

CITY OF SACRAMENTO  
1231 I Street, Sacramento, CA 95814

Permit No: 0513133  
Insp Area: 3  
Thos Bros: 317F1

Site Address: 3288 8TH AV SAC  
Parcel No: 013-0284-011 DESIGN REVIEW

Sub-Type: NSFR  
Housing (Y/N): N

CONTRACTOR  
MYSIN CUSTOM HOMES INC  
733 WATER STREET  
WEST SACRAMENTO CA 95605

OWNER  
MYSIN VALERI  
440 WILSON AV  
SACRAMENTO, CA 95833

ARCHITECT

Nature of Work: NEW 1714 SQ FT SFR W/528 SQ FT DETACHED GARAGE & 98 SQ FT PORCH.--IN DESGN REVIEW AREA--

CONSTRUCTION LENDING AGENCY: 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).

Lender's Name \_\_\_\_\_ Lender's Address \_\_\_\_\_

LICENSED CONTRACTORS 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.

License Class \_\_\_\_\_ License Number 831009 \_\_\_\_\_ Date \_\_\_\_\_ Contractor Signature \_\_\_\_\_

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors 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 Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 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 (\$500.00);

I, as a 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 Professional Code: The Contractors 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/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/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 Contractors 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 Contractors License Law).

I am exempt under Sec. \_\_\_\_\_ B & PC for this reason: \_\_\_\_\_

X Date 9/28/05 \_\_\_\_\_ Owner Signature Valeri Mysin

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

X Date 9/28/05 \_\_\_\_\_ Applicant/Agent Signature Valeri Mysin

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 workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

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

Carrier EXEMPT

Policy Number

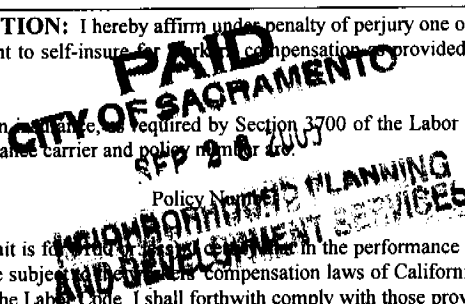
Exp Date

X (This section need not be completed if the permit is for a residential structure. 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 workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.)

X Date 9/28/05 \_\_\_\_\_ Applicant Signature Valeri Mysin

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 FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.





**CITY OF SACRAMENTO  
BUILDING INSPECTION  
DIVISION**

PERMIT OFFICES  
Downtown (916) 264-7619  
1231 I St., Rm. 200, Sacramento 95814  
Natomas Center (916) 808-2534  
2101 ARENA BL., Sacramento 95834  
<http://www.sacto.org>

**RESIDENTIAL PLAN REVIEW  
2001 CBC Adopted Codes  
Effective November 1<sup>st</sup>, 2002**

PROJECT ADDRESS & DESCRIPTION 3288 8th Ave PERMIT No. 0513133

These sheets, when attached to a set of plans, become part of those plans and must remain attached thereto. The approval of this plan and the specifications shall not be held to permit or approve the violation of any City ordinance or State or Federal law. (Note: Authorized agent must provide a letter from Owner verifying Authorization.) The code requirements circled do not limit the code requirements for this project.

I have read and will comply with the items in this document and as marked on the plans.

*V. Allen*

Date 9/28/05

Signature of:  Owner  Authorized Agent  Contractor  Architect/Engineer

**BUILDING CODE REQUIREMENTS**

- B-1 **Smoke detector location within dwelling units.** In dwelling units, a detector shall be installed in each sleeping room and at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basement. In dwelling units where a story or basement is split into two or more levels, the smoke detector shall be installed on the upper level except that, when the lower level contains a sleeping area, a detector shall be installed on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches (610 mm) or more, smoke detectors shall be installed in the hallway and in the adjacent room. Detectors shall sound an alarm audible in all sleeping areas of the dwelling unit in which they are located. In new construction, required smoke detectors shall receive their primary power from a commercial source and have a battery back up. 2001 CBC, Section 310.9.1.
- B-2 **When alteration, repairs, or additions having a value in excess of \$1,000 are made, provide an approved smoke detector to protect existing sleeping rooms.** The detector may be battery operated as per 2001 CBC, Section 310.9.1.2.  
*Exception:* Repairs to the exterior surfaces of a Group R occupancy are exempt from the requirements of this section.
- B-3 **Emergency escape and rescue.** Basements in dwelling units and every sleeping room below the fourth story shall have at least one operable window or door approved for emergency escape or rescue that shall open directly into a public street, public way, yard, or exit court. Escape or rescue windows shall have a minimum net clear openable area of 5.7square feet / 821 SQ. inches. The minimum net clear openable height dimension shall be 24 inches. The minimum net clear openable width dimension shall be 20 inches. Emergency escape or rescue windows shall have a finished sill height not more than 44 inches above the floor. 2001 CBC, Section 310.4.
- B-4 **All Group U occupancies attached to Group R, Division 3 occupancies shall be separated by materials approved for one-hour fire-resistive construction.** The separation may be limited to the garage side only and requires a self-closing, tight fitting solid wood door 1 3/8 inches in thickness or a self-closing, tight fitting door having a fire protection rating of not less than 20 minutes. CBC, Section 302.4, Exception 1.  
*Note:* All members supporting such separation shall be equivalent fire-resistive construction as per 2001 CBC, Section 302. All electrical outlet boxes on opposite sides of the wall shall be separated by a horizontal distance on not less than 24 inches per 2001 CBC 709.7, Exception 1

City of Sacramento  
Development Services Department  
**PLANNING REVIEW FOR BUILDING PERMIT SUBMITTAL**

