Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

This File Contains Personal Identifiable Information of Private Citizen(s).

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- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020

BLOCK 671 LOT 1d QUALIFICATION CODE ______ ADDRESS (SITE) 56 CHAMBERSBRIDGE SPACE 19 PERMIT NO. 20-1037

CONSTRUCTION PERMIT APPLICATION

C20-000115

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 56 Chambersbridge Rd SPACE 19 Brick Plaza
2. Name of Owner in Fee: Federal Realty Investment Trust
   Tel. ( ) ______ e-mail ______
   Address 50 East Wynnewood Suite 200 Wynnewood PA 19096 (street / municipality / zip code)
3. Ownership in Fee: Public ✓ Private ______
4. Principal Contractor: National Maintenance Tel. 267) 966 5239
   Address 1044 Pulinski Rd e-mail Skonsey@nmbce
   Ivyland PA 18974
   License No. OR, if new home, Builder Reg. No. ______ Exp. Date ______
   Home Improvement Contractor Registration No. or Exemption Reason (if applicable): ______
   Federal Emp. ID No. 300020638 FAX: ( ) ______
5. Architect or Engineer JI Architects Contact
   Address 115 Weston Rd West Chester PA e-mail WHouser@JIStewart
   Tel. (610) 429 4770 FAX: ( ) ______
6. Responsible Person in Charge once Work has Begun Joe Konsey
   Tel. (267) 966 5239 FAX: ( ) ______

V. FEE SUMMARY (for office use only)

			Update 1A	Update 1B
1.	Building	$ 1000 ✓		
2.	Electrical	440 ✓		150 ✓
3.	Plumbing	520 ✓		
4.	Fire Protection	241 ✓	291 ✓	116 ✓
5.	Elevator Devices			
6.	Subtotal			
7.	Less 20% for State Plan Review	$		
8.	Subtotal	$		
9.	State Permit Surcharge Fee	94	32	22
10.	Subtotal	$		
11.	Cert. of Occupancy	Z 175		
12.	Other	200 Eng.		
13.	TOTAL	$ 4410	323	288

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories 1
2. Height of Structure 20 ft.
3. Area — Largest Floor ______ sq. ft.
4. New Building Area 1425 sq. ft.
5. Volume of New Structure 79,021 cu. ft.
6. Max. Live Load ______
7. Max. Occupancy Load 42
8. If Industrialized Building: State Approved ______ HUD ______
9. Total Land Area Disturbed ______ sq. ft.
10. Flood Hazard Zone ______
11. Base Flood Elevation ______ ft.
12. Wetlands yes ______ no ______

(office use only)

COMMERCIAL

Rolled Plans

IIa. PROPOSED WORK

☐ Minor Work ☒ New Building ☐ Addition ☐ Demolition
☐ Repair ☒ Alteration ☐ Renovation ☐ Reconstruction
☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

Int. alt. / addition

IIb. SUBCODES
(Check all that apply)

FOR OFFICE USE ONLY (Optional)

Subcode	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Reviewer	Resubmission Approval	Resubmission Rejection	Reviewer
☐ Building	120,000				03/30/20	KEK			
☐ Electrical	26,000			2/6/20	2/12/20				
☐ Plumbing	3,800				2-17-20				
☐ Fire Protection				2/12/20			4/6/20		
☐ Elevator			1/31/20		3/23/20	ECC			
		Eng		Exempt	4/23/20	ECC			
TOTAL COST									

2/18/20 Inc.

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL *(primary use)*
1. State Specific Use: ______
2. Use Group, Proposed: ______
3. Change in Use Group, Indicate Present: ______
4. No. of dwelling units: *Total Units* *Income-restricted*
   Gained, Sale ______
   Gained, Rental ______
   Lost, Sale ______
   Lost, Rental ______

B. NON-RESIDENTIAL *(primary use)*
1. State Specific Use: ______
2. Use Group, Proposed: ______
3. Change in Use Group, Indicate Present: ______

C. MIXED USE -List secondary use(s): ______

D. Construct. Classification: Present ______ Proposed ______

III. PLAN REVIEW (optional)

DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 02/17/2021
Control Number C-20-000115
Permit Number 20-1037
Permit Issue Date 05/27/2020
Certificate Number 20-1037

Certificate

Construction Code Division

(Certificate of Occupancy)

Identification

Work Site Location: 56 CHAMBERS BRIDGE RD. Brick Township, NJ Block: 671 Lot: 1.01 Qual:

Owner in Fee: FEDERAL REALTY INVESTMENT TRUST %

Owner Address: PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone:

Contractor National Maintenance & Buildout

Address 1044 PULINSKI RD Ivyland PA 18974

Telephone: (215) 442-2538 Fax: (215) 442-5679 Federal Emp. Number: 300020638

License Number or Builders Registration Number:

Home Warranty Number: Type of Warranty Plan: ☐ State ☐ Private

Use Group: B Construction Classification:

Maximum Live Load: 0 Maximum Occupancy Load: 42

Description of Work/Use: ADDITION, ALTERATION - COMMERCIAL - - SPACE 19

Certificate Comments:

☑ **Certificate of Occupancy**
This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☐ **Certificate of Approval**
This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**
This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**
The following conditions must be met no later than
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**
This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**
This serves notice that based on written certification, asbestos abatement was performed to the following extent.

☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**
This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**
The following conditions must be met no later than:
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

Construction Official

Fee: $340.00
Check Number: 30079
Collected By: Christopher Winters

Date Printed: 02/17/2021

U.C.C. F260 (rev. 08/05)

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 02/17/2021
Control Number C-20-000115
Permit Number 20-1037
Permit Issue Date 05/27/2020
Certificate Number 20-1037

Certificate

Construction Code Division

(Certificate of Occupancy)

Identification

Work Site Location: 56 CHAMBERS BRIDGE RD. Brick Township, NJ Block: 671 Lot: 1.01 Qual:

Owner in Fee: FEDERAL REALTY INVESTMENT TRUST %

Owner Address: PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone:

Contractor National Maintenance & Buildout

Address 1044 PULINSKI RD Ivyland PA 18974

Telephone: (215) 442-2538 Fax: (215) 442-5679 Federal Emp. Number: 300020638

License Number or Builders Registration Number:

Home Warranty Number: Type of Warranty Plan: ☐ State ☐ Private

Use Group: B Construction Classification:

Maximum Live Load: 0 Maximum Occupancy Load: 42

Description of Work/Use: ADDITION, ALTERATION - COMMERCIAL - - SPACE 19

Certificate Comments:

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This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

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☐ Partial or limited time period (years); see file

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☐ **Temporary Certificate of Occupancy**
The following conditions must be met no later than:
or the owner will be subject to fine or order to vacate:
This certificate has an expiration date of:
Conditions to be met:

Construction Official

Date Printed: 02/17/2021

U.C.C. F260 (rev. 08/05)

Fee: $340.00
Check Number: 30079
Collected By: Christopher Winters

NEW JERSEY UNIFORM CONSTRUCTION CODE

BUILDING SUBCODE
TECHNICAL SECTION

Space 19 (Behind AMC)

Date Received 5/27/20
Control #
Date Issued
Permit # 20-1037

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

Block 671 Lot 1.01 Qualification Code

Work Site Location 56 chambersbridge rd suite 19 brick plaza

Permit 20-1037

Owner in Fee: federal realty and trust 215-962-9017

Tel. (484) 419-1208 e-mail ncain@federalrealty.com

Address 50 east wynwood rd suite 200 (street) wynwood (municipality) 19098 (zip code)

Contractor: National Maintenance and Build out Tel. (267) 966-5239

Address 1044 pulinski rd e-mail jkornsey@nmboc.com

ivyland pa 18974

Contractor License No. or Builder Registration No. Exp. Date

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 300020638 FAX:

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: [signature]

Print name here: Joseph Kornsey

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

remove exterior space in rear of building
install new shell addition in rear
install new rtu unit over addition

COMMERCIAL

JOB SUMMARY (Office Use Only)

PLAN REVIEW

	Date	Initial
[ ] No Plans Required		
[✓] All	03/30/20	KEK
[ ] Footings/Foundations		
[ ] Structural/Framework		
[ ] Exterior		
[ ] Interior		

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT
Date: 03/30/20
Approved by: KEK

SUBCODE APPROVAL for CERTIFICATE
[✓] CO [ ] CCO [ ] CA
Date: 11/09/20
Approved by: KEK

INSPECTIONS Dates (Month/Day)

Type	Failure	Failure	Approval	Initial
Footing + 2 Pier			6-9-20	[initial]
Bond Beam #1	6-19-20		6-24-20	[initial]
Foundation Mid wall			6-16-20	[initial]
Slab				
Frame Partial - Perimeter Walls only			7-7-20	[initial]
Bond Beam #2			6-29-20	[initial]
Frame - Interior				
Insulation Partial Perimeter walls			7/14/20	[initial]
Addition walls frame 7/14/20				
Frame 9/21/20				
Framing Mezzanine			9-9-20	[initial]
Mechanical				
TCO				
Other FND Top Block			7-7-20	[initial]
Final 9/30/20 10/6/20			11/6/20	[initial]

B. BUILDING CHARACTERISTICS

Use Group Present Proposed
No. of Stories 1
Height of Structure 20 ft.
Area — Largest Floor / sq. ft.
New Bldg. Area/All Floors 1425 sq. ft.
Volume of New Structure 75,025 cu. ft.
Max. Live Load
Max. Occupancy Load 42

Constr. Class Present Proposed

If Industrialized Building:
State Approved HUD

Est. Cost of Bldg. Work:
1. New Bldg. $ 100,000
2. Rehabilitation $ 20,000
3. Total (1+ 2) $ 120,000

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 $

U.C.C. F110 (rev. 11/09) Internet version

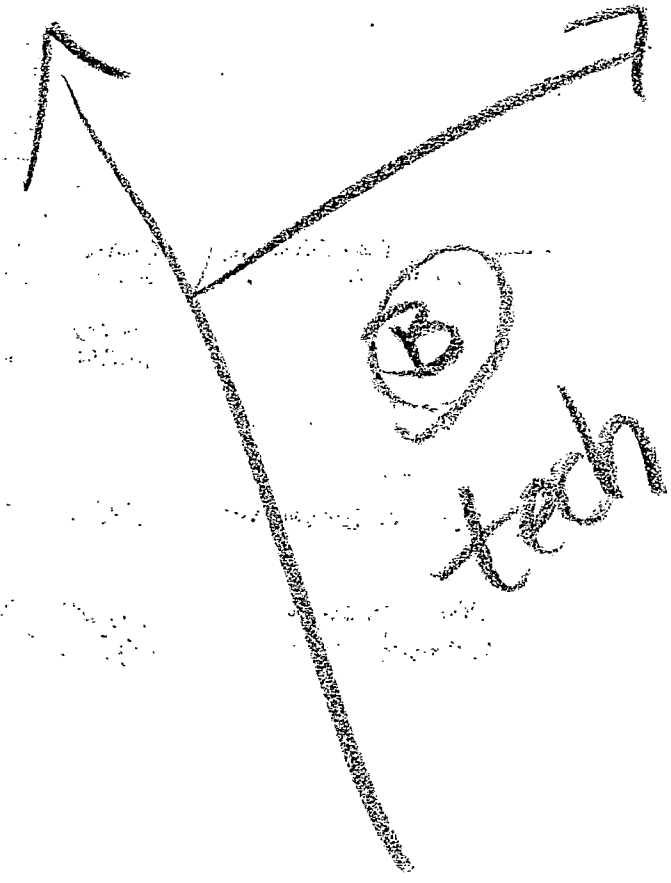
Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

7/14/20 PM Addition was not done yet...

