

Submittal Transmittal

Detailed, Grouped by Each Number

Franklin Regional Transit Center

Project # 2439

Tel: Fax:

Date: 5/18/2012

Reference Number: dg

Transmitted To:	Whitney Hudson Charles Rose Architects 115 Willow Ave. Somerville, MA 02144 Tel: 617-628-5033 Fax: 617-628-7033	Transmitted By:	Frank Payeur Fontaine Bros., Inc 510 Cottage Street Springfield, MA 01104 Tel: 413-781-2020 Fax: 413-734-1881
------------------------	--	------------------------	--

Qty	Submittal Package No	Description	Due Date	Package Action
1	0019 - 230000 - 0	Mech. As Built Drawings	6/1/2012	For Record Only

Transmitted For	Delivered Via	Tracking Number
Record Only	E-Mail / Fax	

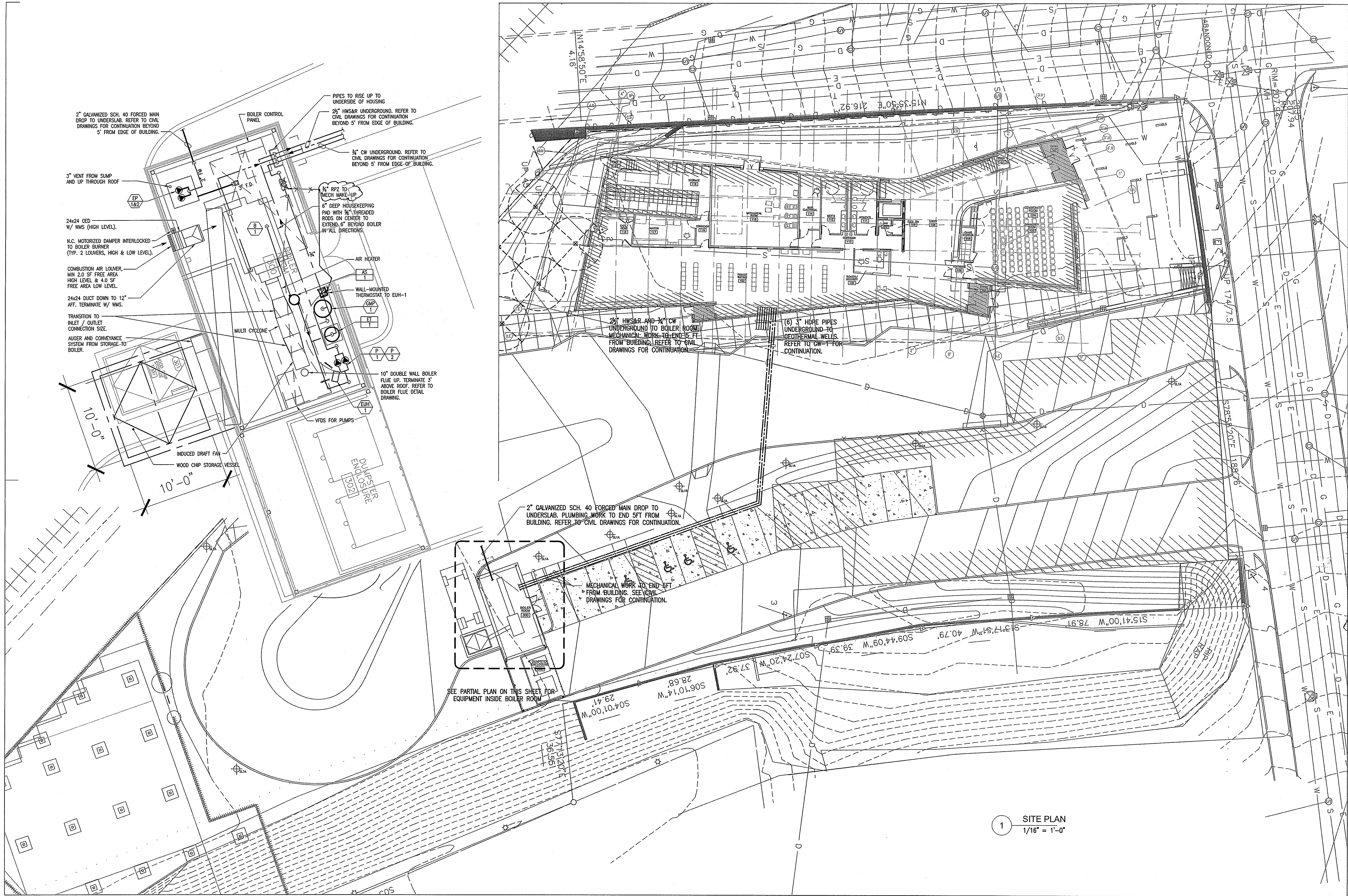
Items	Qty	Description	Notes	Item Action
1	1	Mech. As Built Drawings		For Record Only