ADDRESS: 3288 8 <sup>th</sup> AVENUE	APN: 013-0284-011
DRPB AREA / PUD / SPD: OAK PARK	ZONING: R-1
EXISTING LAND USE: VACANT	
PROPOSED USE: NEW SFR	
<b>PLANNING STAFF WILL CHECK ONE OR MORE OF THE ITEMS BELOW:</b>	
<input type="checkbox"/>	Planning review is NOT required.
<input type="checkbox"/>	Use is NOT allowed; applicant CANNOT submit for plan check.
<input type="checkbox"/>	Requires APPLICATION(s): PC      ZA      IR      ER      DR      PB Required Planning application must be approved <i>before</i> project can be submitted for plan check
<input checked="" type="checkbox"/>	Application(s) IN PROGRESS: File Number: DR05-203 (05-31-2005) Application must be approved <i>before</i> project can be submitted for plan check.
<input type="checkbox"/>	Application(s) COMPLETED: File Number & approval date: Building permit must conform to approved plans and comply with all conditions of approval. Do NOT accept applications for a building permit prior to the end of the 10-day appeal period.
<input type="checkbox"/>	Plans may be submitted for plan check. Plan checker(s) shall confirm compliance with Zoning Ordinance requirements and all applicable development standards <i>prior to issuance</i> of building permit.
<input type="checkbox"/>	Meets setback & lot coverage requirements as shown on site plan provided.
<input type="checkbox"/>	Plans to be submitted have been stamped/signed by Planning counter staff.
<input type="checkbox"/>	Route to SITE for plan check and inspection.
<input type="checkbox"/>	Route to SITE for inspection only, plan check not required.
<input type="checkbox"/>	Preliminary review ONLY; the information on this form must be reviewed again and confirmed at the time of building permit submittal.
CONDITIONS AND COMMENTS:	<b><u>Building permit must conform to approved plans and comply with all conditions of approval DR05-203. Do NOT accept applications for a building permit prior to the end of the 10-day appeal period.</u></b> LOT SIZE 40X150 = 6000 SQ FT., APPROX. FOOTPRINT 24.5 X 42 = 1029 + 528 = 1557 / 6000 = 26% LOT COVERAGE. SETBACKS OKAY. DETACHED GARAGE IS UNDER 18' AND UNDER 10' WALL HEIGHT. MORE THAN 60' FROM FRONT PROPERTY LINE. MORE THAN 4' FROM SFR. HAS A MIN. 10' X 20' DRIVEWAY. UNDER 40% MAX. PAVING FOR FRONT SETBACK AREA. NO PLANNING ENTITLEMENTS APPARENT.
DATE: 05-31-2005	BY: PCALDWELL

**Certification of Compliance**  
School District Development

ON HOLD  
9/28/05

**Part I - To be completed by the APPLICANT**

Owner's Name/Address Valeri Myzin

Project Address 3441 7th Ave NW, # 1017

Parcel Number SP-1224-11 Lot No. 111

Subdivision Name \_\_\_\_\_ No. of Units \_\_\_\_\_

Applicant's Signature \_\_\_\_\_ Title \_\_\_\_\_

Phone No. \_\_\_\_\_ Date 9/27/05

**Notice to Applicant:** Pursuant to Government Code Section 66020(d), this will serve to notify you that the 90-day approval period in which you may protest the fees or other payment identified above will begin to run on the date in which the building or installation permit for this project is issued or on which they are paid to the district(s) or to another public entity authorized to collect them on behalf of the district(s), whichever is earlier.

**Part II - To be completed by the BUILDING DEPARTMENT**

Plan Identification Number # 0512155

Building Type (check one)  Residential  Apartment/Condominium  Commercial/Industrial

Square Feet of Chargeable Building Area 2,342

Signature/Title Robert Thompson Building Dept Date 9/27/05

**Part III - To be completed by the SCHOOL DISTRICT**

School District SCUSD Certificate No. 10928

Exempt Comments \_\_\_\_\_ ex #10997

Residential/Apartment/etc. 2,342 Square ft. x \$ 214 = \$ 5,000.08

Commercial/Industrial \_\_\_\_\_ Square ft. x \$ \_\_\_\_\_ = \$ \_\_\_\_\_

Total fees collected..... = \$ 5,000.08

*This certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.*

*As the authorized school official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

*White & Canary - School District • Pink - Building Department • Goldenrod - Applicant*

**INSULATION CERTIFICATE**

THIS IS TO CERTIFY THAT INSULATION HAS BEEN INSTALLED IN CONFORMANCE WITH THE CURRENT ENERGY REGULATIONS, CALIFORNIA ADMINISTRATION CODE, TITLE 24, STATE OF CALIFORNIA, IN THE BUILDING LOCATED AT:

SITE ADDRESS 3288 8TH AVE SACRAMENTO CA  
NUMBER CITY STATE

**CEILINGS:**

BLOW: MANUFACTURER GREEN FIBER THICKNESS 10.3" R/VALUE 38

GREEN FIBER THICKNESS \_\_\_\_\_ R/VALUE \_\_\_\_\_

BATTS: MANUFACTURER KNAUF THICKNESS 13" R/VALUE 38

KNAUF \_\_\_\_\_

**EXTERIOR WALLS:**

MANUFACTURER KNAUF THICKNESS 3.5" R/VALUE 13

KNAUF \_\_\_\_\_

**FLOOR INSULATION:**

MANUFACTURER KNAUF THICKNESS 6" R/VALUE 19

KNAUF \_\_\_\_\_

**AIR INFILTRATION:** (TITLE 24)

YES XXX NO \_\_\_\_\_

OTHER: \_\_\_\_\_

GENERAL CONTRACTOR: NICKOLAY MYSIN LICENSE # \_\_\_\_\_

BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

INSULATION CONTRACTOR: WESTERN INSULATION LP LICENSE # 794484

BY: Becky Gutherz TITLE \_\_\_\_\_ AUTH. AGENT \_\_\_\_\_ DATE 3/24/2006  
BECKY GUTHERZ

