

LEGEND:

EXTENT OF EARTHWORKS	
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	
PERMANENT STREAM	
INTERMITTENT STREAM	
EXISTING WETLAND (TO BE PROTECTED)	
MAPPED SEA/ONF (BY ECOLOGIST)	
PROPOSED BRIDGE LOCATION	

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
 610 & 697 MURIWAI ROAD
 MURIWAI VALLEY**

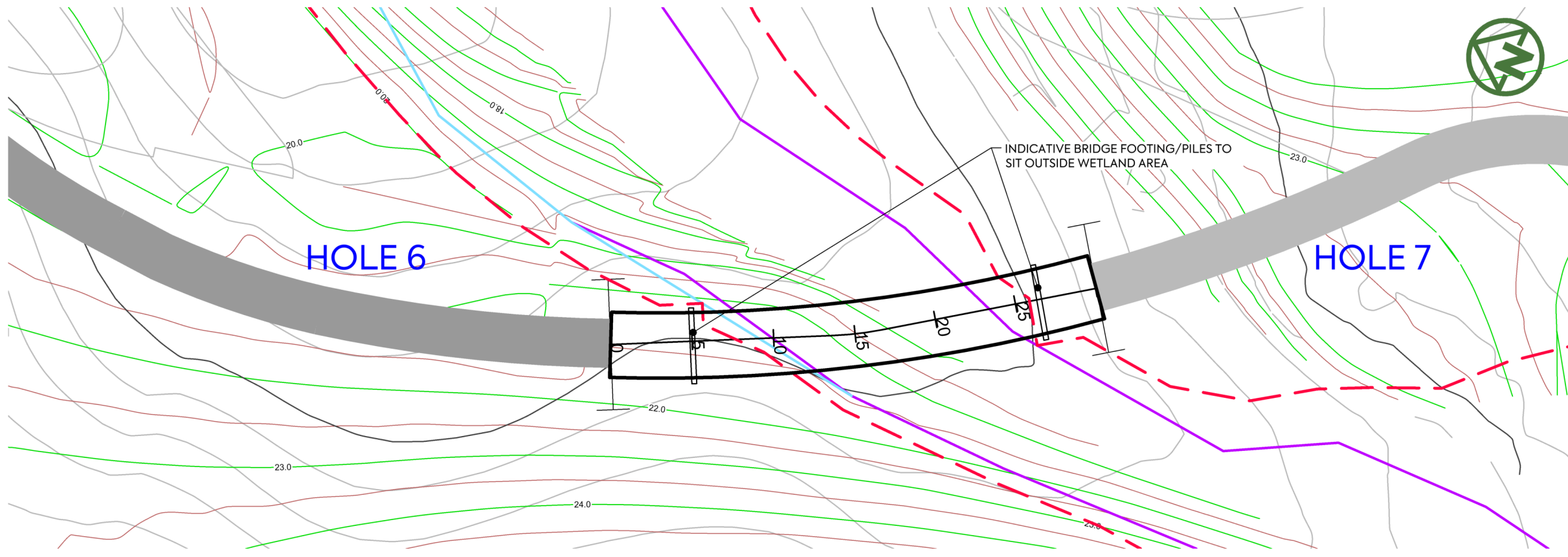
TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
 OVERALL PLAN**

PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:7500 @ A3

DO NOT SCALE

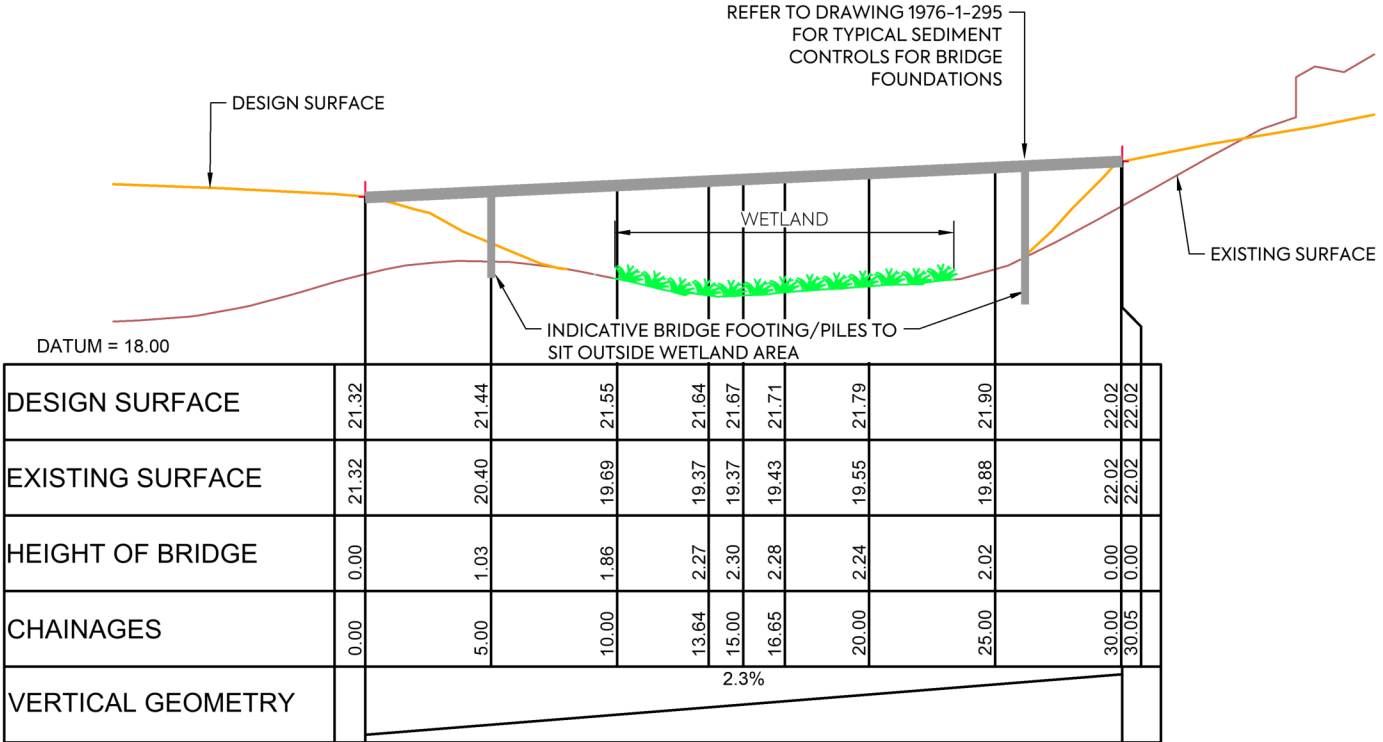
DRAWING NO. **1976-1-280** REV: **D**



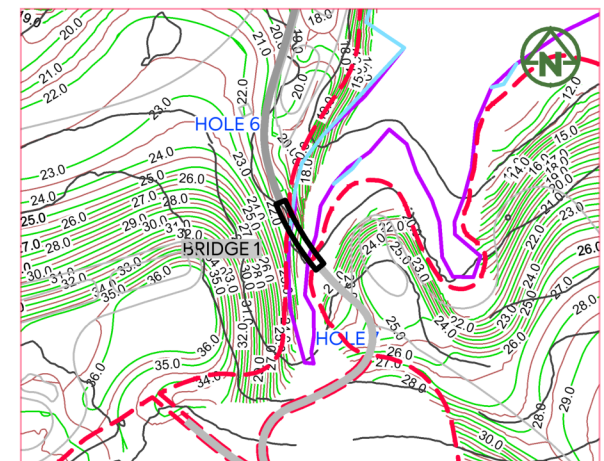
BRIDGE 1 - LAYOUT PLAN
SCALE=1:300

HOLE 6

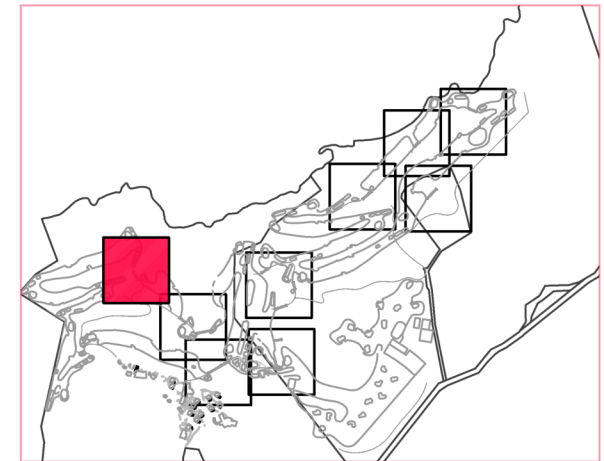
HOLE 7



BRIDGE 1 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 1 HOLE 6/7
SHEET 1**

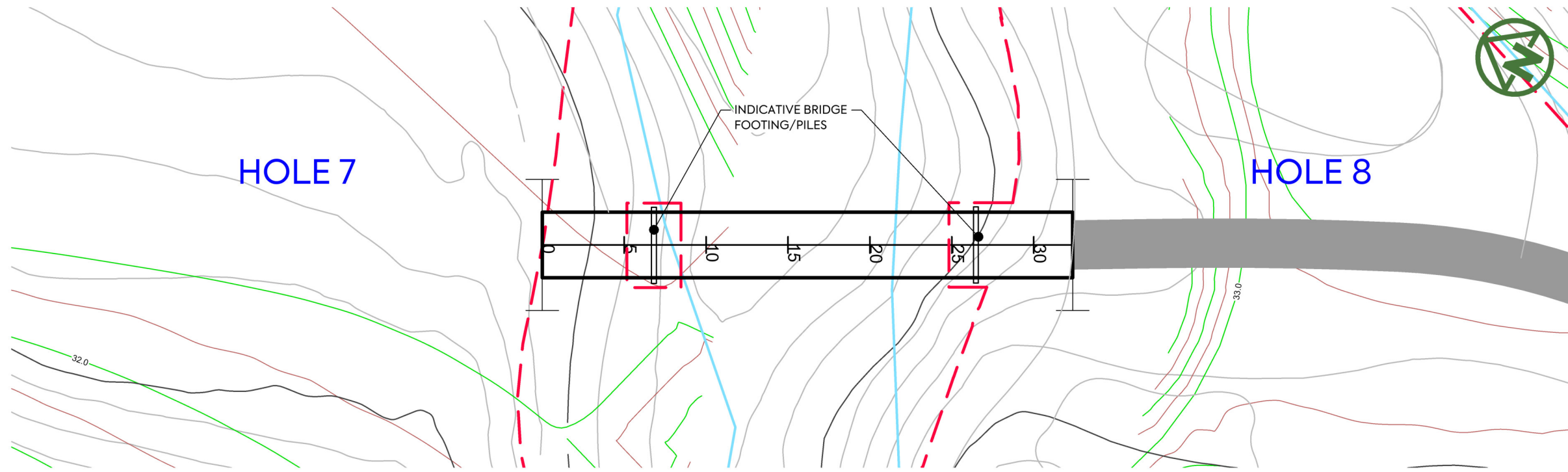
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:300 @ A3