9/2/20 AM Frame not Ready

* 9/30/20 AM Final - Demise wall seal penetration both sides

* 10/6/20 PM Final Penetration can't use foam TAPE tight and Fire caulk.



*6.24.20 Road Barn #1

ELECTRICAL SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Space 19 GC 102 Room DR# 344464506 30 120/208 OH

Date Received / Control # 5/27/20

Date Issued / Permit # 20-1037

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

Block 67 Lot 10.01 Qualification Code

Work Site Location 56 Chambers Bridge Rd Brick NJ

Space 19

Owner in Fee: Federal Realty

Tel. e-mail

Address 50 E Wynnewood (street) Wynnewood (municipality) Pa (zip code)

Contractor: MJM Electric Inc Tel. 732 859-0314

Address 7 South Tamarack Dr. e-mail mike@mjmelectric.net

Boca NJ 08730

Contractor License No. 12715B Exp. Date 3/21

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 22-3485744 FAX:

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 24,000 — PASS 9-1-20 JW

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: Michael J McKeever

[X] Licensed Elec. Contractor [ ] Certif'd Landscape Irrigation Cont'r [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Install Service + power Distribution Addition/Alt to Space 19

QTY.	SIZE	ITEMS	FEE (Office Use Only)
1		Lighting Fixtures	
3		Receptacles	
		Switches	
		Detectors	
		Light Poles	
		Motors—Fract. HP	
2		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
		TOTAL NUMBERS	$
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
1	12	KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
1	400	AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

COMMERCIAL

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Underslab Utilities Approved

Date: Approved by:

[✓] Electric Plans Approved

Date 2/12/20 Approved by: JW

Joint Plan Review Required:

[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT

Date: 2-17-2020

Approved by: JWW

SUBCODE APPROVAL for CERTIFICATE

[X] CO [ ] CCO [X] CA

Date: 9-30-2020

Approved by: JWW

INSPECTIONS — Dates (Month/Day)

Type:	Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench For Service			6-17-2020	JWW
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service (main)			9-14-20	JW
Final			9-30-2020	JWW
Barrier-Free				
Temp. Cut-in-Card Date Issued			9-14-20	JW
Final Cut-in-Card Date Issued				
Annual Pool Inspection				
Date of Grounding and Bonding Certification				

Walls Rough

2 - spaces left of Hard Store

U.C.C. F120 (rev. 11/09) 1 White + Inspector Copy 2 Canary = Office Copy 3 Pink = Office Copy 4 Gold = Applicant Copy

ELECTRICAL SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received 5/27/20
Control #
Date Issued
Permit # 20-1037+B

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

Block 671 Lot 1.01 Qualification Code

Work Site Location Hand and Stone Vanilla Box
Brick Plaza, 56 Chambers Bridge Road, Suite 19

Owner in Fee: Federal Reality

Tel. (973) 967-0967 e-mail

Address 50 E. Wynnewood (street) Wynnewood, PA (municipality) (zip code)

Contractor: ELECTRONIC SECURITY SOLUTIONS Tel. (215) 277-5248

Address 5115 Campus Drive e-mail jeffmitchell@essfiresys.com
Plymouth Meeting, PA 19462

Contractor License No. Exp. Date

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 25-189772 FAX: (215) 277-5263

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 6,000

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: Tom Capie

[ ] Licensed Elec. Contractor [ ] Certif'd Landscape Irrigation Cont'r [X] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
Fire Alarm Vanilla Box

QTY.	SIZE	ITEMS	FEE (Office Use Only)
		Lighting Fixtures	
		Receptacles	
		Switches	
		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
15		Alarm Devices/F.A.C. Panel	
15		TOTAL NUMBERS	$
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HR Garbage Disposal	
		KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

COMMERCIAL

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[X] Electric Plans Approved
Date: 9-20-2020 Approved by:

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 9-20-2020
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 9-30-2020
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final			9-30-2020	
Barrier-Free				

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued
Annual Pool Inspection
Date of Grounding and Bonding Certification

U.C.C. F120 (rev. 11/09)
Internet version

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

NEW JERSEY UNIFORM CONSTRUCTION CODE

PLUMBING SUBCODE TECHNICAL SECTION

Space 19 (Handelstone) shell permit

Date Received 5/27/20
Control #
Date Issued 20-1037
Permit #

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

Block 671 Lot 1.01 Qualification Code

Work Site Location 56 Chambers Bridge Rd Brick Plaza Space 19

Owner in Fee: Federal Realty Trust

Tel. 484 419 1208 e-mail NCain@FederalRealty.com

Address 50 East Wynnwood Wynnwood PA
street municipality zip code

Contractor: Pinnacle Plumbing Tel. 732 818-0506

Address 915 Rt. 9 N unit 2 e-mail
Bayville, N.J. 08721

Contractor License No. 10508 Exp. Date 6-30-2021

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 81-0591940 FAX: 732 504-7428

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size 4" Public Sewer Private Septic

Water Service Size 1½ Public Water Private Well

Est. Cost of Plumbing Work $ 3800

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: [signature]

Print name here: Shawn Forgezza

[X] Licensed Plumbing Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
Addition / Alteration to space 19

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

COMMERCIAL

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[X] Plumbing Plans Approved
Date: 2-17-20 Approved by: [initials]
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 2-17-20
Approved by: [initials]

SUBCODE APPROVAL for CERTIFICATE
[X] CO [ ] CCO [ ] CA
Date: 9-30-20
Approved by: [initials]

INSPECTIONS — Dates (Month/Day)

Type	Failure	Failure	Approval	Initial
Slab			9-10-20	[initials]
Rough				
Water			8-18-20	[initials]
Sewer			8-18-20	[initials]
Fixtures				
Gas Equipment				
Gas Piping			9-28-20	WM
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final			9-30-20	WM

Stub out only existing J.D. 8-18-20

Service across parking lot 1½ + tap 9-25-20 WM

U.C.C. F130 (rev. 11/09) 1. White = Inspector 2. Canary = Office Copy 3. Pink = Office Copy 4. Gold = Applicant Copy

[redacted]d=Stone Future) Occup-42 B

Space 19 4159 sqft
4207 Total

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received 5/27/20
Control #
Date Issued
Permit # 20-1037

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

Block 671 Lot 101 Qualification Code ______

Work Site Location 56 Chanad Bridge Rd Brick Plaza Space 19

Owner in Fee: Federal Realty Trust

Tel. 484 419 1205 e-mail NCA@federalrealty.com

Address 50 Eastwynnwood Wynnwood PA 19096
(street / municipality / zip code)

Contractor: National Maintenance Tel. ______

Address 1044 Pulaski Rd e-mail Jkomsa@nm...
Fulton PA 18974

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

Fire Protection Equipment, NJ Div of Fire Safety Installer No. ______

Fire Alarm Contractor No. ______ Exp. Date ______

Home Improvement Contractor Registration No. or Exemption Reason ______

Federal Emp. ID No. ______ FAX: ______

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: [signature]

Print name Here: Sos Komsa

D. TECHNICAL SITE DATA [ ] Certified Contractor [ ] Exempt Applicant

DESCRIPTION OF WORK: Addition / Alt. to Space 19

Water Supply Source

Method of Alarm/Suppression System Supervision ______

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present ______ Proposed ______

Constr. Class: Present ______ Proposed ______

Heating System: [ ] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [ ] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other ______

Location: ______

Total Cost of Fire Protection Work $ 250.

Fuel Storage Tank:
Fuel Type: [ ] Flammable OR [ ] Combustible
Capacity ______

Fire Alarm System: [ ] New OR [ ] Existing
Location of Panel: ______

Fire Suppression/Standpipe System: [ ] New OR [ ] Existing
Location of Main Control Valve: ______

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks		$
Alarm Systems		
[ ] System		
[ ] 110v Interconnected		
[ ] CO Detectors/110v		
Alarm Devices (i.e., smoke, heat, pulls, water/flow)		
Supervisory Devices (i.e., tampers, low/high air)		
Signaling Devices (i.e., horn/strobes, bells)		
Other Devices Emergency light	2	
TOTAL		
Suppression Systems		
Fire Pump ____ GPM Type ____		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads (Dry and Wet)		
Standpipes		
Pre-engineered Systems		
Wet Chemical		
Dry Chemical		
CO_2 Suppression		
Foam Suppression		
FM200 Suppression		
Other		
Other Systems		
Kitchen Hood Exhaust System		
Smoke Control System		
Fuel-Fired Appliances [X] Gas [ ] Oil [ ] Solid	1 RTU.	
Fireplace Venting/Metal Chimney		
Other		

COMMERCIAL

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial - Underslab Utilities Approved
Date:______ Approved by:______
[ ] Fire Protection Plans Approved
Date:______ Approved by:______
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.
SUBCODE APPROVAL for PERMIT
Date: 4/6/20
Approved by: [signature]
SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 10/7/20
Approved by: [signature] ADSC

INSPECTIONS — Dates (Month/Day)

Type:	Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			9/30/20	NN
Other ______				

U.C.C. F140 (rev. 02/11) 1 White = Inspector Copy 2 Canary = Office Copy 3 Pink = Office Copy 4 Gold = Applicant Copy

Space 19 - New Rest Bureau Door

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received / Control # 5/27/20

Date Issued / Permit # 20-1037 +A

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

Block 61 Lot 101 Qualification Code

Work Site Location 56 Chambers Bridge Rd Brick Plaza Space 19.

Owner in Fee: Federal Realty Inv Trust

Tel. 484 419-8008 e-mail NCain@federalrealty.com

Address 50 E Wynnewood Suite 200 Wynnewood PA
street municipality zip code

Contractor: Premier Fire Systems Tel. 8484485512

Address 2 Ilene Ct. e-mail

Hillsborough, NJ 08844

Fire Protection Equipment, NJ Div of Fire Safety Permit No. P00647

Fire Protection Equipment, NJ Div of Fire Safety Installer No.

