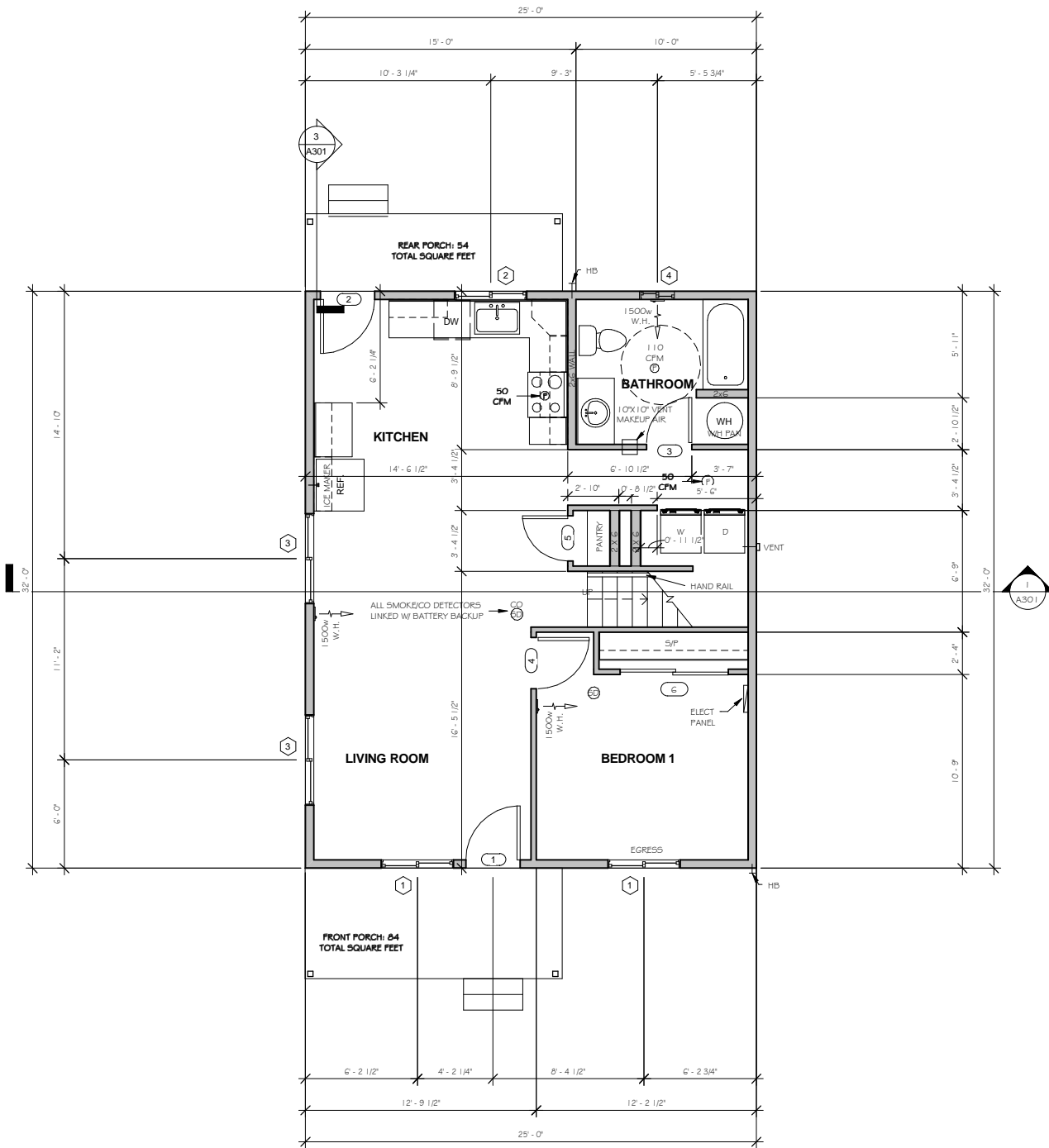
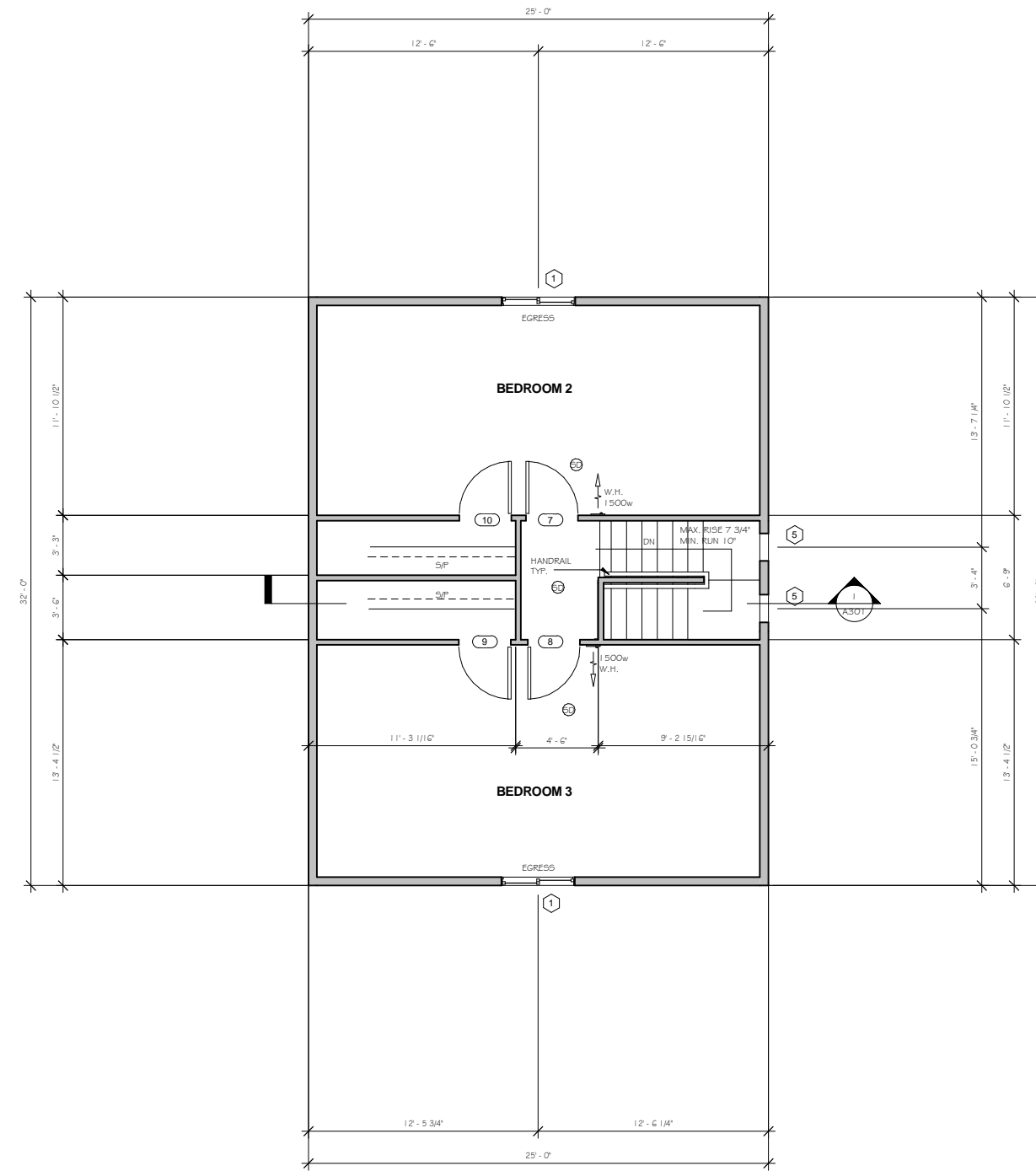


Door Schedule			
Type	Mark	Width	Height
Single-Decorative 2	1	3' - 0"	6' - 0"
Single-Decorative 2	2	3' - 0"	6' - 0"
Single-Panel 2	3	2' - 0"	6' - 0"
Single-Panel 1	4	2' - 10"	6' - 0"
Single-Flush	5	2' - 0"	6' - 0"
Sliding-Closet	6	6' - 0"	6' - 0"
Single-Panel 1	7	2' - 10"	6' - 0"
Single-Panel 1	8	2' - 10"	6' - 0"
Single-Panel 1	9	2' - 10"	6' - 0"
Single-Panel 2	10	2' - 10"	6' - 0"

Window Schedule				
Type	Type Mark	Width	Height	Qty
Slider with Trm	1	48"	48"	4
Slider with Trm	2	48"	36"	1
Slider with Trm	3	60"	48"	2
Slider with Trm	4	24"	30"	1
Fixed 1	5	18"	18"	2



1 1st FLOOR-DIMENSIONS
A101 1/4" = 1'-0"



2 2nd FLOOR-DIMENSIONS
A101 1/4" = 1'-0"

FLOOR PLAN



SOUTH PUGET SOUND COMMUNITY COLLEGE
Olympia, WA 98502-8292
(360) 754-7711
www.spucc.edu

3-D Modeling/Construction Documents, CAD, BIM, Technology students, staff and faculty volunteers from South Puget Sound Community College.

