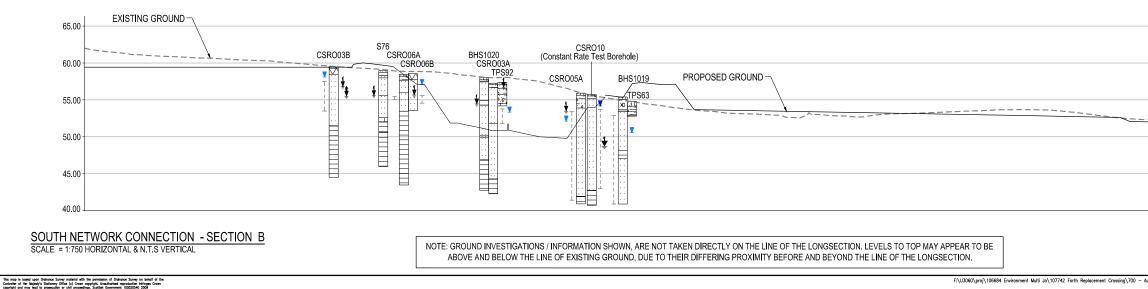
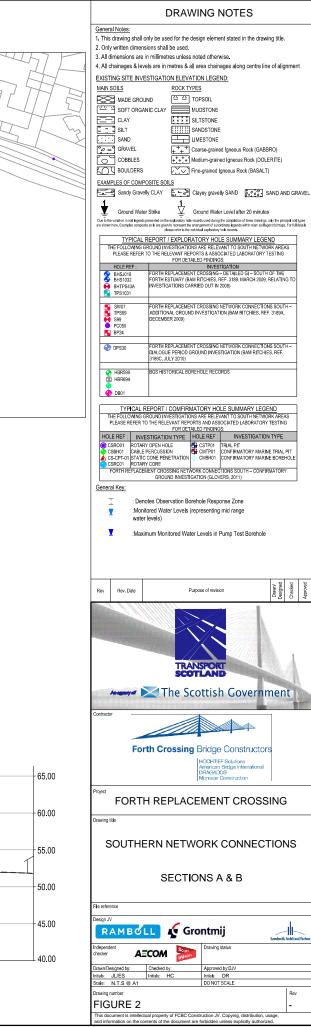
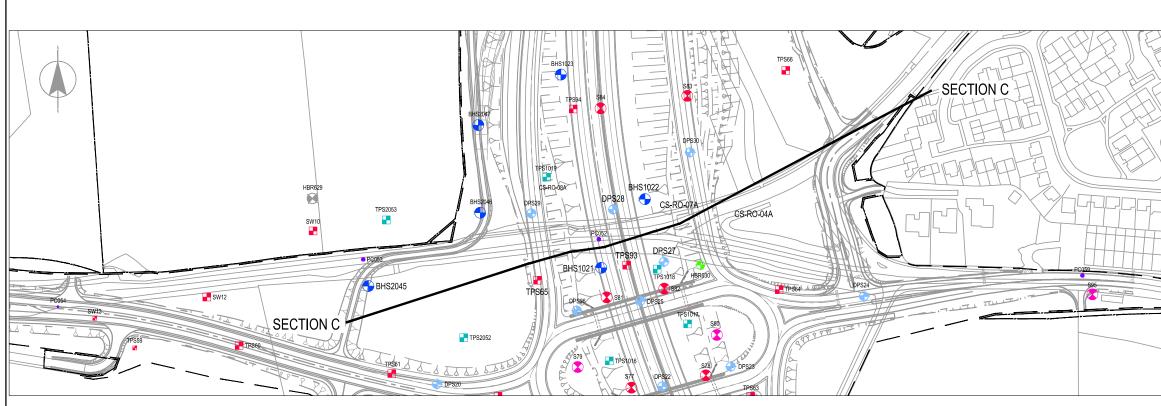


