

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0104065
Insp Area: 3

Site Address: 5871 19TH AV SAC
Parcel No: 021-0221-006

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

CONTRACTOR
PETKUS BROS
3068 SUNRISE BL
RANCHO CORDOVA CA

OWNER
LEWIS SUSAN C
5871 19TH AV
SACRAMENTO CA 95820

ARCHITECT

Nature of Work: PATIO ENCLOSURE 12X15

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 B License Number 670242 Date 4-3-01 Contractor Signature [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: _____

Date _____ Owner Signature _____

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 hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 4-3-01 Applicant/Agent Signature [Signature]

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 STATE FUND Policy Number 713-00 0000502 Exp Date 10/01/2001

(This section need not be completed if the permit is for \$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 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.

Date 4-3-01 Applicant Signature [Signature]

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.

Date of Request: _____
By: _____

**CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST**

Project Address: 5871 19th Ave

Assessor's Parcel Number: 021-0221-004

Previous Use: exist. S.F.R.

Description of Request/Proposed Use: addition of patio enclosure
("Garden Room")

Is This a Change of Use? NO

Prior Applications for Project Site(P#, Z#, DRPB#): none
Zoning Designation: R-1

Comments: meets all setback & lot coverage requirements

Are There Any Planning Issues?: (circle one) YES NO

* Staff Site Plan Check Required? (Circle one) YES NO

* Field Inspection Required? (Circle one) YES NO

* Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: Phil Reed 4/3/01

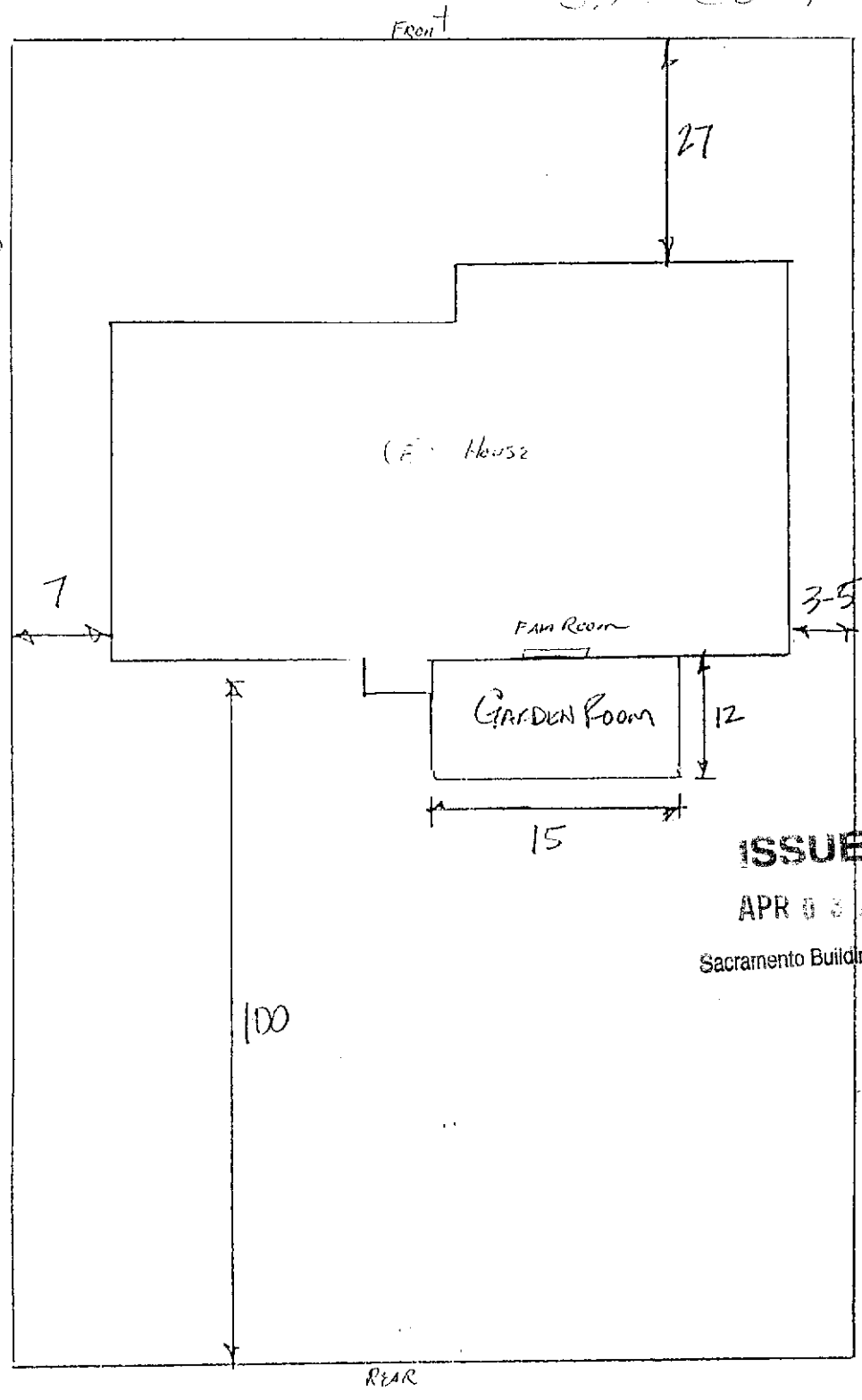
A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

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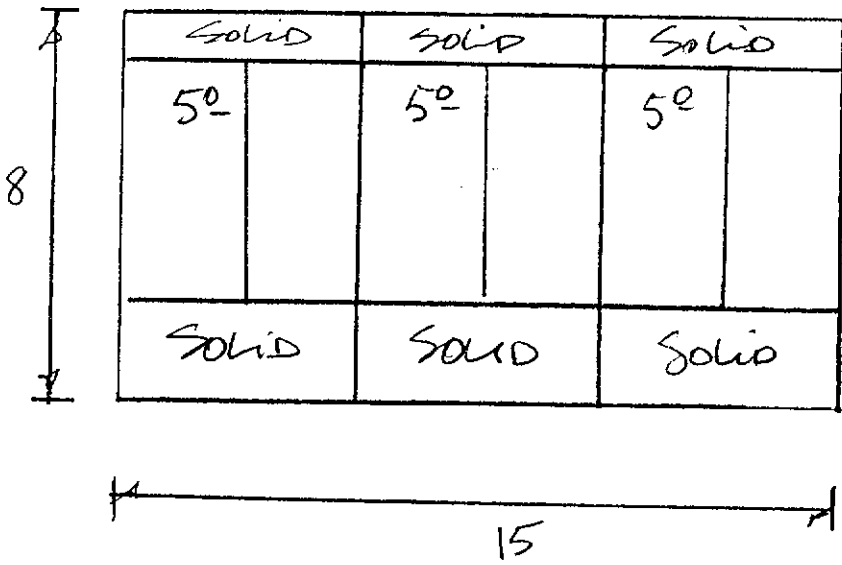
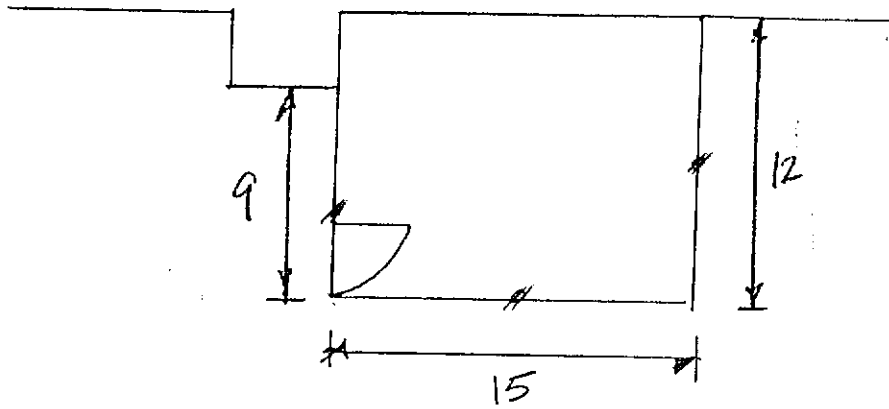
CITY COPY

