

PEACOCK BRIDGE

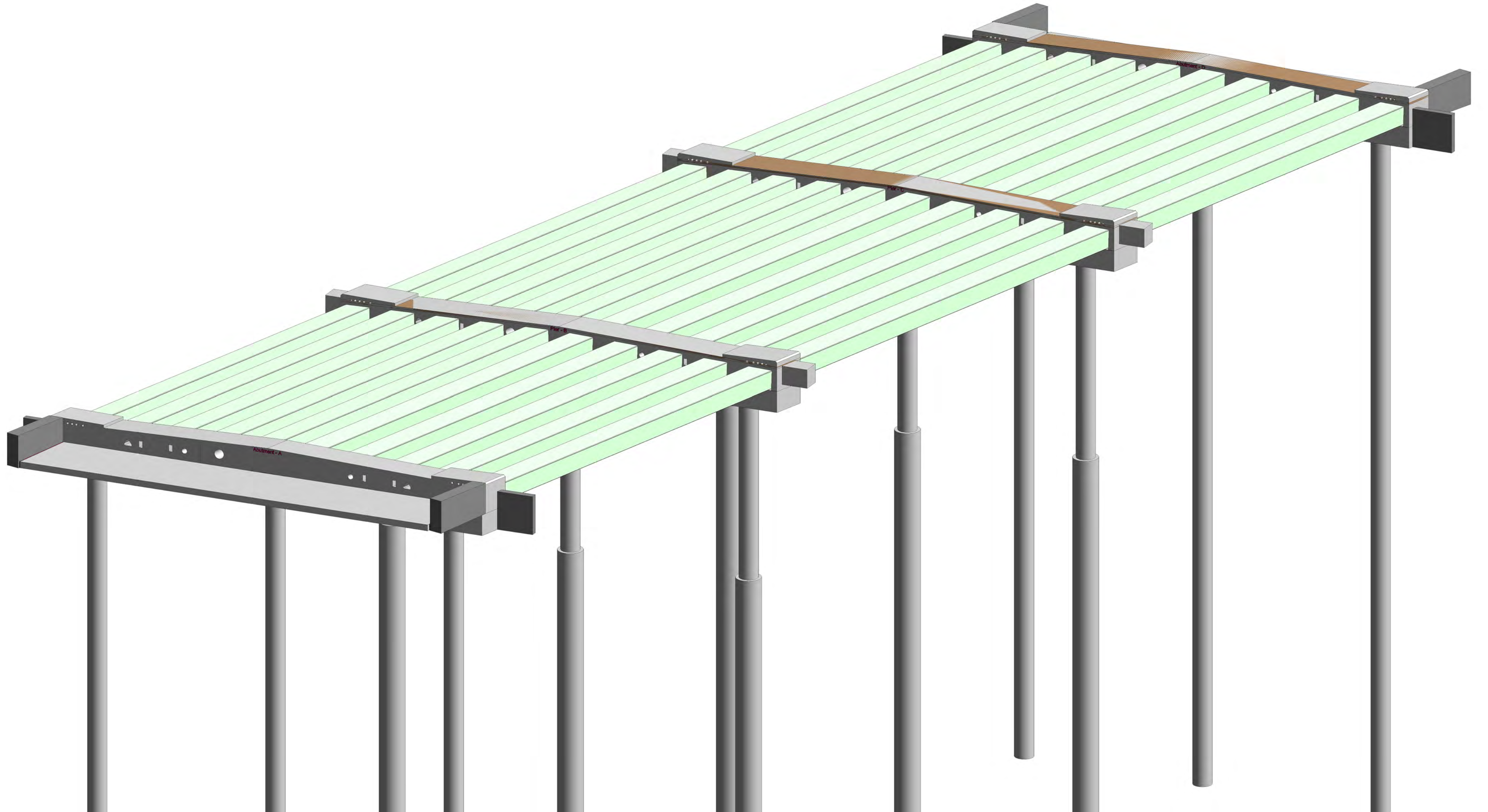


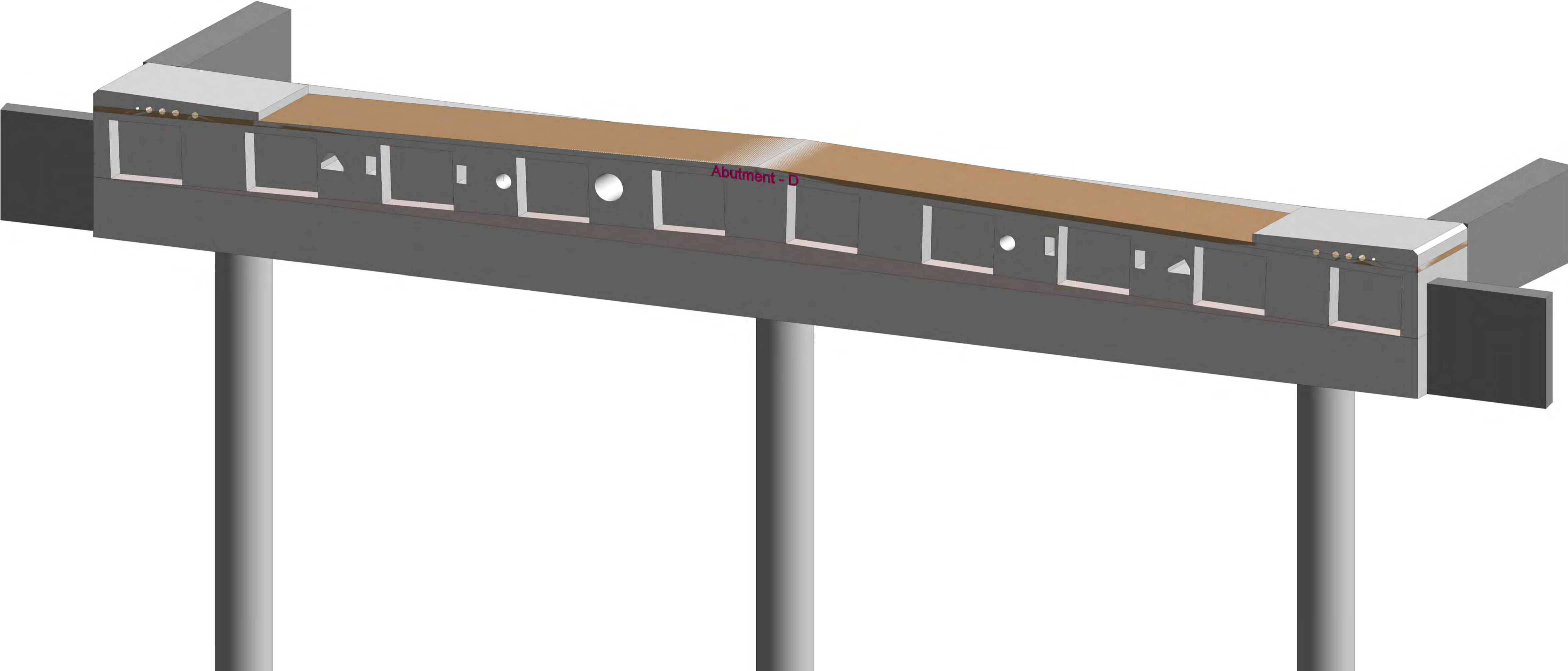




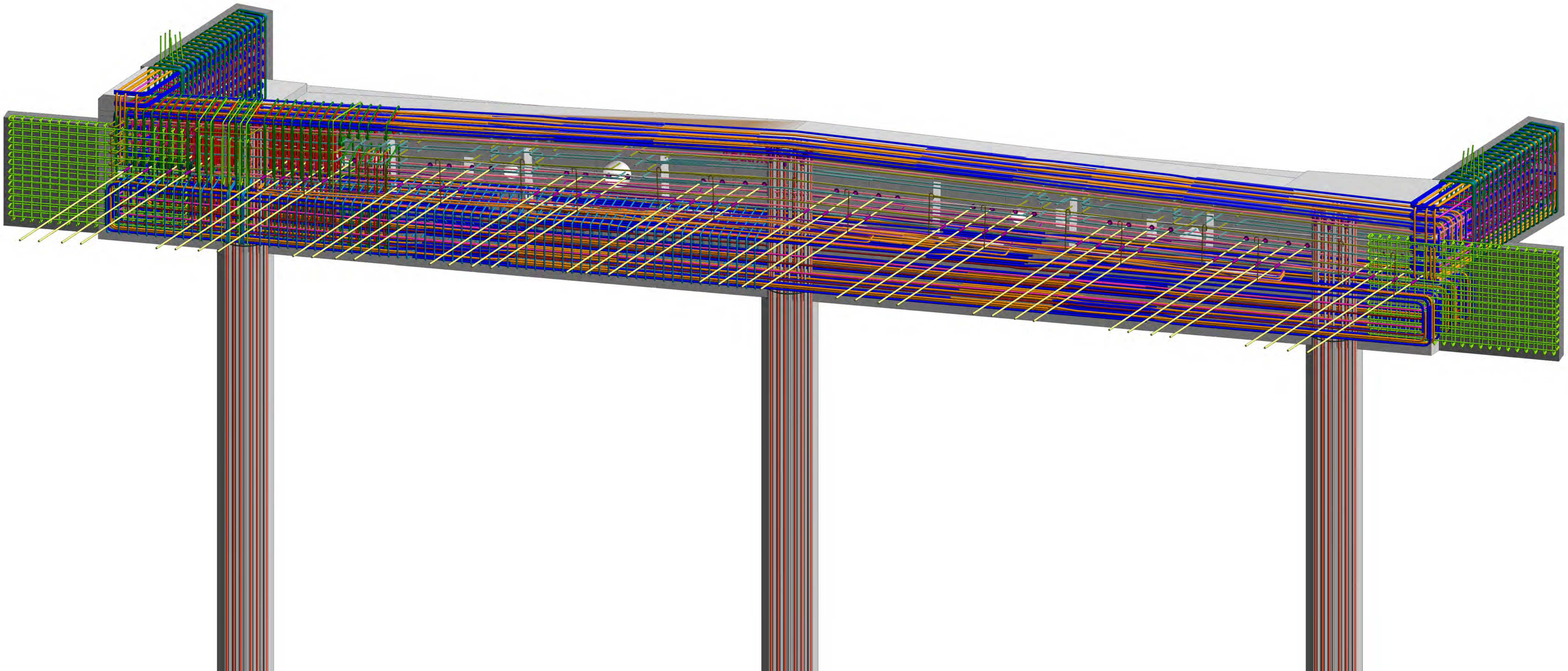