SOUTH NETWORK CONNECTION - SECTION A SCALE = 1:750 HORIZONTAL & N.T.S VERTICAL

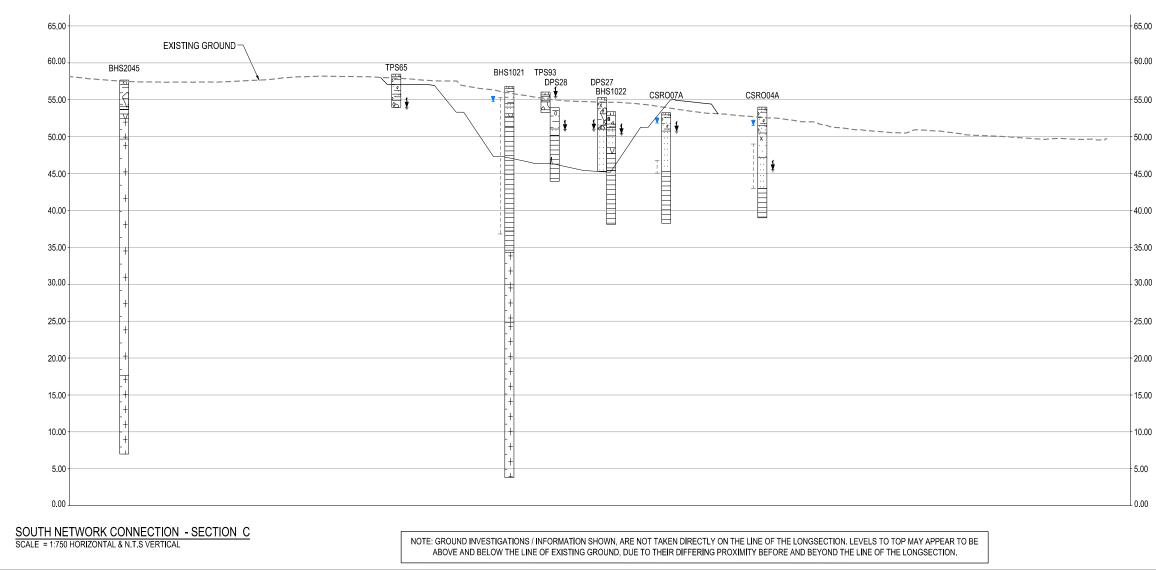




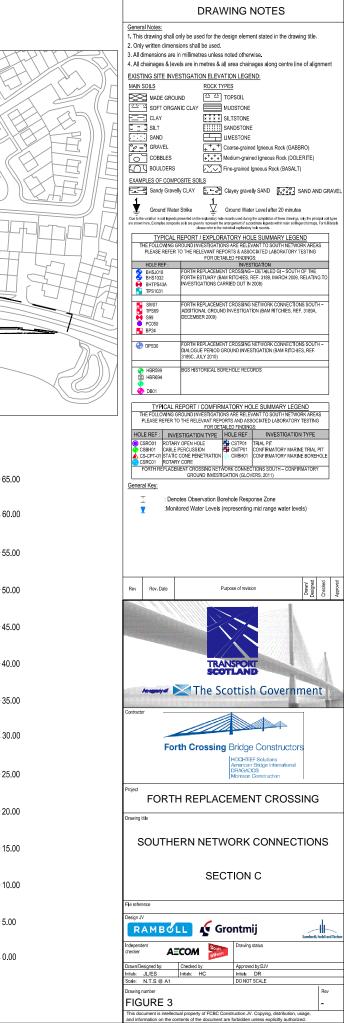
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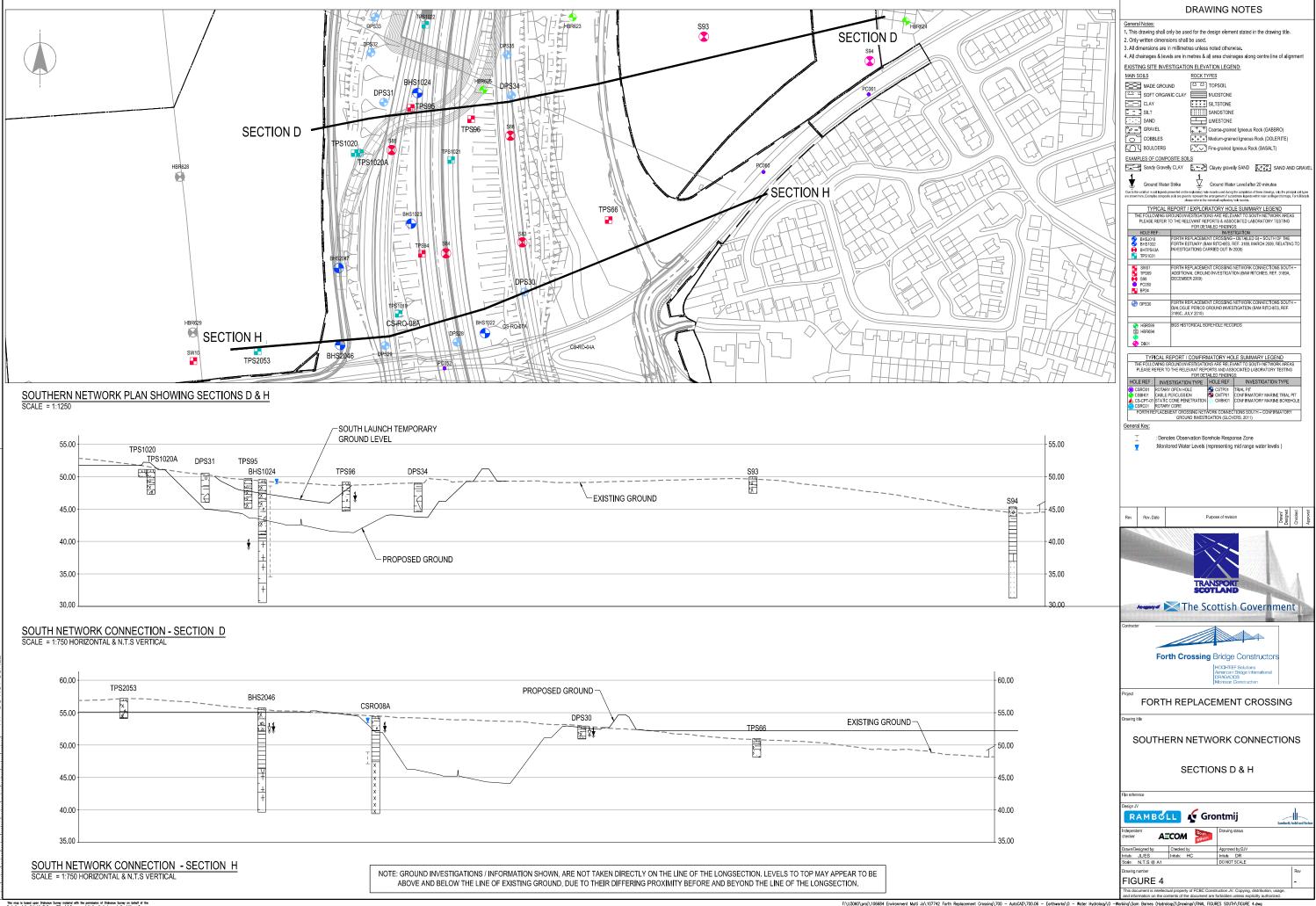
### SOUTHERN NETWORK PLAN SHOWING SECTION C SCALE = 1:1250

