2" WIDTH MIN. 5/32" PLYWOOD PANEL, W/10d COMMON NAILS #6" O.C. EDGES, 12" O.C. INT. SUPPLY HOLDINGS AT EACH END OF PANEL

ALL HOLDINGS SHALL BE SIMPSON FPD2-SD53 OR GREATER.

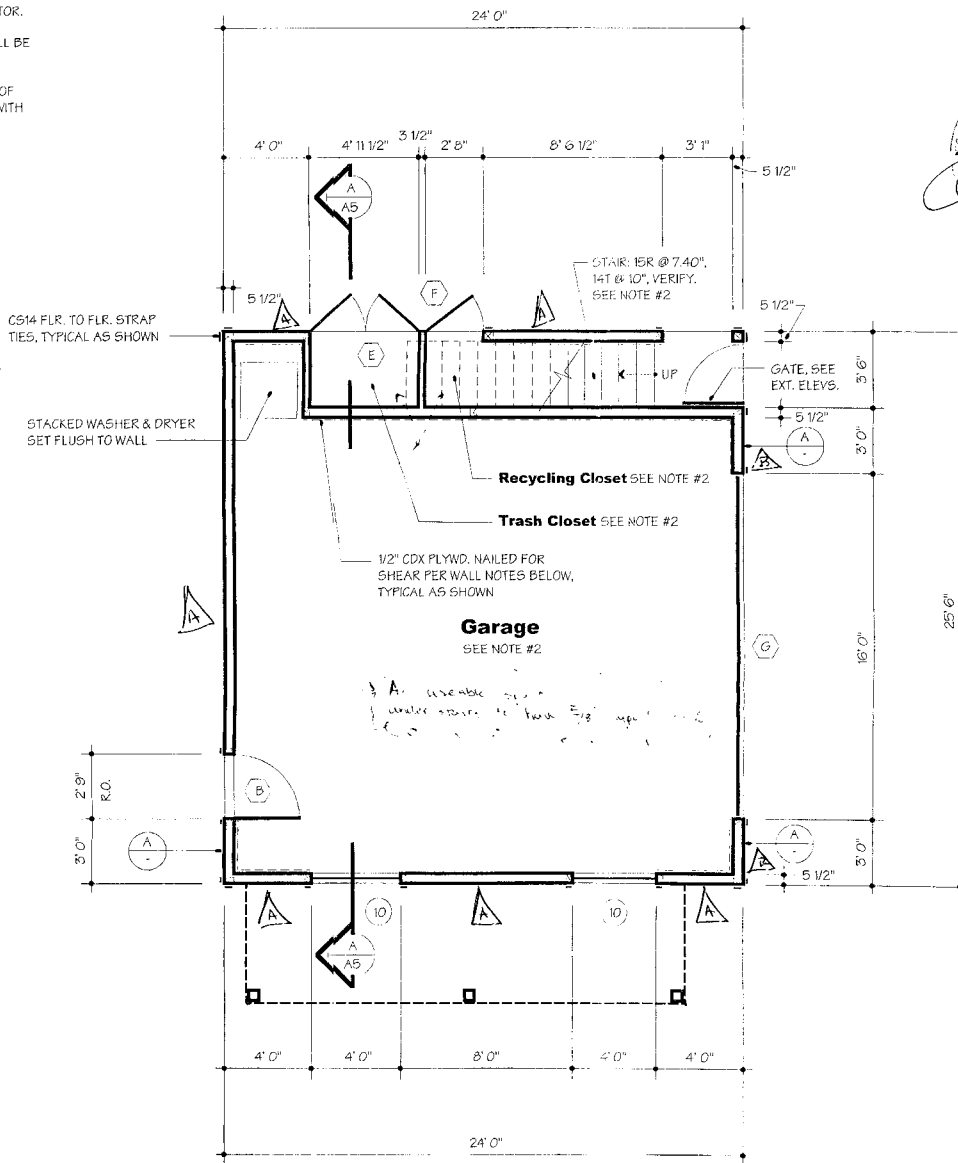
IF T-111 IS USED AS A SHEAR WALL PANEL, THE PANEL MUST BE RATED AT 15/32" (MIN.) AS STAMPED BY THE MANUFACTURER.

FLOOR TWO SHEAR WALL PANELS MUST BE SUPPORTED BY DOUBLE JOISTS OR BLOCKING TO TRANSFER LOAD TO WALL SYSTEM

PROVIDE 5/8" X 10" ANCHOR BOLTS, 1" INTO CONCRETE W/ 3"x3"x25" THICK WASHERS # 6" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS WITH BOLTS 12" MAX. FROM CORNERS AND NOT LESS THAN TWO BOLTS PER BOLL. U.O.N.

ALL SHEARWALL PANELS MUST BE CONTINUOUS, FROM BOTTOM OF BOTTOM PLATE, TO TOP OF TOP PLATE, OR BLOCKED BETWEEN.

# SHEARWALL SCHEDULE



# Ground Floor Plan

1/4" = 1'-0"

## NOTES:

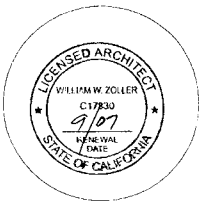
- ALL DIMENSIONS ARE TO FACE OF FRAMING. SEE GEN. NOTE #1, TAKE CARE TO NOTE DIMENSIONING SIDE OF STUDS AND VERIFY WALL LAYOUTS PRIOR TO CONSTRUCTION.
- WALLS AND CEILINGS IN THE GARAGE, TRASH CLOSET AND RECYCLING CLOSET AND UNDER ALL STAIRS SHALL RECEIVE 5/8" TYPE "X" GYP. BD., FIRE TAPED. PROVIDE A 48" HIGH GALV. SHIT. METAL WAINSCOT IN THE TRASH AND RECYCLING CLOSETS.
- STAIRS: 15r @ 7.416", 12t @ 10.75", 2t @ 36", VERIFY
- WATER HEATER DOOR SHALL HAVE 100 SQ. INCHES OF SCREENED VENTILATION, 50% WITHIN UPPER AND LOWER 12" OF ENCLOSURE.