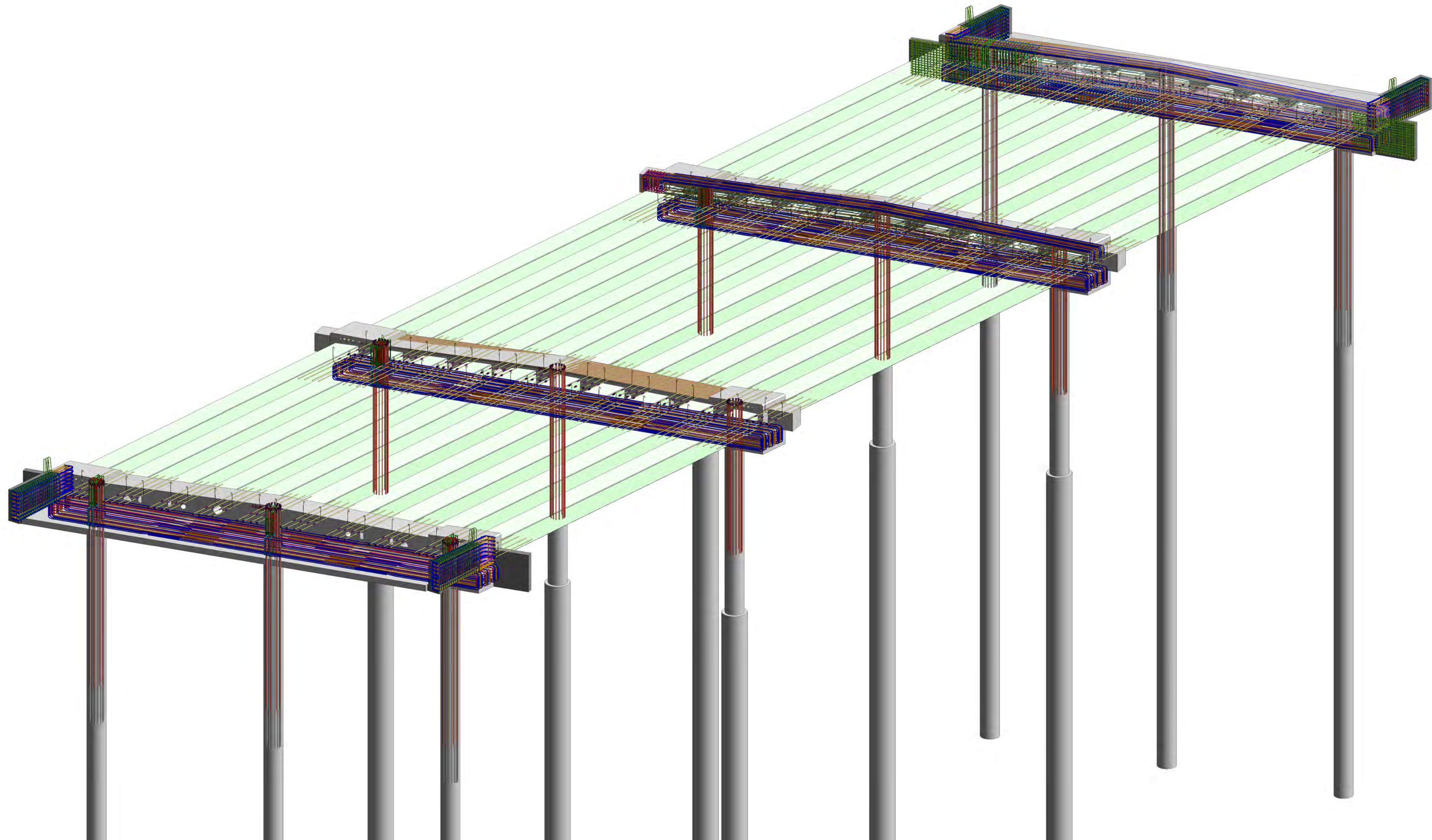


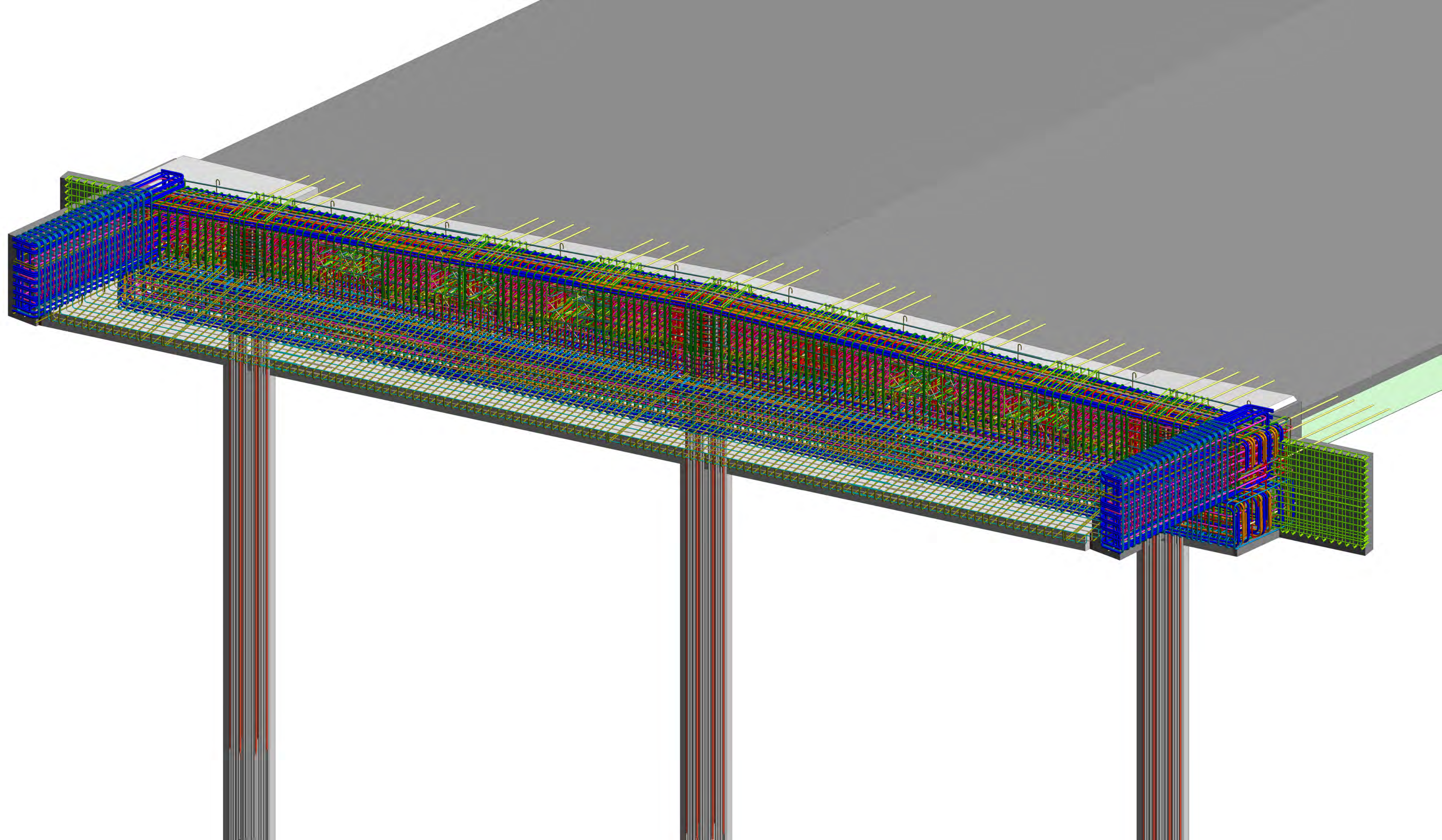


