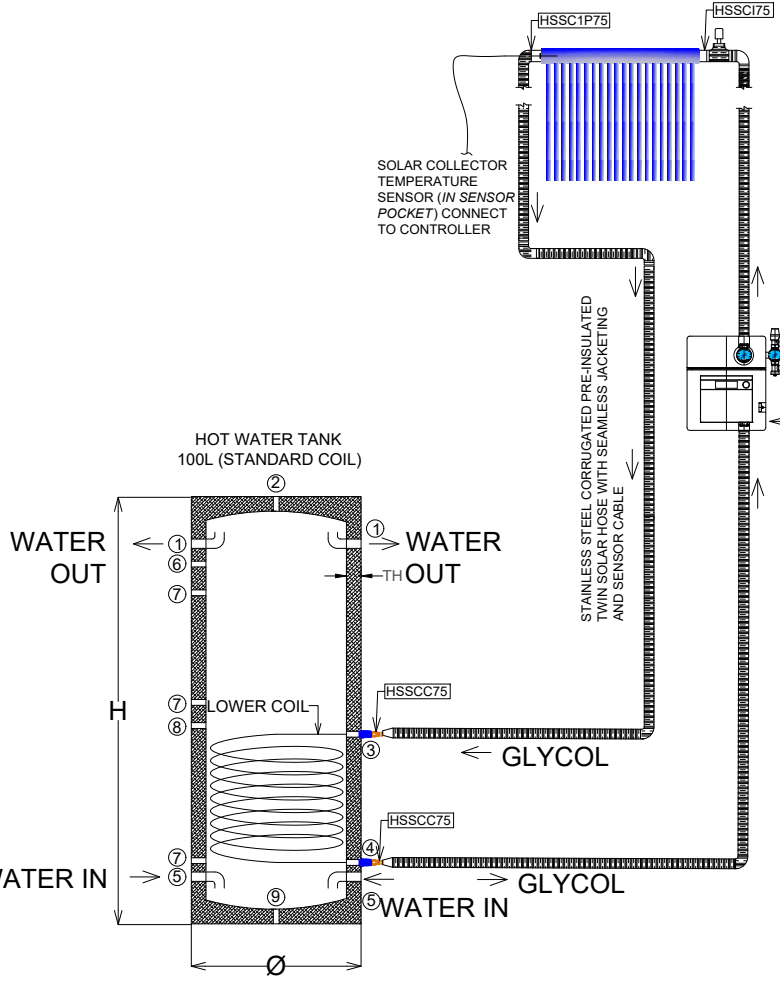


1	2	3	4
RevNo	Revision note	Date	Signature
01	GENERAL SCHEMATICS	2020-10-14	OL
			Checked RA

A

VACUUM TUBE SOLAR COLLECTOR



FEMALE THREADED SAFETY VALVE OUTLET TO CONNECT TO NEAREST DRAIN

EXPANSION TANK

SOLAR PUMPING STATION KIT

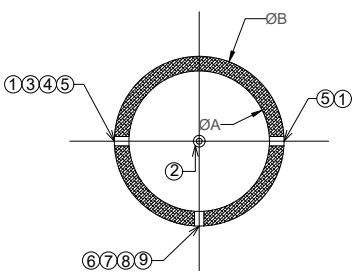
- PUMPING STATION INCLUDES:**
1. SAFETY VALVE: 6BAR - 1/2" FEMALE OUTLET
 2. MANOMETER: 0-6BAR
 3. CHECK VALVE
 4. CIRCULATION PUMP
 5. DIGITAL FLOW METER
 6. RETURN OUTLET CONNECTION (FROM COLLECTOR): 3/4"
 7. WIRING TERMINAL OF CONTROLLER
 8. EPP INSULATION CASE
 9. FLOW OUTLET CONNECTION (TO COLLECTOR): 3/4"
 10. INTEGRATED SOLAR CONTROLLER
 11. WALL MOUNTING BRACKET
 12. ACCESSORY BAG (INCLUDE 2 * SCREW AND DOWEL ; 2 * STRAIN RELIEF)
 13. OPERATION AND MAINTENANCE MANUAL.

