12-213914-CO

Building Permit Application
City of Portland, Oregon - Bureau of Development Services

1900 SW 4th Avenue, Portland, Oregon 97201 • 503-823-7310 • TTY 503-823-6868 • www.portlandoregon.gov/bds

This permit application expires if a permit is not obtained within 180 days after it has been accepted as complete.

Type of work

- ☐ New construction
- ☒ Addition/alteration/replacement
- ☐ Demolition
- ☐ Other:

Category of construction

- ☐ 1 & 2 family dwelling
- ☐ Commercial/industrial
- ☐ Accessory building
- ☒ Multifamily
- ☐ Master builder
- ☐ Other:

Job site information and location

Job no.:

Job address: 7371 SE. 92nd AVE

City/State/ZIP: PORTLAND OR. 97266

Suite/bldg./apt. no.:

Proje: Building Type V-B

Cross street/directions to job site:

Subdivision:

Lot no.

Tax map/parcel no.

Description of work

INSTALL Mighty Lift Racks IN EXSISTING WAREHOUSE

☐ Reference RS / Combination

Permit no.

☒ Property owner ☐ Tenant

Name:

Address: 7371 SE 92nd Ave

City/State/ZIP: Portland / OR / 97266

Phone: 971 279 2295

FAX: 971 279 2335

Owner installation: This installation is being made on property that I own, which is not intended for sale, lease, rent, or exchange.

Owner signature:

Date: 3/12/13

☒ Contractor

Business name: NFN Investments, LLC

Address: 7371 SE 92nd Ave

City/State/ZIP: Portland / OR / 97266

Phone: 971 279-2295

FAX:

CCB lic. no.

Authorized signature:

Print name: Spencer Noecker

Date:

☒ Applicant ☐ Contact Person

Business name: NFN Investments, LLC

Contact name: Spencer Noecker

Address: 7371 SE 92nd Ave

City/State/ZIP: Portland OR 97266

Phone: 971 279 2295

FAX: 971 279 2335

E-mail: snoecker@nfninvestments.com

Authorized signature:

Print name: Spencer Noecker

Date: 3/12/13

Office Use Only

Permit no:

Date received:

By:

Required Data: One and Two Family Dwelling

Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Valuation:	$38,000
Number of bedrooms:	
Number of bathrooms:	
Total number of floors:	
New dwelling area:	square feet
Garage/carport area:	square feet
Covered porch area:	square feet
Deck area:	square feet
Other structure area:	square feet

Required Data: Commercial Use

Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Valuation:	
Existing building area:	square feet
New building area:	square feet
Number of stories:	
Type of construction:	
Occupancy groups	
Existing:	
New:	

Notice

All contractors and subcontractors are required to be licensed with the Oregon Construction Contractors Board under ORS 701 and may be required to be licensed in the jurisdiction in which work is being performed. If the applicant is exempt from licensing, the following reasons apply.

Statement of Fact: I certify that the facts and information set forth in this application are true and complete to the best of my knowledge. I understand that any falsification, misrepresentation or omission of fact (whether intentional or not) in this application or any other required document, as well as any misleading statement or omission, may be cause for revocation of permit and/or certificate of occupancy, regardless of how or when discovered.

Building Permit Fees*

Please refer to fee schedule

Fees due upon application	
Amount received	
Date received	

Sub-contractor information can be faxed to 503-823-7693.

CITY OF PORTLAND, OREGON – BUREAU OF DEVELOPMENT SERVICES

Special Inspections • 1900 SW Fourth Avenue, Suite 5000 • Portland, Oregon 97201 • www.portlandonline.com/bds

Structural Special Inspection and Observation Program Checksheet

The registered design professional in responsible charge shall prepare and submit a special inspection and structural observation program in accordance with IBC Sections 1704.1.1, 1705.2, and 106.3.4.1, and confirm that the special inspection and structural observations noted below are indicated on the drawings.

~ Please Note that separate Soils and Life Safety Inspection Checksheets may also be required ~

Instructions – Parts D and E of this Checksheet must be fully completed by the Owner (or Architect or Engineer acting as the owner's agent) in order to obtain your permit.
When complete, return this form to BDS Permitting Services. You may return it in person at 1900 SW 4th Ave, by fax to (503) 823-4172, or by email to specialinspectionsforms@portlandoregon.gov

Application #	12-213914-000-00-CO	**Date:**	March 26, 2013
Project Name:	NFN INVESTMENTS WAREHOUSE		
Site Address:	7371 SE 92ND AVE		
Architect of Record (Firm)		**Phone #**	
Engineer of Record (Firm)	Garry Monts	**Phone #**	

The following special inspections and structural observations shall be performed according to the State Building Code and City of Portland Special Inspection Program Administrative Rules unless a program of inspections is submitted by the Engineer of Record and approved by Bureau of Development Services.

