STEINAKER STATE PARK
FEE STATION/OFFICE
DFCM# 07028510

DFCM DESIGN AND CODE CRITERIA

(Fee A.E: Attach and fill in applicable data for each drawing submittal)

Applicable Codes:	Year		Year
International Building Code		International Mechanical Code	
Planning & Design Criteria to Prevent Architectural Barriers for the Aged and the Physically Handicapped.		International Plumbing Code	
		Ashrae/IES Energy Code	
		National Electrical Code	

A. Occupancy and Group : B / S-1 _____ EXISTING _____

Change in Use : Yes ____ No ____ Mixed Occupancy : Yes ____ No ____

B. Type of Construction (Circle) EXISTING I F.R. | II F.R. | II 1 HR. | II B | III 1 HR. | III N | IV H.T. | V 1 HR. | V N

C. Location on Property : F.R. Ext. Walls (Hrs.): _____ Ext. Wall Opening(s) Protection (Hrs.) _____

D. Occupancy separation required (Hrs.): Each Occupancy

Sprinklered: Indicate Yes or No

Stories : 1 or multiple

a. Actual Area² (ft) EXISTING

b. Basic allowable area : EXISTING N.A.

c. Allowable Area Increase due to side yards: N.A.

%	Area (ft²)	%	Area (ft)	%	Area (ft)

d. Side yard area increase (ft):
Accumulative sub-total (b=d):
Sprinkler: area increase (x3 single)
(x 2 multi)

e. Total Allowable Area for a single story:
x 2 for multi-story building:

f. Ratio = a/e
(Actual divided by allowable)

E. Fire-Resistive Requirements (Hrs.): (1 Hr., 2Hr., 3Hr., 4Hr., N. H.T.)

Exterior Bearing Walls:		Floors - Ceiling Floors	
Interior Bearing Walls:		Roofs - Ceiling Roofs	
Exterior Non-bearing Walls:		Exterior Doors and Windows	
Structural Frame:		Shaft Enclosures	
Partitions - Permanent:			

(OCCUPANCY SEPARATION - N.A.)

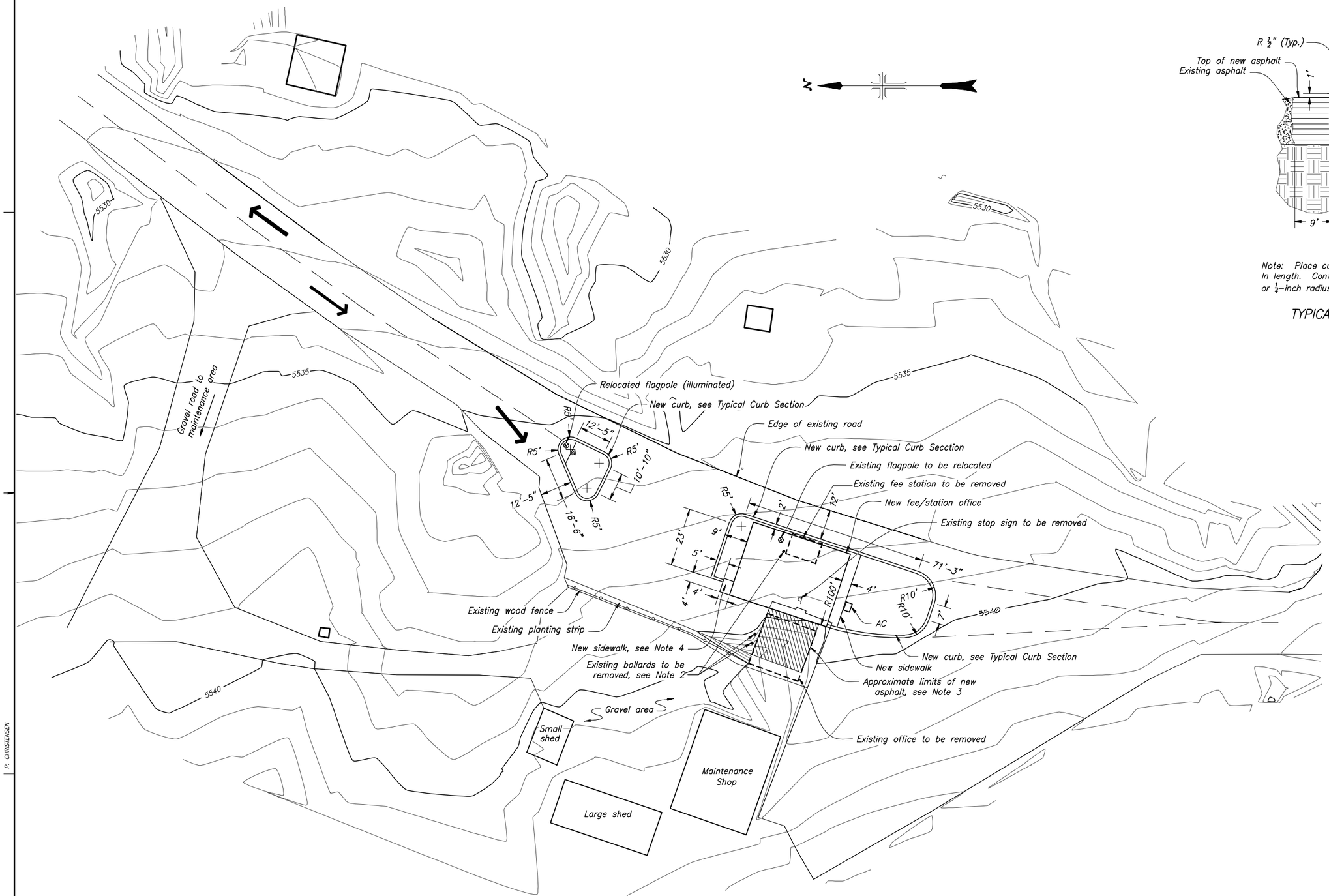
State of Utah—Department of Administrative Services