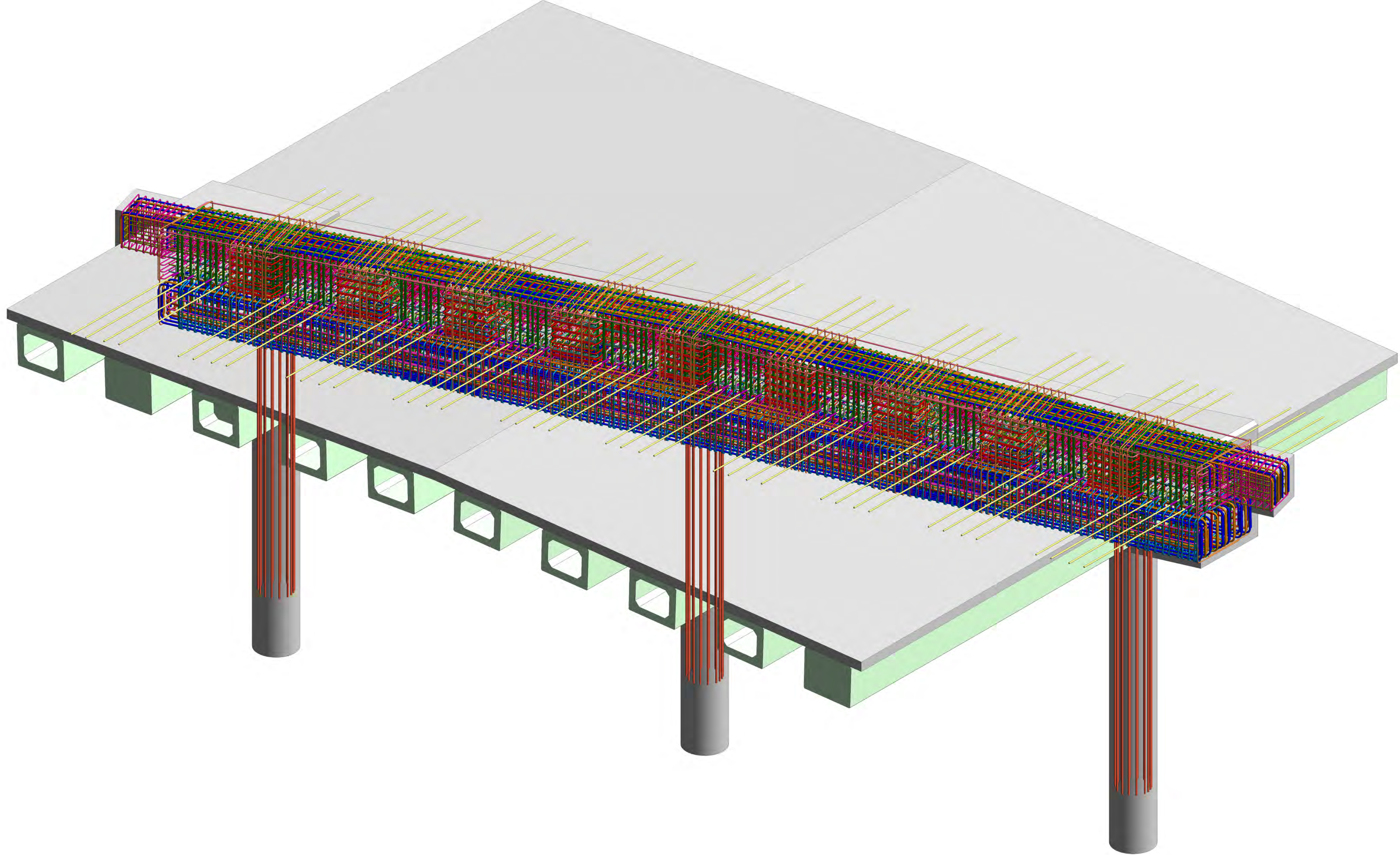


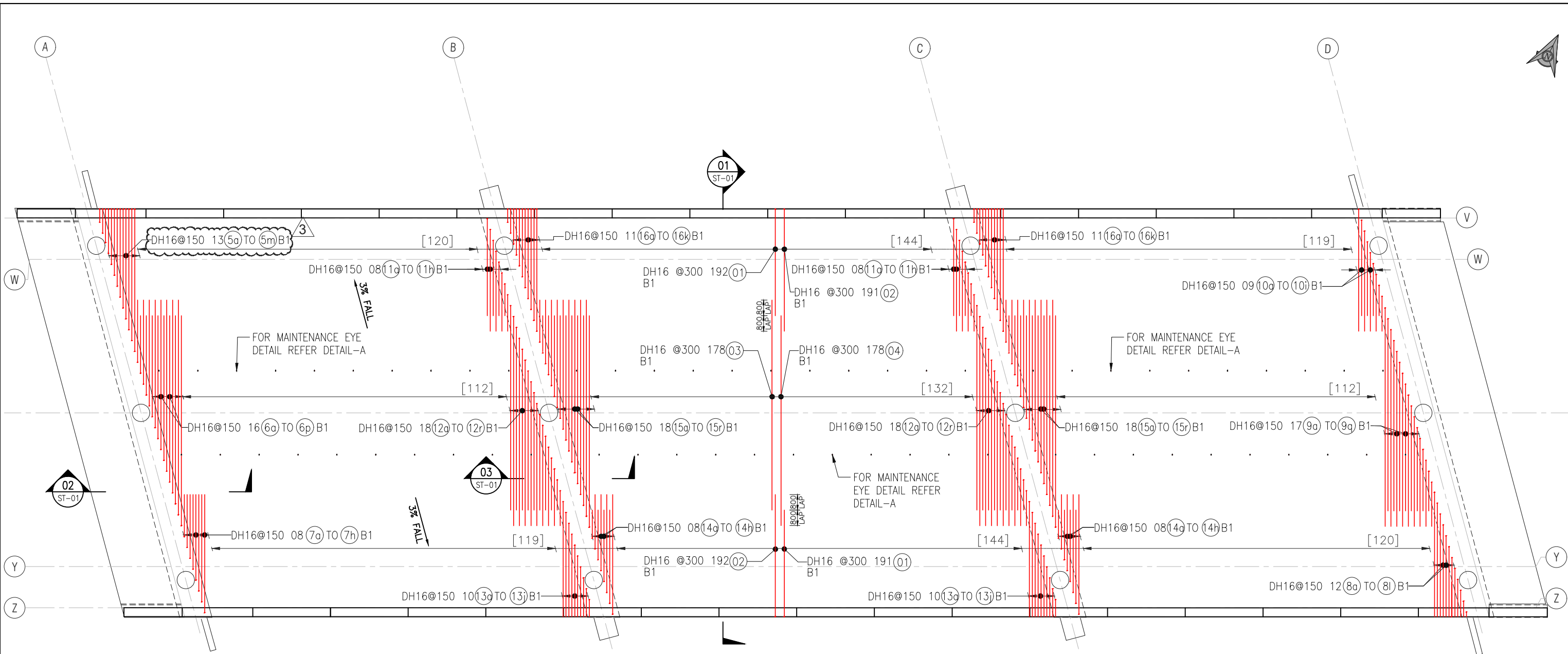
Abutment - D



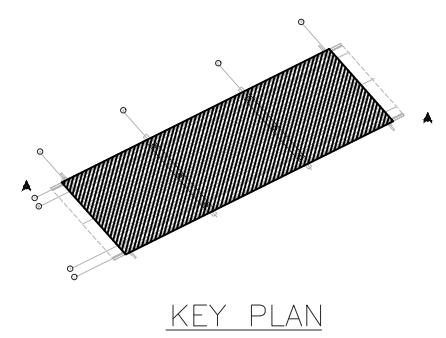