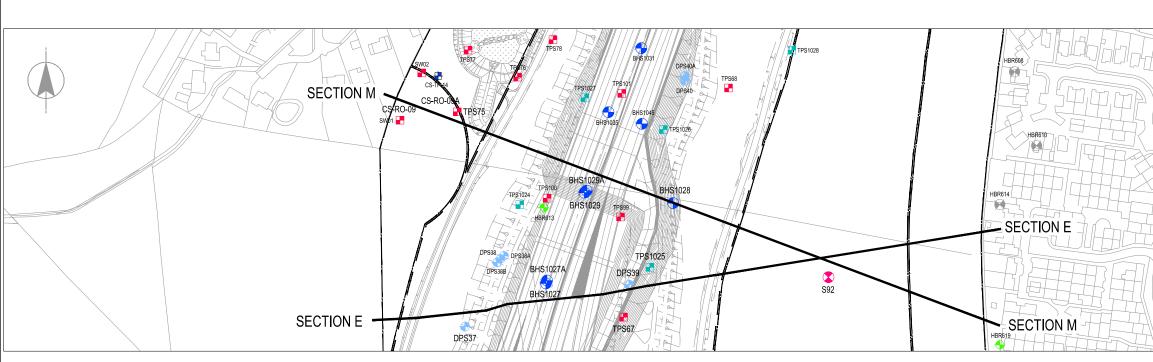


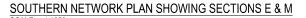
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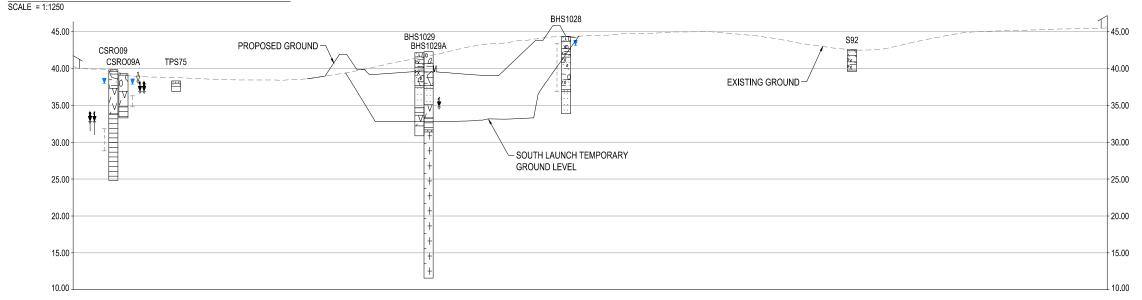


F:\U3060\proj\106684 Environment Multi Jo\107742 Forth Replacement Crossing\700 - AutoCAD\700.06 - Earthworks\0 - Water Hydrology\0 -Working\Sam Barnes (Hydrology\Drawings\FINAL FIGURES SOUTH\FIGURE 3.dwg

