1454 FIRESTONE BL

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

FIRESTONE
7807 COMPTON
LOS ANGELES CA 90001
PHONE: (323) 586-6541 EXT:

0100

BUILDING PERMIT
ALTERATION/REPAIR
BL 0100 0310020020

LEGAL ID:
TR: 7561 LT: 1 BL: .001

ASSESSOR INFORMATION NUMBER:
6043-021-001

TENANT:

OWNER: TEL. NO:
BOUTROS MAOUN;NADA;KLAEB AMINE H (213) 453-2907-
1570 NORMANDY DRIVE
PASADENA, CA 91103

APPLICANT: TEL. NO:
SAME AS OWNER -

CONTRACTOR: TEL. NO:
SAME AS OWNER -
LIC. NO

ARCHITECT OR ENGINEER: TEL. NO:
-
LIC. NO:

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
X 3 04

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
NO 22

AIR QUALITY: SCHOOL WITHIN 1000 FEET: HAZARDOUS MATERIALS:
NO NO NO

REQUIRED SET BACK YARD: HWY: TOTAL SETBACK FROM PROP LINE: EXIST WIDTH:
FRONT PL-
SIDE PL-

STRUCTURE:	SQ. FT	NO. OF STORIES	CONST TYPE
			VN

EXIST BLDG USE: COMME USE ZONE: X
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION: 29,700

FEES PAID

FEE DESCRIPTION:	QUANTITY:	UOM:	AMOUNT:
D1 PLANCHECK W/O EN-HC	29700.00	VAL	361.24
AA BLDG PERMIT ISSUANCE			22.00
AE STRONG MOTION OTHER	29700.00	VAL	6.24
A6 PLAN MAINTENANCE FEE	29700.00	VAL	9.50
D2 PERMIT W/O EN-HC	29700.00	VAL	425.00
	TOTAL FEES		823.98

REPORT ID: DPR261 ROUTE TO: BS0100

BUILDING ADDRESS:
1454 FIRESTONE BL
LOSA CA 900013851
NEAREST CROSS STREET: SOUTH COMPTON AVENUE
THOMAS PAGE: 704 GRID: F2 LOCALITY: FLORENCE

ISSUED ON: 10/10/03 PROCESSED BY: HG EXPIRES ON: 10/04/04

FINAL DATE FINAL BY: CODE:

DESCRIPTION OF WORK
EXTEND EXISTING CANOPY BY 3', ADD FACIA, AND ADD SIGN TO EXISTING BUILDING, 52'X 24'.

SPECIAL CONDITIONS:

APPROVALS	DATE	INSPECTOR SIGNATURE
LOCATION AND SETBACKS		
SOILS ENGINEER APPROVAL		
FOUNDATION/TRENCH FORMS		
SLAB/UNDER FLOOR		
RAISED FLOOR FRAMING		
UNDERFLOOR INSULATION		
FLOOR SHEATHING		
ROOF SHEATHING		
SHEAR PANELS		
FRAME INSPECTION		
FIRE SPRINKLER HANGERS		
INSULATION/WEATHER STRIP		
INTERIOR LATH/DRYWALL		
EXTERIOR LATH		
RATED FLOOR/CEIL ASSEM.		
RATED WALL ASSEMBLIES		
RATED SHAFTS/OPENINGS		
T-BAR CEILINGS		
LOT DRAINAGE		

EXPIRED
DUE TO TIME LIMITATION
APPLICANT NOTIFIED
By Rojas Date SEP 14 2006

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.

License Class _____ Lic. No. _____

Contractor's Signature _____ Date _____

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 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 am exempt under Sec. _____ , B.& P.C. for this reason:

_____

_____

[Electrical, Plumbing & Sewer Permits Only]

☐ I, as owner of the property, will do the work, and the structure is not intended or offered for sale (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 does such work himself or herself, 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.).

[All Other Permits]

☐ 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 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 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 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.).

