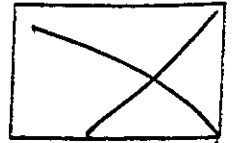


B

Type



Plans

B- 141325

Permit Number

37520

Street Number

Hwy 1

Street Name

SEA

Community Code

136-550-004

APN

COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 527-1900 FAX (707) 527-1103

Please Print

Your Name: **THE SEA RANCH ASSOCIATION**

Date

Applied: **3/12**

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: 37520 COAST HIGHWAY ONE		City: THE SEA RANCH		ZIP: 95497	
Cross-Street: WILD IRIS	APN: 96550 004	Project Phone #: ()	Project Fax #: ()		
Directions: (FIRST DRIVEWAY SOUTH)	Subd. Name: THE SEA RANCH	Unit #: 18A	Lot #: ()		
Describe Project: CORRECT FIRE DAMAGE & REMODEL ONE STORY STRUCTURE (VN)		Living Area: 1864 SE	Contract Price: (EST) \$76,000		
Garage: ()		Decks: ()			

OWNER NAME AND ADDRESS

Name: **THE SEA RANCH ASSOCIATION**

Mailing Address: **PO Box 16**

City: **THE SEA RANCH** State: **CA** ZIP: **95497**

Day Ph: () **705 2316** Fax: () **705 3555**

APPLICANT NAME AND ADDRESS

Name: **TED SMITH ARCHITECT**

Mailing Address: **PO Box 16**

City: **THE SEA RANCH** State: **CA** ZIP: **95497**

Day Ph: () **705-2316** Fax: () **705-3555**

CONTRACTOR INFORMATION

Company Name: ()

Address: ()

City: () State: () ZIP: ()

Day Ph: () Fax: ()

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: **EDWARD B (TED) SMITH JR**

Address: **PO Box 16**

City: **THE SEA RANCH** State: **CA** ZIP: **95497**

Day Ph: () **705-2316** Fax: ()

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier: ()

Policy No: ()

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: () Applicant: ()

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

☒ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. 7031.5, B.P.C. for this reason:

Date: **3/6/97** Owner: **James O. Jones**

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. Class: () Lic. No: ()

Exp. Date: () Contractor: ()

ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that ☐ does ☐ does not contain asbestos, or that ☐ no demolition is authorized by this permit.

I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.

NOTICE: THIS PERMIT WILL EXPIRE BY LIMITATION IF WORK IS NOT STARTED IN 180 DAYS OR IF WORK IS ABANDONED FOR MORE THAN 180 DAYS. A REQUEST FOR TIME EXTENSION MUST BE SUBMITTED IN WRITING TO THE BUILDING CODE ADMINISTRATOR WITHIN THE FIRST 180 DAYS OF THE PERMIT.

PERMITTEE SIGNATURE: **PO Box 16 THE SEA RANCH**

ADDRESS: () CITY: () ZIP: ()

☐ Contractor ☐ Owner ☐ Agent for Contractor ☒ Agent for Owner

Permit # **B-141325** Area **2**

Permit Coordinator

CONSTRUCTION LENDING DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Civ. C.)

Lenders Name: **N/A**

Lenders Address: ()

FOR DEPARTMENT USE

Zoning: **PC-CC 1.52acres** No. **RR11** Acres: **10.93ac**

Existing Use/Structures: **Community Center**

Proposed Use/Structures: **Rebuild remodel center due to fire damage**

Zoning Min. Yard Requirements: Front () Left () Right () Back ()

NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated. ☐ Mitigation Required ☐ Address subject to change

Approval for Permit Issuance: () Approval for Occupancy: ()

By: () By: **Kathleen**

Date: () Date: **5/19/97**

Conditions: **Permit to rebuild & remodel existing community center due to fire damage. Exempt from Contractor's License Law.**

Sewer Connection: ☒ Available ☐ Fees Paid

Approved by: **C. Olanich** Date: **5/21/97**

Road Encroachment: ☐ Fees Paid

Approved by: () Date: ()