DO NOT SCALE

DRAWING NO.:
1976-1-281

REV:
D

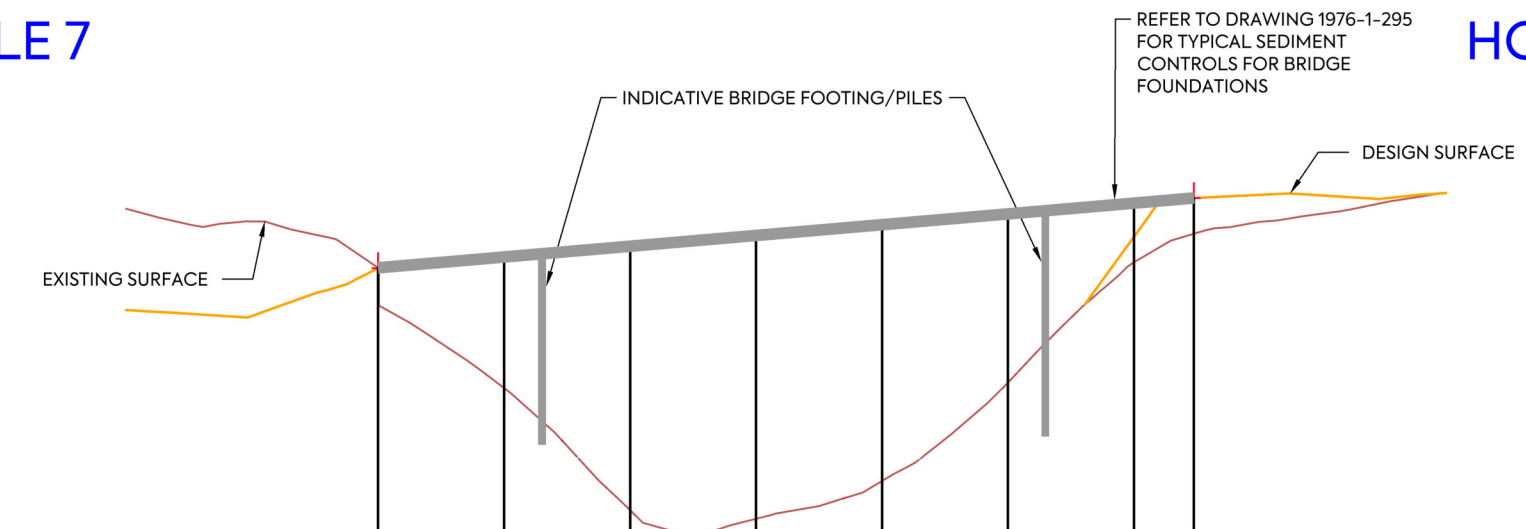


LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

BRIDGE 2 - LAYOUT PLAN
SCALE=1:300

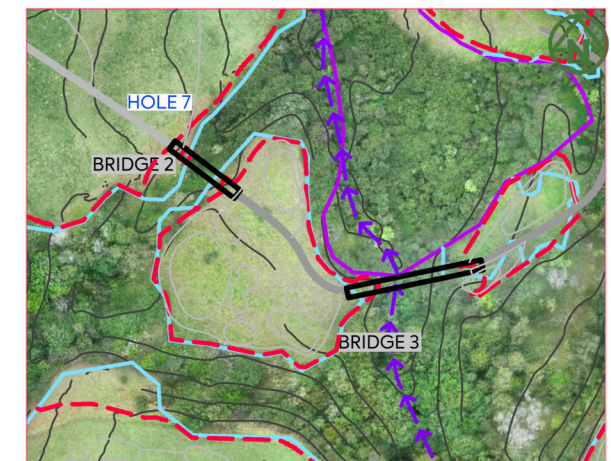
HOLE 7 **HOLE 8**



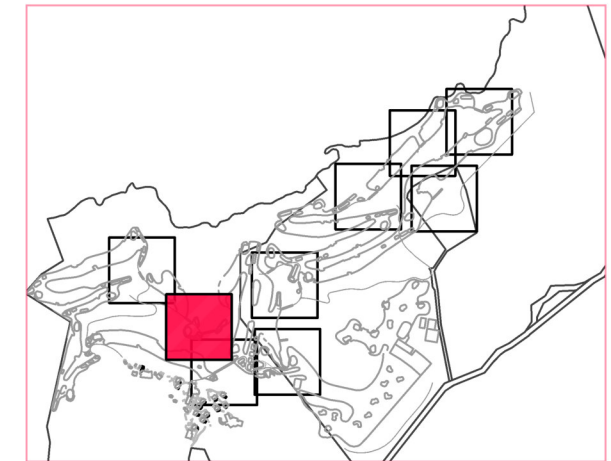
DATUM = 25.00

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EXISTING SURFACE	31.63	29.25	26.83	26.66	27.41	29.36	32.25	33.02
HEIGHT OF BRIDGE	0.00	2.59	5.23	5.62	5.08	3.34	0.66	0.00
CHAINAGES	0.00	5.00	10.00	15.00	20.00	25.00	30.00	32.38
VERTICAL GEOMETRY	4.3%							

BRIDGE 2 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1

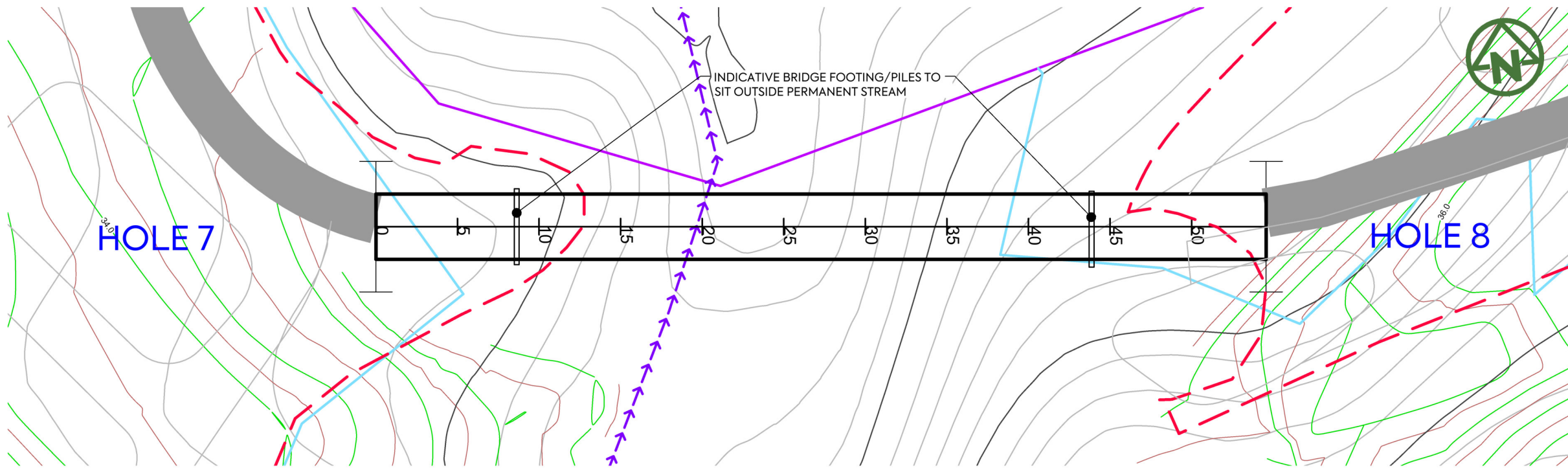


BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

<p>CLIENT:</p> <p>THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT:</p> <p>PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE:</p> <p>PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 2 HOLE 7/8 SHEET 2</p>	<p>PURPOSE OF ISSUE:</p> <p>FOR CONSENT</p> <p>SCALE: 1:300 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-1-282</p> <p>REV: D</p>																														
<table border="1" style="font-size: small;"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DRN BY</th> <th>CHK BY</th> <th>APP BY</th> <th>DATE</th> </tr> <tr> <td>D</td> <td>S92 RESPONSE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>04/03/22</td> </tr> <tr> <td>C</td> <td>ISSUED FOR CONSENT</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/11/21</td> </tr> <tr> <td>B</td> <td>SECOND ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>02/11/21</td> </tr> <tr> <td>A</td> <td>FIRST ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/08/21</td> </tr> </table>	REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE	D	S92 RESPONSE	MO	CIM	JSD	04/03/22	C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21	B	SECOND ISSUE	MO	CIM	JSD	02/11/21	A	FIRST ISSUE	MO	CIM	JSD	26/08/21			
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE																												
D	S92 RESPONSE	MO	CIM	JSD	04/03/22																												
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																												
B	SECOND ISSUE	MO	CIM	JSD	02/11/21																												
A	FIRST ISSUE	MO	CIM	JSD	26/08/21																												



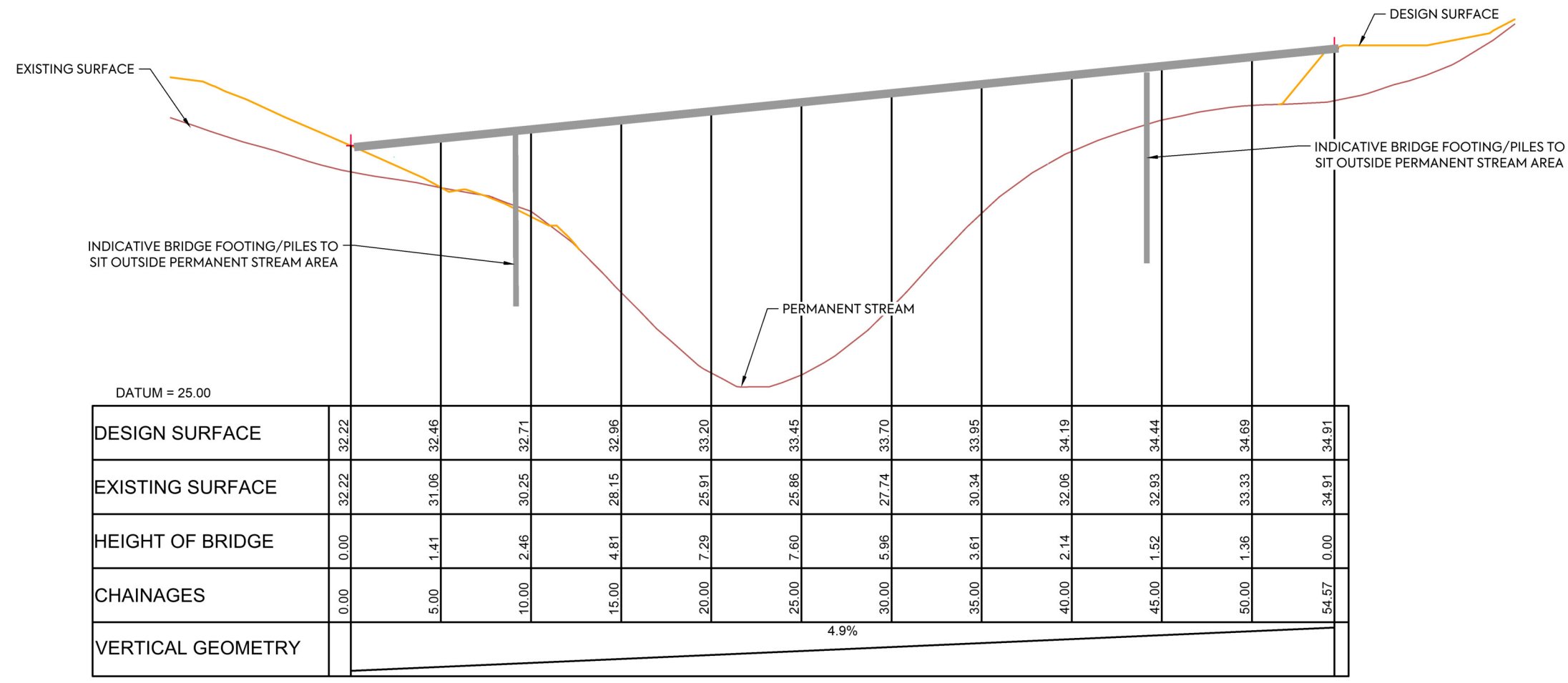
LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	█
MAPPED SEA/ONF (BY ECOLOGIST)	█
PROPOSED BRIDGE LOCATION	█