Fire Alarm Contractor No. Exp. Date 10/22

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 223828273 FAX: 7322621780

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present ____ Proposed ____

Constr. Class: Present ____ Proposed ____

Heating System: [ ] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [ ] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location:

Total Cost of Fire Protection Work $ 17,000.-

Fuel Storage Tank:

Fuel Type: [ ] Flammable OR [ ] Combustible

Capacity

Fire Alarm System: [T] New OR [ ] Existing

Location of Panel:

Fire Suppression/Standpipe System:

[T] New OR [ ] Existing

Location of Main Control Valve: Rear of Space

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: Mike Kelly

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: New System for Tenant

Water Supply Source Flood

Method of Alarm/Suppression System Supervision Flow / Tamper

	NUMBER	FEE (Office Use Only) $
Flammable/Combustible Tanks		
Alarm Systems		
[ ] System		
[ ] 110v Interconnected		
[ ] CO Detectors/110v		
Alarm Devices (i.e., smoke, heat, pull, water/flow)	1	
Supervisory Devices (i.e., tampers, low/high air)	1	
Signaling Devices (i.e., horn/strobes, bells)		
Other Devices		
TOTAL		
Suppression Systems		
Fire Pump ____ GPM Type ____		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads (Dry and Wet)	48	
Standpipes		
Pre-engineered Systems		
Wet Chemical		
Dry Chemical		
CO_2 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 $		

COMMERCIAL

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date ____ Approved by: ____
[ ] Fire Protection Plans Approved
Date: ____ Approved by: ____
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4/28/20
Approved by: [signature]

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] TCO [ ] CA
Date: 10/15/20
Approved by: [signature]

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			10/15/20	[signature]
Other				

U.C.C. F140 (rev. 02/11) Internet version

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

Date Received 5/27/20
Control #
Date Issued
Permit # 20-1037 +B

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

Block 1071 Lot 1.01 Qualification Code

Work Site Location Hand and Stone Vanilla Box
Brick Plaza, 56 Chambers Bridge Road, Suite 19

Owner in Fee: Federal Reality

Tel. e-mail

Address 50 E. Wynnewood ave. Wynnewood, PA
street municipality

Contractor: Electronic Security Solutions Tel. (215) 277-5248
zip code

Address 5115 Campus Drive e-mail tcapie@essfiresys.com
Plymouth Meeting, PA 19462

Fire Protection Equipment, NJ Div of Fire Safety Permit No. P01299

Fire Protection Equipment, NJ Div of Fire Safety Installer No.

Fire Alarm Contractor No. 34BF000377 Exp. Date 01/31/2023

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 25-189772 FAX: (215) 277-5263

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present M Proposed M

Constr. Class: Present 11B Proposed 11B

Heating System: [ ] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [ ] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location:

Total Cost of Fire Protection Work $ 6,000

Fuel Storage Tank:
Fuel Type: [ ] Flammable OR [ ] Combustible
Capacity

Fire Alarm System: [ ] New OR [X] Existing
Location of Panel: Sprinkler Room

Fire Suppression/Standpipe System:
[ ] New OR [ ] Existing
Location of Main Control Valve:

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: Tom Capie

[X] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source

Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only) $
Flammable/Combustible Tanks		
Alarm Systems		
[X] System		
[ ] 110v Interconnected		
[ ] CO Detectors/110v		
Alarm Devices (i.e., smoke, heat, pulls, water/flow)	9	
Supervisory Devices (i.e., tampers, low/high air)		
Signaling Devices (i.e., horn/strobes, bells)	3	
Other Devices bps/ann/facp	3	
TOTAL	15	
Suppression Systems		
Fire Pump ___ GPM Type ___		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads (Dry and Wet)		
Standpipes		
Pre-engineered Systems		
Wet Chemical		
Dry Chemical		
CO_2 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		

COMMERCIAL

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial Underslab Utilities Approved
Date: Approved by:
[ ] Fire Protection Plans Approved
Date: Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.
SUBCODE APPROVAL for PERMIT
Date: 4/13/20
Approved by:
SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 10/2/20
Approved by:

INSPECTIONS Type:	Failure	Failure	Approval	Initial
	Dates (Month/Day)			
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			9/30/20	
Other				

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

INSPECTOR: Sean Riello | DATE: 2/1/21

JOB: Commercial | SECTION: Lakelton

TYPE OF WORK: Tenant Fit-up | PERMIT #: 20-2459

INSPECTION: Final C.O.

LOCATION: 56 Chambers Ridge Rd. Stone Mtn

WEATHER / TEMP: Cloudy, 32°F

BLOCK: 67 | LOT: 101

ENGINEERING RECOMMENDATIONS FOR CERTIFICATION OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway		
2. Grading		
3. Sidewalk		
4. Road Pavement		
5. Landscaping & Sodding		
6. Clean-up Procedures		
7. Note on-going construction in immediate area		
8. Safety		
9. As Built Survey / Elevation Certificate		

COMMENTS REFERENCING ITEM NUMBER:

* Bollards installed to protect electrical equipment.

* All items completed & are acceptable.

No Punch List

RECOMMENDATIONS:

- ☐ TEMP. C.O.
- ☒ FINAL C.O.
- ☐ DETAILED REINSPECTION
- ☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED
- ☐ REQUIRES PERMIT UPDATE / ADDITIONAL PERMITS
- ☐ $50.00 REINSPECTION FEE

Edwin C. Comanzo, Jr.

MUNICIPAL ENGINEER

APPLICATION FOR CERTIFICATE

Date Received 01/09/2020
Date Permit Issued 05/27/2020
Control # C-20-000115
Permit # 20-1037
Date Issued

IDENTIFICATION

Block 671 Lot 1.01 Qualifier

Work Site Location 56 CHAMBERS BRIDGE RD. Brick Township, NJ

Owner in Fee FEDERAL REALTY INVESTMENT TRUST %
PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone

Contractor National Maintenance & Buildout
Address 1044 PULINSKI RD Ivyland PA 18974

Telephone (215) 442-2538
Lic. No. or Bldrs. Reg. No.
Federal Employee. No. 300020638

ACTION

- [x] CERTIFICATE OF OCCUPANCY
- [ ] CERTIFICATE OF CONTINUED OCCUPANCY
- [ ] LEAD HAZARD ABATEMENT CERTIFICATE OF CLEARANCE
- [ ] TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP Previous B Current

FINAL COST OF CONSTRUCTION: $ 150050
(Include value of any new structure, all on-site improvements, built-in furnishings and fixtures and all the integral equipment exclusive of process or manufacturing equipment.)

A set of "As Built" or amended drawings is required if the building or structure deviates from the approved plans filed with the construction permit.
Use space below to describe any deviations from approved plans:

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

DESCRIPTION OF WORK/USE:
Addition/Alteration ADDITION ALTERATION - COMMERCIAL - SPACE 19

I hereby attest that to the best of my knowledge, the completed project meets the conditions of construction permit and all prior approvals, and all work has been completed substantially in accordance with the code and with those portions of the plans and specifications controlled by the code, with any substantial deviations noted. Incomplete items listed on a Temporary Certificate of Occupancy will be complete by the date on the

SIGNED: _____
Owner/Agent

- [ ] OWNER
- [ ] AGENT

Tenant fit-ups / Commercial Renovations

Certificate requirements

print
reset defaults
check all
complete

Tenant fit-ups / Commercial Renovations

UCC Requirements

Approved Final Building Inspection	comment	☑	☐
Approved Final Electrical Inspection	comment	☑	☐
Approved Final Plumbing Inspection	comment	☑	☐
Approved Final Fire Inspection	comment	☑	☐
Approved Final Elevator Inspection (If Applicable)	comment	☐	☑

Prior Approvals

Approval from the BTMUA (732) 458-7000 **SEE CC in Permit 20-1037**	**comment**	☑	☐
Approval from the Division of Engineering (If Applicable) **SEE APPROVAL IN PERMIT 20-1037**	**comment**	☑	☐
Final Ocean County Soil Conservation 714 Lacey Rd. Forked River (609) 971-7002 (If Applicable)	comment	☐	☑
Affordable Housing Approval (If Applicable)	comment	☐	☑
Signed Certificate of Occupancy Application	comment	☑	☐
All Updates Have Been Approved	comment	☑	☐

This checklist has been given to: (edit)

THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY
1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
(732) 458-7000

CERTIFICATE OF COMPLIANCE

Date 2/17/21

NAME Brick Plaza- Hand & Stone

ADDRESS PO Box 182601 Columbus OH 43218-2601

PROPERTY LOCATION Federal Realty #19

Account No 3592814-56 Block 671 Lot 1.01

I hereby certify that the above applicant has complied with all Rules and Regulations of this Authority and has paid all required fees and charges.

For the Authority

PERMIT UPDATE

Date Update Issued 5/27/20
Control # C-20-000115+B
Permit # +B

IDENTIFICATION Block: 671 Lot: 1.01 Qualifier

Work Site Location: 56 CHAMBERS BRIDGE RD. Brick Township, NJ

Owner in Fee: FEDERAL REALTY INVESTMENT TRUST % PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone:

Contractor: National Maintenance & Buildout
Address: 1044 PULINSKI RD Ivyland PA 18974

Telephone: (215) 442-2538
Lic. No. or Bldrs. Reg. No. 13vh07302100
Federal Employee. No. 300020638

Is hereby granted permission to perform the following work:

- ☐ BUILDING
- ☐ PLUMBING
- ☐ LEAD HAZARD ABATEMENT
- ☑ ELECTRICAL
- ☑ FIRE PROTECTION
- ☐ DEMOLITION
- ☐ ELEVATOR DEVICES
- ☐ ASBESTOS ABATEMENT (Subchapter 8 only)
- ☐ OTHER

DESCRIPTION OF WORK:

ADDITION, ALTERATION - COMMERCIAL - SPACE 19 ...UPDATE +B - ALARMS

PAYMENTS (Office Use Only)

Building	$0
Electrical	$150
Plumbing	$0
Fire Protection	$116
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$22
CO Fee	
Other	$0
Total	$288
Check No.	2119
Cash	$0
(Credit	$0
Collected By	

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work $12,000

Construction Official

Date 4/17/20

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR 2 CANARY - OFFICE **3 PINK - TAX ASSESSOR** 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☑ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☑ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

PERMIT UPDATE

Date Update Issued 5/27/20
Control # C-20-000115+A
Permit # +A

IDENTIFICATION Block: 671 Lot: 1.01 Qualifier

Work Site Location: 56 CHAMBERS BRIDGE RD. Brick Township, NJ

Owner in Fee: FEDERAL REALTY INVESTMENT TRUST %
PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone:

Contractor: National Maintenance & Buildout
Address: 1044 PULINSKI RD Ivyland PA 18974

Telephone: (215) 442-2538
Lic. No. or Bldrs. Reg. No. 13vh07302100
Federal Employee. No. 300020638

Is hereby granted permission to perform the following work:

- ☐ BUILDING
- ☐ PLUMBING
- ☐ LEAD HAZARD ABATEMENT
- ☐ ELECTRICAL
- ☑ FIRE PROTECTION
- ☐ DEMOLITION
- ☐ ELEVATOR DEVICES
- ☐ ASBESTOS ABATEMENT (Subchapter 8 only)
- ☐ OTHER

DESCRIPTION OF WORK:

ADDITION, ALTERATION - COMMERCIAL - SPACE 19 ...UPDATE +A - SPRINKLERS

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work $17,000

Construction Official

Date 4/17/20

PAYMENTS (Office Use Only)

Building	$0
Electrical	$0
Plumbing	$0
Fire Protection	$291
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$32
CO Fee	
Other	$0
Total	$323
Check No.	3009
Cash	$0
Credit	$0
Collected By	

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☑ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☑ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

CONSTRUCTION PERMIT

Date Issued 4/17/20
Control # C-20-000115
Permit # CO 1037

IDENTIFICATION Block: 671 Lot: 1.01 Qualifier

Work Site Location: 56 CHAMBERS BRIDGE RD. Brick Township, NJ

Owner in Fee: FEDERAL REALTY INVESTMENT TRUST % PO BOX 92129 (ALTUS GROUP SOUTHLAKE TX 76092

Telephone:

