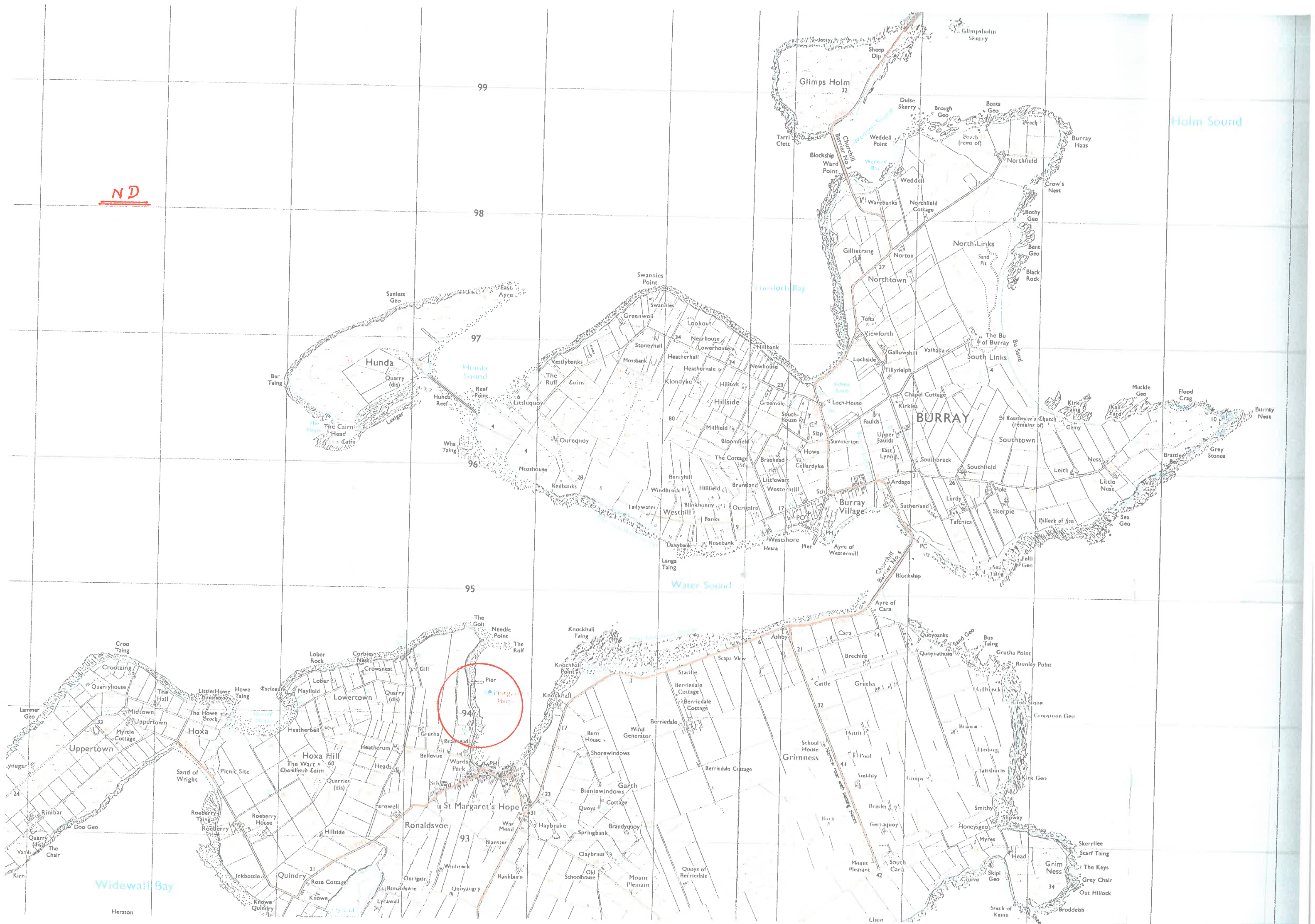
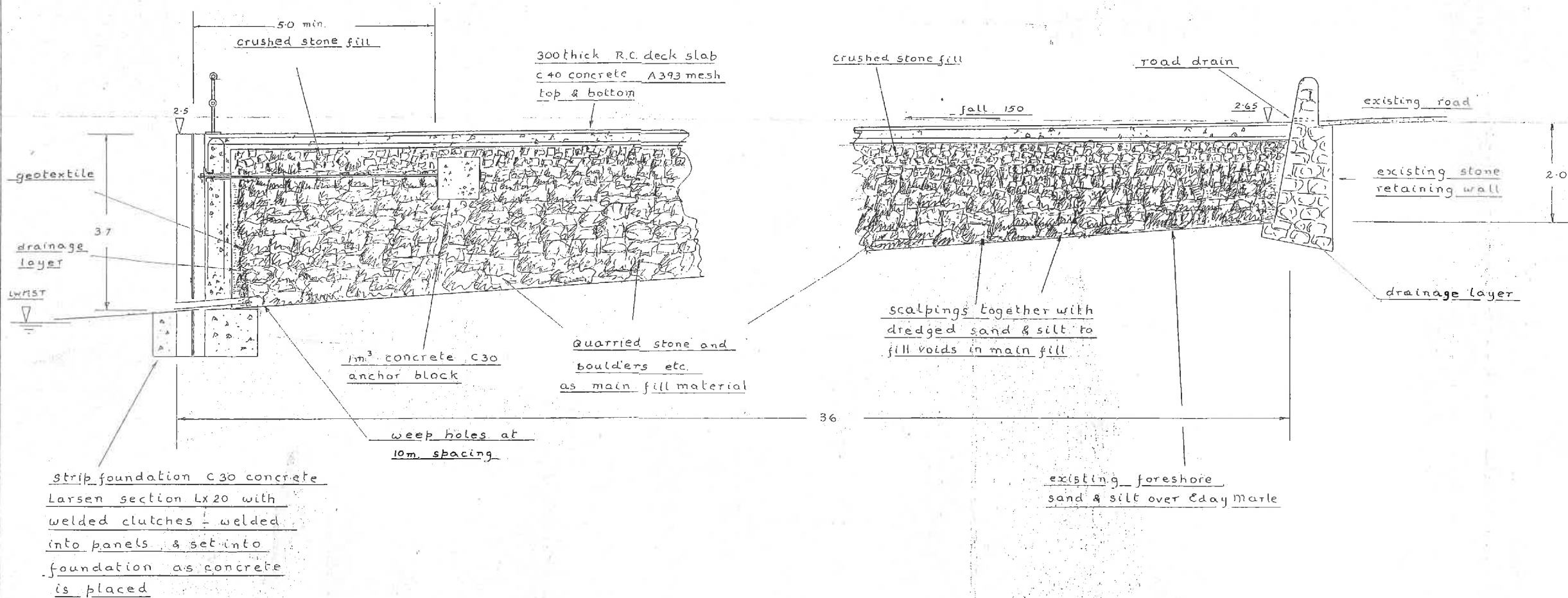
