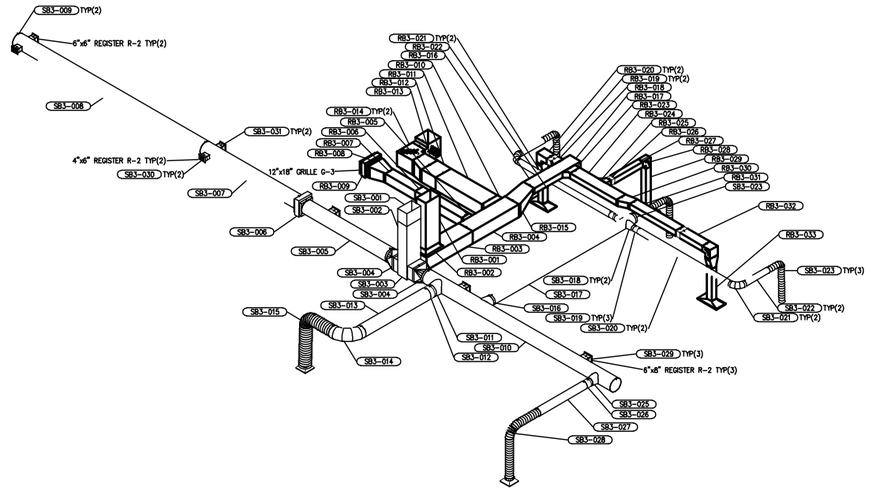
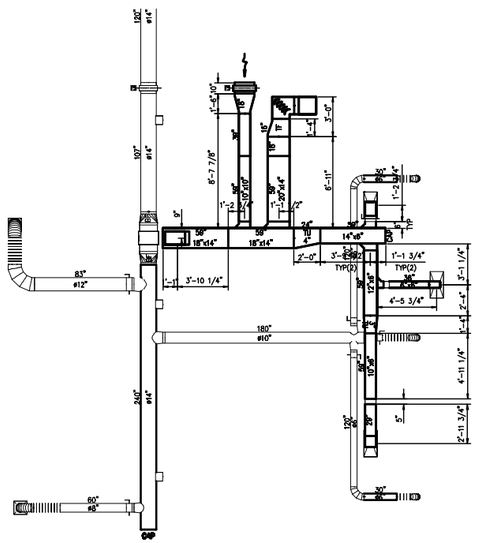
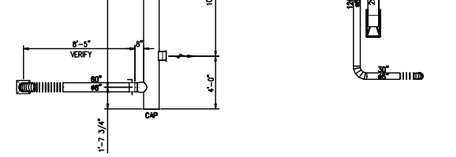