Septic System Permit/Clearance # **SEP 97-0257**

Approved by: **D. Olanich** Date: **5/21/97**

Flood Zone: ☐ Yes ☐ No 100 Year Flood Elevation: ()

Site Review: **See B Casebook or map**

By: **BB** Date: **3-17-97**

Condition of Soil at Job Site: ☐ Original ☐ Engineered Fill ☐ Loose Fill

Required Reports: ☐ Geology ☐ Soils ☐ Compaction

Code Enforcement Violation ☐ Yes ☐ No

Work Authorized: **Rebuild Fire Damaged Community Center and Remodel**

☐ New ☐ Addition ☒ Alteration ☐ Repair ☐ Moving ☐ Occ/Chg

☒ Plans Approved

☐ No Plans Subject to Field Inspection

Plancheck Checked By: **KC** Date: **5/16/97**

Permit/Clearance By: **Chm** Date: **5/21/97**

Type of Construction: **VN** Occupancy: **B** No. of Stories: **1** No. of Bedrooms: **1**

Auto. Fire Sprinklers Req'd: **No** No. of Units: () Certificate of Occupancy: ()

Final Date: **3/23/98** Inspector: ()

Machine Space for Permit Fee

012926 05/21/97B01

0141325

SIERRA \$954.40

TTL \$954.40

CHECK \$954.40

CHNG \$0.00

CIS-007.cdr Revised: 3/25/95

Distribution: White - File Canary - Applicant Pink - Audit Copy Blue - Assessor Cardstock - Inspector

JOB ADDRESS:

37520 Coast Highway One

MAP REFERENCE:

PERMIT NUMBER: **B-141325**

INSPECTION AREA:

SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET
INSPECTION-RECORD	DATE	NAME	REMARKS	
FOUNDATION				
FORMS/SETBACK				
FOOTING				
WALLS				
UFER GROUND #				
CAISSONS/PIERS				
SLAB				
MASONRY				
RETAINING WALLS				
FIREPLACE				
FOOTING				
HEARTH/PROTECTION				
THROAT				
CHIMNEY				
UNDERFLOOR/UNDERSLAB				
U/F ELECTRICAL				
U/F MECHANICAL				
U/F PLUMBING	8-20-97	Bbano		
U/F FRAMING	"	"		
U/F INSULATION				
SHEAR WALLS				
<input type="checkbox"/> INTERIOR			11-12-97 work done w/o insp. plywood shear on Garage Lath, Scratch, + Brown Coat. stop work stop work considered till I talk to Eric Hays. Eric agrees to stop w/o JOB till verification done. Bbano	
<input type="checkbox"/> EXTERIOR				
DIAPHRAGMS				
<input type="checkbox"/> ROOF				
<input type="checkbox"/> FLOOR				
SIDING/SHEATHING				
HOLD DOWNS				
CLOSE-IN	11-19-97	Bbano		
ROUGH ELECTRICAL	"	"		
ROUGH MECHANICAL	"	"		
ROUGH PLUMBING	"	"		
ROUGH FRAME	"	"		
SMOKE DETECTORS	"	"		
INSULATION				
WALLBOARD	12-3-97	Bbano		
STUCCO/PLASTER				
<input type="checkbox"/> LATH				
<input type="checkbox"/> SCRATCH				
TUB/SHOWER PAN				
SUSPENDED CEILING				
ROUGH ELECTRICAL				
ROUGH MECHANICAL				
EXITING				
STAIRS/HANDRAILS				
DOORS				
HALLWAYS/DOORS				
MECAP REQUIREMENTS				
ENERGY REQUIREMENTS				
TEMPORARY OCCUPANCY				
TEMPORARY ELECTRICAL	7-18-97	Bbano		
TEMPORARY GAS				
ELECTRIC METER AUTHORIZATION				
PANEL BOARDS/SERVICE				
GAS METER AUTHORIZATION				
GAS PRESSURE TEST				
HOUSE				
YARD				
MANUF. HOME FOUNDATION				
MANUF. HOME INSTALLATION			FIRE INSPECTION REQUIRED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
CONTINUITY			Inspected by: <u>Santa Clara County</u> <u>DBS</u>	
STAIRS/SKIRTS				
RIDGE BOLTING				
SWIMMING POOLS				
PRE-GUNITE				
PRE-DECK				
PRE-PLASTER/FENCE			CLEARANCES:	
GRADING FINAL			FIRE <input type="checkbox"/> Local <input type="checkbox"/> County	
ELECTRICAL FINAL			HEALTH DEPARTMENT	
MECHANICAL FINAL			ZONING	
PLUMBING FINAL			SANITATION	
FINAL			N.C.A.P.C.D.	
OCCUPANCY (OK TO OCCUPY)			PLAN RETENTION REQUIRED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