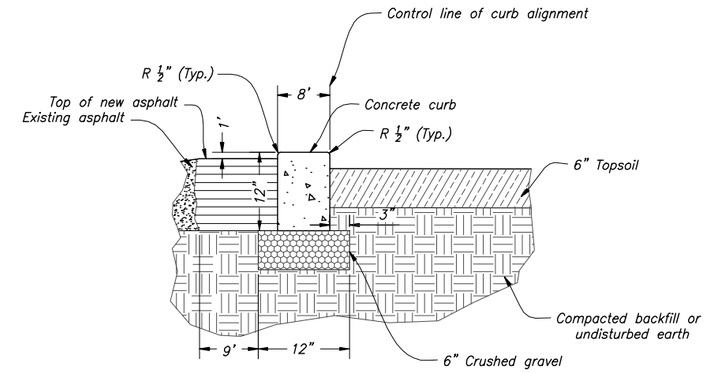
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

4110 State Office Building / Salt Lake City, Utah 84114 / 538-3018

DRAWING INDEX:

TITLE	TITLE PAGE
325-400-313	SITE AND DEMOLITION PLAN
325-400-314	MAIN FLOOR PLAN
325-400-315	FOUNDATION PLAN
325-400-316	ELEVATIONS
325-400-317	ROOF FRAMING AND SHEAR WALL PLAN
325-400-318	ELECTRICAL PLAN
325-400-319	WALL SECTION





Note: Place control joints in curbs over 30 ft. In length. Control joints may be either saw cut or ¼-inch radius tool.

TYPICAL CURB SECTION

NOTES

1. Contour interval is 1 foot.
2. Existing bollards and wheelstops should be removed before demolition of existing fee and office buildings.
3. Place 3 inches of asphalt over 6 inches of base material.
4. Concrete sidewalk shall extend 1 foot beyond the door opening.
5. Outdoor lighting required for the flagpole.

REFERENCE DRAWINGS

MAIN FLOOR PLAN	325-400-314
FOUNDATION PLAN	325-400-315
ELEVATIONS	325-400-316
ROOF FRAMING & SHEAR WALL PLAN	325-400-317
ELECTRICAL PLAN	325-400-318
WALL SECTION	325-400-319

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CENTRAL UTAH PROJECT
VERNAL UNIT - UTAH

STEINAKER STATE PARK
FEE STATION/OFFICE

SITE AND DEMOLITION PLAN

DESIGNED /S/ JOHNN STERZER CHECKED /S/ JAY BYTHEWAY, P.E.
DRAWN /S/ DIANNE LOFT TECH. APPR. /S/ CARY SOUTHWORTH, P.E.
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. - PEER REVIEWER