APPROVED  
HUMBOLDT COUNTY  
BUILDING INSPECTION DEPARTMENT  
APR 27 2007

# ZOLLER Designs

Architecture • Planning  
Landscape • Interiors

P.O. Box 1132 Trinidad  
California 95570  
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These drawings were prepared by me or under my supervision.

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Humboldt Association of Realtors  
A.D.U. Contest Residence

Date: April 2, 2007

Drawing Description:

Designed by: WWZ

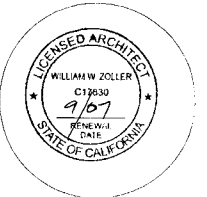
Drawn by: WWZ

Revision Dates:

4/24/07 PLAN CHECK CORRECTIONS WZ

Sheet Number:

# A2



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Architect - Ca.Lic.#C17830

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Date: April 2, 2007

Drawing Description:

Designed by: WWZ

Drawn by: WWZ

Revision Dates:

4/24/07 PLAN  
CHECK CORRECTIONS WZ

Sheet Number:

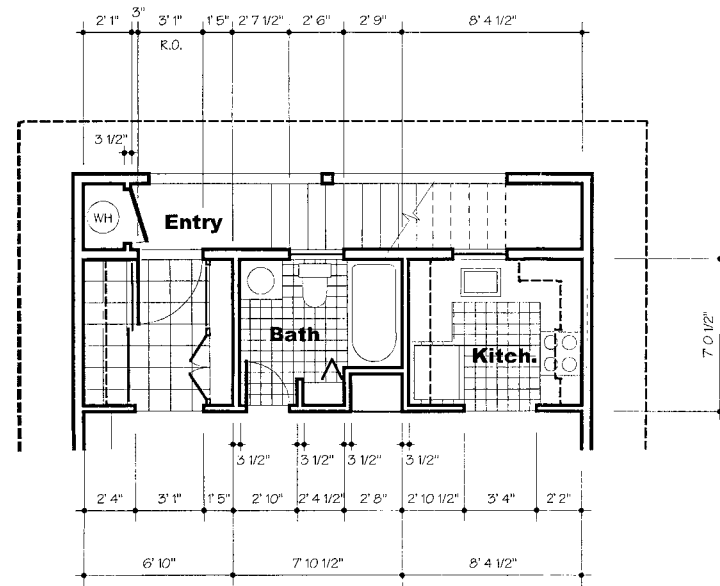
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of 8 11 #2

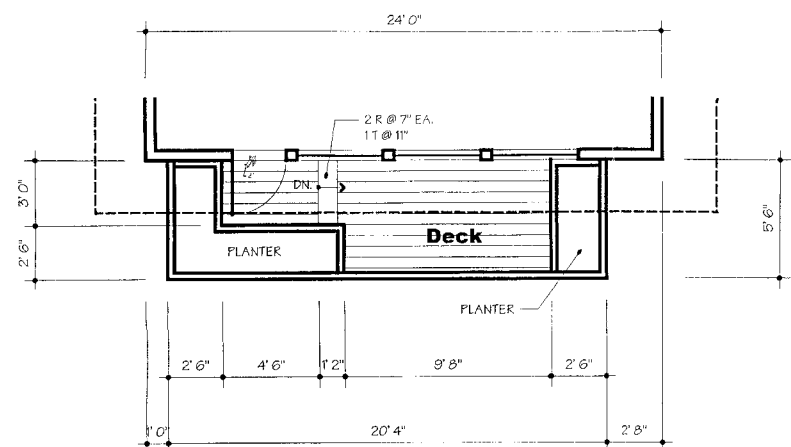
**Window Schedule:** UPPER FLR. PLAN

NOTE: ALL WINDOWS ARE "MILGARD" 5000 SERIES WHITE VINYL, DUAL PANE WITH GRIDS AS SHOWN ON THE EXTERIOR ELEVATIONS. SIZES SHOWN ARE NOMINAL. VERIFY QUANTITY & ROUGH OPENINGS REQ'D PRIOR TO ORDERING AND FRAMING.

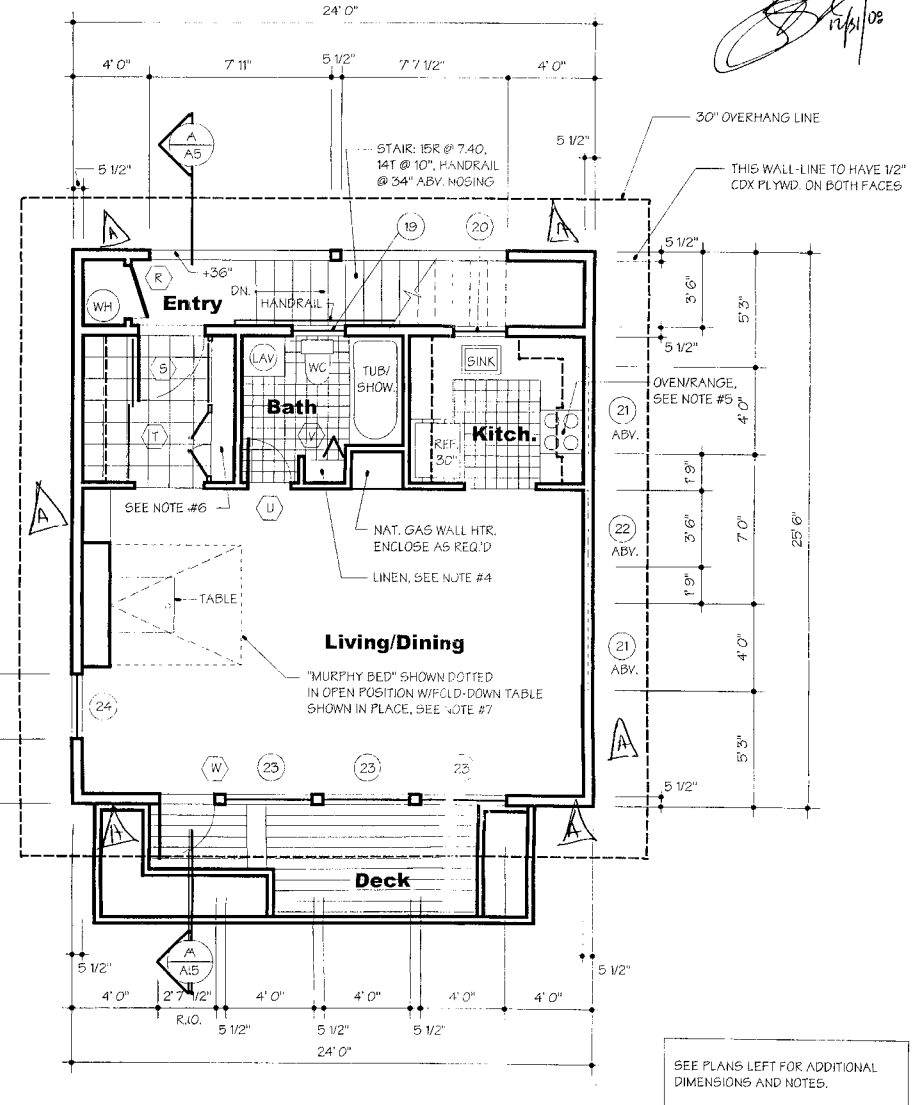
	Width/Height & Type	Quantity
12	3346 SINGLE HUNG	2
13	3046 FKED GLASS	1
14	3014 FKED GLASS	2
15	40 wide FKED GLASS (see ext. elevs.)	1
16	2630 SINGLE HUNG	1
17	3046 SINGLE HUNG	1
18	2646 SINGLE HUNG	1
19	2430 SLIDER W/OBSCURE GLASS	1
20	2636 SINGLE HUNG	1
21	4012 SLIDER	2
22	36 wide FKED GLASS (see ext. elev.)	1
23	4048 SINGLE HUNG	3
24	2848 SINGLE HUNG	1