To Kathi J.

Kathi

The Sea Ranch Association

Planning and Design / 707-785-2316

29 April 1997

Mr. Rick Cowperthwaite
County of Sonoma
Permit and Resource Management Dept.
2550 Ventura Ave.
Santa Rosa, CA 95403

Re: B-141325, The Sea Ranch Ohlson Ranch Center

Dear Rick:

In response to the comments on your recent plan check, requesting that we present evidence that the building was previously converted to "assembly use", I offer the following:

Per your request, with the assistance of County Staff, I did a search of County records which indicated that the only known permit for work on the property was issued in 1992 for application of new roofing.

Although we have as yet been unable to locate records verifying past building use, through questioning individuals who have been Sea Ranch residents for the past 25 years, the following information has been recalled:

- The building has not been used as a dwelling since the late sixties, when it was the residence of the last ranch owner.
- In the early seventies the building was refurbished without structural changes and used as offices for the Association. At that time, one bedroom was used as a museum/library and others used for classes of varying kinds such as SRJC extension courses.
- In the 80's up until the time of the garage fire, the building has been continued to be used for storage, as a classroom, and as a place for a small community library.
- Also, this structure was a part of the "Recreational Facilities" site referred to in the "Amended Precise Development Plan, approved by the County Board of Supervisors on July 7, 1982. We feel that all uses have been in the spirit of that plan.

You will recall that on December 6, 1996, I met with you to review my preliminary plan for this structure. At that time, you said that you thought it was a good plan that would improve the existing facility, and that you had no problem with the occupancies as listed or with the exiting as proposed. You said that one ramp would be sufficient, as were the proposed toilet rooms. We were to provide energy calcs for the replacement area. Heating and electrical calcs were done for the entire building. New work has been proposed to meet minimum requirements for "commercial" work. We were to verify that the floor would support a 50psf L.L. not 100psf. This was done and calculations will be amended if necessary.

29 April 1997
County of Sonoma, cont'd.

Re: Ohlson Ranch Center - B141325

In summary, if the fire had never occurred, The Sea Ranch Association would have no reason to apply for a permit as there has been no change in the historical use of the structure. Because of the fire, we have elected to use the opportunity to upgrade the general quality of the building in the best interest of all Sea Ranch Members.

We feel that to require that this building be reclassified as prescribed on the plan check drawings that you have returned to us is not justified and would place an unnecessary financial burden on the Association. We ask that you reconsider the submittal in the spirit of what we are trying to do. Any additional requirements influencing the cost of work on this project will probably mean that the Sea Ranch Board will decide to demolish the building thereby losing an otherwise useful facility.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ted Smith", is written over the typed name.