B1 LAYER DECK SLAB REINFORCEMENT PLAN
SCALE 1:200



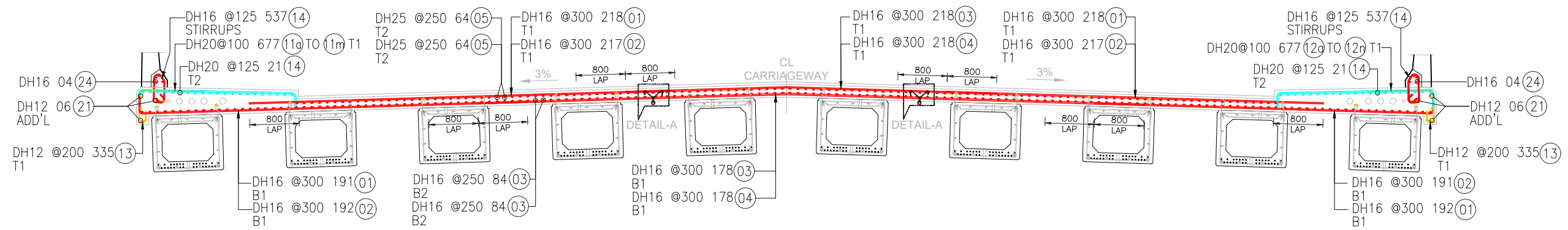
Rev.	Date	Revision Details	By	Ver.	App.
