



Key Construction Services, LLC
4246 Albany Post Rd
Suite 1
Hyde Park, New York 12538
P: (845) 454-1192
F: (845) 454-1193

**Project: 22009- Vails Gate FD- Storage Building PH1 / Fire
Station PH2**
872 Blooming Grove Turnpike
New Windsor, New York 12553

Submittal #230555-1.0 - PD 230555 - Mechanical System Identification

Distribution Summary

Distributed by Christopher Germano (Key Construction Services, LLC) on Mar 24, 2023

To Ronald Lombardo (Joseph Lombardo Plumbing, Heating & Cool), Michael Adorno (Joseph Lombardo Plumbing, Heating & Cool), Joseph Manfredi (Key Construction Services, LLC)

Message None

Attachments

Name	Response	Attachments	Comments
Emily Fusilero (H2M Architects + Engineers)	No Exceptions Taken	230555-1 - Mechanical Systems Identification PD.pdf	please see attached

Revision	0	Submittal Manager	Christopher Germano (Key Construction Services, LLC)
Status	Closed	Date Created	Dec 14, 2022
Issue Date		Spec Section	230555 - Mechanical System Identification
Responsible Contractor	Joseph Lombardo Plumbing, Heating & Cool	Received From	Ronald Lombardo (Joseph Lombardo Plumbing, Heating & Cool)
Received Date	Mar 9, 2023	Submit By	Mar 9, 2023
Final Due Date	Mar 24, 2023	Lead Time	
		Cost Code	
Location		Type	Product Information
Approvers	Joseph Manfredi (Key Construction Services, LLC), Emily Fusilero (H2M Architects + Engineers), Katie Margolies (H2M Architects + Engineers)		
Ball in Court			
Distribution			
Description	F. Product Data: Provide manufacturers catalog literature for each product required.		

Submittal Workflow

Name	Sent Date	Due Date	Returned Date	Response	Attachments
General Information Attachments					230555 MECHANICAL SYSTEMS IDENTIFICATION.pdf
Joseph Manfredi		Mar 10, 2023	Mar 10, 2023	Approved for Review	[OPEN] 230555-1 - Mechanical Systems Identification PD.pdf

Name	Sent Date	Due Date	Returned Date	Response	Attachments
Emily Fusilero	Mar 10, 2023	Mar 24, 2023	Mar 23, 2023	No Exceptions Taken	230555-1 - Mechanical Systems Identification PD.pdf (Current)
Comment	please see attached				
Katie Margolies	Mar 10, 2023	Mar 24, 2023		Pending	

SUBMITTAL REVIEW**CLIENT NAME:** Vails Gate Fire Department**PROJECT TITLE:** Vails Gate FD - New Firehouse**SUBMITTAL No.:** 230555-1**H2M PROJECT No.:** VGFD2001**SUBMITTAL NAME:** Mechanical Systems Identification PD**SUBMITTAL REVIEW**

**REVIEW IS FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS.
NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS
OF DIMENSIONS OR DETAILS**

- | | |
|---|---|
| <input checked="" type="checkbox"/> NO EXCEPTIONS TAKEN | <input type="checkbox"/> SUBMIT SPECIFIED ITEM |
| <input type="checkbox"/> MAKE CORRECTIONS NOTED
<small>(RESUBMISSION NOT REQUIRED)</small> | <input type="checkbox"/> NO ACTION TAKEN
<small>(REVIEW IS THE RESPONSIBILITY OF ANOTHER PARTY)</small> |
| <input type="checkbox"/> REVISE & RESUBMIT | <input type="checkbox"/> NO ACTION TAKEN
<small>(THIS SUBMITTAL IS NOT REQUIRED BY THE CONTRACT)</small> |
| <input type="checkbox"/> REJECTED - SEE REMARKS | <input type="checkbox"/> RECEIVED FOR RECORD |

Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating their work with that of all other trades; and performing the work in a safe and satisfactory manner.