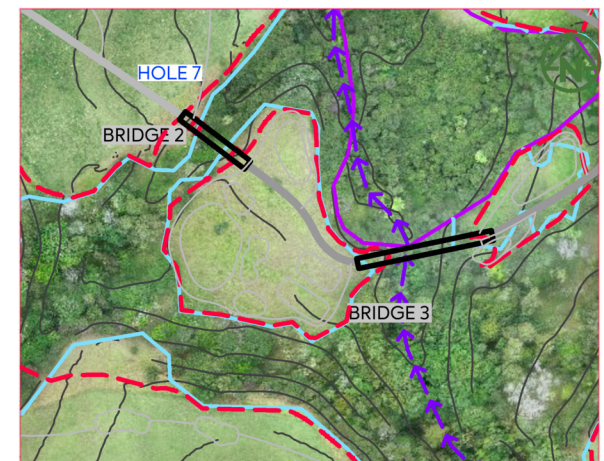
HOLE 7

BRIDGE 3 - LAYOUT PLAN
SCALE=1:300

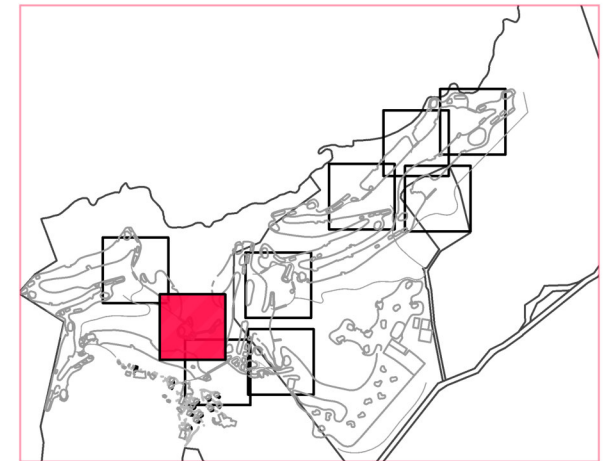
HOLE 8



BRIDGE 3 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1

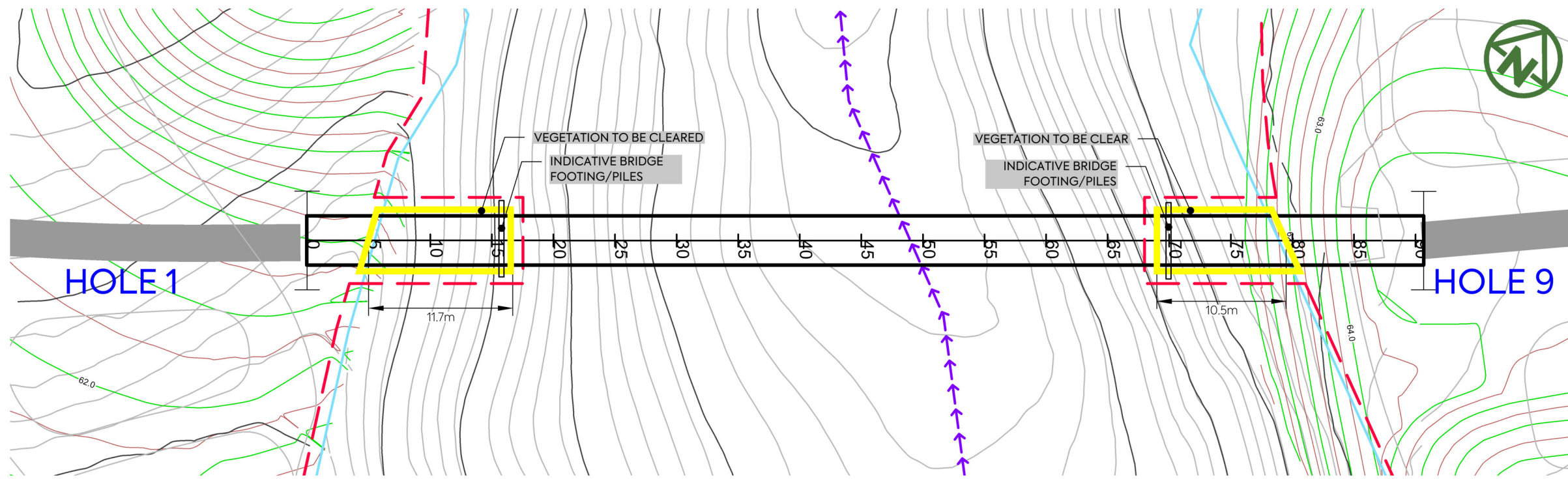


BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

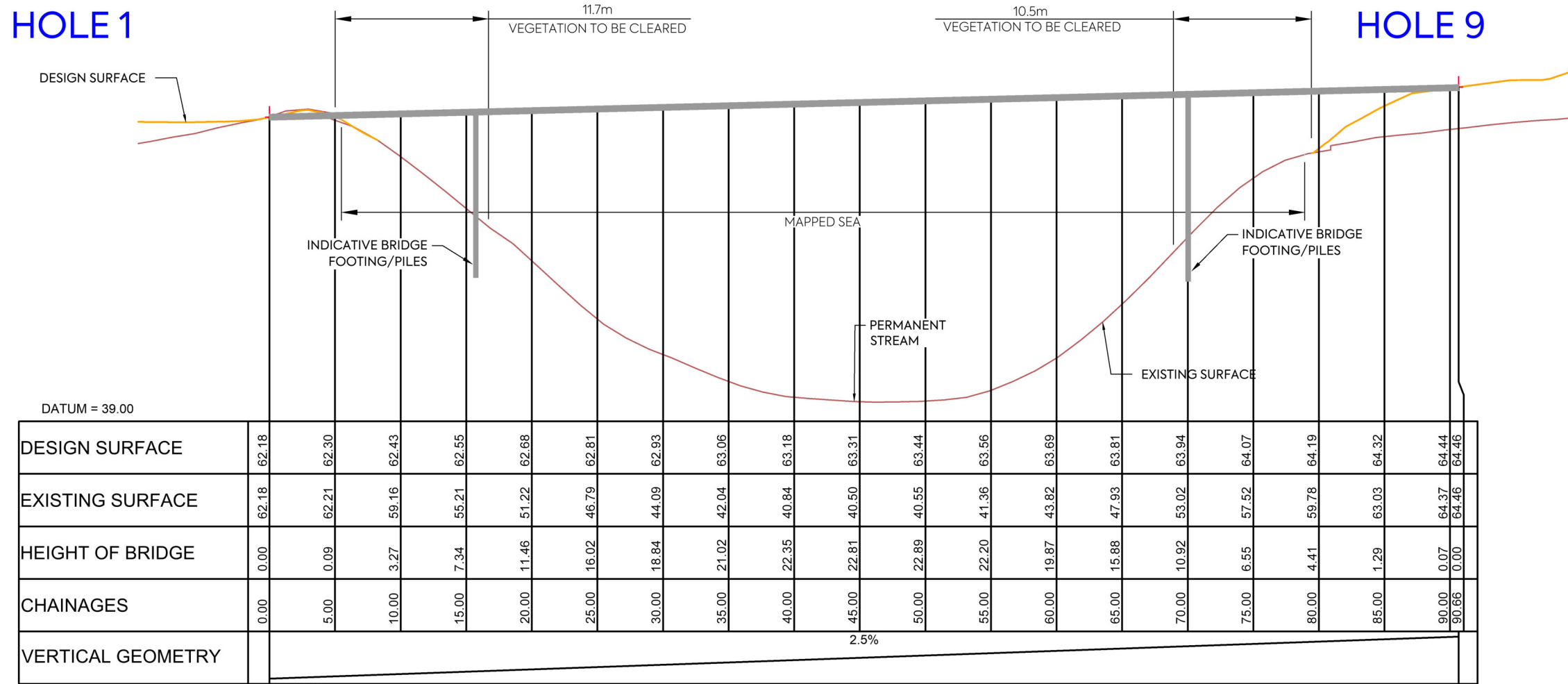
<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p> <p>PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p> <p>TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 3 HOLE 7/8 SHEET 3</p> <p>PURPOSE OF ISSUE: FOR CONSENT</p> <p>SCALE: 1:300 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-1-283</p> <p>REV: D</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: 8px;"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DRN BY</th> <th>CHK BY</th> <th>APP BY</th> <th>DATE</th> </tr> <tr> <td>D</td> <td>S92 RESPONSE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>04/03/22</td> </tr> <tr> <td>C</td> <td>ISSUED FOR CONSENT</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/11/21</td> </tr> <tr> <td>B</td> <td>SECOND ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>02/11/21</td> </tr> <tr> <td>A</td> <td>FIRST ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/08/21</td> </tr> </table>	REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE	D	S92 RESPONSE	MO	CIM	JSD	04/03/22	C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21	B	SECOND ISSUE	MO	CIM	JSD	02/11/21	A	FIRST ISSUE	MO	CIM	JSD	26/08/21	<p>REVISIONS:</p> <p>MO CIM JSD 04/03/22</p> <p>MO CIM JSD 26/11/21</p> <p>MO CIM JSD 02/11/21</p> <p>MO CIM JSD 26/08/21</p>
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE																												
D	S92 RESPONSE	MO	CIM	JSD	04/03/22																												
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																												
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A	FIRST ISSUE	MO	CIM	JSD	26/08/21																												



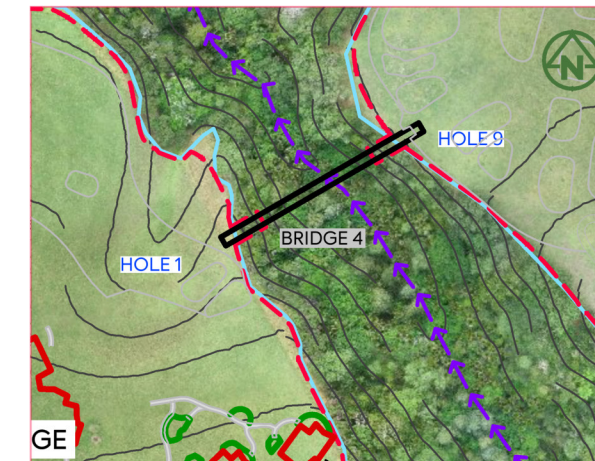
LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

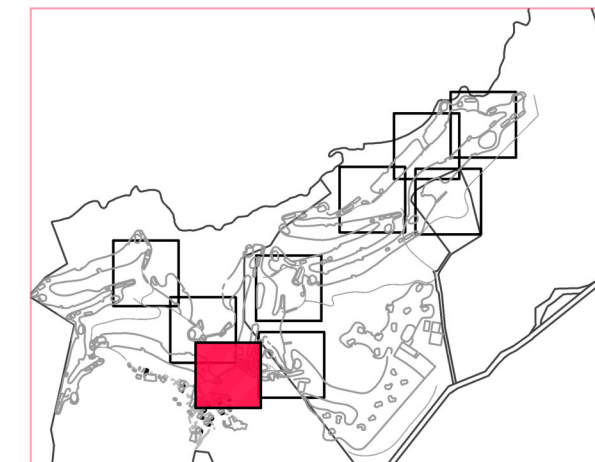
BRIDGE 4-LAYOUT PLAN
SCALE=1:400



BRIDGE 4 - LONGITUDINAL SECTION
SCALE HORIZ=1:200 @ A1 VERT=1:200 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

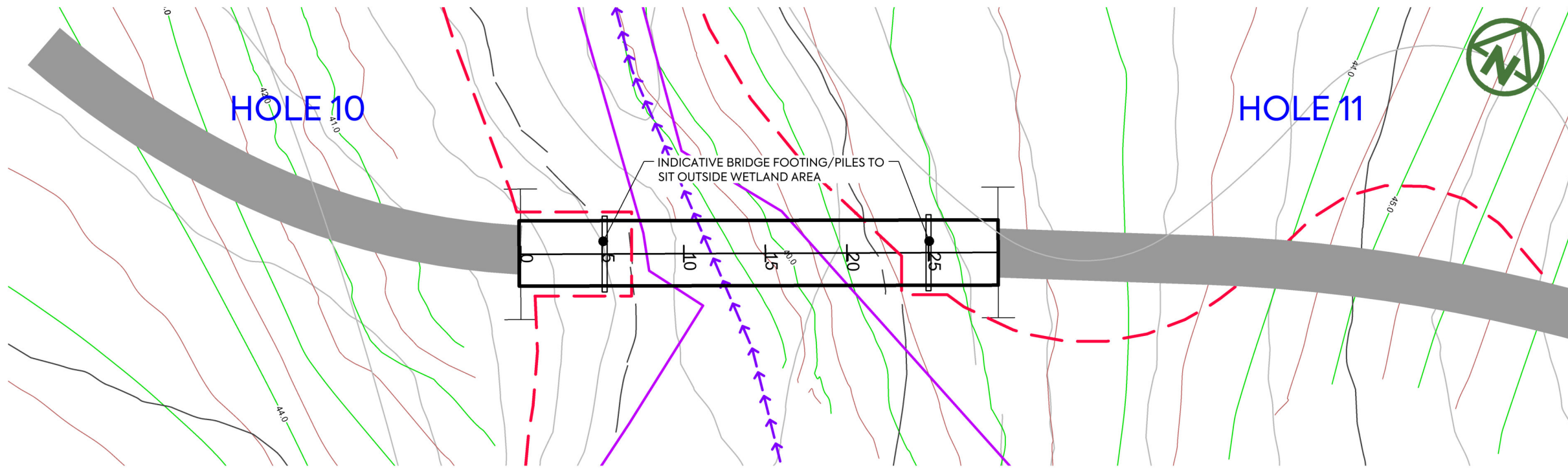
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD
 PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
 610 & 697 MURIWAI ROAD
 MURIWAI VALLEY

TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
 BRIDGE 4 HOLE 1/9
 SHEET 4