Filing Category: EXTERIOR COATINGS

**WESTERN 1-KOTE EXTERIOR STUCCO SYSTEM, MASTER WALL ONE COAT STUCCO SYSTEM, DRYVIT STUCCO PLUS SYSTEMS AND STO POWERWALL® STUCCO SYSTEM, AND EXTERIOR CEMENT PLASTER**

**WESTERN STUCCO PRODUCTS CO., INC.**  
6101 NORTH 53<sup>RD</sup> DRIVE  
POST OFFICE BOX 968  
GLENDALE, ARIZONA 85311

**DRYVIT SYSTEMS, INC.**  
ONE ENERGY WAY  
WEST WARWICK, RHODE ISLAND 02893

**STO CORP.**  
6175 RIVERSIDE DRIVE  
ATLANTA, GEORGIA 30331

**1.0 SUBJECT**

Western 1-Kote Exterior Stucco System, Master Wall One Coat Stucco System, Dryvit Stucco Plus System and Sto Powerwall Stucco System, and Exterior Cement Plaster.

**2.0 DESCRIPTION**

**2.1 One-coat Stucco Systems:**

**2.1.1 General:** The Western 1-Kote Exterior Stucco System, Master Wall Powerwall Stucco System, Dryvit Stucco Plus System and Sto One-coat Stucco System are exterior cementitious one-coat stucco wall-coating systems. See Table 1 for the company names, system names and product names. The systems consist of a proprietary stucco reinforced with wire fabric or metal lath. The systems are applied to substrates of expanded polystyrene (EPS) or extruded polystyrene (XEPS) insulation board, gypsum sheathing board, fiberboard, plywood, or oriented strand board (OSB). The systems are installed on exterior walls of wood- or steel-stud construction.

**2.1.2 Materials:**

**2.1.2.1 Western 1-Kote Stucco, OCS, Stucco Plus Concentrate, and Sto Powerwall Stucco:** The materials are factory-prepared mixtures of Type I or II portland cement complying with ASTM C 150-94, lime, chopped fibers, and proprietary additives. The dry cementitious mixture is packaged in 80-pound (36 kg) bags. Four and one half to six gallons (17 to 23 L) of water and 180 to 200 pounds (82 to 91 kg) of sand are added to each bag, in the field, and the components are mixed in accordance with the manufacturer's recommendations. Alternatively, the stucco product is premixed with sand and is packaged in 90-pound (40.8 kg) bags. The premixed stucco product is field-mixed with 3 gallons (11.5 L) of water per bag of stucco product.

Approved color pigments may be added to the stucco mix in accordance with the manufacturer's instructions.

**2.1.2.2 Sand:** Sand must be clean and free from deleterious amounts of loam, clay, silt, soluble salts and organic matter. Sampling and testing must comply with ASTM C 144. Sand must be graded within the following limits:

RETAINED ON U.S. STANDARD SIEVE	PERCENT RETAINED BY WEIGHT ± 2 PERCENT	
	Minimum	Maximum
No. 4	—	0
No. 8	0	10
No. 16	10	40
No. 30	30	65
No. 50	70	90
No. 100	95	100

**2.1.2.3 Insulation Board:**

**2.1.2.3.1 Expanded Polystyrene Insulation Board:** EPS boards must have a nominal density of 1.5 pounds per cubic foot (24 kg/m<sup>3</sup>), a Class I flame-spread classification and a smoke-developed rating not exceeding 450. Boards installed without sheathing over open framing must be 1 to 1½ inches (25.4 to 38 mm) thick and provided with ¾-inch-high (9.5 mm) tongues with compatible grooves for horizontal joints. See Figure 1 for joint detail. All boards must be recognized in a current ICBO ES evaluation report. See Section 2.3 for board identification.

**2.1.2.3.2 Extruded Polystyrene Insulation Board:** XEPS boards must have a minimum density of 1.6 pounds per cubic foot (25.6 kg/m<sup>3</sup>). See Section 2.1.2.3.1 for other details and requirements.

**2.1.2.3.3 Fome-Cor Board Lathing Material:** The material is nominal ¼-inch-thick XEPS foam plastic identified as Fome-Cor Board Lathing Material in ICBO ES evaluation report ER-3335.

**2.1.2.4 Lath:**

**2.1.2.4.1 Wire Fabric Lath:** The lath is minimum No. 20 gage, 1-inch (25.4 mm), galvanized steel woven-wire fabric. Lath must be self-furred or furred when applied over all substrates except unbacked polystyrene board. Self-furring lath for coatings must comply with the following requirements:

1. The maximum total coating thickness is ½ inch (12.7 mm).
2. Furring crimps must be provided at maximum 6-inch (152 mm) intervals each way. The crimps must fur the body of the lath a minimum of ⅛ inch (3.2 mm) from the substrate after installation.

**2.1.2.4.2 Metal Lath:** The metal lath complies with Table 25-B of the 1997 *Uniform Building Code*™ (UBC). Furring and self-furring requirements are as set forth for wire fabric lath.