Owner Signature _____ Date 10/10/03

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 Number _____

☐ 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.

Applicant Signature _____ Date _____

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.

LOBBYIST ORDINANCE CERTIFICATION

[Complete this section for permits in unincorporated Los Angeles County only]

This is to certify that I, as permit applicant, am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and that all persons acting on behalf of myself complied and will continue to comply therewith through the application process.

MAROUN BOUTROS

Applicant (Print Name) _____ Applicant Signature _____

Company Name (if employed by an entity/agency) _____ Date _____

JOB ADDRESS
LOCALITY

HAZARDOUS MATERIAL DECLARATION

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material equal to or greater than the amount specified on the hazardous materials information guide?

Yes ☐ No ☐

Will the intended use of the building by the applicant or future building occupant require a permit for construction or modification from the South Coast Air Quality Management District (SCAQMD)? See permitting checklist for guidelines.

Yes ☐ No ☐

I have read the hazardous materials information guide and the SCAQMD permitting checklist, I understand my requirements under the Los Angeles County Code Title 2, Chapter 220 Sections 220.100 through 220.140 concerning hazardous material reporting and for obtaining a permit from the SCAQMD.

ASBESTOS NOTIFICATION

☐ Notification letter sent to SCAQMD or EPA

☐ I declare that notification of asbestos removal is not applicable to addressed project.

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 _____

I certify that I have read this application and state under the penalty of perjury that the above information is correct. I agree to comply with all City and County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

Applicant or Agent Signature _____ **Date** _____

PEYTON-TOMITA & ASSOCIATES
954 TOWN & COUNTRY ROAD
ORANGE, CA 92868
(714)245-4930; FAX(714)245-4933

CLIENT: ICON
PROJECT: WRAPS
JOB NO.: SH001
DATE: 29-Sep-03

MARKET BUILDING

A NEW 2'-7 1/2" HIGH RIBBON WILL BE ADDED TO THE EXISTING BUILDING. THE "ACM" WEIGHS LESS THAN 1 PSF OR 3 PLF, THEREFORE, NEGLIGIBLE WEIGHT INCREASE. THERE IS NO CHANGE IN WIND PROFILE. THERE ARE NO STRUCTURAL MODIFICATIONS, THEREFORE, THE BUILDING IS OK BY INSPECTION.

REGISTERED PROFESSIONAL ENGINEER
DAVID E. PEYTON
No. [illegible]
Exp. 3-31-05
STRUCTURAL
STATE OF CALIFORNIA

10/9/03

Peyton-Tomita & Associates
Structural Engineers

Project: EQUILON
Client: ILON
Job No. SH001 Date: 01/07/02 Eng: DKP

CANOPIES

A NEW 3'-0" FASCIA WILL BE ADDED.

WIND = 1.4 × 1.13 × 12.6 = 20 PSF @ 70 mph, EXP. C

ON FASCIA = 20 × 3 = 60 plf

ON BRACKET = 60 × 4 = 240#

TO BRACE = 240/2 × √2 = 170#, 0.75W = 127.5#

l_{REC} = 24" (SEE NXT. SHT. FOR MEMBER CHK.)

V_{SCREW} = 240/4 = 60#/SCREW

~~#14 SCREW GOOD FOR 846# IN 18 GA (ICBO 5202)~~

USE (4) 1/4" ϕ SCREWS INTO EXIST. ROOF

2 LAYERS OF 20 GA DECK t = .072 > .048 ∴ ON

ADDED FASCIA WT.

15 plf × (24' × 2 + 52' × 2) = 2280# (TWO COL) OR 1.83 psf

EST. EXIST. WT.

3 psf ROOFING
2 psf PLYWOOD
3 psf DECK
3 psf STEEL
11 psf EXIST.

