

NOTED:

1. FLANGES LOCATED OUTSIDE CHAMBER CAN BE REPLACED WITH SITE WELDS.

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REV	DATE	REVISION DETAILS	APPROVED
A	02/2020	FOR INFORMATION	
B	03/2020	FOR INFORMATION	

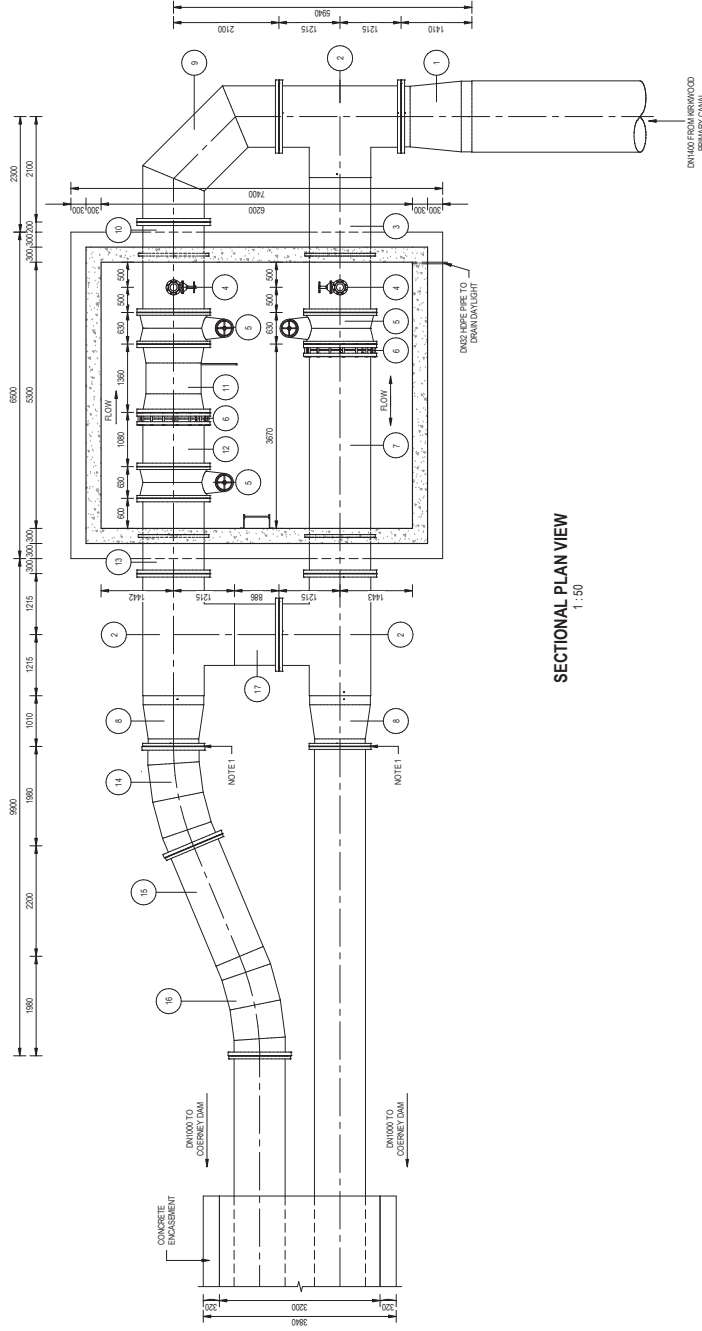
SCALE AS INDICATED	SIZE	FOR INFORMATION	
	A1	APPROVED	DATE
		DRAWN	
		B. MCCABROGHER	
		DESIGNED	
		M. WAHL	
		REVIEWED	
		S. KIEVHANS	