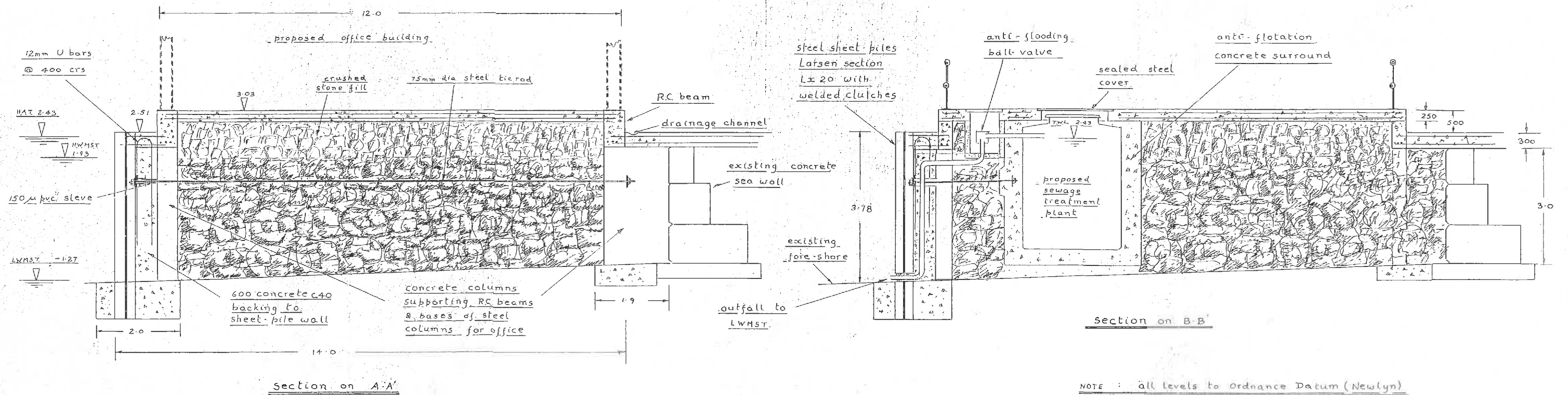