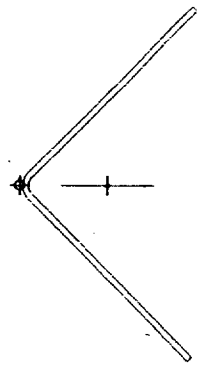
12.8 psf NEW DOUBLE COL.

954 Town & Country Road Orange, CA 92868 Tel: (714) 245-4930 Fax: (714) 245-4933

CFS Version 3.51
Section: Section 1.sct
Angle 2x2-18 Gage

PEYTON-TOMITA & ASSOC.
954 TOWN & COUNTRY ROAD
ORANGE, CA 92868

Rev. Date: 10/3/01
Rev. Time: 7:55:43 AM
Rev. By:
Phone: (714)245-4930
Fax: (714)245-4933
DPeyton359@aol.com



Section Inputs

Material: A653 SQ Grade 33
No strength increase from cold work of forming.

Modulus of Elasticity, E	29500	ksi
Yield Strength, Fy	33	ksi
Tensile Strength, Fu	45	ksi
Warping Constant Override, Cw	0	in^6
Torsion Constant Override, J	0	in^4

Angle, Thickness 0.0451 in (18 Gage)
Placement of Part from Origin:

X to center of gravity	0	in
Y to center of gravity	0	in

Outside dimensions, Open shape

	Length (in)	Angle (deg)	Radius (in)	Web	k Coef.	Hole Size (in)	Distance (in)
1	2.0000	135.000	0.093750	Single	0.000	0.0000	1.0000
2	2.0000	45.000	0.093750	Single	0.000	0.0000	1.0000

Full Section Properties

Area	0.17611	in^2	Wt.	0.00059879	k/ft	Width	3.9050 in
Ix	0.11626	in^4	rx	0.8125	in	Ixy	0.00000 in^4
Sx(t)	0.082205	in^3	y(t)	1.4142	in	α	0.000 deg
Sx(b)	0.082205	in^3	y(b)	1.4142	in		
			Height	2.8284	in		
Iy	0.02790	in^4	ry	0.3980	in	Xo	-0.7052 in
Sy(l)	0.040860	in^3	x(l)	0.6827	in	Yo	0.0000 in
Sy(r)	0.039521	in^3	x(r)	0.7059	in	jx	1.4151 in
			Width	1.3886	in	jy	0.0000 in
I1	0.11626	in^4	r1	0.8125	in		
I2	0.02790	in^4	r2	0.3980	in		
Ic	0.14415	in^4	rc	0.9047	in	Cw	0.00000032 in^6
Io	0.23175	in^4	ro	1.1471	in	J	0.00011941 in^4

CFS Version 3.51
Section: Section 1.sct
Angle 2x2-18 Gage

Rev. Date: 10/3/01
Rev. Time: 7:55:43 AM
Rev. By:

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ORANGE, CA 92868

Phone: (714)245-4930
Fax: (714)245-4933
DPeyton359@aol.com

Member Check - 1996 AISI Specification-Supplement 1 (ASD)

Design Parameters:

Lx	2.0000 ft	Ly	2.0000 ft	Lt	2.0000 ft
Kx	1.0000	Ky	1.0000	Kt	1.0000
Cbx	1.0000	Cby	1.0000	ex	0.707000 in
Cmx	1.0000	Cmy	1.0000	ey	0.024400 in

Braced Flange: None Moment Reduction, R: 0.0000

Loads:	P (k)	Mx (k-in)	Vy (k)	My (k-in)	Vx (k)
Entered	0.1275	0.00000	0.0000	0.00000	0.0000
Applied	0.1275	0.00311	0.0000	0.09320	0.0000
Strength	0.4301	0.45100	1.5669	0.24938	1.5669

Effective section properties at applied loads:

Ae	0.176115 in^2	Ixe	0.11626 in^4	Iye	0.02790 in^4
		Sxe(t)	0.082205 in^3	Sye(l)	0.040860 in^3
		Sxe(b)	0.082205 in^3	Sye(r)	0.039521 in^3