A. REQUIRED SPECIAL INSPECTIONS FOR ALL BUILDING TYPES

- [X] Steel Construction
- [ ] Concrete Construction
- [ ] Anchors – Adhesive
- [ ] Wood Construction
- [ ] Curtainwall
- [ ] Prestressed Concrete
- [ ] Anchors – Cast-in-place
- [ ] Masonry
- [ ] Structural Silicone Glazing
- [ ] Shotcrete
- [X] Anchors – Expansion/Screw
- [ ] Cold Formed Steel Framing
- Special Cases: [ ] [ ] [ ]

B. REQUIRED SPECIAL INSPECTIONS FOR CATEGORY III AND IV BUILDINGS (In addition to those noted above.)

- [ ] Seismic Force Resist. System
- [ ] Storage Racks
- [ ] Access Floors
- [ ] Suspended Ceilings
- [ ] Mechanical Components
- [ ] Electrical Components
- [ ] Cladding
- [ ] Veneer
- [ ] Nonbearing Walls
- [ ] Seismic Isolation System
- Special Cases: [ ] [ ] [ ]

C. STRUCTURAL OBSERVATION

- [ ] Required (The stages of construction at which structural observation is to occur shall be indicated on the drawings.)

D. APPROVED SPECIAL INSPECTOR OR INSPECTION AGENCY (To be completed by the applicant.)

Indicate the City approved special inspector or special inspection agency to perform the required special inspections noted in parts A. and B. above:

- [ ] ACS (503) 443-3799
- [ ] FEI Testing (541) 757-4698
- [ ] Northwest Geotech (503) 682-1880
- [X] Carlson Testing (503) 684-3460
- [ ] Kleinfelder, Inc. (503) 644-9447
- [ ] PSI (503) 289-1778
- [ ] Clair Company (541) 758-1302
- [ ] Materials Testing/Insp (208) 376-4748
- [ ] Other:
- [ ] Columbia West Eng (360) 823-2900
- [ ] Mayes Testing, Inc. (503) 281-7515

E. To be completed by the applicant.

By completing Part E the project owner (or the Architect or Engineer acting as the Owner's Agent) hereby agrees to employ the special inspector or inspection agency and/or engineer of record for the above noted special inspections and/or structural observations. (***Contractors are NOT authorized to agree for the Owner.***)

The project owner shall provide a copy of this checksheet to the special inspection agency and engineer of record.

Print Name _____ Date 5/8/13
(Project Owner or the Architect or Engineer acting as the Owner's Agent)

Firm NFN INVESTMENTS Phone 971-229-2295

APPLICANT – COMPLETE PARTS D & E

FAX TO 503-823 4172

Structural Checksheet Response

Permit #: 12-213914-000-00-CO **Date:** _____

Customer name and phone number: _____

Note: Please number each change in the '#' column. Use as many lines as necessary to describe your changes. Indicate which reviewer's checksheet you are responding to and the item your change addresses. If the item is not in response to a checksheet, write **customer** *in the last column.*

#	Description of changes, revisions, additions, etc.	Checksheet and item #
1	Submitted structural special INP.	
	Checklist	
2	Submitted cross section ENG.	
	ON PG# 2 of Plans	

(for office use only)

Fire

~~Fire and~~ Life Safety Checksheet Response

Permit #: 12-213914-000-00-CO **Date:** 5/8/13

Customer name and phone number: LARRY NFN INVESTMENTS 971-279-2295

Note: Please number each change in the '#' column. Use as many lines as necessary to describe your changes. Indicate which reviewer's checksheet you are responding to and the item your change addresses. If the item is not in response to a checksheet, write **customer** *in the last column.*

#	Description of changes, revisions, additions, etc.	Checksheet and item #
#1	Lowered Racking To 8'	
#2	Added dimensions To Plan For set Back	
	To Storage RM Showed Rest Rooms	
3	Egress Lites Added To Plan	
4	illum. Ext Signs Marked on Plan	
5	Racking is 60" From South Exit	

(for office use only)