PROJECT: **COTTAGE**
37th Ave SE Lacey Wa 98503

PROJECT #: HFH 4BDRM STATUS: Preliminary

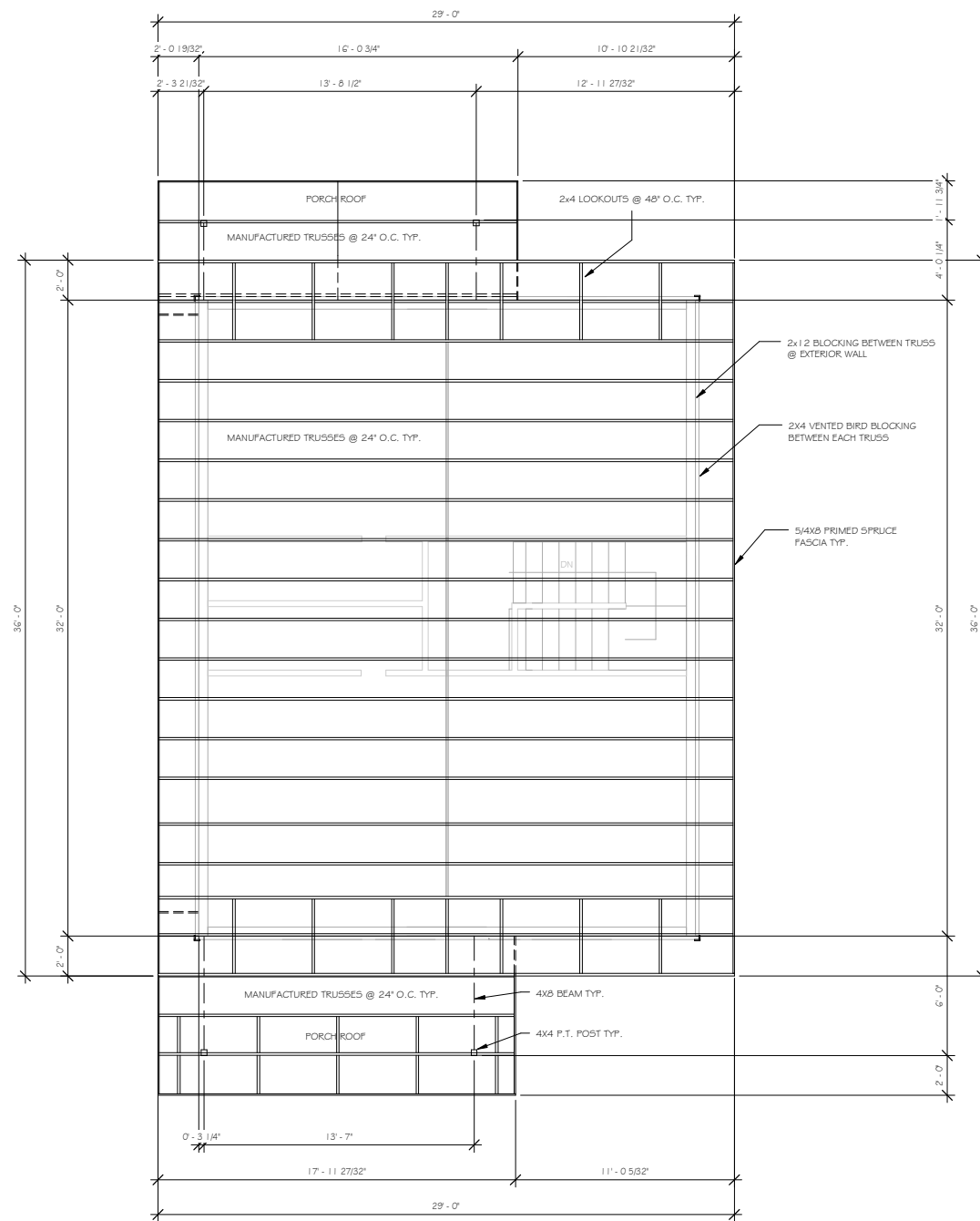
#	REVISIONS DESCRIPTION	DATE

SHEET SCALE:
1/4" = 1'-0"

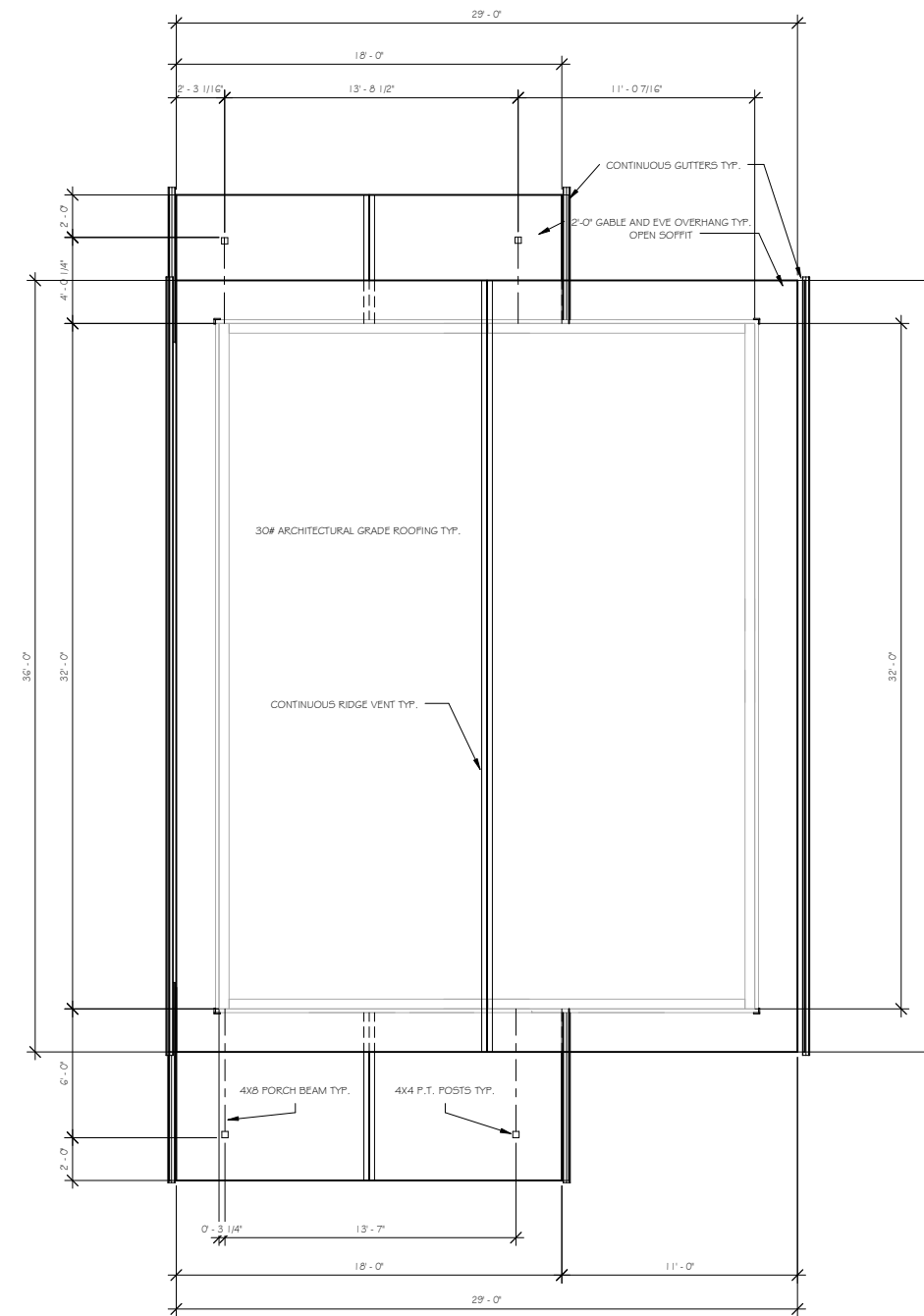
6/18/2013 11:09:26 AM

SHEET TITLE:
FLOOR PLAN

A101



2 ROOF FRAMING PLAN
A102 1/4" = 1'-0"



1 ROOF PLAN
A102 1/4" = 1'-0"

ROOF PLAN



415 Olympia Ave NE
Olympia, WA 98501
(360) 958-3456 phone
(360) 958-3415 fax



SOUTH PUGET SOUND
COMMUNITY COLLEGE
Olympia, WA 98512-8292
(360) 754-7711
www.spucc.edu
3-D Modeling, Construction Documents, CAD, BIM,
Technology students, staff and faculty volunteers from
South Puget Sound Community College.

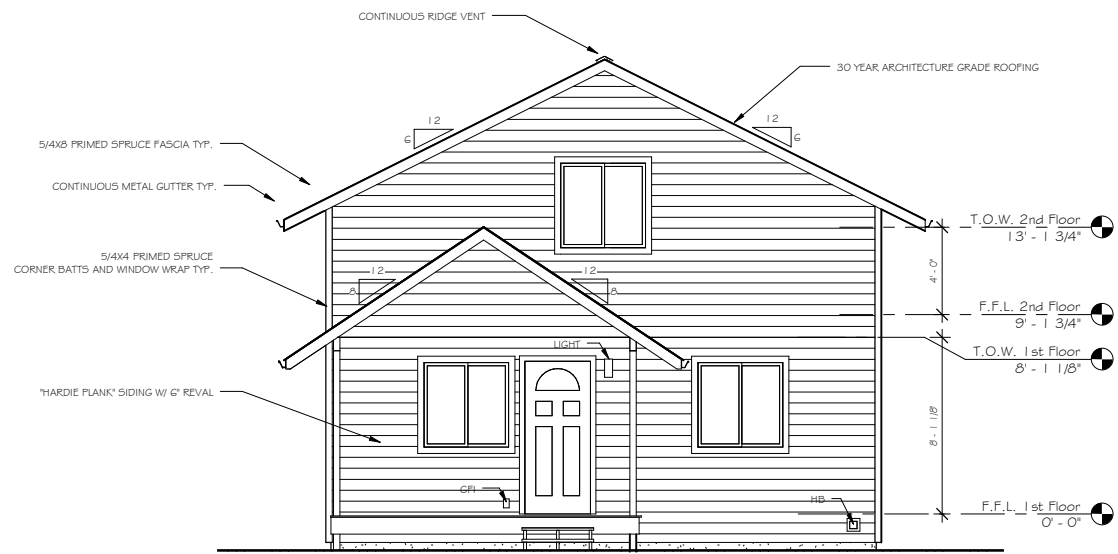
PROJECT:
COTTAGE
37th Ave SE Lacey Wa 98503