SALT LAKE CITY, UTAH 2007-01-16 325-400-313

P. CHRISTENSEN

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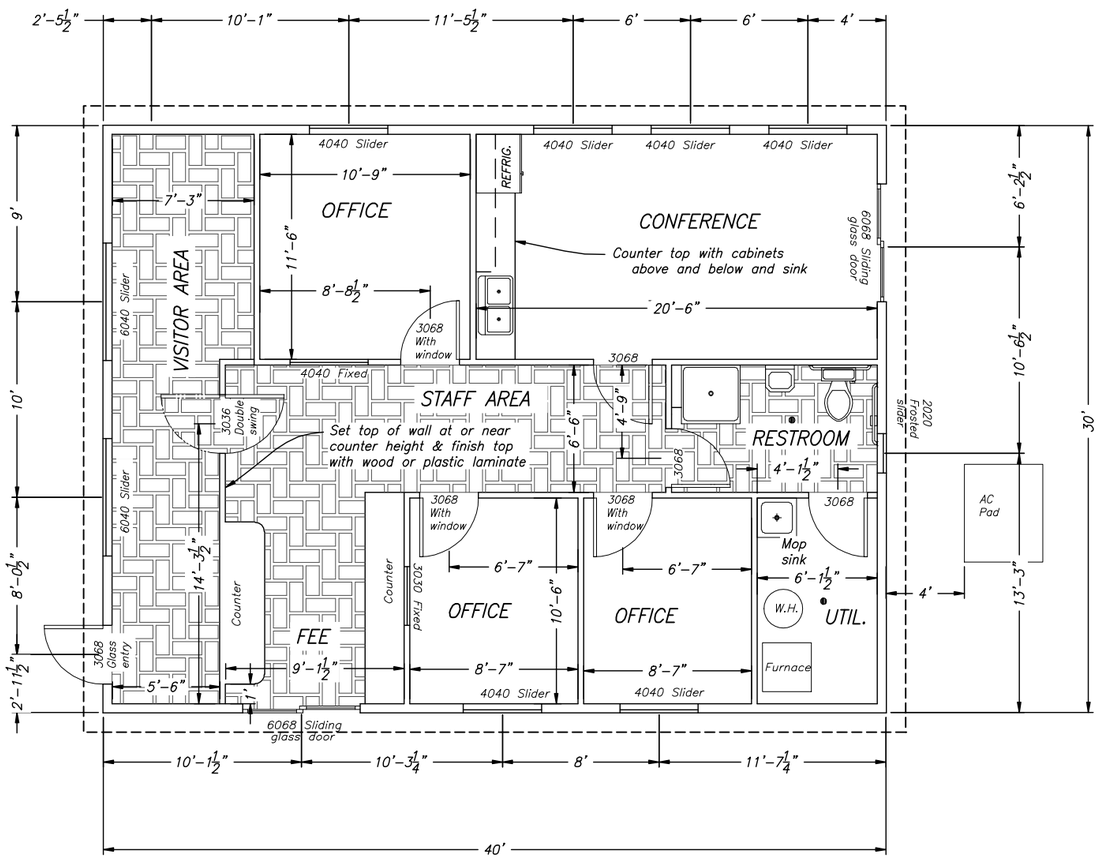

MAIN FLOOR PLAN

SQUARE FOOTAGE = 1200

NOTES

1. Construct in accordance with the 2006 IBC.
2. The plan shown indicates the desired number of fixtures and approximate dimensions. Minor modifications to the plan will be allowed if submitted and approved.
3. Counters and cabinet tops shall have a plastic laminate finish. Cabinets shall be the plastic laminate type. Colors to be selected by State Parks.
4. Restroom door shall be a self closing door. Glass front doors shall be equipped with closers.
5. Provide ceramic tile in the restroom, staff, visitor, and fee collection areas. Utility room floor to remain unfinished. Provide commercial grade carpet at all other locations. Base boards in the restroom shall be ceramic tile.
6. Building shall be completely finished.
7. Provide soap and towel dispensers in the restroom near the sink.
8. Provide an attic access in the staff area.
9. Connect the building sewer to the existing septic tank servicing the dump station.
10. Heat tape rain gutter and down spouts.
11. Furnace shall be 90 percent efficient.
12. Use 5/8" thick gypsum wallboard throughout the building.
13. Place a 4 foot wide concrete sidewalk in front of the conference room sliding door as per Drawing 325–400–313.

REFERENCE DRAWINGS

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1 0 5 10 15
SCALE OF FEET

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STEINAKER STATE PARK
FEE STATION/OFFICE
MAIN FLOOR PLAN

DESIGNED /S/ JAY BYTHEWAY, P.E. CHECKED /S/ BENJAMIN A. RADCLIFFE
DRAWN /S/ JAY BYTHEWAY, P.E. TECH. APPR. /S/ CARY SOUTHWORTH, P.E.
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. – PEER REVIEWER

