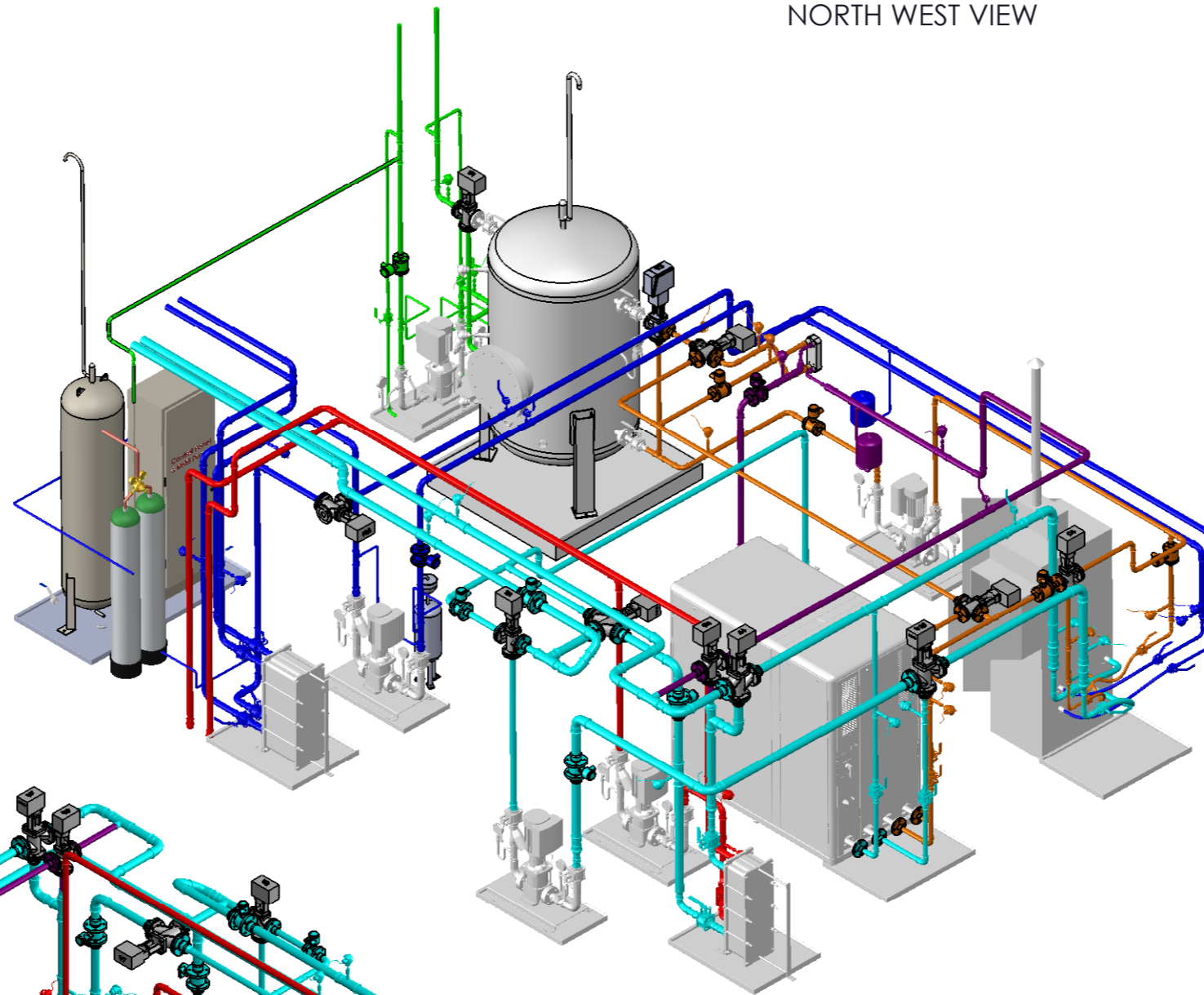
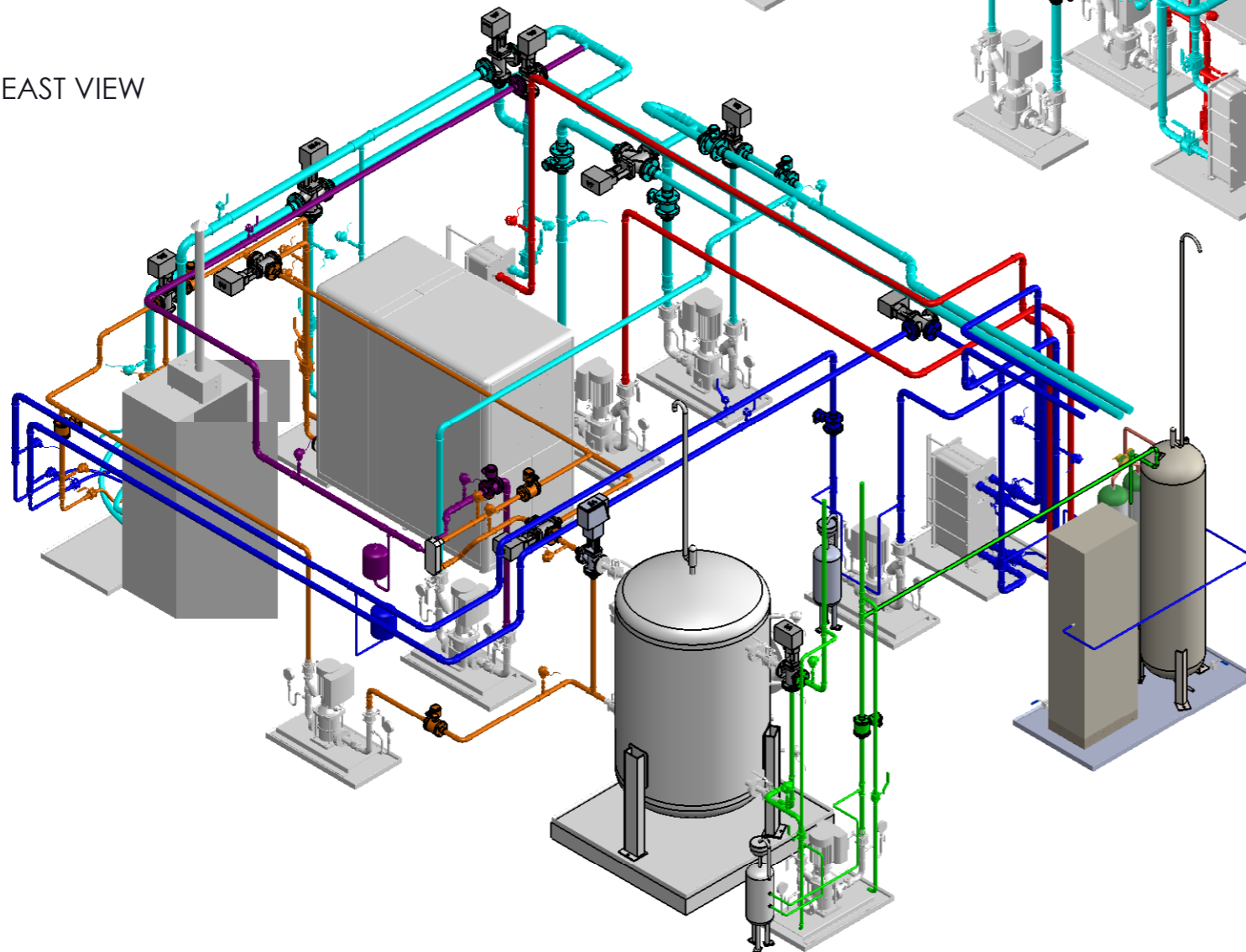


