Mr. Munro

712.76.08 RSPM/CM

3/3/89

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

Dear Sir,

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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.
- 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./

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.

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Yours faithfully,

Divisional Engineer.

c.c. J.A. Moore, Area Engineer, Dept. of Water & Sewerage

	Variation Order	Distribution Contractor	Form Number EW/6 Project Number
	?	EngineerGreen Cost Controller/EngineerPink	
		Representative underBlue Clause 56(1)	Contract Number
	HIGHLAND REGIONAL COUNCIL Engineer's Name and Address Department of Roads & Transport SUTHERLAND DIVISIONAL OFFICE, BRORA M. H. Taylor, C Eng MICE MIMUNE MIHE		Project Title
	Divisional Engineer Contractor's Name and Aduress		Location
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	Order Number	Confirming Oral Instruction Number	(if applicable)
	Ordered by	(Engineer/Engineer's Representative)	
- -	Date of Issue		
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	(a) Assessed by the representative under	(c) Sanctioned by the Employer	(e) Recorded for back charging
	Clause 56(1) (b) Notified to the Cost Controller or Engineer	(d) Assessed by the Planning Engineer	

Variation Order	Distribution Contractor Employer Engineer	Gold
	Cost Controller/Engineer Representative under Clause 56(1)	Pink
Engineer's Name and Address		Project Title
Contractor's Name and Address	RECEA	
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Variation Order

	Form Number EW/6
Distribution Contractor	
EmployerGold	Project Number
EngineerGreen Cost Controller/EngineerPink	
Representative underBlue Clause 56(1)	Contract Number

Engineer's Hiama añd _' Address.		Project Title
Department of Roads & Trans SUTHERLAND DIVISIONAL OFFICE,	•	Spreens 64
M. H. Jaylor, C.Eng. MICE MIMun Contractor's Nam Divisional Ungineer		Location
EDWARD MACKAY		Derioc++
Drder Number	Confirming Oral Instruction Nun	nber(if applicable)
Ordered by	(Engineer/Engineer's Represe	ntative)
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	EmployerGo EngineerGree	en Project Number
	Cost Controller/EngineerPin Representative underBlue	nk
	Clause 56(1)	Contract Number
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SUTHERLAND DIVISIONAL OFFICE, BRORA		Location
Contractor STREAM of CEng MICE MIMunE MIHE Divisional Engineer		
EDWARD MARYAY		DORNOCH
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representative under Clause 56(1)	Employer	charging
(b) Notified to the Cost Controller or Engineer	(d) Assessed by the Planning Engineer	

Variation Order

		Form Number EW/6
Distribution	White	
Contractor Employer	Gold	Project Number
Engineer Cost Controller/Engineer	Green Pink	
Representative under Clause 56(1)		Contract Number
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Engineer's INSAID AND A COUNCIL Department of Roads & Transport SUTHERLAND DIVISIONAL OFFICE, BRORA M. H. Taylor, C.Eng. MICE MIMUNE MIHE Contractor's NarDavison A Congression		Project Title
FOWNED MACRAY RECOR		DORNOCH.
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Variation Order	Distribution	Afhita
	ContractorW Employer	Cold
	EngineerG	Green Project Number
	Cost Controller/Engineer	Pink
	Representative under Clause 56(1)	Blue Contract Number
Engineer's Name and Address HIG	HLAND REGIONAL COUNCIL	Project Title
Engineer's Name and Address	artment of Roads & Transport AND DIVISIONAL OFFICE,	
SUTHERL	AND DIVISIONAL OFFICE, Taylor, C.Eng. MICE MIMunE	Scherme
<i>M.</i> n.	Divisional Engineer	
Contractor's Name and Address		Location
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Variation Order

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Cost Controller/Engineer	Pink	
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Clause 56(1)		Contra
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Form Number EW/6

Project Number

Contract Number

Engineer's Name and Address COUNCI Department of Roads & Transpor	rt i i i i i i i i i i i i i i i i i i i	Project Title
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Divisional Engineer Contractor's Name and Address		Location
EDWARD HARRAN BOD		area
Order Number 2	Confirming Oral Instruction N	lumber(if applicable)
Ordered by	(Engineer/Engineer's Repre	sentative)
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Variation Order	Distribution ContractorWhite	Form Number EW/6
	EmployerGold	Project Number
	EngineerGreen Cost Controller/EngineerPink	
	Representative underBlue	Contract Number
	Clause 56(1)	
Engineer Senatment Address Transport		Project Title
SUTHERLAND DIVISIONAL OFFICE, BRORA		
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Contractor's Name and Address		Location
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representative under	Employer	charging
Clause 56(1)	(d) Assessed by the Planning	
Controller or Engineer	Engineer	

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