Cc:	Company Name	Contact Name	Copies	Notes
	Franklin Regional Transit Authority	Brett Grout	1	
	McMahon Associates	David Farmer	1	
	Consulting Management Group	Richard Wilk	1	

Remarks

Signature

Signed Date



CHARLES ROSE ARCHITECTS INC

115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL (617) 628-5033
FAX (617) 628-7033
www.charlesrosearchitect.com

Charles Rose Architects Inc

CONSULTANT

ARUP

Aug 1984 to
955 Massachusetts Ave 4th floor
Cambridge, MA 02139
Tel (617) 864-2987 Fax (617) 864-6176
www.arup.com

CERTIFICATION

KEY PLAN

FRANKLIN REGIONAL
TRANSIT CENTER

12 OLIVE STREET
GREENFIELD, MA 01301

FRANKLIN REGIONAL TRANSIT AUTHORITY

ISSUED

PURPOSE DATE

100% CD BID SET 07.19.2010

AF-BUILT 04.17.2012

100% CONSTRUCTION DOCUMENT SET
FOR BIDDING

MECHANICAL
SITE PLAN

SCALE: DATE:

SEE PLAN 07.19.2010

DRAWN BY: FILE:

CRJ

SHEET

M4.00

CHARLES ROSE
ARCHITECTS INC

115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL (617) 628-3033
FAX (617) 628-7033
www.charlesrosearchitect.com

Charles Rose Architects Inc

CONSULTANT

ARUP

Arup Group Inc
955 Massachusetts Avenue
Cambridge, MA 02142
Tel (617) 684-2800 Fax (617) 684-6678
www.arup.com