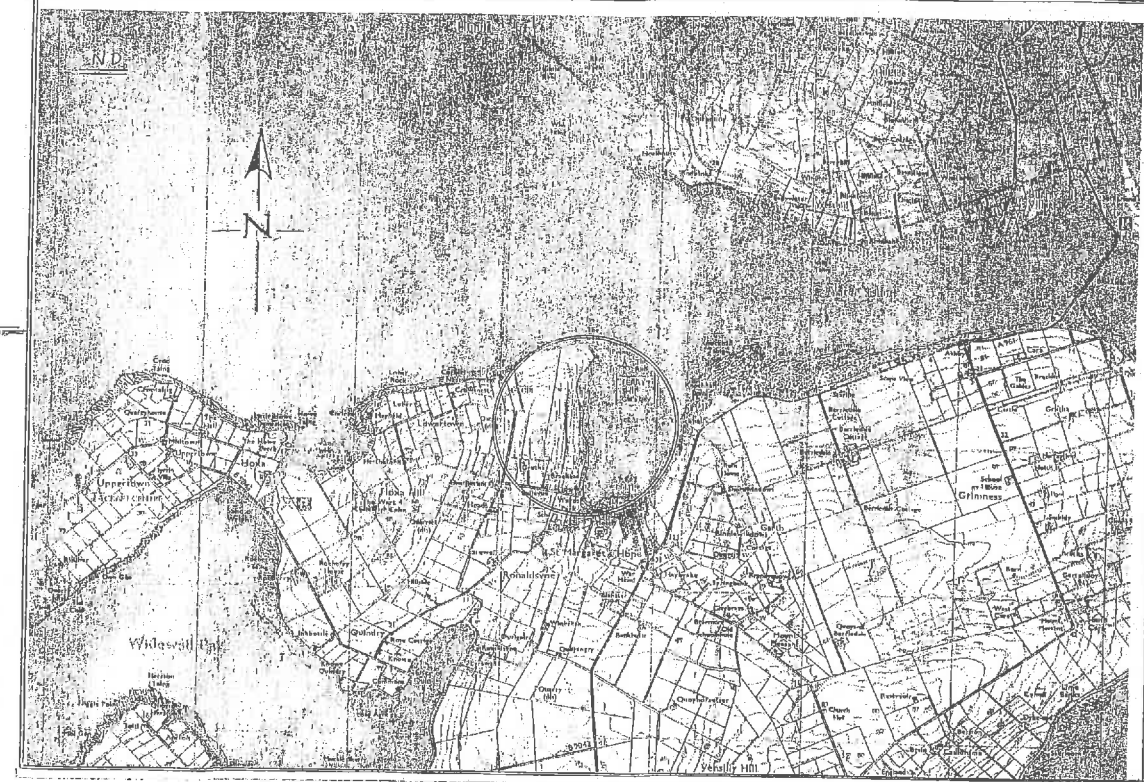


BRECK ENVIRONMENTAL CONSULTANCY SERVICES SUMMERHILL STRATHPEPPER, ROSS-SHIRE. IV14 9AZ Tel: 01997 420111	
CLIENT:	PENTLAND FERRIES ST. MARGARET'S HOPE, ORKNEY
TITLE:	ST. MARGARET'S HOPE FERRY TERMINAL PROPOSED FURTHER EXTENSION TO MARSHALLING AREA FOR FERRY TERMINAL. SECTIONS