Ted Smith AIA
Director, Planning and Design

cc: Kathi Jacobs, Planning
Community Manager



The Sea Ranch Association

Planning and Design / 707-785-2316

12 November 1997

Mr. Bill Barron
County of Sonoma
Permit and Resource Management Dept.
2550 Ventura Ave.
Santa Rosa, CA 95403
VIA FAX : 527-1103

Re: B-141325, 37520 Highway One,
The Sea Ranch Ohlson Ranch Center

Dear Bill:

In accordance with our telephone conversation, this is to verify, that on November 4-6, 1997, I made routine site visits for observation of construction of the above named remodel project. During said visits, I noted that all plywood sheathing had been installed and nailed according to the approved drawings, and that asphalt saturated felt underlayment and metal lath was applied and adequately secured to the sheathing. I have since observed the application of scratch and brown coats of plaster, and in about two weeks, will be called to approve the third and final coat, which is to be finished to match the existing adjacent walls.

I apologize for the contractor, Coast Construction, who inadvertently, failed to call for a pre-plastering inspection, probably because for the most part, they considered the work to be patching.

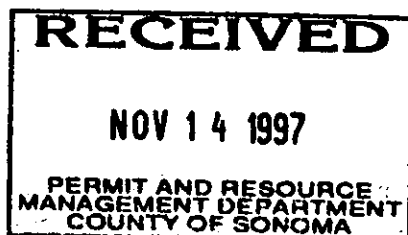
On the other issue, I shall advise Coast construction to immediately have the electrical contractor disconnect all power, except to the temporary outlet that you approved.

Should there be further questions, kindly call me at 785-2316 or Coast Construction at 884-3466.

Respectfully,


Ted Smith Architect AIA

cc: Coast Construction
Iverson Electric





The Sea Ranch Association

Planning and Design / 707-785-2316

22 July 1997

Sonoma County Permit and Resource Management

Att: Bill Baron

2550 Ventura Ave.

Santa Rosa, CA 95403

**Re: B141325 - 37520 Highway One
Heater Room Change**

Dear Bill:

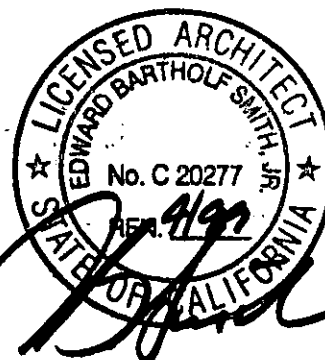
Please be advised that to avoid having to place a new propane furnace and water heater in an existing basement, we have decided to place both units in a 4' x 9', slab on grade shed, attached to the existing building. In order to place an electric meter for construction, I have witnessed pouring a 4" reinf. concrete slab on grade with concrete stemwall projecting at least 12" into undisturbed earth. The balance of shed construction will be as follows:

exterior walls-	2x6 studs @ 16" o.c. 1/2" cdx plywood sheathing m.l. & stucco exterior finish venting per code
roof-	2x6 T&G decking spanning 4 ft. R=30 Rigid insulation 1/2" cdx plywood sheathing class A composition shingles
interior finish-	walls and ceiling, 5/8" typeX sheetrock

We ask that you include the inspections of this minor addition with your inspection of other work. We apologize for moving ahead with this change without prior approval, but didn't think such was necessary as the 36 sq. ft. addition had no significance structurally. Thank you.

For The Sea Ranch Association

Ted Smith AIA Architect
cc: Coast Constructdion



RECEIVED

JUL 24 1997

**PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT
COUNTY OF SONOMA**

Project Name: Ohlson Ranch Center
Address: 37520 Coast Highway One
The Sea Ranch CA

Envelope

Designer: Ted Smith Architect AIA

Documentation: SOL*DATA ENERGY CONSULTING

★ APPROVED ★	
Date: <u>May 16 1997</u>	Building Permit No. _____
Checked by: <u>May 16 1997</u>	_____
COMPLY 24, Use 1000	
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT	

GENERAL INFORMATION

Date of Plans: _____ Building Conditioned Floor Area: 292 sf
Building Type: Nonresidential Climate Zone: 1

