



APPLICATION FOR ZONING PERMIT WASHINGTON TOWNSHIP

20-015

43 Schooley's Mountain Road, Long Valley, NJ 07853

Phone: 908-876-3315, ext 1236 Fax: 908-876-5138

e-mail: Zoning@wtmorris.net

ZONING OFFICER: Daniel Flaherty

H-PRESERVATION

Block: 30	Lot: 2.01	Zone: <u>OR/I</u> Size of Property: <u>5.15</u> Acres and/or <u>29,500</u> S.F.
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Owner's Name: Richard C. Spanier	Property Address: 55 Newburgh Road	Telephone No: 347 993 4280	E Mail Address: Rwismer@RudolphResearch.com
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PAYABLE TO WASHINGTON TOWNSHIP - FORM WILL NOT BE PROCESSED WITHOUT PAYMENT

Form of Payment: CASH ☒ Check # 1044 \$50.00

THIS ZONING PERMIT REQUEST IS FOR:

- ☐ Residential New Construction / Addition / Accessory Structure - **\$50.00**
Submit a **survey which is true to scale, not enlarged or reduced**, showing the information below
PLEASE DESCRIBE: _____
- ☐ Residential Interior conversions, including but not limited to, basement finishing and in-law suites that involve additional bedrooms/moving of walls - **\$15.00**
Submit a sketch of the current floor plan with the proposed changes, indicating if there is new outside access
PLEASE DESCRIBE: _____
- ☐ Entrance Pillars / Gates / Fence - **\$15.00** [fence higher than 6' & surrounding pools require a Building Permit]
Submit a **survey to scale which is true to scale, not enlarged or reduced**, showing the proposed location
- ☐ Home Occupation - **\$25.00** - Submit a copy of the Home Occupation Application
- ☐ Certificate of Non-Conforming Use / Structure - **\$50.00** Attach Supporting Documentation
- ☒ Non-Residential Construction - **\$50.00**
Submit a **survey to scale which is true to scale, not enlarged or reduced**, showing the information below
- ☐ Non-Residential Signs (new or change) **\$25.00** - Submit a copy of the sign plan
- ☒ Affidavit in Support of Request for Waiver of Site Plan / Change in Use - **\$50.00**
Attach a copy of the Affidavit in Support of Request for Waiver of Site Plan

FOR NEW CONSTRUCTION, ADDITIONS AND NEW ACCESSORY STRUCTURES. THE FOLLOWING INFORMATION MUST BE **SHOWN TO SCALE** ON YOUR PROPERTY SURVEY TO DETERMINE IF THE PROPOSED CONSTRUCTION MEETS WASHINGTON TOWNSHIP ORDINANCE REQUIREMENTS:

LOCATION OF HOUSE, INCLUDING CURRENT AND PREVIOUS ADDITIONS AND ALL ACCESSORY STRUCTURES. ACREAGE AND / OR SQUARE FEET OF PROPERTY 29,500

REQUIRED AND PROPOSED SETBACKS - SEE ATTACHED SCHEDULE OF AREA, YARD AND BUILDING REQUIREMENTS

PERCENT OF IMPROVED LOT COVERAGE: N/A

§ 217-34 THE MAXIMUM IMPROVED LOT COVERAGE SHALL INCLUDE ALL IMPERVIOUS SURFACES SUCH AS BUILDINGS, STRUCTURES, DRIVEWAYS, TENNIS COURTS AND PATIOS.

PLEASE ANSWER THE FOLLOWING QUESTIONS:

ARE STEEP SLOPES (OVER 15% ordinance §217-38) BEING DISTURBED WITH THE PROPOSED CONSTRUCTION?
YES / ☒ NO IF SO, PLEASE SHOW ON PROPERTY SURVEY

IS THE TOWNSHIP RIDGELINE (ordinance §217-38) ON OR WITHIN 100' OF THE SUBJECT PROPERTY?
YES / ☒ NO IF SO, PLEASE SHOW ON PROPERTY SURVEY

ARE THERE WETLANDS WITHIN 150' OF THE PROPOSED CONSTRUCTION?

YES / ☒ NO IF SO, PLEASE SHOW ON PROPERTY SURVEY

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ARE THERE STREAMS / RIVERS / PONDS WITHIN 300' OF THE PROPOSED CONSTRUCTION?

YES / ☒ NO IF SO, PLEASE SHOW ON PROPERTY SURVEY

IS THERE A FLOOD PLAIN IN THE AREA OF THE PROPOSED CONSTRUCTION?

YES / ☒ NO IF SO, PLEASE SHOW ON PROPERTY SURVEY

DOES THIS PROPERTY HAVE PRIOR PLANNING BOARD OR BOARD OF ADJUSTMENT APPROVALS?

YES / ☒ NO IF SO, PLEASE ATTACH A COPY OF RESOLUTION

IS THIS PROPERTY IN AN HISTORIC ZONE OR ON AN HISTORIC REGISTER?

YES / ☒ NO IF SO, PLEASE ATTACH A COPY OF THE WASHINGTON TOWNSHIP HISTORIC PRESERVATION APPROVAL

IS THIS PROPERTY SERVED BY AN ON SITE SEPTIC SYSTEM?

YES / ☒ NO IF SO, PLEASE PROVIDE A COPY OF THE WASHINGTON TOWNSHIP HEALTH DEPARTMENT APPROVAL

WASHINGTON TOWNSHIP IS LOCATED IN THE REGULATED HIGHLANDS REGION

DID THIS HOME EXIST PRIOR TO AUGUST 10, 2004?

☒ YES / ☐ NO

IF THIS APPLICATION IS FOR NEW HOME CONSTRUCTION DID YOU OWN THE PROPERTY PRIOR TO AUGUST 10, 2004?

YES / ☒ NO

WILL AN EXISTING HOME BE DEMOLISHED AND REPLACED?

YES / ☒ NO

DO YOU HAVE A HIGHLANDS: EXEMPTION YES / ☒ NO IF SO, PLEASE ATTACH A COPY
WAIVER YES / ☒ NO IF SO, PLEASE ATTACH A COPY
APPROVAL YES / ☒ NO IF SO, PLEASE ATTACH A COPY.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE

Paul Zwitter

12/17/19

Signature of Owner/Applicant

Date

FOR OFFICE USE ONLY:

ZONING OFFICER APPROVAL FOR: CHANGE IN USE.

