

Application Date: 6/8/05 Issued Date: _____
 Approved By: [Signature] Structural Engineer's Approval: _____ Other Inspections: 6/8/05
 Permit #: 05.134000-56 Map #: 3142 Zone: CS

City of Portland, Office of Planning & Development Review, 503-823-7363, FAX: 503-823-3018, TDD: 503-823-6868

Sign Permit Application

Date: _____ Please provide the following information:

Installation Address: 12136 SE STARK ST Property Tax Account #: R332007

Business Name: STEIN SIGN

Legal Owner of Sign: RON TONKIN NISSAN

Address: 12136 SE STARK ST

Property Owner: RON TONKIN Do you have permission of the property owner to erect this sign?: Yes No

Address: 12136 SE STARK ST

Sign Contractor: STEIN SIGN Phone #: 503 695 3220

Address: POB 410 CORBETT, OR 97019 Fax #: 503 695 6154

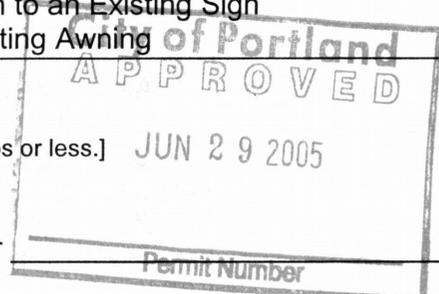
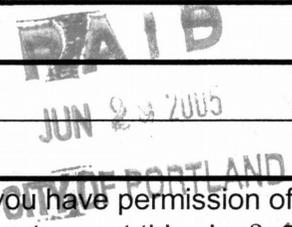
Construction Contractors Board #: 64374

For Electric Signs: Sign Electrician's Name: JAMES F. STEIN

Sign Electrician's License #: 20-297 CIS Phone #: 503 695 3220

Will you call for inspection within 24 hours? Yes No 359 SKG

Applicant's Signature: [Signature]



- Which of the following best describes the proposed work? New Sign New Awning
 Addition to an Existing Sign (size increased by _____%) Alteration to an Existing Sign
 Addition of a Sign to an Existing Awning Alteration to an Existing Awning

Type of sign (check all that apply):

- Freestanding Fascia Sign [Sign weight over 400 lbs. 400 lbs or less.]
 Monument Painted Wall/Adhered
 Projecting Pitched Roof
 Sign on Awning Sign on Marquee Other

<p>A. Proposed sign dimensions: Width of Sign face (ft.): <u>8' (8.0)</u> Height of Sign face (ft.): <u>5'-7 3/16" (5.4)</u> Overall Sign height (ft.): <u>19'</u> Depth of fascia sign (in.): <u>7"-2"</u></p>	<p>B. Changing image features <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, the area (sq. ft.) of changing image features: _____</p>	<p>C. Illumination: Illuminated: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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A complete listing of existing signs required. A complete listing of existing exterior signs including type and size (area) must be included with the application. Listing attached Yes No
 A site plan is required. For site plan requirements, see the Sign Permit Program Guide. If a site plan is required, the site plan must show size and location of existing signs. Site plan attached Yes No