Phase of Construction: ☐ Addition Alone

Method of Envelope Compliance: Prescriptive - Overall Envelope

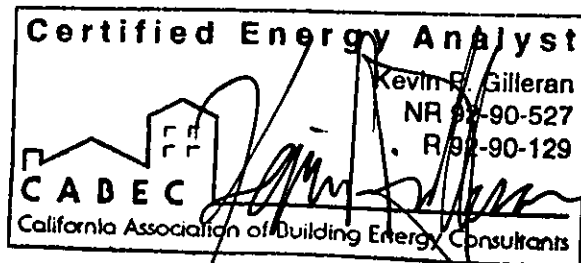
STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the Building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building envelope requirements.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR

Kevin P. Gilleran, CEM
(707) 545-4440



The Principal Envelope Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the envelope requirements contained in sections 110, 116 through 118, and 140, 142, 143 or 149 of Title 24, Part 6, Chapter 1.

Please check one:

- ☐ I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a civil engineer or architect.

PRINCIPAL ENVELOPE DESIGNER
Ted Smith Architect AIA

[Signature] 62007 2/20/97
(Signature) (Lic. #) (Date)

ENVELOPE MANDATORY MEASURES

Indicate location on plans of Note Block for Mandatory Measures: _____

CHAS RANCH CORP.
EXTER. FLOOR CONCT.

Handwritten initials

FLOOR LOADS

SUBFLOOR & FIN.	3.0
PAVING	5.0
SEWER/BMS	4.0
TURF D.L.	12.0
" C.L.	50.0
TOTAL LN	<u>162 DLR</u>

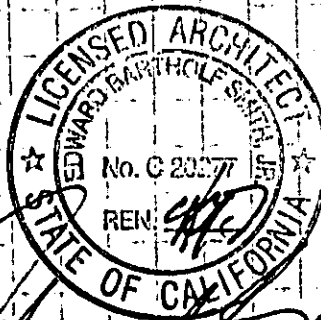
FLOOR JOIS (2x8 DWND @ 16" OC) - 8' SPAN

FOR 40 DLR LN

602 DLR x 133 = 82 DLR

M. $\frac{wL^2}{8} = \frac{82(8)^2}{8} = 656 \text{ Lb}$

S. $\frac{M}{L} = \frac{656(12)}{1200(1.25)} = 5.25 \leq 13.14 \therefore \underline{2 \times 8 @ 16" OC} = \text{OK}$



Handwritten signature: Edward Bartholme

BUILDING CODE DATA :**BUILDING TYPE : VN****OCCUPANCY GROUP : A-3****BUILDING USE: MIXED****GROSS BLDG. AREA: 1,864 s.f.****OCCUPANCY LOAD :**

space	area	occ. ld.	no. occ.
Classroom	716 s.f.	20	36
Reading Rm. #1	225	50	5
Reading Rm. #2	132	50	3
Office	135	100	2
Kitchen	243	200	2
Chair/Table Stor.	126	300	<u>1</u>
Rest Tooms	n.a.		

TOTAL OCCUPANT LOAD - 49 < 50**EXITS /RAMPS REQUIRED 1**

Project Name: Ohlson Ranch Center

Date: 1/29/1997

Documentation: SOL*DATA ENERGY CONSULTING

COMPLY 24 User 1004

OPAQUE SURFACES		Const	Location/Comments	Note to Field
Assembly Name		Type		
R-13 Wall		Wood		
R-30 Roof		Wood		
R-19 Floor o/ slab		Wood		

FENESTRATION		Frame	Exterior Shade	OH	Glazing Type
Orient	Panes	Type			
Left (NE)	1	Metal	None	N	Double pane
Front (NW)	1	Metal	None	N	Double pane

★ APPROVED ★

MAY 16 1997

PERMIT AND RESOURCE
MANAGEMENT DEPARTMENT

Project Name: Ohlson Ranch Center

Date: 1/29/1997

Documentation: SOL*DATA ENERGY CONSULTING

COMPLY 24 User 1004

WINDOW AREA TEST

A. Display Perimeter 0.0 ft X 6 ft = 0.0 sf Display Area

B. Gross Exterior Wall Area 360.0 sf X 0.40 = 144.0 sf 40% Area

C. Gross Exterior Wall Area 360.0 sf X 0.10 = 36.0 sf Min Std Area

D. Enter Larger of A or B 144.0 sf Max Std Area

E. Enter Proposed Window Area 22.5 sf Proposed Area

If E is greater than D or less than C, proceed to the next calculation for window area adjustment. If not, go to part 2 of 4.