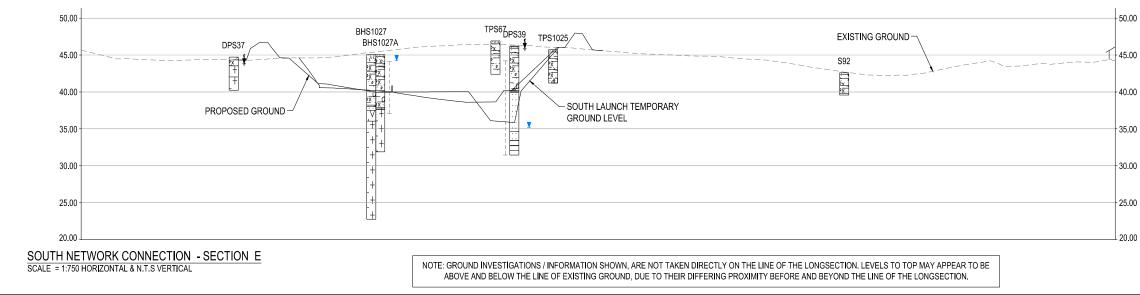








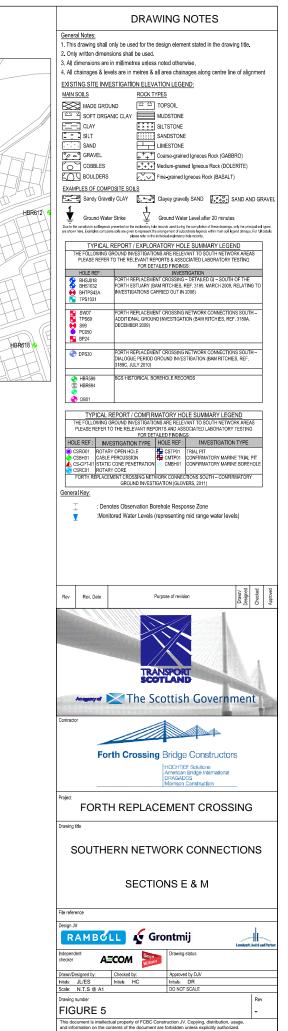
SOUTH NETWORK CONNECTION - SECTION M SCALE = 1:750 HORIZONTAL & N.T.S VERTICAL

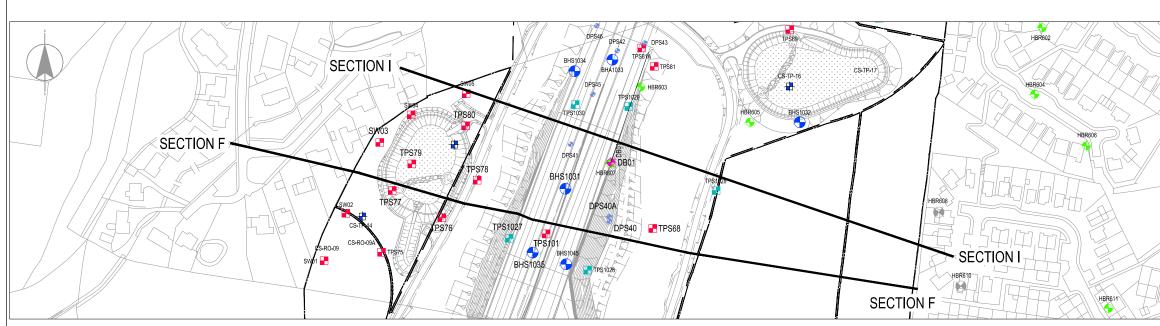


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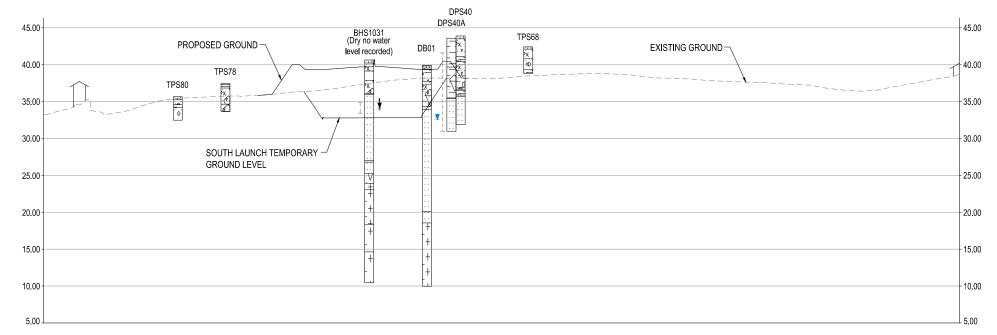
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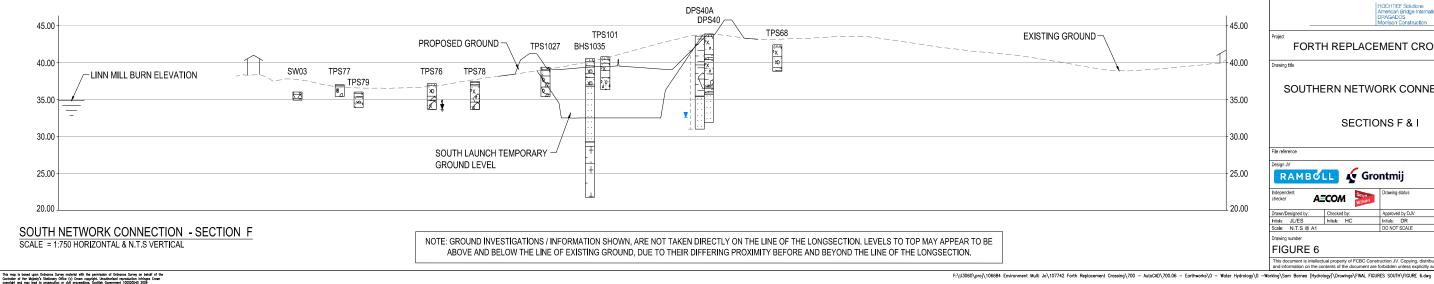