SUE LEWIS
5871 19th AVE
SACTO CA. 95820

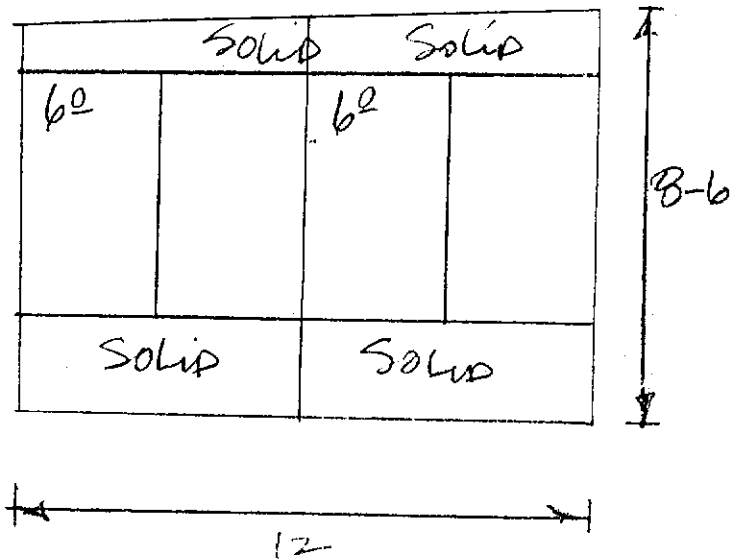
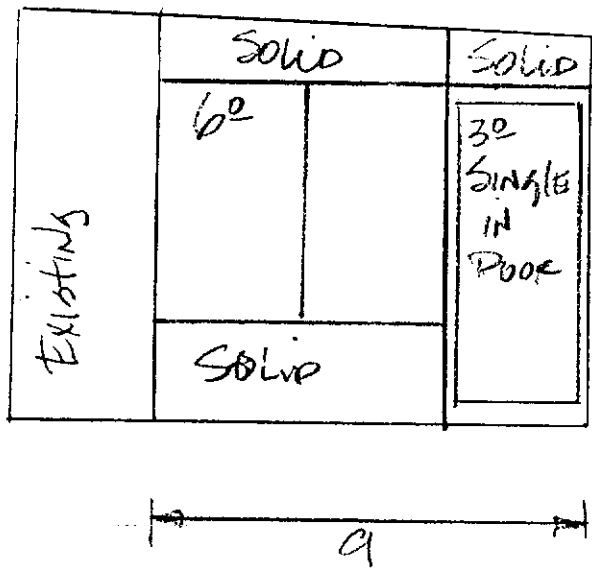


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Bryan Nakas



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(408) 385-2400
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Cable ULINC SANTA CLARA, CA



File MH17222

Vol. 1

Issued: 7-14-95

FOLLOW-UP SERVICE PROCEDURE

(TYPE R)

COMPOSITE PANELS (QRSY)



Manufacturer: See Section General
Applicant: Alumet Building Products Inc
(197017-001) 227 S. Town East Blvd.
Mesquite, TX 75149

Classified Company: Same as Applicant

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This Procedure authorizes the above Manufacturer to use the Classification Mark of Underwriters Laboratories Inc. only on Classified products covered by this Procedure, in accordance with the Classification and Follow-Up Service Agreement.

The Prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and the representatives of Underwriters Laboratories Inc. and is not used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

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UNDERWRITERS LABORATORIES INC.

S. JOE BHATIA
Vice-President, Follow-Up Services

MCR/JS:qc
SCDLS

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dedicated to public safety and
committed to quality service

ALLMET BUILDING PRODUCTS, INC.

6450-A CABALLERO BLVD.
BUENA PARK, CA 90620
TELEPHONE: 714-522-7852 / 800-457-9959 • FAX: 800-742-0464
www.allmet.com



**Component of Composite Panel Sunroom Series 2000
Load Bearing Beam Raceway - Cat. No. 685425
Wire Types: RHW, RHH, THHN, THWN, TW, THW, THHW
Maximum of Nine 12AWG Conductors in any Raceway Section
Manufactured By: Allmet Building Products, Buena Park, CA**

CLASSIFIED  6T40

**COMPOSITE PANEL Classified By
UNDERWRITERS LABORATORIES, INC.
In Accordance With The National Electric Code
And Surface Burning Characteristics Rating of 200
Composite Panel System, Sunroom Series 2000
System Is Composed of the Following Components:
2" Vertical Raceway - Cat. No. 686426
Load Bearing Beam Raceways - Cat. No. 685425
Wall Panels - Cat. No. 68514
Roof Panels - Cat. No. 68500
and/or Roof Panels - Cat. No. 68502
Manufactured By: Allmet Building Products**

**Component of Composite Panel Sunroom Series 2000
2" Vertical Raceway - Cat. No. 685426
Wire Types: RHW, RHH, THHN, THWN, TW, THW, THHN
Maximum of Nine 12AWG Conductors in any Raceway Section
Manufactured By: Allmet Building Products, Buena Park, CA**

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APR 03 2001

Sacramento Building Division

VAL JACKLIN
OPERATIONS MANAGER

ALLMET BUILDING PRODUCTS, INC.
6450-A CABALLERO BLVD.
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File. MH17222

Vol. 1 Sec. 1
and Report

Ill. 2

Issued: 7-6-93

ALCAN BUILDING PROD.
14113 E. 183. ST.
CERRITOS, CA. 90701



ALCAN BUILDING PRODUCTS
ELECTRICAL RACEWAY SUGGESTIONS

- PAGE 1 PART DETAILS
- PAGE 2 DRAWING FOR PART DETAILS
- PAGE 3 ELECTRICAL PART BREAKDOWN
- PAGE 4 RACEWAY INSTALLATION INSTRUCTIONS
- PAGE 5 WIRING METHOD FOR ROOM
- PAGES 6 & 7 DRAWING TO BE USED WITH WIRING METHODS
- PAGE 8 WIRING METHOD FOR 3" W/B II ROOF
- PAGE 9 DRAWING FOR 3" W/B II ROOF WITH ELECT. RACEWAY



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REPORT PREPARED BY PAUL YATES
3/1/93
REVISED 4/12/93

COVER SHEET

ALCAN BUILDING PRODUCTS

WALL PANEL:
APPROVED AS BUILDING COMPONENTS AND/OR
BUILDING SYSTEMS FOR CALIFORNIA FACTORY-
BUILT HOUSING PLAN APPROVAL I.D HCP 274

WIRING:
NOT PROVIDED. ILLUSTRATES TYPICAL CONSTRUCTION
UL APPROVED PRODUCTS ARE TO BE USED.