SALT LAKE CITY, UTAH 2007–01–06 325–400–314

P. CHRISTENSEN

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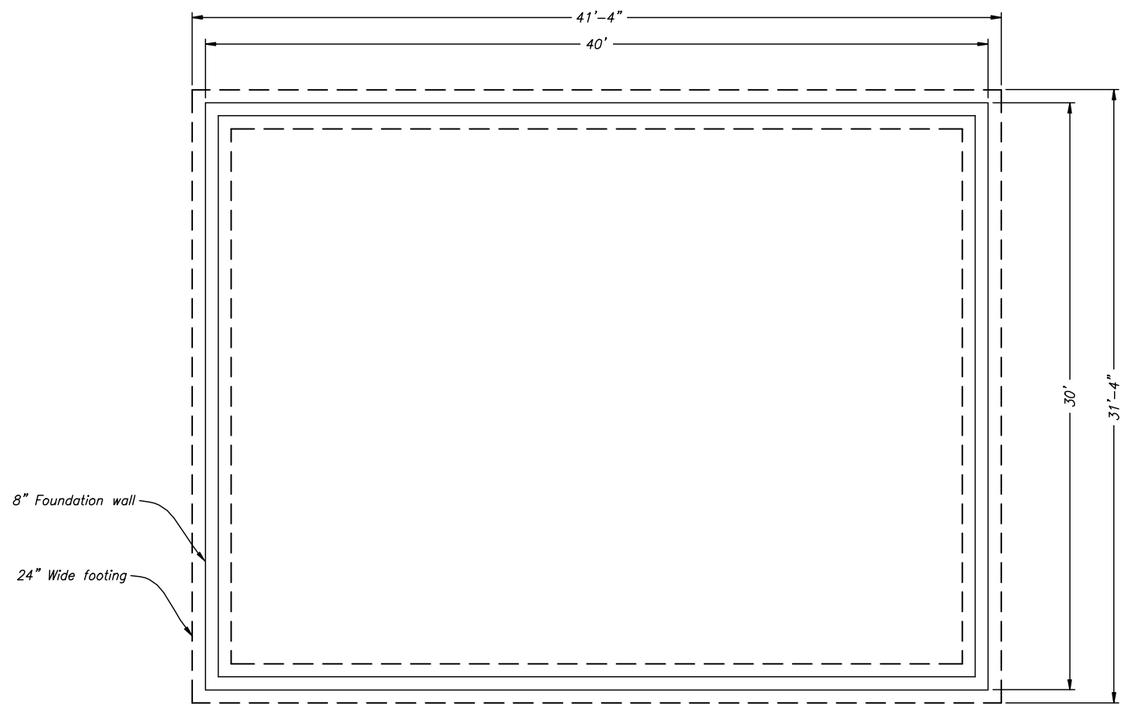

FOUNDATION PLAN

NOTES

1. 5/8–inch foundation J bolts required every 36 inches.
2. Simpson STHD10 or equal holdowns required. See the shear wall plan for holdown locations.

REFERENCE DRAWINGS

MAIN FLOOR PLAN	325–400–314
ELEVATIONS	325–400–316
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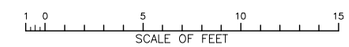

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CENTRAL UTAH PROJECT
VERNAL UNIT – UTAH

STEINAKER STATE PARK
FEE STATION/OFFICE
FOUNDATION PLAN

DESIGNED /S/ JAY BYTHEWAY, P.E. CHECKED /S/ BENJAMIN A. RADCLIFFE
DRAWN /S/ JAY BYTHEWAY, P.E. TECH. APPR. /S/ CARY SOUTHWORTH, P.E.
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. – PEER REVIEWER