**ES REPORTS™** are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICBO Evaluation Service, Inc., express or implied, as to any finding or other matter in this report, or as to any product covered by the report.



to installation of wire fabric or metal lath, or optional insulation board. The vertical joints of the insulation board must be staggered from adjacent courses a minimum of 3 inches (76 mm). Insulation board must be attached to the framing, but the vertical joints of the insulation board are not required to align with the framing. The wire fabric or metal lath is attached to studs through the weather-resistive barrier and sheathing, with fasteners and spacings as described for insulation boards either in Section 2.1.3.2.1 of this report or in Table 23-IV-B-1 of the UBC, whichever is more restrictive. Wood framing must be of a species having a specific gravity of 0.50 or greater, such as Douglas fir-larch. The system may also be applied to minimum No. 20 gage [0.036 inch (0.914 mm) thick] steel studs spaced 24 inches (610 mm) on center. System application is similar to that for wood studs, except No. 8, 0.161-inch-diameter-shank (0.41 mm), 0.420-inch-diameter-head (10.7 mm), minimum  $1\frac{3}{4}$ -inch-long (44.5 mm) self-tapping screws secure the lath and sheathing. Screw penetration is a minimum of  $\frac{1}{4}$  inch (6.4 mm) beyond the steel stud. All walls must be braced in accordance with the UBC. Exposed sheathing edges are protected with screeds. Holes in the substrate surface are caulked and the coating is applied as described in Section 2.1.3.1.

**2.1.3.3.2 Gypsum Sheathing:** Minimum  $\frac{1}{2}$ -inch-thick (12.7 mm), water-resistant core gypsum sheathing may be installed directly on wood studs in a manner similar to that for fiberboard. The sheathing may also be installed on No. 20 gage [0.036 inch (0.914 mm) thick] steel studs. Gypsum sheathing is fastened in accordance with Table 25-G of the UBC. A weather-resistive barrier is required over the gypsum sheathing prior to installation of the lath and coating as described in Section 2.1.3.2.

**2.1.3.3.3 Wood-based Structural Sheathing:** Plywood or OSB must be applied directly to wood studs as set forth in Section 2.1.2.9 of this report and Table 23-IV-D-1 of the UBC. The weather-resistive barrier, optional insulation board, lath and coating are applied as described for fiberboard in Section 2.1.3.3.1 of this report.

#### **2.1.4 One-hour Fire-resistive Limited Load-bearing Wall Assemblies:**

##### **2.1.4.1 First Assembly:**

**2.1.4.1.1 Interior Face:** One layer of  $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard, water-resistant backerboard or veneer base is applied parallel or at right angles to the interior face of 2-by-4 wood studs spaced a maximum of 24 inches (610 mm) on center. The gypsum boards are attached using 6d coated nails,  $1\frac{7}{8}$  inches (48 mm) long with a  $\frac{1}{4}$ -inch-diameter (6.4 mm) head, at 7 inches (178 mm) on center to studs, plates and blocking. All gypsum board joints must be backed with wood framing and must be taped and, along with fastener heads, treated with joint compound.

**2.1.4.1.2 Exterior Face:** One layer of minimum  $\frac{5}{8}$ -inch-thick (15.9 mm), 48-inch-wide (1219 mm), Type X, water-resistant core gypsum sheathing is applied parallel to studs using No. 11 gage galvanized roofing nails,  $1\frac{3}{4}$  inches (44.5 mm) long with a  $\frac{7}{16}$ -inch- or  $\frac{1}{2}$ -inch-diameter (11.1 mm or 12.7 mm) head, at 4 inches (102 mm) on center at board edges and 7 inches (178 mm) on center at intermediate studs. The sheathing is nailed to top and bottom plates at 7 inches (178 mm) on center. A weather-resistive barrier complying with Section 2.1.2.11 of this report is required over the sheathing. The wire fabric lath and wall coating are then applied as described in Section 2.1.3.2.

##### **2.1.4.2 Second Assembly:**

**2.1.4.2.1 Interior Face:** One layer of  $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard is applied horizontally to wood studs spaced a maximum of 16 inches (406 mm) on

center. The wallboard is attached, using  $1\frac{5}{8}$ -inch-long (41.3 mm), No. 13 gage, gypsum wallboard nails having a  $\frac{19}{64}$ -inch-diameter (7.5 mm) head, at 6 inches (152 mm) on center around board edges and to studs and blocking. All wallboard joints must be backed by wood framing and taped and treated with joint compound. Fastener heads must be treated with joint compound.

**2.1.4.2.2 Exterior Face:** Three-and-five-eighths-inch-thick (92 mm), 15-inch-wide (381 mm), R-13, 1.72 pcf density (27.6 kg/m<sup>3</sup>), mineral wool batts, having a vapor barrier on one face, are stapled to one face of the framing members. One layer of  $\frac{1}{2}$ -inch-thick (12.7 mm), water-resistant core gypsum sheathing is fastened to the studs as described for gypsum wallboard in Section 2.1.4.2.1 of this report. A weather-resistive barrier of kraft waterproof paper complying with UBC Standard 14-1 is applied over the sheathing in accordance with the code. The 1-inch (25.4 mm) by No. 20 gage galvanized wire fabric lath and the wall coating are applied over the sheathing and weather-resistive barrier in accordance with Section 2.1.3.3.2 of this report. No foam plastic insulation is permitted.

##### **2.1.4.3 Third Assembly:**

**2.1.4.3.1 Interior Face:** One layer of  $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard is applied to nominal 2-by-4 wood studs spaced a maximum of 24 inches (610 mm) on center, with the gypsum wallboard's long dimension horizontal. Horizontal solid blocking must be installed at the wall midheight. The wallboard is attached with  $1\frac{5}{8}$ -inch-long (41.3 mm), cupped-head gypsum wallboard nails with a 0.30-inch-diameter (7.62 mm) head and 0.10-inch-diameter (0.254 mm) shank. The fasteners are spaced a maximum of 8 inches (203 mm) on all studs, plates and blocking. Wallboard joints must be covered with paper tape and gypsum joint compound. Fastener head must also be treated with joint compound. Kraft-paper-faced,  $3\frac{1}{2}$ -inch-thick (89 mm), R-11, fiberglass batt insulation complying with Section 707.3 of the code must be installed in the cavity of the wall.