PROJECT #: HPH 4BDRM STATUS: Preliminary

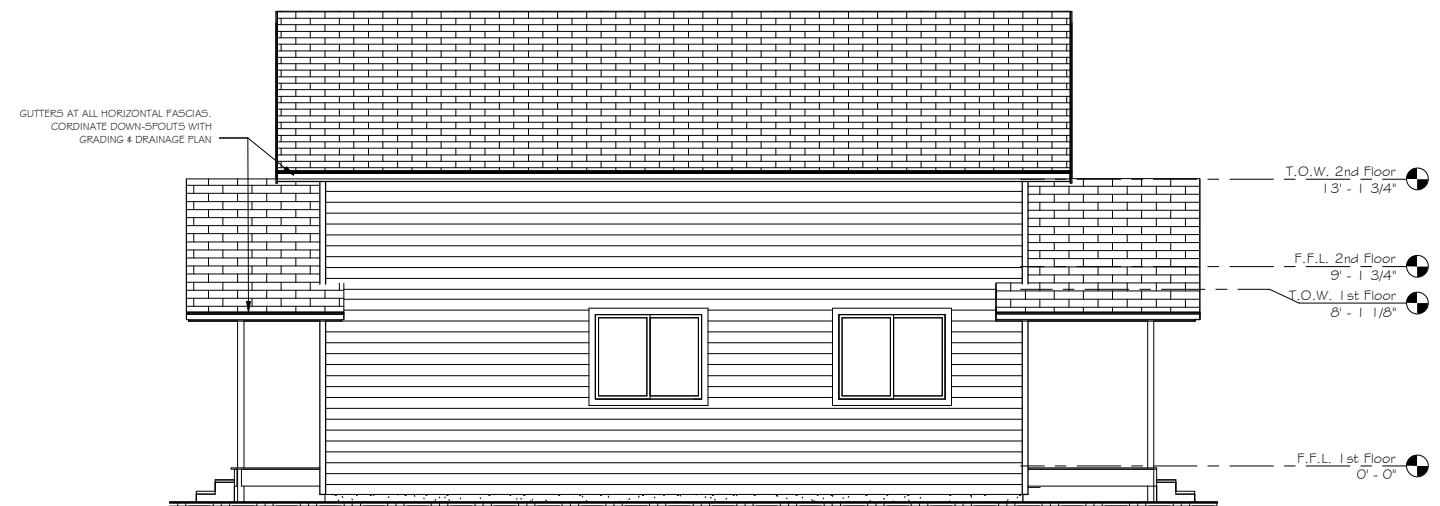
#	REVISIONS DESCRIPTION	DATE

SHEET SCALE:
1/4" = 1'-0"
6/18/2013 11:09:26 AM

SHEET TITLE:
ROOF PLAN
A102



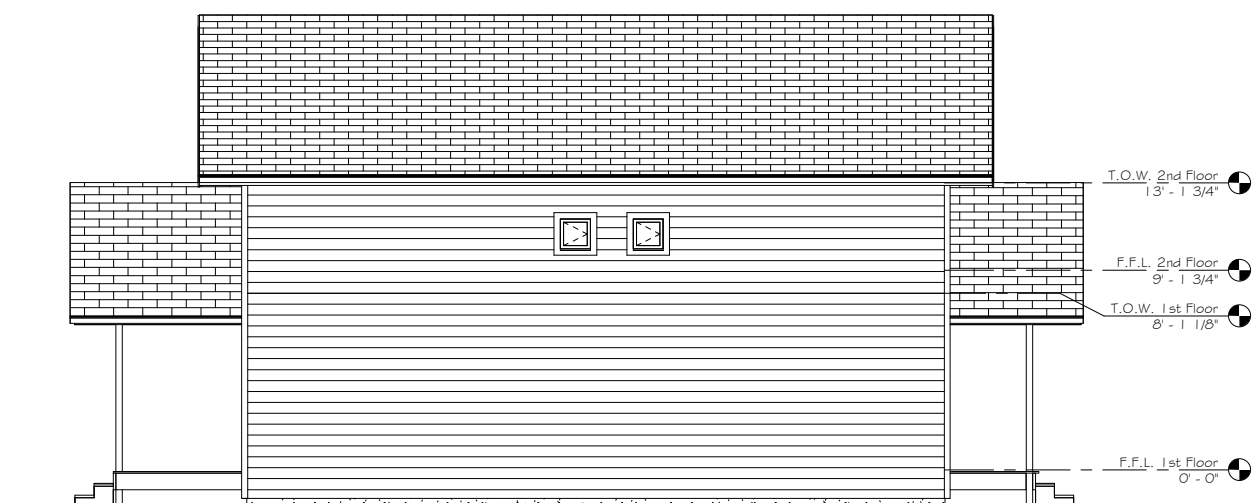
1 FRONT
A103 1/4" = 1'-0"



3 RIGHT
A103 1/4" = 1'-0"



4 REAR
A103 1/4" = 1'-0"



2 LEFT
A103 1/4" = 1'-0"

ELEVATIONS

South Puget Sound
Habitat for Humanity®
415 Olympia Ave NE
Olympia, WA 98501
(800) 956-3456 phone
(360) 956-3415 fax