Contractor: National Maintenance & Buildout
Address: 1044 PULINSKI RD Ivyland PA 18974

Telephone: (215) 442-2538
Lic. No. or Bldrs. Reg. No. 13vh07302100
Federal Employee. No. 300020638

Is hereby granted permission to perform the following work:

- [x] BUILDING
- [x] PLUMBING
- [ ] LEAD HAZARD ABATEMENT
- [x] ELECTRICAL
- [x] FIRE PROTECTION
- [ ] DEMOLITION
- [ ] ELEVATOR DEVICES
- [ ] ASBESTOS ABATEMENT (Subchapter 8 only)
- [ ] OTHER

DESCRIPTION OF WORK:
ADDITION, ALTERATION - COMMERCIAL - SPACE 19

PAYMENTS (Office Use Only)

Building	$2,396
Electrical	$440
Plumbing	$520
Fire Protection	$241
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$198
CO Fee	$340.00
Other	$200
Total	$4,335
Check No.	1037
Cash	$0
Credit	$0
Collected By	

+75
4410

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work $150,050

Construction Official

4/17/20
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR 2 CANARY - OFFICE 3 PINK - TAX ASSESSOR 4 GOLD - APPLICANT

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

- [ ] Required inspections for all subcodes for one- and two-family dwellings are as follows:
  1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
  2. Foundations and all walls up to grade level prior to back filling.
  3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
  4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

  Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

- [ ] Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- [x] A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- [x] A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # ZP-20-00506
DATE ISSUED 5/27/20

BLOCK: 671 LOT: 101 QUALIFIER: — SITE ADDRESS: 56 Chambersbridge Rd SPACE 19

IDENTIFICATION:

1. NAME OF OWNER IN FEE: Federal Realty Investment trust
COMPLETE ADDRESS: 50 East Wynnewood Suite 200 Wynnewood PA 19096
PHONE # 484-419-1268 EMAIL: NCain@FederalRealty.com

2. NAME OF APPLICANT: Virtua | Maintenance and build at
APPLICANT ADDRESS: 1044 Rulinski Rd Ivyland PA 18974
PHONE # 267-966-5239 EMAIL: JKonnsey@VMBOC.com

3. RESPONSIBLE PERSON FOR WORK: Joe Konnsey
PHONE# 267 966 5239 FAX# _____

4. SIGNATURE OF APPLICANT: [signature]

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: $ 75-
OTHER: $ _____
TOTAL: $ 75-

REQUIRED BY APPLICANT

RESIDENTIAL: _____
COMMERCIAL: ~~COMMERCIAL~~
EXISTING USE: Walmart Store
PROPOSED USE: Future Hand + Stone
Cond. exempt

BOARD APPROVAL: ___ PB ___ ZB
RESOLUTION#: CE-33-10/19
APPROVAL DATE: _____

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: _____ *ADDITION X *ALTERATION X *PORCH _____ *DECK _____

POOL: ABOVE GROUND _____ IN GROUND _____ FENCE: HEIGHT _____ TYPE _____ MATERIAL _____

HEIGHT: _____ (*IF APPLICABLE)

OTHER _____

DESCRIPTION: Remove Existing Rear Building and Install New Infill Addition for Future Tenancy

ZONING REVIEW:

DATE REVIEWED: 1-15-20 DATE DENIED: DATE APPROVED: 1-15-20 INITIALS: CE

(SEE BACK PAGE)

Community Development and Land Use

401 Chambers Bridge Rd.

Brick NJ 08723

(732) 262-1041

Receipt

Payment Date 05/27/2020

Transaction # PMT-20-03587

Receipt #

Issued To NATIONAL MAINTENANCE & BUILD OUT CO., LLC

Description
PRELIMINARY AFFORDABLE HOUSING
BLOCK 671 LOT 1.01
56 CHAMBERS BRIDGE ROAD

Date Printed 05/27/2020

Check Number 30078

Cash	$0.00
Check	$693.00
Charge	$0.00
Total Paid	$693.00

COAH Fee

Council on Affordable Housing (COAH) Fee

Block: 671 Lot: 1.01 56 CHAMBERS BRIDGE RD.

General | Fees | Payments

General

Date: 1/30/2020 | Application Type: Commercial | Application Number: ZA-20-00040

Values

Sq. Ft.:	
Cost / Sq. Ft.:	
Estimated Assessed Value:	
Actual Assessed Value:	55,400
Equalized Value:	
Land Value:	

○ Use Cost / Sq. Ft. for Calculation

◉ Use % of Assessed Value for Calculation

Contributions

Initial % Due:	1
% Required:	2.5
Estimated Contribution Fee:	0
Actual Contribution Fee:	1385

○ Use Estimated Fee for Payment Due

◉ Use Actual Fee for Payment Due

Notes

Prelim Fees Due $693.00

OK | Cancel

OK
1-30-20
CR

Brick Township
401 Chambers Bridge Rd.
Brick, NJ 08723
(732) 262-1041

Date Issued: 5/27/20
Application Number: ZA-20-00040
Application Date: 1/13/2020
Project Number:
Permit Number: ZP20-00506
Fee: $75.00

Zoning Permit

Worksite **56 CHAMBERS BRIDGE RD.**
Location: **Brick Township, NJ 08723**

Owner: **FEDERAL REALTY INVESTMENT TRUST %**
Address: **PO BOX 92129 (ALTUS GROUP**
SOUTHLAKE, TX 76092

Applicant: **Natural Maintenance and Build Out**
Address: **1044 Pulinski Rd.**
Ivyland , NJ 18974

Block: **671** Lot: **1.01** Qualifier: _____ Zone: **B-3**

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Present Use: **Massage Spa**

☐ Non Conforming Use ☐ Non Conforming Structure

Proposed Use: **Massage Spa (Hand & Stone-Massage & Facial Spa)**

Work Description:

Addition, Rehabilitation - Construction of a 642 sq. ft. expansion on to the existing unit 29 "Hand & Stone". Interior alterations to the existing space as well.

Conditionally Exempt Site Plan approval is enclosed. Case #CE-33-10/19 Dated: October 21, 2019.

Additional Zoning Permit is required for additional work.

Application Approved Date: 1/15/2020

Upon review it was determined that the Zoning Permit:

☑ Permitted by Ordinance
☐ Permitted by Variance approved on: _____
☐ Approved with Conditions
☐ Valid Nonconforming Use/Structure is established by
☐ Zoning Board of Adjustment ☐ Zoning Officer

Christopher J. Romano, Zoning Officer — 1/15/2020 Date

1507 BLOCK **671** LOT **1.01** QUAL. UPDATED ON **040219**

---------OWNER INFORMATION---------

FEDERAL REALTY INVESTMENT TRUST %
PO BOX 92129 (ALTUS GROUP
SOUTHLAKE TX 76092

DED AMT #OWN **01**
BANK# MORT# SS#

---------PROPERTY INFORMATION---------

PROP LOC: **56 CHAMBERS BRIDGE RD.**
PROPERTY CLASS **4A** ACCOUNT# **00412618**
BLDG DESC **8-1SCB**
LAND/ACRE **45.53** **AC** / 45.53
ADDITIONL LOTS
BRICK PLAZA
ZONE **B3** MAP **38.2** USER#1 **S18** #2 **S19**
BULT **0000** UNITS **01** BCLASS **10**
VCS **C1** SFLA **00000**

----------SALES INFORMATION----------

	DATE	BOOK	PAGE	PRICE	PCD	NU	4TYPE
CUR:	**083011**	**14972**	**24**	**1**	**Z**	**25**	**733**
-1:	051811			1			
-2:	021601			28000000			

-------EXEMPT PROPERTY DATA-------

EPL CD STAT.
FACILITY
INIT FILE FUR FILE
ASMT CODE

---VALUES---

LAND **26668500**
IMPR **37294000**
EXM1
EXM2
EXM3
EXM4
NET **63962500**

-----TENANT REBATE----

BASE YR	TAXES	FLAG
19	**1473709.84**	**N**

--------TAXES--------

19 TOTAL **1473709.84**
20 HALF1 **736854.92**
20 TOTAL **.00**
21 HALF1 **.00**
SPTAX CDS: F01
OLDID: 671 1

NEXT ACCESS: BLK LOT QUAL
EN=CHANGE F1=NO ACTION F3=ASSMT HISTORY F5=RECORD CARD F7=MORE

1/23/2020

HAND AND STONE

ADDN 642 #

EQ VALUE $55,400

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

Division of Land Use Planning

Tara B. Paxton, MPA, PP, AICP
Township Planner
tpaxton@bricktownship.net

732-262-4783
Fax: 732-262-2941
www.bricktownship.net

November 19, 2019

Federal Realty Investment Trust
50 East Wynnewood Road
Wynnewood, PA 19096

Re: Conditionally Exempt Site Plan Application
Case #CE-33-10/19
Federal Realty Investment Trust
56 Chamber Bridge Road
Block 671 Lot 1.01
Brick, NJ 08723

Dear Sir:

We have completed our review of the application and plans for a Conditionally Exempt Site Plan for a 642 sq. ft. expansion to the existing space at Block 671, Lot 1.01, 56 Chambers Bridge Road. The proposal is for the removal of 783 square feet to be removed from Unit #19 – Hand and Stone Massage and for the expansion/reconstruction of the same unit with masonry construction of a 33'x9"x41' addition , 19' high. The addition will be 1,425 square feet for a total increase of 642 square feet. The proposal does not include a change in use from service – massage therapy.

This Conditionally Exempt Site Plan is granted concurrently with the resolution compliance plans provided by Jeffrey J. Carr and dated October 21, 2019.

Prior to construction and occupancy, Zoning, Engineering and Building approvals and inspections are required. Please include this approval letter with your application along with copies of the approved Site Plan. Feel free to contact me is you have any questions or require additional information.

Very truly yours,

Tara B. Paxton, MPA, PP, AICP
Township Planner

c Pamela O'Neill, Board of Adjustment/Planning Board Secretary
Christopher Romano, Zoning Officer

Spoke to Joe

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Thursday, February 13, 2020

To: FEDERAL REALTY INVESTMENT TRUST
%
PO BOX 92129 (ALTUS GROUP
SOUTHLAKE, TX 76092

RE: Fire Subcode
Block: 671 Lot: 1.01 Qual:
56 CHAMBERS BRIDGE RD.
Permit Number: Control Number: C-20-000115
Last Submit Date: Wednesday, February 12, 2020

Dear FEDERAL REALTY INVESTMENT TRUST %,

Your request is hereby denied based upon the following infractions.

1. Need permit update, plan, and specificationsfor the fire sprinkler system work. ✓
2. Need permit update, plan, and specifications for the fire alarm system work. ✓

Sincerely,

Richard Orlando, Subcode Official

CC:

Resubmit 4/6/20 RO

115 Westtown Road
Suite 201
West Chester, PA 19382
610.429.4470 p
610.429.4472 f
www.listerarch.com

JOHN W. LISTER
architects

January 8, 2020

Plan Review
Township of Brick
401 Chambers Bridge Rd
Brick, NJ 08723

Re: Space 19 Addition Size Confirmation

Dear Mr. Newman,

This letter is to confirm that the cubic feet of the proposed addition to the site for space 19 of Brick Plaza is 12,286 cubic feet.