**2.1.4.3.2 Exterior Face:** Any of the following substrates may be used:

- One layer of minimum  $\frac{1}{2}$ -inch-thick (12.7 mm) water-resistant core gypsum sheathing.
- One layer of minimum  $\frac{7}{16}$ -inch-thick (11.1 mm) oriented strand board (OSB).
- One layer of minimum  $\frac{7}{16}$ -inch-thick (11.1 mm) plywood.

The substrates must be as described in Section 2.1.2.5 or 2.1.2.9 of this report, and must be installed on the wood framing as described in Section 2.1.3.3.2 or 2.1.3.3.3, as applicable. Horizontal joints in the exterior face sheathing must be offset 24 inches (610 mm) from horizontal joints of the gypsum wallboard on the opposite wall face. A weather-resistive barrier complying with this report must be installed as described in this report. The lath and wall coating must be installed as described in this report.

**2.1.5 Noncombustible Construction:** When installed in accordance with Sections 2.1.5.1 through 2.1.5.6, the stucco system may be installed on exterior walls required to be of noncombustible construction.

**2.1.5.1 Interior Finish:** One layer of  $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard complying with ASTM C 36 is applied vertically to steel framing with all edges blocked. Fasteners are No. 8 by  $1\frac{1}{4}$ -inch-long (31.7 mm) buglehead screws fastened to board joints at 8 inches (203 mm) on center and to intermediate locations at 12 inches (305 mm) on center. All joints are taped and treated with joint compound. Intermediate fasteners are treated with compound.

For insulation boards applied to walls required to be of noncombustible construction, as noted in Section 2.1.5, each board must be identified along one edge, and one board from each insulation package must be identified on both faces, with the evaluation report number (ICBO ES ER-3899), the system name as stated in Table 1 of this report, and the ICBO ES evaluation report number for the foam plastic.

**3.0 EVIDENCE SUBMITTED**

Data in accordance with the ICBO ES Acceptance Criteria for Cementitious Exterior Wall Coatings (AC11), dated January 2001, and reports of tests in accordance with UBC Standards 26-4 and 7-1.

**4.0 FINDINGS**

That the exterior cementitious stucco wall coating systems and exterior cement plasters described in this report comply with the 1997 *Uniform Building Code*™ (UBC), subject to the following conditions:

- 4.1 The materials and methods of installation comply with this report and the manufacturer's instructions.
- 4.2 Installation is by contractors approved by the manufacturer.
- 4.3 The system is applied to walls required to be of noncombustible construction, in accordance with Section 2.1.5.
- 4.4 The axial load applied to the fire-resistive wall assemblies described in Sections 2.1.4.2 and 2.1.4.3 does not exceed the least of the following:
  - 4.4.1 1,100 pounds (4895 N) per stud
  - 4.4.2 Design stress, based on  $0.78 F'_c$ , in accordance with Chapter 23, Division III, of the UBC.

4.4.3 Design stress of  $0.78 F'_c$  at a maximum  $l/d$  ratio of 33.

4.4.4 For the assembly described in Section 2.1.4.2, 54 percent of the load calculated in accordance with Chapter 23, Division III, of the UBC.

4.4.5 For the assembly described in Section 2.1.4.3, 44.7 percent of the load calculated in accordance with Chapter 23, Division III, of the UBC.

4.5 The axial load design stress for the fire-resistive wall assembly described in Section 2.1.4.1 is limited to  $0.78 F'_c$ , and the maximum stress does not exceed  $0.78 F'_c$  at a maximum  $l/d$  ratio of 33.

4.6 The interior of the building is separated from the foam plastic boards by a thermal barrier complying with Section 2602.4 of the code, such as 1/2-inch-thick (12.7 mm) regular gypsum wallboard applied in accordance with Table 25-G of the UBC.

4.7 An installation card, such as shown in Figure 3, is completed and left at the jobsite for the owner, and a copy is filed with the building department.

4.8 The allowable wind load on the cementitious one-coat stucco systems with studs a maximum of 24 inches (610 mm) on center is 35 psf (1.68 kN/m<sup>2</sup>), except for gypsum sheathing substrates, for which the allowable wind load is 25 psf (1.20 kN/m<sup>2</sup>). Support framing must be adequate to resist the design load.

This report is subject to re-examination in two years.

TABLE 1—CROSS REFERENCE INDEX

COMPANY NAME	SYSTEM NAME	PRODUCT NAME
Western Stucco Products, Inc.	Western 1-Kote Exterior Stucco System	Western 1-Kote
Dryvit Systems, Inc.	Dryvit Stucco Plus System	Stucco Plus Concentrate
Sto Corp.	Sto One-coat Stucco System	Sto One-coat Stucco
Mater Wall Inc.	Master Wall One Coat Stucco System	OCS