CERTIFICATION

FRANKLIN REGIONAL
TRANSIT CENTER

12 OLIVE STREET
GREENFIELD, MA 01301

FRANKLIN REGIONAL TRANSIT AUTHORITY

KEY PLAN

ISSUED

PURPOSE DATE

100% CD BID SET 07.19.2010

AS-BUILT 04-17-2012

100% CONSTRUCTION DOCUMENT SET
FOR BIDDING

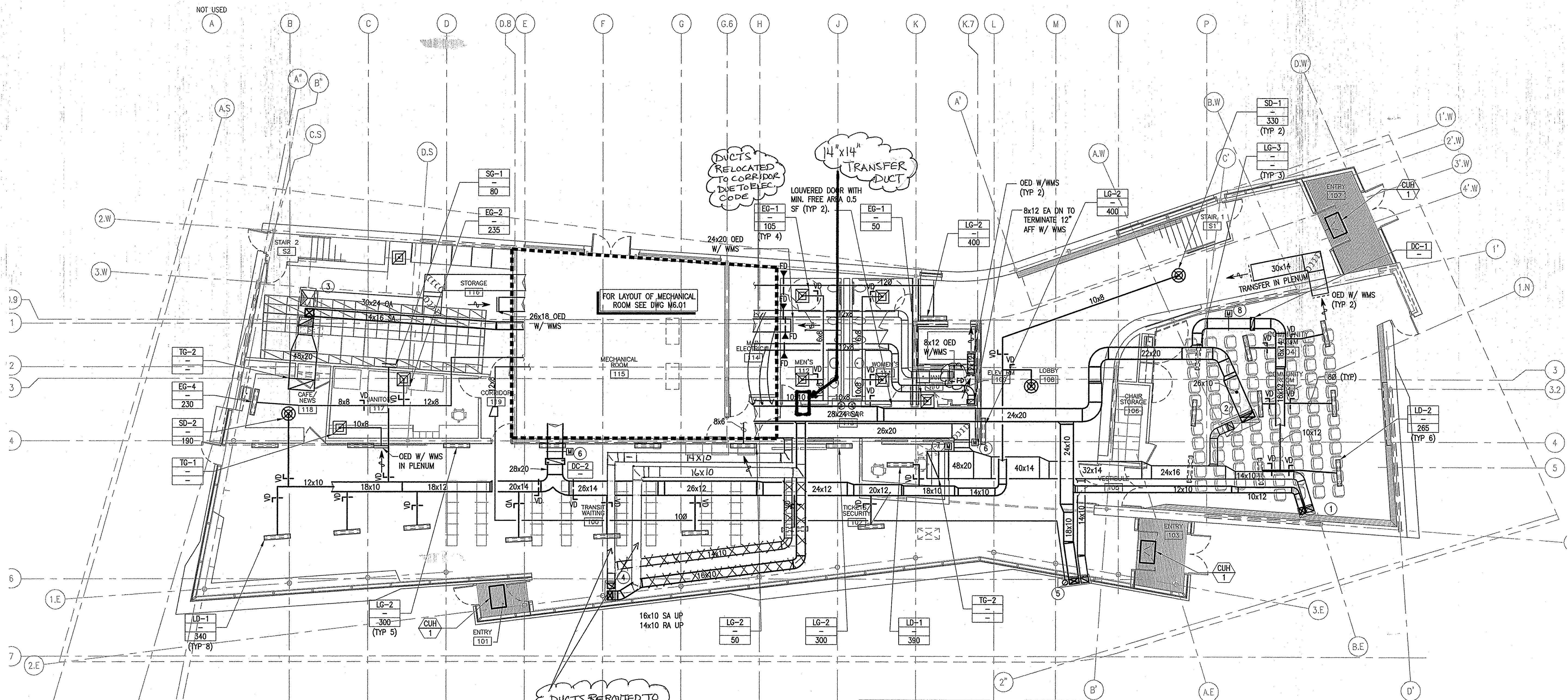
MECHANICAL
LEVEL 1
DUCT PLAN

SCALE: DATE:
1/8"=1'-0" 07.19.2010

DRAWN BY: FILE:
CRJ

SHEET

M4.01



GENERAL NOTES:

1. REFER TO CHILLED BEAM AND DIFFUSER AND GRILLE SCHEDULE FOR ALL CONNECTION SIZES.
2. CHILLED BEAMS ABOVE HARD CEILING TO HAVE HARD DUCT CONNECTIONS.

KEYED NOTES:

1. FROM LEFT TO RIGHT
10x12 SA DN
14x10 RA DN
2. FROM LEFT TO RIGHT
10x14 RA DN
26x10 SA DN
3. FROM TOP TO BOTTOM
24x30 OA DN
16x14 SA DN
26x16 TA DN
4. FROM TOP TO BOTTOM
14x10 RA DN
10x16 SA DN
5. FROM TOP TO BOTTOM
100 EA DN
18x10 SA DN
14x10 RA DN
6. MOTORIZED DAMPER SHALL BE OPEN WHEN THE BUILDING IS IN HEATING MODE AND CLOSED WHEN IN COOLING MODE.
7. MOTORIZED DAMPER SHALL BE OPEN WHEN THE BUILDING IS IN COOLING MODE AND CLOSED WHEN IN HEATING MODE.
8. MOTORIZED DAMPER SHALL BE NORMALLY CLOSED. DAMPER SHALL OPEN WHEN ASSOCIATED THERMOSTAT READING IS OUT OF SETPOINT RANGE.

