712.76.08 RSPM/CM

Mr. Munro

3/3/89

Edward Mackay, Esq., Contractor, Rosslyn Yard, Brora.

Dear Sir,

## Sutherland Road, Dornoch

Further to my letter of the 2nd instant and to the meeting Mackay/ Munro of the 3rd instant I write to confirm that I have received the Water & Sewerage Department's Area Engineer's requirements for drainage on Sutherland Road and attach Drawing No. 301/2A marked up to show the revised drainage arrangement.

In summary the revisions are:-

- Move the proposed gully at chainage 24 RHS to chainage 30 RHS.
- 2. The proposed gullies at chainage 25 LHS, 30 RHS and 50 LHS may be alternatively connected to the existing sewer by saddle connection.
- 3. The proposed gullies at chainage 60 RHS, 79 and 80 RHS, 79 and 80 LHS and 96 RHS shall be connected to the proposed manhole at chainage 78 by the 150 dia carrier system shown on revised Drawing No. 301/2A.
- 4. The existing sewer between existing manholes at chainage 96 and 125 shall be exposed and protected with a 150 thick Class E concrete surround.
- 5. A new 100mm sewer with a 150mm concrete surround shall be installed from the existing invert of the manhole at chainge 125 to a new thrust block at chainage 150, depth to invert of 700mm, and returned into the adjacent field for a distance of 5m. The sewer pipes shall be supplied by the Department of Water & Sewerage.

6. The Water & Sewerage Department requires the existing water main to be extended from the existing toby at chainage 170 to the end of the work.

Please arrange to excavate a trench from chainage 170 to 250, 900mm below FRL, to allow the Department of Water & Sewerage to install their main in accordance with the usual practice.

Yours faithfully,

Divisional Engineer.

		Form Number EW/6
Variation Order	Distribution	
valiation Order	ContractorWhite	
	EmployerGold	Project Number
	EngineerGreen Cost Controller/EngineerPink	
	Representative underBlue	
	Clause 56(1)	Contract Number
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HIGHLAND REGIONAL COUNCIL Engineer's Name and Address Department of Roads & Transport		Project Title
SUTHERLAND DIVISIONAL OFFICE, BRORA		
M. H. Taylor, C Eng MICE MIMUNE MIHE		
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Divisional Engineer Contractor's Name and Address		Location
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Variation Order	Distribution         Contractor       Wh         Employer       Go         Engineer       Gre         Cost Controller/Engineer       Pi	Project Number
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Contractor's Name and Address		Location
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Form Number EW/6

Variation Order	<b>Distribution</b> Contractor	Designat Number	
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	Representative underE Clause 56(1)	Contract Number	
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		Form Number EW/6
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	EngineerGreen	Troject Number
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	Clause 56(1)	Contract Number
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Form Number EW/6

		Form Number EW/6
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Variation Order	Contractor Employer	Cold
	EngineerCost Controller/Engineer	Green Project Number
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	Clause 56(1)	Contract rannes
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Engineer's Name and Address	spartment of Roads & Transpare RLAND DIVISIONAL OFFICE,	
M. F	L Taylor, C.Eng. MICE MIMunE . 1912	SUREME
	Divisional Engineer	Location
Contractor's Name and Address		De avec
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Controller or Engineer	Engineer	

Variation Order	Distribution Contractor Employer Engineer Cost Controller/Engineer	GreenPink
	Representative under	Contract Number
Engineer's Name and Address COUNCIL Department of Roads & Transport SUTHERLAND DIVISIONAL OFFICE, BRO	<b>PRA</b>	Project Title
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Variation Order	<b>Distribution</b> Contractor	Form Number EW/6
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Contractor's Name and Address		Location
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Controller or Engineer	Engineer	