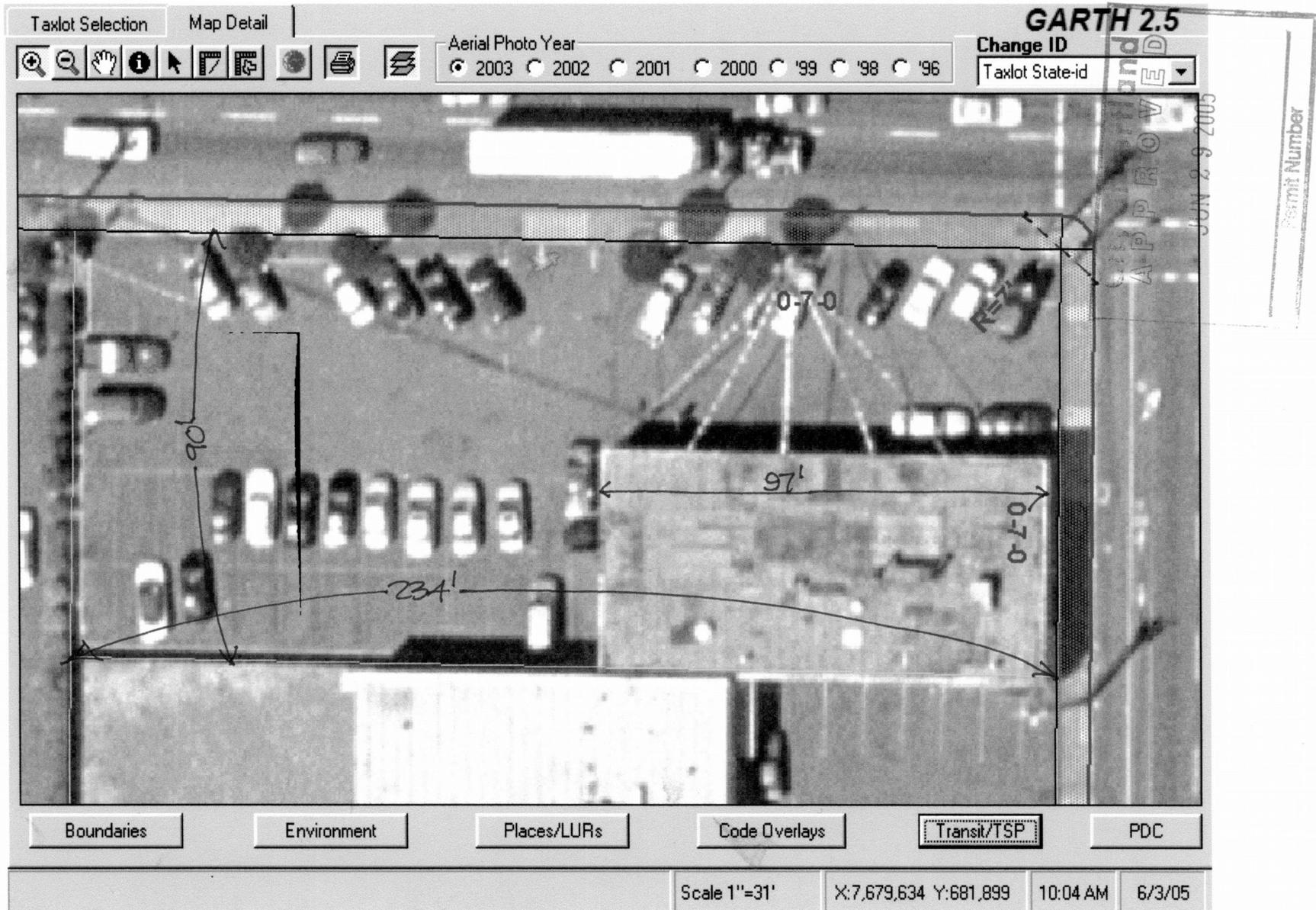
Illuminated (electric) Signs Fascia, free standing or projecting signs with direct,(neon) internal or changing image lighting		Non-Illuminated Signs Fascia, freestanding or projecting Signs without any lighting or other electrical components	
Up to 20 sq. feet	\$105	Up to 20 square feet	\$ 80
Over 20 sq. feet and up to 40 sq. feet	\$130	Over 20 sq. feet and up to 40 sq. feet	\$110
Over 40 sq. feet. and up to 60 sq. feet	\$150	Over 40 sq. feet and up to 60 sq. feet	\$130
Over 60 sq. feet and up to 80 sq. feet	\$165	Over 60 sq. feet and up to 80 sq. feet	\$135
Over 80 sq. feet and up to 100 sq. feet	\$180	Over 80 sq. feet and up to 100 sq. feet	\$140
Over 100 sq. feet and up to 120 sq. feet	\$200	Over 100 sq. feet and up to 120 sq. feet	\$150
Over 120 sq. feet and up to 140 sq. feet	\$210	Over 120 sq. feet and up to 140 sq. feet	\$155
Over 140 sq. feet and up to 160 sq. feet	\$220	Over 140 sq. feet and up to 160 sq. feet	\$165
Over 160 sq. feet and up to 180 sq. feet	\$230	Over 160 sq. feet and up to 180 sq. feet	\$180
Over 180 sq. feet	\$240	Over 180 sq. feet	\$190

Wall painted or adhered signs	\$0.50 per square foot
Awnings without signs	\$4.50 per linear foot
Sign and awning combinations	Awning fee plus \$.50 per sq. foot of sign area
Signs added to an existing awning	Same fee as required for non-illuminated sign, above
Structural Plan Review Fee Required for all wall fascia signs over 400 lbs; and all projecting signs, freestanding and monument signs over 6 feet in height, all pitched roof signs and all awnings. (If the addition to an existing sign is less than 10% of the area of the existing sign, this fee is not charged)	65% of the permit fee
Additional Plan Review For changes, additions or revisions to approved plans For review of proposed pre-approved structural designs	\$105 per hour, minimum of \$55 for the first ½ hour
Investigation Fee (for commencement of work before obtaining a permit) Illuminated and non-illuminated signs	Equal to the permit fee or the actual investigation costs at \$105 per hour, whichever is greater, plus \$250
Inspections Outside of Normal Business Hours	\$150 per hour or fraction of an hour
Structural Alteration to Existing Sign	Same fee as for new sign
Renewal of expired permit	50% of original permit fee
Reinspection Fee	\$75

All signs and awnings are required to be compliant with City Code Title 32.

Provide elevation drawing of the sign on a separate sheet. Include:

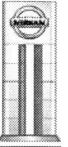
- (1) All details and dimensions of the sign;
- (2) Type of material and all dimensions of supports and footings;
- (3) Clearance above ground;
- (4) Distance of any projection over the right-of-way;
- (5) *If the sign will be attached to a building:* Show the building roof line for the wall on which the sign will be mounted; and
- (6) Type of lighting.