**Detail Plan at Upper Floor** 1/4" = 1'-0"



**Plan at Upper Deck** 1/4" = 1'-0"

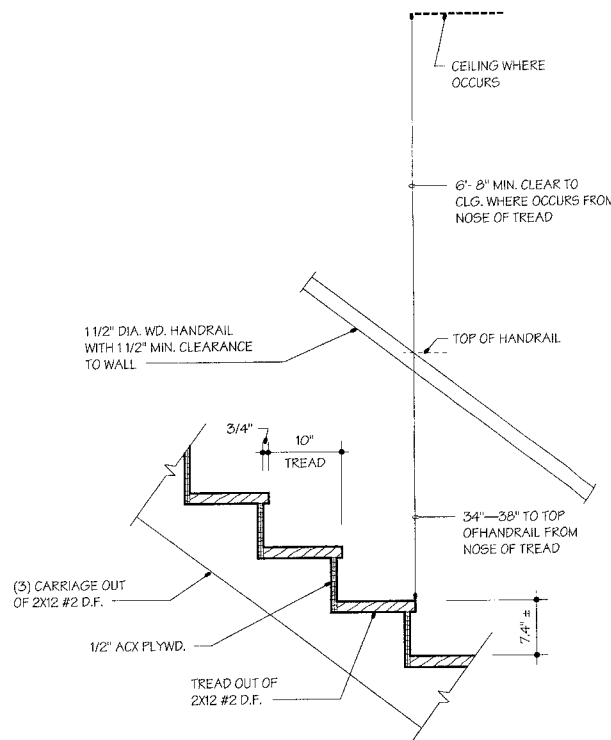


**Upper Floor Plan** 1/4" = 1'-0"

NOTES:

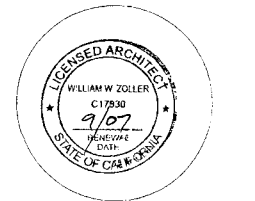
- ALL DIMENSIONS ARE TO FACE OF FRAMING. SEE GEN. NOTE #1. TAKE CARE TO NOTE DIMENSIONING SIDE OF STUDS AND VERIFY WALL LAYOUTS PRIOR TO CONSTRUCTION.
- SEE SHT. A2 FOR WALL NOTES, GENERAL NOTES AND DOOR SCHEDULE.
- PROVIDE (6) ADJ. SHELVES, FT. GD. PLYWOOD WITH EDGE BAND, (1) 20" DEEP, (5) 14" DEEP
- PROVIDE (6) ADJ. SHELVES, FT. GD. PLYWD. W/EDGE BAND, 12" DEEP
- 24" DROP-IN NAT. GAS OVEN/RANGE W/EXHAUST FAN OVER, VENTED THROUGH WALL
- CABINET WITH FULL LVR'D WD. DOORS, (6) ADJ. 12" WD. SHELVES WITH ADDITIONAL STORAGE ABOVE 7' LEVEL
- THIS IS A CUSTOM "MURPHY BED" APPLICATION. HARDWARE AND MATTRESS ARE TO BE PURCHASED ONLY AND INSTALLED PER THE MFR. SPECS. SEE THE BUILDING SECTION ON SHT. A5 FOR ELEV. VIEW AND MORE DETAILED NOTES.

- USE 1/2" PLYWOOD OR OSB PANEL 1/4" O.C. COMMON NAILS #6 @ 12" O.C. EDGES, 12" O.C. INT.
  - USE 28" WIDTH MIN. 1/2" PLYWOOD PANEL 1/4" O.C. COMMON NAILS #6 @ 12" O.C. EDGES, 12" O.C. INT. SUPPLY HOLDINGS AT EACH END OF PANEL.
- ALL HOLDINGS SHALL BE SIMPSON FH2-6053 OR GREATER.  
IF T-111 IS USED AS A SHEAR WALL PANEL, THE PANEL MUST BE RATED AT 15/32" (MIN.) AS STAMPED BY THE MANUFACTURER.  
FLOOR TWO SHEAR WALL PANELS MUST BE SUPPORTED BY DOUBLE JOISTS OR BLOCKING TO TRANSFER LOAD TO WALL SYSTEM.  
PROVIDE 5/8" x 10" ANCHOR BOLTS, 1" INTO CONCRETE W/ 3"x3"x.225" THICK WASHERS @ 6" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS WITH BOLTS 12" MAX. FROM CORNERS AND NOT LESS THAN TWO BOLTS PER 6'LL U.O.N.  
ALL SHEARWALL PANELS MUST BE CONTINUOUS, FROM BOTTOM OF BOTTOM PLATE, TO TOP OF TOP PLATE, OR BLOCKED BETWEEN.