Interaction Equations

AISI Eq. C5.2.1-1	(P, Mx, My)	0.296 + 0.007 + 0.380 = 0.683	<= 1.0
AISI Eq. C5.2.1-2	(P, Mx, My)	0.091 + 0.007 + 0.374 = 0.472	<= 1.0
AISI Eq. C3.3.1-1	(Mx, Vy)	0.000 + 0.000 = 0.000	<= 1.0
AISI Eq. C3.3.1-1	(My, Vx)	0.140 + 0.000 = 0.140	<= 1.0

3

24'-0" x 52'-0" TWO COLUMN CANOPY

1997 UBC

20	PSF LL
70	MPH, EXP. C
4	SEISMIC ZONE

ESTIMATE EXIST. ROOF WEIGHT:

8	PSF ROOF
1.83	PSF FASCIA
3	PSF STEEL
12.83	PSF TOTAL

WIND UPLIFT:

Ce=	1.13	
Cq=	-0.825	
qs=	12.6	PSF
p=	-11.75	PSF

COLUMN LOADS:

PDL=	12.83	PSF X	24	FT X	26	FT =	8006	LBS
PLL=	20	PSF X	24	FT X	26	FT =	12480	LBS
PWL=	-11.75	PSF X	24	FT X	26	FT =	-7333	LBS

BASE MOMENTS:

LATERAL WIND ON PROJECTED AREA:

Ce=	1.13		PROJ. HT.=	3	FT	MWL=	55269 FT-LBS
Cq=	1.3		TRIB.=	52	FT		
qs=	12.6	PSF	COL. WD.=	2.00	FT		
p=	18.51	PSF	CLR. HT.=	16	FT		

UNBALANCED LIVE LOAD:

TRIB.=	312	SQ.FT.
LL=	16	PSF
MULL=	29952	FT-LBS

FOR SEISMIC BASE MOMENT SEE NEXT SHEET

EXISTING FOOTING & BASE CONNECTION:

MWL=	55269	FT-LBS (NEW)	X0.75=	41452 FT-LBS
MULL=	29952	FT-LBS (NEW) (UNCHANGED)	X1.0=	29952 FT-LBS
MEL=	50037	FT-LBS (NEW)	X0.75=	37528 FT-LBS
				41452 FT-LBS CONTROLS

ESTIMATE EXIST. FOOTING SIZE

ASSUME b=	3.25	FT. SQUARE
ASSUME S3=	200	PCF
d^2=4.25*M/(1.414b*S3*d)=	5.17	FT REQD. BASED ON EXIST. UNBALANCED LL
ESTIMATE:	5.25	FT. DEEP
M(CAPACITY)	31298	FT-LBS PASSIVE

ADD FRICTION USING 0.25 COEFF. OF FRICTION AT BOTTOM OF FOOTING

N=	8991	LBS DL+WL CANOPY PLUS FOOTING
0.25N=	2248	LBS
M(CAPACITY)	11801	FT-LBS FRICTION
M(CAPACITY)	43099	FT-LBS TOTAL **OK**

THESE CANOPIES WERE USUALLY EMBEDDED INTO THE FOOTING BY AT LEAST 3 FT..
ASSUMING THIS TO BE THE CASE WE WILL GET A NEW BEARING PRESSURE OF

Fp=M*12*6/(8*36^2)= 288 PSI < 0.375f'c= 750 PSI (f'c=2000)

CANOPY SEISMIC LOADING : (PER 1997 UBC)
SEISMIC ZONE: 4

CALCULATE PERIOD:

Icol=	110	IN^4	M=	248.63	LB-S^2/FT
LENGTH=	17.5	FT	k=	1033.37	LB/IN
DL=	8006	LBS			

T(A)=	0.17	SECONDS	T(MAX)=	0.22
T(B)=	0.89	SECONDS		
T=	0.22	SECONDS		

BASE SHEAR (30-4)