This is to certify that the above described premises, together with any building(s) thereon, used or proposed to be used for: _____ or _____

as described above or in the attached documentation is approved as a:

☒ Use or structure permitted by Ordinance on a lot conforming to Ordinance requirements.

☐ Use or structure permitted by Ordinance on a lot not conforming to Ordinance requirements for:

- | | |
|--|---------------------------------------|
| ☐ Front yard setback | ☐ Lot Size |
| ☐ Side yard setback | ☐ Lot Frontage |
| ☐ Rear yard setback | ☐ Lot Width |
| ☐ Other - Specified as: _____ | |

CHANGE IN USE:
305 SQ FT STORAGE
TO LAB SPACE,
AS PER PLANS.

☐ Use Permitted by a site plan/conditional use/variance approved on _____ subject to the conditions of Resolution Number _____ attached hereto.

☐ Valid nonconforming use as established by:

- ☐ Finding of the Zoning Board of Adjustment as per the attached Resolution of Approval Number: _____ Dated: _____
- ☐ By the undersigned Zoning Officer on the basis of evidence supplied by the applicant as specified on the attached documents.

Daniel Flaherty

Daniel Flaherty, Zoning Officer

1-28-20

DATE



**AFFIDAVIT IN SUPPORT OF WAIVER OF SITE
PLAN / CHANGE OF USE/CHANGE OF TENANT
WASHINGTON TOWNSHIP**

43 Schooley's Mountain Road

Long Valley, NJ 07853

908-876-3315 ext 1236 – fax 908-876-5138

ZONING OFFICER: Dan Flaherty

Email: zoning@wtmorris.net

I am the owner/tenant Applicant of the premises known as Block 30 Lot 2.01, also known as Newburgh Street and Road in the Township of Washington.

1. Applicant's full name, address, e-mail and telephone number:
Richard P. Wismer III, 55 Newburgh Road, Hackettstown, NJ
07840, Rwismer@RudolphResearch.com, (347) 993-4286

2. Owner's name and address (if different than above):

Richard C. Spanier, same address

3. The property is located in the off Zone.

4. Taxes are current as of 4th quarter 2019

SIGNED: [Signature] ASSISTANT
Tax Collector

5. Applicant requests a Waiver of Site Plan to permit the following addition or change of use which is permitted in this zone:

Storage space being changed to a Lab. We are currently a manufacturing plant. The Lab will use our instruments to certify the Properties of water.

This use and or change will be conducted solely within the building located on the above block and lot in the following areas:

Area is called 'Storage' on the plans.

The square footage of the building is 29,500. The square footage affected by the requested change is 305. -over-

6. The proposed use will involve:

- OK a. No changes to the exterior use of the premises.
- OK b. No exterior changes to the property.
- OK c. No changes to the exterior lighting.
- OK d. No increase in traffic to and from the property.
- OK e. No signs (or sign to be approved by construction Code Official.)
- OK f. No impact on neighboring properties or residents.
- OK g. No nuisance elements, including but not limited to: smoke, liquid wastes, radiation, noise audible beyond the building setback lines; vibration detectable beyond the building wall, glare detectable beyond the building wall, heat detectable beyond the building wall.



Applicant's Signature


Owner's Signature
(If Different than Applicant)

**WAIVER OF THE ABOVE SITE PLAN REQUEST / CHANGE IN
USE IS GRANTED ON BEHALF OF THE WASHINGTON
TOWNSHIP ZONING OFFICER.**

APPROVED:

Date: 1-28-20 BY: 
Dan Flaherty, Zoning Officer

NOTE: Change of use of the property other than set forth above may be a violation of Chapter 217, Zoning, and subject the owner to punishment.

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ATTN: Daniel Flaherty
Washington Zoning Dept.

re: 55 Newburgh rd. Lab Project.

Daniel,

Below is our parking calculation which shows our current provided parking spaces to exceed the requirements based on our square footage and occupancy/building use.

Square Footage: 29,500 SF

USE : Industrial / Manufacturing

Parking Req'd : 1/300 SF

Parking Spot Req'd : 98 spaces

Parking Spaces Provided: 118 spaces (118 9'-0" W x 18'-0" L)
Handicap (4) total

Please Let us know if you have any questions.

Thank You,

Richard Wismer III

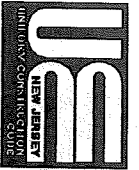
55 Newburgh Rd.

Cell: 347-993-9286.

JAN 16 2020

P.S. I have also attached (2) sets of the corrected sprinkler plans.

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BUILDING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 30 Lot 2.01 Qualification Code _____

Work Site Location 55 Neuberg Rd

Washington Twp, NJ

Owner in Fee: Rudolph Reasbeck Associates

Tel. (973) 584 1558 e-mail _____

Address 55 Neuberg Rd Washington Twp

street

municipality

zip code

Contractor: Owners Rep. - Richard Wismer Tel. (973) 993-4286

Address 55 Neuberg Rd, Hackettstown, NJ 07840 e-mail rwisner@rudolphreassoc.com

Contractor License No. or Builder Registration No. N/A Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 22-3436973 FAX: () _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW

Date _____

INSPECTIONS

Dates (Month/Day)

PLAN REVIEW	Date	Initial	Type	Failure	Failure	Approval	Initial
☐ No Plans Required			Footings				
☐ All			Footings/Bonding				
☐ Footings/Foundations			Foundation				
☐ Structural/Framework			Slab				
☐ Exterior			Frame				
☐ Interior			Truss Sys./Bracing				
Joint Plan Review Required:			Barrier-Free				
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator			Insulation				
SUBCODE APPROVAL for PERMIT			Finishes -Base Layer				
Date:			Finishes -Final				
Approved by:			Energy				
SUBCODE APPROVAL for CERTIFICATE			Mechanical				
☐ CO ☐ CCO ☐ CA			TCO				
Date:			Other				
Approved by:			Final				
			Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group Present F-1 Proposed F-1

No. of Stories 1 Constr. Class Present II-B Proposed II-B

Height of Structure 23' If Industrialized Building: _____

Area — Largest Floor 29,500 State Approved _____ HUD _____

New Bldg. Area/All Floors 2/2 Est. Cost of Bldg. Work: 0

Volume of New Structure 224 1. New Bldg. \$ 5,000

Max. Live Load 125/ft² 2. Rehabilitation \$ 5,000

Max. Occupancy Load _____ 3. Total (1+2) \$ 5,000

U.C.C. F10 (rev. 1/1/09)

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Sign here: Richard Wismer III

Print name here: Richard Wismer III

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

See plans A-1, DA-201, A-2, A201, 4 A-601.