Life Safety Checksheet Response

Permit #: **12-213914-000-00-CO** **Date:** 5/8/13

Customer name and phone number: LARRY NFN INVESTMENTS 971-279-2295

Note: In the spaces below, please provide specific information concerning the changes that you have made in response to the checksheet. Note the checksheet item number, your response or a description of the revision, and the location of the change on the plans (i.e. page number and/or detail number). Use as many lines as needed. *If the item is not in response to a checksheet, write **"Applicant"** in the column labeled "Checksheet item number."*

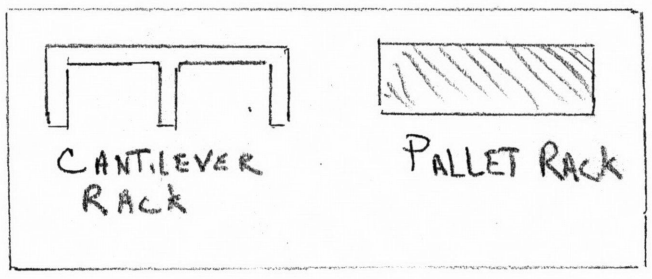
Checksheet item number	Description of changes, corrections, additions, etc.	Location on plans
#1	Added dimensions To Plans for set	PG1
	Back To Storage Rm, showed Rest Rooms	PG1
2	Egress Lites Added To Plan	
3	Common Path of Travel Added To Plan	PG1
	Max 60'	
4	Illuminated exit signs Marked on Plan	PG1
5	Racking is Located 60" from South	
	Exit	

Plan Bin Location:

7371 SE 92nd AVE
Portland Or
N.F.N. INVESTMENTS

SCOPE of WORK
INSTALLING RACKS
IN EXSITING WAREHOUSE

PG. 1



N

1" = 10'

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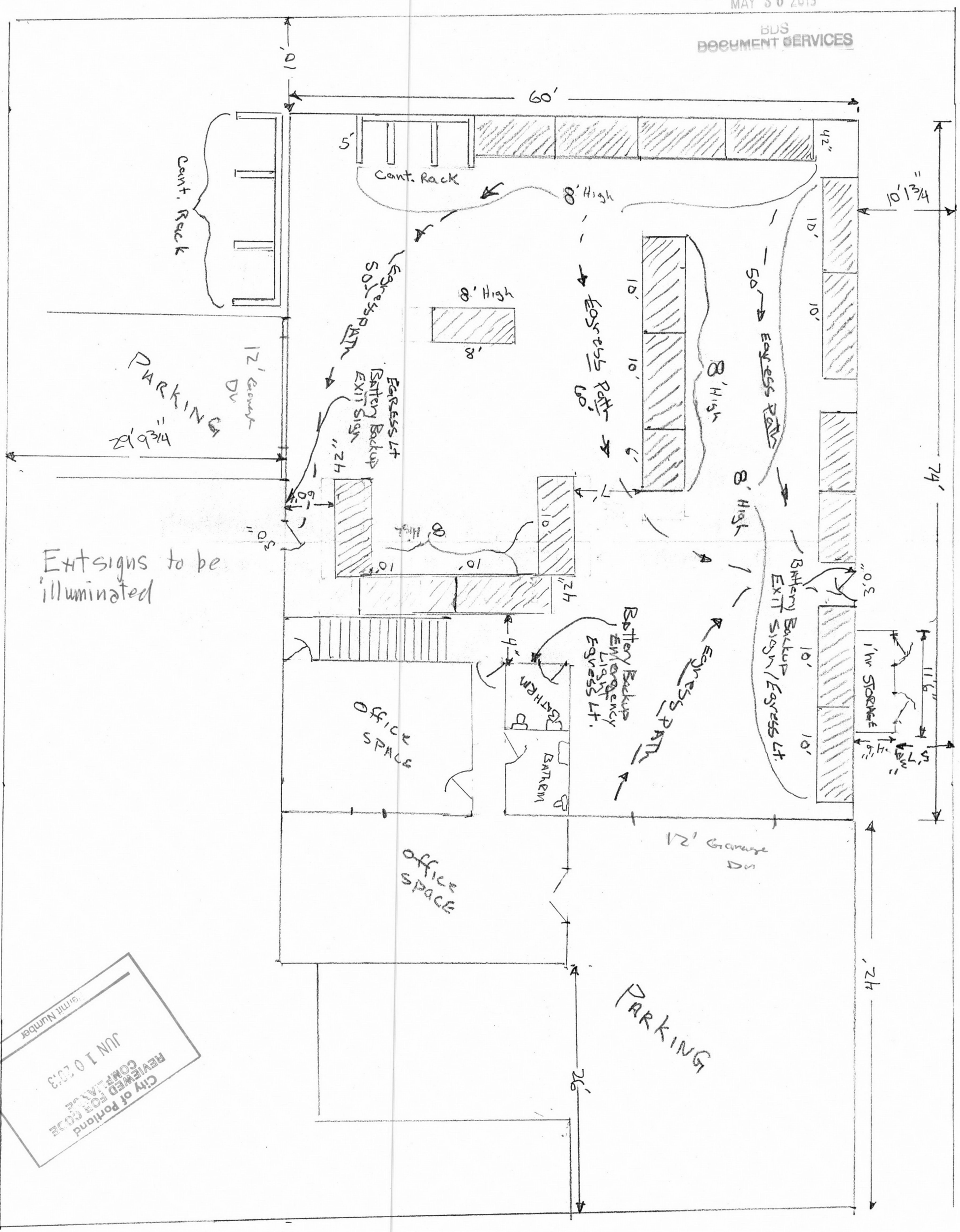
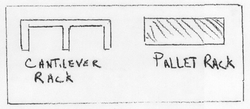