H2M architects + engineers

Date: 03/23/2023

By: MJV

Rev.: 2020-05-20

Comments:

CONTRACTOR'S COMPANY NAME
ADDRESS

SUBMISSION TRANSMITTAL FORM
CLIENT NAME: Vails Gate Fire District
PROJECT TITLE: VGFD2001-New Firehouse

H2M PROJECT NO.: VGFD2001

Product, Item, or System Submitted:	Mechanical Systems Identification Product Data		
Submission Date:	3/10/2023	Submission Log No.:	230555-1
Specification Section:	230555	Paragraph Reference:	1.03/F
Contract Drawing Reference(s):			
Manufacturer's Name:			
Manufacturer's Mailing Address:			
Manufacturer's Contact Information:	<i>Name</i>	() <i>Tel. no.</i>	<i>Email</i>
Supplier's Name:	Joe Lombardo Plumbing & Heating		
Supplier's Mailing Address:			
Supplier's Contact Information:	<i>Name</i>	() <i>Tel. no.</i>	<i>Email</i>
This item is a substitution for the specified item:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	
<p>KEY CONSTRUCTION SERVICES, LLC</p> <p>Project No: VGFD2001</p> <p><small>Reviewed for General Acceptance Only. This review does not relieve the Subcontractors or Suppliers of responsibility for making the work conform to the requirements of the contract. The Subcontractor and Suppliers are responsible for all dimensions, correct fabrication and accurate fit with the work of other trades.</small></p> <p><u>SUBJECT TO ARCHITECT AND OR ENGINEER APPROVAL</u></p> <p>Signed <i>Joseph Manfredi</i> (PM) Date: 3/10/2023</p> <p>Contractor's Approval Stamp with Signature & Date</p>		<p><u>Contractor's Brief Comments or Remarks</u> (attach separate letter as needed):</p> <p>By making this submission, we represent that we have determined and verified all field measurements and dimensions, field construction criteria, site and building constraints in terms of limitations in moving the item into the enclosed space, materials, catalog and model numbers and similar data and that we have checked and coordinated this submission with other work at or adjacent to the installed location in accordance with the requirements contained in the Contract Documents.</p>	

END OF SECTION 013300

Joe Lombardo

Plumbing & Heating of Rockland, Inc.

321 Spook Rock Road
Suffern, NY 10901
Ph. 845-357-6537 Fx 845-357-8529
E: info@josephlombardo.com
Website: www.josephlombardo.com

Rockland Cty. Plumbing #1000 Rockland Cty. Cooling # 1468
Westchester Cty. Plumbing #460 New Jersey State Plumbing #12702

TO: Key Construction
4246 Albany Post Rd. Suite 1
Hyde Park, NY 12538

LETTER OF TRANSMITTAL

DATE: 02/27/23	JOB NO.
ATTENTION: Joe Manfredi	
RE: Vails Gate Firehouse	

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	No.	DESCRIPTION
1	02/27/23	230555	MECHANICAL SYSTEM IDENTIFICATION

THESE ARE TRANSMITTED as checked below:

- | | | |
|---|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> No Exceptions Taken | <input type="checkbox"/> Resubmit _____ copies for review |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Make Corrections Noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Rejected | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ | 20 ____ | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |

COPY TO: Joe Manfredi

SIGNED: Ronald J. Lombardo

2.02 VALVE TAGS

Product Specifications

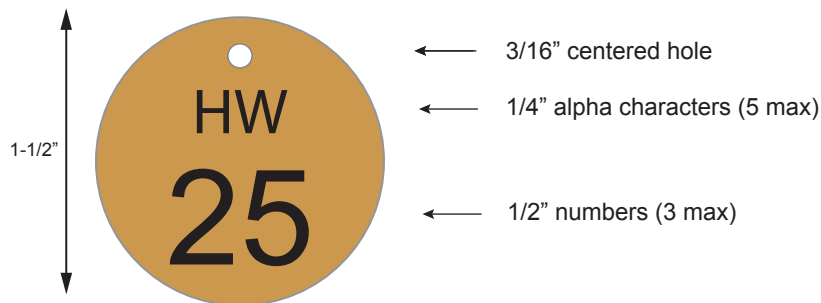
Brass Valve Tags

Material: Half Hard 19 gauge brass (70% Copper, 30% Zinc)