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☒ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6') _____
- ☐ Sign _____ Sq. Ft. _____
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft. _____
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☐ Other _____
- ☐ Demolition

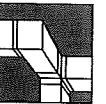
FEE (Office Use Only)

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

For reader call: (609) 390-1400
Allegra Marketing • Print • Mail



MECHANICAL INSPECTION TECHNICAL SECTION



20-015

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 30 Lot 2.01 Qualification Code _____
Work Site Location 55 Newburgh Rd Washington Twp NJ

Owner in Fee: Rudolph Research Analytical

Tel. 973 584 1558 e-mail _____

Address 55 Newburgh Rd Washington Twp, NJ

Contractor: Logan's Mechanical Inc Tel. 908 236-0586

Address Lebanon NJ 08833 e-mail _____

Contractor License No. 19HC00155200 Exp. Date 06-30-20

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 834614632 FAX: 908 236-0859

B. MECHANICAL CHARACTERISTICS

Use Group F-1 Present: B-F-1

Heating System work: ☒ New ☐ OR ☐ Modification to Existing OR ☐ Conversion ☐ Replacement

Type: ☐ Hydronic ☒ Hot Air

Fuel Type: ☐ Gas ☐ Oil ☒ Electric ☐ Solar ☐ Other _____

Estimated Cost of Mechanical Work \$ 6,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required

☐ Mechanical Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:

☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Fire.

☐ Elev.

SUBCODE APPROVAL for PERMIT

Date: _____

Approved by: _____

SUBCODE APPROVAL for CERTIFICATE

Date: _____

Approved by: _____

INSPECTIONS

Type: _____

Gas Piping _____

Appliance _____

Chimney/Vent _____

Oil Piping _____

Oil Tank _____

LPG Tank _____

Hydronic Piping _____

Fireplace _____

Chimney Cert. _____

Other _____

DATES

Failure _____

Failure _____

Approval _____

Initial _____

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Sign here: _____

Print name here: _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Install main split on roof for new lab area

NO. _____

FIXTURE/EQUIPMENT

Water Heater _____

Fuel Oil Piping Connections _____

Gas Piping Connections _____

Steam Boiler _____

Hot Water Boiler _____

Hot Air Furnace _____

Oil Tank _____

LPG Tank _____

Fireplace _____

Generator _____

Other _____

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____

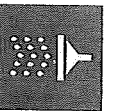
Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____



PLUMBING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 30 Lot 201 Qualification Code _____

Work Site Location 55 Newburgh Rd

Washington Twp. NJ

Owner in Fee: Rudolph Research Analytical

Tel. (913) 584 1558 e-mail _____

Address _____

Contractor: Kyle Gatti Municipality _____ Zip code _____ Tel. 201 919-3382

Address 153 Main St e-mail kyl@gattiplumbingnj.com

Madison NJ 07940

Contractor License No. 13149 Exp. Date 6-30-21

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 47-1511456 FAX: (_____) _____

B. PLUMBING CHARACTERISTICS

Use Group F1 Present F1 Proposed F1

Building Sewer Size _____ Public Sewer _____

Water Service Size _____ Public Water ✓ Private Septic _____

Est. Cost of Plumbing Work \$ 1606 Private Well _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS		Dates (Month/Day)		
		Type:	Failure	Failure	Approval	Initial
☐ No Plans Required						
☐ Partial - Underslab Utilities Approved		Slab				
Date: _____	Approved by: _____	Rough				
☐ Plumbing Plans Approved		Water				
Date: _____	Approved by: _____	Sewer				
Joint Plan Review Required:		Fixtures				
☐ Bldg. ☐ Elec. ☐ Fire. ☐ Elev.		Gas Equipment				
SUBCODE APPROVAL for PERMIT		Gas Piping				
Date: _____		LP Gas Tank				
Approved by: _____		Fuel Oil Piping				
SUBCODE APPROVAL for CERTIFICATE		Solar				
☐ CO ☐ CCO ☐ CA		TCO				
Date: _____		Final				
Approved by: _____						

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor

sign and seal here:

Print name here: Kyle Gatti

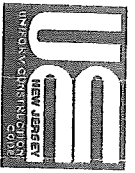
D. TECHNICAL SITE DATA

☒ Licensed Plumbing Contractor ☐ Exempt Applicant

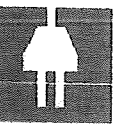
DESCRIPTION OF WORK
Install new 5/8" sink + stand pipe for reverse osmosis system.

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	Water Closet	
	Urinal/Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
1	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Water Heater	
	Fuel Oil Piping	
	Gas Piping	
	LP Gas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other <u>Stand P. pipe</u>	

Date Received
Control #
Date Issued
Permit #



ELECTRICAL SUBCODE TECHNICAL SECTION



20-015

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.
Block 30 Lot 2.01
Work Site Location 55 Newburg Rd (Hacktettown) Qualification Code _____

Owner in Fee: RRA

Tel. 9735849749 e-mail _____

Address Same

Contractor: Black River Electric municipal Tel. 9735849749 zip code _____

Address 600 Washington St Ste B e-mail _____
Hackettstown, NJ 07840

Contractor License No. 15539 Exp. Date 03/2021

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 260116220 FAX: _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 1000