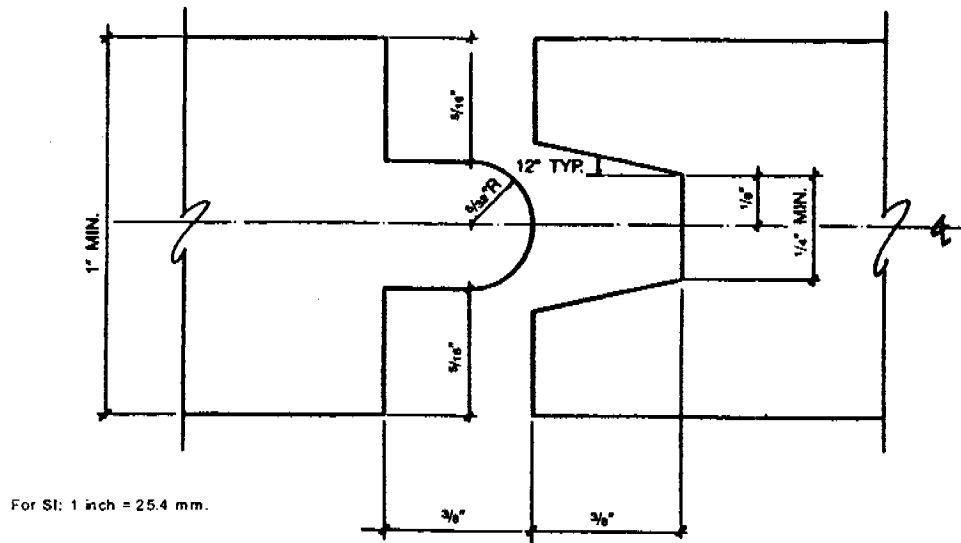
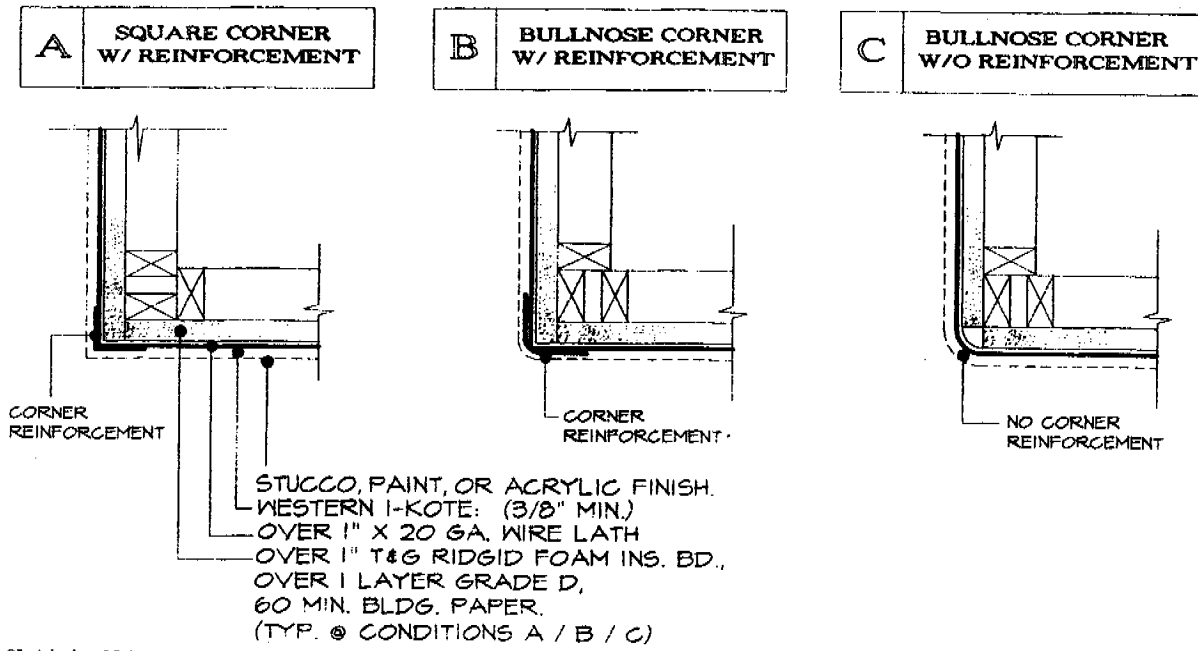


FIGURE 1—TONGUE AND GROOVE





For SI: 1 inch = 25.4 mm.

FIGURE 2—TYPICAL INSTALLATION DETAILS—(Continued)

**INSTALLATION CARD**

(Coating system Trade Name)  
(Name of coating manufacturer)

Job Address

3288 8th Ave  
Sacramento, CA  
958

ICBO Evaluation Service, Inc.,  
Evaluation Report ER-\_\_\_\_\_

Date of Job Completion \_\_\_\_\_

Plastering Contractor

Name: \_\_\_\_\_



Address: \_\_\_\_\_

601 Sutter St., West Sacramento, CA 95691

Telephone No.: ( ) \_\_\_\_\_

Approved contractor number as issued by coating manufacturer: 769 WISBY

This is to certify that the exterior coating system on the building exterior at the above address has been installed in accordance with the evaluation report specified above and the manufacturer's instructions.

Signature of authorized representative or plastering contractor \_\_\_\_\_ Date \_\_\_\_\_

This installation card must be presented to the building inspector after completion of work and before final inspection.

FIGURE 3

This form is to be filled out completely & signed by applicant/owner/contractor responsible for Title 24 Energy Compliance & returned to the field inspector at final.

**INSTALLATION CERTIFICATE**

(Page 1 of 13)

CF-6R

Site Address \_\_\_\_\_

Permit Number \_\_\_\_\_

An installation certificate is required to be posted at the building site or made available for all appropriate inspections. (The information provided on this form is required; however, use of this form to provide the information is optional.) After completion of final inspection, a copy must be provided to the building department (upon request) and the building owner at occupancy, per Section 10-103(b).

**HVAC SYSTEMS:**

**Heating Equipment**

Equip. Type (pkg. heat pump)	CEC Certified Mfr Name and Model Number	# of Identical Systems	Efficiency (AFUE, etc.) <sup>1</sup> [ $\geq$ CF-1R value]	Duct Location (attic, etc.)	Duct or Piping R-value	Heating Load (Btu/hr)	Heating Capacity (Btu/hr)
VK Split	Payne P687A0098010	1	80	Attic	R-6		66,000 in put (51k out)

**Cooling Equipment**

Equip. Type (pkg. heat pump)	CEC Certified Compressor Unit Mfr Name and Model Number	# of Identical Systems	Efficiency (SEER, etc.) <sup>1</sup> [ $\geq$ CF-1R value]	Duct Location (attic, etc.)	Duct R-value	Cooling Load (Btu/hr)	Cooling Capacity (Btu/hr)
A/C Split	Goodman Manufacturing Company CBL491L	1	10.0 SEER	Attic	R-6		78,000 BTU

1.  $\geq$  reads greater than or equal to.