SALT LAKE CITY, UTAH 2007–01–06 325–400–315

P. CHRISTENSEN

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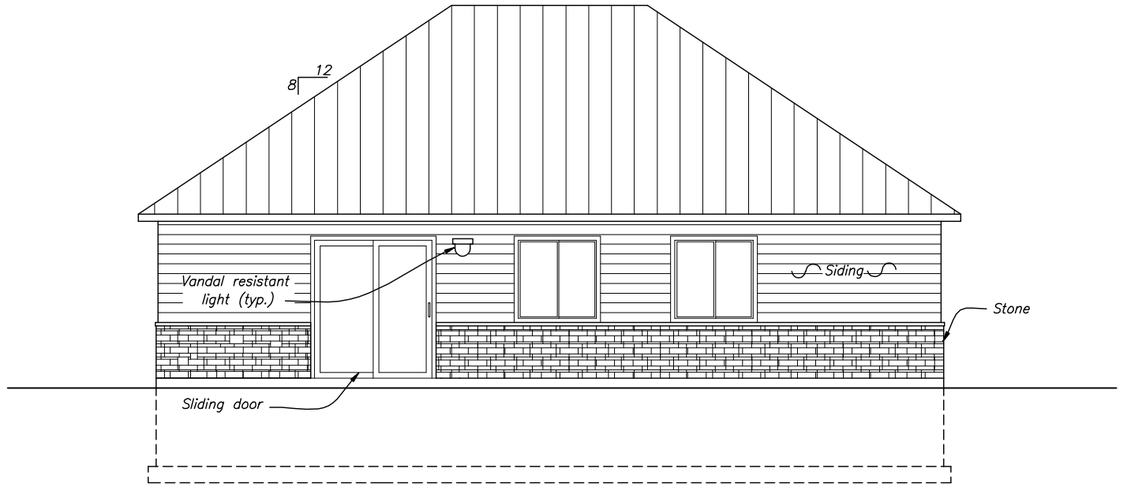
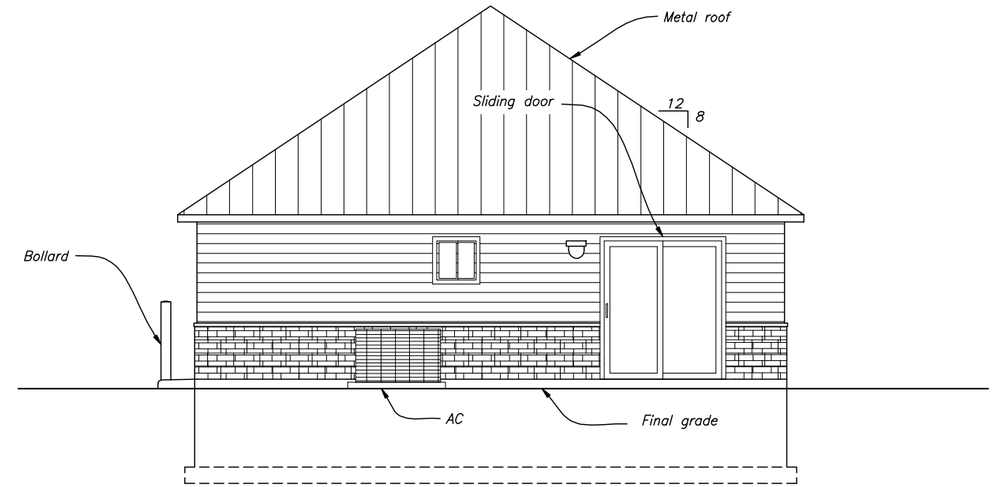
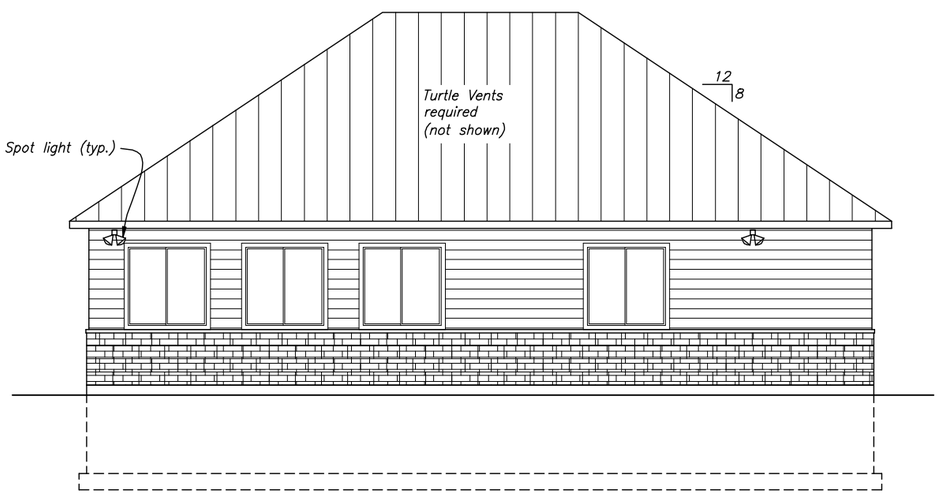


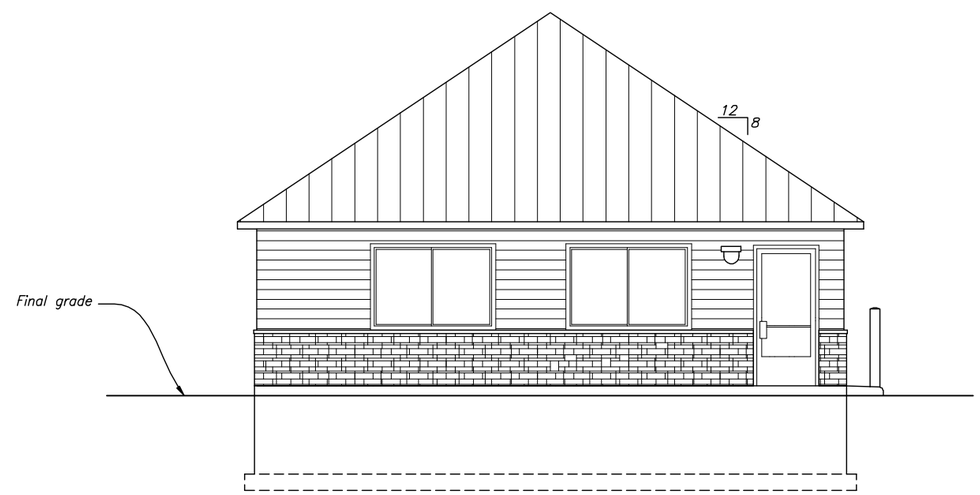
FRONT ELEVATION



RIGHT ELEVATION



BACK ELEVATION



LEFT ELEVATION

REFERENCE DRAWINGS

MAIN FLOOR PLAN	325-400-314
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VERNAL UNIT - UTAH