City of Portland
REVIEWED FOR CODE COMPLIANCE
JUN 10 2013
Permit Number

7371 SE 92nd AVE
Portland Or
N.F.N. INVESTMENTS

SCOPE of WORK
INSTALLING RACKS
IN EXISTING WAREHOUSE



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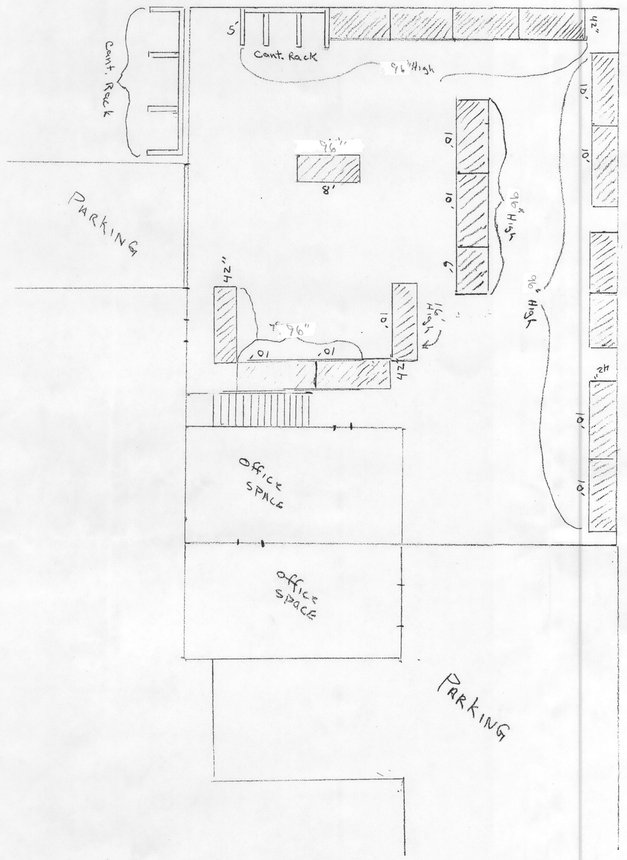
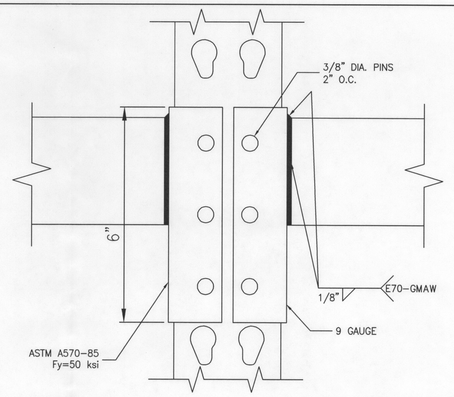
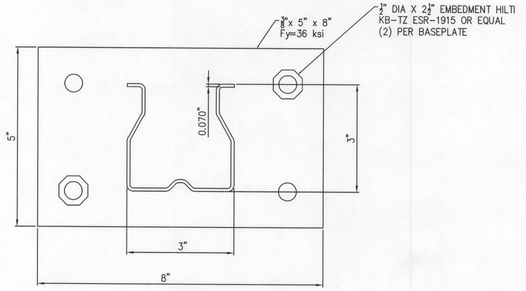
1"=10'