- SUPPLIED WITH THE PUMPING STATION**
14. 1 (X) COLLECTOR SENSOR
 15. 2 (X) STORE SENSOR

B

C

D



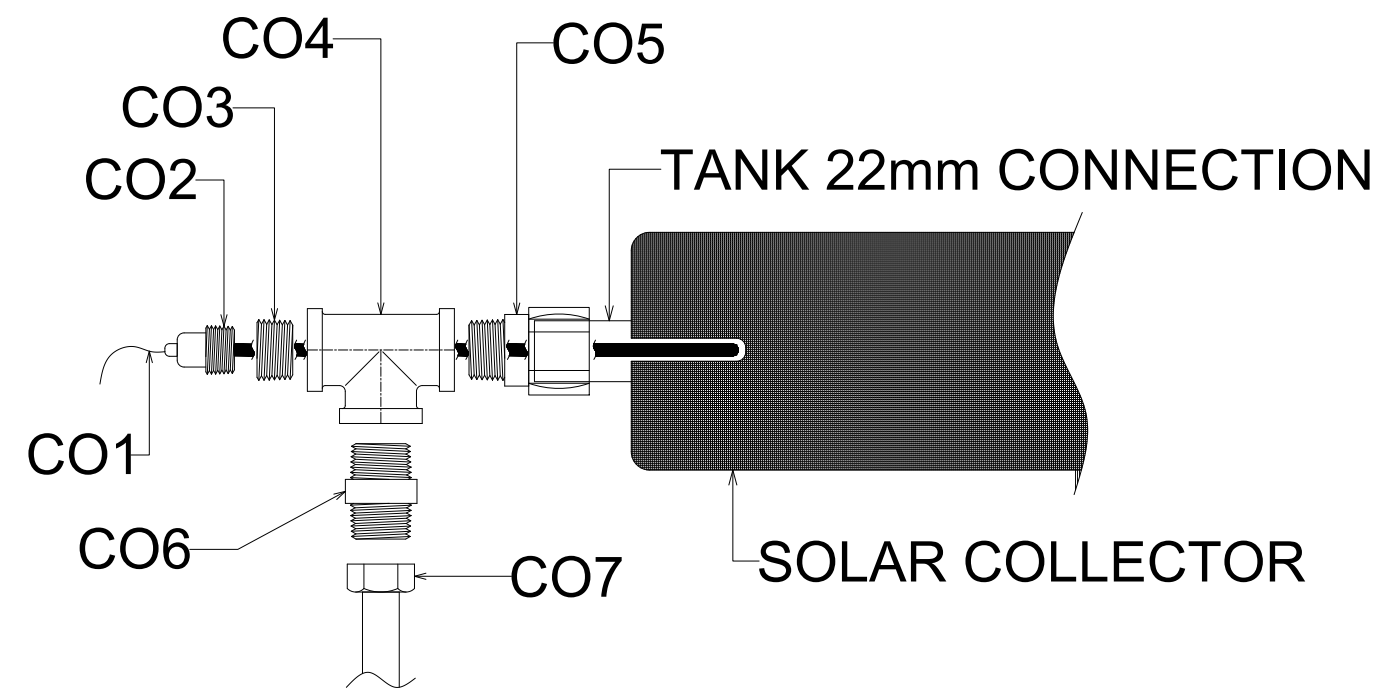
- 1 WATER TANK INLET/OUTLET FEMALE 1 1/4" NPT
- 2 T/P SAFETY VALVE 3/4" FEMALE NPT
- 3 IMMERSED COIL 3/4" NPT MALE OUTLET
- 4 IMMERSED COIL 3/4" NPT MALE INLET
- 5 WATER TANK INLET/OUTLET FEMALE 1 1/4" NPT FEMALE
- 6 MAGNESIUM ROD 3/4" FEMALE BSPT
- 7 TANK TEMPERATURE SENSOR PORT 1/2"-3/8" FEMALE
- 8 ELECTRIC HEATING ELEMENT 1" FEMALE NPT PORT
- 9 DRAINAGE VALVE 3/4" FEMALE NPT

TANK SIZE	100L
Ø	480
H	1100
TH	50
UPPER COIL	NONE
LOWER COIL	Ø 5/8"-0.6m²

E

F

1PKIT	1 SOLAR PANEL KIT	Article No./Reference			
Designed by OLGA_ULANOV	Checked by ROGER_ABDO	Approved by - date RA-2020/09/28	SKU K15TXXXXX	Date 2020/09/28	Scale NTS
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			DWG.NO.:15T1C100L_G	REVISION 0	Sheet K000