FIG. 1 ELECTRICAL LOAD BEARING BEAM:
EXTRUDED ALUMINUM, TYPICAL THICKNESS .062 IN.
PROVIDED IN VARIOUS LENGTHS. COMPOSITE PANELS
2 INCHES

FIG. 2 ELECTRICAL CHASE MULLION:
EXTRUDED ALUMINUM, .050 INCH THICK, 2 INCH ID
THE MULLION MAY BE ADDED TO THE DOOR MULLION,
WINDOW-WINDOW MULLION, WINDOW PANEL MULLION
AND PANEL TO PANEL MULLION.
CONSISTING OF 3 PCS. ELEC. CHASE MULLION,
AND 2 SNAP-IN COVER PLATES

FIG. 3 ILLUSTRATES TYPICAL CONSTRUCTION:
(WIRING AND RECEPTACLES NOT PROVIDED)
WIRING DEVICES MUST BE UL APPROVED PRODUCTS

FIG. 4 BOTTOM COVER IS PRE-CUT & PUNCHED WITH HOLES FOR
ELECTRICAL RECEPTACLE.
ALL VERTICAL SNAP-IN COVERS HAVE METAL CLIPS.

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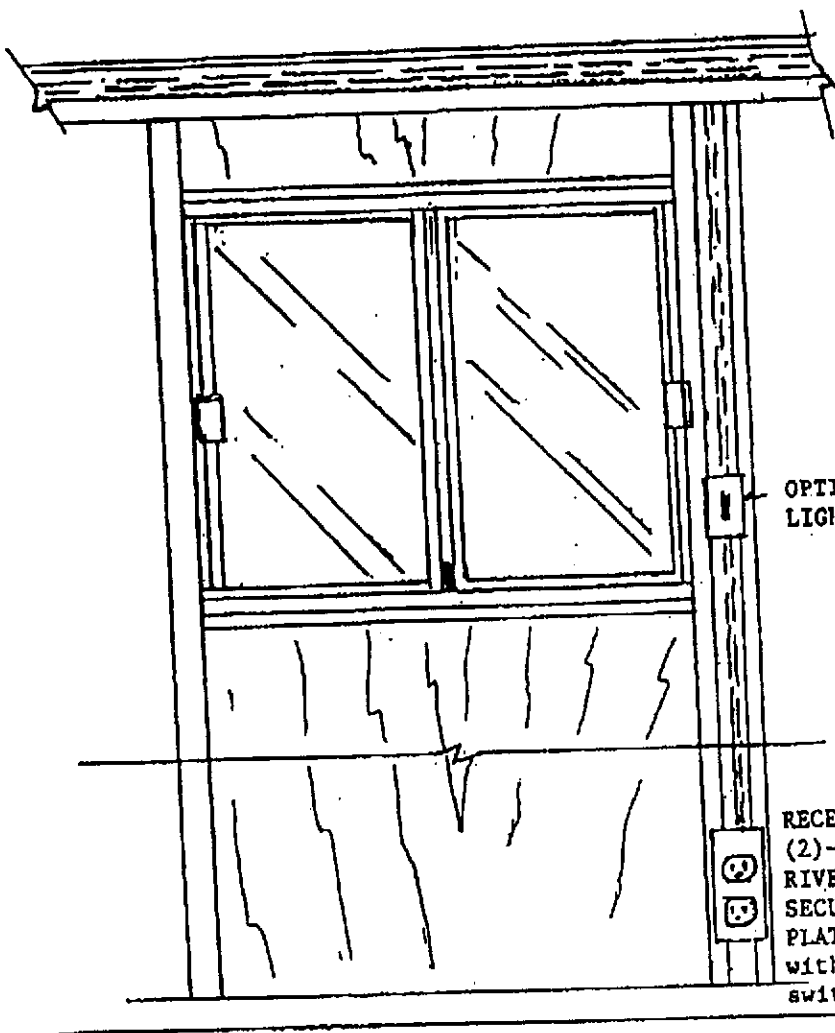


FIG. 3 ILLUSTRATES TYPICAL CONSTRUCTION

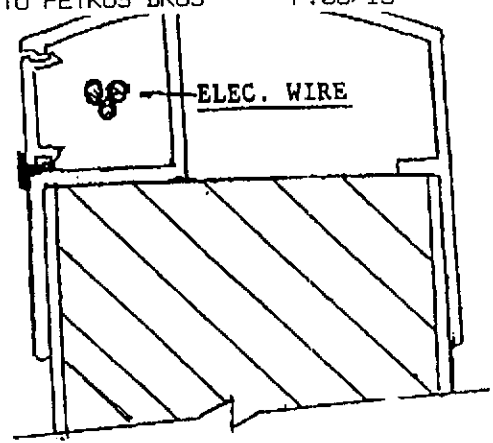
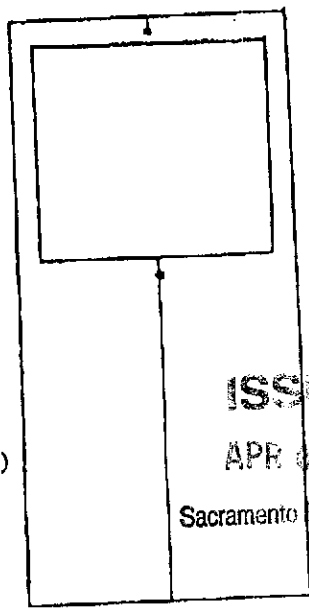


FIG. 1 ELECTRICAL LOAD BEARING BEAM

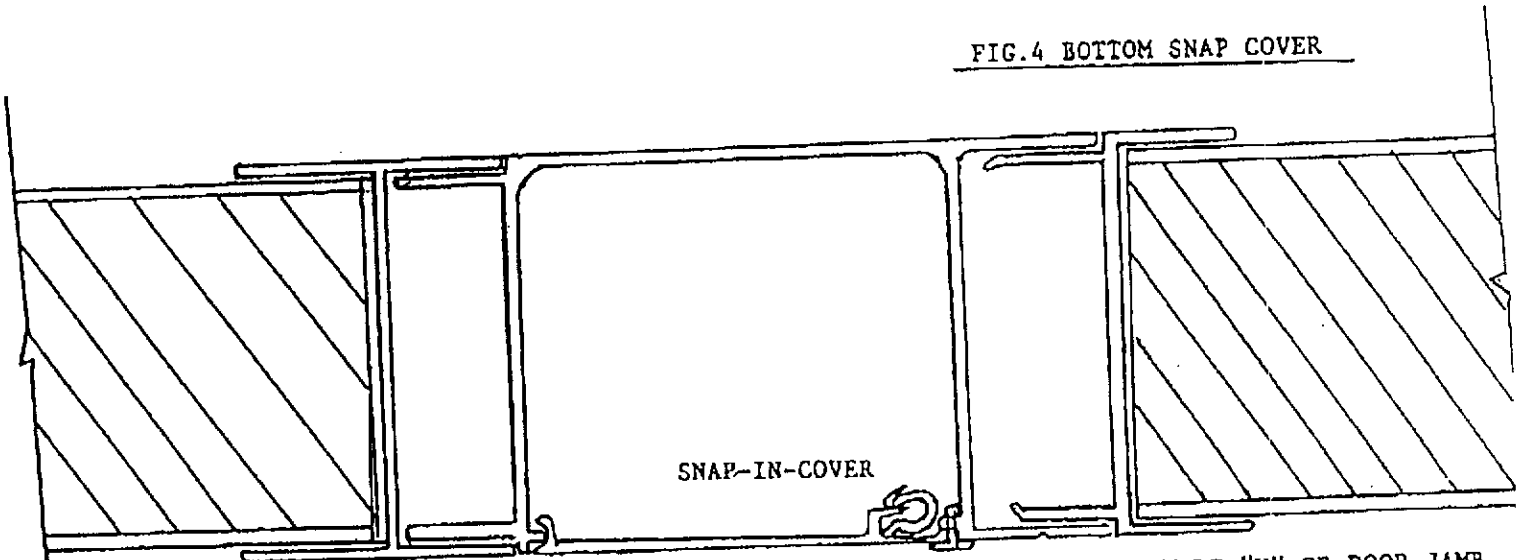
OPTIONAL
LIGHT SWITCH

RECEPTACLE
(2)-1/8" POP
RIVETS TO
SECURE COVER
PLATE. (same
with light
switch cover)