SOUTH PUGET SOUND
COMMUNITY COLLEGE
Olympia, WA 98502-8292
(360) 754-7711
www.spscc.edu
2-D Modeling / Construction Documents / CAD / BIM
Technology students, staff and faculty volunteers from
South Puget Sound Community College.

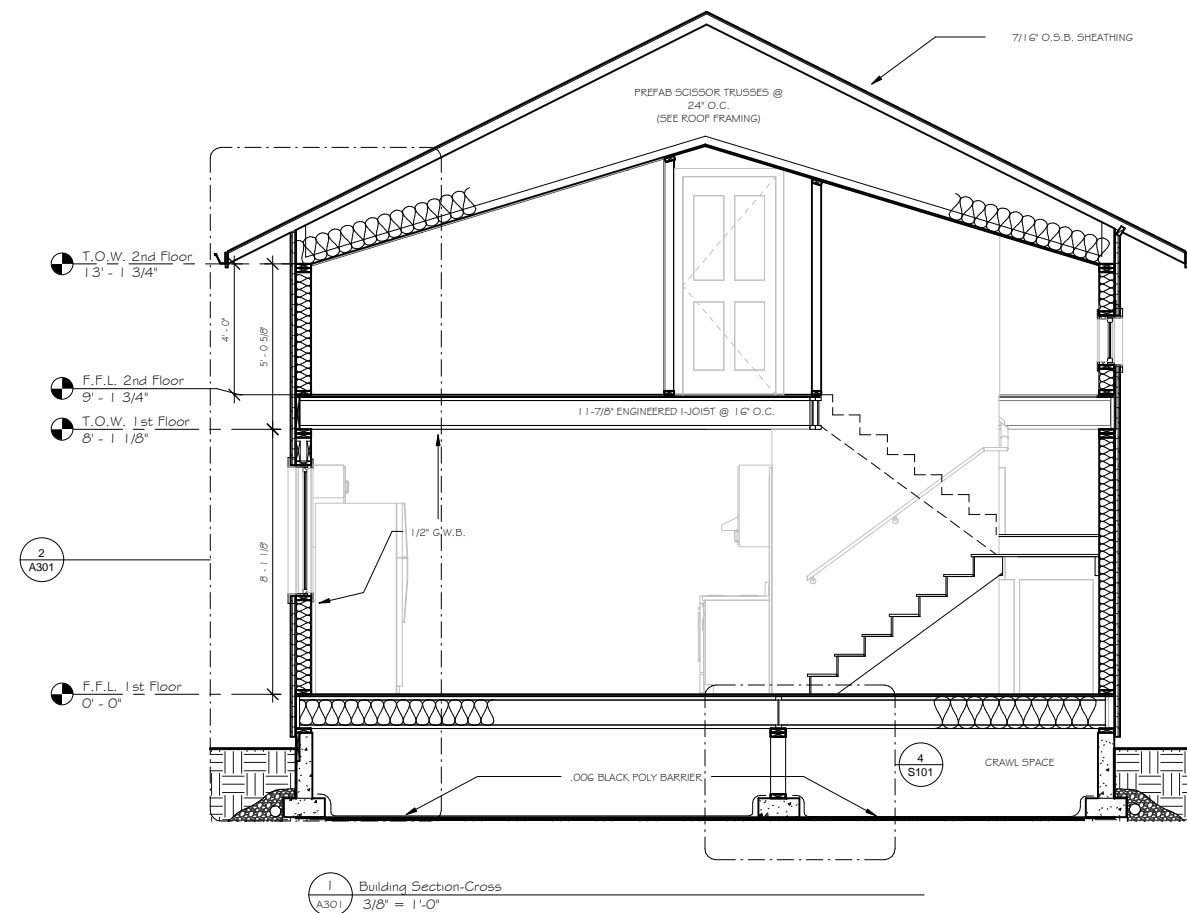
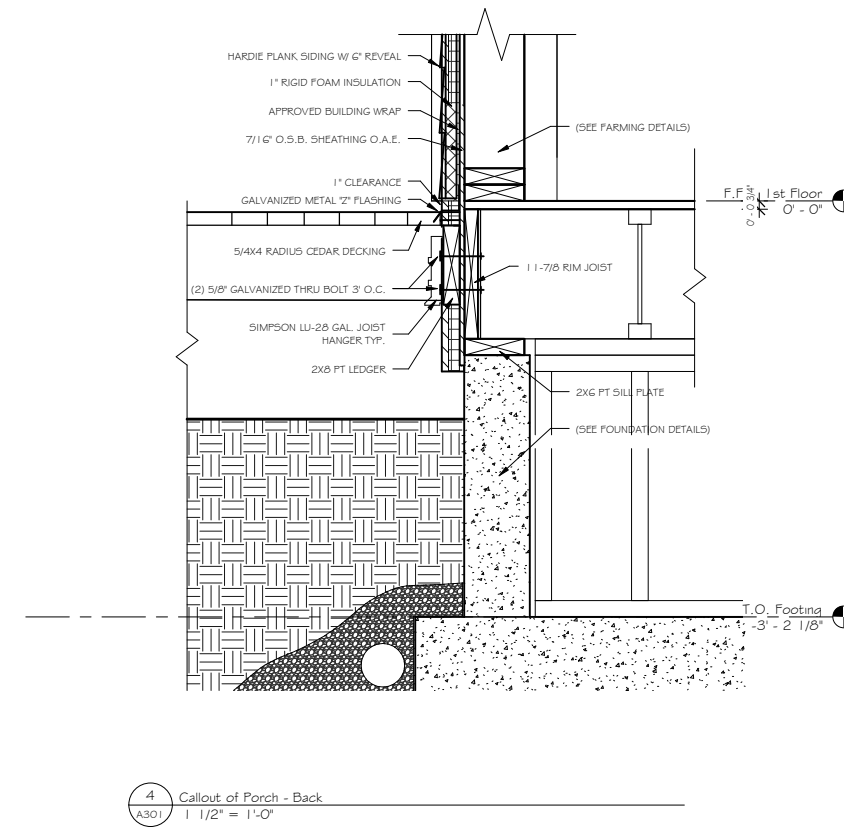
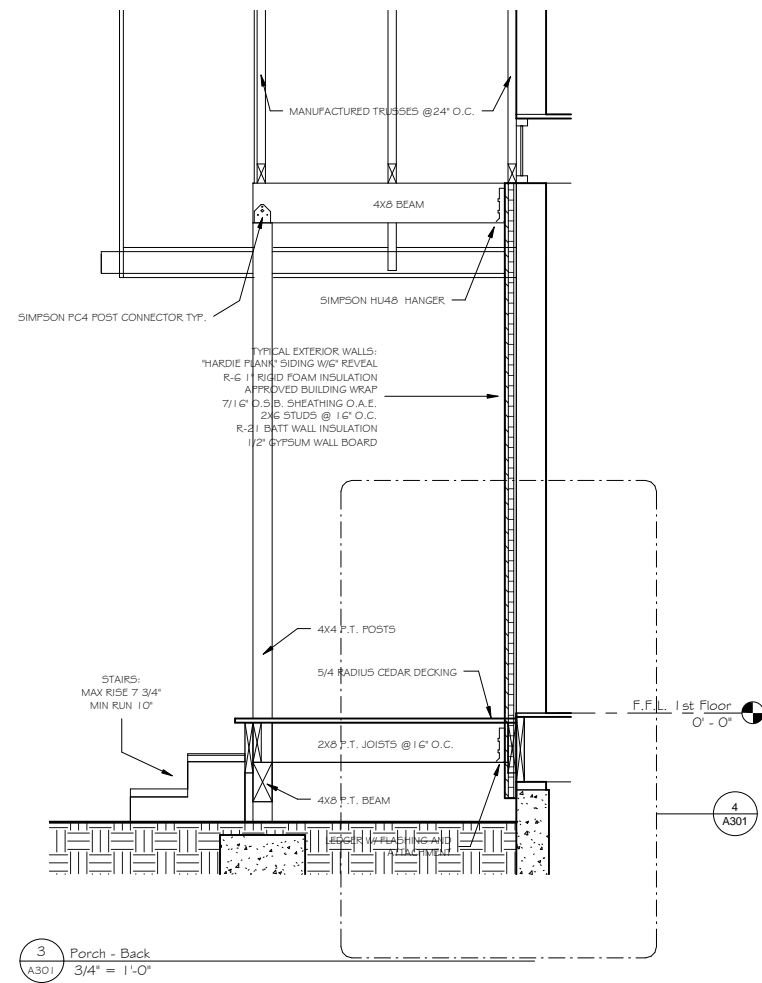
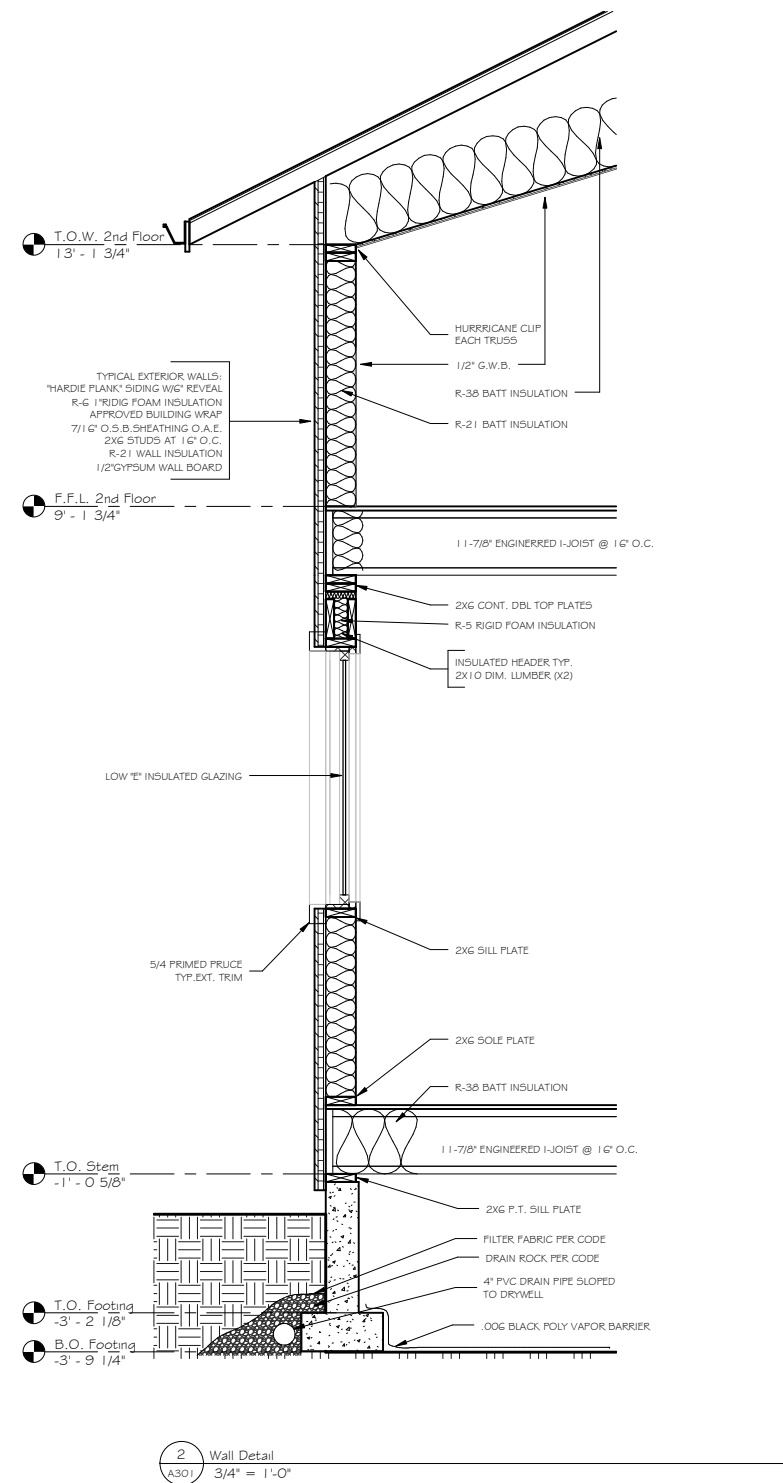
PROJECT: COTTAGE
37th Ave SE Lacey Wa 98503
PROJECT #: HPH 4BDRM STATUS: Preliminary