HSSCO50

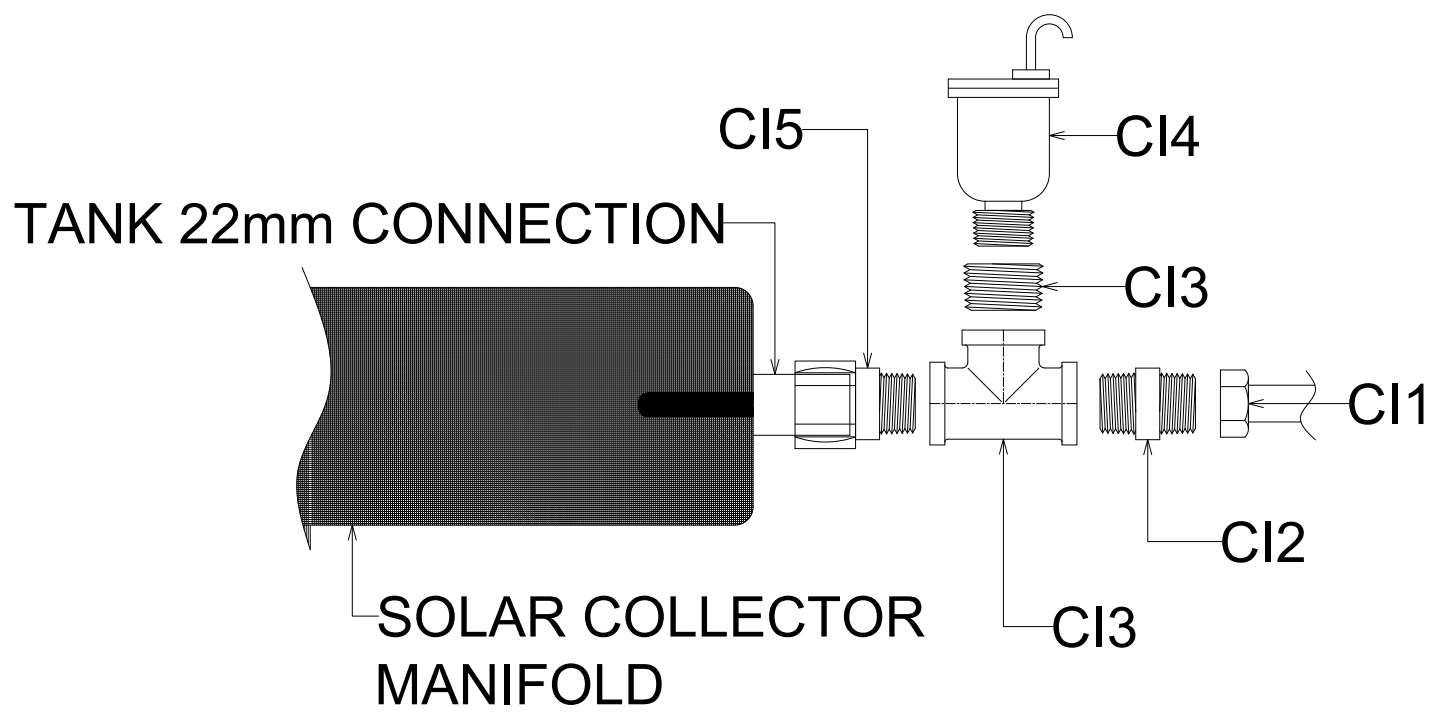
1/2" COLLECTOR'S OUTLET CONNECTION KIT

CO1	TEMPERATURE SENSOR	
CO2	THERMAL WELL 1/2" MALE	
CO3	NONE	
CO4	FEMALE THREADED TEE 1/2" BSPT	
CO5	PANEL CONNECTOR 1/2" MALE BSPT TO 22mm COMPRESSION	
CO6	BSPT MALE THREADED NIPPLE 1/2 x 1/2"	
CO7	BSPT SOLAR HOSE CONNECTOR 1/2" BSP NUT, SS CLIP & GASKET	