NISSAN NORTH AMERICA, INC

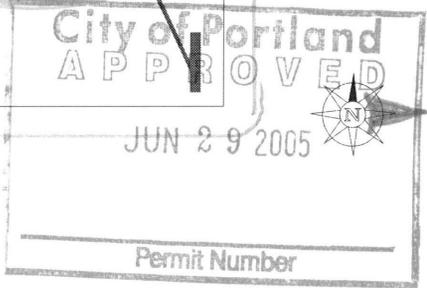
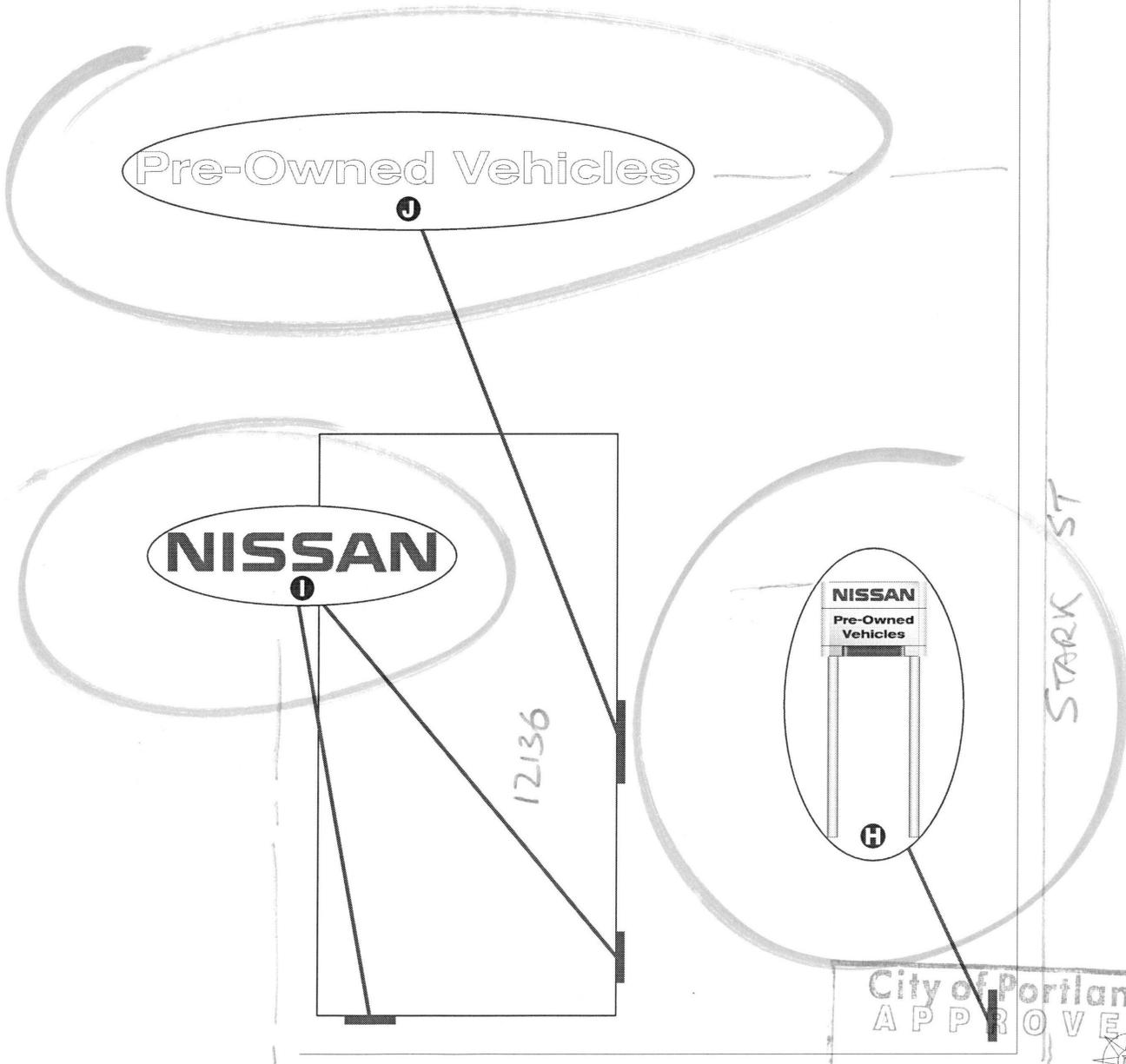
Nissan Retail Environmental Design Initiative

Sign Program



II. POV SITE PLAN AND COLOR RENDERINGS

The following provide a visual representation of the prepared solution.



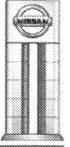
Ron Tonkin Nissan (3607)
Portland, OR
3/01/05