I, the undersigned, verify that equipment listed above is: 1) is the actual equipment installed, 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-1R) submitted for compliance with the Energy Efficiency Standards for residential buildings, and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable:

03-27-06  
Signature, Date

DM? Mechanical P  
Installing Subcontractor (Co. Name)  
OR General Contractor (Co. Name) OR Owner

**WATER HEATING SYSTEMS:**

Heater Type	CEC Certified Mfr Name & Model Number	Distribution Type (Std. Point-of-Use)	If Recirculation, Control Type	# of Identical Systems	Rated <sup>2</sup> Input (kW or Btu/hr)	Tank Volume (gallons)	Efficiency <sup>2</sup> (EF, RE)	Standby <sup>2</sup> Loss (%)	External Insulation R-value <sup>3</sup>
V2 NG	Ames 110301 water H.CO. PV6 0250 T60 NV	STD	N/A	1	60,000 Btu/hr	50	0.60	50%	6 R11

- For small gas storage (rated input of less than or equal to 75,000 Btu/hr), electric resistance and heat pump water heaters, list Energy Factor. For large gas storage water heaters (rated input of greater than 75,000 Btu/hr), list Recovery Efficiency, Standby Loss and Rated Input. For instantaneous gas water heaters, list Recovery Efficiency and Rated Input.
- R-12 external insulation is mandatory for storage water heaters with an energy factor of less than 0.58.

**Faucets & Shower Heads:**

All faucets and showerheads installed are certified to the Commission, pursuant to Title 24, Part 6, Section 111.

I, the undersigned, verify that equipment listed above my signature is: 1) the actual equipment installed; 2) equivalent to or more efficient than that specified in the certificate of compliance (Form CF-1R) submitted for compliance with the Energy Efficiency Standards for residential buildings; and 3) equipment that meets or exceeds the appropriate requirements for manufactured devices (from the Appliance Efficiency Regulations or Part 6), where applicable.

\_\_\_\_\_  
Signature, Date

\_\_\_\_\_  
Installing Subcontractor (Co. Name) OR  
General Contractor (Co. Name) OR Owner

COPY TO: Building Department  
HERS Provider (if applicable)  
Building Owner at Occupancy

Site Address \_\_\_\_\_

Permit Number \_\_\_\_\_

**FENESTRATION/GLAZING:**

Manufacturer/Brand Name (GROUP LIKE PRODUCTS)	Product U-Factor <sup>1</sup> (≤ CF-1R value) <sup>2</sup>	Product SHGC <sup>1</sup> (≤ CF-1R value) <sup>2</sup>	# of Panes	Total Quantity of Like Product (Optional)	Square Feet	Exterior Shading Device or Overhang	Comments/Location/Special Features
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

<sup>1</sup> Manufactured fenestration products use the values from the product label. Field fabricated fenestration products use the default values from Section 116 of the Energy Efficiency Standards.

<sup>2</sup> Installed U-Factor must be less than or equal to values from CF-1R. Installed SHGC must be less than or equal to values from CF-1R, or a shading device (exterior or overhang) is installed as specified on the CF-1R. Alternatively, installed weighted average U-Factors for the total fenestration area are less than or equal to values from CF-1R.

I, the undersigned, verify that the fenestration/glazing listed above my signature: 1) is the actual fenestration product installed; 2) is equivalent to or has a lower U-Factor and lower SHGC than that specified in the certificate of compliance (Form CF-1R) submitted for compliance with the *Energy Efficiency Standards* for residential buildings; and 3) the product meets or exceeds the appropriate requirements for manufactured devices (from Part 6), where applicable.

Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner OR Window Distributor
Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner OR Window Distributor
Item #s (if applicable)	Signature, Date	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OR Owner OR Window Distributor

COPY TO: Building Department  
HERS Provider (if applicable)  
Building Owner at Occupancy



**CITY OF SACRAMENTO**

[www.cityofsacramento.org](http://www.cityofsacramento.org)

Help Line: 1-916-808-5656 OR 1-866-EZ-PERMIT  
 Inspection: 1-916-808-7622

Downtown Permit Center  
 1231 I Street, Suite 200  
 Sacramento, CA 95814

North Permit Center  
 2101 Arena Blvd., Suite 200  
 Sacramento, CA 95834

**SITE DRAINAGE AND ENCROACHMENT QUESTIONNAIRE**

PARCEL # 013 - 0284 - 011 PERMIT # 0513133  
 SITE ADDRESS 3288 8<sup>th</sup> ave, Saci ACREAGE \_\_\_\_\_  
CA; 95817

