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Saves Time

MATERIAL TAKE-OFF SERVICES

Our Material Take-Off Service for labeling lowers in-place costs and provides added value to your projects. Our team of experts provides you with marked, color-coded drawings and custom labels precisely packaged according to your exact specifications.

Leave the paperwork to us – As an added bonus we'll manage submittal documents and address any RFI's, streamlining your project management. These services are suited for diverse projects in data centers, EVB, healthcare, government, public safety, education, and telecommunications facilities.

- Submit drawings, specs, symbol sheet, and insulation schedule.
- Our team will mark and color-code drawings, showing marker installation locations.
- We will work with you to review & edit proposals, marked-up drawings, and bill of materials.
- We manufacture your high-quality custom labels 4. in-house.
- We then package your label order by drawing, area, 5. system, etc., making the sorting and installation process more efficient. See Pack-By Service section above for more information.

ADDITIONAL SERVICES

Pack-By **Service**

We will package your order according to your exact specifications, freeing your workers from the burden of on-site label sorting. Instead, they can swiftly move the organized boxes to designated sections and begin the installation process promptly.

Pack-By **Binders**

Our Pack-By Service can also include Pack-By Binders. With Pack-By Binders, your labels will arrive in a binder that has been pre-sorted to your specifications prior to delivery. Use for wire markers and circuit or custom labels.

Technology

Enjoy the convenience of digital access to marked drawings. Our AIM Mobile Technology App allows you to access marked-up drawings on your mobile device by scanning the QR codes found on the packing slips, even while you are

Scan to request a **Material Take-Off** today!





VALVE SCHEDULE SERVICE

Discover the efficiency of our engineered Valve Schedule Service, tailored to *reduce valve tagging labor requirements*. In addition to you receiving custom-manufactured valve tags using the correct naming convention, we will also provide meticulously marked-up drawings, clearly indicating the precise valve locations. Approved valve tags are conveniently packaged by drawing, room, area, or level, optimizing labor savings during the installation phase. Our team of experienced professionals works closely with you to ensure all valve schedule specifications are well-attended.

LABOR SAVINGS SOLUTIONS:

- Estimated 50% labor savings cost*
- Marked up drawings and pre-packaged valve tags to support installation labor savings
- Elimination of multiple job site visits with a "single touch" solution

COMMON VALVE SCHEDULE ITEMS:

- Valve Identification
- Valve Type
- Valve Service Description
- System Abbreviations
- Valve Number
- Level or Area
- Operating Positions (open, closed, or modulating)
- Maintenance Information
- Safety Information

VALVE IDENTIFICATION CHART												
ABRV	VALVE #	VALVE SIZE	VALVE SERVICE	VALVE LOCATION								
CW-9-001	001	0.5"	SINK 1	RM 8101								
CW-8002	002	0.5"	LV 1	SINK 1								
CWS-8-003	001	4"	AHU-1	EV 1								
HW-8-001	001	0.5"	SINK 1	AHU-1								
CWS-8-004	002	4"	AHU-2	SINK 1								
HW-8-002	002	0.5"	LV 2	AHU-2								
HW-9-003	003	0.75"	SHWR 1	UV 2								
HW-9-004	004	0.75"	SHWR 2	SHWR 1								
HWS-0-001	001	r-	AHU-1	SHWR 2								
HWS-8-002	002	1"	AHIH-2	AHU-1								



ALUMINUM VALVE CHART FRAME:

We can provide Valve Chart Frames for each area of your project. These are commonly located in buildings showing location and required information.