HSSCO75

3/4" COLLECTOR'S OUTLET CONNECTION KIT

CO1	TEMPERATURE SENSOR	
CO2	THERMAL WELL 1/2" MALE	
CO3	REDUCER BUSH 3/4 x 1/2" BSPT	
CO4	FEMALE THREADED TEE 3/4" BSPT	
CO5	PANEL CONNECTOR 3/4" MALE BSPT TO 22mm COMPRESSION	
CO6	BSPT MALE THREADED NIPPLE 3/4 x 3/4"	
CO7	BSPT SOLAR HOSE CONNECTOR 3/4" BSP NUT, SS CLIP & GASKET	



HSSCI50

1/2" COLLECTOR'S INLET CONNECTION KIT

CI3	NONE	
CI4	AUTOMATIC AIR VENT 1/2" MALE BSPT	
CI5	PANEL CONNECTOR 1/2" MALE BSPT TO 22mm COMPRESSION	
CI2	BSPT MALE THREADED NIPPLE 1/2 x 1/2"	
CI1	BSPT SOLAR HOSE CONNECTOR 1/2" BSP NUT, SS CLIP & GASKET	

HSSCI75

3/4" COLLECTOR'S INLET CONNECTION KIT

CI3	REDUCER BUSH 3/4 x 1/2" BSPT	
CI4	FEMALE THREADED TEE 3/4" BSPT	
CI5	PANEL CONNECTOR 3/4" MALE BSPT TO 22mm COMPRESSION	
CI2	BSPT MALE THREADED NIPPLE 3/4 x 3/4"	
CI1	BSPT SOLAR HOSE CONNECTOR 3/4" BSP NUT, SS CLIP & GASKET	

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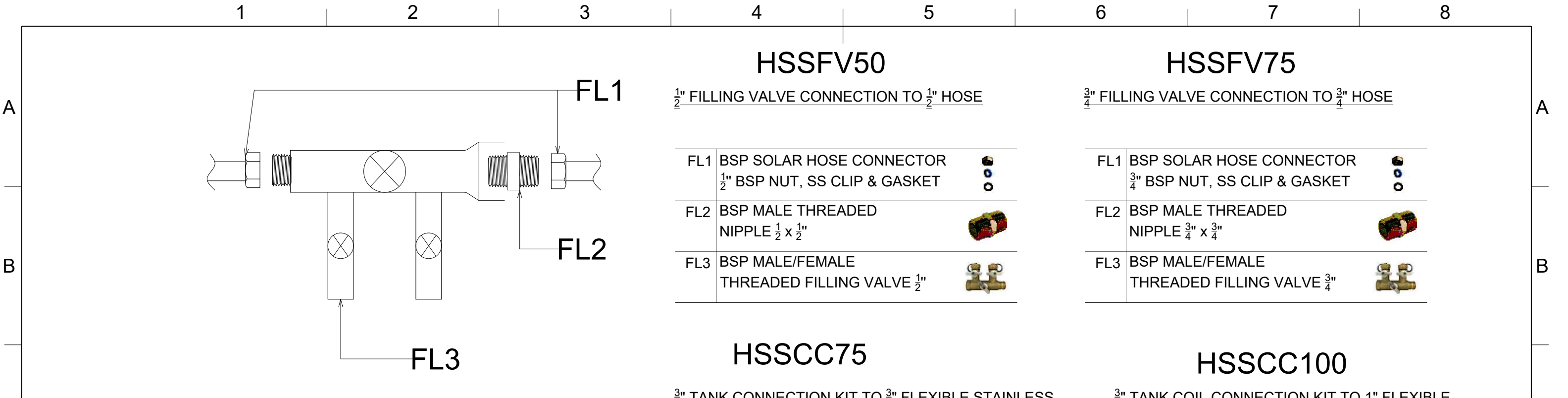
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SOLAR_HEATING_KIT

DWG.NO.:SS215 Revision 0 Sheet DT-01

RevNo	Revision note	Date	Signature	Checked
01	FOR SUBMISSION TO CLIENT	2020-09-29	RA	YES