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FIG. 4 BOTTOM SNAP COVER



FEMALE "H" OR STANDARD "H"

SNAP-IN-COVER

MALE "H" OR DOOR JAMB

FIG. 2 ELECTRICAL CHASE MULLION

RACEWAY FOR ROOM

***WIRE TYPE
ALL WIRING TO BE USED IN THE RACEWAYS IS NO. 12 AWG, TYPE T,TW, XHHW OR THHN,
COPPER CONDUCTORS.

3 WIRES WILL BE USED:BLACK,WHITE AND GREEN FOR GROUND AND GROUND STRAPS.

***ALL RECEPTACLES AND SWITCHES
ARE TO BE GROUNDING TYPE, RATED 125V, 15 A ON A 15A CIRCUIT, 20 A ON A 20 A
CIRCUIT, AND 15 OR 20 A IF TWO OR MORE ARE ON A 20 A CIRCUIT.

***CONDUIT FILL

WIRE TYPE	MAXIMUM NUMBER OF NO. 12 AWG COPPER CONDUCTORS	
	1/2-IN CONDUIT	3/4-IN CONDUIT
T, TW, XHHW,	7	12
THHN	10	18

***BUSHINGS

HOLES THROUGH WHICH WIRES WILL PASS FROM LOAD BEARING BEAM TO RACEWAY WILL
USE APPROVED BUSHING OR SHALL HAVE SMOOTH, WELL-ROUNDED SURFACES. UPON WHICH
THE WIRES MAY BEAR. USE OF PLASTIC BUSHING 1/2" I/D WITH 5/8" O/D HOLE SIZE OR
METAL WILL BE USED.

***BOTTOM SNAP COVER AND LIGHT SWITCH COVER
AFTER BOTTOM SNAP COVER IS IN PLACE SECURE WITH TWO (2) POP RIVETS ON SPRING
SIDE OF COVER BESIDE RECEPTACLES SO THEY WILL NOT PULL OUT

RACEWAY FOR 3" ROOF

***WIRE TYPE
ALL WIRING TO BE USED IN THE RACEWAYS IS NO. 12 AWG, TYPE T,TW, XHHW OR THHN,
COPPER CONDUCTORS.

3 WIRES WILL BE USED:BLACK, WHITE AND GREEN FOR GROUND AND GROUND STRAPS.

***CONDUIT FILL

WIRE TYPE	MAXIMUM NUMBER OF NO. 12 AWG COPPER CONDUCTORS	
	1/2-IN CONDUIT	3/4-IN CONDUIT
T, TW, XHHW,	7	12
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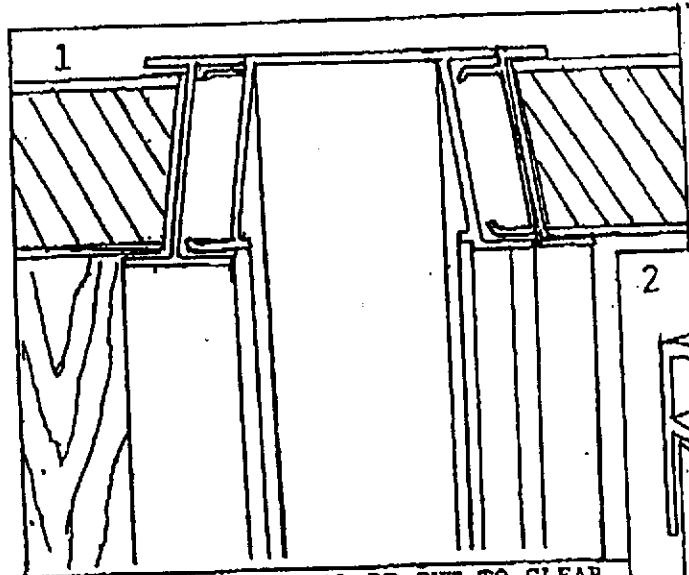
***JUNCTION BOX

BOX DIMENSIONS	CUBIC INCH CAPACITY	MAXIMUM NUMBER OF NO. 12 AWG
3-1/4" X 1-1/2" OCTAGONAL	10.9	4

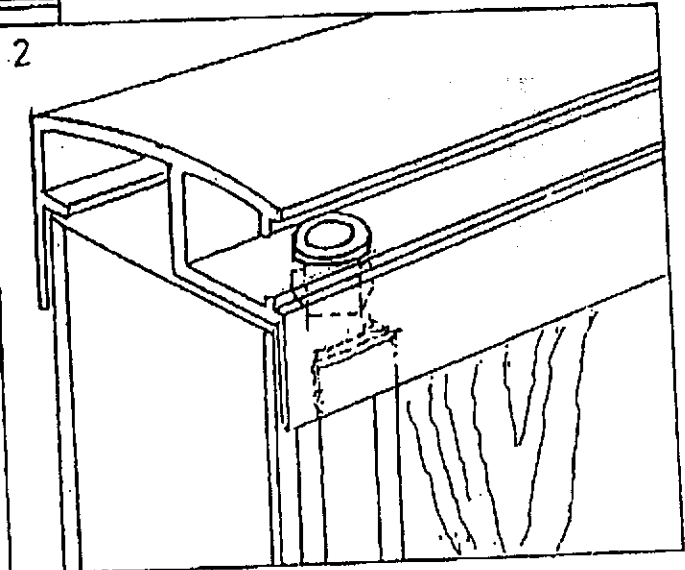
***ALL OUTSIDE BOXES,METAL RACEWAYS AND BEAMS WILL BE SEALED SAME AS THE
ROOM EXTERIOR WALLS AND EXTRUSIONS WITH APPROVED CAULKING.



RACEWAY INSTALLATION INSTRUCTIONS

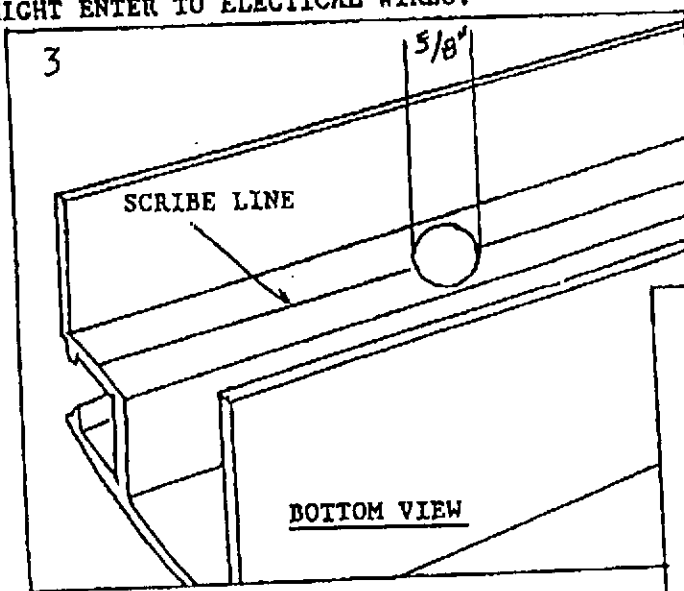


1- THE MULLION MAY BE ADDED TO THE DOOR MULLION, WINDOW-WINDOW MULLION, WINDOW PANEL MULLION and PANEL TO PANEL MULLION WITH MALE "H" ON ONE SIDE FEMALE "H" OR STANDARD "H" ON OTHER SIDE.