PURPOSE OF ISSUE: FOR CONSENT
 SCALE: 1:400 @ A3
 DO NOT SCALE
 DRAWING NO: 1976-1-284
 REV: D

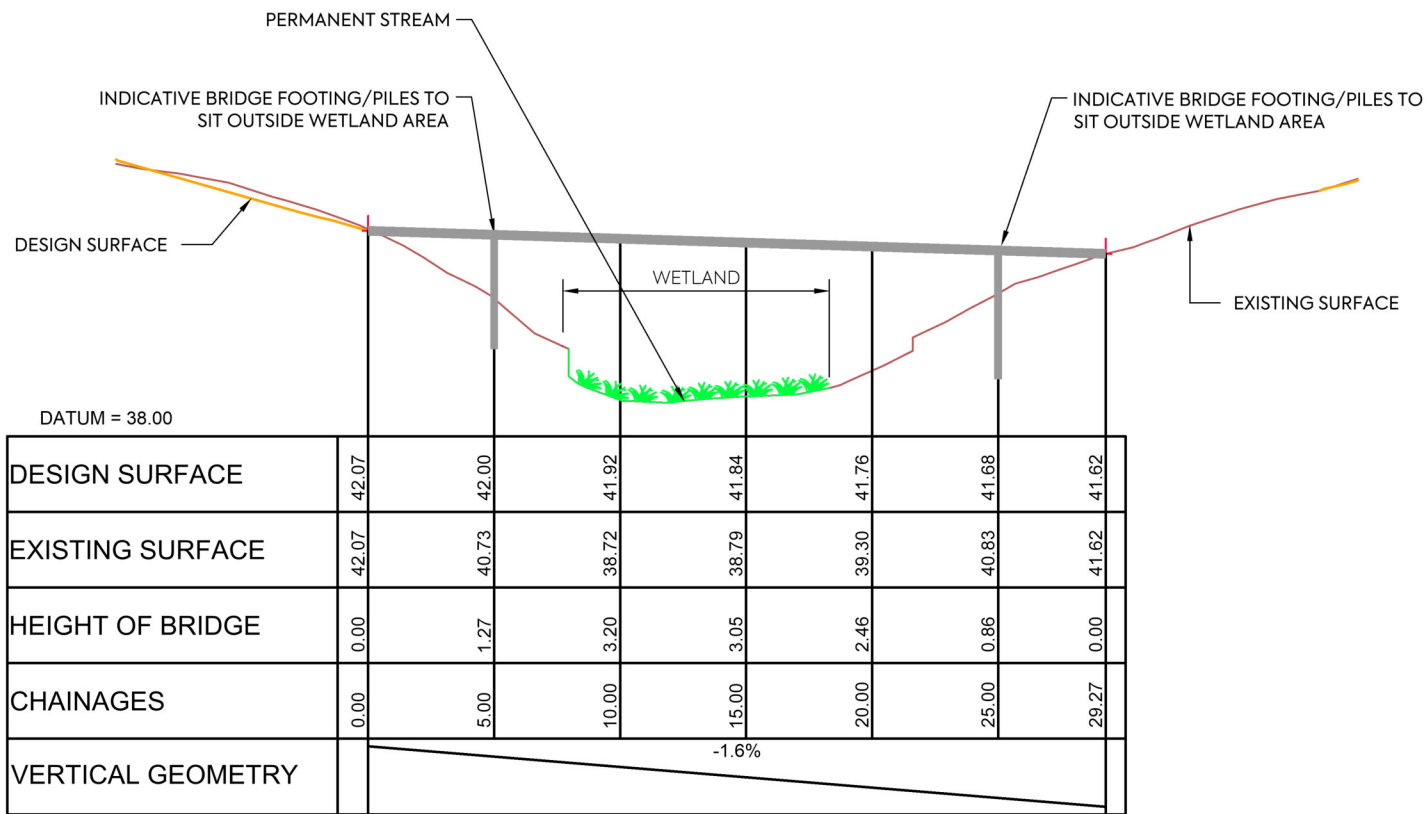


LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

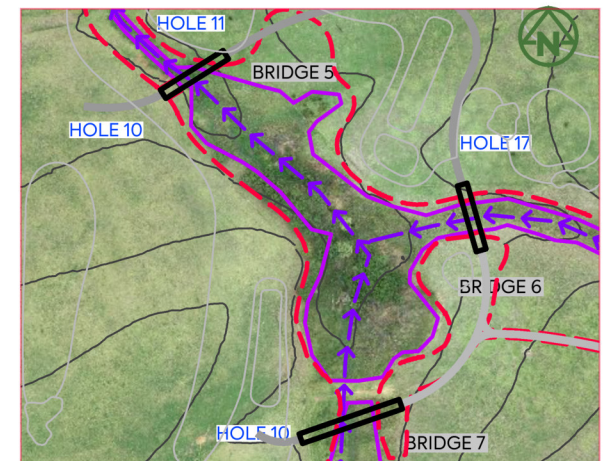
BRIDGE 5 - LAYOUT PLAN
SCALE=1:300

HOLE 10

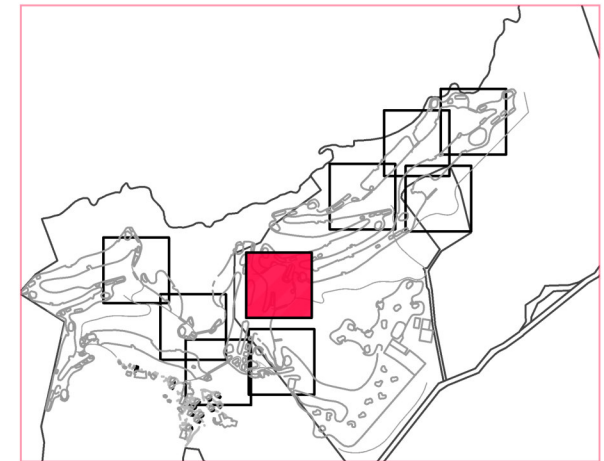


BRIDGE 5 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1

HOLE 11

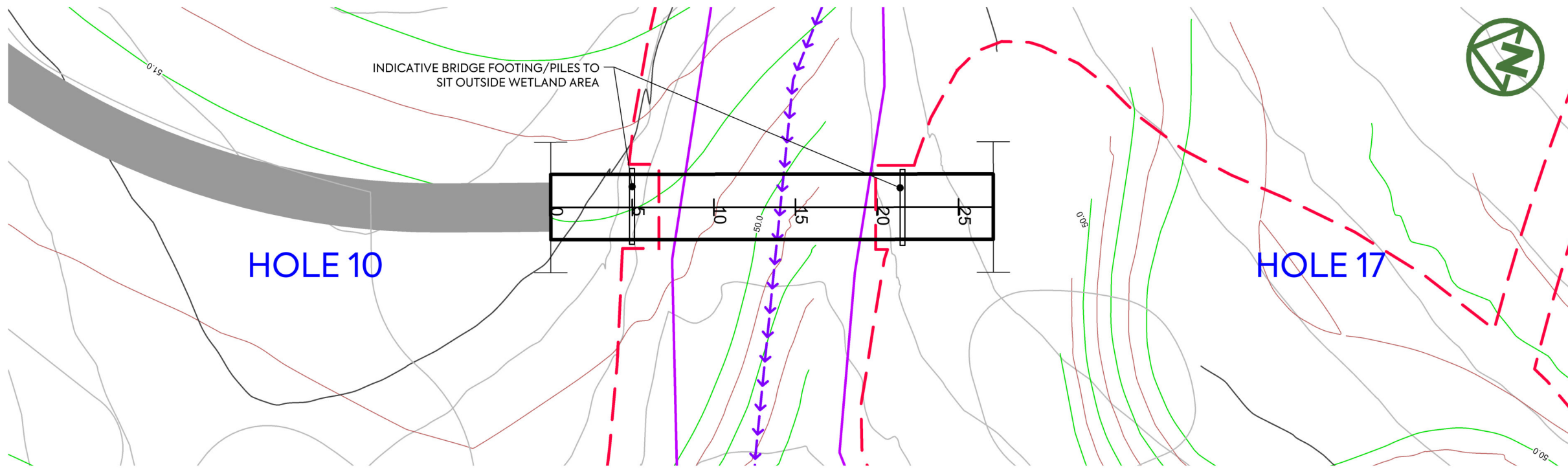


BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

	<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 5 HOLE 10/11 SHEET 5</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p>
<p>D S92 RESPONSE MO CIM JSD 04/03/22</p> <p>C ISSUED FOR CONSENT MO CIM JSD 26/11/21</p> <p>B SECOND ISSUE MO CIM JSD 02/11/21</p> <p>A FIRST ISSUE MO CIM JSD 26/08/21</p>				
<p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p>				<p>SCALE: 1:300 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-1-285 REV: D</p>



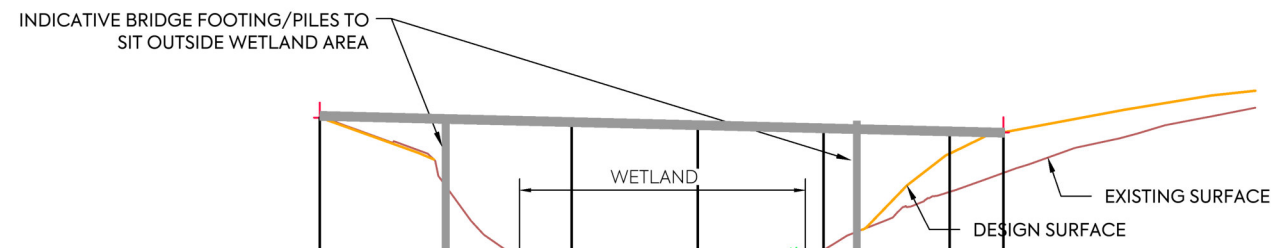
LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

BRIDGE 6 - LAYOUT PLAN
SCALE=1:300

HOLE 10

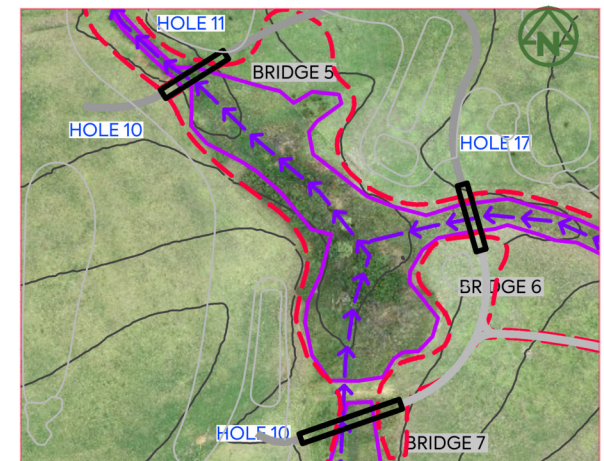
HOLE 17



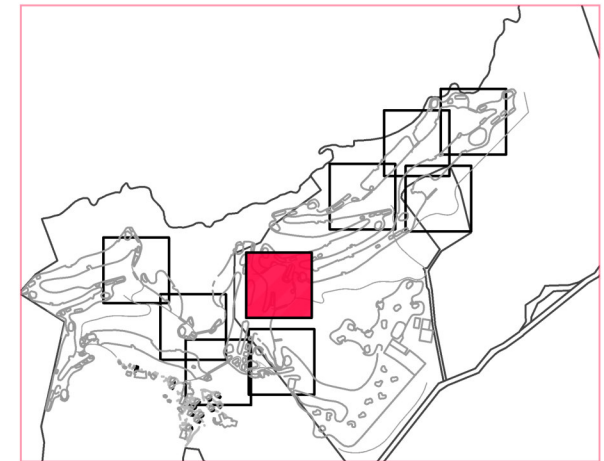
DATUM = 46.00

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EXISTING SURFACE	50.34	48.99	47.30	47.27	47.72	49.63	50.05
HEIGHT OF BRIDGE	0.00	1.30	2.93	2.91	2.41	0.44	-0.00
CHAINAGES	0.00	5.00	10.00	15.00	20.00	25.00	27.13
VERTICAL GEOMETRY	-1.1%						

BRIDGE 6 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 6 HOLE 17/18
SHEET 6**

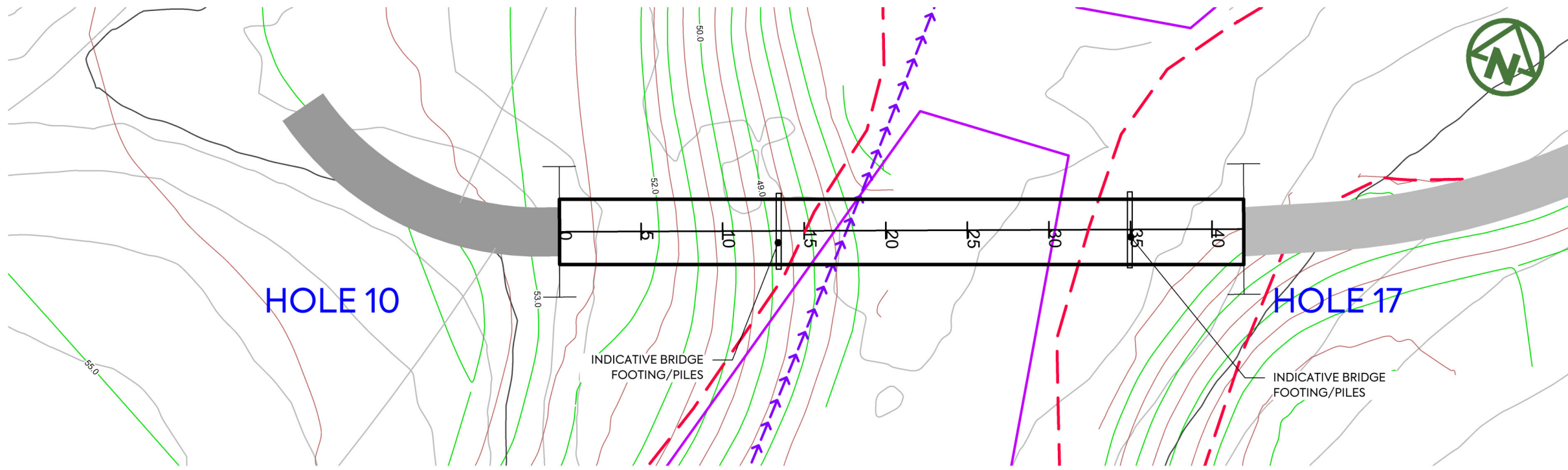
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:300 @ A3

DO NOT SCALE

DRAWING NO.: **1976-1-286**

REV: **D**



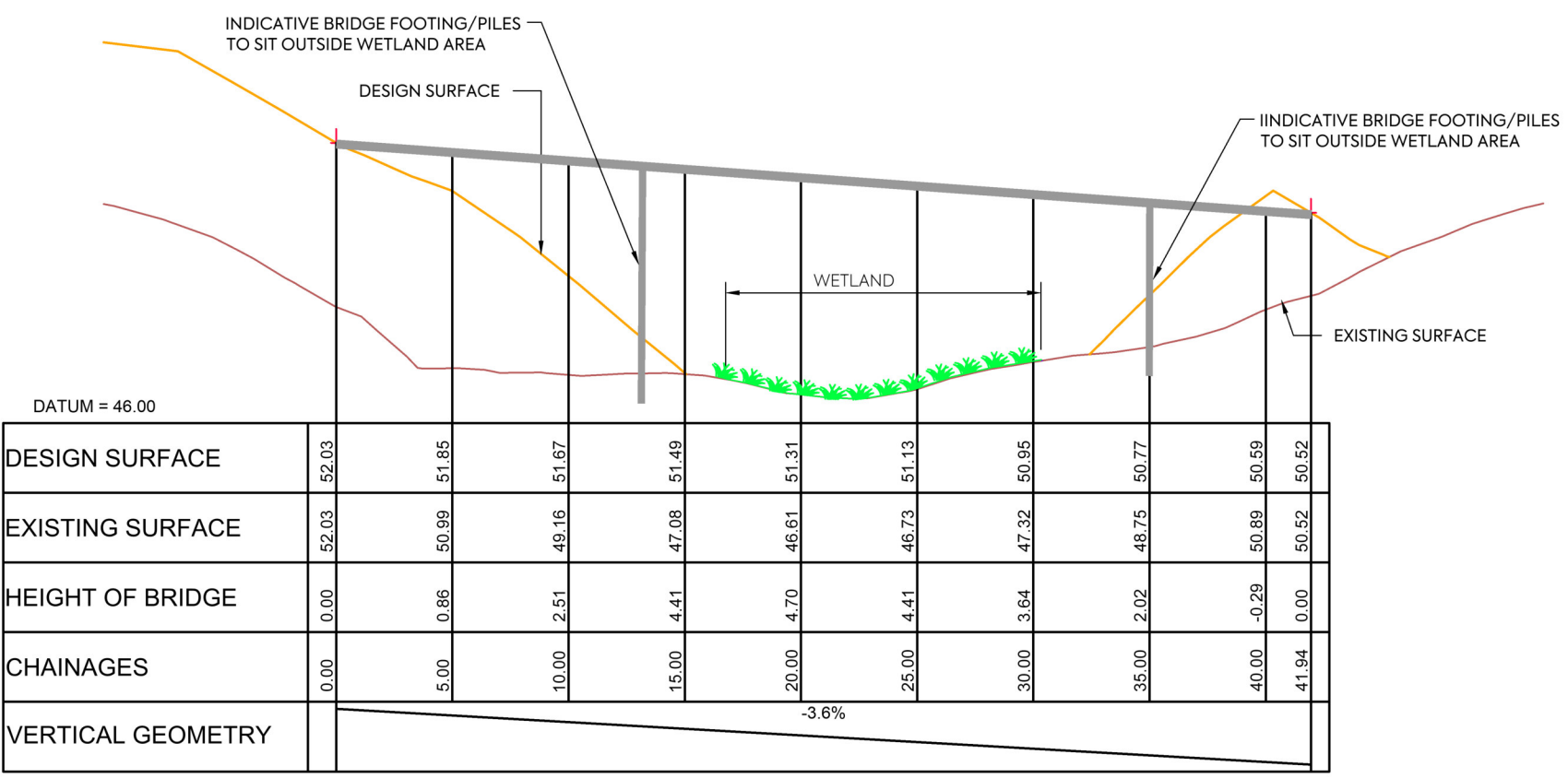
LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