2025-2026 Electrical Subcode Checklist		INSPECTIONS		Dates (Monthly)	
PLAN REVIEW					
1. All Plans Reviewed		Types	Failure	Approval	Initial
1.1 Permitted Understate Utilities Approved		Request			
1.2 Electrical Plans Approved		Engineer/Inspector			
1.3 Electrical Plans Approved		Permit Serv			
1.4 Electrical Plans Approved		Construction			
1.5 Electrical Plans Approved		TCO			
1.6 Electrical Plans Approved		Other			
1.7 Electrical Plans Approved		Service			
1.8 Electrical Plans Approved		Final			
1.9 Electrical Plans Approved		Barriers/Fences			
1.10 Electrical Plans Approved		Large Equipment Data Issued			
1.11 Electrical Plans Approved		Final Construction Data Issued			
1.12 Electrical Plans Approved		Annual Pool Inspection			
1.13 Electrical Plans Approved		Date of Structuring and Bonding			
1.14 Electrical Plans Approved		Construction			

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.
Applicant sign/Contractor: _____
sign and seal here: _____

Print name here: Chris Heil

☒ Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Mini split AC

QTY. SIZE

ITEMS
Lighting Fixtures
Receptacles
Switches
Detectors
Light Poles
Motors—Frac. HP
Emergency & Exit Lights
Communications Points
Alarm Devices/F.A.C. Panel

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Administrative Surcharge	\$
Minimum Fee	\$
State Permit Surcharge Fee	\$
TOTAL FEE	\$

20-015



FIRE PROTECTION SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block _____ Lot _____ Qualification Code _____

Work Site Location Rudolph Research Analytical - Standards Lab

55Newburgh Road Hacktstown, NJ

Owner in Fee: Rudolph Research Analytical

Tel. (973) 584-1558 e-mail rwisner@rudolphresearch.com

Address 55 Newburgh Road Hacketstown, NJ

Contractor: WJ Malone Assoc, Inc municipally Tel. (973) 256-4200

Address 780N. Riverview Dr e-mail gay@wimalone.com

Totowa, NJ 07512

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. P-00339

Fire Alarm Contractor No. _____ Exp. Date 10/31/2021

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 221666826 FAX: (973) 256-1899

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present _____ Proposed _____ Fuel Storage Tank: _____

Constr. Class: Present _____ Proposed _____ Fuel Type: ☐ Flammable or ☐ Combustible

Heating System: ☐ New or ☐ Modification to Existing Fire Alarm System: ☐ New or ☒ Existing

or ☐ Conversion or ☐ Replacement Location of Panel: _____

Fuel Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar Fire Suppression/Standpipe System: _____

☐ Other _____ Location of Main Control Valve: _____

Location: _____

Total Cost of Fire Protection Work \$ 2,234

JOB SUMMARY (Office Use Only)

PLAN REVIEW _____ INSPECTIONS _____

☐ No Plans Required _____ Type: _____

☐ Partial - Underslab Utilities Approved _____ Alarm System _____

Date: _____ Approved by: _____ Suppression Sys. _____

☐ Fire Protection Plans Approved _____ Standpipe _____

Date: _____ Approved by: _____ Fire Pump _____

Joint Plan Review Required: _____ Pre-Eng. System _____

☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Elev. _____ Mechanical _____

SUBCODE APPROVAL for PERMIT _____ Smoke Control _____

Date: _____ TCO _____

Approved by: _____ Flam/Combust Tanks _____

SUBCODE APPROVAL for CERTIFICATE _____ Fireplace Venting _____

☐ CO ☐ CCO ☐ CA _____ Final _____

Date: _____ Other _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Applicant/Contractor _____

sign here: _____

Print name here: Gary E. Allemand

D. TECHNICAL SITE DATA ☒ Certified Contractor ☐ Exempt Applicant

DESCRIPTION OF WORK: _____

Water Supply Source public also _____

Method of Alarm/Suppression System Supervision existing _____

Flammable/Combustible Tanks _____

Alarm Systems _____

☐ System _____

☐ 110v Interconnected _____

☐ CO Detectors/110v _____

Alarm Devices (i.e., smoke, heat, pull, water/flow) _____

Supervisory Devices (i.e., lamps, low/high air) _____

Signaling Devices (i.e., horns/strobes, bells) _____

Other Devices _____

TOTAL _____

Suppression Systems _____

Fire Pump _____ GPM Type _____

Dry Pipe/Alarm Valves _____

Pre-action Valves _____

Sprinkler Heads (Dry and Wet) 3 _____

Standpipes _____

Pre-engineered Systems _____

Wet Chemical _____

Dry Chemical _____

CO₂ Suppression _____

Foam Suppression _____

FM200 Suppression _____

Other _____

Other Systems _____

Kitchen Hood Exhaust System _____

Smoke Control System _____

Fuel-Fired Appliances ☐ Gas ☐ Oil ☐ Solid _____

Fireplace Venting/Metal Chimney _____

Other _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____



TECHNICAL DATA

**MIRAGE® STANDARD AND
QR CONCEALED PENDENT
SPRINKLER VK462 AND HP
SPRINKLER VK463 (K5.6)**

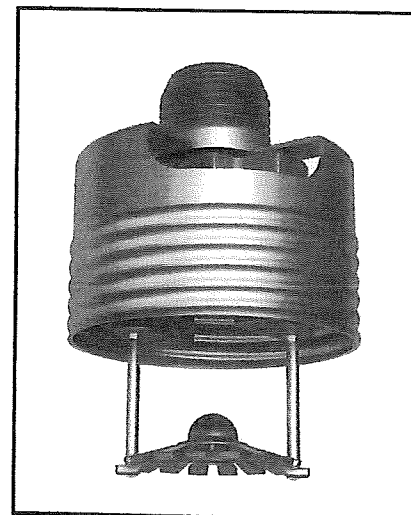
The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
Visit the Viking website for the latest edition of this technical data page.

1. DESCRIPTION

Viking Mirage® Standard and Quick Response Concealed Pendent Sprinkler VK462 and HP Sprinkler VK463 are thermosensitive glass-bulb spray sprinklers designed for installation on concealed pipe systems where the appearance of a smooth ceiling is desired.