HSSFV50

$\frac{1}{2}$ " FILLING VALVE CONNECTION TO $\frac{1}{2}$ " HOSE

FL1	BSP SOLAR HOSE CONNECTOR $\frac{1}{2}$ " BSP NUT, SS CLIP & GASKET	
FL2	BSP MALE THREADED NIPPLE $\frac{1}{2}$ x $\frac{1}{2}$ "	
FL3	BSP MALE/FEMALE THREADED FILLING VALVE $\frac{1}{2}$ "	

HSSFV75

$\frac{3}{4}$ " FILLING VALVE CONNECTION TO $\frac{3}{4}$ " HOSE

FL1	BSP SOLAR HOSE CONNECTOR $\frac{3}{4}$ " BSP NUT, SS CLIP & GASKET	
FL2	BSP MALE THREADED NIPPLE $\frac{3}{4}$ x $\frac{3}{4}$ "	
FL3	BSP MALE/FEMALE THREADED FILLING VALVE $\frac{3}{4}$ "	

HSSCC75

$\frac{3}{4}$ " TANK CONNECTION KIT TO $\frac{3}{4}$ " FLEXIBLE STAINLESS
STEEL SOLAR PIPE

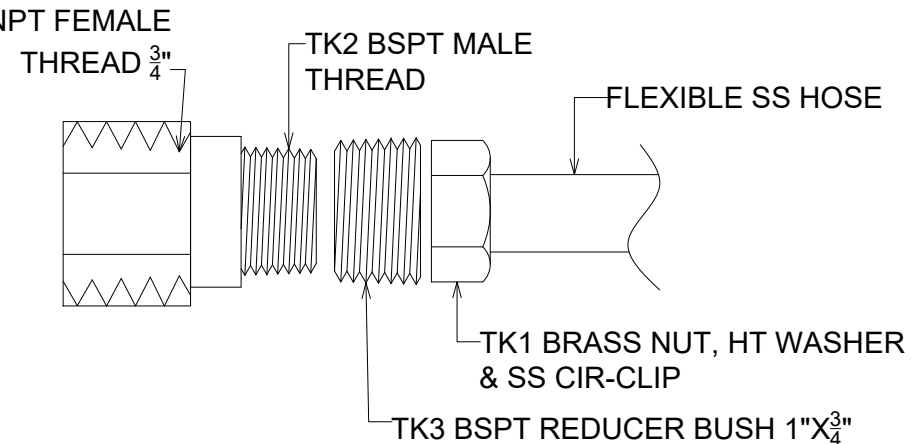
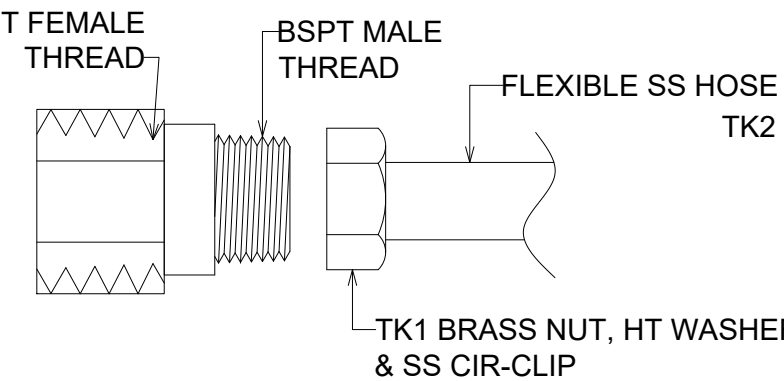
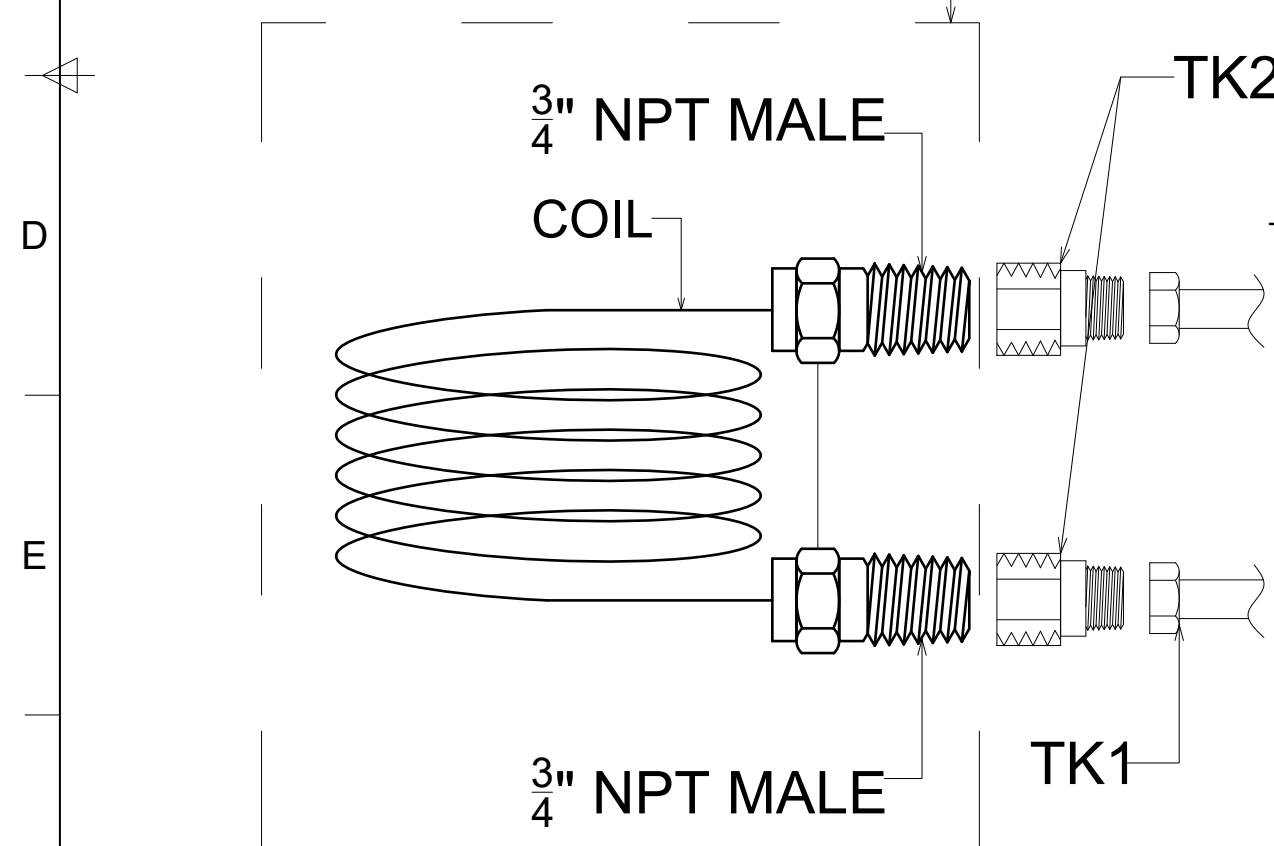
TK1	BSPT SOLAR HOSE CONNECTOR $\frac{3}{4}$ " BSPT NUT, SS CLIP & GASKET	
TK2	NPT/BSPT THREADED ADAPTER FEMALE NPT $\frac{3}{4}$ " x MALE BSP $\frac{3}{4}$ "	