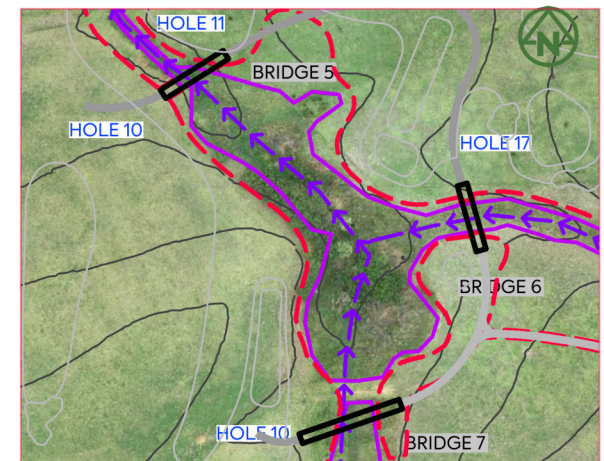
BRIDGE 7 - LAYOUT PLAN
SCALE=1:300

HOLE 10

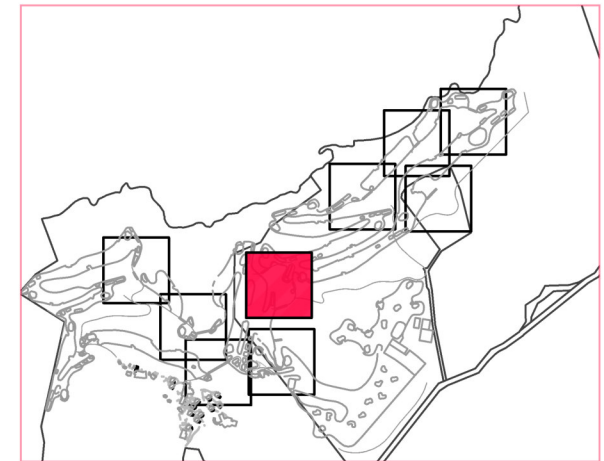
HOLE 17



BRIDGE 7 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1

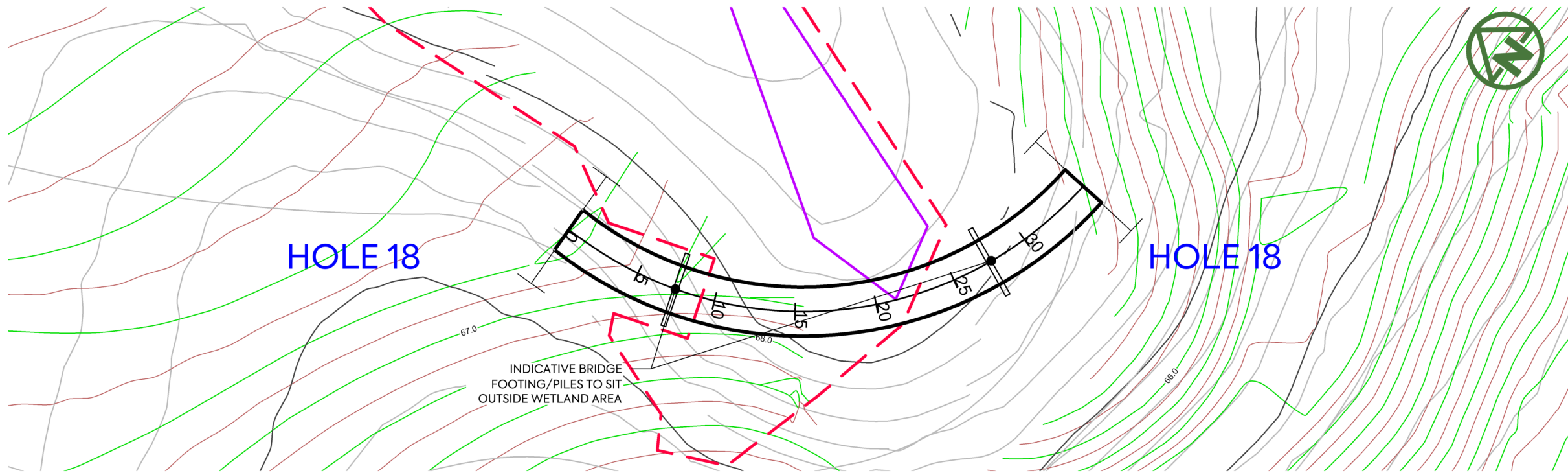


BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

		CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD	PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY	TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 7 HOLE 17/18 SHEET 7	PURPOSE OF ISSUE: FOR CONSENT
D S92 RESPONSE C ISSUED FOR CONSENT B SECOND ISSUE A FIRST ISSUE	MO CIM JSD 04/03/22 MO CIM JSD 26/11/21 MO CIM JSD 02/11/21 MO CIM JSD 26/08/21				SCALE: 1:300 @ A3 DO NOT SCALE DRAWING NO: 1976-1-287 REV: D

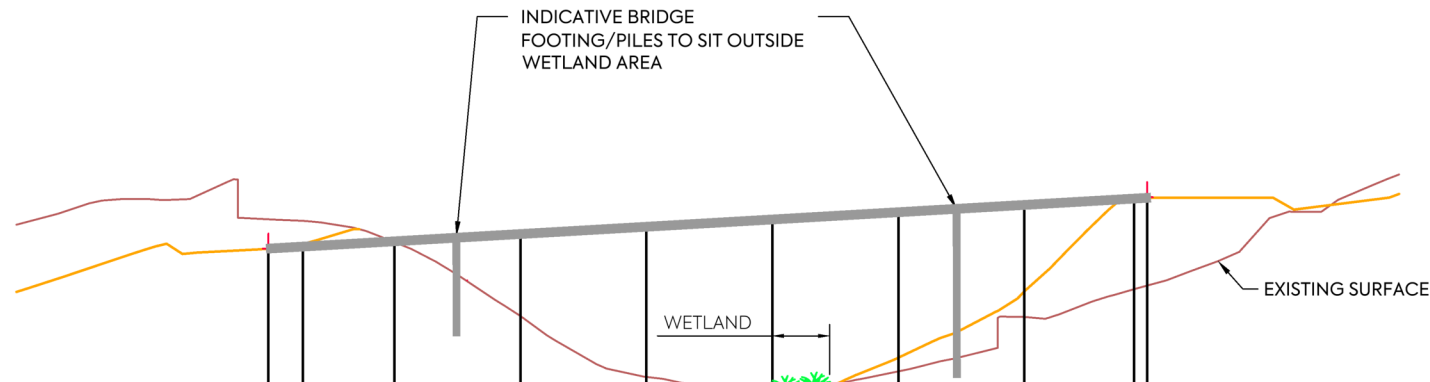


LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

BRIDGE 8 - LAYOUT PLAN
SCALE=1:300

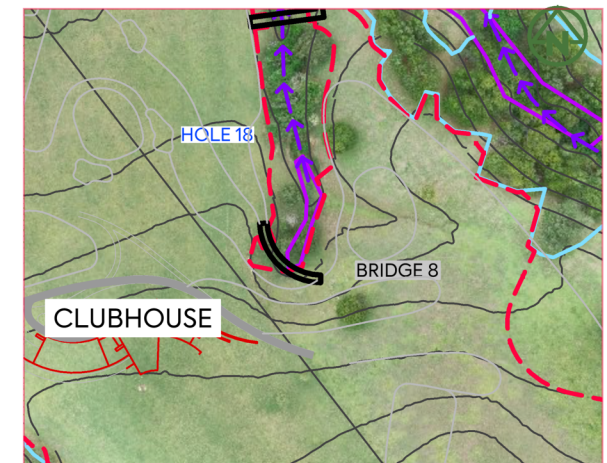
HOLE 18



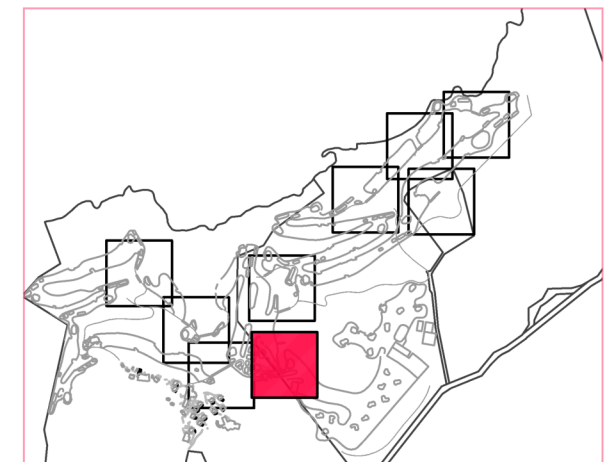
DATUM = 63.00

DESIGN SURFACE	66.99	67.03	67.13	67.28	67.43	67.57	67.72	67.86	67.99	68.01
EXISTING SURFACE	66.99	67.08	67.14	65.65	64.46	64.14	64.85	66.14	68.03	68.01
HEIGHT OF BRIDGE	0.00	-0.05	-0.01	1.63	2.97	3.43	2.87	1.72	-0.04	0.00
CHAINAGES	0.00	1.36	5.00	10.00	15.00	20.00	25.00	30.00	34.35	34.87
VERTICAL GEOMETRY	2.9%									

BRIDGE 8 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



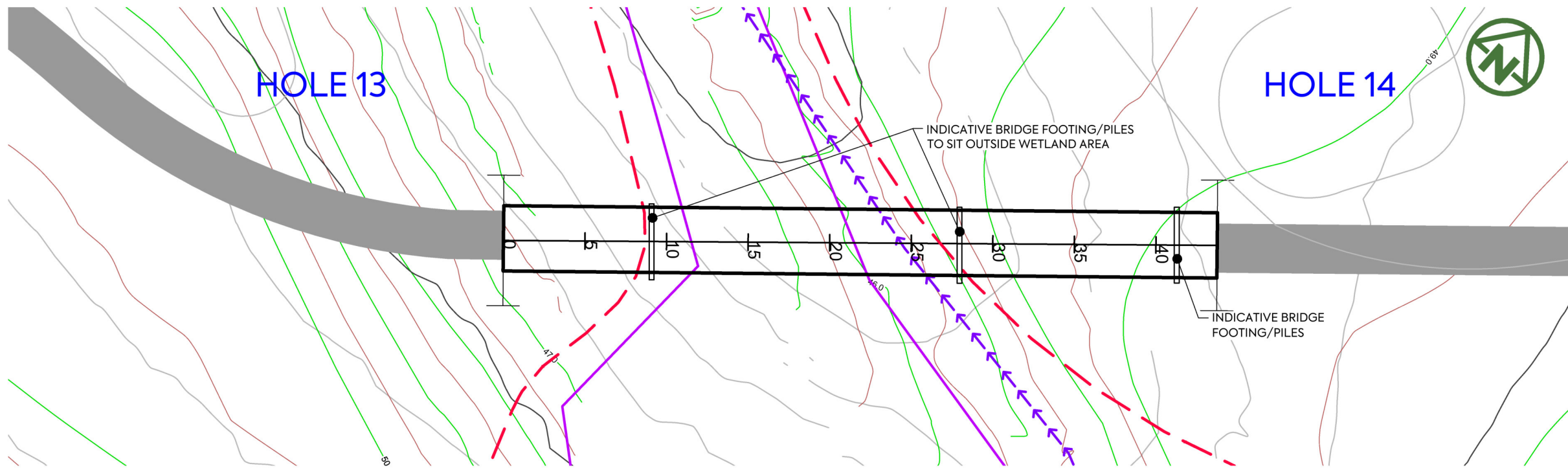
CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 8 HOLE 18
SHEET 8**

PURPOSE OF ISSUE:
FOR CONSENT
SCALE:
1:300 @ A3
DO NOT SCALE
DRAWING NO:
1976-1-288

REV:
D



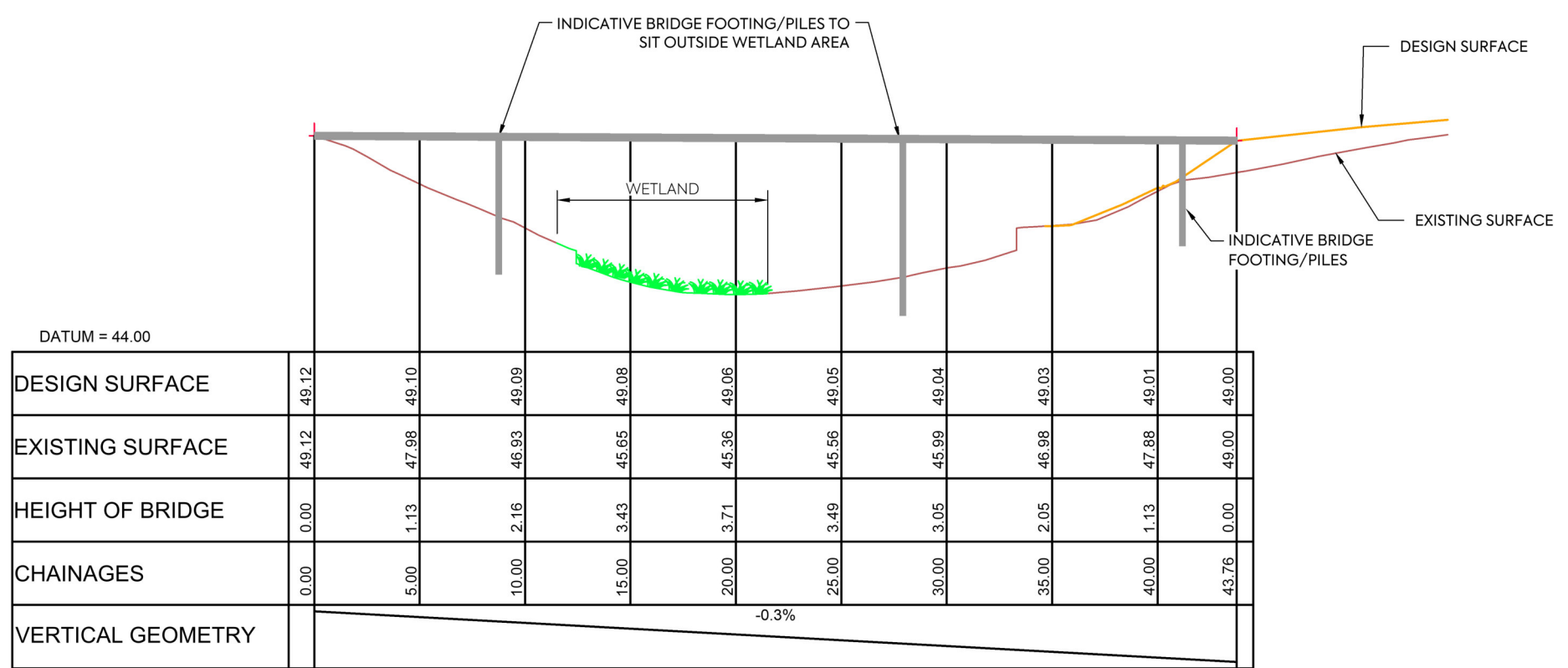
LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	▭
MAPPED SEA/ONF (BY ECOLOGIST)	▭
PROPOSED BRIDGE LOCATION	▭