**Stair Detail** 1" = 1'-0"

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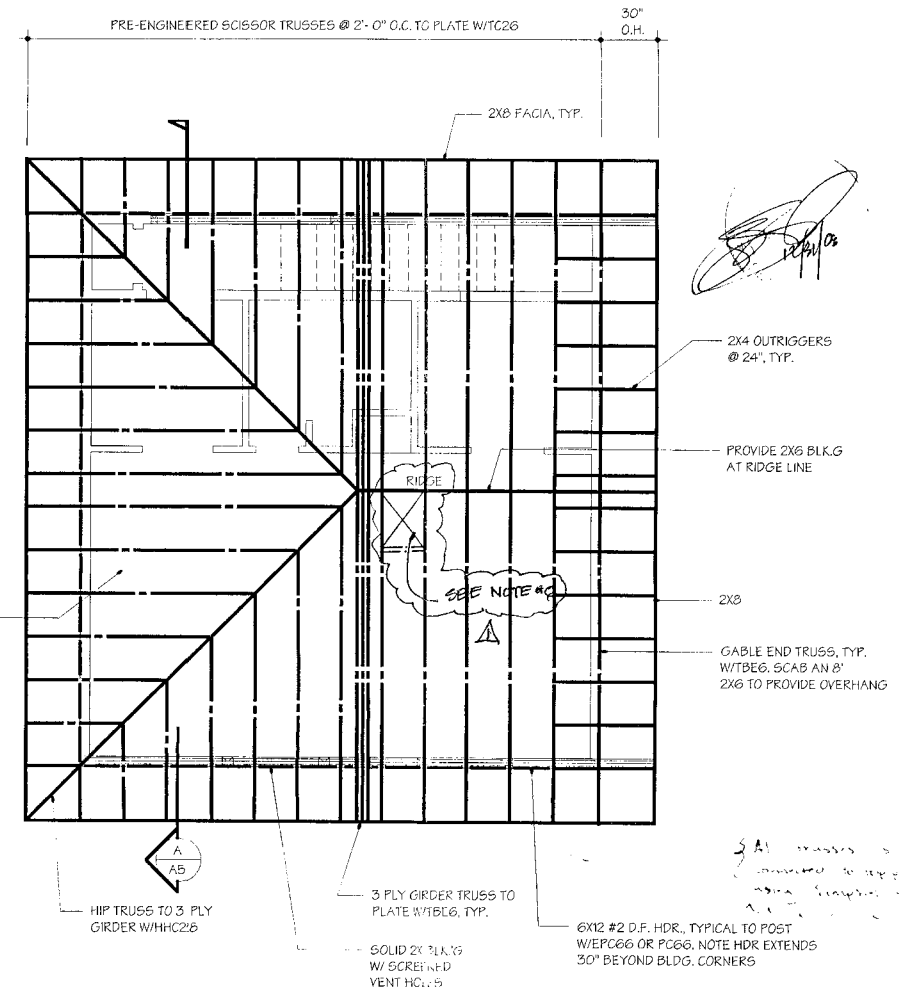


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*William W. Zoller*

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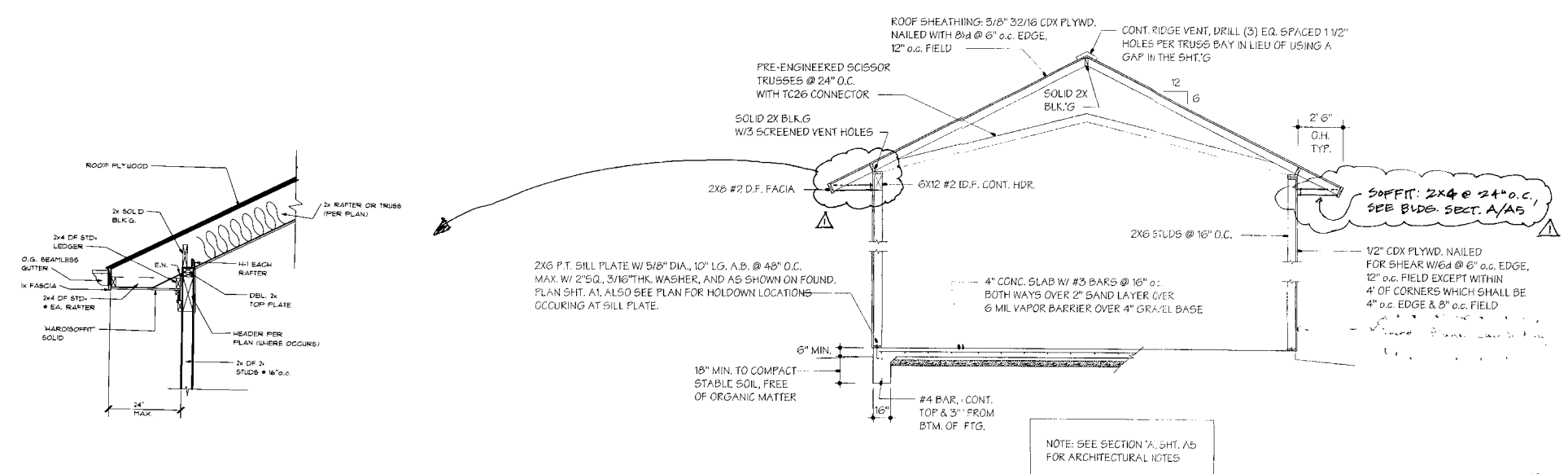


- NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE TRUSS ROOF SYSTEM PER THE TRUSS DOCUMENTS PROVIDED BY THE SUPPLIER.
  2. DO NOT CUT TRUSSES. TOP CHORD OF GABLE TRUSSES HAS BEEN DROPPED 1 1/2" FOR OUTRIGGERS.
  3. ALL TRUSSES ARE MECHANICALLY ATTACHED TO THE TOP PLATES USING EITHER "SIMPSON" HARDWARE OR HARDWARE NOTED IN THE TRUSS ENGINEERING DOCUMENTS.
  4. THE BUILDER SHALL PROVIDE ONSITE ENGINEERING REGARDING THE TRUSS INSTALLATION AS REQUIRED.
  5. SEE GENERAL NOTES ON SHT. A2