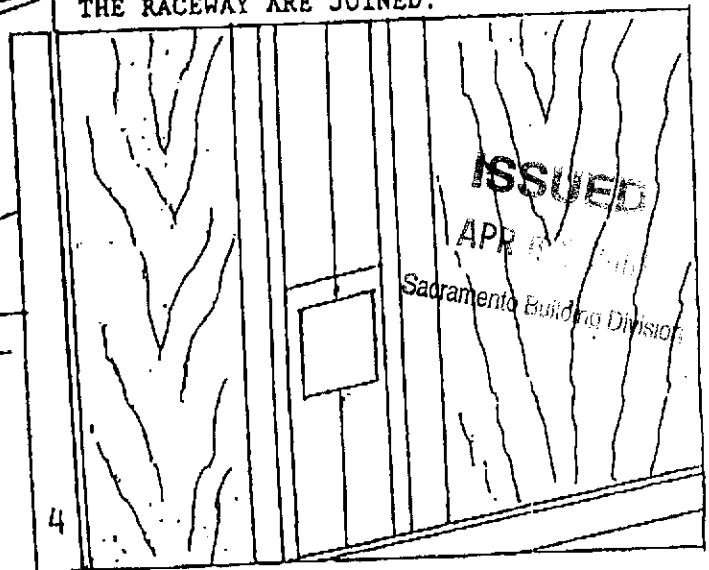


2- RACEWAY COVER SHOULD BE CUT TO CLEAR ELECTRICAL CHASE NIPPLE IN HEADER BEAM. COVER IS DESIGNED TO SLIDE WHILE IN PLACE ENABLING PROPER POSITIONING INTO BOTTOM TRACK AND HEADER BEAM

CAUTION DO NOT DRILL/SCREW IN CENTER CAVITY ON VERTICAL RACEWAY, WATER MIGHT ENTER TO ELECTRICAL WIRES.



3- RACEWAY HOLES IN THE HEADER BEAM ARE NOT FACTORY PUNCHED. 5/8" HOLES ARE LOCATED AND DRILLED BY INSTALLER AT BOTTOM WEB OF HEADER BEAM(CENTER ON SCRIBE LINE), BEFORE JOINING MODULES WITH RACEWAY. THIS IS VERY IMPORTANT FOR IT WILL BE VERY DIFFICULT TO DRILL HOLE AFTER THE TWO MODULES CONTAINING THE RACEWAY ARE JOINED.



4-ON VERTICAL RACEWAY SNAP BOTTOM (PRE-PUNCHED) COVER IN RACEWAY SLIDE DOWN INTO BOTTOM TRACK. SNAP IN TOP COVER PUSH UP UNDER ELECTRICAL BEAM, OR PUT BEAM UP AFTER WALLS OR UP

*NOTE-SECURE RECEPTACLE WITH (2)-1/8" POP RIVETS ON SPRING SIDE OF COVER TO KEEP RECEPTACLE FROM BEENING PULLED OUT

*NOTE-WHERE RACEWAY IS TO BE USED FOR ELECTRICAL PURPOSE, OBTAIN PERMISSION FROM LOCAL BUILDING DEPARTMENT. A LICENSED ELECTRICAL CONTRACTOR MUST BE USED AND AN ELECTRICAL PERMIT MUST BE OBTAINED

WIRING METHOD FOR ROOM

BEFORE INSTALLING ROOM WITH ELECTRICAL RACEWAY & ELECTRICAL LOAD BEARING BEAM BE SURE TO DRILL HOLES (5/8" THROUGH BOTTOM OF BEAM ON SCRIBE LINE) FOR BUSHINGS WHERE NEEDED. USING UL APPROVED BUSHING (PLASTIC OR METAL)

NOTE LAYOUT RACEWAYS RUN A RAZOR BLADE OR SHARP KNIFE DOWN EACH SIDE TO SEPARATE COVERS FROM RACEWAYS. MAKE SURE TO MARK BOTTOM OF RACEWAYS SO COVERS WILL GO ON THE SAME WAY THEY CAME OFF.

AFTER ROOM & TOP ARE INSTALLED PER BUILDING CODE & ALCANS SUGGESTIONS, BRING METAL RIGID CONDUIT FROM EXISTING POWER SUPPLY USING APPROVED FITTINGS.

INSTALLING DUMMY RACEWAY AT WALL NEXT TO WALL CHANNEL OR GOING TO FIRST ELECTRICAL CHASE MULLION (VERTICAL RACEWAY). ATTACH A UL LISTED BOX FOR OUTSIDE USE AND UL LISTED FITTINGS. DRILL HOLE FOR BUSHING, ATTACH BOX TO VERTICAL RACEWAY USING #8 X 5/8 TEX. SCREWS INTO OUTSIDE VERTICAL UPRIGHT PORTIONS OF ELECTRICAL RACEWAY, SO AS TO KEEP RACEWAY WATERTIGHT. INSTALL UL APPROVED BUSHING INTO BOX & RACEWAY.

PROCEED TO ALL RACEWAYS WHERE OUTLET RECEPTACLES ARE TO BE LOCATED, INSTALL BOTTOM SNAP-IN COVER WHICH IS PRE CUT & PUNCHED FOR RECEPTACLES. SNAP IN AT BOTTOM OF RACEWAY, SLIDE DOWN INTO BOTTOM TRACK. USING CRACK AS DRILL LINE, SECURE TO RACEWAY BY USING 2-1/8" POP RIVETS ON SPRING SIDE OF COVER BETWEEN COVER & RACEWAY NEXT TO OUTLET POSITION. SO RECEPTACLE WILL NOT PULL OUT. AND (2) 1/8" POP RIVETS TO BOTTOM TRACK INTO COVER *NOTE (THESE POP RIVETS WILL BE ALL ALUMINUM AND UNPAINTED)

RUN #12 AWG. INSULATED COPPER WIRE OR CONDUCTORS (RHW, TW, THW, THWH, XHHW) USING BLACK FOR POWER, WHITE FOR NEUTRAL & GREEN FOR GROUND. PULL WIRES UP RACEWAY TO LOAD BEARING BEAM THROUGH BUSHING ACROSS ELECTRICAL LOAD BEARING BEAM TO FIRST RACEWAY. PULL WIRES THROUGH BUSHING DOWN RACEWAY TO OUTLET LEAVE AT LEAST 12" OF WIRE EXPOSED. CUT PROCEED UP RACEWAY TO BEAM THROUGH BUSHING TO NEXT RACEWAY UNTIL ALL WIRE IS INSTALLED

INSTALL ALL RECEPTACLE OUTLETS, USING AN UL APPROVED GROUNDING TYPE RECEPTACLE (RATED 125V, 15 A OR 20A) WIRE BLACK TO GOLD SIDE WHITE TO SILVER SIDE & USING GREEN FOR GROUND. INSTALL GROUND WITH GROUND CLIP (TO BE HIDDEN WHEN COVER IS APPLIED) & ATTACH RECEPTACLE TO COVER WITH APPROVED SCREWS OR THE ONES THAT COME WITH RECEPTACLE. ATTACH UL APPROVED OUTLET COVER.

NOTE ALL POP RIVETS WILL BE ALL ALUMINUM AND UNPAINTED TO CONTINUE
***** GROUND PATHS.