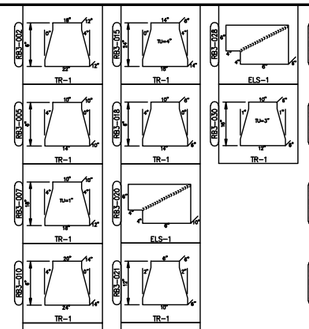
RTU-B3 HVAC SUPPLY AND RETURN ISOMETRIC



RTU-B3 HVAC RETURN PLAN VIEW



RTU-B3 HVAC SUPPLY PLAN VIEW



FABRICATED ITEMS

TAG No.	QTY.	SIZE	JOINT TYPE	DESCRIPTION	LENGTH
SB3-001	1	12"x18"	STND.S	DUCT, SQUARE	14"
SB3-002	1	12"x18"	STND.S	DUCT, SQUARE	59"
SB3-003	1	12"x18"	STND.S	END CAP, SQUARE	–
SB3-004	2	ø14"	STND.S	14"x16" TO ø14" SQUARE TO ROUND	18"
SB3-005	1	ø14"	–	DUCT, SPIRAL	107"
SB3-006	1	ø14"	–	FIRE DAMPER	10"
SB3-007	1	ø14"	–	DUCT, SPIRAL	120"
SB3-008	1	ø14"	–	DUCT, SPIRAL	240"
SB3-009	2	ø14"	–	END CAP, SPIRAL	–
SB3-010	1	ø14"	–	DUCT, SPIRAL	240"
SB3-011	1	ø12"	–	ø12" ON ø14" CONICAL TAP	8"
SB3-012	1	ø12"	–	MANUAL DAMPER	AS REQ'D
SB3-013	1	ø12"	–	DUCT, SPIRAL	83"
SB3-014	1	ø12"	–	90° STAMPED ELBOW	–
SB3-015	1	ø12"	–	DUCT, FLEXIBLE	AS REQ'D
SB3-016	1	ø10"	–	ø10" ON ø14" CONICAL TAP	8"
SB3-017	1	ø10"	–	DUCT, SPIRAL	180"
SB3-018	2	ø6"	–	ø6" ON ø10" CONICAL TAP	
SB3-019	3	ø6"	–	MANUAL DAMPER	AS REQ'D
SB3-020	2	ø6"	–	DUCT, SPIRAL	120"
SB3-021	2	ø6"	–	90° STAMPED ELBOW	–
SB3-022	2	ø6"	–	DUCT, SPIRAL	30"
SB3-023	3	ø6"	–	DUCT, FLEXIBLE	AS REQ'D
SB3-024	1	ø8"	–	ø8" ON ø14" CONICAL TAP	8"
SB3-025	1	ø8"	–	MANUAL DAMPER	AS REQ'D
SB3-026	1	ø8"	–	DUCT, SPIRAL	60"
SB3-027	1	ø8"	–	DUCT, FLEXIBLE	AS REQ'D
SB3-028	3	6"x8"	–	6"x8" ON ø14" SQUARE TAP	6–11/16"
SB3-029	2	4"x6"	–	4"x6" ON ø14" SQUARE TAP	6–5/16"
SB3-030	2	6"x6"	–	6"x6" ON ø14" SQUARE TAP	6–11/16
RB3-001	1	12"x18"	STND.S	DUCT, SQUARE	52–1/4"
RB3-002	1	12"x18"	STND.S	12"x18" TO 12"x22" TRANSITION	6
RB3-003	1	14"x18"	STND.S	DUCT, SQUARE	59"
RB3-004	1	14"x18"	STND.S	DUCT, SQUARE	59"
RB3-005	1	10"x10"	STND.S	10"x10" TO 10"x14" TRANSITION	6"
RB3-006	1	10"x10"	STND.S	DUCT, SQUARE	59"
RB3-007	1	10"x10"	STND.S	DUCT, SQUARE	39"
RB3-008	1	10"x10"	STND.S	10"x10" TO 12"x18" TRANSITION	18"
RB3-009	1	12"x18"	STND.S	FIRE DAMPER	10"
RB3-010	1	14"x20"	STND.S	14"x20" TO 14"x24" TRANSITION	6"
RB3-011	1	14"x20"	STND.S	DUCT, SQUARE	59"
RB3-012	1	14"x20"	STND.S	DUCT, SQUARE	18"
RB3-012	1	14"x20"	STND.S	14"x20" TO 16"x16" TRANSITION	16"
RB3-014	2	16"x16"	STND.S	90° STRAIGHT ELBOW	–
RB3-015	1	6"x14"	STND.S	6"x14" TO 14"x20" TRANSITION	24"
RB3-016	1	6"x14"	STND.S	DUCT, SQUARE	59"
RB3-017	1	6"x14"	STND.S	END CAP, SQUARE	–
RB3-018	1	6"x10"	STND.S	6"x10" TO 6"x14" TRANSITION	6"
RB3-019	2	6"x10"	–	MANUAL DAMPER	AS REQ'D
RB3-020	2	6"x10"	STND.S	90° STRAIGHT ELBOW	–
RB3-021	2	6"x6"	STND.S	6"x10" TO 6"x6" TRANSITION	12"
RB3-022	1	6"x8"	STND.S	DUCT, SQUARE	33–1/2"
RB3-023	1	6"x12"	STND.S	6"x12" TO 6"x16" TRANSITION	6"
RB3-024	1	6"x12"	STND.S	DUCT, SQUARE	59"
RB3-025	1	6"x6"	STND.S	6"x6" TO 6"x10" TRANSITION	6
RB3-026	1	6"x6"	–	MANUAL DAMPER	AS REQ'D
RB3-027	1	6"x6"	STND.S	DUCT, SQUARE	36"
RB3-028	1	6"x6"	STND.S	90° STRAIGHT ELBOW	–
RB3-029	1	6"x6"	STND.S	DUCT, SQUARE	44–1/2"
RB3-030	1	6"x10"	STND.S	6"x10" TO 6"x12" TRANSITION	16"
RB3-031	1	6"x10"	STND.S	DUCT, SQUARE	59"
RB3-032	1	6"x10"	STND.S	DUCT, SQUARE	29"
RB3-033	1	6"x6"	STND.S	DUCT, SQUARE	35–1/2"
R-2	2	4"x6"	–	REGISTER	–
R-2	2	6"x6"	–	REGISTER	–
R-2	3	6"x8"	–	REGISTER	–
G-3	1	12"x18"	–	GRILLE	–
D-1	3	ø6"	–	DIFFUSER	–

PURCHASED ITEMS

QTY.	DESCRIPTION	

GENERAL NOTES

1.) SPECIFICATION REFERENCES: 15815 & 15820
2.) INSULATION?? ?
3.) SPECIAL INSTRUCTIONS.... ?

COLOR CODE:	
FIELD FAB. PKG. No.	FFP-RTU-B3
BLDG. AREA:	ADMIN. BLDG B3
REF. DWG. NO.:	CDMH2.1.B.3
CUSTOMER:	MORRISON-KNUDSEN

SAMPLE DRAWING

HVAC - SAMPLE FABRICATION DRAWING

FABRICATION DRAWING

MDS
Mechanical Shelting Services Inc.
Drafting & Design for Todays Construction
100 S. Adkins Way, Suite 105
Meridian, Idaho 83642
Voice: (208) 888-1631
Fax: (208) 888-7465

NOTE: These drawings are provided as a convenience. It is each contractors responsibility to verify sizes, dimensions, etc. We assume no liability, MDS Inc.

REVISIONS

REV	BY	DESCRIPTION	DATE
A	XX	ISSUE FOR REVIEW	00/00/00

GENERAL NOTES

KEY NOTES

DRAWING

PROJECT NUMBER:		
MDS JOB No:		
PROJECT MGR:		
DRAWN BY:	DATE:	
CHECKED BY:	DATE:	
CAD FILE: HV-002		
SCALE: NONE		
DRAWING NUMBER: HV-002	REVISION: A	

HVAC