NORTH WEST VIEW

- SOLAR DISTRIBUTION CIRCUIT
- COOL WATER CIRCUIT
- HEAT DUMP CIRCUIT
- DOMESTIC HOT WATER CIRCUIT
- CHILLED WATER CIRCUIT
- SOLAR FIELD CIRCUIT



SOUTH EAST VIEW



General Notes
 Do not scale from drawing. Use marked dimensions.
 To be read in conjunction with all other Consultant's drawings.
 The Architect to be immediately notified of any discrepancies.
 Copyright on this drawing retained by the Architect.

NOTES
 1. PIPES TO BE INSULATED AND CLAD. ALLOWAND MADE FOR THE FOLLOWING THICKNESS:

PIPE OD	INSULATION (mm)
<25 mm	20 mm
25-35 mm	30 mm
35-45 mm	40 mm
>45 mm	50 mm

2. PIPES WELDED OR PRESS FIT ON SITE. IF PIPES PRE-FABRICATED THEN ADD UNIONS AT BALL VALVES AND HEAT EXCHANGERS TO ALLOW CONNECTION

3. MATERIAL: FULLY WELDED STAINLESS STEEL PIPE TO AS1449:1994 GRADE 304 OR 304L TO SCHEDULE 5S.

WELDED PIPE	OD (mm)	WALL THICKNESS (mm)
1" OR DN25	33.7	1.6
1 1/4" OR DN32	42.4	1.6
1 1/2" OR DN40	48.3	1.6
2" OR DN50	60.3	1.6
2 1/2" OR DN65	76.1	2.11

PRESS FIT PIPE	OD (mm)	WALL THICKNESS (mm)
1" OR DN25	28	1.2
1 1/4" OR DN32	35	1.5
1 1/2" OR DN40	42	1.5
2" OR DN50	54	1.5
2 1/2" OR DN65	76	1.6

No.	Date	Dwn	Chk	App	Revision or reason for issue
1.	13/06/13	KK	JD	JD	A FOR DISCUSSION
2.	04/07/13	KK	JD	JD	1 CONSTRUCTION
3.	06/04/14	KK	JD	JD	2 CONSTRUCTION
4.	06/05/14	KK	JD	JD	3 AS BUILT

Scale / North Point
 1:500 @ A1 0 5 10 15 25M
 1:1000 @ A3

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Drawing Title
 SOLAR THERMAL TRIGEN SYSTEM
 CIRCUIT_LAYOUT

Project Number 7352	
Drawn By KK	Checked By JD
Approved By JD	Date Issued 06/05/14
Drawing Scale 1:50	Drawing Status AS BUILT
UTS Drg File Name CB1113ED	UTS Drg File No 24500
Sheet A3	Rev No 3