122ND AVE

NISSAN NORTH AMERICA, INC

Nissan Retail Environmental Design Initiative

Sign Program



SITE BEFORE NEW CONSTRUCTION



PROPOSED BUILDING AND SIGNAGE

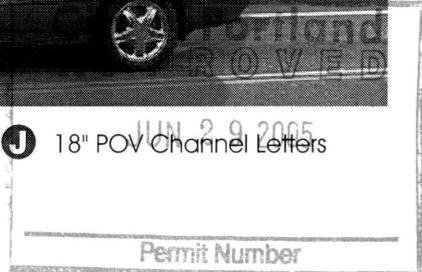


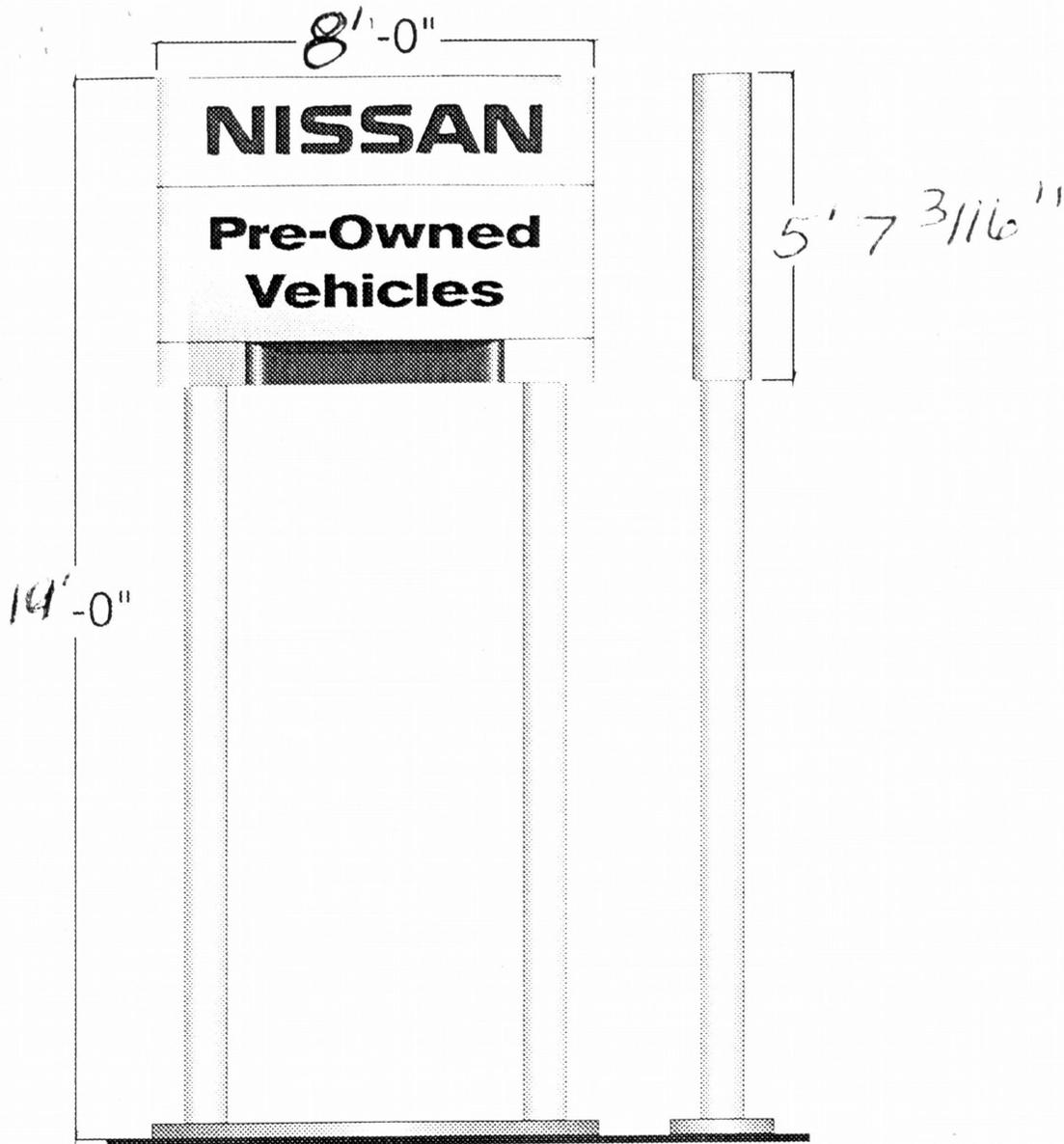
H sq. ft. POV Pylon

I 24" NWM Channel Letters

J 18" POV Channel Letters

Ron Tonkin Nissan (3607)
Portland, OR
3/01/05





H POV - Pylon

45 sq. ft. POV - Pylon (total of 1) 24' OAH

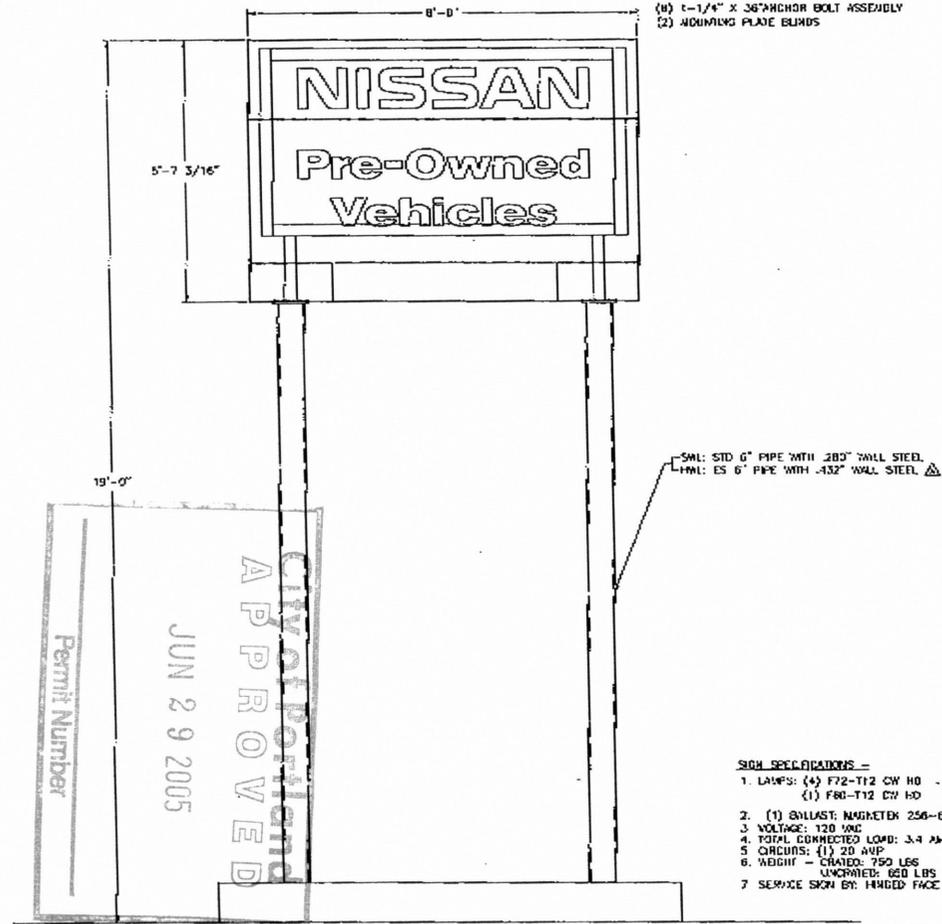
City of Portland
APPROVED
 JUN 29 2005
 Permit Number