### SOUTHERN NETWORK PLAN SHOWING SECTIONS F & I SCALE = 1:1250



### SOUTH NETWORK CONNECTION - SECTION I SCALE = 1:750 HORIZONTAL & N.T.S VERTICAL

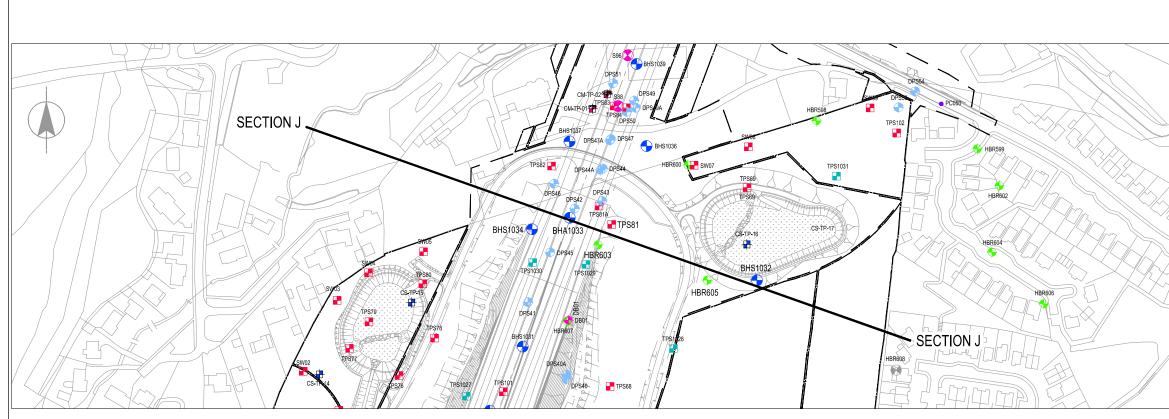


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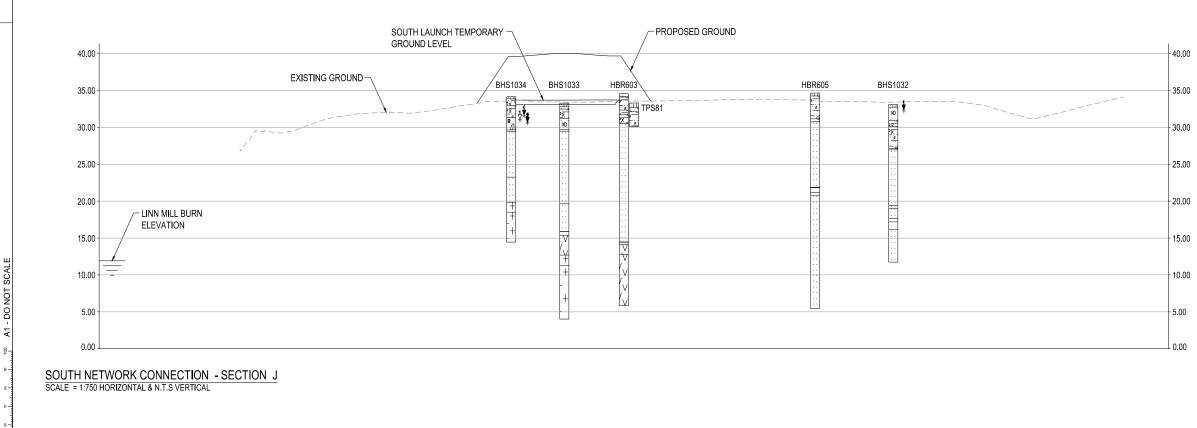
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8