1 Pl.10 3 A COLDWATER 0.2" CW-H-445 ROOMHS256A ISOLATION NO 2 Pl.10 3 A COLDWATER 1 .05" CW-H-46 ROOMHS256A ISOLATION NO 3 Pl.10 3 A COLDWATER 1 .05" CW-H-447 ROOMHS256A ISOLATION NO 4 Pl.10 3 A COLDWATER 1 .05" CW-H-468 ROOMHS256A ISOLATION NO 5 Pl.10 3 A COLDWATER 1 .05" CW-H-468 ROOMHS257A ISOLATION NO 6 Pl.10 3 A HOTWATER 1 .05" WH-H-348 ROOMHS257A ISOLATION NO 7 Pl.10 3 A HOTWATER 1 .05" WH-H-349 ROOMHS256A ISOLATION NO 7 Pl.10 3 A HOTWATER 1 .05" WH-H-351 ROOMHS256A ISOLATION NO 9 Pl.10 3 A HOTWATER 1 .05" WH-H-351 ROOMHS257A ISOLATION NO 10 Pl.10 3 A HOTWATER 1 .0.75" WH-H-351 ROOMHS257A ISOLATION NO 10 Pl.10 3 A HOTWATER 1 .0.75" WH-H-352 ROOMHS257A ISOLATION NO 10 Pl.10 3 A HOTWATER 1 .0.75" WH-H-352 ROOMHS257A ISOLATION NO 10 Pl.10	Sort #	DWG	LEVEL	AREA	SYSTEM	QTY	VALVE SIZE	VALVE#	VALVE LOCATION	VALVE FUNCTION	VALVE STATE
3 P13D 3 A COLDWATER 1 1.5' CW-44-47 ROOM RESSEA ISOLATION NO 4 P13D 3 A COLDWATER 1 0.5' CW-44-48 ROOM RESSEA ISOLATION NO 5 P13D 3 A COLDWATER 1 1.5' CW-44-49 ROOM RESSEA ISOLATION NO 6 P13D 3 A HOTWATER 1 0.5' HW-4-348 ROOM RESSEA ISOLATION NO 7 P13D 3 A HOTWATER 1 0.5' HW-4-349 ROOM RESSEA ISOLATION NO 8 P13D 3 A HOTWATER 1 0.5' HW-4-350 ROOM RESSEA ISOLATION NO 9 P13D 3 A HOTWATER 1 0.5' HW-4-350 ROOM RESSEA ISOLATION NO 7 HW-4-350 ROOM RESSEA ISOLATION	1	P1.3D	3	Α	COLD WATER	1	0.2"	CW-H-445	ROOM H3215A	ISOLATION	NO
4 P1JD 3 A COLDWATE 1 0.5' CW-H-448 ROOM H208 ISOLATION NO 5 P1JD 3 A COLDWATE 1 1.5' CW-H-448 ROOM H208 ISOLATION NO 6 P1JD 3 A HOTWATE 1 0.5' HW-H-948 ROOM H208A ISOLATION NO 7 P1JD 3 A HOTWATE 1 0.75' HW-H-948 ROOM H208A ISOLATION NO 8 P1JD 3 A HOTWATE 1 0.75' HW-H-950 ROOM H208A ISOLATION NO 7 P1JD 3 A HOTWATE 1 0.5' HW-H-950 ROOM H208 ISOLATION NO 7 P1JD 3 A HOTWATE 1 0.75' HW-H-950 ROOM H208 ISOLATION NO 7 P1JD 3 A HOTWATE 1 0.75' HW-H-950 ROOM H208 ISOLATION NO	2	P1.3D	3	A	COLD WATER	1	0.5"	CW-H-446	ROOM H3208A	ISOLATION	NO
5 P13D 3 A COLOWATER 1 1.5' CW-44-49 ROOM-R397A ISOLATION NO P13D 3 A HOTWATER 1 0.5' HW-41-348 ROOM-R398A ISOLATION NO P13D 3 A HOTWATER 1 0.7' HW-43-59 ROOM-R398A ISOLATION NO R0 P13D 3 A HOTWATER 1 0.7' HW-41-359 ROOM-R398A ISOLATION NO P13D P13D 3 A HOTWATER 1 0.7' HW-41-350 ROOM-R398A ISOLATION NO R0 P13D 9 P13D 3 A HOTWATER 1 0.7' HW-41-350 ROOM-R397A ISOLATION NO	3	P1.3D	3	Α	COLD WATER	1	1.5"	CW-H-447	ROOM H3208A	ISOLATION	NO
6 PL30 3 A HOTWATER 1 0.5" HW-H-348 ROOMH3208A ISOLATION NO 7 PL30 3 A HOTWATER 1 0.5" HW-H-349 ROOMH3208A ISOLATION NO 8 PL30 3 A HOTWATER 1 0.5" HW-H-359 ROOMH3208A ISOLATION NO 9 PL30 3 A HOTWATER 1 0.75" HW-H-351 ROOMH3207A ISOLATION NO	4	P1.3D	3	Α	COLD WATER	1	0.5"	CW-H-448	ROOM H3208	ISOLATION	NO
7 Pl.3D 3 A HOTWATER 1 0.73" HW-H-349 ROOM H3208A ISOLATION NO 9 Pl.3D 3 A HOTWATER 1 0.53" HW-H-350 ROOM H3208 ISOLATION NO 9 Pl.3D 3 A HOTWATER 1 0.73" HW-H-351 ROOM H3207A ISOLATION NO	5	P1.3D	3	Α	COLD WATER	1	1.5"	CW-H-449	ROOM H3207A	ISOLATION	NO
8 P1.3D 3 A HOTWATER 1 0.5" HW-H-350 ROOM H3208 ISOLATION NO 9 P1.3D 3 A HOTWATER 1 0.75" HW-H-351 ROOM H3207A ISOLATION NO	6	P1.3D	3	Α	HOT WATER	1	0.5"	HW-H-348	ROOM H3208A	ISOLATION	NO
9 P1.3D 3 A HOT WATER 1 0.75" HW-H-351 ROOM H3207A ISOLATION NO	7	P1.3D	3	Α	HOT WATER	1	0.75"	HW-H-349	ROOM H3208A	ISOLATION	NO
	8	P1.3D	3	Α	HOT WATER	1	0.5"	HW-H-350	ROOM H3208	ISOLATION	NO
10 P.130 3 A HOTWATER 1 0.75° MW-H-352 ROOM H02877A ISOLATION NO	9	P1.3D	3	Α	HOT WATER	1	0.75"	HW-H-351	ROOM H3207A	ISOLATION	NO
	10	P1.3D	3	Α	HOT WATER	1	0.75"	HW-H-352	ROOM H3207A	ISOLATION	NO

Contact your MSI sales representative today to inquire more about this service and lead time.