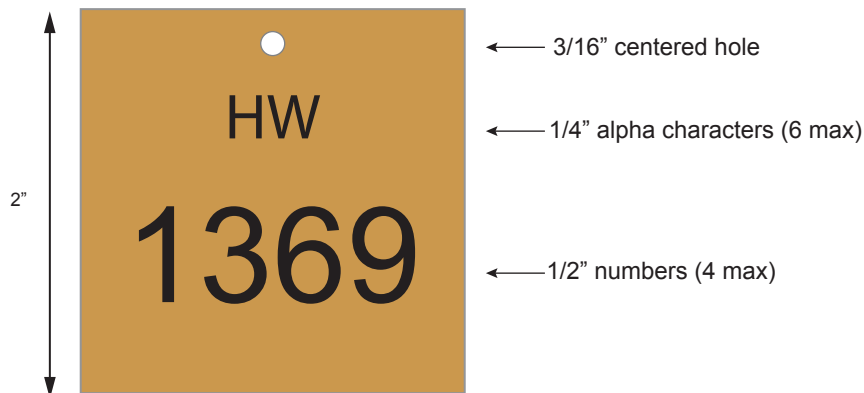
Method: Stamped and Black filled (other fill colors: red, white, yellow)

Dimensions: 1-1/2" & 2"

Dimension: 1-1/2" Sq.



Dimension: 2" Sq.



Shapes available:

Square
 Octagon

Circle
 Triangle

Also available:

Stainless Steel (.030) Lasered
 Engraved Plastic (2-sided engraving available)
 Anodized Aluminum (.020) Lasered

Samples available upon request.

2.03 PIPE MARKERS

Product Specification

Wrap Around Pipe Marker



specifications:

Material: Semi-rigid Vinyl

.015" (Style WAA - WB)

.030" (Style WC - WH)

Temperature Range: -40°F to 180°F

Compliance: Meets ANSI A13.1 standard for letter size and length of marker

Life Expectancy:

Indoor: Indefinite

Outdoor: 5-7 years

Wrap - Around Markers

Kolbi Style	Pipe OD (Include Insulation)	Letter Size	Marker Length	Shape
WAA	Less than 3/4"	1/2"	8"	Coiled
WA	3/4" - 1"	1/4"	8"	Coiled
WB	1-1/8" to 2-1/4"	3/4"	8"	Coiled
WC	2-1/2" to 3-1/4"	1-1/4"	12"	Coiled
WD	3-3/8" to 4-1/2"	1-1/4"	12"	Coiled
WE	4-5/8" to 5-7/8"	1-1/4"	12"	Coiled
WF*	6" to 7-7/8"	1-1/4"	12"	Flat*
WG*	8" to 10"	2-1/2"	24"	Flat*
WH*	Over 10"	3-1/2"	32"	Flat*

1996 ANSI A13.1 Color Designation

Materials Inherently Dangerous	Flammable or explosive Chemically active or toxic Extreme temperature/ pressure/ radioactive	Letters
Materials of Inherently Low Hazard	Liquid or liquid admixture Gas or gaseous admixture	Letters
Fire Quenching Materials	Water, Foam, CO2, Halon	Letters

2007 ANSI / ASME A13.1 Colors

Fluid Services	Letter Color	Background Color	Lettrrs and Colors
Fire quenching fluids	White	Safety Red	Letters
Toxic and corrosive fluids	Black	Safety Orange	Letters
Flammable liquids	Black	Safety Yellow	Letters
Combustable fluids	White	Safety Brown	Letters
Potable, cooling, boiler feed, other water	White	Safety Green	Letters
Compressed air	White	Safety Blue	Letters
To be defined by user	White	Safety Purple	Letters
To be defined by user	Black	Safety White	Letters
To be defined by user	White	Safety Gray	Letters
To be defined by user	White	Safety Black	Letters

2.04 MECHANICAL EQUIPMENT ,ARKERS

Product Specification

Engraved Plastic Nameplates

Standard material: 1/16" rigid 2-ply blended acrylic extruded sheet with cap and core permanently fused together. Material is shatterproof and chip resisitant. Meets ASTM D 709 Type I spec.

Standard Colors (letters/background): white/black, black/white, white/green, green/white, white/blue, blue/white, white/red, red/white, black/yellow. Additional colors availble per user specifications.

Nameplates have beveled edges and either adhesive backing or holes

Available in sizes to 18" x 24"

Nameplates are available in various sizes, letters, and layouts to meet customer requirements.

Expected life: Indefinite for interior applications

Other available materials:
Outdoor
3-ply (for 2 sided engraving)
1/8" thick

Samples available per request.

Excel spreadsheet .xls and Adobe .pdf files are acceptable.