CHARLES ROSE
ARCHITECTS INC

115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL (617) 628-5033
FAX (617) 628-7033
www.charlesrosearchitect.com

Charles Rose Architects Inc

CONSULTANT

ARUP

ARUP
100 Brookline Ave 15th Fl
Boston, MA 02116
Tel: 617.267.1000
www.arup.com

CERTIFICATION

FRANKLIN REGIONAL
TRANSIT CENTER

12 OLIVE STREET
GREENFIELD, MA 01301
FRANKLIN REGIONAL TRANSIT AUTHORITY

KEY PLAN

ISSUED

PURPOSE	DATE
100% CD BID SET	07.19.2010
AS-BUILT	04.17.2012

100% CONSTRUCTION DOCUMENT SET
FOR BIDDING

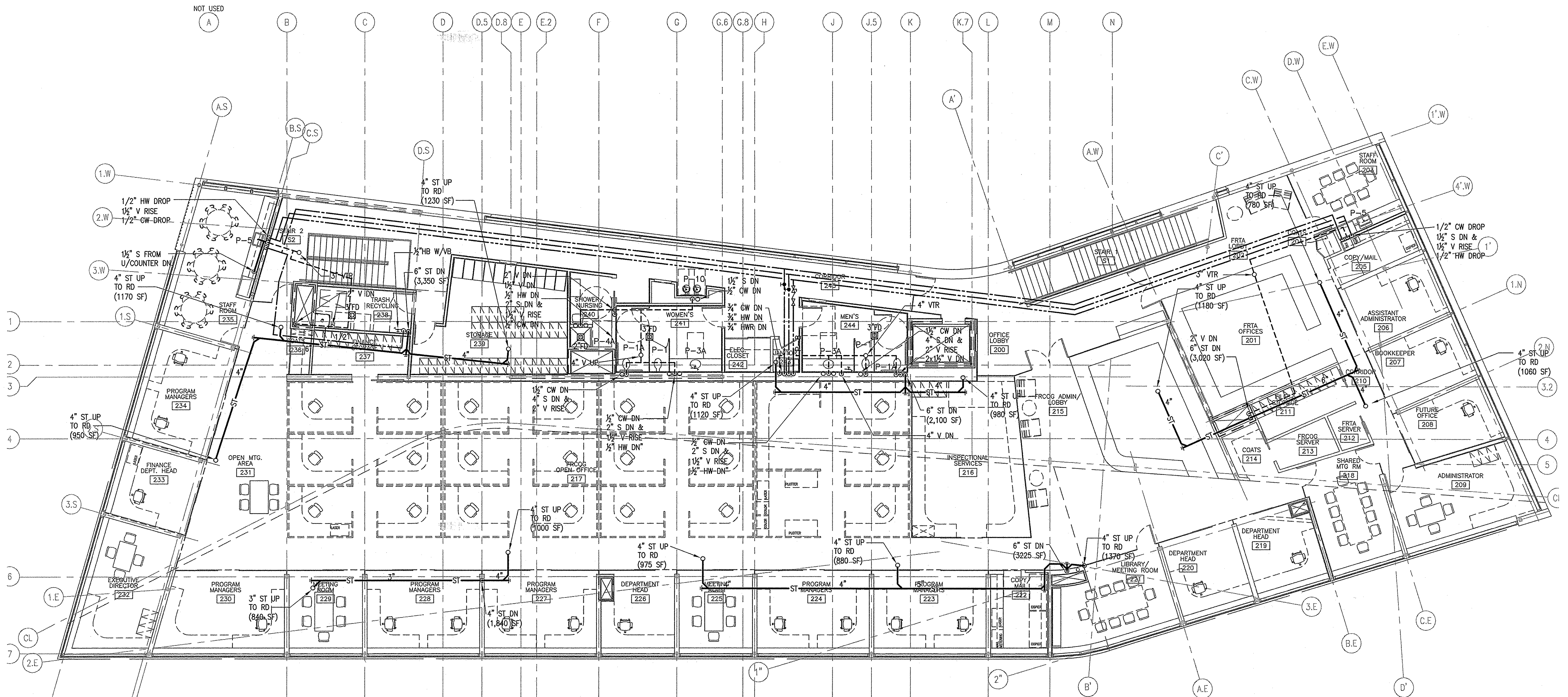
PLUMBING
LEVEL 2
LAYOUT

SCALE: 1/8"=1'-0" DATE: 07.19.2010

DRAWN BY: CRJ FILE:

SHEET

P4.02



CHARLES ROSE
ARCHITECTS INC.