STEINAKER STATE PARK
FEE STATION/OFFICE

ELEVATIONS

DESIGNED /S/ JAY BYTHEWAY, P.E. CHECKED /S/ BENJAMIN A. RADCLIFFE
DRAWN /S/ JAY BYTHEWAY, P.E. TECH. APPR. /S/ CARY SOUTHWORTH, P.E.
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. - PEER REVIEWER

SALT LAKE CITY, UTAH 2007-01-06 325-400-316

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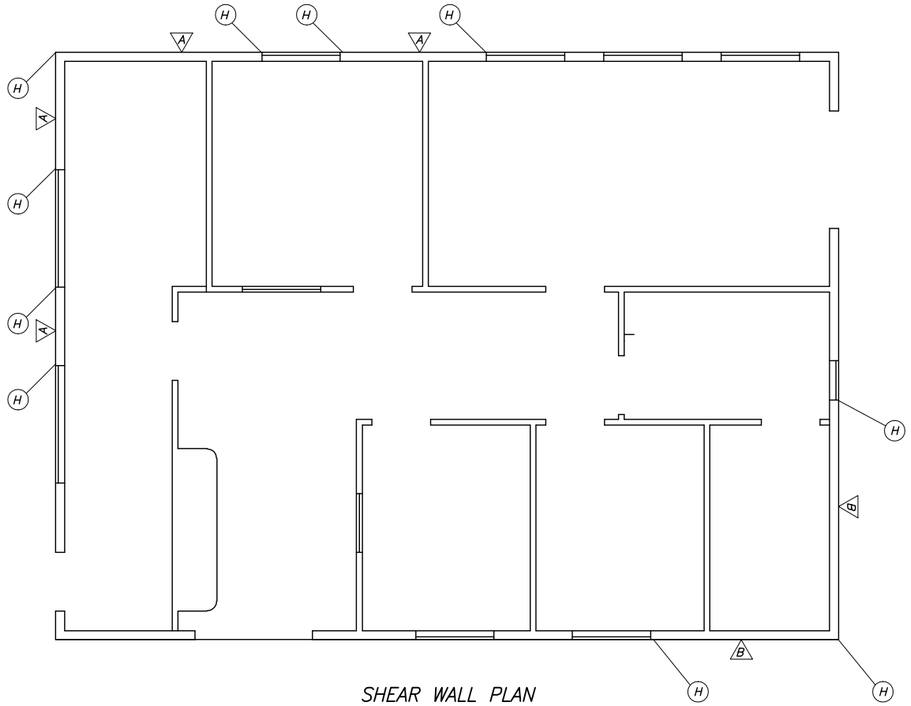
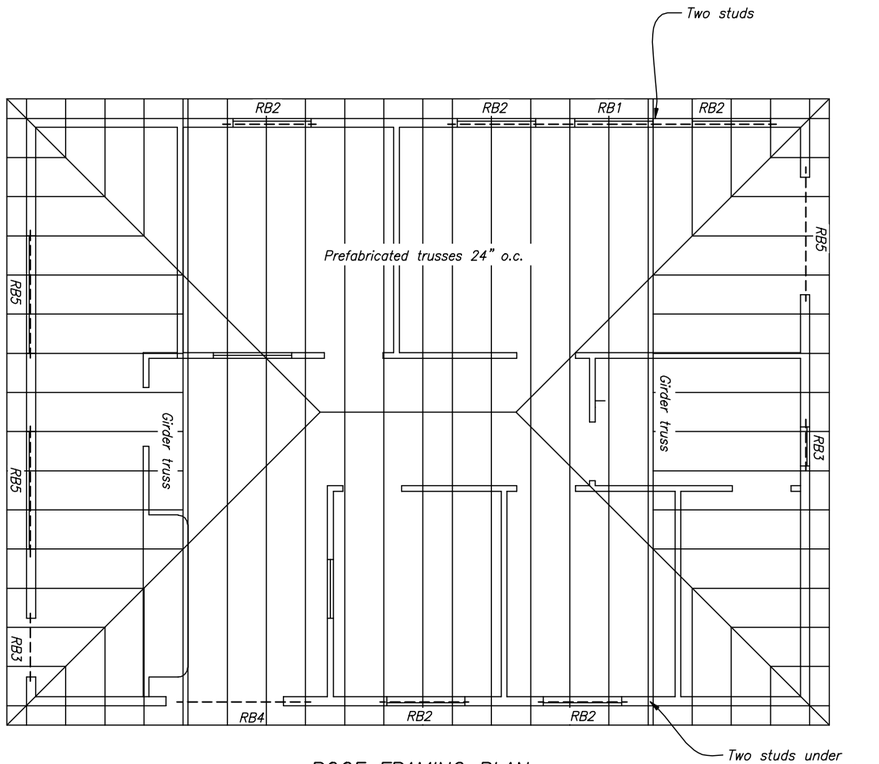