626.72 square feet x 19.6 feet in height = 12,286 cubic feet

Thank You,

John W. Lister, AIA, LEED AP, Green Globes Professional

BRICK TOWNSHIP
RECEIVED
1
BUILDING DEPARTMENT

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Thursday, February 6, 2020

To: FEDERAL REALTY INVESTMENT TRUST
%
PO BOX 92129 (ALTUS GROUP
SOUTHLAKE, TX 76092

RE: Electrical Subcode
Block: 671 Lot: 1.01 Qual:
56 CHAMBERS BRIDGE RD.
Permit Number: Control Number: C-20-000115
Last Submit Date: Tuesday, February 4, 2020

Dear FEDERAL REALTY INVESTMENT TRUST %,

Your request is hereby denied based upon the following infractions.

No plans submitted
Show wire size, race way size, and fault current .

Sincerely,

Thomas Olson, Subcode Official

CC:

Tom
please check
rolled plans
for
VAD

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK CH

PERMIT # Rev-20-0002

BLOCK 671 **LOT** 1.01 **ADDRESS** _____

IDENTIFICATION:

1. WORK SITE ADDRESS 56 Chambersbridge Rd SPACE 19
2. APPLICANT Federal Realty and Trust National Maintenance
3. NAME OF OWNER IN FEE Federal Realty trust
   ADDRESS 50 EAST wynnwood suite 200 wynnwood PA 19096
   PHONE 484-419-1208 EMAIL NCAmy@FederalRealty.com
4. PRINCIPAL CONTRACTOR National Maintenance And Repair LLC et
   ADDRESS 1044 Pulaski Rd Ivyland PA 18974
   PHONE 2679665239 EMAIL JKornsey@NMBoC.com
5. ARCHITECT OR ENGINEER Lindstrom Diessner And Carr
   ADDRESS 136 Drum Point Rd
   PHONE 7324778900 EMAIL JCarr@LDEpc.com
6. RESPONSIBLE PERSON FOR WORK Joe Kornsey
   ADDRESS 1044 Pulaski Rd Ivyland PA 18974
   PHONE 2679665239 EMAIL JKornsey@NMBoC.com

FEE SUMMARY:

APPLICATION FEE	$ 200
REVIEW FEE	$
INSPECTION FEE	$
OTHER	$
BOND(S)	$
TOTAL	$ 200

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS _____

DRAINAGE EASEMENTS _____

UTILITY EASEMENTS _____

CONSERVATION EASEMENTS _____

FEMA REQUIREMENTS _____

D.E.P. PERMITS _____

BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER _____

APPROVED DATE _____

PROJECT DESCRIPTION:

☐ GRADING/CLEARING ☐ ROAD OPENING ☐ SOIL REMOVAL / FILL

☐ RETAINING WALL ☐ POOL ☐ BULKHEAD / DOCK ☐ DWELLING

☐ TREE REMOVAL ☐ COMMERCIAL SITE MAINTENANCE

☑ DESCRIPTION Addition

ENGINEERING REVIEW:

DATE RECEIVED 1/31/20 DATE REJECTED _____ DATE APPROVED 2/3/20 INITIALS ECC

State of New Jersey
Department of Community Affairs
Division of Fire Safety

Hereby Issues To

PREMIER FIRE SYSTEMS

Fire Protection Equipment Contractor Business Permit

In The Following Fire Protection Areas:

Fire Sprinkler System

P00647	05/13/2019 to 10/31/2022
Permit ID	Date Issued Lapse Date

Sheila Y. Oliver
Commissioner

HYDRAULIC CALCULATIONS

for:
Proposed Renovations for:

Future Hand and Stone
Space 19 - Brick Plaza
56 Chambers Bridge Road
Brick, New Jersey 08723

DESIGN DATA: CALCULATION #1
Area Calculated: Most Demanding Uprights
System 1 - Wet - Uprights
Hazard: OHG2 - Temporary Storage
Density: 0.20 gpm/ft
Minimum Pressure Per Head: 7 psi
Area: 1200 Sq. Ft. (QR Reduction)
No. Sprinklers Calculated: 13
Area Per Sprinkler: 130 Sq. Ft. Max.
Hose Demand: 250.000 gpm
Total Water Required: 598.997 gpm
Total Pressure Required: 65.928 psi
Safety Margin: 6.21 psi

JOB: # 315

Installing Contractor:
Premier Fire Systems
License # P00647
2 Ilene Court #21
Hillsborough, N.J. 08844
TEL: (908) 874-4414

No.	Revision/Issue	Date
1	Preliminary Design	02/21/2020
2	Released for Submittal	02/26/2020
3		
4		
5		
6		
7		
8		
9		

FIRE SPRINKLER DESIGN BY:
Tsunami Fire Suppression, L.L.C.

A new wave in fire protection.
3770 N.C. State Highway 134, Asheboro, North Carolina 27205
TEL: (732) 597-6357/E-MAIL: Trevor@TsunamiFireSprinkler.com
Trevor A. Silvers, CET
NICET LIC. #128017
Automatic Sprinkler System Layout, Level III
Inspection & Testing of Water Based, Level III

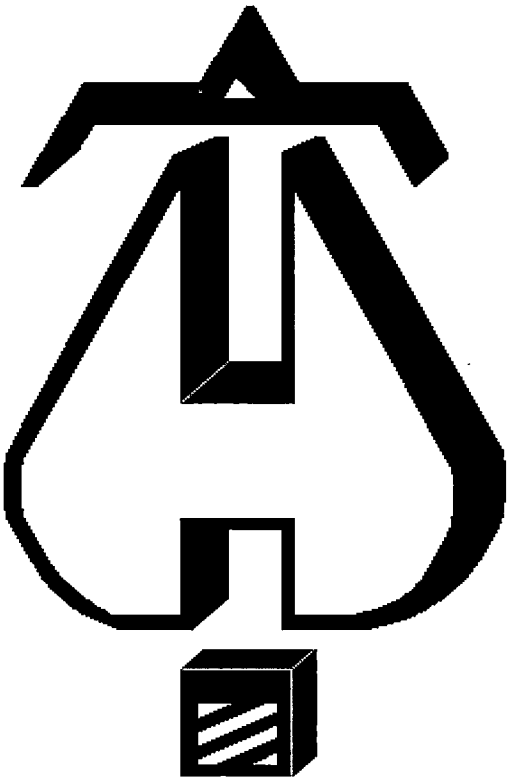
CARL A. MOENKE, P.E.
PROFESSIONAL ENGINEER

611 Royal Lane
TOMS RIVER, N.J. 08753
(732) 240 - 5680

N.J. LICENSE NUMBER 39052
FLA. LICENSE NUMBER 42005
FAX: (732) 240 - 3463

Signature:

3-2-2020
Date:



. . . Fire Protection by Computer Design

Premier Fire Systems, Inc.
2 Ilene Court Suite #21
Hillsborough, N.J. 08844
(908) 874-4414

Job Name	:	Hand and Stone
Building	:	SPK100
Location	:	Brick Plaza - 56 Chambers Bridge Road, Brick, NJ 08723
System	:	1
Contract	:	315
Data File	:	315 Hand and Stone Brick Plaza Submittal 02-21-2020 AREA 1.w

HYDRAULIC CALCULATIONS
for

Project name: Hand and Stone - Brick Plaza Space #19
Location: Brick Plaza - 56 Chambers Bridge Road, Brick, NJ 08723
Drawing no: SPK100
Date: 02-21-2020

Design

Remote area number: 1
Remote area location: Most Demanding/Remote
Occupancy classification: Ordinary Hazard Group 2 - Mercantile
Density: 0.2 - Gpm/SqFt
Area of application: 1200 (QRRed) - SqFt
Coverage per sprinkler: 130 - SqFt
Type of sprinklers calculated: Victaulic V38 8.0K SIN#V3602
No. of sprinklers calculated: 13
In-rack demand: N/A - GPM
Hose streams: 250 - GPM
Total water required (including hose streams): 598.997 - GPM @ 65.9279 - Psi
Type of system: New Wet Tree System
Volume of dry or preaction system: N/A - Gal

Water supply information

Date: 05-06-2014
Location: Hydrant on Property
Source: MAC Sprinkler

Name of contractor: Premier Fire Systems, Inc.
Address: 2 Ilene Court Suite #21 / / Hillsborough, N.J. 08844
Phone number: (908) 874-4414
Name of designer: Tsunami FireSuppression
Authority having jurisdiction: Local Fire Marshal
Notes: (Include peaking information or gridded systems here.) Safety Factor: 6.21 psi