	DRAWING NOTES					
	General Notes: 1. This drawing shall only be used for the design element stated in the drawing title.					
	Control daming shall be used to use design reference stated in the drawing due.     Only written dimensions shall be used.     All dimensions are in millimetres unless noted otherwise.					
	4. All chainages & levels are in metres & all area chainages along centre line of alignment					
	EXISTING SITE INVESTIGATION ELEVATION LEGEND: MAIN SOILS <u>ROCK TYPES</u>					
	MADE GROUND					
	CLAY	SILTSTONE				
	SILT	SANDSTONE				
	GRAVEL	++++ +++++ Medium-grained Igneous R				
		Fine-grained Igneous Rock				
	EXAMPLES OF COMPOSITE S		SAND AND GRAVEL			
	1	<u>.</u>				
	Ground Water Strike     Ground Water Level after 20 minutes     Devent the variation is not larged presented on the endors to the endors and advice the constraint of a formation of the presented on the second and advice the constraint of advices the development of the endors and the endors are the advices the second and advices the second and advices the development of the endors and the endors are the advices the second and advices the second and advices the second and advices the second advices					
	Due to the wardskin in all legand presented as the excitacity of the module and during the scoreglishing of these designs, only the stratical of types are strain here. Examples compared and are given by approximately and the score of the					
	THE FOLLOWING GROUND INVESTIGATIONS ARE RELEVANT TO SOUTH NETWORK AREAS PLEASE REFER TO THE RELEVANT REPORTS & ASSOCIATED LABORATORY TESTING					
	FOR DETAILED FNDINGS: HOLE REF: INVESTIGATION BHSJ018 FORTH REPLACEMENT CROSSING - DETAILED GI - SOUTH OF THE					
1474	BHTPS43A INVES	H ESTUARY (BAM RITCHIES, REF. 3189, MA TIGATIONS CARRIED OUT IN 2008)				
	TPS69 ADDIT	H REPLACEMENT CROSSING NETWORK CO IONAL GROUND INVESTIGATION (BAM RIT IMBER 2009)				
	DIALO	H REPLACEMENT CROSSING NETWORK CO IGUE PERIOD GROUND INVESTIGATION (B/ , JULY 2010)				
	HBR599 BGS H	IISTORICAL BOREHOLE RECORDS				
	Č DB01					
	TYPICAL REPORT / COMFIRMATORY HOLE SUMMARY LEGEND THE FOLLOWING GROUND INVESTIGATIONS ARE RELEVANT TO SOUTH NETWORK AREAS					
	PLEASE REFER TO THE RELEVANT REPORTS AND ASSOCIATED LABORATORY TESTING FOR DETALED FINDINGS: HOLE REF : INVESTIGATION TYPE HOLE REF : INVESTIGATION TYPE					
	CSR001 ROTARY OPEN CSBH01 CABLE PERCUS	HOLE CSTP01 TRIAL PIT SSION CMTP01 CONFIRMATO	ORY MARINE TRIAL PIT			
	CS-CPT-01 STATIC CONE F CSRC01 ROTARY CORE FORTH REPLACEMENT OF	PENETRATION CMBH01 CONFIRMATO	DRY MARINE BOREHOLE			
	GR General Key:	OUND INVESTIGATION (GLOVERS, 2011)				
		servation Borehole Response Zone				
	:Monitored W	/ater Levels (representing mid range v	vater levels)			
	Rev Rev. Date	Purpose of revision	Drawn/ Designed Chacked Approved			
		TRANSPORT				
	The Scottish Government					
	Contractor Forth Crossing Bridge Constructors [HCCHTEF Solutions					
45.00	_	American Bridge Inter DRAGADOS Morrison Construction				
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	FORTH REPLACEMENT CROSSING					
40.00	Drawing title					
	SOUTHERN NETWORK CONNECTIONS					
30.00		SECTIONS F & I				
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25.00	RAMBOLL	🖌 Grontmij				
	L		Leonhardt, Andrä und Partner			
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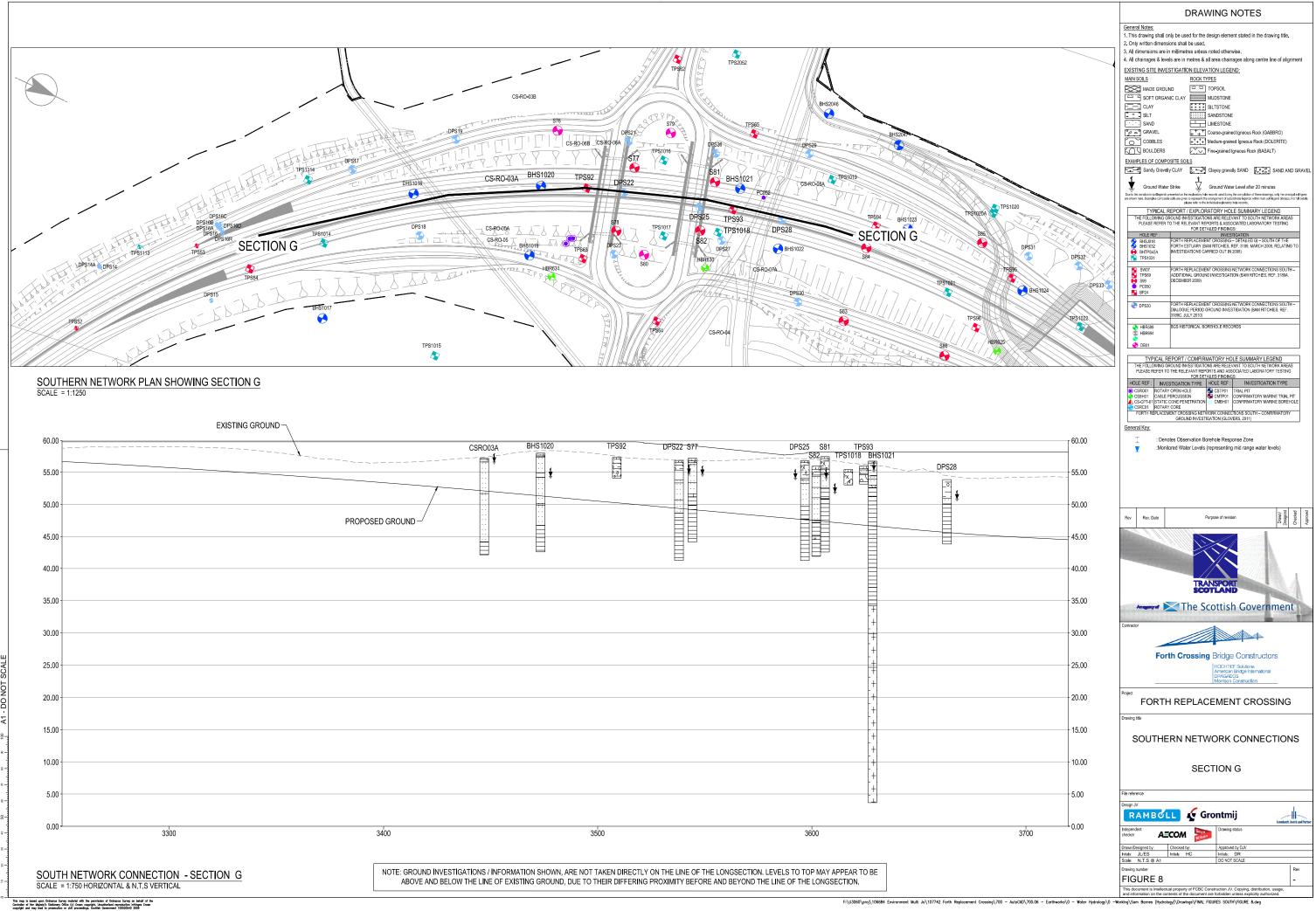
# SOUTHERN NETWORK PLAN SHOWING SECTION J SCALE = 1:1250



NOTE: GROUND INVESTIGATIONS / INFORMATION SHOWN, ARE NOT TAKEN DIRECTLY ON THE LINE OF THE LONGSECTION. LEVELS TO TOP MAY APPEAR TO BE ABOVE AND BELOW THE LINE OF EXISTING GROUND, DUE TO THEIR DIFFERING PROXIMITY BEFORE AND BEYOND THE LINE OF THE LONGSECTION.