416 Campus Drive
Arlington Heights, IL 60004
800-499-8450 fax 800-596-3057

PIPE MARKERS ♦ ENGRAVED NAMEPLATES
VALVE TAGS ♦ MEDICAL MARKERS

www.kolbipipemarkers.com

2.04 - DUCT WORK IDENTIFICATION

Product Specifications

Stencils



Material: .010 flexible polyester

Production method: Laser

Standard letter/arrow sizes 1/2", 3/4", 1", 1-1/2", 2-1/2", and 3-1/2"

Other letter sizes shapes available upon request

2.02 VALVE TAG CHART



Product Information Bulletin

ACCESSORIES

P.O. Box 467 | 64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

Beaded Chain

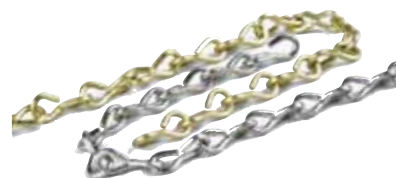
- #6 Beaded Chain
- 4-1/2" long with locking link
- 100 pieces per package.



Part #	Description
BCB	Brass
BCSS	Stainless Steel

Jack Chain

#16 jack chain is available in either stainless steel or brass. Approximately 6 to 12 inches is enough to fasten one tag. 50 feet of chain per package.



Part #	Description
BJC	Brass
SSJC	Stainless Steel

"S" Hooks

Use "S" hooks to attach valve tags. Sold 100 hooks per package. Available in Stainless Steel or Solid Brass.



Part #	Description
S1	Brass
SS2	Stainless Steel

Nylon Ties

Fast, easy and economical method of attaching pipe markers & tags.



Part #	Package Size	Size
NT6	100	6" Long
NT8	100	8" Long
NT34	Individual	34" Long
NT48	Individual	48" Long

Lead Seals

Copper or Stainless Steel Wire. The tamper resistant way to attach tags. 100, 10" long wire seals per package.

Part #	Description
CS	Brass
SSS	Stainless Steel



Hand Press This rugged steel hand press is used to secure Copper & Stainless Steel Meter Seals.



Part # HP-1



Stainless Steel Strapping

3/8" wide .015 S.S. strapping is easy to install and is used in corrosive environments, instead of nylon ties, to secure pipe markers.

Part #	Size
SSS38	3/8" x .015 x 200' Stainless Steel Strapping
SSP-38	3/8" Stainless Steel Wings Seals (100/Pkg)
RTST-1	Ratchet Type Strapping Tool

Steel Stamps

Make your own valve tags by using our blank brass tags and steel stamps to make the impression. Simply place blank valve tag on a solid surface, place steel stamp on the blank tag and strike with hammer.



Part #	Description	Character Size	Number of Characters
SL4	Letter Set	1/4"	27
SN4	Number Set	1/4"	10
SL2	Letter Set	1/2"	27
SN2	Number Set	1/2"	10

3/4" dia. Plastic Ceiling Markers

Use Ceiling Markers on accessible ceiling tiles or T-bars to indicate the location of balancing cocks, volume dampers, fire dampers, and other concealed mechanical items that may require service or adjustment. Ceiling markers are made of plastic, 3/4" in diameter and supplied with back adhesive, available in 6 different colors.

COLOR	Part #	Part #	Part #
Yellow	CMSY	CMAY	CMEY
Green	CMSG	CMAG	CMEG
Red	CMSR	CMAR	CMER
Blue	CMSB	CMAB	CMEB
White	CMSW	CMAW	CMEW
Orange	CMSO	CMAO	CMEO

Solid Color
Pkg of 25

Engraved Arrow
Pkg of 25

Engraved Marker
w/ Equipment Info
Sold Individually

Valve Chart

Use Valve Chart frames to display your valve tag charts. Available in rugged aluminum or economical plastic. Holds 8-1/2" x 11" valve tag chart. Custom sizes are available on aluminum frames only, call for pricing.



Part #	Description
VC1	Aluminum
VC2	Plastic

Zinc Hooks

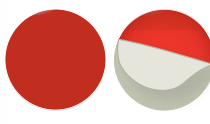
These 2-1/2" hooks are a popular alternative to "S" hooks. Sold in packages of 100.



Part #	Description
Z001	Zinc Hook Package

Option 1: Solid Color

Sold in packages of 25

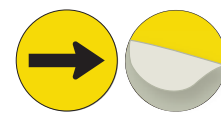


Front

Back Adhesive

Option 2: Engraved Arrow

Sold in packages of 25



Front

Back Adhesive

Option 3: Engraved Markers

Engraved markers with equipment info are sold individually.

TO ORDER: Specify content to be engraved, color and quantity.



Front

Back Adhesive