**SUPPORT OF THE WATER
RECONCILIATION STRATEGY OF THE
ALGOA WATER SUPPLY SYSTEM**

TITLE

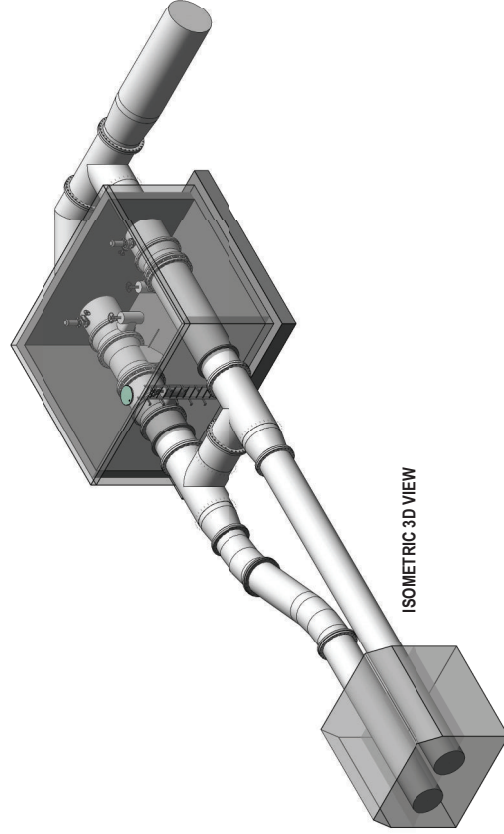
**LOWER COERNEY DAM
INLET/OUTLET CHAMBER**

DRAWING NUMBER				
PROJECT No	WBS	TYPE	DISC	NUMBER
112546	0000	DBG	CC	100
				REV
				B



SECTIONAL PLAN VIEW
1:50

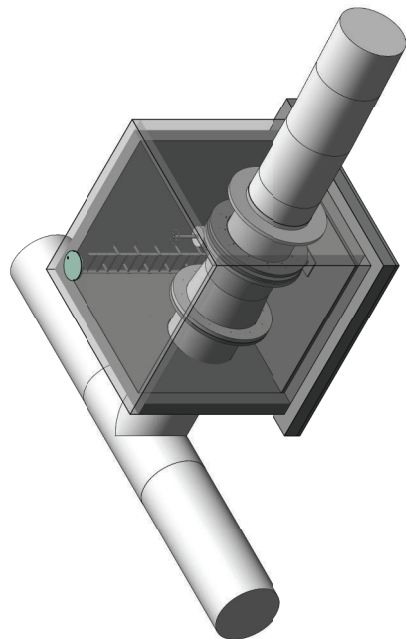
ITEM		MATERIALS LIST	
QTY	DESCRIPTION		
1	DN 140X DN 120 REDUCER FLANGED ONE END		
2	DN 120 FLANGED EQUAL TEE ONE END FLAN		
3	DN 120 PUDDLE PIPE FLANGED ONE END 285mm FF		
4	DN 150 STUB 1070mm CF WITH DN 150 GATE VALVE AND DN 150 AIR VALVE		
5	DN 120 FLANGED BUTT TEE VALVE		
6	DN 120 RESTRAINED FLANGE ADAPTOR		
7	DN 120X FLANGED PADOLE PIPE 450mm FF		
8	DN 120X DN 100 PLAN ENDED REDUCER		
9	DN 120X PLAN ENDED 90° BEND (1 x 10)		
10	DN 120 PUDDLE PIPE FLANGED ONE END 1000mm FF		
11	DN 120X FLANGED NON RETURN VALVE		
12	DN 120 PIPE FLANGED ONE END 1000mm FF		
13	DN 120X FLANGED PADOLE PIPE 1500mm FF		
14	DN 100X FLANGED 227° BEND		
15	DN 100 PIPE FLANGED ONE END 285mm FF		
16	DN 100X 227° BEND FLANGED ONE END		
17	DN 100 PIPE FLANGED ONE END 880mm FF		



ISOMETRIC 3D VIEW



PLAN VIEW
1:50



3D VIEW
NTS

ITEM		QTY	DESCRIPTION	MATERIAL LIST
1	1		DN 140 FLAN ENDED PPOLE PIPE 1700mm I/F	
2	1		DN 140 RESTRAINED FLANGE ADAPTOR	
3	1		DN 140 FLANGED BUTTERFLY VALVE	
4	1		DN 140 PPOLE PIPE FLANGED ONE END 2200mm I/F	
5	1		DN 140 FLAN ENDED EQUAL TEE	