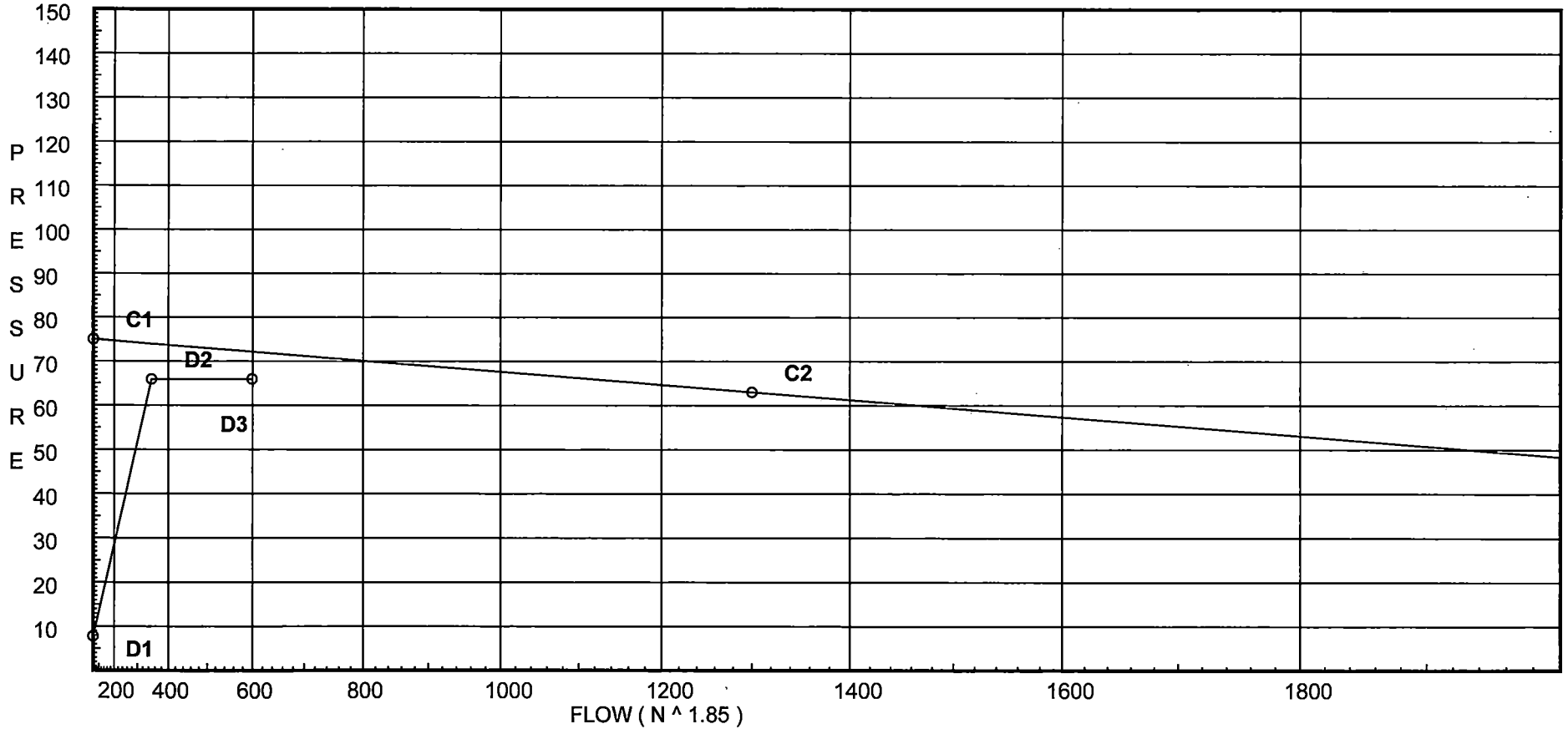
Water Supply Curve C

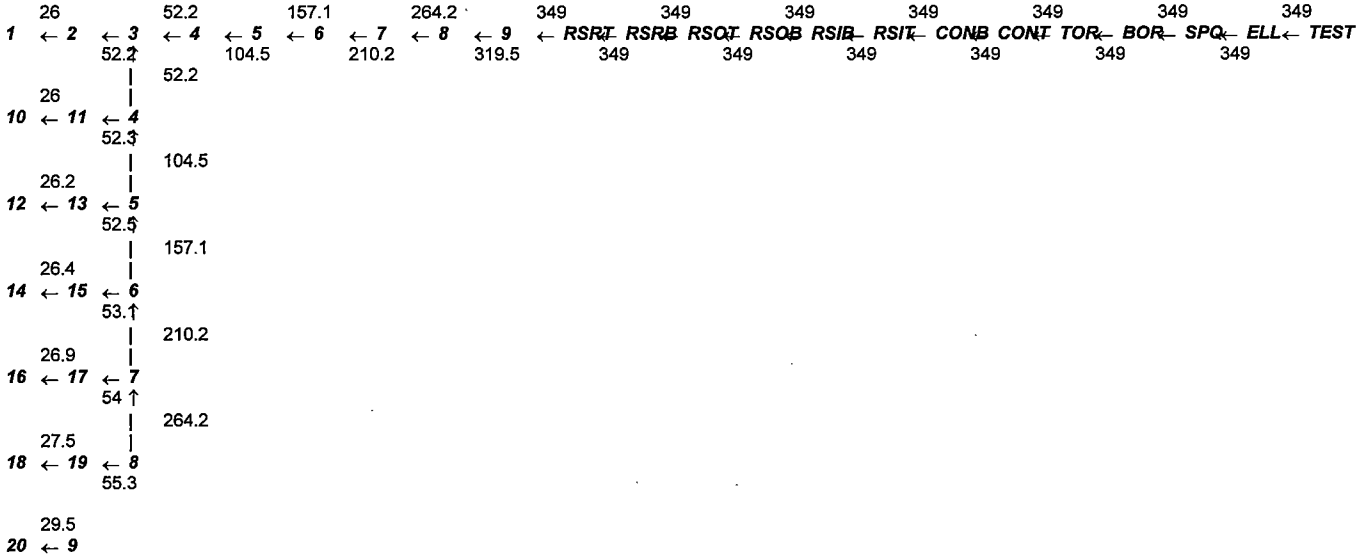
Premier Fire Systems, Inc.
Hand and Stone

Date 02-21-2020

City Water Supply:
- C1 - Static Pressure : 75
- C2 - Residual Pressure: 63
- C2 - Residual Flow : 1300

Demand:
- D1 - Elevation : 7.796
- D2 - System Flow : 348.997
- D2 - System Pressure : 65.928
- Hose (Demand) : 250
- D3 - System Demand : 598.997
- Safety Margin : 6.210




26
1 ← 2 ← 3
52.2
26
10 ← 11 ← 4
52.3
26.2
12 ← 13 ← 5
52.5
26.4
14 ← 15 ← 6
53.1
26.9
16 ← 17 ← 7
54
27.5
18 ← 19 ← 8
55.3
29.5
20 ← 9
52.2
157.1
264.2
349
← 4 ← 5 ← 6 ← 7 ← 8 ← 9 ← RSRT RSRB RSOT RSOB RSIB RSIT CONB CONT TOR BOR SPO ELL TEST
52.2
104.5
210.2
319.5
349
349
349
349
349
349
349
52.2
104.5
157.1
210.2
264.2

Fittings Used Summary

Fitting Legend

Abbrev.	Name	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	8	10	12	14	16	18	20	24
B	NFPA 13 Butterfly Valve	0	0	0	0	0	6	7	10	0	12	9	10	12	19	21	0	0	0	0	0
E	NFPA 13 90' Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
F	NFPA 13 45' Elbow	1	1	1	1	2	2	3	3	3	4	5	7	9	11	13	17	19	21	24	28
Fsp	Flow Switch Potter VSR	Fitting generates a Fixed Loss Based on Flow																			
G	NFPA 13 Gate Valve	0	0	0	0	0	1	1	1	1	2	2	3	4	5	6	7	8	10	11	13
S	NFPA 13 Swing Check	0	0	5	7	9	11	14	16	19	22	27	32	45	55	65					
T	NFPA 13 90' Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121
Ziw	Wilkins 375ASTDA	Fitting generates a Fixed Loss Based on Flow																			

Units Summary

Diameter Units	Inches
Length Units	Feet
Flow Units	US Gallons per Minute
Pressure Units	Pounds per Square Inch

Note: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters. Equivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors of 120 except as noted with *. The fittings marked with a * show equivalent lengths values supplied by manufacturers based on specific pipe diameters and CFactors and they require no adjustment. All values for fittings not marked with a * will be adjusted in the calculation for CFactors of other than 120 and diameters other than Sched 40 per NFPA.

Node No.	Elevation	K-Fact	Pt Actual	Pn	Flow Actual	Density	Area	Press Req.
1	18.0	8	10.56	na	26.0	0.2	130	7.0
2	18.0	8	10.75	na	26.23	0.2	130	7.0
3	18.0		11.73	na				
4	18.0		11.76	na				
5	18.0		11.87	na				
6	18.0		12.12	na				
7	18.0		12.52	na				
8	18.0		13.14	na				
9	18.0		14.0	na				
RSRT	18.0		18.42	na				
RSRB	9.0		23.24	na				
RSOT	9.0		28.58	na				
RSOB	5.0		34.74	na				
RSIB	5.0		36.77	na				
RSIT	9.0		35.45	na				
CONB	9.0		40.82	na				
CONT	18.0		37.85	na				
TOR	18.0		42.87	na				
BOR	2.0		54.5	na				
SPQ	2.0		64.8	na				
ELL	-5.0		67.86	na				
TEST	0.0		65.93	na	250.0			
10	18.0	8	10.59	na	26.03	0.2	130	7.0
11	18.0	8	10.78	na	26.27	0.2	130	7.0
12	18.0	8	10.69	na	26.15	0.2	130	7.0
13	18.0	8	10.88	na	26.39	0.2	130	7.0
14	18.0	8	10.92	na	26.43	0.2	130	7.0
15	18.0	8	11.11	na	26.67	0.2	130	7.0
16	18.0	8	11.28	na	26.87	0.2	130	7.0
17	18.0	8	11.49	na	27.11	0.2	130	7.0
18	18.0	8	11.85	na	27.53	0.2	130	7.0
19	18.0	8	12.06	na	27.78	0.2	130	7.0
20	18.0	8	13.61	na	29.51	0.2	130	7.0

The maximum velocity is 13.41 and it occurs in the pipe between nodes 9 and RSRT

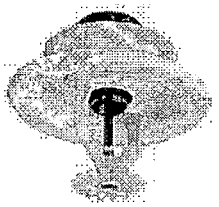
Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv.	Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	******* Notes ******
1	26.00	1.682		0.0	9.040	10.562		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
2	26.0	0.0212		0.0	9.040	0.192		Vel = 3.75
2	26.23	1.682	1T	9.9	2.730	10.754		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
3	52.23	0.0771		0.0	12.630	0.974		Vel = 7.54
3	0.0	3.26		0.0	9.620	11.728		
to		120.0		0.0	0.0	0.0		
4	52.23	0.0031		0.0	9.620	0.030		Vel = 2.01
4	52.31	3.26		0.0	9.830	11.758		
to		120.0		0.0	0.0	0.0		
5	104.54	0.0111		0.0	9.830	0.109		Vel = 4.02
5	52.54	3.26		0.0	10.670	11.867		
to		120.0		0.0	0.0	0.0		
6	157.08	0.0235		0.0	10.670	0.251		Vel = 6.04
6	53.10	3.26		0.0	10.030	12.118		
to		120.0		0.0	0.0	0.0		
7	210.18	0.0404		0.0	10.030	0.405		Vel = 8.08
7	53.99	3.26		0.0	10.040	12.523		
to		120.0		0.0	0.0	0.0		
8	264.17	0.0617		0.0	10.040	0.619		Vel = 10.15
8	55.32	3.26		0.0	9.740	13.142		
to		120.0		0.0	0.0	0.0		
9	319.49	0.0876		0.0	9.740	0.853		Vel = 12.28
9	29.51	3.26	1E	9.408	33.460	13.995		
to		120.0		0.0	9.408	0.0		
RSRT	349.0	0.1032		0.0	42.868	4.422		Vel = 13.41
RSRT	0.0	3.26		0.0	9.000	18.417		
to		120.0		0.0	0.0	3.898		
RSRB	349.0	0.1032		0.0	9.000	0.929		Vel = 13.41
RSRB	0.0	3.26	2E	18.815	32.870	23.244		
to		120.0		0.0	18.815	0.0		
RSOT	349.0	0.1031		0.0	51.685	5.331		Vel = 13.41
RSOT	0.0	3.26	1B	13.44	4.000	28.575		
to		120.0	1F	4.032	38.975	1.732		
RSOB	349.0	0.1032	1S	21.503	42.975	4.434		Vel = 13.41
RSOB	0.0	3.26	2E	18.815	0.830	34.741		
to		120.0		0.0	18.815	0.0		
RSIB	349.0	0.1031		0.0	19.645	2.026		Vel = 13.41
RSIB	0.0	3.26		0.0	4.000	36.767		
to		120.0		0.0	0.0	-1.732		
RSIT	349.0	0.1032		0.0	4.000	0.413		Vel = 13.41
RSIT	0.0	3.26	2E	18.815	33.290	35.448		
to		120.0		0.0	18.815	0.0		
CONB	349.0	0.1032		0.0	52.105	5.375		Vel = 13.41
CONB	0.0	3.26		0.0	9.000	40.823		
to		120.0		0.0	0.0	-3.898		
CONT	349.0	0.1031		0.0	9.000	0.928		Vel = 13.41