Apr. 11 2005 11:46AM

889 Veritas 1.0

45SF POV & TRUCKS INSTALL 19' OAH

- COMPLETE PACKAGE**
- 1 SIGNHEAD
 - 2 COLUMNS
 - 1 BASECOVER
 - 1 INSTALL KIT: P/N: 11-36-520-0118
 - (8) 1/2" FLAT WASHERS
 - (2) HEXCO DOME PLUGS
 - (2) LIFTING ANKLES 2" X 3" X 3/8"
 - (2) WIRE NUTS
 - (1) INSTALL PRINT
 - (8) 1-1/4" X 3/8" ANCHOR BOLT ASSEMBLY
 - (2) MOUNTING PLATE BLINDS



- SIGN SPECIFICATIONS -**
- 1. LAMPS: (4) F72-T12 CW HO
(1) F80-T12 CW HO
 - 2. (1) BALLAST: MARETEK 250-640
 - 3. VOLTAGE: 120 VAC
 - 4. TOTAL CONNECTED LOAD: 3.4 AMPS
 - 5. CIRCUITS: (1) 20 AMP
 - 6. WEIGHT - CRATED: 750 LBS
UNCRATED: 600 LBS
 - 7. SERVICE SIGN BY: HANDED FACE

- SERVICE INSTRUCTIONS**
- 1. REMOVE BASE COVER BY REMOVING SCREWS.
 - 2. LOCATE SCREWS UNDER SIGN HEAD, AND REMOVE SCREWS (4).
 - 3. HINGE FACE OPEN AND SERVICE.
 - 4. REVERSE FIRST (3) STEPS TO CLOSE AND SECURE SIGN.
 - 5. Wipe sign face clean and remove all debris.

Nissan Pylon Installation Instructions

1. Care should be taken in unloading of the Nissan signs to insure that the ACM materials are not damaged. *Caution: ACM materials are susceptible to damage due to impact forces or improper methods of handling.*
2. Inspect the sign prior to unloading to insure that all parts are received in an undamaged condition.
3. Inspect and test light sign upon delivery. **DO NOT USE TRUCK GENERATOR TO TEST LIGHT SIGN.** Additionally, in order to ensure a safe installation, please ensure that truck frame and body are grounded properly before conducting any work on the sign. Notify your ImagePoint account manager immediately of any problems.
4. ImagePoint provides several foundation designs to meet site conditions. The installer is responsible for selecting the proper foundation and insuring that it is installed in accordance with ImagePoint's approved drawings. The tops of the foundations must be at the same elevation +/- 1". Also, the grade around the sign base must be level and structurally able to support the sign base cover. If these conditions cannot be met, contact your ImagePoint account manager for further instruction. If the location for the foundation has been back-filled, do not proceed with excavation without conducting a soil test by a qualified engineer.
5. Installation of foundation must follow the set back and right-of-way. Notify your ImagePoint account manager immediately if location of sign will not meet local code.
6. The Nissan pylon signs require that the anchor bolts be installed at the correct distance and remain in-line with each other. *Failure to place anchor bolts correctly will lead to damage to the sign and may prevent the sign from being properly installed.*
7. Construct a fixture for setting the anchor bolts. Set anchor bolts utilizing the fixture insuring that the correct depth will extend from the cured concrete. Brace the anchor bolts and frame so that the bolts remain in place during the pouring of the concrete.
8. Set conduit in place as shown on the install drawings (page 2). Underground electrical conduit to the sign must conform to the requirements of the National Electrical Code. Conduit must be below the finished grade by 12" for rigid metal conduit or 18" for non-metallic conduit under soil and a minimum of 24" below driveways, parking lots or any other paved surfaces. **NOTE:** Conduit must be of sufficient size to contain electrical supply leads.
9. All concrete utilized for foundations shall have a minimum compressive strength of 3000 psi conforming to ACI guidelines. Concrete shall be mixed and placed in accordance with ACI's "Recommended Practice for Measuring, Mixing, Transporting and Placing Concrete" (ACI 304). Job site mixing of concrete is over to be used in installing any ImagePoint sign. Concrete should cure a minimum of 7 days before installation of the sign.
10. Attach crane hook to lifting angle and remove one column from shipping stand. Cautiously lift columns vertically to prevent damage and injury utilizing the top lifting angle and remove the bottom shipping stand prior to placing on the anchor bolts. Hand tighten the anchor bolts to hold the bottom of the columns in place. Remove the top shipping stands and brace the columns so they remain plumb.
11. Uncrate sign head and lift high enough to reach the underside screws. Remove screws from bottom panel of sign head to allow the face to open. Lift sign head, place over columns and make electrical connection to columns. Lower sign head onto columns. Insure that all seams are in line and the radius portions of the sign head and columns are in alignment. Secure the sign head to the columns using the mounting hardware included with the sign package.
12. Tighten all bolts after the column and sign heads have been properly aligned.
13. Install non-shrink grout under the base plates insuring that there are no voids or large air pockets.
14. Prior to wiring, consult the install drawings to determine the wire and amperage required for the sign. Care should be taken to insure that the wire is sized properly to insure that the maximum voltage drop does not exceed 3%. Consult ImagePoint's installation department should you need assistance in determining the proper wire size. Insure that the sign is properly wired and grounded per ImagePoint's Installation Drawings.
15. Fasten sign face back into place.
16. Test light the sign to insure that it has been properly wired and is functioning correctly.
17. Remove the bolts from the lifting angles, apply a bead of sealant around the hole and install the caps supplied to insure that the sign stays weatherlight.
18. Install base cover per ImagePoint's installation instructions included in the install kit.
19. Clean entire sign to include sign faces, cabinet, columns, and base cover.
20. Clean Site of all installation debris and repair any damage to the site caused by the installation.