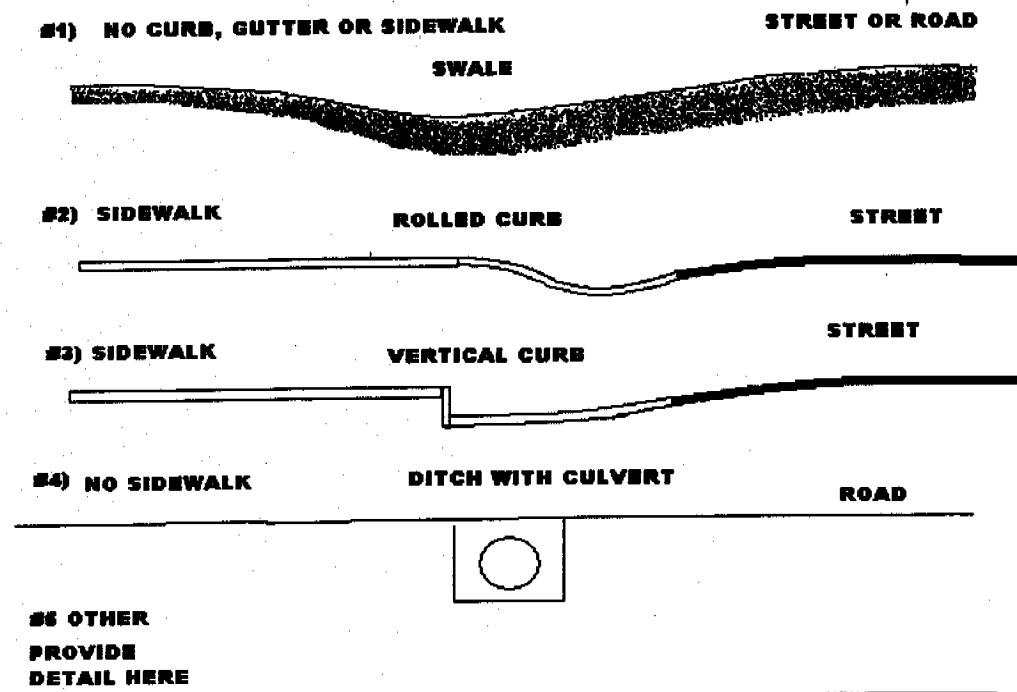
The City of Sacramento requires a building site to be graded to drain correctly and site drainage routed to an approved location. To help us understand the site drainage for your project and determine if a driveway permit or an encroachment permit is required please answer the following questions. All questions must be answered.

- |  |                                    |  |
|--|------------------------------------|--|
| 1. Are there existing structures on the site?                                      | Y                                  | <input checked="" type="radio"/> N     |
| 2. Is there an existing concrete or paved driveway to this parcel from the street? | <input checked="" type="radio"/> Y | *N                                     |
| 3. Will the existing access to this parcel be changed in any way for this project? | *Y                                 | <input checked="" type="radio"/> N     |
| 4. Are all portions of the lot higher than the crown of the street?                | <input checked="" type="radio"/> Y | *N                                     |
| 5. Are all portions of the lot higher than the back of the sidewalk?               | <input checked="" type="radio"/> Y | *N                                     |
| 6. Is there a curb and gutter at the street level?                                 | *Y                                 | <input checked="" type="radio"/> N     |
| 7. Is there a sidewalk with a curb and gutter at the street?                       | <input checked="" type="radio"/> Y | N                                      |
| 8. Is the curb at the street square?   | *Y                                 | <input checked="" type="radio"/> N N/A |
| 9. Is there a rolled curb at the street?   | <input checked="" type="radio"/> Y | N N/A                                  |
| 10. Is there a drainage ditch or culvert at the street?                            | <input checked="" type="radio"/> Y | *N N/A                                 |
| 11. Does the lot drain from back to front?   | <input checked="" type="radio"/> Y | *N                                     |
| 12. Does the lot drain from front to rear?   | Y                                  | <input checked="" type="radio"/> *N    |
| 13. Does another lot drain across this parcel?                                     | *Y                                 | <input checked="" type="radio"/> N     |
| 14. Does the lot drain from side to side?  | *Y                                 | <input checked="" type="radio"/> N     |
| 15. Does the site have an existing low area or drainage swale?                     | *Y                                 | <input checked="" type="radio"/> N     |
| 16. Does the drainage swale drain to an adjacent parcel?                           | *Y                                 | <input checked="" type="radio"/> N N/A |
| 17. Does the drainage swale drain to the street?                                   | <input checked="" type="radio"/> Y | *N N/A                                 |
| 18. Will existing drainage be re-routed?   | *Y                                 | <input checked="" type="radio"/> N     |
| 19. Will drainage ditches or culverts be constructed or modified?                  | *Y                                 | <input checked="" type="radio"/> N N/A |
| 20. Did this project require approval from the Zoning Administrator?               | *Y                                 | <input checked="" type="radio"/> N     |
| 21. Did the project require approval from the Planning Administrator?              | *Y                                 | <input checked="" type="radio"/> N     |

**SITE DRAINAGE AND ENCROACHMENT QUESTIONNAIRE**

- 22. Is there any tree, telephone pole, guy wire or similar obstruction located at the front of the property adjacent to the street or road? \*Y  N
- 23. Is this a corner lot? \*Y  N
- 24. Is the posted speed limit on this street greater than 25 MPH? \*Y  N
- 25. Is this parcel located on a four-lane street? \*Y  N
- 26. If site is greater than 1/2 acre has an erosion and sediment control plan been submitted? Y  \*N N/A
- 27. If site disturbs 1 acre or more has a copy of the State General Permit NOI and SWPPP been submitted? Y  \*N N/A
- 28. If site is part of a larger subdivision greater than 1 acre has a copy of the State General Permit NOI and SWPPP been submitted? Y \*N  N/A

**CIRCLE THE DRAWING NUMBER BELOW THAT BEST ILLUSTRATES THE EXISTING CONDITION AT THE LOCATION OF THE PROPOSED DRIVEWAY OR SITE ACCESS.**



The information provided on this document is accurate. I understand that if this form is incomplete, contains inaccurate or misleading information, the project located at this address may be delayed until any drainage or encroachment issues are resolved to the satisfaction of the City of Sacramento.

SIGNED [Signature]      DATE 9-27-05  
 TITLE Contractor  
 PHONE NO. (916) 997-7373