SHEAR WALL PLAN



ROOF FRAMING PLAN

BEAMS AND HEADERS	
BEAM MARK	MEMBER
RB1	2–9.5" LVL's
RB2	3–2x10's
RB3	3 or 2–2x10's
RB4	3–9.5" LVL's
RB5	3–2x10's

EXPLANATION

(H) Holdown – Simpson STHD10 or equal

A Shearwall panel with 8d nails spaced 6 inches on center on the edges and 12 inches on center in the field

B Shearwall panel with 8d nails spaced 4 inches on center on the edges and 12 inches on center in the field

NOTES

1. Headers shall be 3–2x10's unless noted otherwise.
2. Outside dimensions of the foundation wall are the same as the exterior framed walls.
3. Exterior walls are 2x6 studs on 16–inch centers.
4. Exterior sheathing shall consist of 7/16" OSB with blocking at the joints and nailing as per the shearwall callout. If no shearwall is indicated, use type A shearwall nailing.
5. Dimensional lumber to be No. 2 Doug Fir or better.

REFERENCE DRAWINGS

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STEINAKER STATE PARK
FEE STATION/OFFICE

ROOF FRAMING AND SHEAR WALL PLAN

DESIGNED _____ CHECKED _____
DRAWN _____ TECH. APPR. _____
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. – PEER REVIEWER
SALT LAKE CITY, UTAH 2007–01–06 325–400–317

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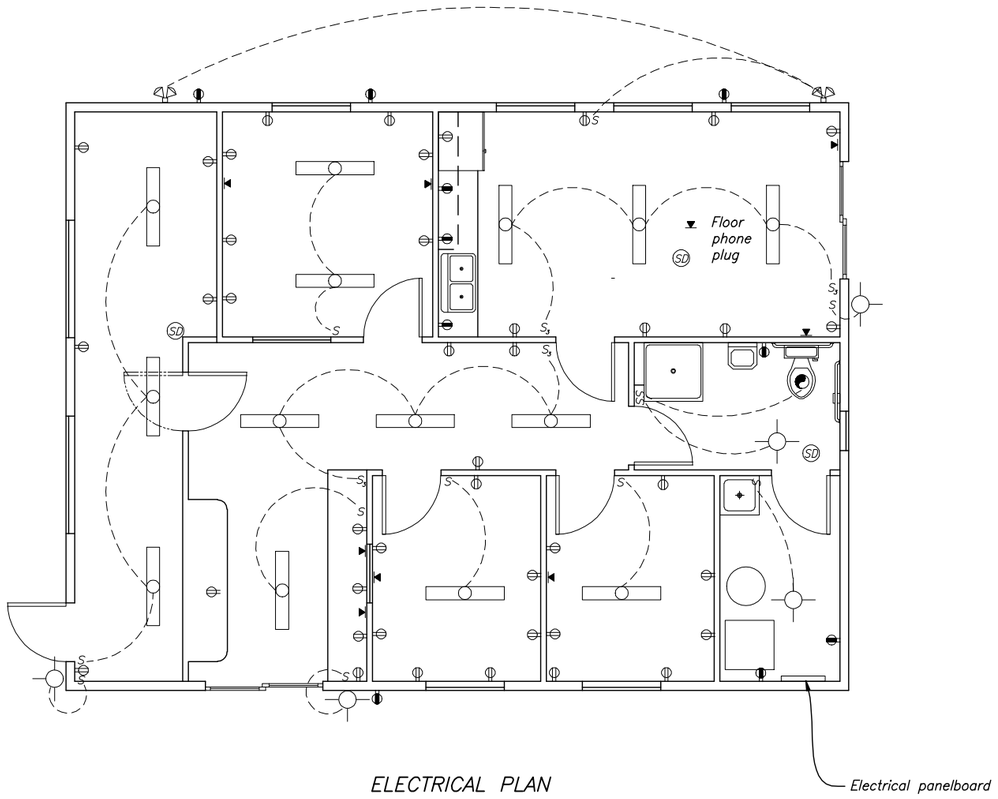

ELECTRICAL PLAN

ELECTRICAL SYMBOLS

- Duplex outlet
- GFCI duplex outlet
- S — Single-pole switch
- S_3 — Three-way switch
- Phone jack
- Incandescent lighting fixture
- Wall mounted incandescent lighting fixture
- Ceiling fan
- SD — Smoke detector
- Spot light fixture
- Fluorescent lighting fixture

NOTE

1. Fluorescent lighting fixtures shall be surface mounted with two 40 watt, 4' fluorescent lamps. Provide fixtures with a wrap around lens and a low temperature ballast.