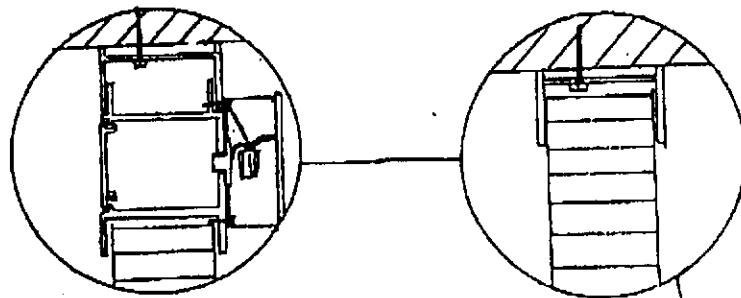
ALL RECEPTACLE OUTLETS WILL BE SECURED WITH (2) 1/8" UNPAINTED POP RIVETS ON SPRING SIDE OF COVER SO THEY WILL NOT PULL OUT OF WALL

ALL OUTSIDE OF ROOM AND TOP WILL BE SEALED PER ALCANS INSTALLATION SUGGESTION TO PREVENT LEAKS.

ALL CUT-OUTS FOR ELECTRICAL BOXES AND ACCESS HOLES WILL SMOOTHED OUT, WHICH WIRES WILL BEAR.

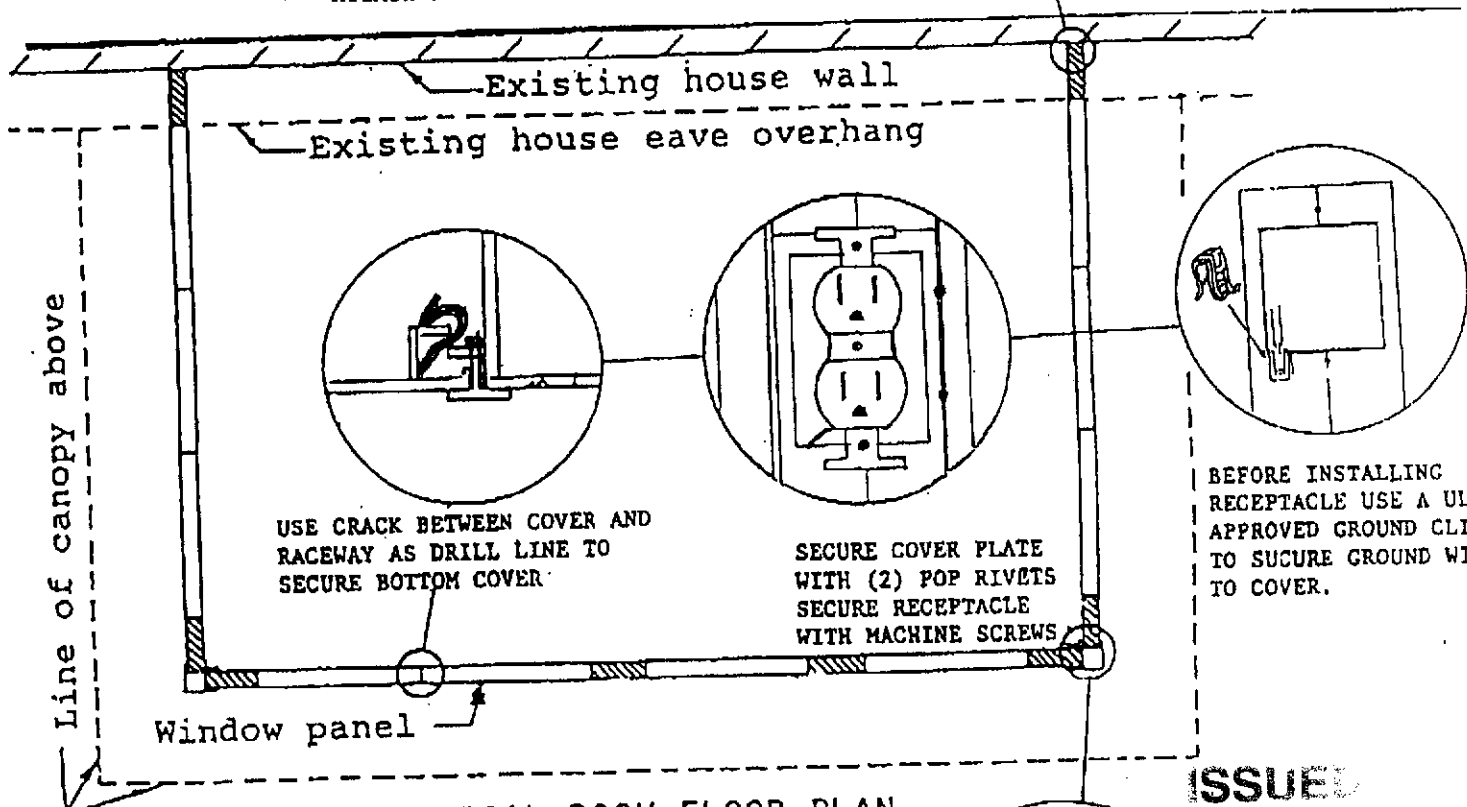
ALL FANS AND LIGHTS WILL BE MOUNTED WITH BRACKETS THAT ARE SUPPLIED WITH IT. BRACKETS WILL BE ATTACHED TO ROOF PANEL AND FAN OR LIGHT.

*IF SCREWS ARE USED TO ENTER RACEWAY, HOLES WILL BE TAPPED TO ACCEPT MACHINE SCREWS, TO HELP AVOID POSSIBLE SHARP POINTS.



ATTACH RACEWAY TO WALL CHANNEL

IF WALL CHANNEL IS USED GO TO FIRST RACEWAY TO BRING IN POWER



USE CRACK BETWEEN COVER AND RACEWAY AS DRILL LINE TO SECURE BOTTOM COVER

SECURE COVER PLATE WITH (2) POP RIVETS
SECURE RECEPTACLE WITH MACHINE SCREWS

BEFORE INSTALLING RECEPTACLE USE A UL APPROVED GROUND CLIP TO SECURE GROUND WIRE TO COVER.