1. If E is greater than D:

D. Maximum Standard Area	E. Proposed Area	Window Adjustment Factor
N/A	N/A	N/A

2. If E is less than C:

C. Minimum Standard Area	E. Proposed Area	Window Adjustment Factor
36.0	22.5	1.6000

SKYLIGHT AREA TEST

Atrium Height

0.0 ft

If Height < 55 ft
Standard = 5%

If Height >= 55 ft
Standard = 10%

|
v

A. Gross Exterior Roof Area 292.0 sf X 0.05 = 14.6 sf Standard Area

B. Enter Proposed Skylight Area 0.0 sf Proposed Area

If the Proposed Skylight Area is greater than the Standard Skylight Area, proceed to the next calculation for the skylight area adjustment. If not got to part 2 of 4.

1. If Proposed Skylight Area > Standard Skylight Area:

Standard Skylight Area	Proposed Skylight Area	Skylight Adjustment Factor
N/A	N/A	N/A

Project Name: Ohlson Ranch Center

Date: 1/29/1997

Documentation: SOL*DATA ENERGY CONSULTING

COMPLY 24 User 1004

OVERALL HEAT LOSS

Assembly Name	Area	PROPOSED		UxA	Adj. Area	STANDARD	
		HC	U-Val			U-Val	UxA
R-13 Wall	120.0	1.7	0.083	10.0	111.0	0.084	9.3
R-13 Wall	45.0	1.7	0.083	3.7	45.0	0.084	3.8
R-13 Wall	172.5	1.7	0.083	14.3	168.0	0.084	14.1
R-30 Roof	292.0	2.7	0.035	10.2	292.0	0.057	16.6
R-19 Floor o/ slab	292.0	1.9	0.055	15.9	292.0	0.050	14.6
Double pane	15.0	N/A	0.820	12.3	24.0	0.720	17.3
Double pane	7.5	N/A	0.820	6.1	12.0	0.720	8.6
Total				72.6	Total 84.4		

** OVERALL HEAT LOSS COMPLIES

PROPOSED UA <= STANDARD UA **

Project Name: Ohlson Ranch Center

Date: 1/29/1997

Documentation: SOL*DATA ENERGY CONSULTING

COMPLY 24 User 1004

OVERALL HEAT GAIN

Glazing	WF	PROPOSED					Total	STANDARD		
		Area	SC	H	V	OHF		Area	RSHG	Total
North	0.63	15.0	0.88				8.3	24.0	0.88	13.3
West	1.24	7.5	0.88				8.2	12.0	0.57	8.5
Total							16.5	Total		21.8

** OVERALL HEAT GAIN COMPLIES

PROPOSED HG <= STANDARD HG **

Project Name: Ohlson Ranch Center

Date: 1/29/1997

Documentation: SOL*DATA ENERGY CONSULTING

COMPLY 24 User 1004

Window Area Adjustment Calculations

Wall Name	Dir	Gross Area	Door Area	Window Area	Adjust Factor	Adjusted Window Area	Adjusted Wall Area
top new	N	135.0		15.0	1.6000	24.0	111.0
right new	E	45.0		0.0	1.6000	0.0	45.0
left new	W	180.0		7.5	1.6000	12.0	168.0
TOTALS		360.0	0.0	22.5		36.0	324.0

Skylight Area Adjustment Calculations

Roof Name	Dir	Gross Area	Skylt Area	Adjust Factor	Adjusted Skylt Area	Adjusted Roof Area
roof	H	292.0	0.0	0.0000	0.0	292.0
TOTALS		292.0	0.0		0.0	292.0