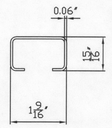




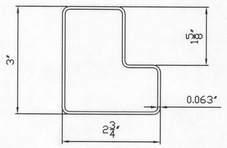
1 TYPICAL BEAM CONNECTIONS
1/2 SCALE



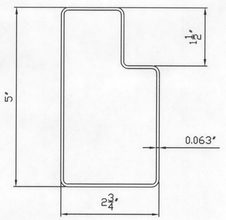
2 BASEPLATE DETAIL
1/2 SCALE



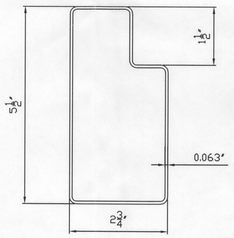
3 BRACING DETAIL
1/2 SCALE



4 6' LOAD BEAM
1/2 SCALE

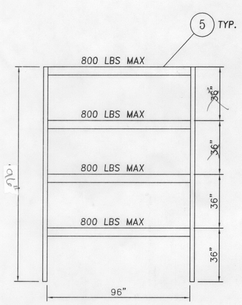


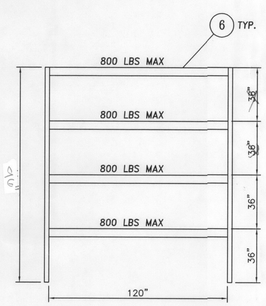
5 8' LOAD BEAM
1/2 SCALE

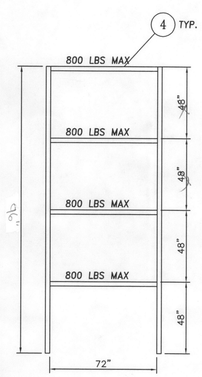


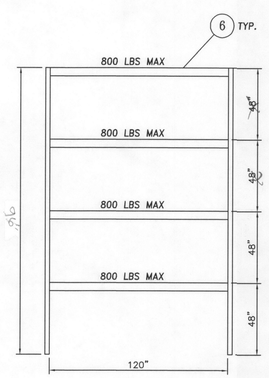
6 10' LOAD BEAM
1/2 SCALE

NOTES:
1. THERE IS NO PUBLIC ACCESS TO THE STORAGE AREA IN THIS FACILITY.
2. DESIGN OF STEEL STORAGE RACKING AS SHOWN BY THESE DRAWINGS AND CALCULATIONS ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE 2010 OSSC, RMI, & ASCE 7.
3. SEISMIC INFO: IMPORTANCE FACTOR = 1, SEISMIC USE GROUP I, Ss=0.997, S1=0.337, SITE CLASS D, Sds=0.732, Sd1=0.388, SEISMIC DESIGN CATEGORY D.
4. STEEL FOR ALL ROLLED FORMED SHAPES Fy=50 KSI EXCEPT AS NOTED.
5. DESIGN LOADS: PALLET RACK–800 LBS. MAX. PER SHELF.
   CANTILEVER–2,250 LBS MAX. PER ARM.
6. ANCHOR BOLT SPECIFICATIONS:
   PALLET RACK – 1/2" DIA. x 2 1/2" MIN EMBEDMENT, HILTI KB–TZ, ESR–1917 OR EQUAL.
   CANTILEVER RACK – 5/8" DIA. X 3 5/8" MIN EMBEDMENT, HILTI KB–TZ, ESR–1917 OR EQUAL.

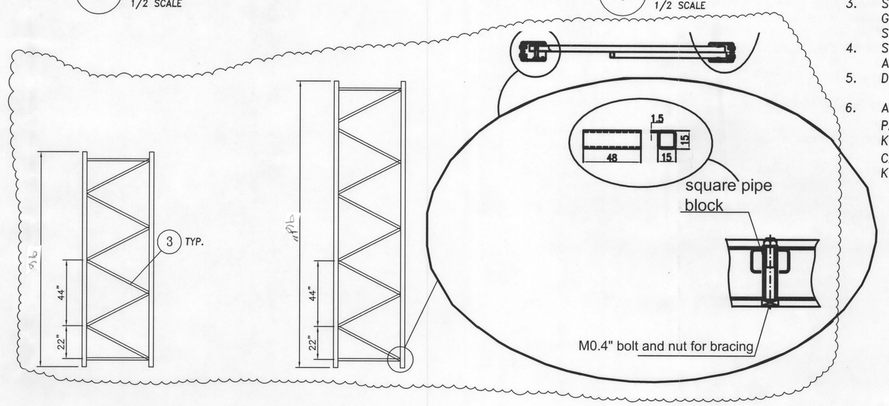








3 LEVEL RACK ELEVATIONS
SCALE: 1/4"=1'



REGISTERED PROFESSIONAL ENGINEER
669448E
OREGON
MAY 15, 2001
GARRY J. MONTS
EXPIRATION DATE DEC 31 2014
MAY 24 2013
STORAGE RACK ONLY