#	REVISIONS DESCRIPTION	DATE

SHEET SCALE:
1/4" = 1'-0"
6/18/2013 11:09:27 AM

SHEET TITLE:
ELEVATIONS

A103



BUILDING SECTIONS

REVISIONS #	DESCRIPTION	DATE

SHEET SCALE:
As indicated

6/18/2013 11:09:28 AM

SHEET TITLE:
BUILDING SECTIONS

A301

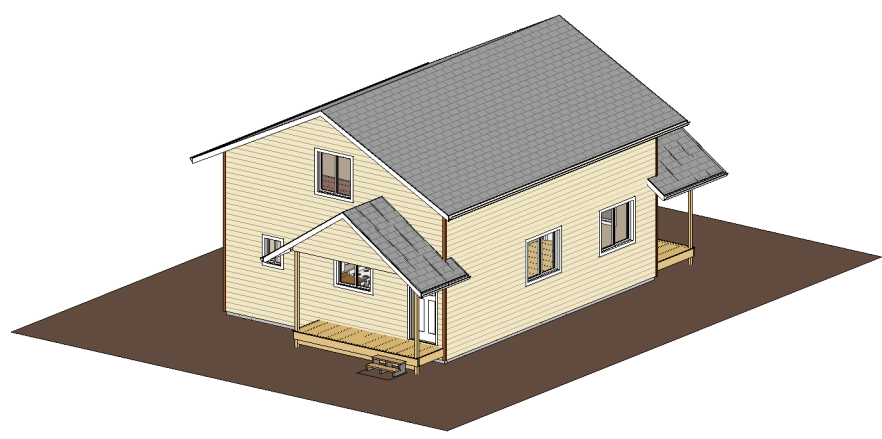
A		E		P	
A/C	Air conditioning	EQUIV	Equivalent	PERM	Perimeter
A/E	Architect/engineer	ESMT	Easement	PK LOT	Parking lot
AB	Anchor Bolt	EST	Estimate	PL	Property line
ABS	Acrylonitrile butadiene styrene	EW	Each way	PLYWD	Plywood
ACOUS INSUL	Acoustical insulation	EWB	Electric water heater	PREFAB	Prefabrication
ACS DR	Access door	EXIST	Existing	PRELIM	Preliminary
ACST	Acoustic	EXIST GR	Existing grade	PREV	Previous
ADA	Americans with Disabilities Act	EXT	Exterior	PRKG	Parking
ADC	Automatic door closer	F		PROP	Property
ADH	Adhesive	FA	Fire alarm	PT	Pressure treated
ADJ	Adjacent	FACP	Fire alarm control panel	PT CONC	Post-tensioned concrete
ADMIN	Administration	FAS	Fascia	PID	Paper towel dispenser
AF	Above finished floor	FD	Floor drain	PVC	Polyvinyl chloride (plastic)
AGGR	Aggregate	FEC	Floor finish	Q	
AIA	American Institute of Architects	FF	Finish face	QTR	Quarter
ALM	Alum	FF EL	Finish floor elevation	QTY	Quantity
ALT	Alternate	FH	Fire hydrant	QUAD	Quadrant
ALUM	Aluminum	FIN	Finish	QUAL	Quality
APA	American Plywood Association	FIN FLR	Finish floor	R	
APPD	Approved	FIN GR	Finish grade	RAD	Radius
APROX	Approximate	FIXT	Fixture	RCP	Reflected ceiling plan
APT	Apartment	FL	Floor line	RD	Road
ARCH	Architect	FLG	Flooring	REBAR	Reinforcing steel bars
AUTO	Automatic	FLOUR	Fluorescent	RECT	Rectangle
AUX	Auxiliary	FOC	Face of concrete	REF	Refrigerator
AV	Audio visual	FOS	Face of stud	REQD	Required
AVE	Avenue	FPL	Fireplace	REST	Rest room
AWN WDW	Awning window	FRMG	Framing	RH	Right hand
B		FT	Feet	RLG	Room
BALC	Balcony	FTG	Footing	RM	Room
BAT	Bathtub	FURG	Furning	RO	Rough opening
BAY WDW	Bay window	FURN	Furnace	RS	Rough sawn
BC	Bottom chord	G		S	
BD	Board	GALV	Galvanized	SC	South
BD FT	Board feet	GALV STL	Galvanized steel	SC	Solid core
BEV	Bever	GL	Glass	SCHED	Schedule
BI FLD DR	Bifolding doors	GL BLK	Glass block	SD	Smoke detector
BKG	Backing	GLU LAM	Glued laminated wood	SECT	Section
BLDG	Building	GLZ	Glazing	SF	Shelf
BLT	Built-in	GYM	Gymnasium	SGD	Sliding glass door
BLVD	Boulevard	GW8	Gypsum wall board	SH	Single hung (window)
BLW	Below	H		SHR	Shower
BM	Beam	HB	Hose bib	SHTHG	Sheathing
BO		HC	Hollow core	SHV	Shelving
BOT	Bottom	HCP	Handicapped	SLD WND	Horizontal sliding window
BP	Building Paper	HD	Heavy duty	SND	Sanitary napkin dispenser
BRCC	Bedroom	HDR	Header	SPEC	Specification
BRDG	Bracing	HDWD	Hardwood	SQ	Square
BRG	Bracing	HF	Handlock fir	SQ IN	Square inch
BSMT	Basement	HGR	Hanger	SQ YD	Square yard
BT	Butt	HLDN	Holdown	ST	Street
BTR	Better	HNDRL	Handrail	STD	Standard
Btu	British thermal unit	HORIZ	Horizontal	STRG	Storage
BTWN	Between	HT	Height	STRUCT	Structural
C		HVY	Heavy	SUB FL	Subfloor
CTOC	Center to center	HW	Hot water	SURF	Surface
CAB	Cabinet	HWY	Highway	SUSP	Suspended
CANTILE	Cantilever	I		SWR	Sewer
CAP	Capacity	ID	Installation	SYM	Symbol
CD	Construction Documents	INSTL	Install	T	
CEM	Cement	INT	Interior	T&G	Tongue and groove
CHK	Check	IRC	International Residential Code	T/S	Tub/shower
CJ	Control joint	J		TD	Towel dispenser
CL	Center line	JAL	Jalousie	TEL	Telephone
CLG	Ceiling	J-BOX	Junction box	TEMP	Temporary
CLO	Closet	K		TF	Top of finished floor
CLR	Clear	KD	Thousand	TK	Thickness
CMPTR	Computer	KIN	Kind	TO FND	Top of foundation
CMU	Concrete masonry unit	KIT	Kitchen	TOC	Top of concrete
CNR	Corner	KO	Knockout	TOPO	Topography
CNTR	Counter	L		TOS	Top of slab
COL	Column	LCL	Linen closet	TPD	Toilet paper dispenser
CONC	Concrete	LAM	Laminated	TRANS	Transom
CONC FLR	Concrete floor	LATL	Lateral	TV	Television
CONSTR	Construction	LAV	Lavatory	TPY	Typical
CONT	Continue	LBR	Lumber	U	
CR	Closet rod	LC	Laundry chute	UBC	Uniform Building Code
CSMT	Casement	LD BRG	Load-bearing	UFC	Uniform Fire Code
CSWK	Casework	LF	Linear feet	UMC	Uniform Mechanical Code
CTR	Center	LIN	Linear	UP	Utility pole
CTRL	Control	LL	Live load	UPC	Uniform Plumbing Code
CTV	Cable television	LR	Living room	UR	Urinal
CU	Cubic	LRG	Large	UTIL	Utility
CU FT	Cubic feet	LT	Light	V	
CU YD	Cubic yard	LT WT	Lightweight	VB	Vinyl base
D		M		VENT	Ventilation
D	Penny (nail)	MATL	Material	VERT	Vertical
D-B	Design build	MAX	Maximum	VOL	Volume
DBL	Double	MBR	Master bedroom	VERFY	Verify
DEMO	Demolition	MECH	Mechanical	VERFY	Verify
DEFT	Department	MFD	Manufactured	W	
DFTG	Drafting	MN	Minimum	W	West
DH	Double hung	MTL	Metal	W/	With
DIA	Diameter	MW	Microwave	W/O	Without
DIM	Dimension	N		WC	Water closet
DIST	Distance	N	North	WD	Wood
DJ	Double joint	NO	Number	WDW	Window
DL	Dead load	NIS	Not to scale	WH	Water heater
DF	Douglas fir	O		WL	Water line
DR	Down spout	OC	On center	WP	Weatherproof
DW	Dishwasher	OH	Overhang	WSCT	Warescot
DWG	Drawing	OPT	Optional	WT	Weight
DX OUT	Duplex outlet	OUT	Outlet	WTR	Water
E		P		WWF	Wire welded fabric
E	East	PERIM	Perimeter	X	
EA	Each	PL	Property line	XL	Extra large
EH	Electric heater	PLYWD	Plywood	Y	
EJ	Expansion joint	PREFAB	Prefabrication	YD	Yard
ELEC	Electric	PRELIM	Preliminary	YR	Year
ENGR	Engineer	PRKG	Parking	Z	
ENG	Engineer	PT	Pressure treated	N/A	NA
EOS	Edge of slab	PTD	Paper towel dispenser		
EQ	Equal	PVC	Polyvinyl chloride (plastic)		

ABBREVIATIONS

GENERAL NOTES

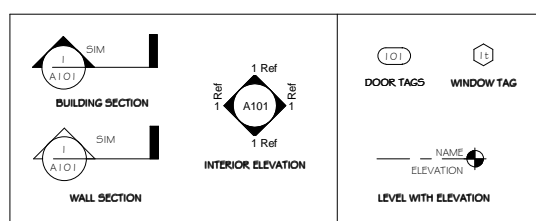
- All construction to comply with the current release of the International Residential Code (IRC) and all other appropriate codes and standards. The IRC takes precedence over drawings.
- Plans and dimensions to be checked and verified by contractor prior to construction. Avoid scaling distances off of the prints as plans may expand during reproduction.
- Building codes are subject to change and varying interpretation. Every effort has been made to insure these plans comply with local and state regulations and codes.
- The permit process includes plan review by the building department with jurisdiction over the building site.
- Contractor shall verify all existing dimensions, member sizes, and conditions prior to commencing any work.
- All wood exposed to the weather, including decks, railings, joists, beams, and posts shall be pressure treated or cedar. All fasteners and hardware in contact with pressure treated lumber shall be hot-dipped galvanized, G185 galvanized, z-max or equivalent.
- Unless otherwise indicated, all new interior walls are standard 2x4 wood frame construction with 1/2" gypsum wall board.
- Provide cedar blocking @ all exterior wall penetrations. (Hose bibs, Electrical outlets, and fixtures). Provide and install head flashing above all projecting wood trim. All window and door openings shall be made water-resistant and flashed according to manufacturer's installation instructions. I.R.C. Section 612.1
- All railing shall comply with railing schedules in the I.R.C., as indicated in structural notes. Provide and install metal nailing plates adjacent to all plumbing.
- DESIGN AND LOAD CRITERIA:**

LIVE LOADS:	DEAD LOADS:
Floors = 40 P.S.F.	Floors = 10 P.S.F.
Decks = 40 P.S.F.	Decks = 5 P.S.F.
Stairs = 40 P.S.F.	Stairs = 10 P.S.F.
Snow = 25 P.S.F.	Roof = 10 P.S.F.
	(Composition roofing)
	25 P.S.F. (concrete tile)



772 TOTAL SQUARE FEET
FRONT PORCH: 84 TOTAL SQUARE FEET
REAR PORCH: 54 TOTAL SQUARE FEET

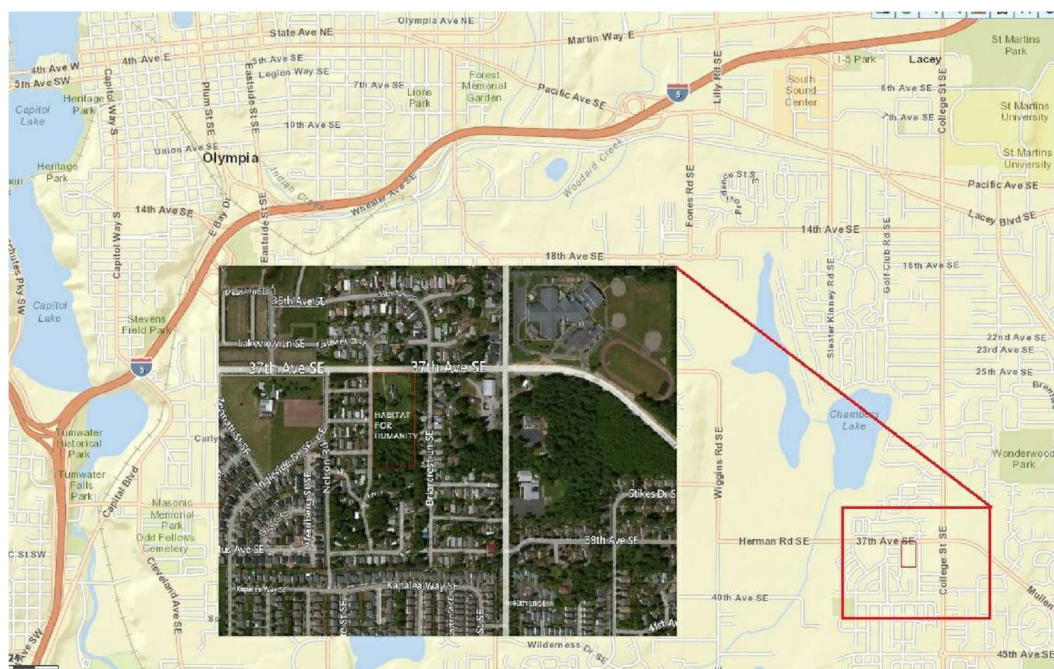
SYMBOL LEGEND



Sheet List	
Sheet Number	Sheet Name
G001	COVER SHEET
A101	FLOOR PLAN
A102	ROOF PLAN
A103	ELEVATIONS
A301	BUILDING SECTIONS
S101	FOUNDATION PLAN
S103	LATERAL PLAN
S104	FLOOR FRAMING

ENERGY CODE NOTES

- A Washington State Energy label shall be posted within 3'-0" of electrical distribution panel. WSEC 105.4
- A Blower Door test shall be completed on finished building. WSEC 502.4.4
- WSEC Chapter 9 credit is category **1A**.
- All exterior lighting installed shall be of an energy efficient design (IECC 2012).
- All wall heaters shall be installed with a programmable thermostat.
- All installed windows and doors shall have a "U" value of Class .30 or less for windows and a "U" value of Class .20 or less for doors.



**South Puget Sound
Habitat for Humanity**

415 Olympia Ave NE
Olympia, WA 98501
(360) 958-3456 phone
(360) 958-3415 fax

**SOUTH PUGET SOUND
COMMUNITY COLLEGE**
Olympia, WA 98512-8292
(360) 754-7711 FAX
(360) 754-7711
www.spcc.edu

3-D Modeling/Construction Documents/CLAD/IBMA
Technology students, staff and faculty volunteers from
South Puget Sound Community College.