115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL (617) 628-5033
FAX (617) 628-7033
www.charlesrosearchitect.com

Charles Rose Architects Inc.

CONSULTANT

ARUP

Attn: 10044
550 Massachusetts Avenue
Cambridge, MA 02142
Tel: (617) 864-2000 Fax: (617) 864-6100
www.arup.com

CERTIFICATION

FRANKLIN REGIONAL
TRANSIT CENTER

12 OLIVE STREET
GREENFIELD, MA 01301

FRANKLIN REGIONAL TRANSIT AUTHORITY

KEY PLAN

ISSUED

PURPOSE DATE
100% CD BID SET 07.19.2010
AS-BUILT 04-17-2012

100% CONSTRUCTION DOCUMENT SET
FOR BIDDING

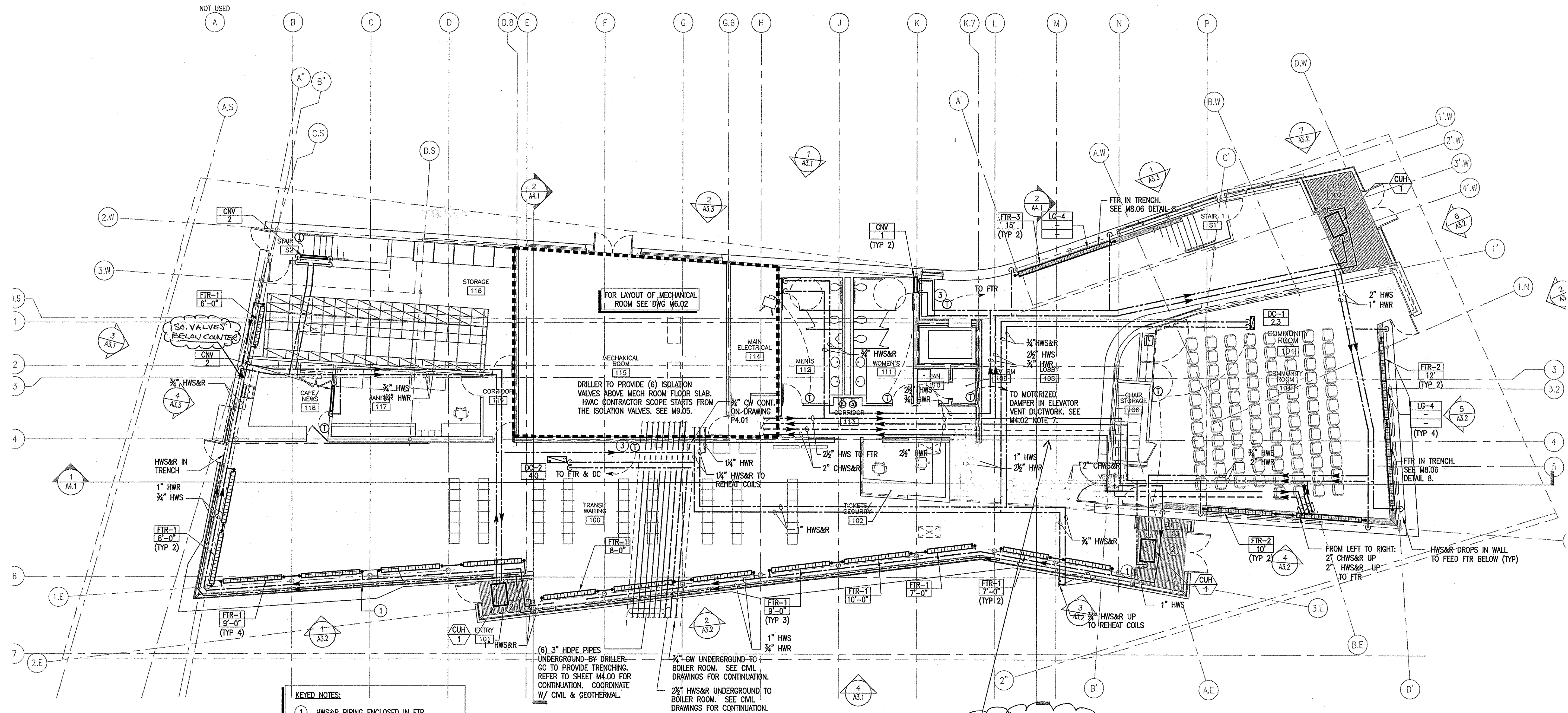
MECHANICAL
LEVEL 1
PIPING PLAN

SCALE: DATE:
1/8"=1'-0" 07.19.2010

DRAWN BY: FILE:

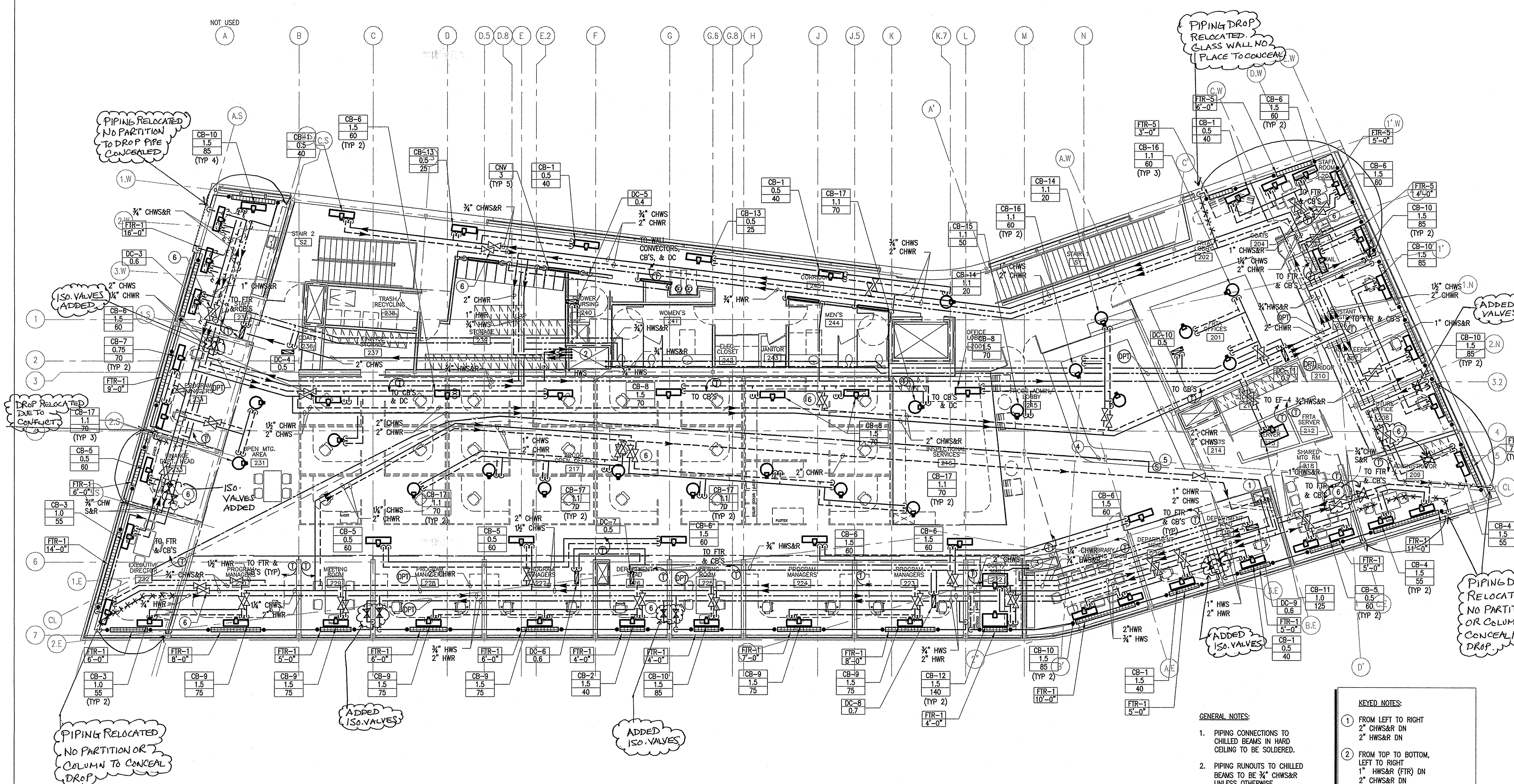
SHEET

M5.01



KEYED NOTES:
1 HWS&R PIPING ENCLOSED IN FTR ENCLOSURE. SEE DETAIL ON M8.04.
2 HWS&R PIPING RUNS UNDER FLOOR GRILLE.
3 TEMPERATURE SENSOR TO BE LOCATED IN RETURN GRILLE.

PIPING RELOCATED TO AVOID CONFLICTS WITH CEILINGS, COILING DOOR & SEVERAL TRADES



CHARLES ROSE ARCHITECTS INC.
115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL: (617) 628-6003
FAX: (617) 628-7003
www.charlesrosearchitect.com
Charles Rose Architects Inc.

CONSULTANT
ARUP
Arup USA Inc.
555 Massachusetts Ave 4th floor
Cambridge, MA 02139
Tel: (617) 854-2947 Fax: (617) 854-6178
www.arup.com

CERTIFICATION
FRANKLIN REGIONAL TRANSIT CENTER
12 OLIVE STREET
GREENFIELD, MA 01301
FRANKLIN REGIONAL TRANSIT AUTHORITY

KEY PLAN

ISSUED
PURPOSE: 100% CONSTRUCTION DOCUMENT SET FOR BIDDING
DATE: 07.19.2010
AS-BUILT: 04.11.2012

100% CONSTRUCTION DOCUMENT SET FOR BIDDING
MECHANICAL LEVEL 2 PIPING PLAN
SCALE: 1/8"=1'-0" DATE: 07.19.2010
DRAWN BY: CRJ FILE:
SHEET

M5.02

- GENERAL NOTES:**
1. PIPING CONNECTIONS TO CHILLED BEAMS IN HARD CEILING TO BE SOLDERED.
 2. PIPING RUNOUTS TO CHILLED BEAMS TO BE 3/4" CHWS&R UNLESS OTHERWISE INDICATED.