Cv=	0.64	PER TABLE 16-R	Nv=	1
I=	1.00	PER TABLE 16-K		
R=	2.20	PER TABLE 16-P		
V=	1.31	W		

BASE SHEAR (30-5)

Ca=	0.44	PER TABLE 16-Q	Na=	1
V=	0.50	W		
	0.357	W(ASD)		

BASE SHEAR (30-7)

Z=	0.4	PER TABLE 16-R	Nv=	1
I=	1.00	PER TABLE 16-K		
R=	2.20	PER TABLE 16-P		
V=	0.15	W		

DESIGN BASE SHEAR

V= 0.50 W

EARTHQUAKE LOAD

Rmax=	0.50	DESIGN SHEAR / TOTAL SHEAR			
WIDTH=	24.00	FT			
LENGTH=	52.00	FT	AREA=	1248	FT^2

RHOc=	0.87	RHOmin=	1
		RHOmax=	1.5
RHO=	1.00		

DESIGN EARTHQUAKE SHEAR= 2859 LBS DL+EL/1.4

DESIGN EARTHQUAKE MOMENT= 50037 FT-LBS

Peyton-Tomita & Associates
Structural Engineers

Project: EQUILON
Client: ICON
Job No. SH001 Date: 01/07/02 Eng: DGP

24×S2 CANOPY COLUMN

BASED ON COLUMN ANALYSIS THE W8×31's ARE OK FOR STRONG AXIS CONDITIONS BUT FAIL IN WEAK AXIS SEISMIC ∴ REINFORCE COLUMNS.

FOR REINFORCED COLUMN:

$P_a = 145\ k \therefore P/P_a = 0.0552 < 0.15$

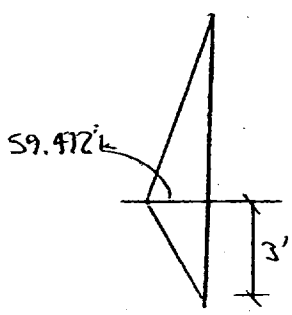
$f_{by} = 50.037 \times 12/44.4 = 13.5\ ksi < 21.6 \times 1.33$ ∴ OK

COMBINED $= .0552 + 0.0626 = 0.681 < 1.33$ ∴ OK

$$\frac{VQ}{I_n} = \frac{(2.859\ k)(9 \times 0.5 \times 4.25)}{(199.85)(2)} = 0.137\ k/i$$

USE 10" MAX WELD SPACING ∴ $V_{WELD} = 1.37\ k$

USE 1½" WELD ∴ $V_a = 3 \times .928 \times 1.33 \times 1.5 = 5.55\ k$ ∴ OK



M_{CAP} W8×31 WEAK AXIS
$= 27\ ksi \times 1.33 \times 9.27 = 334''k = 27.81'k$

$$50.037'k - \frac{50.037'k}{3} d = 27.81'k$$

$\therefore d = 1.33\ ft$

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PEYTON-TOMITA & ASSOCIATES
954 TOWN & COUNTRY ROAD
ORANGE, CA 92868
TEL. (714)245-4930
FAX (714245-4933

Title :
Dsgnr:
Description :

Scope :

Job #
Date: 8:37AM, 3 OCT 01

Rev: 510300
User: KW-0602836, Ver 5.1.3, 22-Jun-1999, Win32
(c) 1983-99 ENERCALC

Built-Up Section Properties

Description REINFORCED CANOPY COLUMN

General Information

	Type...					X cg	Y cg
#1	Rectangular	Height	9.000 in	Width	0.500 in	-4.250 in	4.000 in
#2	Rectangular	Height	9.000 in	Width	0.500 in	4.250 in	4.000 in