PROJECT: **COTTAGE**
37th Ave SE Lacey Wa 98503

PROJECT #: HFH 4BDRM STATUS: Preliminary

REVISIONS		
#	DESCRIPTION	DATE

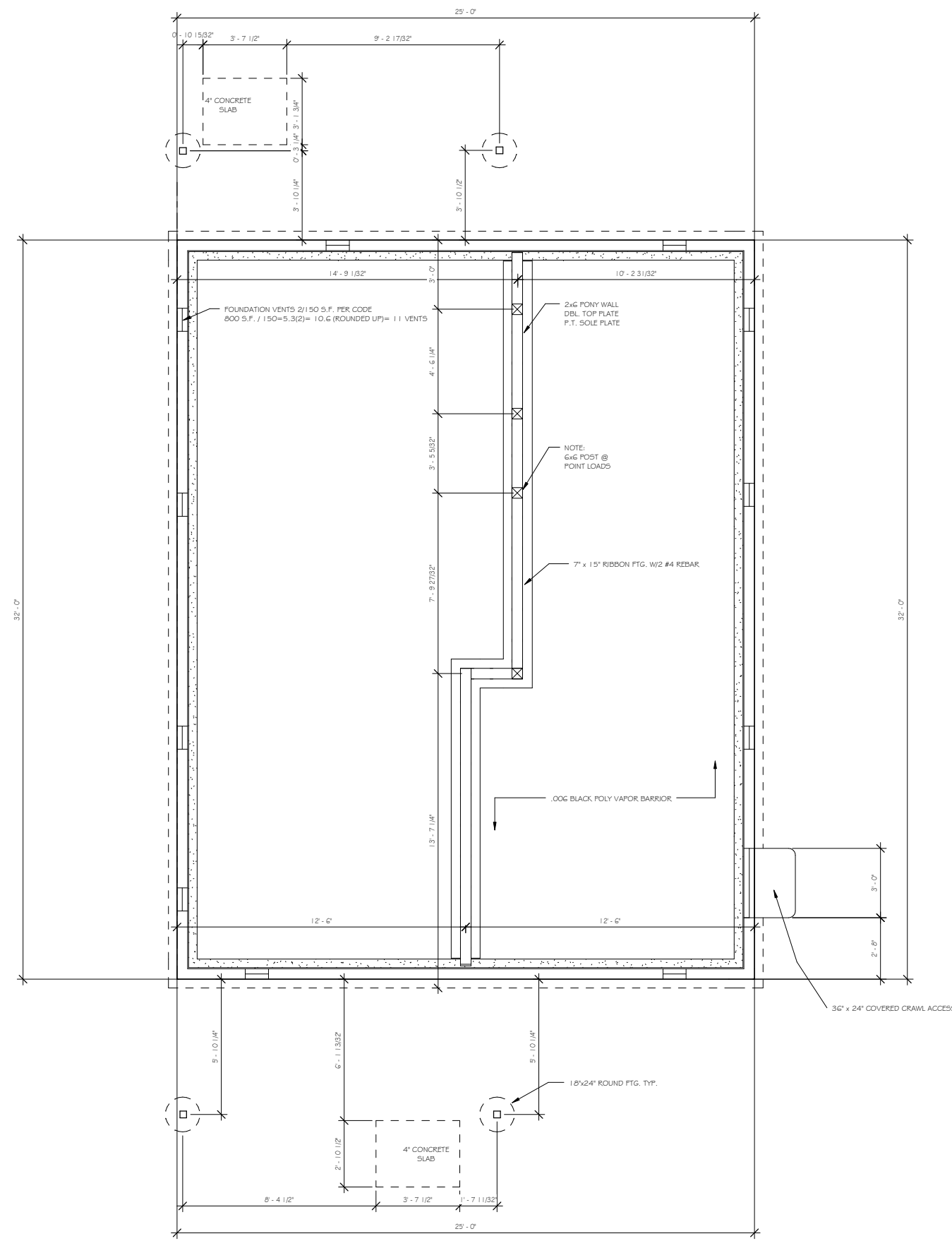
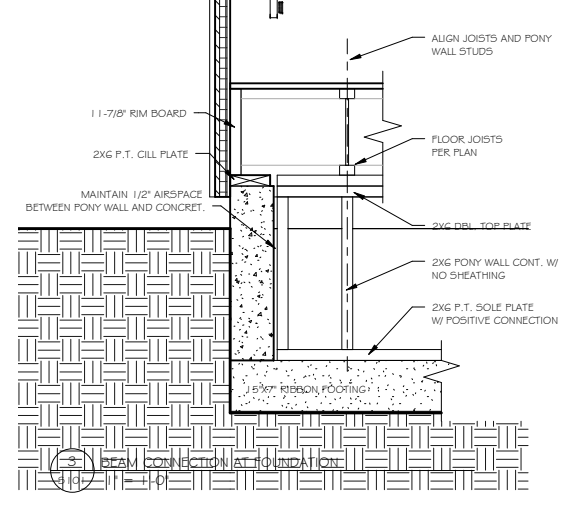
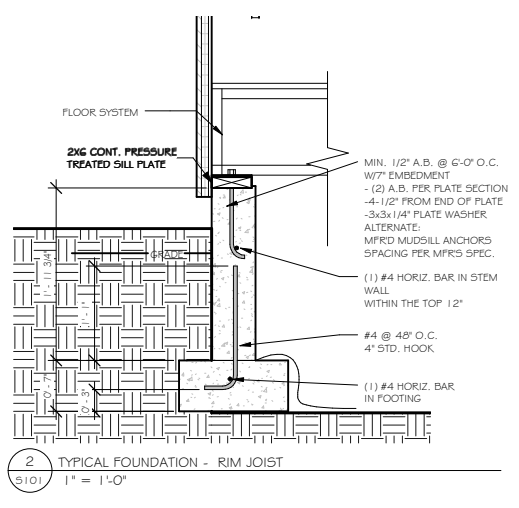
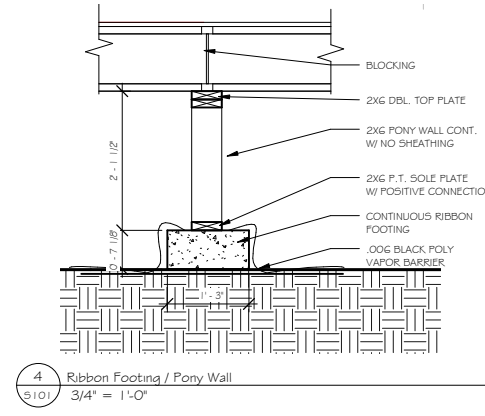
SHEET SCALE:
As indicated
6/18/2013 11:09:29 AM

SHEET TITLE:
COVER SHEET

G001

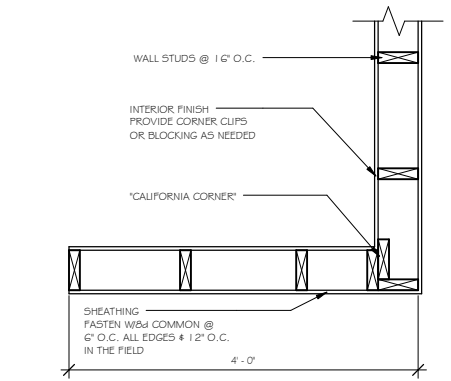
GENERAL NOTES - FOUNDATIONS

1. THE DEFAULT SOIL LOAD-BEARING VALUE IS 1500 PSF. BUILDING OFFICIAL MAY DETERMINE THE IN PLACE SOILS MAY HAVE LESS CAPACITY THAN 1500 PSF AND MAY REQUIRE BEARING CAPACITY TO BE DETERMINED BY A SOILS INVESTIGATION.
2. FOR ALL BUILDINGS, PLATE WASHERS A MINIMUM OF 1/4" x 3" x 3" IN SIZE SHALL BE PROVIDED BETWEEN THE FOUNDATION SILL PLATE AND THE NUT.
3. ALL FOUNDATION POST COLUMNS REQUIRE A POSITIVE CONNECTION AT THE BOTTOM END TO PREVENT LATERAL DISPLACEMENT.
4. EXCEPT FOUNDATION WALLS SUPPORTING LESS THAN 4'-0" OF UNBALANCED BACKFILL, THE BACKFILL SHALL NOT BE PLACED AGAINST THE FOUNDATION WALL UNTIL IT HAS CURED FOR 14 DAYS.
5. THE GRADE AWAY FROM THE FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
6. FOUNDATION WALLS THAT RETAIN EARTH AND ENCLOSE HABITABLE OR USABLE SPACES LOCATED BELOW GRADE SHALL BE DAMP PROOFED FROM THE TOP OF THE FOOTING TO THE FINISHED GRADE.
7. ALL LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED OR HAVE A 45# FELT BARRIER OR EQUIVALENT.
8. ANY DETAIL SHOWING A "SIMPSON" CONNECTOR MAY HAVE THE CONNECTOR REPLACED WITH ANOTHER MANUFACTURED CONNECTOR WITH EQUAL OR GREATER SPECIFICATIONS.
9. VERIFY ALL LATERAL BRACING REQUIRED CONNECTORS TO AVOID CONFLICTS WITH REQUIRED FOUNDATION SCREENED VENTS AND ACCESS WELLS.
10. MINIMUM FOOTING DEPTHS:
ONE-STORY: 12" BELOW UNDISTURBED SOIL
TWO-STORY: 18" BELOW UNDISTURBED SOIL