	DRAWING NOTES					
	General Notes: 1. This drawing shall only be used for the design element stated in the drawing title, 2. Only written dimensions shall be used. 3. All dimensions are in milliments unless noted otherwise.					
	3. All dimensions are in millimetres unless noted otherwise,     4. All chainages & levels are in metres & all area chainages along centre line of alignment <u>EXISTING SITE INVESTIGATION LEEVATION LEGEND:</u> MAIN SOLS <u>ROCK TYPES</u>					
	MADE GROUND 프 TOPSOIL Soft ORGANIC CLAY 프 NUDSTONE F					
	SILT IIII SILT SILT IIIII SANDSTONE Constraints SAND IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
	COBBLES     +*+*+     Medium-grained Igneous Rock (DOLERITE)       BOULDERS     Image: State Sta					
	EXAMPLES OF COMPOSITE SOLLS       Sandy Gravelly CLAY       Ground Water Strike       Ground Water Strike       Ground Water Strike					
	Due to the wardson is soll legencia presented on the exploration by the records and during the completion of these densings, only the precided and species are shown here. Examples composed are given to respect the the anargument of abcord news by the main of the solution by the resords and the main of the solution by the resords and the main of the solution by the resords and the main of the solution by the resords and the main of the solution by the resords and the main of the solution by the resords and the resords and the solution by the resords and the solution by the resords and the solution by the resords and					
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	SINU					
P   P ] m	PORTH REPLACEMENT CROSSING NETWORK CONNECTIONS SOUTH – DIALOGUE PERIOD GROUND INVESTIGATION (BAM RITCHES, REF. 31890C, JULY 2010)					
	HBR399     BGS HISTORICAL BOREHOLE RECORDS     HBR994     DB01					
	TYPICAL REPORT / COMFIRMATORY HOLE SUMMARY LEGEND THE FOLLOWING GROUND INVESTIGATIONS ARE RELEVANT TO SOUTH NETWORK AREAS PLEASE REFER TO THE RELEVANT REPORTS AND ASSOCIATED LABORATORY TESTING FOR DETAILED FONDINGS.					
	HOLE REF: INVESTIGATION TYPE HOLE REF: INVESTIGATION TYPE © CSR001 ROTARY OPENHOLE © CSR001 ROTARY OPENHOLE © CSR001 ROTARY OPENHOLE © CSR001 ROTARY CORE FENETRATION © CSR001 ROTARY CORE FENETRATION CSR001 ROTARY CORE					
	FORTH REPLACEMENT CROSSING NETWORK CONNECTIONS SOUTH - CONFIRMATORY GROUND INVESTIGATION (GLOVERS, 2011) General Key:					
	<ul> <li>Denotes Observation Borehole Response Zone</li> <li>Monitored Water Levels (representing mid range water levels)</li> </ul>					
	Rev         Rev. Date         Purpose of revision         Purpose of revision         Purpose of revision					
	Contractor Contra					
	SOUTHERN NETWORK CONNECTIONS					
	SECTION J					
	Fle reference Design JV RAM B OLL & Grontmij					
	Independent AECOM Paving status					
	Drawn/Designed by:         Checked by:         Approved by OJV           Initial:         ULES         Initial:         DR           Scale:         N.T.S. @ A1         DO NOT SCALE         Drawing number					
	Her      Her     FIGURE 7     This document is intellectual property of FCBC Construction JV. Copyling, distribution, usage,					

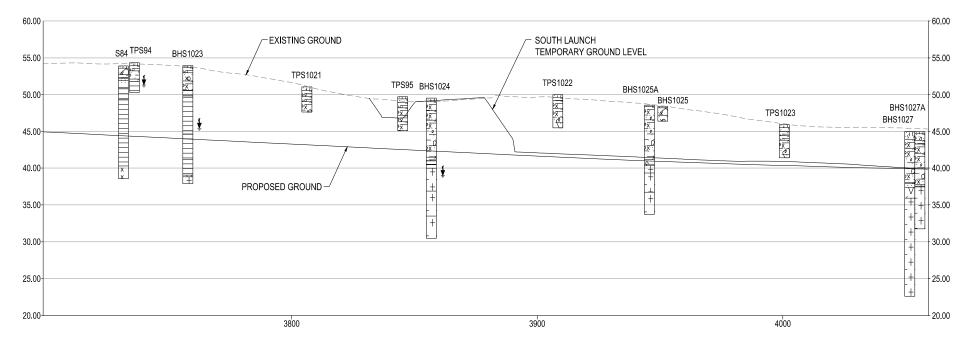
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### SOUTHERN NETWORK PLAN SHOWING SECTIONS K