HSSCC100

$\frac{3}{4}$ " TANK COIL CONNECTION KIT TO 1" FLEXIBLE
STAINLESS STEEL SOLAR PIPE

TK1	BSPT SOLAR HOSE CONNECTOR 1" BSP NUT, SS CLIP & GASKET	
TK2	NPT/BSPT THREADED ADAPTER FEMAL NPT $\frac{3}{4}$ " x MALE BSP $\frac{3}{4}$ "	
TK3	BSPT REDUCER BUSH 1" x $\frac{3}{4}$ "	

NOT INCLUDED IN THE KIT



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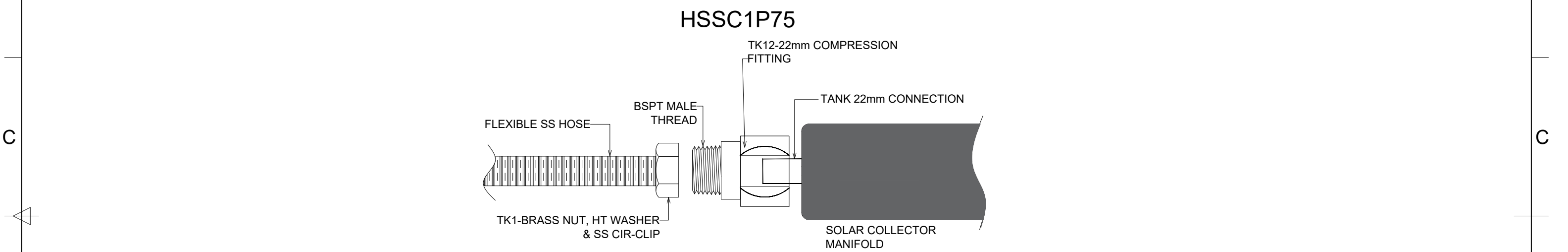
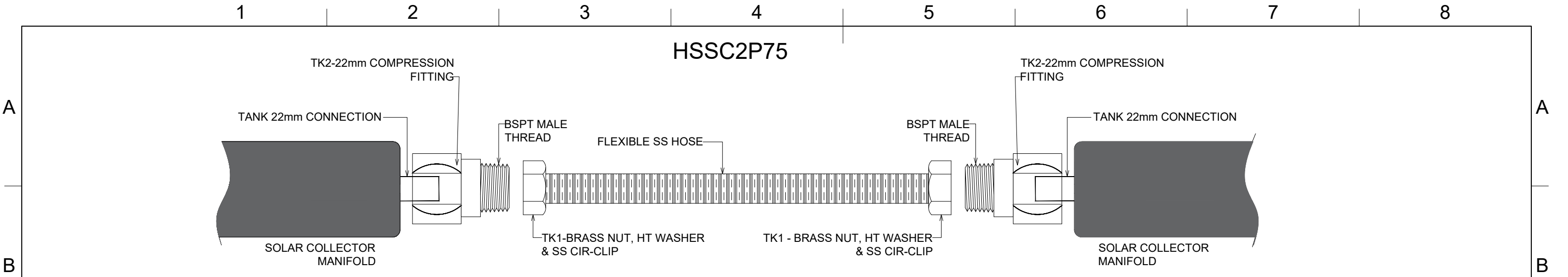
SOLAR_HEATING_KIT

DWG.NO.:SS215

Revision 0

Sheet DT-02

RevNo	Revision note	Date	Signature	Checked
01	FOR SUBMISSION TO CLIENT	2020-09-29	RA	YES



HSSC1P75

22mm MANIFOLD CONNECTION KIT TO 3/4" FLEXIBLE STAINLESS STEEL SOLAR PIPE

TK1	BSPT SOLAR HOSE CONNECTOR 3/4" BSPT NUT, SS CLIP & GASKET	
TK2	NPT/BSPT THREADED ADAPTER FEMALE NPT 3/4" x MALE BSP 3/4"	

HSSC2P75

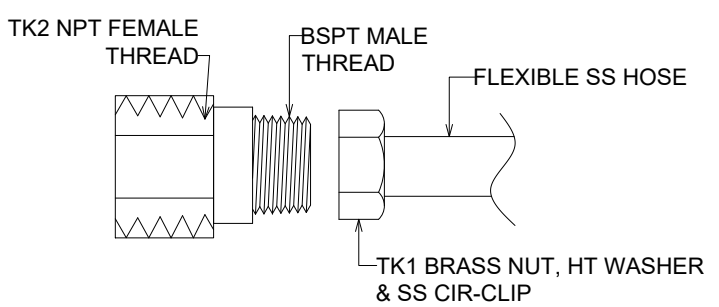
22mm MANIFOLD CONNECTION KIT TO 3/4" FLEXIBLE STAINLESS STEEL SOLAR PIPE

TK1	BSPT SOLAR HOSE CONNECTOR 3/4" BSPT NUT, SS CLIP & GASKET	
TK2	NPT/BSPT THREADED ADAPTER FEMALE NPT 3/4" x MALE BSP 3/4"	

HSSC2P100

22mm MANIFOLD CONNECTION KIT TO 1" FLEXIBLE STAINLESS STEEL SOLAR PIPE

TK1	BSPT SOLAR HOSE CONNECTOR 3/4" BSPT NUT, SS CLIP & GASKET	
TK2	NPT/BSPT THREADED ADAPTER FEMALE NPT 3/4" x MALE BSP 3/4"	



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01	FOR SUBMISSION TO CLIENT	2020-09-29	RA	YES