REV	BY	DATE	APP'D	REVISIONS
A	GJM	5/22/2013		ADDED SIDE ELEVATIONS & BRACING CONNECTION DETAIL

MIGHTY LIFT
6600 NE COLUMBIA BLVD
PORTLAND, OR 97218
PH: 503-282-2577 FAX: 503-282-2706

DRAWN	DATE		DESCRIPTION				
GJM	03-06-2013		PALLET RACK				
CHECKED	DATE	USE DIMENSIONS SHOWN DO NOT SCALE DRAWING	USED ON	NFN INVESTMENTS PORTLAND, OR			
APP'D	DATE	This drawing is the property of MIGHTY LIFT, INC. and is to be used exclusively for the manufacture and/or installation of the product shown thereon.	QUOTE NO	JOB NO	SHEET NO.	SIZE	DRAWING NO / REV.
			N/A	TD031303	1 OF 2	D	TD031303-01

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MAY 30 2013
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JUN 10 2013
Permit Number

PG 2
2
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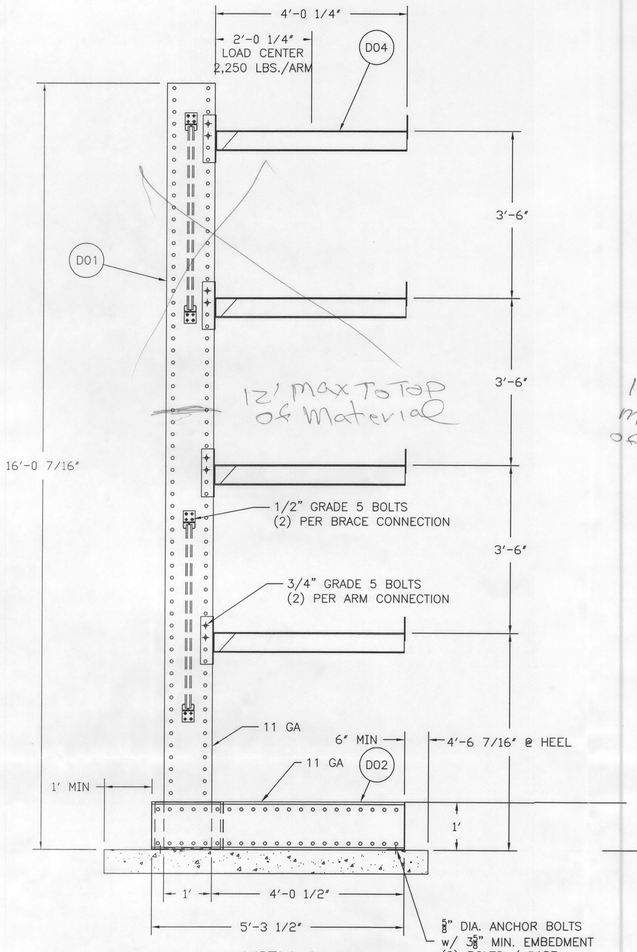
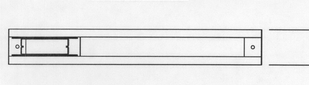
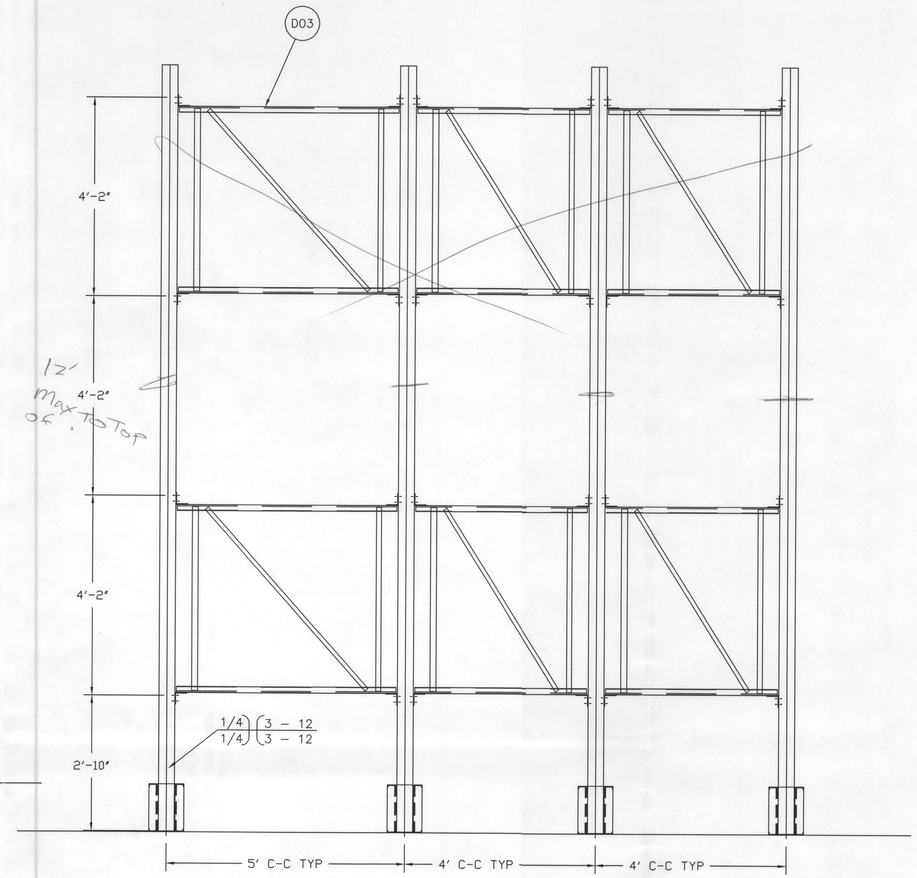
PG3