Steel Shapes

#1: Name **W8x31** Angle **0** deg

Location of Centroid from Datum

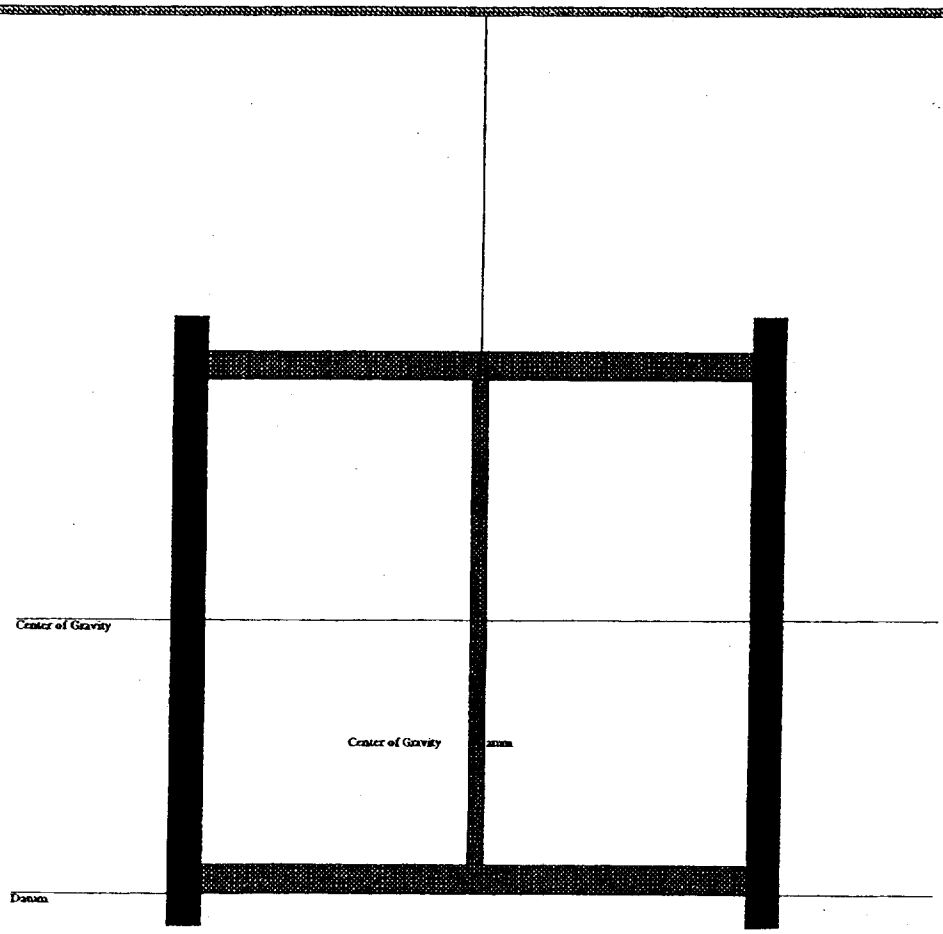
Xcg **0.00** in Ycg **4.00** in

Depth	8.00 in	Ixx	110.00 in4
Width	8.00 in	Iyy	37.10 in4
Area	9.13 in2	Xbar	4.00 in
		Ybar	4.00 in

Summary

Total Area	18.130 in2	Ixx	170.75 in4	r xx	3.069 in
X cg Dist.	0.00 in	Iyy	199.85 in4	r yy	3.320 in
Y cg Dist.	4.00 in	Edge Distances from CG...			
		+X	4.500 in	S left	44.411 in3
		-X	-4.500 in	S right	44.411 in3
		+Y	4.500 in	S top	37.944 in3
		-Y	-4.500 in	S bottom	37.944 in3