The sprinkler is pre-assembled with a threaded adapter for installation with a low-profile cover assembly that provides up to ½" (12.7 mm) of vertical adjustment. The two-piece design allows installation and testing of the sprinkler prior to installation of the cover plate. The "push-on", "thread-off" design of the concealed cover plate assembly allows easy installation of the cover plate after the system has been tested and the ceiling finish has been applied. The cover assembly can be removed and reinstalled, allowing temporary removal of ceiling panels without taking the sprinkler system out of service or removing the sprinkler. The Electroless Nickel PTFE (ENT) coating has been investigated for installation in corrosive atmospheres and is cULus Listed as corrosion resistant as indicated in the Approval Charts. The ENT finish is only available for the sprinkler assembly, the cover plate is not plated.



2. LISTINGS AND APPROVALS



cULus Listed: Category VNIV



FM Approval: Class 2015



NYC Approved: MIEA 89-92-E, Volume 32

VdS Approved: Certificate G4080021



LPCB Approved: Ref. No. 096e/12



CE Certified: Standard EN 12259-1, EC-certificate of conformity 0832-CPD-2032



CCCF Approved: Approved by the China Certification Center for Fire Products (CCCF)

Refer to Approval Chart 1 Design Criteria for cULus Listing requirements, and refer to Approval Chart 2 and Design Criteria on page for FM Approval requirements that must be followed.

3. TECHNICAL DATA

Specifications:

Available since 2006.

Minimum Operating Pressure: 7 psi (0.5 bar)*

Maximum Working Pressure: Sprinkler VK463 is rated for use with water working pressures ranging from the minimum 7 psi (0.5 bar) up to 250 psi (17.2 bar) for high-pressure systems. High-pressure (HP) sprinklers can be identified by locating "250" stamped on the deflector. Sprinkler VK462 is rated to a maximum 175 psi (12 bar) wwp.

Factory tested hydrostatically to 500 psi (34.5 bar)

Thread size: 1/2" (15 mm) NPT

Nominal K-Factor: 5.6 U.S. (80.6 metric†)

Glass-bulb fluid temperature rated to -65°F (-55°C)

Patents Pending

*cULus Listing, FM Approval, and NFPA 13 installs require a minimum of 7 psi (0.5 bar). The minimum operating pressure for LPCB and CE Approvals ONLY is 5 psi (0.35 bar).

†Metric K-factor measurement shown is when pressure is measured in Bar. When pressure is measured in kPa, divide the metric K-factor shown by 10.0.

Material Standards:

Sprinkler Body: Brass UNS-C84400

Deflector: Copper UNS-C19500 for Sprinkler VK462

Phosphor Bronze UNS-C51000 for Sprinkler VK463

Deflector Pins: Stainless Steel Alloy

Bulb: Glass, nominal 3 mm diameter

Pip Cap and Insert Assembly: Copper UNS-C11000 and Stainless Steel UNS-S30400

Button: Brass UNS-C36000

Screws: 18-8 Stainless Steel

Belleville Spring Sealing Assembly: Nickel Alloy, coated on both sides with Teflon Tape

Yoke: Phosphor Bronze UNS-C51000

Cover Adapter: Cold Rolled Steel UNS-G10080, Finish: Clear Chromate over Zinc Plating



TECHNICAL DATA

MIRAGE® STANDARD AND QR CONCEALED PENDENT SPRINKLER VK462 AND HP SPRINKLER VK463 (K5.6)

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
Visit the Viking website for the latest edition of this technical data page.

Cover Assembly Materials:

Cover: Copper UNS-C11000
Base: Brass UNS-C26000 or UNS-C26800
Springs: Nickel Alloy
Solder: Eutectic

Ordering Information: (Also refer to the current Viking price list.)

Viking Mirage® Standard and Quick Response Concealed Pendent Sprinklers and Cover Plate Assemblies must be ordered separately:

Sprinkler: Base Part No. VK462 - 13503A for Brass finish and 13503JN for ENT finish. VK463 - HP Base Part No. 13667A

Specify sprinkler temperature rating by adding the appropriate suffix for the temperature rating to the base part number:

Temperature Suffix: 155 °F (68 °C) = B, 175 °F (79 °C) = D, 200 °F (93 °C) = E

For example, sprinkler VK463 with a 155 °F (68 °C) temperature rating = 13667AB.

Cover Plate Assembly: Base Part No. 13504 (2-3/4" diameter), Base Part No. 13642 (3-5/16" diameter), or Base Part No. 15394 (square cover plate, 3-5/16" diameter)

Specify finish and temperature rating of the cover plate assembly by adding the appropriate suffixes for the finish and the cover temperature rating to the base part number:

Finish Suffix: Polished Chrome = F, Brushed Chrome = F-/B, Bright Brass = B, Antique Brass = B-/A, Brushed Brass = B-/B, Brushed Copper = E-/B, Painted White = M-/W, Painted Ivory = M-/I, Painted Black = M-/B

Temperature Suffix: 135 °F (57 °C) UL (139 °F (59 °C) FM and LPCB) = A, 165 °F (74 °C) = C

For example, cover 13504 with a Polished Chrome finish and a 165 °F (74 °C) temperature rating = 13504FC.

Note: Square cover plate 15394 cULus Listing is for the 135 °F (57 °C) temperature rated cover plate only. Refer to the Approval Chart.

Available Finishes And Temperature Ratings: Refer to Table 1.

Accessories: (Also refer to the Viking website.)

Sprinkler Wrenches**:

- A. Heavy Duty Wrench Part No. 14047W/B (available since 2006), or
- B. Head Cabinet Wrench Part No. 14031*** (available since 2006)
- C. Optional Concealed Cover Plate Installer Tool Part No. 14412 for cover 13504, or Part No. 14867 for the large diameter cover (available since 2007)

Requires a 1/2" ratchet (not available from Viking). *Optional for removal of the protective cap. Ideal for sprinkler cabinets.

Sprinkler Cabinet: Part No. 01731A (available since 1971)

4. INSTALLATION

Refer to appropriate NFPA Installation Standards.