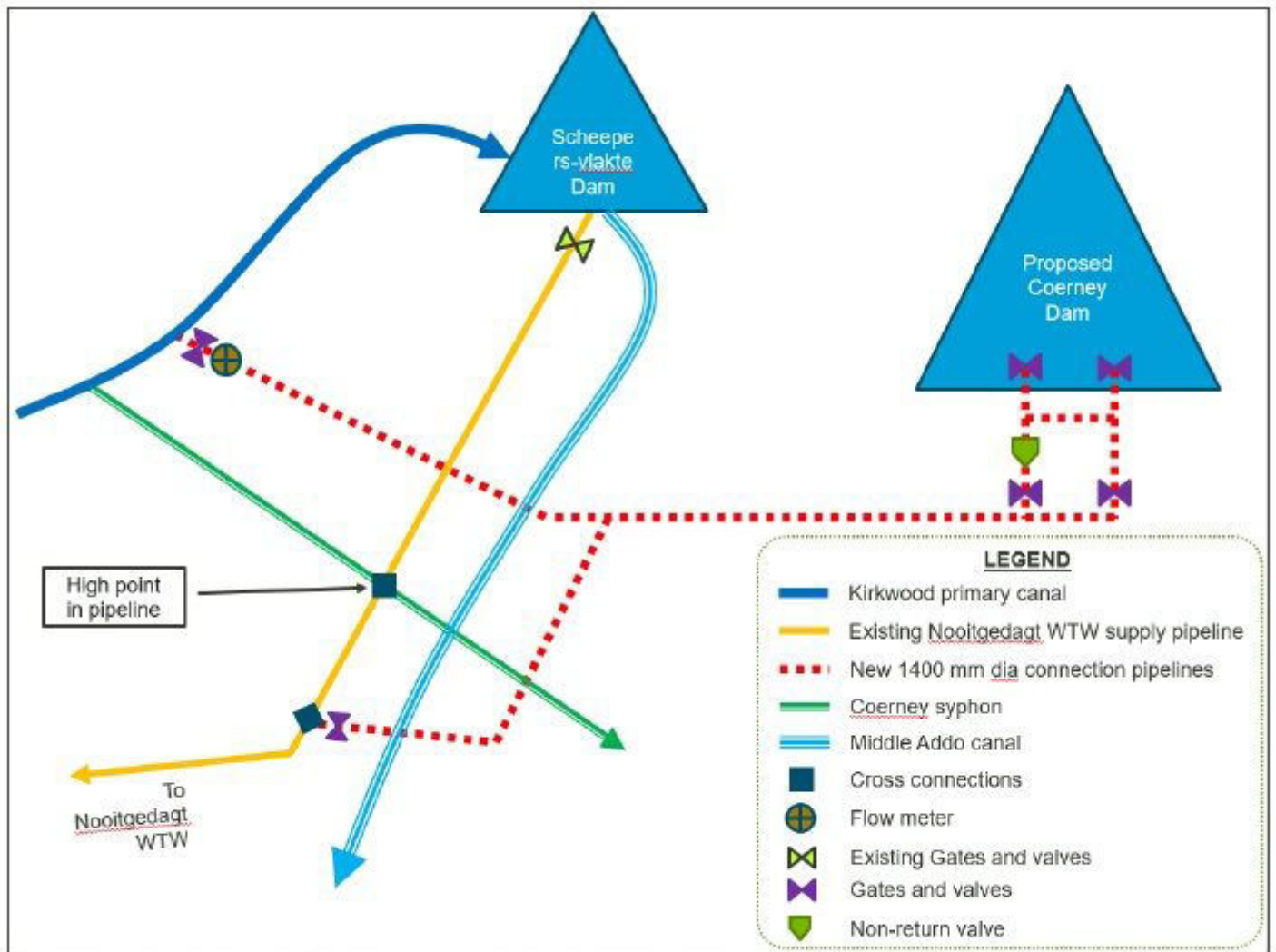
[illegible]



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PROJECT No.	WBS	TYPE	DSC	NUMBER	REV
112546	- 0000	- DRG -	CC	002	- A



Schematic layout of the proposed Coerney Dam and connecting pipelines