03	30-11-2023	REVISED AS PER COMMENTS			
02	24-06-2023	REVISED AS PER COMMENTS			
01	27-03-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			



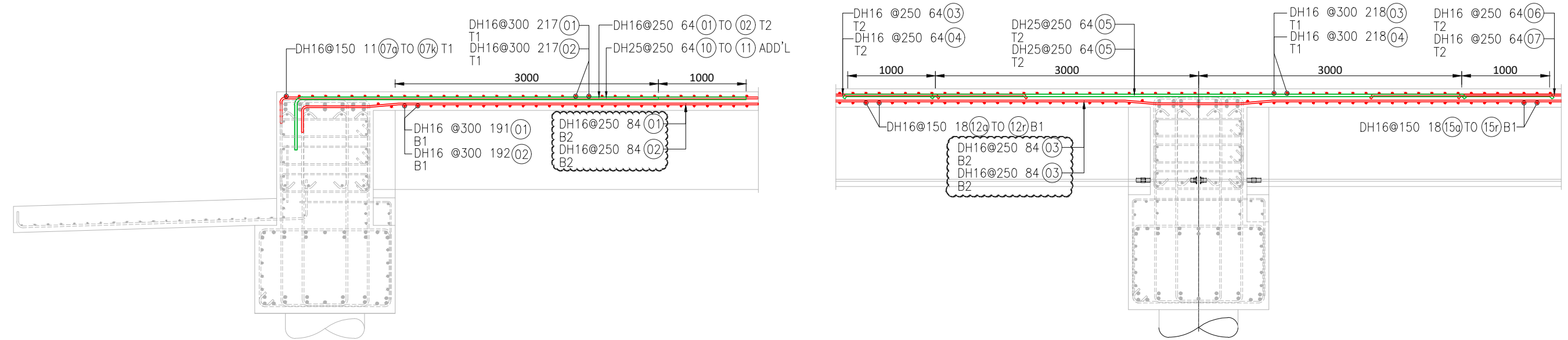
Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	AT	
Drafting Check :	HP	

Project:	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	B1 DECK SLAB REINFORCEMENT PLAN