- KEYED NOTES:**
- 1 FROM LEFT TO RIGHT
2" CHWS&R DN
2" HWS&R DN
 - 2 FROM TOP TO BOTTOM,
LEFT TO RIGHT
1" HWS&R (FTR) DN
2" CHWS&R DN
3/4" HWS&R (REHEAT) DN
 - 3 3/4" HWS&R DN
 - 4 1 1/2" UNINSULATED COPPER PIPING
AT BASE OF CLERESTORY WINDOW.
PIPING IN CEILING CAVITY TO BE
INSULATED PER SPECIFICATIONS.
 - 5 THERMOSTATIC SENSOR RO VALVE
ON COPPER PIPING DESCRIBED IN
KEYED NOTE 4.
 - 6 PROVIDE THREE WAY CONTROL VALVE
AT CHILLED BEAM CHILLED WATER.
REFER TO CONTROLS DIAGRAMS FOR
DETAILS.

115 WILLOW AVENUE
SOMERVILLE, MA 02144
TEL (617) 628-5033
FAX (617) 628-7033
www.charlesrosearchitect.com

 Charles Rose Architects Inc

CONSULTANT

ARUP

Anup USA Inc.
955 Massachusetts Ave 4th floor
Cambridge, MA 02139
Tel: (617) 854 2987 Fax: (617) 854 6178
www.anup.com

CERTIFICATION

FRANKLIN REGIONAL
TRANSIT CENTER
12 OLIVE STREET
GREENFIELD, MA 01301
FRANKLIN REGIONAL TRANSIT AUTHORITY

KEY PLAN

ISSUED	
PURPOSE	DATE
100% CD BID SET	07.19.2010
AS-BUILT	07-17-2010

100% CONSTRUCTION DOCUMENT SET

MECHANICAL
EQUIP. RM
DUCT PLAN

SCALE: 1/4"=1'-0" DATE: 07.19.2010

DRAWN BY: CRJ

SHEET

M6.01