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv.	Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	******* Notes ******
CONT	0.0	4.26	6E	79.002	100.000	37.853		
to		120.0		0.0	79.002	0.0		
TOR	349.0	0.0280		0.0	179.002	5.018		Vel = 7.86
TOR	0.0	4.26	1B	15.8	16.000	42.871		
to		120.0	1Fsp	0.0	44.768	9.930		* * Fixed Loss = 3
BOR	349.0	0.0280	1S	28.968	60.768	1.703		Vel = 7.86
BOR	0.0	4.026	2E	20.0	5.000	54.504		
to		120.0	1Ziw	0.0	44.000	8.490		* * Fixed Loss = 8.49
SPQ	349.0	0.0369	2B	24.0	49.000	1.809		Vel = 8.80
SPQ	0.0	8.27	1E	28.468	7.000	64.803		
to		140.0		0.0	28.468	3.032		
ELL	349.0	0.0008		0.0	35.468	0.029		Vel = 2.08
ELL	0.0	8.27	1G	6.326	100.000	67.864		
to		140.0	4E	113.872	175.552	-2.166		
TEST	349.0	0.0008	1T	55.354	275.552	0.230		Vel = 2.08
	250.00							Qa = 250.00
	599.00					65.928		K Factor = 73.77
10	26.03	1.682		0.0	9.040	10.589		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
11	26.03	0.0213		0.0	9.040	0.193		Vel = 3.76
11	26.27	1.682	1T	9.9	2.730	10.782		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
4	52.3	0.0773		0.0	12.630	0.976		Vel = 7.55
	0.0							
	52.30					11.758		K Factor = 15.25
12	26.15	1.682		0.0	9.040	10.688		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
13	26.15	0.0215		0.0	9.040	0.194		Vel = 3.78
13	26.39	1.682	1T	9.9	2.730	10.882		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
5	52.54	0.0780		0.0	12.630	0.985		Vel = 7.59
	0.0							
	52.54					11.867		K Factor = 15.25
14	26.43	1.682		0.0	9.040	10.916		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
15	26.43	0.0219		0.0	9.040	0.198		Vel = 3.82
15	26.67	1.682	1T	9.9	2.730	11.114		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
6	53.1	0.0795		0.0	12.630	1.004		Vel = 7.67
	0.0							
	53.10					12.118		K Factor = 15.25
16	26.87	1.682		0.0	9.040	11.284		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
17	26.87	0.0226		0.0	9.040	0.204		Vel = 3.88
17	27.12	1.682	1T	9.9	2.730	11.488		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
7	53.99	0.0819		0.0	12.630	1.035		Vel = 7.80
	0.0							

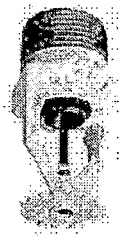
Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv.	Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	******* Notes ******
	53.99					12.523		K Factor = 15.26
18	27.53	1.682		0.0	9.040	11.846		K Factor = 8.00
to		120.0		0.0	0.0	0.0		
19	27.53	0.0236		0.0	9.040	0.213		Vel = 3.98
19	27.78	1.682	1T	9.9	2.730	12.059		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
8	55.31	0.0857		0.0	12.630	1.083		Vel = 7.99
	0.0							
	55.31					13.142		K Factor = 15.26
20	29.51	1.682	1T	9.9	4.530	13.608		K Factor = 8.00
to		120.0		0.0	9.900	0.0		
9	29.51	0.0268		0.0	14.430	0.387		Vel = 4.26
	0.0							
	29.51					13.995		K Factor = 7.89

FireLock™ V34, K8.0
Models V3401, V3402, V3405, V3406

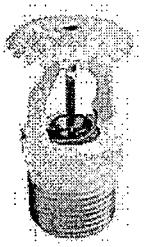
40.15



V3405/V3406
Recessed Pendent



V3405/V3406
Pendent



V3401/V3402
Upright

1.0 PRODUCT DESCRIPTION

Models: V3401, V3402, V3405, V3406

Style: Pendent, Upright or Recessed Pendent

K-Factor: 8.0 Imp./11.5 S.I.[1]

Nominal Thread Size: ¾" NPT/20 mm BSPT

Max. Working Pressure: 175 psi/1207 kPa/12 bar

Factory Hydrostatic Test: 100% @ 500 psi/3447 kPa/34 bar

Min. Operating Pressure:

- 7 psi/48 kPa
- 0.35 bar/5 psi (VdS for upright only)

Temperature Rating: See chart

[1] For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0.

2.0 CERTIFICATION/LISTINGS

c UL us LISTED FM LPCB VdS CE 0786

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

2.0 CERTIFICATION/LISTINGS (CONTINUED)

APPROVALS/LISTINGS	Model						
	V3401	V3402	V3405	V3405	V3406	V3406	V3406
Orifice Size (inches)	17/32"	17/32"	17/32"	17/32"	17/32"	17/32"	17/32"
Orifice Size (mm)	14	14	14	14	14	14	14
Nominal K-Factor Imperial	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Nominal K-Factor S.I.[2]	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Response	Standard	Quick	Standard	Standard	Quick	Quick	Quick
Deflector Type	Upright	Upright	Pendent	Recessed Pendent	Pendent	Recessed Pendent	Recessed Pendent
Adjustment				up to ¾"		up to ½"	up to ¾"
Approved Temperature Ratings	F°/C°						
cULus	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
FM	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	None
NYC/MEA # 62-99-E	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
CSFM # 7690-0531:112	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
GOST-R	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
VdS	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
CE	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
LPCB	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
CCC	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C

[2] For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0

NOTE

- Listings and Approvals as of printing. All are approved open.

3.0 SPECIFICATIONS – MATERIAL

Upright Deflector: Bronze

Pendent Deflector: Bronze

Bulb: Glass with glycerin solution

Bulb Nominal Diameter:

☐ Standard: 5.0 mm

☐ Quick Response: 3.0 mm

Load Screw: Bronze

Pip Cap: Bronze

Spring: Beryllium nickel

Seal: Teflon™[3] tape

Frame: Die cast brass 65-30

Lodgement Spring: Stainless steel

Installation Wrench:

☐ Open End: V34

☐ Recessed: V34

Sprinkler Finishes:

☐ Plain Brass

☐ Chrome plated

☐ White polyester coated[4]

☐ Flat black painted[4]

☐ Custom painted[4]

☐ VC-250[5]

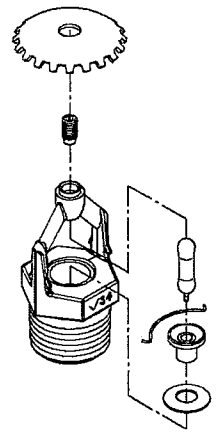
[3] Teflon™ is a registered trademark of Dupont Co.

[4] UL Listed for corrosion resistance.

[5] UL Listed and FM Approved for corrosion resistance.

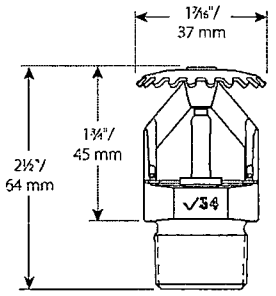
NOTE

- Weather resistant recessed escutcheons available upon request.

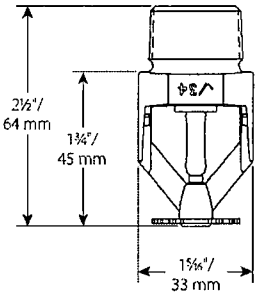


Exaggerated for Clarity

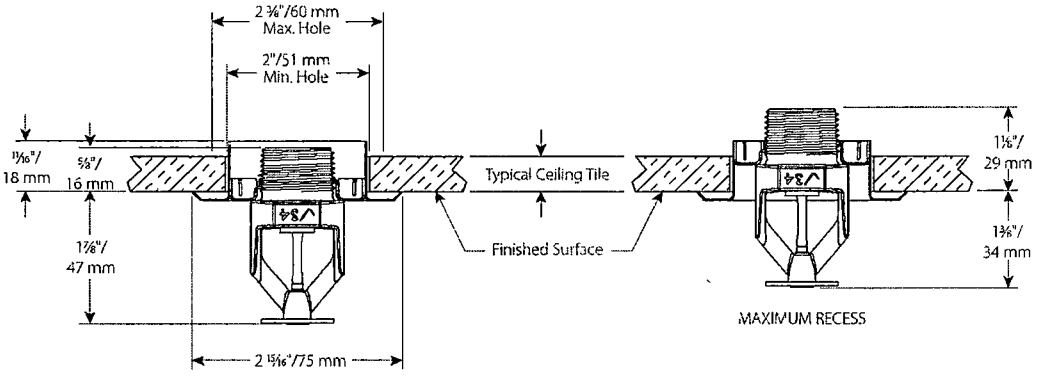
4.0 DIMENSIONS



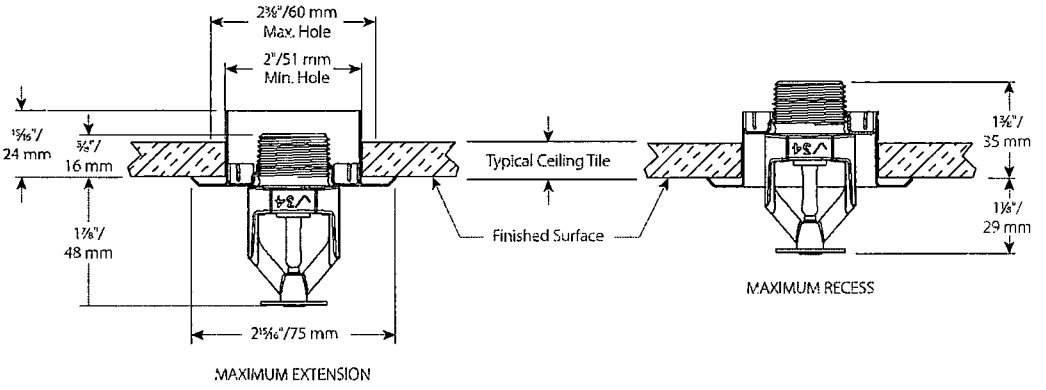
Standard Upright – V3401, V3402



Standard Pendent – V3405, V3406



½" Adjustment Recessed – V3405, V3406 (drawing not to scale)



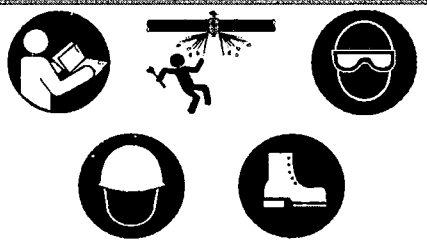
¾" Adjustment Recessed – V3405, V3406 (drawing not to scale)

5.0 PERFORMANCE

Sprinkler is to be installed and designed as per NFPA, FM Datasheets, or any local standards.

6.0 NOTIFICATIONS

⚠ WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, and foot protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

- These products shall be used only in fire protection systems that are designed and installed in accordance with current, applicable National Fire Protection Association (NFPA 13, 13D, 13R, etc.) standards, or equivalent standards, and in accordance with applicable building and fire codes. These standards and codes contain important information regarding protection of systems from freezing temperatures, corrosion, mechanical damage, etc.
- The installer shall understand the use of this product and why it was specified for the particular application.
- The installer shall understand common industry safety standards and potential consequences of improper product installation.
- It is the system designer's responsibility to verify suitability of materials for use with the intended fluid media within the piping system and external environment.
- The material specifier shall evaluate the effect of chemical composition, pH level, operating temperature, chloride level, oxygen level, and flow rate on materials to confirm system life will be acceptable for the intended service.