5. OPERATION

During fire conditions, when the temperature around the sprinkler approaches its operating temperature, the cover plate detaches. Continued heating of the exposed sprinkler causes the heat-sensitive liquid in the glass bulb to expand and the bulb to shatter, releasing the yoke, pip-cap and sealing spring assembly. Water flowing through the sprinkler orifice strikes the sprinkler deflector, forming a uniform spray pattern to extinguish or control the fire.

6. INSPECTIONS, TESTS AND MAINTENANCE

Refer to NFPA 25 for Inspection, Testing and Maintenance requirements.

7. AVAILABILITY

Viking Sprinklers VK462 and VK463 are available through a network of domestic and international distributors. See The Viking Corporation web site for the closest distributor or contact The Viking Corporation.

8. GUARANTEE

For details of warranty, refer to Viking's current list price schedule or contact Viking directly.



TECHNICAL DATA

**MIRAGE® STANDARD AND
QR CONCEALED PENDENT
SPRINKLER VK462 AND HP
SPRINKLER VK463 (K5.6)**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058
 Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
 Visit the Viking website for the latest edition of this technical data page.

TABLE 1: AVAILABLE SPRINKLER TEMPERATURE RATINGS AND FINISHES

Sprinkler Temperature Classification	Sprinkler Nominal Temperature Rating ¹	Maximum Ambient Ceiling Temperature ²	Temperature Rating of Cover Assembly (Required)	Bulb Color
Ordinary	155 °F (68 °C)	100 °F (38 °C)	135 °F (57 °C) cULus 139 °F (59 °C) FM and LPCB	Red
Intermediate	175 °F (79 °C)	150 °F (65 °C)	165 °F (74 °C)	Yellow
Intermediate	200 °F (93 °C)	150 °F (65 °C)	165 °F (74 °C)	Green

Cover Plate Finishes: Polished Chrome, Brushed Chrome, Bright Brass, Antique Brass, Brushed Brass, Brushed Copper, Painted White, Painted Ivory, or Painted Black

Sprinkler Finishes: Brass and ENT

Corrosion Resistant Coatings³: ENT

Footnotes

¹ The sprinkler temperature rating is stamped on the sprinkler deflector.

² Based on NFPA-13. Other limits may apply, depending on fire loading, sprinkler location, and other requirements of the Authority Having Jurisdiction. Refer to specific installation standards.

³ The corrosion resistant coatings have passed the standard corrosion test required by the approving agencies indicated in the Approval Charts. These tests cannot and do not represent all possible corrosive environments. Prior to installation, verify through the end-user that the coatings are compatible with or suitable for the proposed environment. For automatic sprinklers, the ENT coating is applied to all exposed exterior surfaces, including the waterway, but the Belleville spring is exposed.

Approval Chart 1 (UL)

Mirage® Concealed Pendent Sprinklers VK462 and VK463

Sprinkler Temperature Rating
Cover Plate Temperature Rating
AW14: Cover Plate Finish KEY

Sprinkler Base Part No. ¹	SIN	NPT Thread Size		Nominal K-Factor		Maximum Water Working Pressure	Listings and Approvals ⁴ (Refer also to Design Criteria)					
		Inch	mm	U.S.	metric ²		cULus ⁴	NYC	VdS ⁷	LPCB	CE	CCC
		Standard Response Applications										
13503A	VK462	1/2"	15	5.6	80.6	175 psi (12 bar)	—	—	AY1, CZ1	AY1, BZ1	AY1, CZ1 ⁸	—
19785A	VK462	1/2"	—	5.6	80.6	175 psi (12 bar)	—	—	—	—	—	AY2, CZ2
Quick Response Applications												
13503A	VK462	1/2"	15	5.6	80.6	175 psi (12 bar)	AV1, BX1	AV1, BW1 ⁹	—	—	—	—
13503JN ¹¹	VK462	1/2"	15	5.6	80.6	175 psi (12 bar)	AV1, BX1	AV1, BW1 ⁹	—	—	—	—
13667A	VK463	1/2"	15	5.6	80.6	250 psi (17.2 bar) ³	AV1, BX1	AV1, BW1 ⁹	—	—	—	—
Sprinkler Temperature Ratings A - 155 °F (68 °C) B - 175 °F (79 °C) and 200 °F (93 °C) C - 200 °F (93 °C)			Cover Plate Assembly Temperature Ratings ⁹ V - 135 °F (57 °C) cULus Listed cover 13504 ¹ , 13642 ¹ (large diam- eter), or 15394 ¹ (square cover plate) W - 165 °F (74 °C) cover 13504 ¹ or 13642 ¹ (large diameter) X - 165 °F (74 °C) cover 13504 ¹ , or 13642 ¹ (large diameter) Y - 135 °F (57 °C) cover 13504 ¹ LPCB Approved as 139 °F (59 °C) Z - 165 °F (74 °C) cover 13504 ¹					Cover Plate Assembly Finishes ¹⁰ 1 - Polished Chrome, Brushed Chrome, Bright Brass, Antique Brass, Brushed Brass, Brushed Copper, Painted White, Painted Ivory, or Painted Black 2 - Brass				

Footnotes

¹ Part number shown is the base part number. For complete part number, refer to current Viking price list schedule.

² Metric K-factor measurement shown is when pressure is measured in Bar. When pressure is measured in kPa, divide the metric K-factor shown by 10.0.

³ The Water Working Pressure rating is stamped on the deflector.

⁴ This chart shows the listings and approvals available at the time of printing. Other approvals may be in process. Check with the manufacturer for any additional approvals.

⁵ Listed by Underwriter's Laboratories for use in the U.S. and Canada.

⁶ Accepted for use, City of New York Department of Buildings, MEA Number 89-92-E, Vol. 32.

⁷ VdS Approved, standards VdS 2344:2005-12, VdS 2100-25:2008-01, and EN 12259-1:1999 + A1:2001 + A2:2004 + A3:2006, Certificate G4080021.

⁸ CE Certified, Standard EN 12259-1, EC-certificate of conformity 0832-CPD-2032.

⁹ The 135/139 °F cover has an orange label. The 165 °F (74 °C) cover has a white label.

¹⁰ Painted finish consists of Polyester Baked Enamel. Other paint colors are available on request with the same listings as the standard paint colors. Listings and approvals apply for any paint manufacturer. Contact Viking for additional information.