TYPICAL ROOM FLOOR PLAN

ISSUED

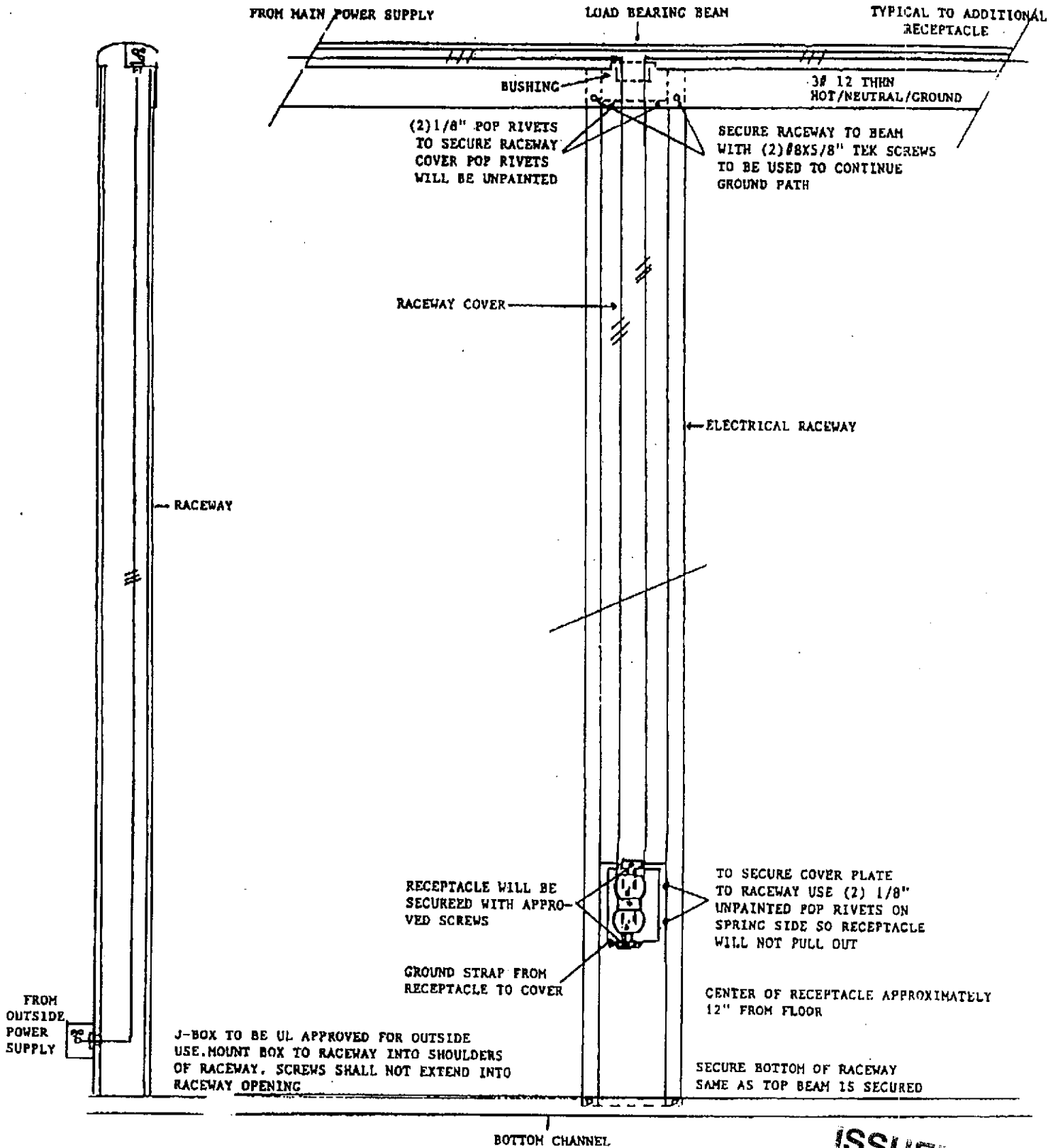
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ON ELEC. LOAD BEARING BEAM COVERS.
 PUT 1-1/8" POP RIVET AT EACH END
 AND AT SPLICES (USING CRACK AS DRILL
 LINE THROUGH COVER AND BEAM)
 NOTE* POP RIVETS ARE FOR PURPOSE OF
 CONTINUING GROUND PATH BETWEEN COVER
 AND ELEC. BEAM.

WHEN USING ELEC. BEAM ON SIDE WALLS AND FRONT WALL, ALL CORNERS OR TO BE MITERED AND SEALED TO MAKE RACEWAY CONTENTIOUS.

*NOTE-ALL POP RIVETS USED ABOVE WILL BE ALL ALUMINUM AND UNPAINTED SO AS TO CONTINUE GROUND PATHS.



SIDE DETAIL

FRONT-DETAIL

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APR 03 2001

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WIRING FOR 3" ROOF

NOTE* ALL CUTS WILL BE SMOOTHED OUT FOR WIRES TO BEAR USING A FILE
 SUGGESTIONS FOR CUTTING PANEL:USE COMPOUND-ACTION AVIATION SNIPS
 NO SHEET METAL SCREWS THAT ENTER RACEWAY WILL BE USED.

INSTALL 3" W/B HEADER ATTACHMENT TO WALL (TO BE USED AS WALL CHANNEL FOR
 ROOF PANELS).RUN FROM EXISTING POWER SUPPLY & BRING 1/2" EMT RIGID METAL
 CONDUIT. DRILL HOLE IN WALL ATTACHMENT INSTALL 1/2" CONNECTOR AND RIGID
 CONDUIT.

BEFORE INSTALLING 3" ROOF PANEL WITH ELECTRICAL RACEWAY
 LAY 3" ROOF PANEL UPSIDE DOWN OR RACEWAY OPENING UP. POSITION BOX
 WHERE WANTED.TRACE OUTLINE OF BOX ONTO ROOF PANEL OVER CENTER OF RACEWAY.
 DRILL HOLE IN CENTER OF BOX OUTLINES.CUT OUT OPENING USING LINES FOR
 CUTTING (BE CAREFUL NOT TO CUT TABS OFF OF RACEWAY EXTRUSTION) MAKE SURE
 HOLE IS SMOOTH(USE FILE TO SMOOTH).
 MOUNT BUSHING OR UL APPROVED CHASE NIPPLE INTO BOX SLIDE BOX TO OPENING &
 ATTACH BOX TO RACEWAY USING 4 EA 1/4 X 3/4" TEK SCREWS UP THROUGH BOX
 INTO BACK SIDE OF RACEWAY.

PROCEED TO END WHERE PANEL WILL ATTACH TO WALL.NOTCH OUT OPENING USING TABS
 ON RACEWAY EXTRUSTION AS GUIDE LINES. CUT BACK 4 1/8" FROM END ALSO CUT
 THE WIDTH OF INSIDE TABS OF RACEWAY MAKING A OPENING OF 2 7/8 X 4 1/8".
 WHEN PANEL IS INSTALLED THIS WILL MAKE A OPENING FOR A ACCESS HOLE FOR
 PULLING WIRES

FAN OR LIGHT WILL BE MOUNTED WITH BRACKET FOR PURPOSE.AND TO BOX USING TABS
 WITH SCREWS THAT ARE SUPPLIED WITH BOX AND TO 3" ROOF PANEL.

INSTALL PANEL WITH RACEWAY IN LOCATION WHERE NEEDED PROCEED TO FINISH
 INSTALLING REST OF ROOF.PULL WIRES CONSISTING OF (3) INSULATED COPPER
 WIRES #12(THHN)HOT, NEUTRAL, GROUND, THROUGH 1/2" EMT METAL CONDUIT TO
 ACCESS PANEL,THEN TO J-BOX.LIGHT THEN WILL BE MOUNTED TO BOX. FAN WILL BE
 MOUNTED TO BOX AND ROOF,FLANGE ON RACEWAY WILL ALSO SUPPORT FAN. USE
 GROUND STRAP WHERE NEEDED.

NOTE ALL POP RIVETS WILL BE ALUMINUM (NOT STEEL)
 ***** AND WHERE GROND PATH NEEDS TO BE CONTINUED USE UNPAINTED
 POP RIVETS.

ALL OUTSIDE OF ROOM AND TOP WILL BE SEALED PER ALCANS
 INSTALLATION SUGGESTION TO PREVENT LEAKS.

ALL CUT-OUTS FOR ELECTRICAL BOXES AND ACCESS HOLES WILL BE
 SMOOTHED OUT WHICH WIRES WILL BEAR.

ALL FANS AND LIGHTS WILL BE MOUNTED WITH BRACKETS THAT ARE
 SUPPLIED WITH IT.BRACKETS WILL BE ATTACHED TO ROOF PANEL
 AND FAN OR LIGHT.

*IF SCREWS ARE USED THAT ENTER RACEWAY, HOLES WILL BE TAPPED
 TO ACCEPT MACHINE SCREWS, TO HELP AVOID POSSIBLE SHARP
 POINTS.