G. PROVIDE ATTIC ACCESS W/MIN. 22" x 30" OPENING.

## Roof Framing Plan

1/4" = 1'-0"



## B Building Section 'B' - Structural

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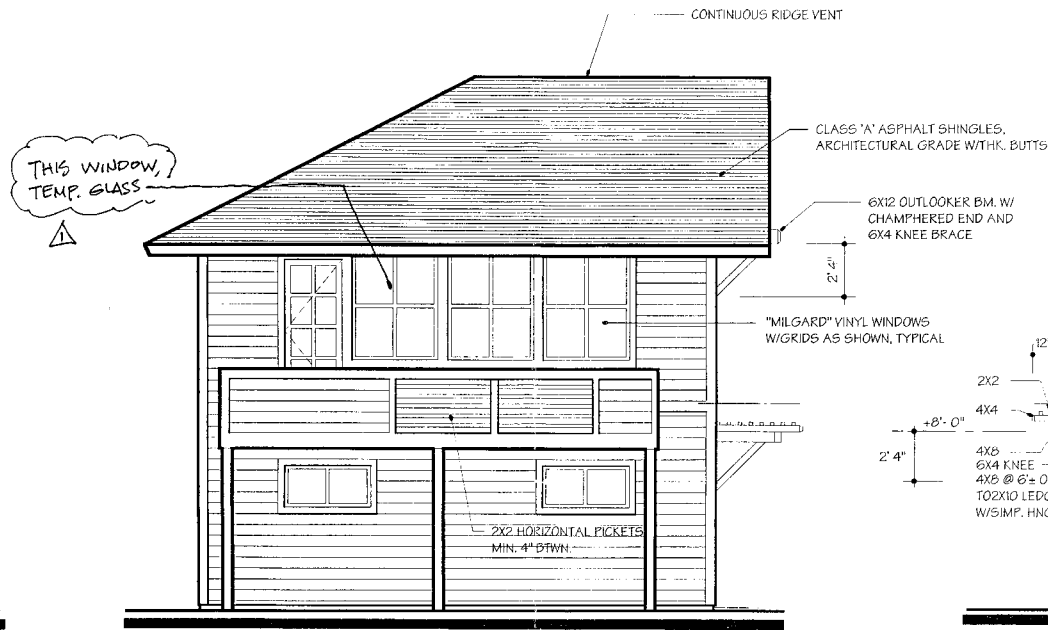
Date: April 2, 2007  
Drawing Description:  
Designed by: WWZ  
Drawn by: WWZ  
Revision Dates:  
4/24/07 BLDG. DEPT. CORRECTIONS WWZ  
Sheet Number:





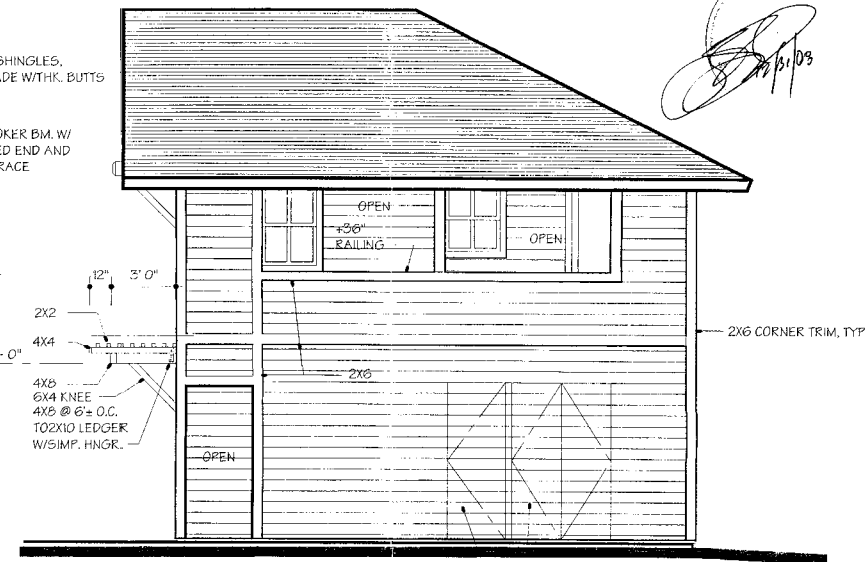
**West Elevation**

1/4" = 1'-0"



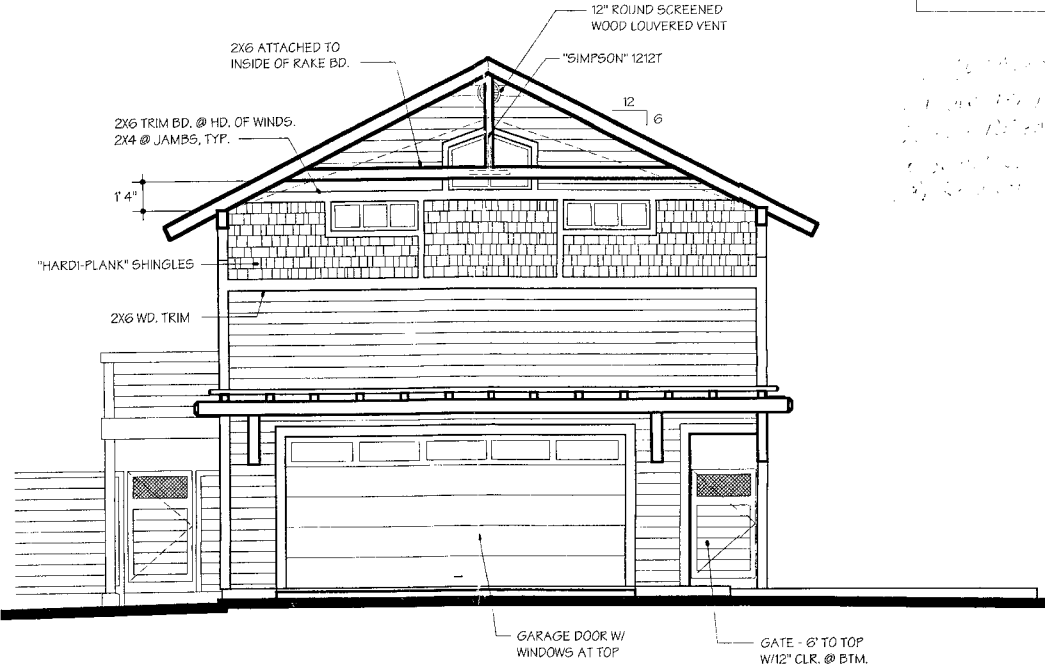
**South Elevation**

1/4" = 1'-0"