SCALE = 1:1250

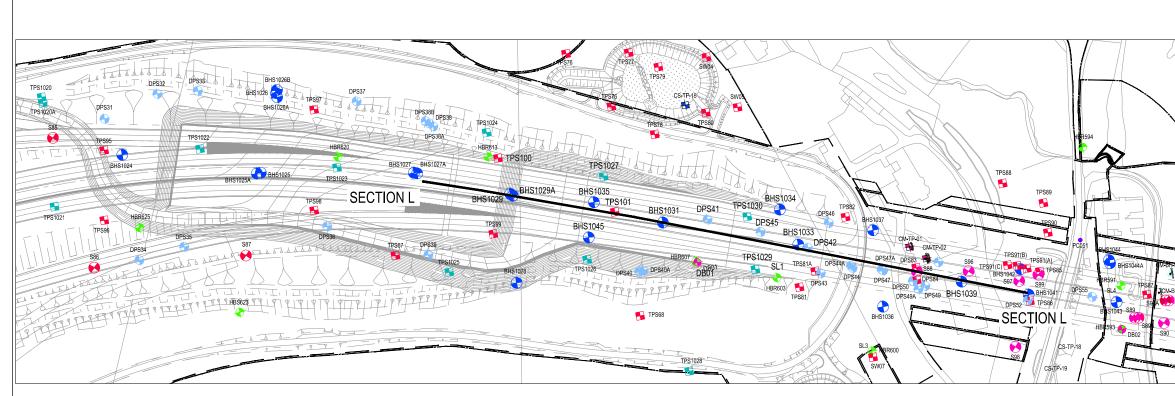


## SOUTH NETWORK CONNECTION - SECTION K

SCALE = 1:750 HORIZONTAL & N.T.S VERTICAL

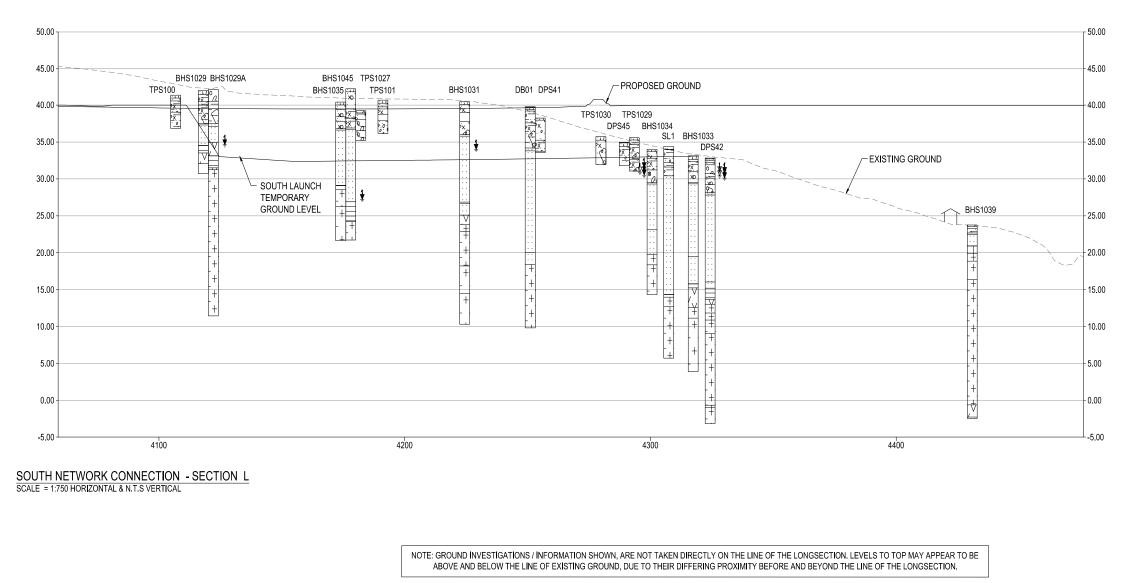
NOTE: GROUND INVESTIGATIONS / INFORMATION SHOWN, ARE NOT TAKEN DIRECTLY ON THE LINE OF THE LONGSECTION. LEVELS TO TOP MAY APPEAR TO BE ABOVE AND BELOW THE LINE OF EXISTING GROUND, DUE TO THEIR DIFFERING PROXIMITY BEFORE AND BEYOND THE LINE OF THE LONGSECTION.

		DRAW	NG NOTES				
	General Notes: 1. This drawing shall only be used for the design element stated in the drawing title. 2. Only written dimensions shall be used.						
		in millimetres unless not vels are in metres & all a	ed otherwise. ea chainages along centi	re line of alionment			
		ESTIGATION ELEVATIO					
	_	ROCK TYPE					
	3 MADE GRO 의 SOFT ORGA		DSTONE				
Ē							
	SAND	SAT	ESTONE				
	GRAVEL		rse-grained Igneous Rock (				
	COBBLES		ium-grained Igneous Rock ( -grained Igneous Rock (BA				
	PLES OF COMP			_			
<b>1</b> <b>1</b>	Sandy Grave	er Strike $\stackrel{1}{\underline{\nabla}}$ Gro	und Water Level after 20 m				
are shown	TYPICAL	itle sols are given to represent the arran please refer to the incluid REPORT / EXPLORAT	Is used during the compliation of these dis perment of subord nate legends within main all exploratory hole records. DRY HOLE SUMMARY L	EGEND			
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8	HOLE REF : BHSJ018 BHS1032 BHTPS43A TDS4021	FORTH REPLACEMENT C	INVESTIGATION ROSSING – DETAILED GI – SI ITCHIES, REF. 3189, MARCH 3	DUTH OF THE 2009, RELATING TO			
	TPS1031 SW07	FORTH REPLACEMENT C	ROSSING NETWORK CONNE	CTIONS SOUTH -			
	TPS69 S99 PC050 BP24	ADDITIONAL GROUND IN DECEMBER 2009)	VESTIGATION (BAM RITCHIES	5, REF. 3189A,			
¢	DPS30		ROSSING NETWORK CONNE IND INVESTIGATION (BAM RI				
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-	_	notes Observation Boreh					
	. Mon	itored Water Levels (rep	resenting mid range wate	r levels)			
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Rev	Rev. Date	Purpc	se of revision	Drawn/ Designed Checked Approved			
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#### SOUTHERN NETWORK PLAN SHOWING SECTIONS L SCALE = 1:1250





				DRAWI	NG NOTES	
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