REV	DATE	BY	ECN	DESCRIPTION OF CHANGE
A	7/8/03	RUP	9441	REVISIONS

PROPERTY OF PLASTI-LINE, INC.
NOT TO BE DUPLICATED.
UNSPECIFIED RADII = .015 R

INSTALL: 45 SF PYLON(POV & TRUCKS)

NISSAN

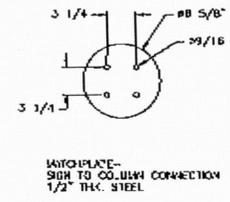
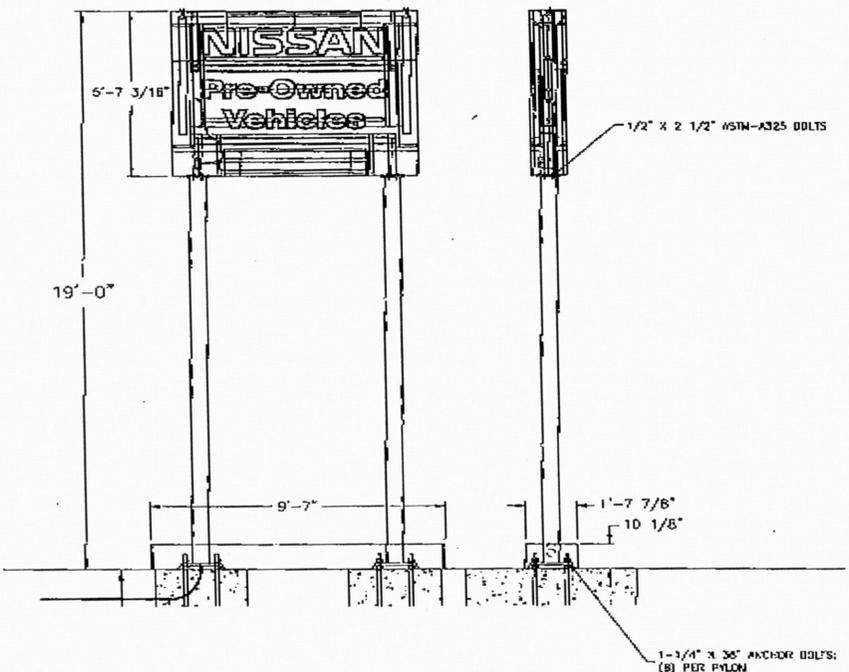
SHEET 1 OF 2

C09712

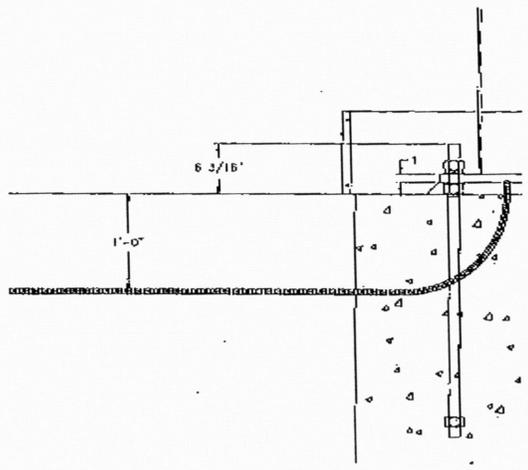
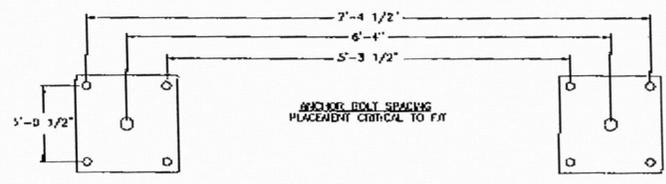
No: 7418 P. 2