**North Elevation**

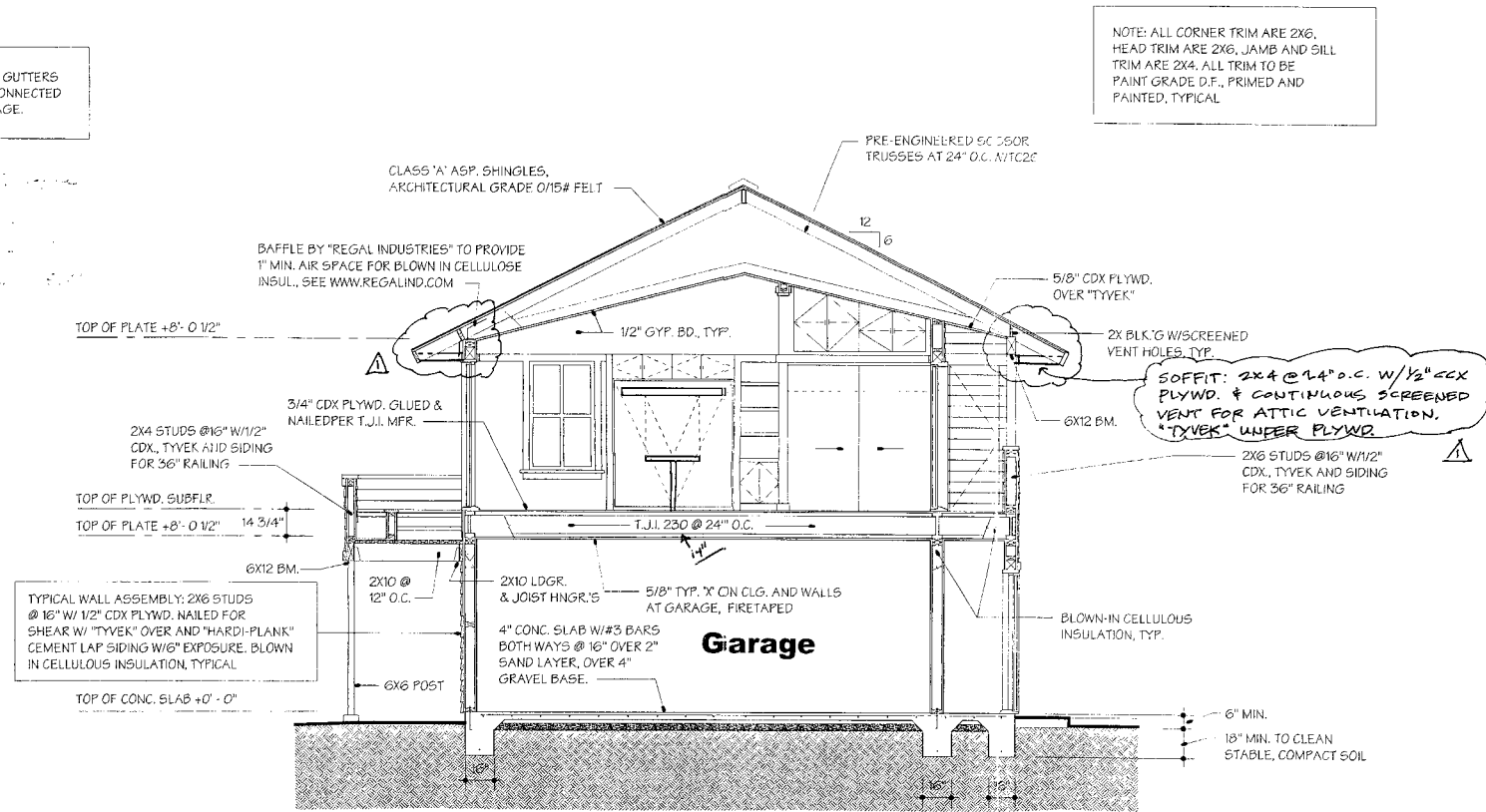
1/4" = 1'-0"



**East Elevation**

1/4" = 1'-0"

NOTE: PROVIDE ALUM. GUTTERS AND DOWNSPOUTS, CONNECTED TO APPROVED DRAINAGE.



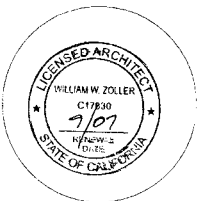
NOTE: ALL CORNER TRIM ARE 2X6, HEAD TRIM ARE 2X6, JAMB AND SILL TRIM ARE 2X4. ALL TRIM TO BE PAINT GRADE D.F., PRIMED AND PAINTED, TYPICAL.