ISSUED

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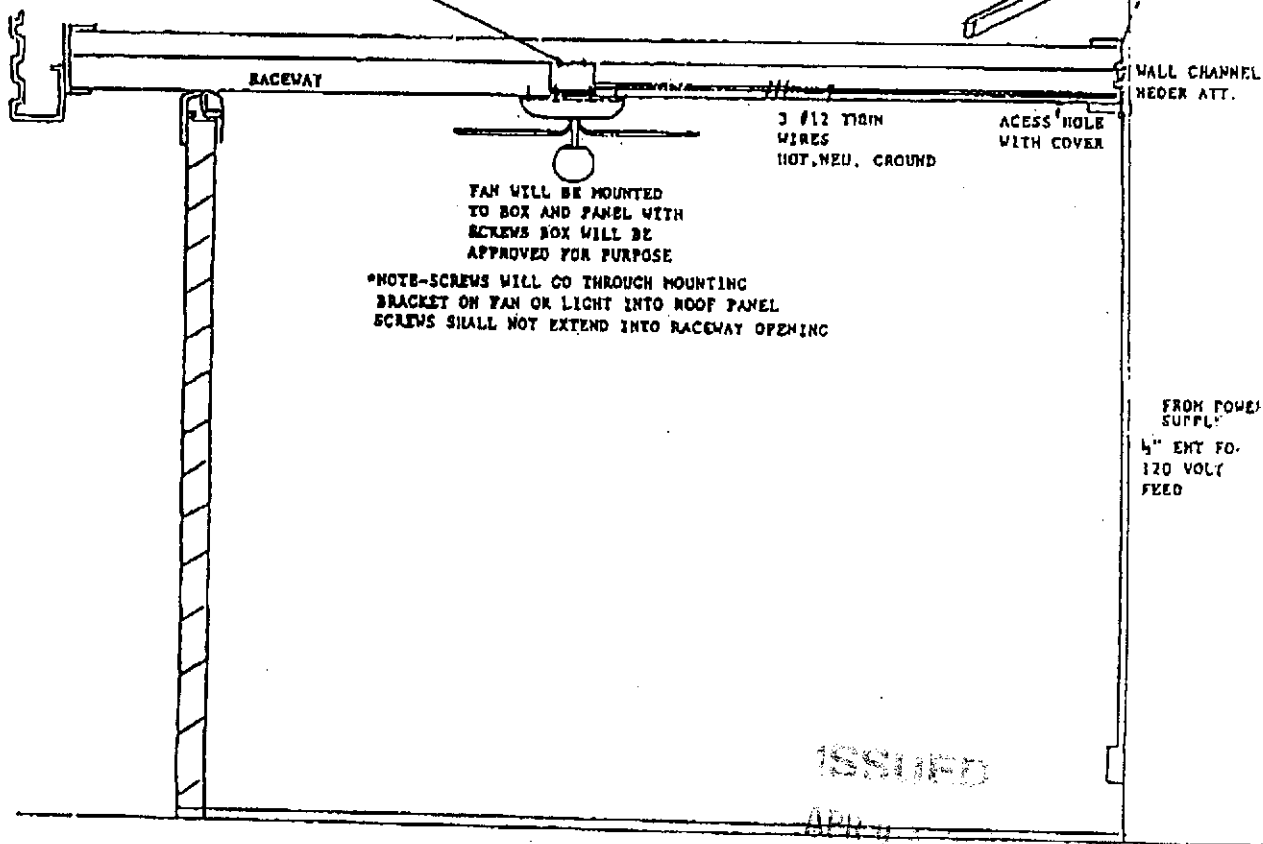
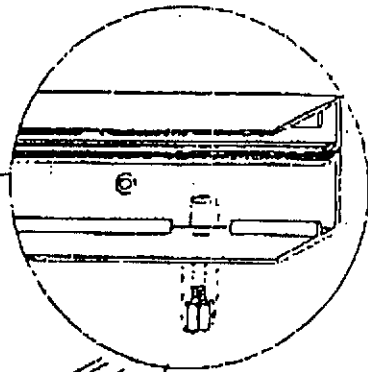
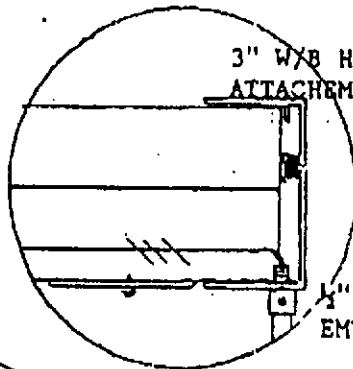
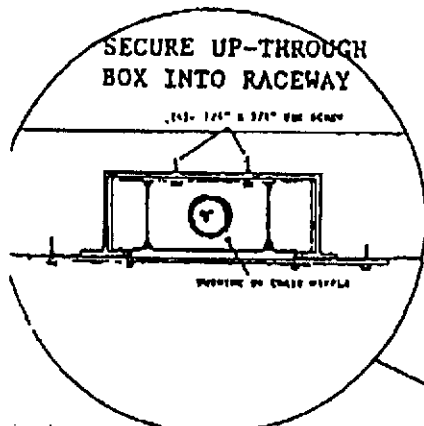
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Sacramento Building Division

FAN OR LIGHT BRACKET MOUNTED TO TABS ON J-BOX WITH MACHINE SCREWS, AND TO ROOF PANEL WITH TEK SCREWS. USE GROUNDING CLIP TO SECURE GROUND WIRE TO SIDE OF BOX.

ACCESS COVER PLATE WILL BE UL APPROVED PLASTIC BLANK COVER. ALL SCREWS THAT ENTER WIRE PATH SHALL BE MACHINE TYPE WITH NO SHARP POINTS OR USE 1/8" POP RIVETS.

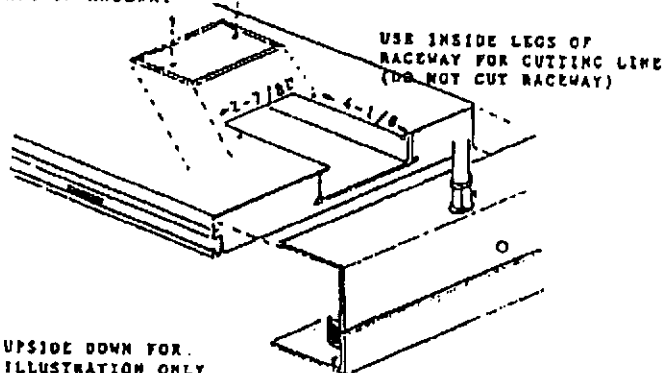
DRILL HOLE IN WALL ATTACHMENT IN BOTTOM LEG WHERE 1/2" EMT CONN. WILL BE LOCATED. MAKE SURE TO BREAK LEGS ON EACH SIDE OF HOLE FOR CONNECTER NUT TO CLEAR.



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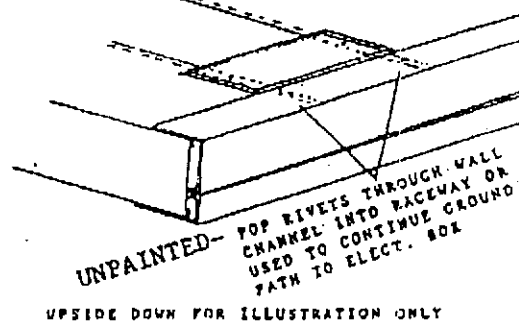
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SCREWS WILL CATCH VERTICAL LEG ON RACEWAY



UPSIDE DOWN FOR ILLUSTRATION ONLY

San Antonio Building Division



UPSIDE DOWN FOR ILLUSTRATION ONLY