Apr. 1, 2005 11:46AM

882 Rev 01 1A



W/SPlice-
SIGN TO COLUMN CONNECTION
1/2\"/>



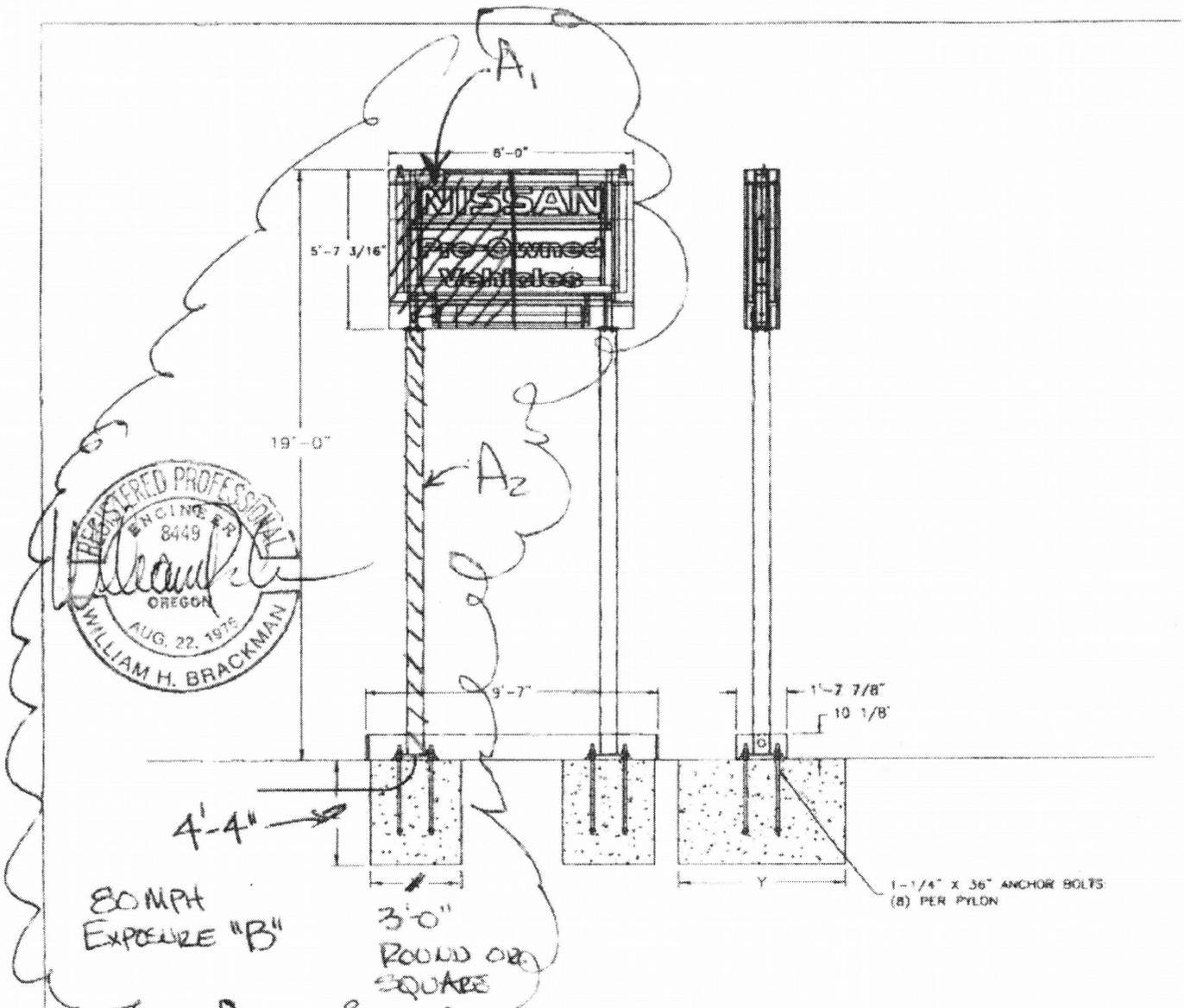
FOUNDATION TYPE:	WINDLOAD:	EXCAVATION (PER FOOTING)	CONCRETE: (PER FOOTING)	X'	Y'	Z'
VERTICAL SLAB	110 MPH	2.0 CU. YDS	2.0 CU. YDS	4'-0"	3'-0"	6'-9"
VERTICAL SLAB	140 MPH	2.4 CU. YDS	2.4 CU. YDS	4'-0"	3'-0"	5'-6"
BLOCK	110 MPH	2.1 CU. YDS	2.1 CU. YDS	3'-0"	5'-9"	3'-6"
BLOCK	140 MPH	3.1 CU. YDS	3.1 CU. YDS	3'-6"	6'-9"	3'-6"
CAISSON	110 MPH	1.3 CU. YDS	1.3 CU. YDS	23'-0"	---	5'-3"
CAISSON	140 MPH	1.6 CU. YDS	1.6 CU. YDS	23'-0"	---	5'-3"

Permit Number
 JUN 29 2005
 City of Portland
 APPROVED

PROPERTY OF PLAST-LINE, INC.
 NOT TO BE DUPLICATED.
 UNSPECIFIED RADII = .015 R
 TOLERANCES:
 ALL DIM ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 .125 = .005 .001 = .001 .001 = .001

IMAGEPOINT INC.
 A.P. 05V 53048
 400 WILSON, 3RD FLOOR, SUITE 300
 LOS ANGELES, CA 90010
 USCHP: DJB DATE: 3/7/05
 DR # BY: DJB DATE: 3/7/05 APP'D BY:
 CHK'D BY: DATE: DATE:
 PROPERTY:
 INSTALL: 45 SF PYLON(PDV & TRUCKS)
 4037KMER
 NISSAN
 SHR 2 of 2 C09712

No. 7418 P. 3



FOUNDATION TYPE	WINDLOAD	EXCAVATION: (PER FOOTING)	CONCRETE: (PER FOOTING)	X	Y	Z
VERTICAL SLAB	110 MPH	2.0 CU. YDS.	2.0 CU. YDS.	4'-0"	3'-0"	4'-9"
VERTICAL SLAB	140 MPH	2.4 CU. YDS.	2.4 CU. YDS.	4'-0"	3'-0"	5'-6"
BLOCK	110 MPH	2.1 CU. YDS.	2.1 CU. YDS.	3'-0"	5'-9"	3'-6"
BLOCK	140 MPH	3.1 CU. YDS.	3.1 CU. YDS.	3'-6"	6'-9"	3'-6"
CAISSON	110 MPH	1.3 CU. YDS.	1.3 CU. YDS.	3'-0"	---	5'-3"
CAISSON	140 MPH	1.6 CU. YDS.	1.6 CU. YDS.	3'-0"	---	6'-0"

City of Portland
 APPROVED
 JUN 29 2005
 Permit Number

BRACKMAN ENGINEERING, INC.
 P.O. Box 50801
 Eugene, OR 97405
 Phone/Fax (541)343-8613
 EMAIL: bbrackman@comcast.net

SIGN FOUNDATION CALCULATIONS
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CLIENT: **STEIN SIGNS**
 PROJECT TITLE: **NISSAN/MEDFORD - 19'H, 8'x5.6' SIGN**
 DATE: **12/10/03**
 PROJECT NUMBER: **3005**