NOTE: SEE SECTION 'B', SHT. A4 FOR TYPICAL STRUCTURAL NOTES

**A Building Section "A"**

1/4" = 1'-0"

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BUILDING INSPECTION DEPARTMENT  
APR 27 2007



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Humboldt Association of Realtors  
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Date: April 2, 2007

Drawing Description:

Designed by: WWZ

Drawn by: WWZ

Revision Dates:  
4/24/07 BLDG. DEPT. CORRECTIONS WZ

Sheet Number:

**A5**

of: 8 Plan #2

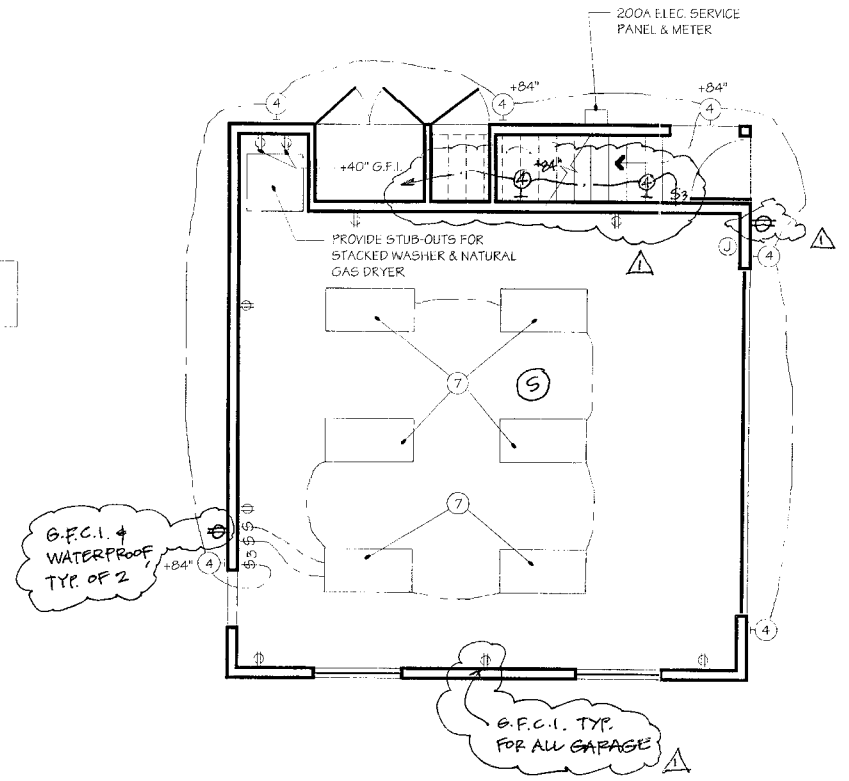
# Light Fixture Schedule:

- ① 18W CFL PENDANT
- ② 8' TROUGH UPLIGHT FIXT. W/ TB @ 3000K
- ③ (NOT USED)
- ④ EXTERIOR FLUORESCENT SCENCE DOWNLIGHT W/ MOTION SENSOR AND SWITCHED
- ⑤ 18W CFL RECESSED CAN W/ WHITE REFLECTOR
- ⑥ FLUOR. UNDERCAB. FIXTURE W/ T/LAMP AND ELECTRONIC BALLAST
- ⑦ 26W CFL RECESSED CAN W/ WHITE REFLECTOR
- ⑧ 24W CFL SURFACE MTD. W/ ELECTRONIC BALLAST
- ⑨ 2X4' SURF. MTD. FLUOR. FIXTURE W/ 2 TB, DBL. SW. TO PROVIDE FOR 50% LIGHT LEVEL REDUCTION
- ⑩ 18W CFL SCENCE DOWNLIGHT
- ⑪ FLUOR. VANITY FIXTURE W/ TB LAMP

# Typical Electrical Symbol Legend:

- ⊕ DUPELEX OUTLET @ 12" ABV. FLR.
- ⊕ WP WATER PROOF DUPELEX OUTLET @ 12" ABV. FLR.
- ⊕ DUPELEX OUTLET @ 12" ABV. FLR. W/ ONE POLE TO SWITCH
- ⊕ G.F.I. DUPELEX OUTLET ABV. CNTR. W/ G.F.I.
- ☎ TELEPHONE JACK @ 12" ABV. FLR.
- TV CABLE T.V. JACK
- ☐ EXHAUST FAN
- ⊕ WALL SWITCH @ 40" ABV. FLR.
- ⊕D WALL SWITCH, DIMMER TYPE @ 40" ABV. FLR.
- ⊕3 2 WAY WALL SWITCH @ 40" ABV. FLR.
- ⊕4 THREE WAY WALL SWITCH @ 40" ABV. FLR.
- CEILING MTD. LIGHT FIXTURE, SEE SCHED. ABV.
- WALL MTD. LIGHT FIXTURE, SEE SCHED. ABV.
- ⊕ W WIRED SMOKE DETECTOR W/ BATTERY BACK-UP
- ⊕ JUNCTION BOX

NOTE: ALL CFL SHALL BE 2700K AND HAVE ELECTRONIC BALLASTS



# Ground Floor Plan

1/4" = 1'-0"

## RESIDENTIAL KITCHEN LIGHTING WORKSHEET

Project Title \_\_\_\_\_ Date \_\_\_\_\_

At least 50% of the total rated wattage of permanently installed luminaires in the kitchen must be in luminaires that are high efficacy luminaires as defined in Table 150-C. Luminaires that are not high efficacy must be switched separately.

Kitchen Lighting Schedule. Provide the following information for all luminaires to be installed in kitchens.

Luminaire Type	High Efficacy?	Watts	x	Quantity	=	High Efficacy Watts	or	Other Watts
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
	Yes <input type="checkbox"/> No <input type="checkbox"/>		x		=		or	
Total: A: _____						B: _____	Yes <input type="checkbox"/> No <input type="checkbox"/>	

COMPLIES IF A ≥ B

### Rules for Determining Residential Kitchen Luminaire Wattage

**Screw Base Sockets §130(c) 1**  
 (Not containing permanently installed ballasts) The maximum relamping rated wattage of the luminaire, as listed on a permanent factory-installed label (luminaire wattage is not based on type or wattage of lamp that is used).

**Permanently or Remotely Installed Ballasts §130(c) 2**  
 The operating input wattage of the rated lamp-ballast combination based on values published in manufacturer's catalogs based on independent testing lab reports.

**Line Voltage Track Lighting (90 through 480 volts) §130(c) 3**  
 1. Volt-ampere (VA) rating of the branch circuit(s) feeding the tracks; or  
 2. For tracks equipped with an integral current limiter, the higher of:  
 • The wattage (or VA) rating of an approved integral current limiter controlling the track system or  
 • 15 watts per linear foot of the track; or  
 3. For tracks without an integral current limiter, the higher of:  
 • 45 W per linear foot of the track or  
 • The total wattage of all of the luminaires included in the system.