¹¹ cULus Listed as corrosion resistant.

NOTE: Custom colors are indicated on a label inside the cover assembly. Refer to Figure 1.



TECHNICAL DATA

**MIRAGE® STANDARD AND
QR CONCEALED PENDENT
SPRINKLER VK462 AND HP
SPRINKLER VK463 (K5.6)**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058
 Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
 Visit the Viking website for the latest edition of this technical data page.

DESIGN CRITERIA - UL

(Also refer to Approval Chart 1)

cULus Listing Requirements:

Mirage® Concealed Pendent Sprinklers VK462 and VK463 are cULus Listed as quick response for installation in accordance with the latest edition of NFPA 13 for standard coverage pendent spray sprinklers as indicated below.

- For hazard occupancies up to and including Ordinary Hazard, Group II.
- Protection areas and maximum spacing shall be in accordance with the tables provided in NFPA 13. Maximum spacing allowed is 15 ft. (4.6 m).
- Minimum spacing allowed is 6 ft. (1.8 m) unless baffles are installed in accordance with NFPA 13.
- Minimum distance from walls is 4 in. (102 mm).
- Maximum distance from walls shall be no more than one-half of the allowable distance between sprinklers. The distance shall be measured perpendicular to the wall.
- The sprinkler obstruction rules contained in NFPA 13 for standard coverage pendent spray sprinklers must be followed.

NOTE: Concealed sprinklers must be installed in neutral or negative pressure plenums only.

VdS Approval Requirements:

- The sprinkler can be installed in a concrete ceiling (massive ceiling) or in a false ceiling made of light materials.
- This sprinkler is deflector fixed type and can be only activated by heat. The housing is not tight.
- Follow installation guidelines of current standards, CEA4001VdS and EN12845. These sprinklers can only be installed in LH and OH occupancies, except in OH4.

NOTES: Due to the design the sprinkler type 'Domed-CCP' shall not be installed in false ceilings in which the false ceiling space is protected by a water extinguishing system.

Due to the design the sprinkler type 'Domed-CCP' shall not be installed in false ceilings in which during a fire the pressure above the false ceiling may be assumed to be higher than the pressure below the false ceiling.

The criterion for the dropping of the cover relevant for this approval is heat.

Steps of installation:

1. Prepare the sprinkler key.
2. Remove the plastic cover.
3. Hold the sprinkler with the wrench and fasten it.
4. Replace the plastic cover and do not remove until the cover is installed.

IMPORTANT: Always refer to Bulletin Form No. F_091699 - Care and Handling of Sprinklers. Also refer to Bulletin Form No. F_080614 for general care, installation, and maintenance information. Viking sprinklers are to be installed in accordance with the latest edition of Viking technical data, the appropriate standards of NFPA, LPCB, APSAD, VdS or other similar organizations, and also with the provisions of governmental codes, ordinances, and standards, whenever applicable.



All custom color painted cover plates will have an identifying label affixed to the inside of the cover that indicates the custom color and will have a representative sample (a paint dot) of the paint on the label.

Figure 1: Identification of Custom Paint for Concealed Covers

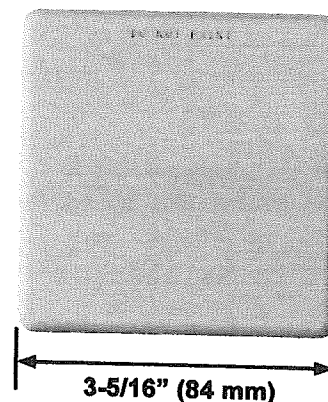


Figure 2: Square Cover Assembly 15394



TECHNICAL DATA

**MIRAGE® STANDARD AND
QR CONCEALED PENDENT
SPRINKLER VK462 AND HP
SPRINKLER VK463 (K5.6)**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058
Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
Visit the Viking website for the latest edition of this technical data page.

		Approval Chart 2 (FM)					Sprinkler Temperature Rating Cover Plate Temperature Rating AW1+ Cover Plate Finish KEY	
Sprinkler Base Part No. ¹	SIN	NPT Thread Size		Nominal K-Factor		Maximum Water Working Pressure	FM Approvals ³ (Refer also to Design Criteria below.)	
		Inch	mm	U.S.	metric ²			
13503A	VK462	1/2"	15	5.6	80.6	175 psi (12 bar)	AW1, BX1	
Sprinkler Temperature Ratings A - 155 °F (68 °C) B - 175 °F (79 °C) and 200 °F (93 °C)		Cover Plate Assembly Temperature Ratings ⁴ W - 139 °F (59 °C) cover 13504 ¹ , 13642 ¹ (large diameter), or 15394 ¹ (square cover plate) X - 165 °F (74 °C) cover 13504 ¹ , 13642 ¹ (large diameter), or 15394 ¹ (square cover plate)				Cover Plate Assembly Finishes ⁵ 1 - Polished Chrome, Brushed Chrome, Bright Brass, Antique Brass, Brushed Brass, Brushed Copper, Painted White, Painted Ivory, or Painted Black		
Footnotes								
¹ Part number shown is the base part number. For complete part number, refer to current Viking price list schedule.								
² Metric K-factor measurement shown is when pressure is measured in Bar. When pressure is measured in kPa, divide the metric K-factor shown by 10.0.								
³ This chart shows the FM Approvals available at the time of printing. Other approvals may be in process. Check with the manufacturer for any additional approvals.								
⁴ The 139 °F (59 °C) cover has an orange label. The 165 °F (74 °C) cover has a white label.								
⁵ Painted finish consists of Polyester Baked Enamel. Other paint colors are available on request with the same listings as the standard paint colors. Listings and approvals apply for any paint manufacturer. Contact Viking for additional information.								
NOTE: Custom colors are indicated on a label inside the cover assembly. Refer to Figure 1.								