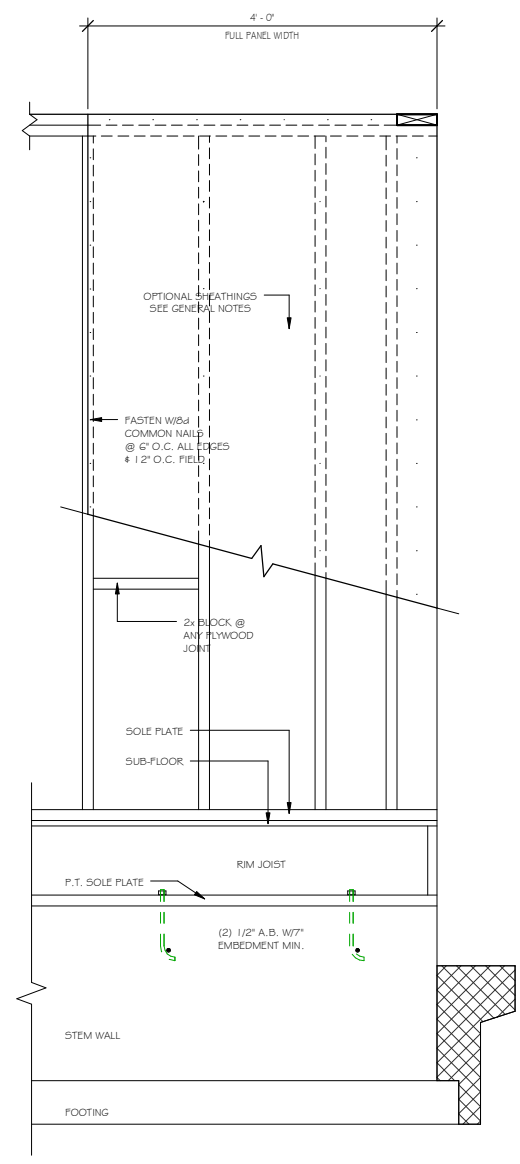


1 Foundation Plan
3/8" = 1'-0"

#	REVISIONS DESCRIPTION	DATE



1 STANDARD LATERAL PANEL ELEVATION
1" = 1'-0"



2 STANDARD LATERAL PANEL ELEVATION
1" = 1'-0"

GENERAL NOTES - LATERAL BRACING
BRACED WALL LINE AND BRACED WALL LOCATIONS
 1. BUILDINGS SHALL BE PROVIDED WITH EXTERIOR AND INTERIOR BRACED WALL LINES. BRACED WALL LINE SPACING SHALL NOT EXCEED 25'-0" IN BOTH DIRECTIONS EACH STORY. NOTE: THURSTON COUNTY EXEMPTS ONE 300 S.F. LIVING SPACE AREA ON EACH FLOOR FROM INTERIOR LATERAL BRACED WALL LINE COMPLIANCE.
 2. BRACED WALL LINES SHALL CONSIST OF BRACED WALL LINES ACCORDING TO DETAILS PROVIDED AND IF MORE THAN ONE OFFSET OCCURS IN THE SAME INTERIOR BRACED WALL LINE, THE CODE LIMITS THE SUM OF THE OFFSETS TO 8 FEET.
 3. BRACED WALL PANELS SHALL START AT NO MORE THAN 8" FROM EACH END OF A BRACED WALL LINE. THE CODE LIMITS THE SUM OF THE OFFSETS TO 8 FEET.
 4. ONE STORY BUILDINGS MUST HAVE 20% OF THE EXTERIOR WALL AREA CONSIST OF BRACED WALL PANELS. THE FIRST STORY OF A TWO-STORY BUILDING MUST HAVE 45% OF THE EXTERIOR WALL AREA CONSIST OF BRACED WALL PANELS IN ADDITION TO THE SECOND FLOOR HAVING A MINIMUM OF 20% WALL PANEL AREA.

CONSTRUCTION OF BRACED WALL PANELS
 1. OPTIONAL SHEATHING MATERIALS:
 A. WOOD STRUCTURAL PANEL SHEATHING WITH A THICKNESS NOT LESS THAN 5/16" FOR 16" O.C. SPACING AND NOT LESS THAN 3/8" FOR A 24" O.C. STUD SPACING.
 B. G.W.B. 1/2" THICK AND 4'-0" WIDE ON STUDS NO MORE THAN 24" O.C. NAILS @ 7" O.C. HARDBOARD PANEL SIDING.
 2. BRACED WALL PANEL SOLE PLATES SHALL BE FASTENED TO THE FLOOR FRAMING AND TOP PLATES SHALL BE CONNECTED TO THE FRAMING ABOVE WITH 1 6d @ 16" O.C. ALL VERTICAL JOINTS OF PANELS SHEATHING SHALL OCCUR OVER STUDS. HORIZONTAL JOINTS SHALL OCCUR OVER 1-1/2" BLOCKING MINIMUM.

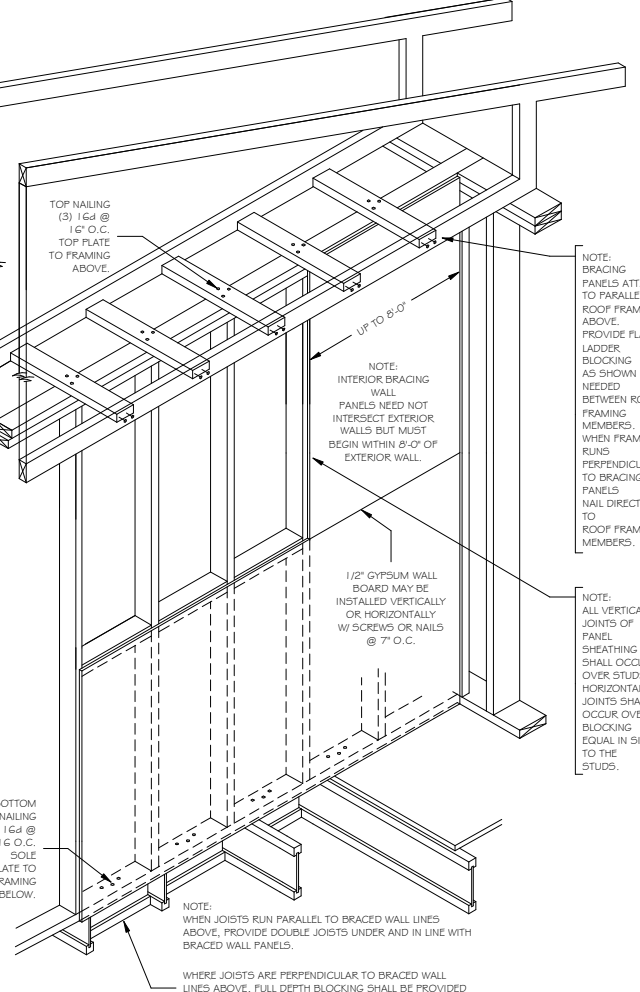
CONSTRUCTION OF ALTERNATE BRACED WALL PANELS
 1. IN ONE STORY BUILDINGS, ALTERNATE PANELS SHALL BE NOT LESS THAN 2'-0" WIDE WITH 10' MAX. HEIGHT. TWO ANCHOR BOLTS PER PANEL WITH EACH PANEL END STUD CONNECTED TO THE FOUNDATION WITH A TIE-DOWN DEVICE PROVIDING AN UPLIFT CAPACITY OF AT LEAST 1,000 LBS.
 2. IN THE FIRST STORY OF TWO STORY BUILDINGS, EACH PANEL SHALL BE PROVIDED WITH WOOD STRUCTURAL PANEL SHEATHING ON BOTH SIDES WITH MINIMUM TIE-DOWN DEVICE UPLIFT CAPACITY OF 3,000 LBS. ALL REQUIRED BRACED WALL PANELS IN BUILDINGS WITH PLAN DIMS. GREATER THAN 50' SHALL BE SUPPORTED BY CONTINUOUS FOOTINGS.

3 GENERAL NOTES - LATERAL BRACING
1" = 1'-0"

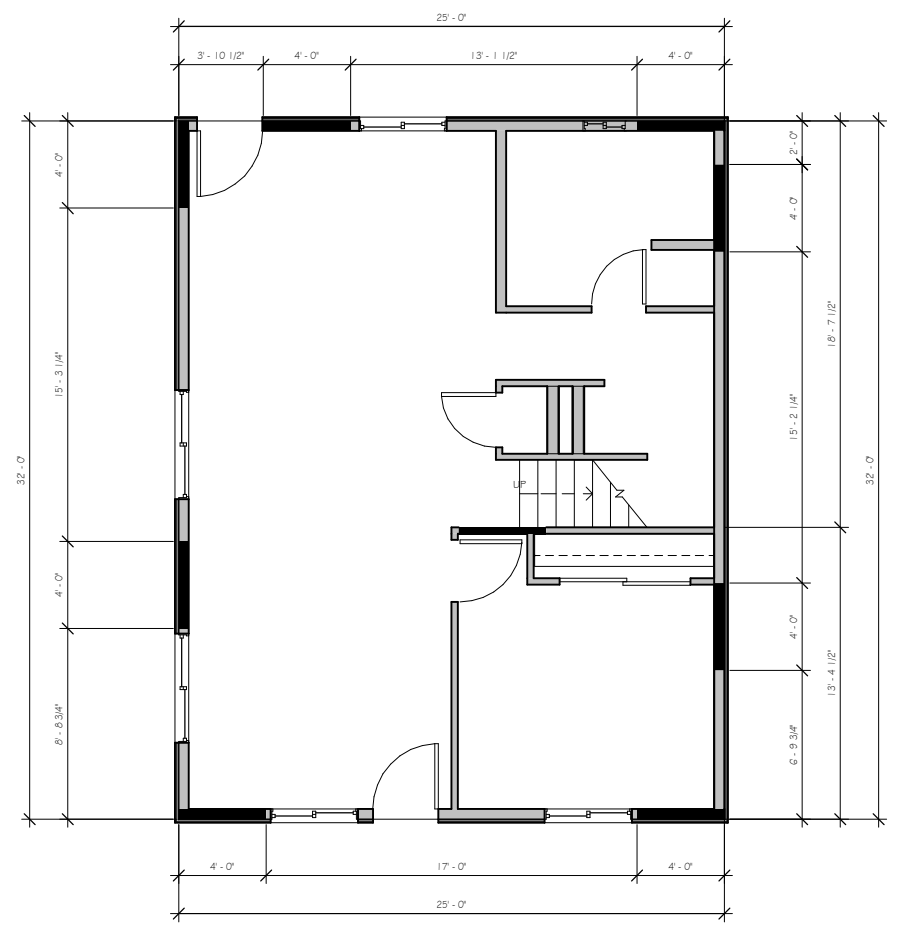
LATERAL BRACED WALL PANEL SYMBOL INDEX

	STANDARD 2x4 FRAMED 4'-0" LATERAL PANEL *TYPICALLY USED ON INTERIOR WALLS
	STANDARD 2x6 FRAMED 4'-0" LATERAL PANEL
	ALTERNATE 2x4 FRAMED 3'-2" LATERAL PANEL *TYPICALLY USED ON GARAGE WALLS MINIMUM SIZES MAY VARY
	ALTERNATE 2x6 FRAMED 3'-2" LATERAL PANEL MINIMUM SIZES MAY VARY