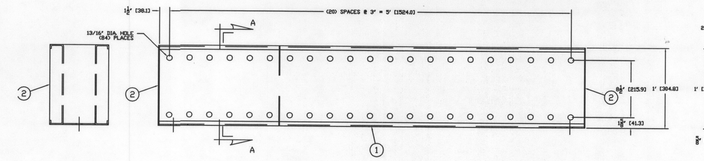


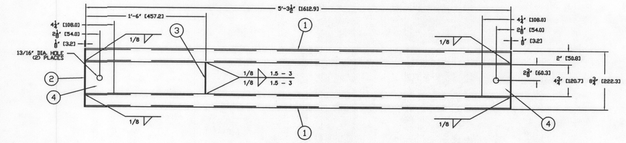
VIEW A





VIEW B





D02
48" SINGLE BASE DETAIL

MAT'L: (1) FORMED CHANNEL; 12" x 2" x 11 GA x 63 1/2" LG. - (2) REQ'D
(2) 1/8" x 8 3/4" PLATE x 12" LONG - (2) REQ'D
(3) 1/8" x 4 3/4" PLATE x 12" LONG - (1) REQ'D
(4) ANCHOR PLATE; 3/16" X 4 3/4" PLATE x 4 3/4" LG. - (2) REQ'D

City of Portland
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JUN 10 2013
Permit Number