DESIGN CRITERIA - FM	
(Also refer to Approval Chart 2 above.)	
FM Approval Requirements: Viking Concealed Pendent Sprinkler VK462 is FM Approved as a standard response Non-Storage concealed pendent sprinkler as indicated in the FM Approval Guide. For specific application and installation requirements, reference the latest applicable FM Loss Prevention Data Sheets (including Data Sheet 2-0). FM Global Loss Prevention Data Sheets contain guidelines relating to, but not limited to: minimum water supply requirements, hydraulic design, ceiling slope and obstructions, minimum and maximum allowable spacing, and deflector distance below the ceiling. NOTE: The FM installation guidelines may differ from cULus and/or NFPA criteria.	
IMPORTANT: Always refer to Bulletin Form No. F_091699 - Care and Handling of Sprinklers. Also refer to page SR1-3 for general care, installation, and maintenance information. Viking sprinklers are to be installed in accordance with the latest edition of Viking technical data, the appropriate standards of NFPA, FM Global, LPCB, APSAD, VdS or other similar organizations, and also with the provisions of governmental codes, ordinances, and standards, whenever applicable.	



TECHNICAL DATA

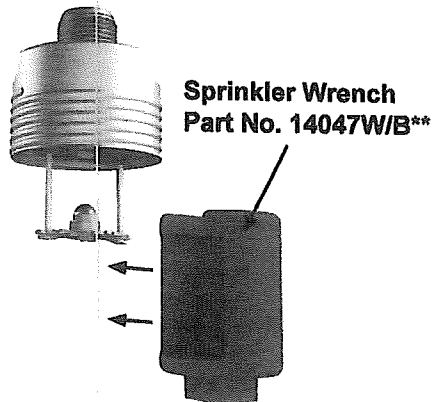
**MIRAGE® STANDARD AND
QR CONCEALED PENDENT
SPRINKLER VK462 AND HP
SPRINKLER VK463 (K5.6)**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

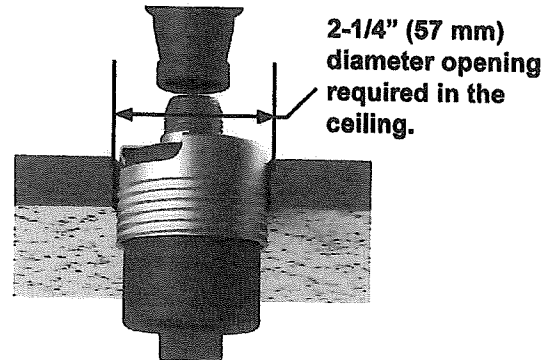
Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com
Visit the Viking website for the latest edition of this technical data page.

**Sprinkler and
Adapter Assembly**

- Protective cap removed
- Use wrench 14047W/B**



Step 1:
Carefully slide the
wrench sideways around
the deflector and pins



Step 2:
Carefully press the wrench upward and
turn slightly to ensure engagement with
the sprinkler wrench flats.

NEVER install the sprinkler by applying the installation wrench across the frame arms. **DO NOT** overtighten. Use only the designated sprinkler wrenches, Viking Part Numbers 14047W/B** or 14031**. A leak tight seal should be achieved by turning the sprinkler clockwise 1 to 1-1/2 turns beyond finger tight.

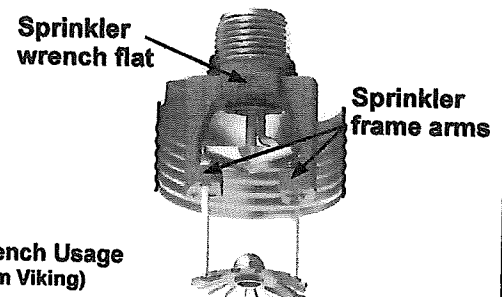
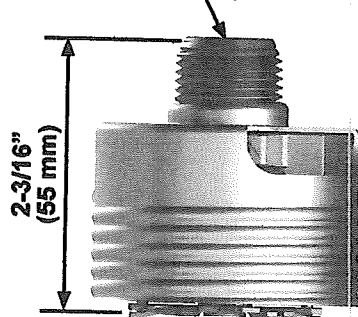
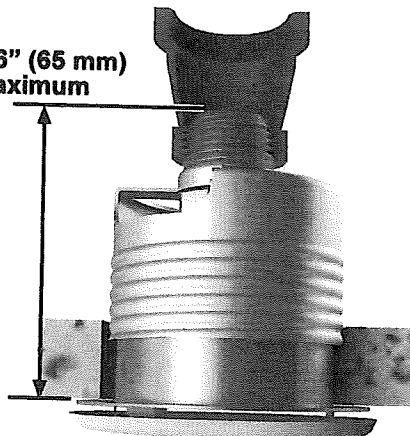


Figure 3: Sprinkler Installation and Proper Wrench Usage
** A 1/2" ratchet is required (Not available from Viking)

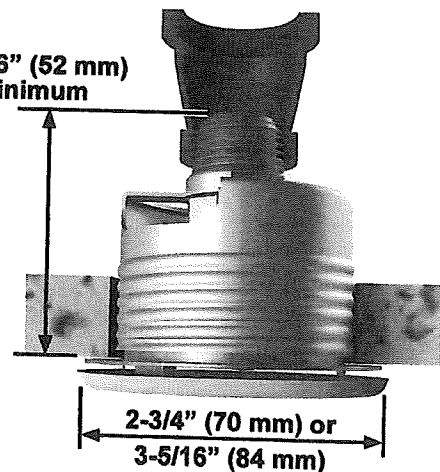
1/2" (15 mm) NPT



2-9/16" (65 mm)
Maximum



2-1/16" (52 mm)
Minimum



NOTE: Upon sprinkler activation, the deflector descends to approximately 13/16" (21 mm) below the sprinkler body.

Figure 4: Sprinkler Dimensions and Cover Installation

20-015

1-28-20: Check
to finance. AF

SPANIER REALTY LLC
55 NEWBURGH ROAD
HACKETTSTOWN, NJ 07840

1044

60-912313

DATE

12-16/19

PAY
TO THE
ORDER OF

Township of Washington

\$ 50.00

Fifty dollars 01/00

DOLLARS



Photo
deposit
Details on back

BBT

BRANCH BANKING AND TRUST COMPANY
1-800-BANK BBT BBT.com

FOR

EA N. L. R.

⑆00001044⑆ ⑆031309123⑆ 1390008999682⑆