**Low Voltage Track Lighting (less than 90 volts) §130(c) 4**  
 Rated wattage of the transformer feeding the system, as shown on a permanent factory-installed label

**Other Lighting §130(c) 5**  
 Lighting systems that are not addressed in §130 (c) 1-4) The maximum rated wattage, or operating input wattage of the system, listed on a permanent factory-installed label, or published in manufacturer's catalogs, based on independent testing lab reports.

## RESIDENTIAL KITCHEN LIGHTING WORKSHEET

Project Title \_\_\_\_\_ Date \_\_\_\_\_

Kitchen Lighting Schedule. Provide the following information for all luminaires to be installed in kitchens.

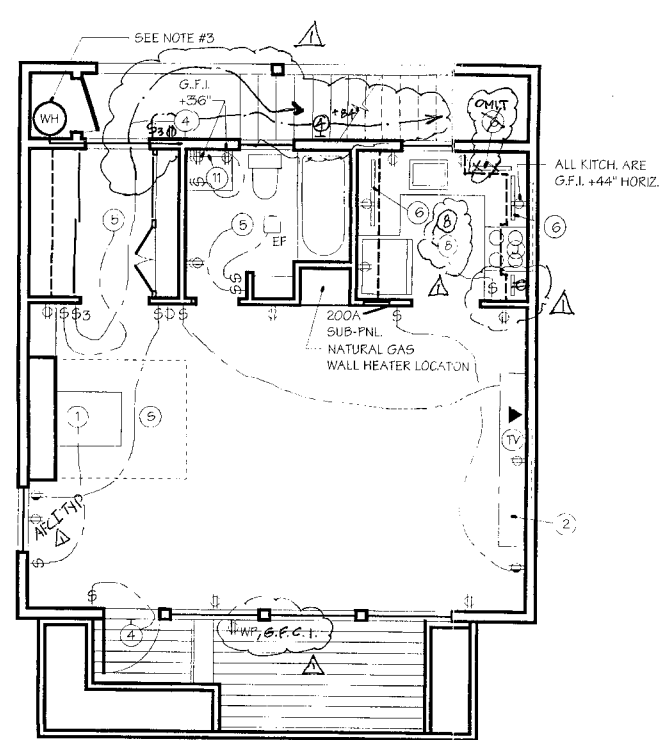
Luminaire Type	High Efficacy	Watts	x	Quantity	=	High Efficacy Watts	or	Other Watts
CPL-1	Yes	26	x	5	=	130	or	
MR-16	No	55	x	2	=		or	110
			x		=		or	
			x		=		or	
Total: A: 130						B: 110	Yes <input type="checkbox"/> No <input type="checkbox"/>	

COMPLIES IF A ≥ B

## Notes:

1. ALL MECHANICAL & ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR AND ALL WORK SHALL CONFORM TO THE APPLICABLE "I.N.E.C." CODE IN FORCE IN THE COUNTY OF HUMBOLDT OR OTHER CITY JURISDICTIONS, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) TO PROVIDE COMPLIANCE WITH ALL CODES.
2. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL HYDRONIC SYSTEM DESIGN, CALCULATIONS AND ANY OTHER INFORMATION REQUIRED BY THE BUILDING INSPECTOR(S). THE HYDRONIC SYSTEM SHALL CONSIST OF 5/8" PEX TUBING IN CONCRETE SLAB AT THE GROUND FLOOR AND BASEBOARD RADIATORS AT THE UPPER FLOOR. THE CONTRACTOR SHALL VERIFY ZONES AND OTHER PARTICULARS OF THE SYSTEM (I.E. CONTROLS) WITH THE OWNER PRIOR TO INSTALLATION.
3. NATURAL GAS WATER HEATER. PROVIDE SEISMIC BRACING PER CODE. INSTALL INSULATION JACKET ON WH.
4. FLAME, SPARK, (GLOW OF DRYER SHALL BE MINIMUM 18" ABOVE GARAGE FLOOR.
5. ALL OUTLETS, LIGHTS, SWITCHES IN SLEEPING ROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER.
6. MAIN LIGHTING IN BATHROOM, KITCHEN TO BE FLORESCENT.
7. AT LEAST HALF THE INSTALLED WATTAGE OF LUMINAIRES IN KITCHEN SHALL BE HIGH EFFICACY AND THE ONES THAT ARE NOT MUST BE SWITCHED SEPARATELY.
8. LIGHTING IN BATHROOM, GARAGE, LAUNDRY AND UTILITY ROOMS SHALL EITHER BE HIGH EFFICACY OR SHALL BE CONTROLLED BY AN OCCUPANT SENSOR.
9. OTHER ROOMS SHALL HAVE EITHER HIGH EFFICACY OR SHALL BE CONTROLLED BY AN OCCUPANT SENSOR OR DIMMER. CLOSETS THAT ARE LESS THAN 70 SQ. FT. ARE EXEMPT FROM THIS REQUIREMENT.
10. ALL OUTSIDE LUMINAIRES MOUNTED TO THE BUILDING SHALL BE HIGH EFFICACY LUMINAIRES OR SHALL BE CONTROLLED BY A PHOTOCONTROL/MOTION SENSOR COMBINATION.
11. RECESSED LIGHT CANS MUST BE IC RATED FOR DIRECT CONTACT OF INSULATION AND BE AIR TIGHT TO PRECLUDE INFILTRATION INTO THE CONDITIONED SPACE.

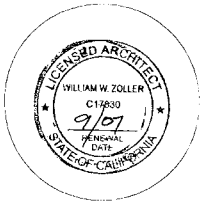
## MECHANICAL AND ELECTRICAL



# Upper Floor Plan

APPROVED  
 HUMBOLDT COUNTY  
 BUILDING INSPECTION DEPARTMENT  
 APR 27 2007

BY: \_\_\_\_\_



These drawings were prepared by me or under my supervision.

*William W. Zoller*

William W. Zoller,  
 Architect - Ca.Lic.#C17830

Humboldt Association of Realtors  
 A.D.U. Contest Residence

Date: April 2, 2007

Drawing Description:

Designed by: WWZ

Drawn by: WWZ

Revision Dates:

4/24/07 BLDG. DEPT. CORRECTIONS WZ

Sheet Number:

# A6

of: 8 Plan #2