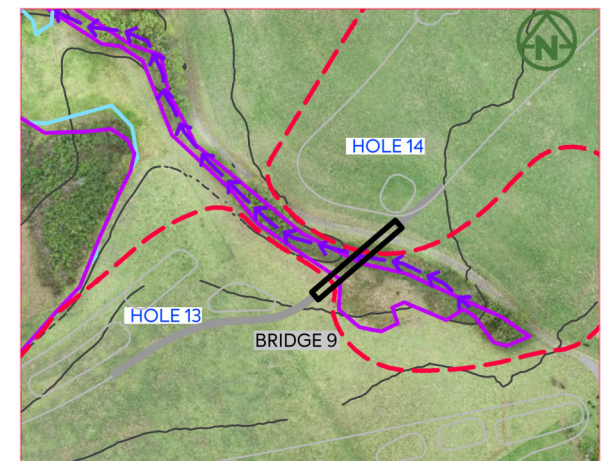
BRIDGE 9 - LAYOUT PLAN
SCALE=1:300

HOLE 13

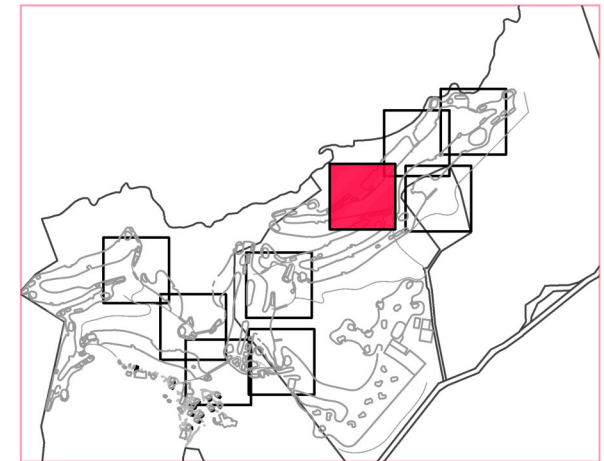
HOLE 14



BRIDGE 9 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 9 HOLE 13/14
SHEET 9**

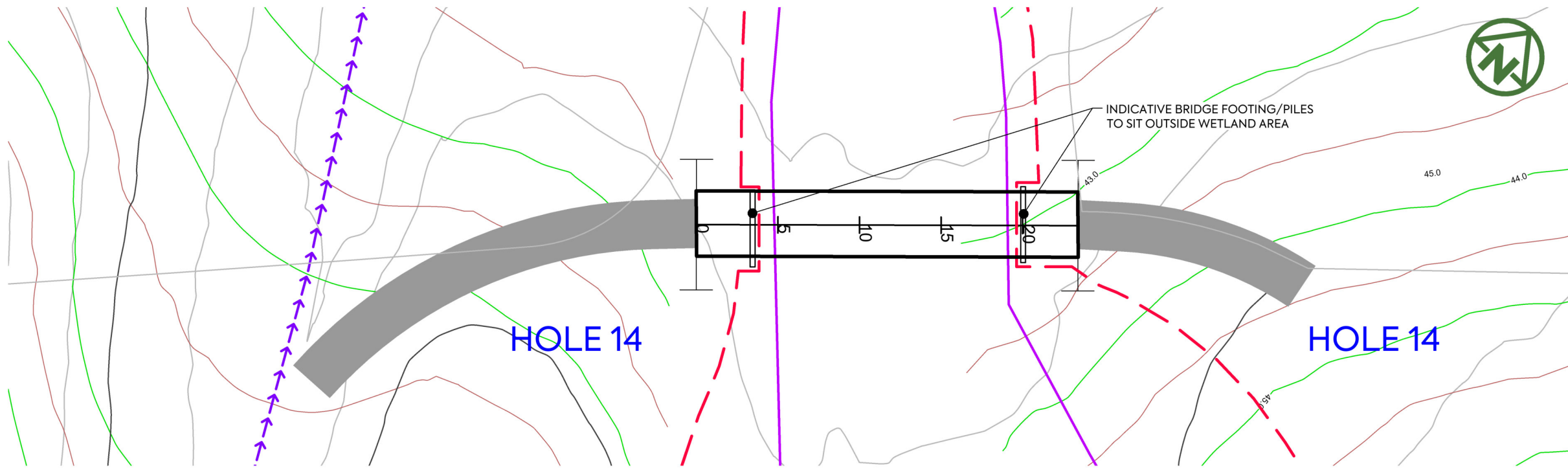
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:300 @ A3

DO NOT SCALE

DRAWING NO:
1976-1-289

REV:
D



LEGEND:

EXTENT OF EARTHWORKS	---
PROPOSED (5m) MAJOR CONTOUR	75.0
PROPOSED (1m) MINOR CONTOUR	---
EXISTING (5m) MAJOR CONTOUR	75.0
EXISTING (1m) MINOR CONTOUR	---
PERMANENT STREAM	→→→→→
INTERMITTENT STREAM	→→→→→
EXISTING WETLAND (TO BE PROTECTED)	█
MAPPED SEA/ONF (BY ECOLOGIST)	█
PROPOSED BRIDGE LOCATION	█

BRIDGE 10 - LAYOUT PLAN
SCALE=1:300

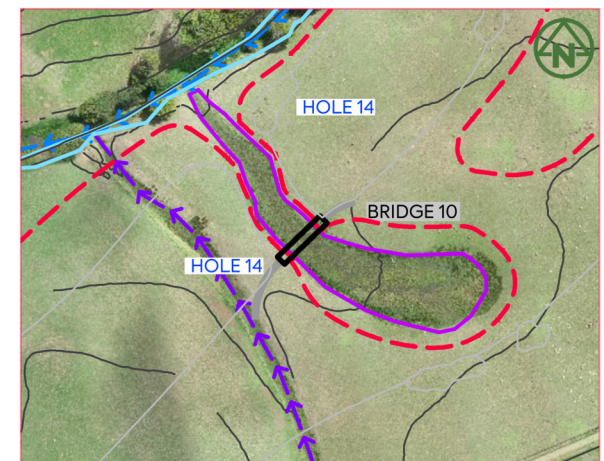
HOLE 14



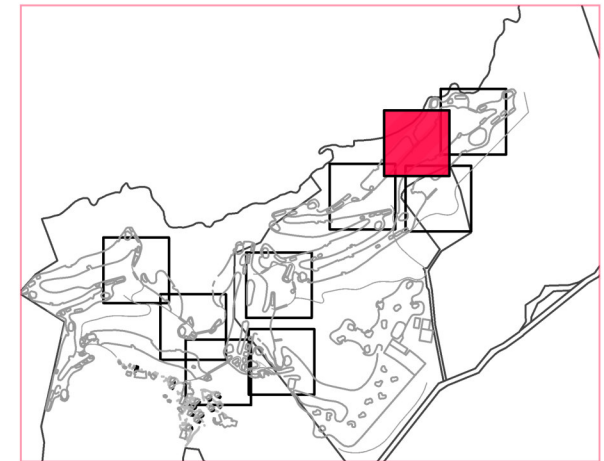
DATUM = 42.00

DESIGN SURFACE	43.83	43.82	43.81	43.81	43.80	43.79
EXISTING SURFACE	43.83	43.28	43.13	43.22	43.52	43.79
HEIGHT OF BRIDGE	-0.00	0.54	0.68	0.59	0.27	0.00
CHAINAGES	0.00	5.00	10.00	15.00	20.00	23.39
VERTICAL GEOMETRY	-0.2%					

BRIDGE 10 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA

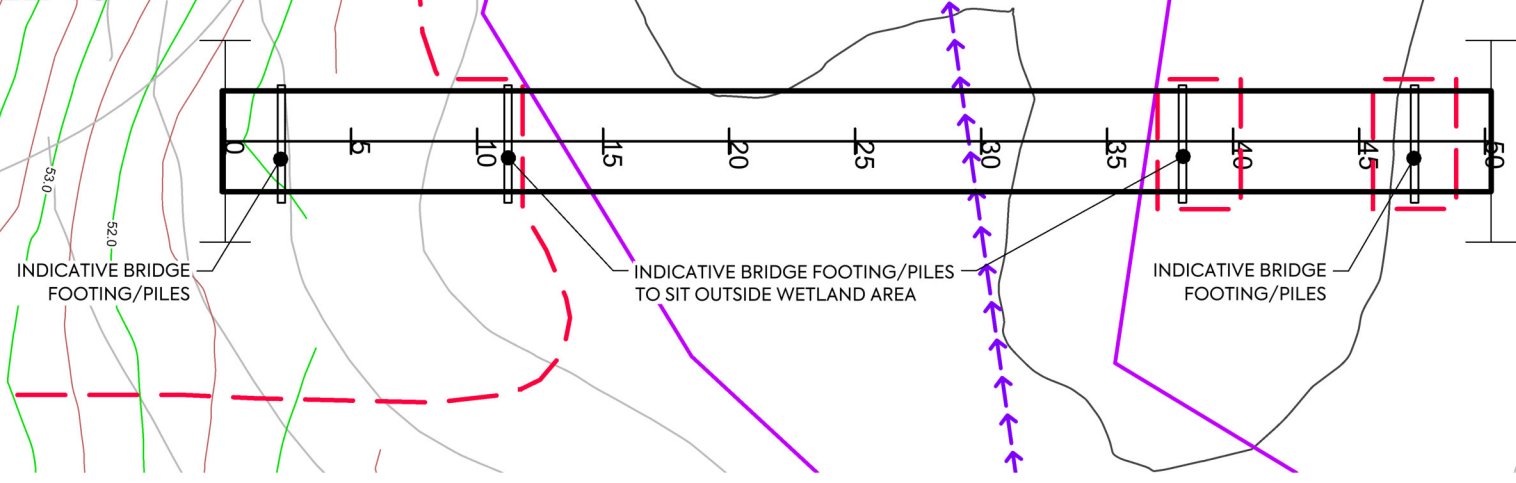


DRAWING LAYOUT PLAN

	<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p>	<p>PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 10 HOLE 14 SHEET 10</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p>
<p>D S92 RESPONSE MO CIM JSD 04/03/22</p> <p>C ISSUED FOR CONSENT MO CIM JSD 26/11/21</p> <p>B SECOND ISSUE MO CIM JSD 02/11/21</p> <p>A FIRST ISSUE MO CIM JSD 26/08/21</p>				
<p>REV DESCRIPTION DRN BY CHK BY APP BY DATE</p>				<p>SCALE: 1:300 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-1-290</p> <p>REV: D</p>

HOLE 16

HOLE 17



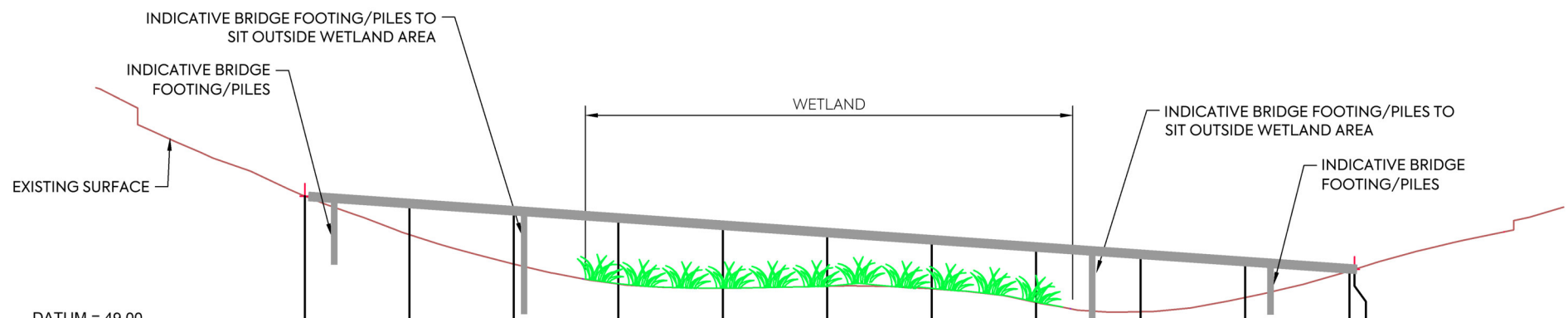
LEGEND:

EXTENT OF EARTHWORKS	
PROPOSED (5m) MAJOR CONTOUR	
PROPOSED (1m) MINOR CONTOUR	
EXISTING (5m) MAJOR CONTOUR	
EXISTING (1m) MINOR CONTOUR	
PERMANENT STREAM	
INTERMITTENT STREAM	
EXISTING WETLAND (TO BE PROTECTED)	
MAPPED SEA/ONF (BY ECOLOGIST)	
PROPOSED BRIDGE LOCATION	

BRIDGE 11 - LAYOUT PLAN
SCALE=1:300

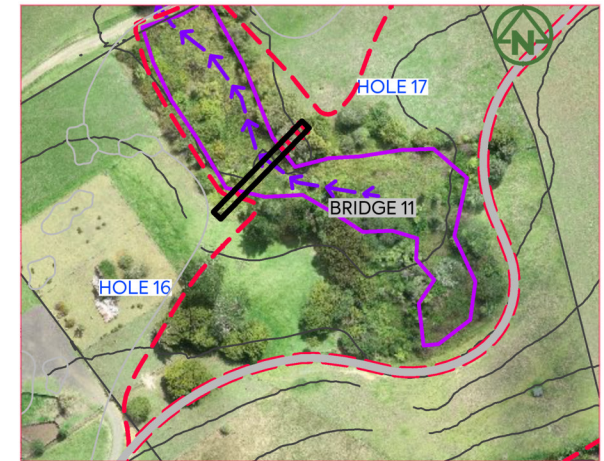
HOLE 16

HOLE 17

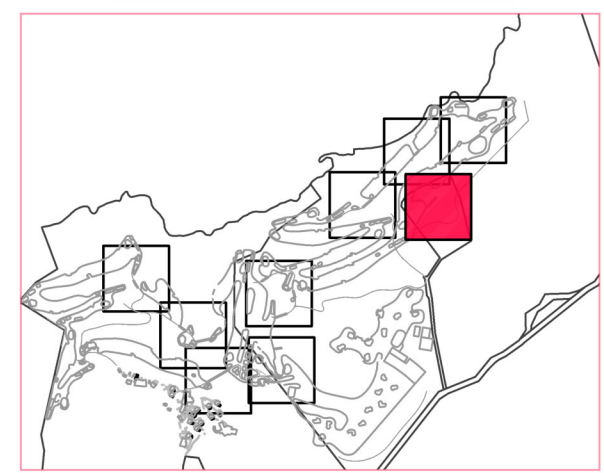


DATUM = 49.00	
DESIGN SURFACE	52.27 52.10 51.93 51.75 51.58 51.40 51.23 51.06 50.88 50.71 50.53 50.52
EXISTING SURFACE	52.27 51.35 50.65 50.17 50.08 50.12 50.06 49.73 49.51 49.85 50.49 50.52
HEIGHT OF BRIDGE	0.00 0.75 1.28 1.58 1.50 1.28 1.17 1.32 1.37 0.86 0.05 0.00
CHAINAGES	0.00 5.00 10.00 15.00 20.00 25.00 30.00 35.00 40.00 45.00 50.00 50.24
VERTICAL GEOMETRY	-3.5%

BRIDGE 11 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1

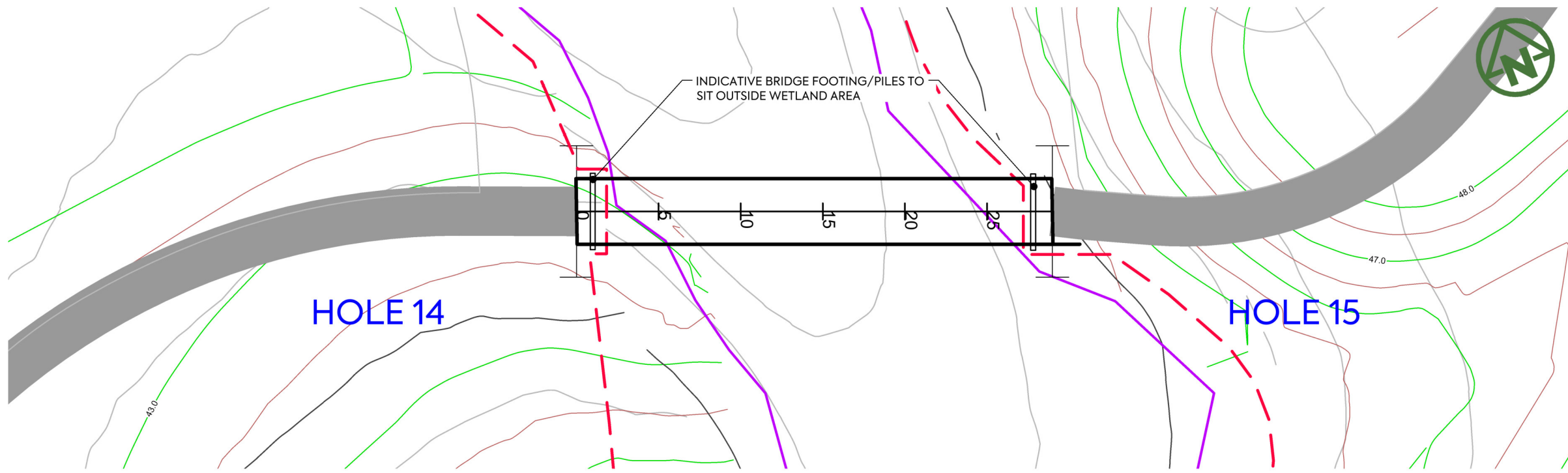


BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

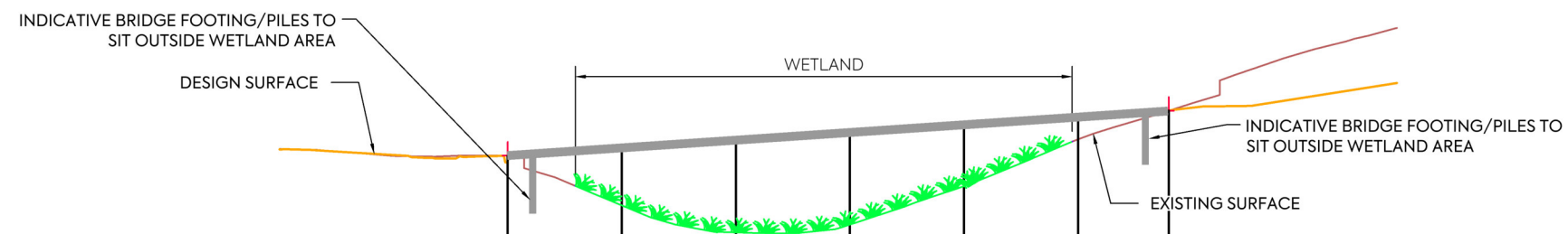
<p>CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD</p> <p>PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT 610 & 697 MURIWAI ROAD MURIWAI VALLEY</p>	<p>CLIENT: MCKENZIE & CO.</p>	<p>TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS BRIDGE 11 HOLE 16/17 SHEET 11</p>	<p>PURPOSE OF ISSUE: FOR CONSENT</p> <p>SCALE: 1:300 @ A3</p> <p>DO NOT SCALE</p> <p>DRAWING NO: 1976-1-291</p> <p>REV: D</p>																														
<table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DRN BY</th> <th>CHK BY</th> <th>APP BY</th> <th>DATE</th> </tr> <tr> <td>D</td> <td>S92 RESPONSE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>04/03/22</td> </tr> <tr> <td>C</td> <td>ISSUED FOR CONSENT</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/11/21</td> </tr> <tr> <td>B</td> <td>SECOND ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>02/11/21</td> </tr> <tr> <td>A</td> <td>FIRST ISSUE</td> <td>MO</td> <td>CIM</td> <td>JSD</td> <td>26/08/21</td> </tr> </table>				REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE	D	S92 RESPONSE	MO	CIM	JSD	04/03/22	C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21	B	SECOND ISSUE	MO	CIM	JSD	02/11/21	A	FIRST ISSUE	MO	CIM	JSD	26/08/21
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE																												
D	S92 RESPONSE	MO	CIM	JSD	04/03/22																												
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21																												
B	SECOND ISSUE	MO	CIM	JSD	02/11/21																												
A	FIRST ISSUE	MO	CIM	JSD	26/08/21																												



BRIDGE 12 - LAYOUT PLAN
SCALE=1:300

HOLE 14

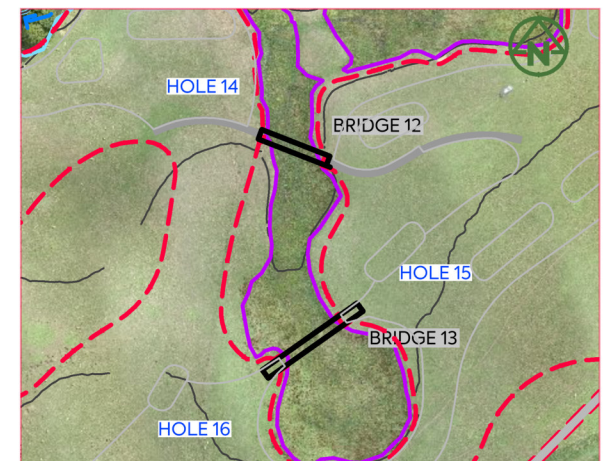
HOLE 15



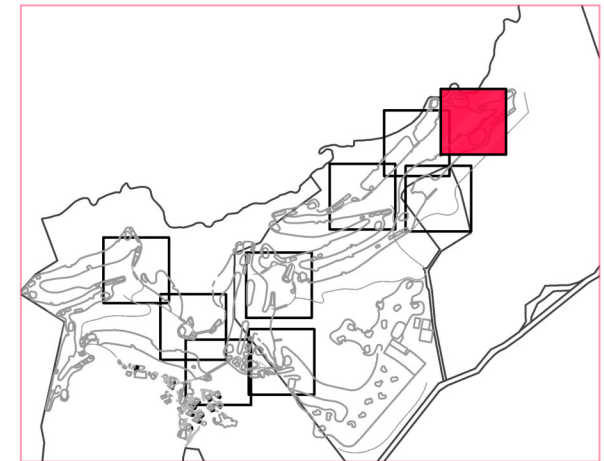
DATUM = 41.00

DESIGN SURFACE	43.91	44.08	44.25	44.42	44.59	44.76	44.90
EXISTING SURFACE	43.80	42.82	42.23	42.40	43.24	44.27	44.90
HEIGHT OF BRIDGE	0.11	1.26	2.03	2.02	1.35	0.49	-0.00
CHAINAGES	0.00	5.00	10.00	15.00	20.00	25.00	28.98
VERTICAL GEOMETRY	3.4%						

BRIDGE 12 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
THE BEARS HOME PROJECT MANAGEMENT LTD

PROJECT:
**PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 12 HOLE 14/15
SHEET 12**