Failure to follow installation requirements and local and national codes and standards could compromise system integrity or cause system failure, resulting in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

Ratings

All glass bulbs are rated for temperatures from –65°F/–54°C to those shown in table below.

Sprinkler Temperature Classification	Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
		Nominal Temperature Rating	Maximum Ambient Temperature Allowed	
Ordinary	A	135°F/57°C	100°F/38°C	Orange
Ordinary	C	155°F/68°C	100°F/38°C	Red
Intermediate	E	175°F/79°C	150°F/65°C	Yellow
Intermediate	F	200°F/93°C	150°F/65°C	Green
High	J	286°F/141°C	225°F/107°C	Blue
Extra High[6]	K	360°F/182°C	300°F/149°C	Mauve
–	M	Open	–	No bulb

[6] Standard response only.
All are approved open, except for areas designated "No."

Available Wrenches:

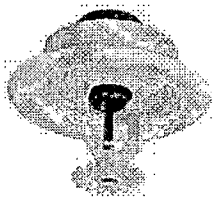
Sprinkler Type	V34 Recessed	V34 Open End
V3401, V402 Upright	–	✓
V3405, V3406 Pendent	✓	✓
V3405, V3406 Recessed Pendent	✓	–

29.01: Victaulic Terms and Conditions of Sale

I-40: Victaulic FireLock™ Automatic Sprinklers

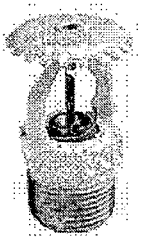
FireLock™ V34, K8.0
Models V3401, V3402, V3405, V3406

Victaulic
40.15



V3405/V3406
Recessed Pendent

V3405/V3406
Pendent



V3401/V3402
Upright

1.0 PRODUCT DESCRIPTION

Models: V3401, V3402, V3405, V3406

Style: Pendent, Upright or Recessed Pendent

K-Factor: 8.0 Imp./11.5 S.I.[1]

Nominal Thread Size: ¾" NPT/20 mm BSPT

Max. Working Pressure: 175 psi/1207 kPa/12 bar

Factory Hydrostatic Test: 100% @ 500 psi/3447 kPa/34 bar

Min. Operating Pressure:

- 7 psi/48 kPa
- 0.35 bar/5 psi (VdS for upright only)

Temperature Rating: See chart

[1] For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0.

2.0 CERTIFICATION/LISTINGS

c UL us LISTED FM LPCB VdS CE 0786

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

Victaulic

2.0 CERTIFICATION/LISTINGS (CONTINUED)

APPROVALS/LISTINGS	Model						
	V3401	V3402	V3405	V3405	V3406	V3406	V3406
Orifice Size (inches)	17/32"	17/32"	17/32"	17/32"	17/32"	17/32"	17/32"
Orifice Size (mm)	14	14	14	14	14	14	14
Nominal K-Factor Imperial	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Nominal K-Factor S.I.[2]	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Response	Standard	Quick	Standard	Standard	Quick	Quick	Quick
Deflector Type	Upright	Upright	Pendent	Recessed Pendent	Pendent	Recessed Pendent	Recessed Pendent
Adjustment				up to ¾"		up to ½"	up to ¾"
Approved Temperature Ratings	**F°/C°**						
cULus	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
FM	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	None
NYC/MEA # 62-99-E	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
CSFM # 7690-0531:112	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
GOST-R	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	135°F/57°C 175°F/79°C 200°F/93°C	135°F/57°C 175°F/79°C 200°F/93°C
VdS	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
CE	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
LPCB	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C	None	None	None	None	None
CCC	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C	155°F/68°C 286°F/141°C

[2] For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0

NOTE

- Listings and Approvals as of printing. All are approved open.

3.0 SPECIFICATIONS – MATERIAL

Upright Deflector: Bronze

Pendent Deflector: Bronze

Bulb: Glass with glycerin solution

Bulb Nominal Diameter:

☐ Standard: 5.0 mm

☐ Quick Response: 3.0 mm

Load Screw: Bronze

Pip Cap: Bronze

Spring: Beryllium nickel

Seal: Teflon™[3] tape

Frame: Die cast brass 65-30

Lodgement Spring: Stainless steel

Installation Wrench:

☐ Open End: V34

☐ Recessed: V34

Sprinkler Finishes:

☐ Plain Brass

☐ Chrome plated

☐ White polyester coated[4]

☐ Flat black painted[4]

☐ Custom painted[4]

☐ VC-250[5]

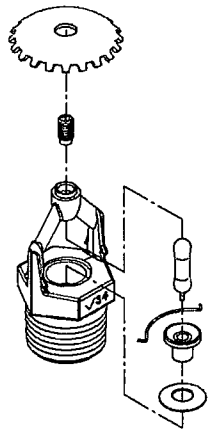
[3] Teflon™ is a registered trademark of Dupont Co.

[4] UL Listed for corrosion resistance.

[5] UL Listed and FM Approved for corrosion resistance.

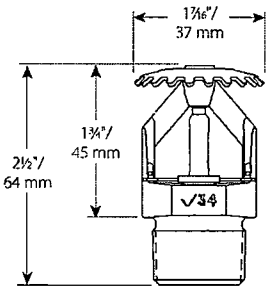
NOTE

- Weather resistant recessed escutcheons available upon request.

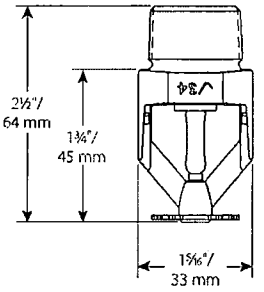


Exaggerated for Clarity

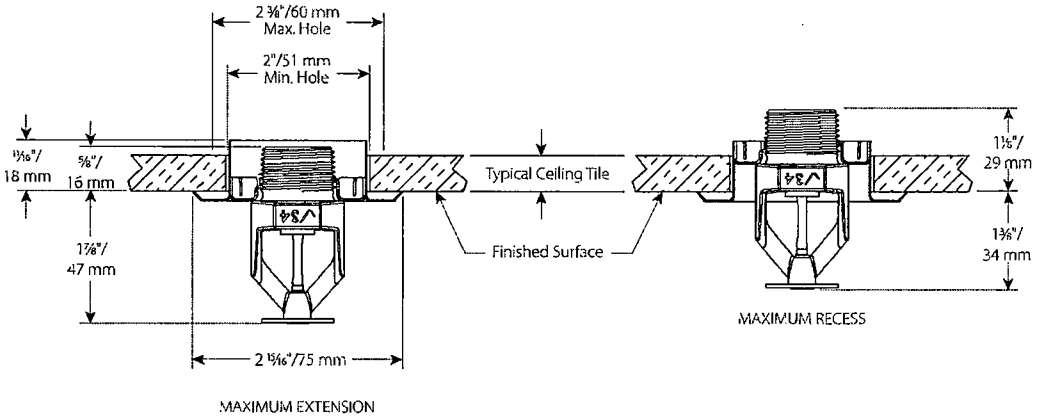
4.0 DIMENSIONS



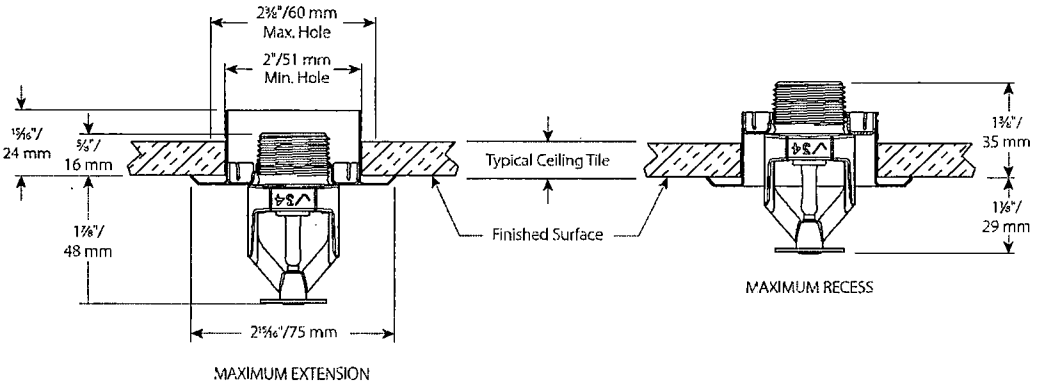
Standard Upright – V3401, V3402



Standard Pendent – V3405, V3406



½" Adjustment Recessed – V3405, V3406 (drawing not to scale)



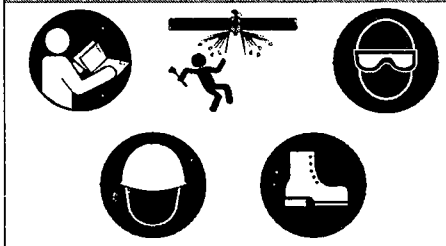
¾" Adjustment Recessed – V3405, V3406 (drawing not to scale)

5.0 PERFORMANCE

Sprinkler is to be installed and designed as per NFPA, FM Datasheets, or any local standards.

6.0 NOTIFICATIONS

⚠ WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, and foot protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

- These products shall be used only in fire protection systems that are designed and installed in accordance with current, applicable National Fire Protection Association (NFPA 13, 13D, 13R, etc.) standards, or equivalent standards, and in accordance with applicable building and fire codes. These standards and codes contain important information regarding protection of systems from freezing temperatures, corrosion, mechanical damage, etc.
- The installer shall understand the use of this product and why it was specified for the particular application.
- The installer shall understand common industry safety standards and potential consequences of improper product installation.
- It is the system designer's responsibility to verify suitability of materials for use with the intended fluid media within the piping system and external environment.
- The material specifier shall evaluate the effect of chemical composition, pH level, operating temperature, chloride level, oxygen level, and flow rate on materials to confirm system life will be acceptable for the intended service.

Failure to follow installation requirements and local and national codes and standards could compromise system integrity or cause system failure, resulting in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

Ratings

All glass bulbs are rated for temperatures from –65°F/–54°C to those shown in table below.

Sprinkler Temperature Classification	Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
		Nominal Temperature Rating	Maximum Ambient Temperature Allowed	
Ordinary	A	135°F/57°C	100°F/38°C	Orange
Ordinary	C	155°F/68°C	100°F/38°C	Red
Intermediate	E	175°F/79°C	150°F/65°C	Yellow
Intermediate	F	200°F/93°C	150°F/65°C	Green
High	J	286°F/141°C	225°F/107°C	Blue
Extra High[6]	K	360°F/182°C	300°F/149°C	Mauve
–	M	Open	–	No bulb

[6] Standard response only.
All are approved open, except for areas designated "No."

Available Wrenches:

Sprinkler Type	V34 Recessed	V34 Open End
V3401, V402 Upright	–	✓
V3405, V3406 Pendent	✓	✓
V3405, V3406 Recessed Pendent	✓	–

29.01: Victaulic Terms and Conditions of Sale

I-40: Victaulic FireLock™ Automatic Sprinklers