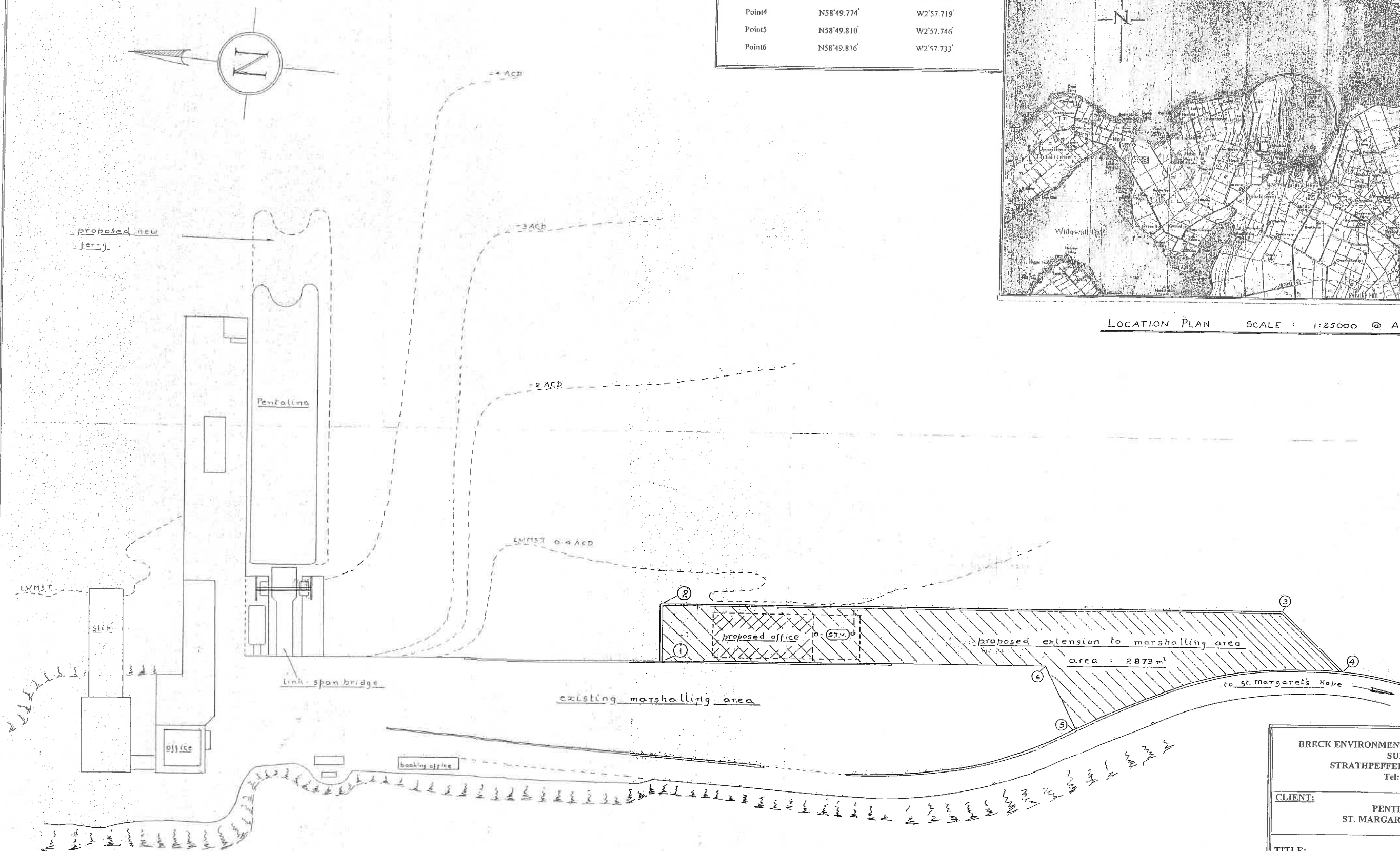
Redacted

Coordinates of points ① - ⑥

Point 1	N58°49.870'	W2°57.745'
Point 2	N58°49.871'	W2°57.730'
Point 3	N58°49.784'	W2°57.707'
Point 4	N58°49.774'	W2°57.719'
Point 5	N58°49.810'	W2°57.746'
Point 6	N58°49.816'	W2°57.733'



LOCATION PLAN SCALE : 1:25000 @ A1



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Tel: 01997 420111

CLIENT: PENTLAND FERRIES
ST. MARGARET'S HOPE, ORKNEY

TITLE: ST. MARGARET'S HOPE FERRY TERMINAL
PROPOSED FURTHER EXTENSION TO MARSHALLING AREA
FOR FERRY TERMINAL.
GENERAL LAYOUT and LOCATION PLAN

Redacted

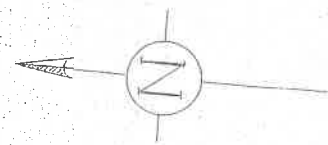


Diagram showing appropriate
tide levels. Not to scale
Tide levels shown to
Ordnance Datum (Newlyn)

1 in 200 year extreme
tide level 3.03

HAT 2.43

HLWS 1.93

proposed
office
fsl 3.03

TWL 2.43

proposed
sewage treatment
plant

highest ever observed
tide level 3.03

road 2.66

outfall

HLWS -1.27

LAT -1.97

mass concrete supports
under portal frame
legs for office building

steel sheet-pile wall
with 600 concrete backing

sewage treatment plant
with concrete surround

100 Ø 2 pvc sea outfall
to LWSST

160

proposed extension to marshalling area 2733m²

sheet-pile sea wall to be removed

75mm dia steel tie rods at 10m crs
with 1m³ anchor blocks

22

to St. Margaret's Hope

to ferry terminal

BRECK ENVIRONMENTAL CONSULTANCY SERVICES
SUMMERHILL
STRATHPEPPER, ROSS-SHIRE. IV14 9AZ
Tel: 01997 420111

CLIENT:

PENTLAND FERRIES
ST. MARGARET'S HOPE, ORKNEY

TITLE:

ST. MARGARET'S HOPE FERRY TERMINAL
PROPOSED FURTHER EXTENSION TO MARSHALLING AREA
FOR FERRY TERMINAL
DETAILED LAYOUT

Redacted