Sketch & Diagram

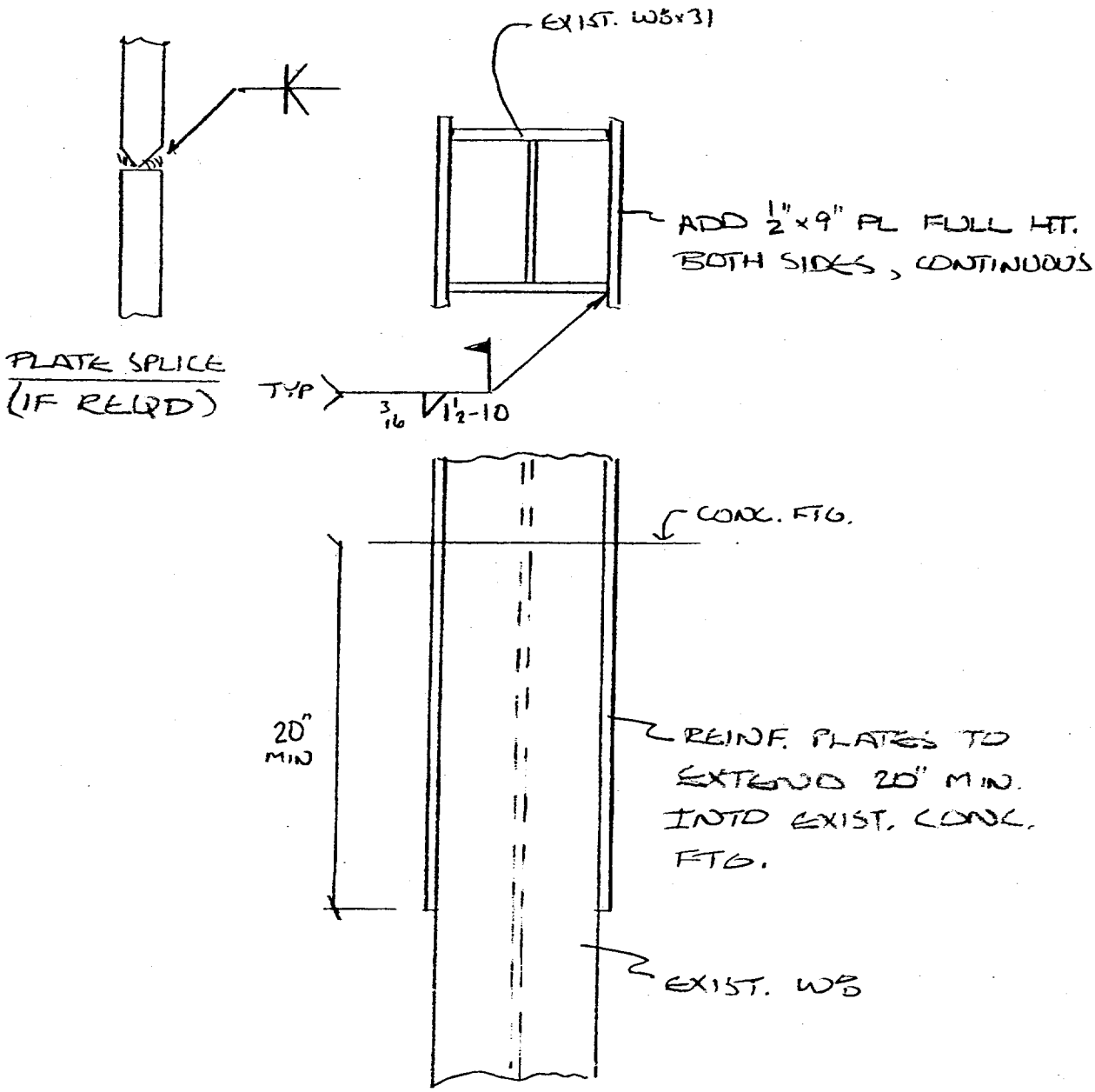


Peyton-Tomita
& Associates
Structural Engineers

Project: EQUILON

Client: ICON

Job No. SH001 Date: 01/07/02 Eng: DKP



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