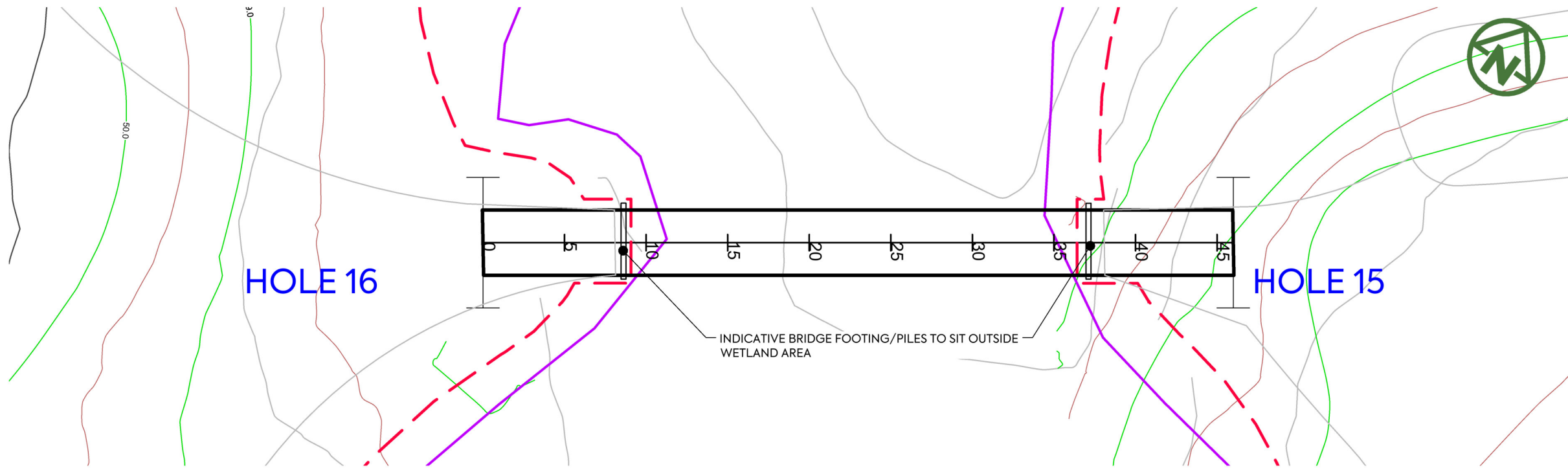
PURPOSE OF ISSUE:
FOR CONSENT

SCALE:
1:300 @ A3

DO NOT SCALE

DRAWING NO:
1976-1-292

REV:
D

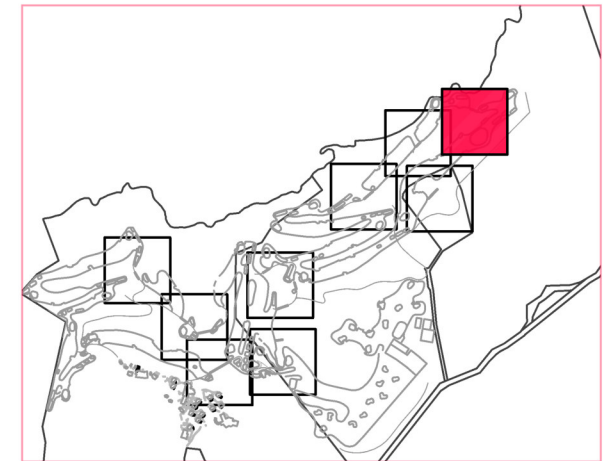
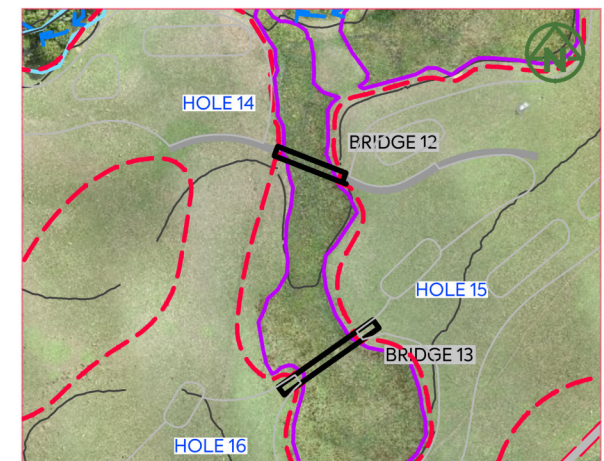
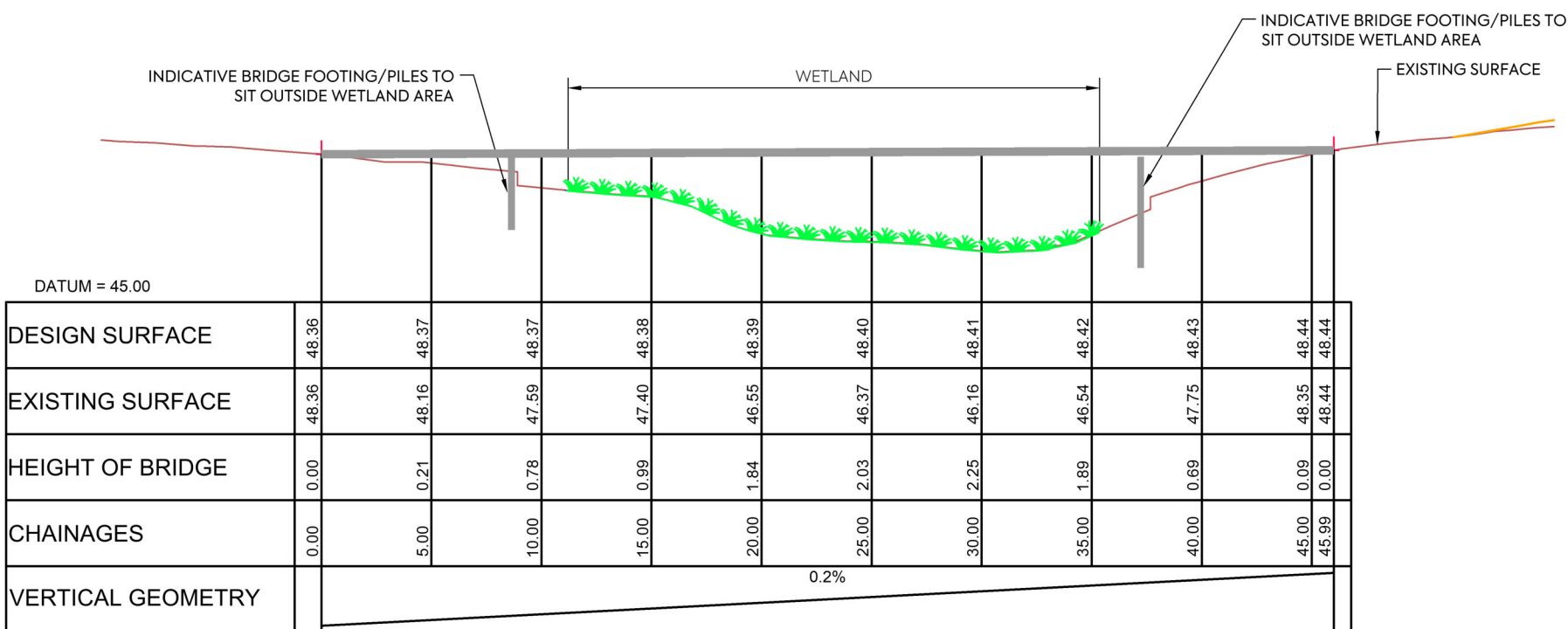


LEGEND:

- EXTENT OF EARTHWORKS: - - - - -
- PROPOSED (5m) MAJOR CONTOUR: — 75.0 —
- PROPOSED (1m) MINOR CONTOUR: — — — — —
- EXISTING (5m) MAJOR CONTOUR: — 75.0 —
- EXISTING (1m) MINOR CONTOUR: — — — — —
- PERMANENT STREAM: → → → → →
- INTERMITTENT STREAM: → → → → →
- EXISTING WETLAND (TO BE PROTECTED): [Purple Outline]
- MAPPED SEA/ONF (BY ECOLOGIST): [Blue Outline]
- PROPOSED BRIDGE LOCATION: [Black Outline]

HOLE 16

HOLE 15



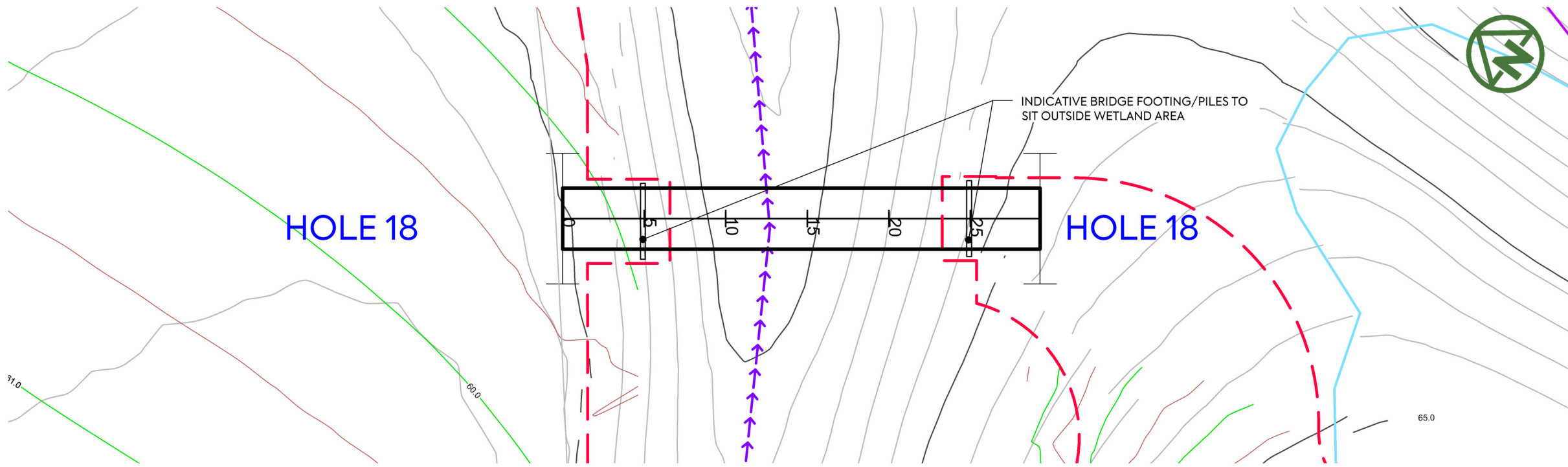
REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT: THE BEARS HOME PROJECT MANAGEMENT LTD
PROJECT: PROPOSED BULK EARTHWORKS MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD MURIWAI VALLEY

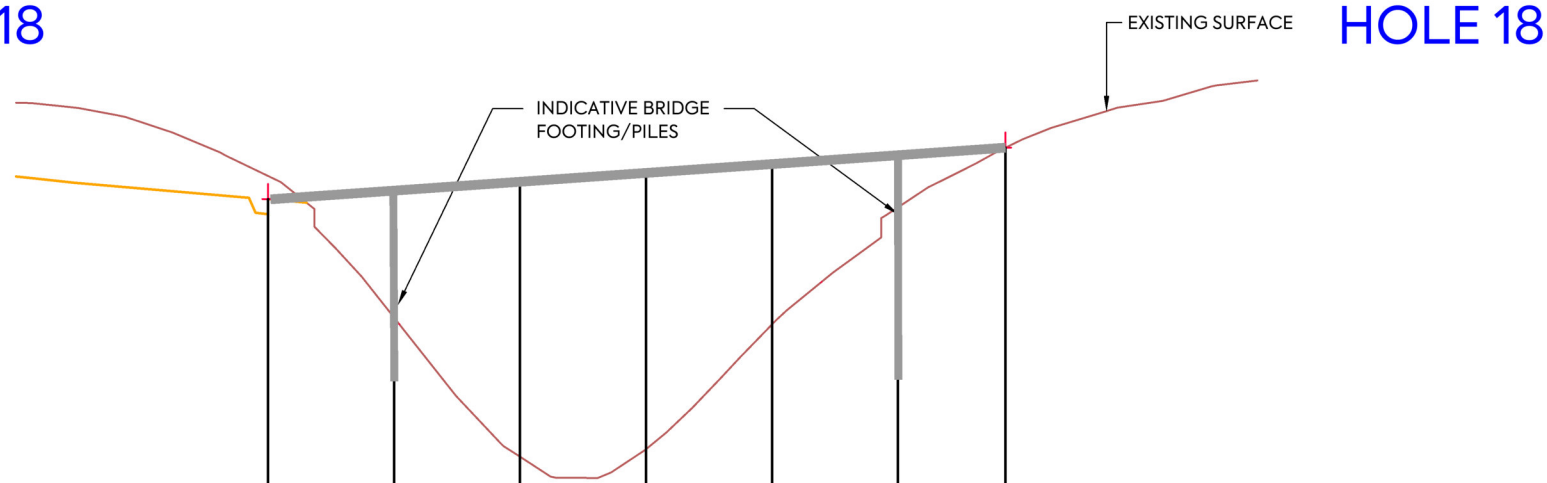
TITLE: PROPOSED EARTHWORKS BRIDGE CROSSING DETAILS
BRIDGE 13 HOLE 15/16
SHEET 13

PURPOSE OF ISSUE: FOR CONSENT
SCALE: 1:300 @ A3
DO NOT SCALE
DRAWING NO: 1976-1-293
REV: D



BRIDGE 14 - LAYOUT PLAN
SCALE=1:300

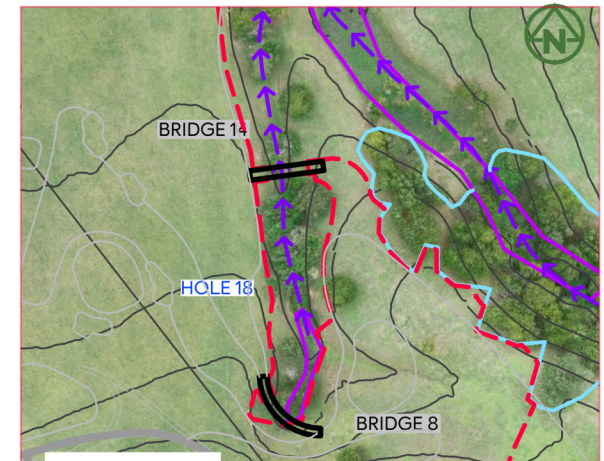
HOLE 18



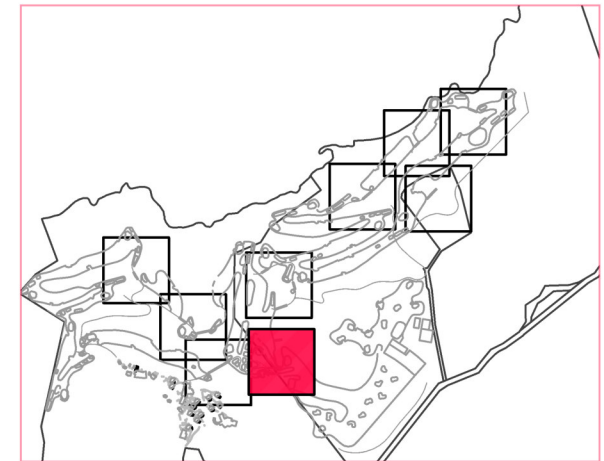
DATUM = 53.00

DESIGN SURFACE	59.68	59.85	60.03	60.20	60.37	60.55	60.70
EXISTING SURFACE	59.68	57.33	54.57	54.72	57.19	59.51	60.70
HEIGHT OF BRIDGE	0.00	2.52	5.46	5.48	3.18	1.03	0.00
CHAINAGES	0.00	5.00	10.00	15.00	20.00	25.00	29.26
VERTICAL GEOMETRY	3.5%						

BRIDGE 14 - LONGITUDINAL SECTION
SCALE HORIZ=1:150 @ A1 VERT=1:75 @ A1



BRIDGE IN SURROUNDING AREA



DRAWING LAYOUT PLAN

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
D	S92 RESPONSE	MO	CIM	JSD	04/03/22
C	ISSUED FOR CONSENT	MO	CIM	JSD	26/11/21
B	SECOND ISSUE	MO	CIM	JSD	02/11/21
A	FIRST ISSUE	MO	CIM	JSD	26/08/21



CLIENT:
**THE BEARS HOME
PROJECT MANAGEMENT LTD**

PROJECT:
**PROPOSED BULK EARTHWORKS
MURIWAI DOWNS GOLF PROJECT
610 & 697 MURIWAI ROAD
MURIWAI VALLEY**

TITLE:
**PROPOSED EARTHWORKS
BRIDGE CROSSING DETAILS
BRIDGE 14 HOLE 18
SHEET 14**

PURPOSE OF ISSUE:
FOR CONSENT
SCALE:
1:300 @ A3
DO NOT SCALE
DRAWING NO:
1976-1-294
REV:
D