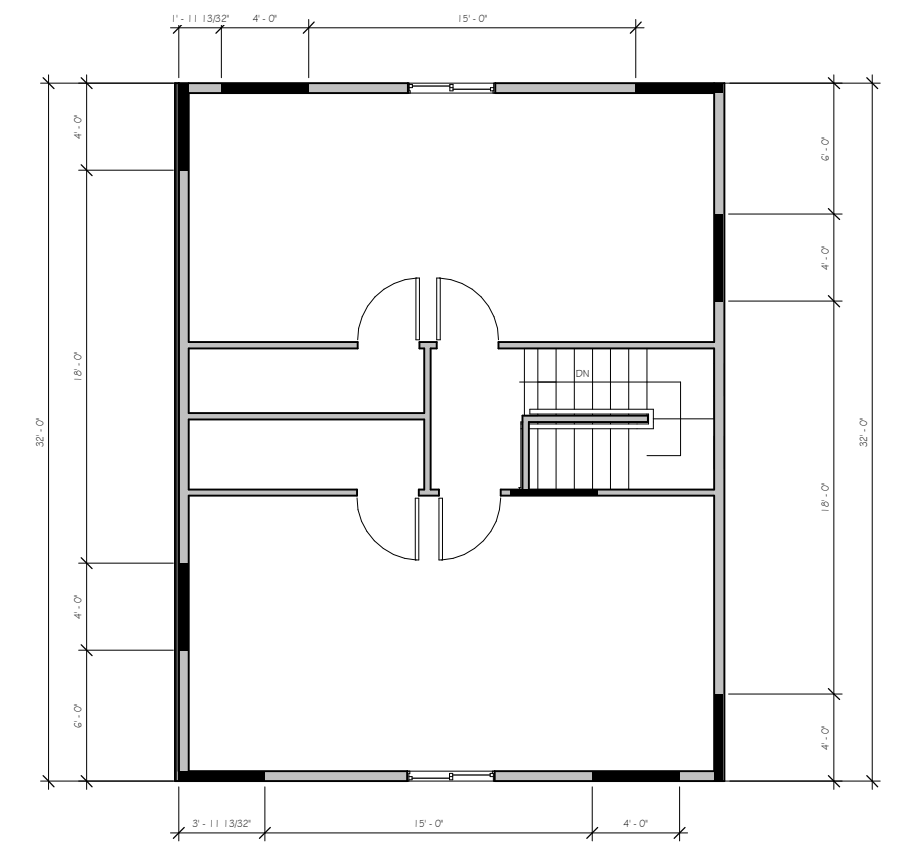
4 LATERAL BRACED WALL PANEL SYMBOL INDEX
3/4" = 1'-0"



5 STANDARD LATERAL PANEL INTERIOR
1" = 1'-0"



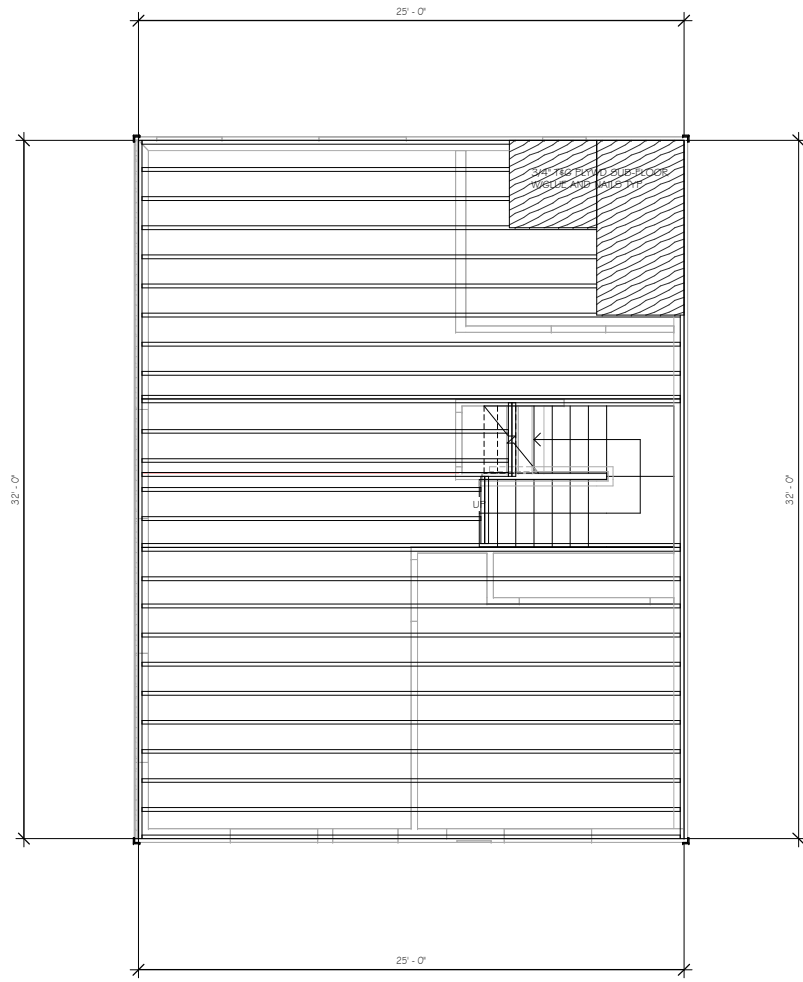
6 LATERAL PLAN 1ST FLOOR
1/4" = 1'-0"



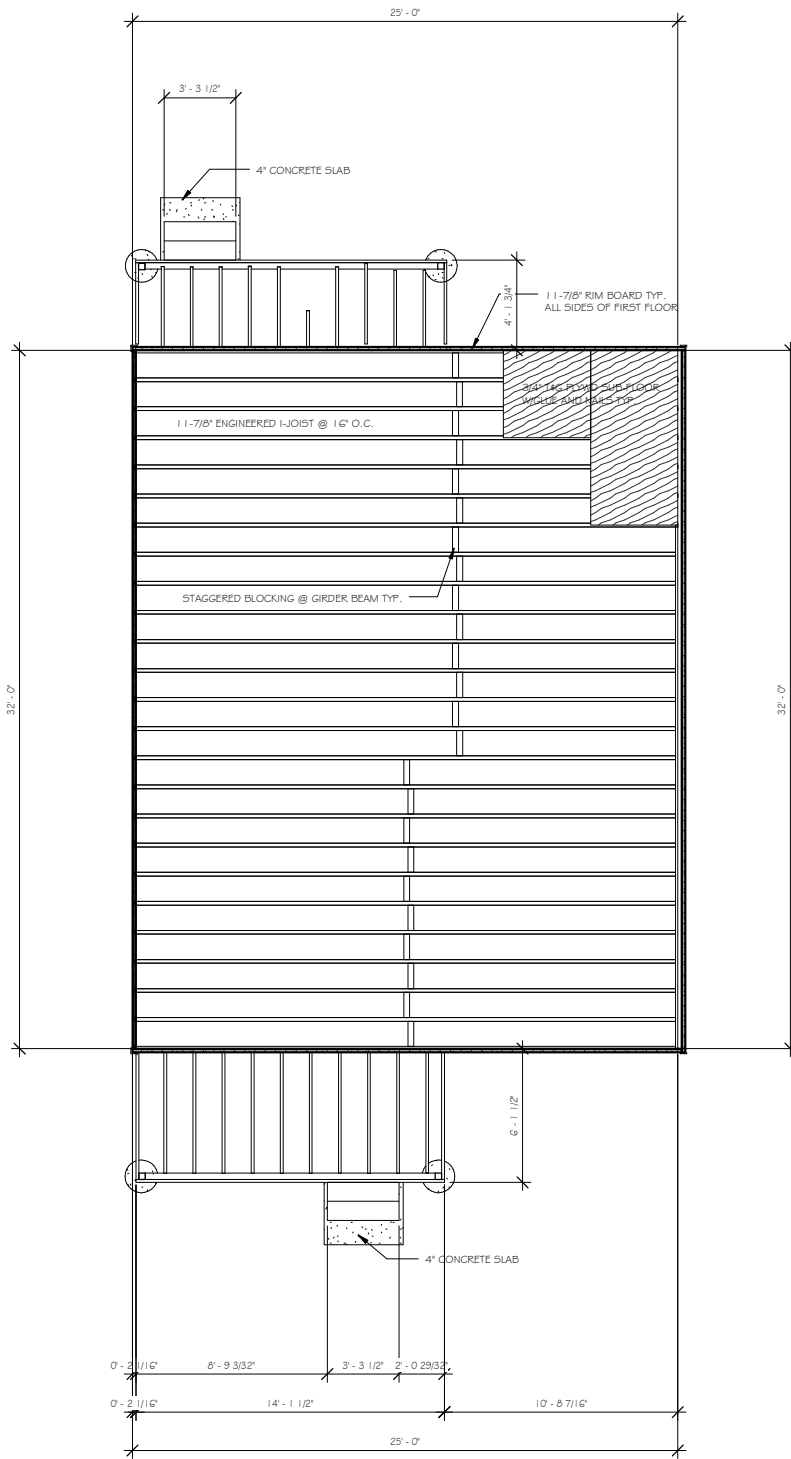
7 LATERAL PLAN 2ND FLOOR
1/4" = 1'-0"

LATERAL PLAN

#	REVISIONS DESCRIPTION	DATE



2 Floor Framing Plan 2nd Floor
S104 1/4" = 1'-0"



1 Floor Framing Plan 1st Floor
S104 1/4" = 1'-0"

FLOOR FRAMING

PROJECT:

COTTAGE
37th Ave SE Lacey Wa 98503

PROJECT #: HFH 4BDRM STATUS: Preliminary

REVISIONS

#	DESCRIPTION	DATE

SHEET SCALE:
1/4" = 1'-0"

6/18/2013 11:09:31 AM

SHEET TITLE:
FLOOR FRAMING

S104



**SOUTH PUGET SOUND
COMMUNITY COLLEGE**

Olympia, WA 98512-8292
(360) 754-7711
www.spucc.edu

3-D Modeling, Construction Documents, CAD, BIM,
Technology Students, staff and faculty volunteers from
South Puget Sound Community College.



**South Puget Sound
Habitat for Humanity®**

415 Olympia Ave NE
Olympia, WA 98501
(360) 956-3456 phone
(360) 956-3415 fax