WIND DESIGN CRITERIA

BASIC WIND SPEED = 80 MPH
 WIND STAGNATION PRESSURE = 16.4 PSF
 WIND EXPOSURE (B OR C) = B

	HEIGHT ABOVE GROUND (FT)	WIND FORCE (PSF)
HEIGHT >	0 , BUT <= 15'	14.2
HEIGHT >	15 , BUT <= 20'	15.4
HEIGHT >	20 , BUT <= 25'	16.5
HEIGHT >	25 , BUT <= 30'	17.4
HEIGHT >	30 , BUT <= 40'	19.3
HEIGHT >	40 , BUT <= 60'	21.8
HEIGHT >	60 , BUT <= 80'	23.9
HEIGHT >	80 , BUT <= 100'	25.9

NOTE: WIND FORCE IS BASED ON A C_q COEFFICIENT OF 1.4

SOIL DESIGN CRITERIA

SOIL TYPE, PER TABLE 18-1-A OF U.B.C. = 5
 LATERAL BEARING STRENGTH= 267 LBS/SQ FT/FT OF DEPTH BELOW NATURAL GRADE

- 1 = MASSIVE CRYSTALLINE BEDROCK.
 - 2 = SEDIMENTARY AND FOLIATED ROCK.
 - 3 = SANDY GRAVEL AND/OR GRAVEL.
 - 4 = SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL
 - 5 = CLAY, SANDY CLAY, SILTY CLAY AND CLAYEY SILT
- NOTE: ALLOWABLE LATERAL BEARING PRESSURES FROM TABLE 18-1-A HAVE BEEN INCREASED 33% FOR WIND, AND DOUBLED PER FOOTNOTE #3

William Brackman


EXPIRES ~~12/31/07~~
 12/31/2003

City of Portland
APPROVED
 JUN 29 2005
 Permit Number _____

BRACKMAN ENGINEERING, INC.
P.O. Box 50801
Eugene, OR 97405
Phone/Fax (541)343-8613
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CLIENT: **STEIN SIGNS**
PROJECT TITLE: **NISSAN/MEDFORD - 19'H, 8'x5.6' SIGN**
DATE: **12/10/03**
PROJECT NUMBER: **3005**

WIND FORCE & MOMENT CALCULATIONS

ID NO.	WIDTH (FEET)	HEIGHT (FEET)	DIST. FROM GND. TO		UNIT WIND FORCE (PSF)	TOTAL WIND FORCE (LBS)	DIST. FROM GND. TO CENTROID (FEET)	MOMENT TAKEN ABOUT GROUND (FT-LBS)
			BASE (FEET)	AREA (SQ FT)				
A1	4.0	5.6	13.4	22	15.4	345	16.2	5,582
A2	0.5	13.4	0.0	7	14.2	95	6.7	639
A3	0.0	0.0	0.0	0	0.0	0	0.0	0
A4	0.0	0.0	0.0	0	0.0	0	0.0	0
A5	0.0	0.0	0.0	0	0.0	0	0.0	0
A6	0.0	0.0	0.0	0	0.0	0	0.0	0
A7	0.0	0.0	0.0	0	0.0	0	0.0	0
A8	0.0	0.0	0.0	0	0.0	0	0.0	0
A9	0.0	0.0	0.0	0	0.0	0	0.0	0
A10	0.0	0.0	0.0	0	0.0	0	0.0	0
A11	0.0	0.0	0.0	0	0.0	0	0.0	0
A12	0.0	0.0	0.0	0	0.0	0	0.0	0
A13	0.0	0.0	0.0	0	0.0	0	0.0	0
A14	0.0	0.0	0.0	0	0.0	0	0.0	0
A15	0.0	0.0	0.0	0	0.0	0	0.0	0

TOTALS 29 440 6,221
EQUALS 440 LBS. AT 14.1 FT. ABOVE THE GROUND

William Brackman


EXPIRES ~~12/31/97~~
12/31/03

City of Portland
APPROVED
JUN 29 2005
Permit Number _____

BRACKMAN ENGINEERING, INC.	
P.O. Box 50801 Eugene, OR 97405 Phone/Fax (541)343-8613 EMAIL: bbrackman@comcast.net	
SIGN FOUNDATION CALCULATIONS	
<small>© 2003 Brackman Engineering, Inc. No re-use without written permission</small>	
CLIENT:	STEIN SIGNS
PROJECT TITLE:	NISSAN/MEDFORD - 19'H, 8'x5.6' SIGN
DATE:	12/10/03
PROJECT NUMBER:	3005
UN-CONSTRAINED FOOTING CALCULATIONS	
d(est.) = ASSUMED DEPTH OF EMBEDMENT =	4.3 FT.
b = DIAMETER OF ROUND POST OR FOOTING, OR DIAGONAL DIMENSION OF SQUARE POST OR FOOTING =	3.0 FT.
P = APPLIED LATERAL FORCE =	440 LBS.
(BASED ON A WIND SPEED OF 80 MPH AND AN EXPOSURE FACTOR OF B)	
H = DISTANCE FROM GROUND SURFACE TO POINT OF APPLICATION OF "P" =	14.1 FT.
S1 = ALLOWABLE SOIL BEARING AT 1/3 THE DEPTH OF EMBEDMENT =	378 P.S.F.
(BASED ON UBC SOIL TYPE 5)	
A = (2.34 * P) / (S1 * b) =	0.9 FT.
d(calc) = CALCULATED DEPTH OF EMBEDMENT = (A/2) * (1 + (1 + 4.36 * H/A) ^ .5) =	4.2 FT.
DIFFERENCE BETWEEN d(est) AND d(calc) =	0.0 FT.
(A NEGATIVE NUMBER MEANS THAT d(est) IS NOT DEEP ENOUGH, A POSITIVE NUMBER MEANS THAT d(est) IS TOO DEEP)	


William Brackman

EXPIRES 12/31/97

City of Portland
APPROVED

JUN 29 2005

Permit Number