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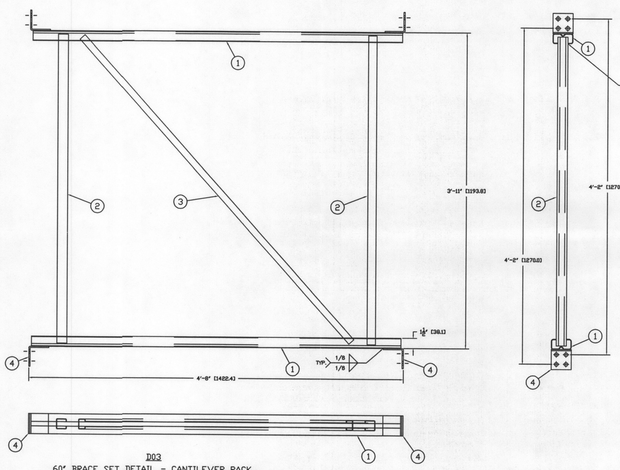
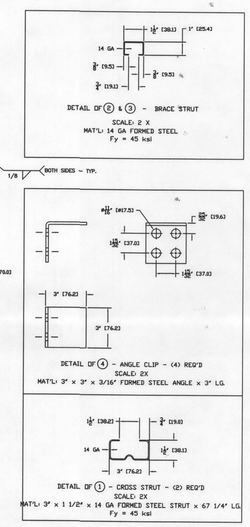
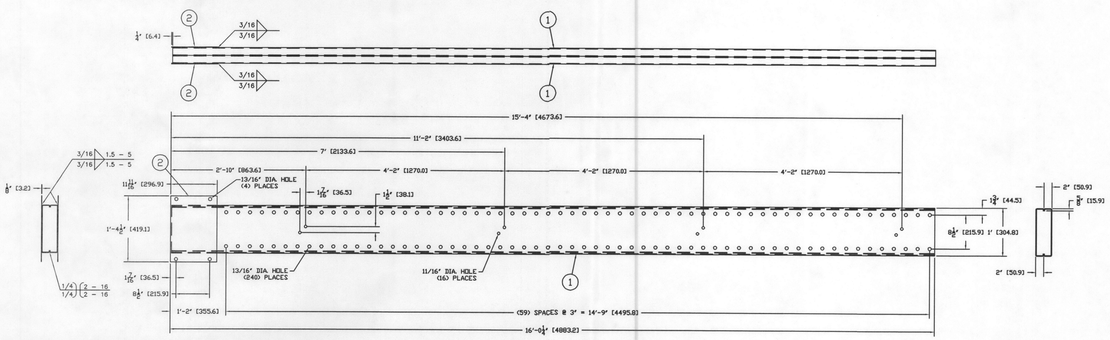


D03
60" BRACE SET DETAIL - CANTILEVER RACK

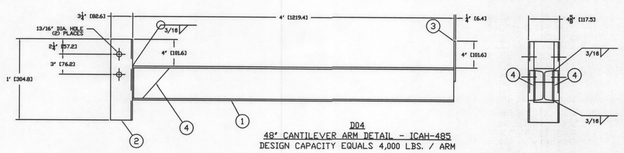
MAT'L: (1) 3" x 1 1/2" x 14 GA FORMED STRUT x 55 1/4" LG. - (2) REQ'D
(2) 1 1/2" x 1 1/4" x 16 GA FORMED STRUT x 46" LG. - (2) REQ'D
(3) 1 1/2" x 1 1/4" x 16 GA FORMED STRUT x 60 5/8" LG. - (1) REQ'D





D01
16'-0" CANTILEVER RACK UPRIGHT DETAIL - CAUS19263

MAT'L: (1) FORMED CHANNEL; 12" x 2" x 11 GA x 192" LG. - (2) REQ'D
(2) 1/8" x 11 11/16" PLATE x 16 1/2" LONG - (2) REQ'D



D04
48" CANTILEVER ARM DETAIL - ICAH-485
DESIGN CAPACITY EQUALS 4,000 LBS. / ARM

MAT'L: (1) S5" x 10# STRUCTURAL I-BEAM x 48" LG. - (1) REQ'D
(2) 4 5/8" x 3 1/4" X 3/16" FORMED CHANNEL x 12" LONG - (1) REQ'D
(3) 3" x 1/4" STEEL PLATE x 6" LONG - (1) REQ'D
(4) GUSSET; 1" x 5" x 3/16" FORMED ANGLE - (2) REQ'D

REGISTERED PROFESSIONAL ENGINEER
66944PE
OREGON
MAY 15, 2001
GARRY J. MONTS

EXPIRATION DATE: DEC 31 2014
MAR 06 2013
STORAGE RACK ONLY

REV	BY	DATE	APP'D	REVISIONS

MIGHTY LIFT
6600 NE COLUMBIA BLVD
PORTLAND, OR 97218
PH: 503-282-2577 FAX: 503-282-2706

DRAWN: GJM	DATE: 03-06-2013		DESCRIPTION: CANTILEVER RACK
CHECKED	DATE	USE DIMENSIONS SHOWN DO NOT SCALE DRAWING	USED ON: NFN INVESTMENTS PORTLAND, OR
APP'D	DATE	This drawing is the property of MIGHTY LIFT, INC. and is to be used exclusively for the manufacture and/or installation of the product shown thereon.	QUOTE NO: N/A · JOB NO: TD031303 · SHEET NO.: 2 OF 2 · SIZE: D · DRAWING NO: TD031303-02 · REV.