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VERNAL UNIT - UTAH

STEINAKER STATE PARK
FEE STATION/OFFICE

ELECTRICAL PLAN

DESIGNED /S/ JAY BYTHEWAY, P.E. CHECKED /S/ BENJAMIN A. RADCLIFFE
DRAWN /S/ JAY BYTHEWAY, P.E. TECH. APPR. /S/ CARY SOUTHWORTH, P.E.
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. - PEER REVIEWER

SALT LAKE CITY, UTAH 2007-01-08 325-400-318

P. CHRISTENSEN

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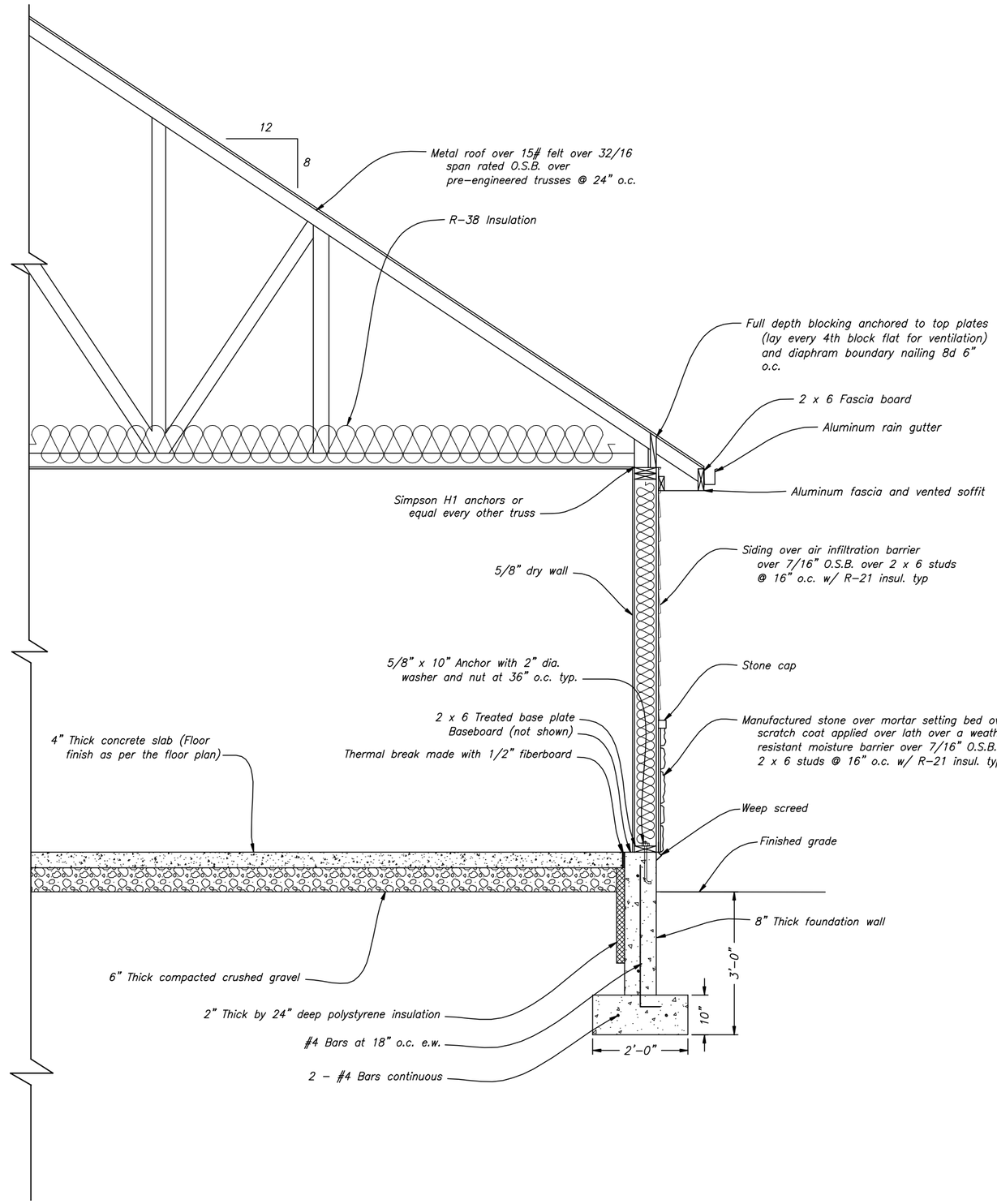

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STEINAKER STATE PARK
FEE STATION/OFFICE

WALL SECTION

DESIGNED _____ CHECKED _____
DRAWN _____ TECH. APPR. _____
APPROVED /S/ Clyde Thomas, P.E.
CLYDE THOMAS, P.E. - PEER REVIEWER

SALT LAKE CITY, UTAH 2007-01-06 325-400-319