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-01 (01 of 02)
Rev.	3

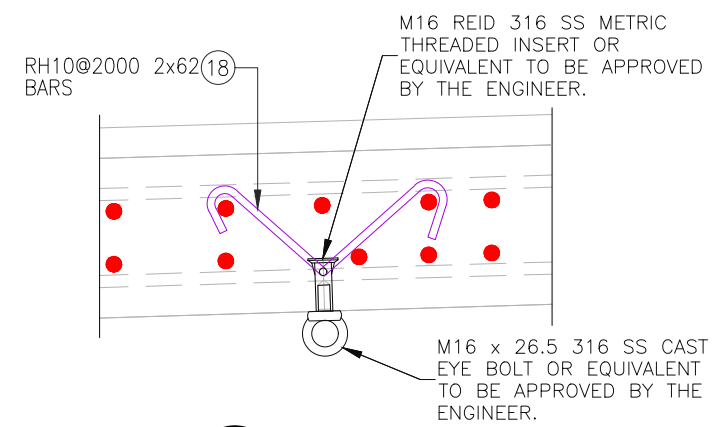


1 SECTION-1
SCALE: 1:75

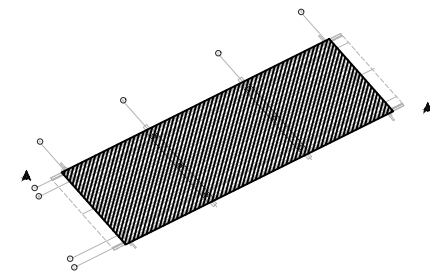


2 SECTION-2
SCALE: 1:50

3 SECTION-3
SCALE: 1:50



DETAIL A MAINTENANCE EYE DETAIL
SCALE: 1:50



KEY PLAN

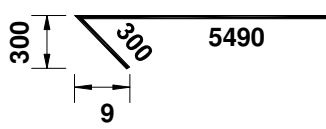
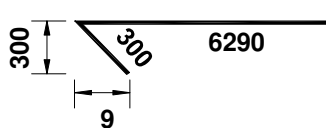
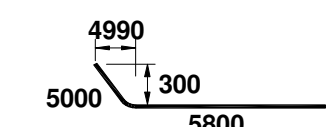
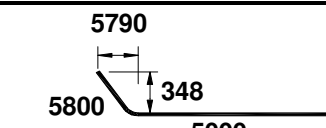
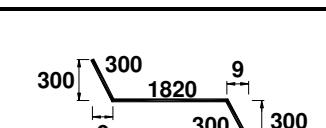
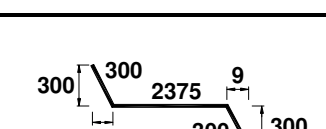
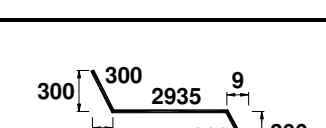
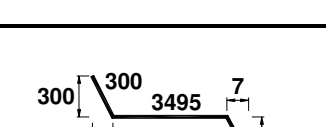
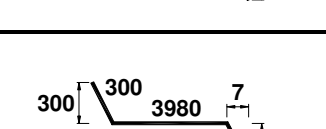
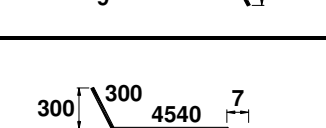
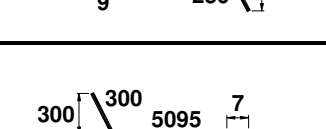
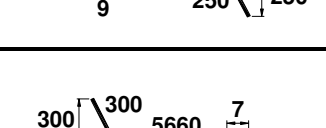
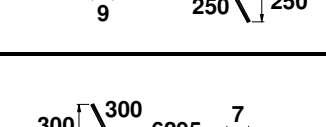
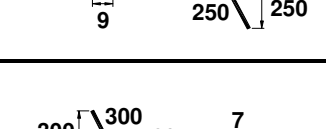
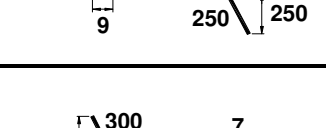
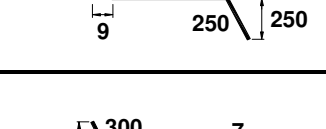
Rev.	Date	Revision Details	By	Ver.	App.
04	10-08-2023	REVISED AS PER COMMENTS			
03	02-08-2023	REVISED AS PER COMMENTS			
02	24-06-2023	REVISED AS PER COMMENTS			
01	27-03-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			



Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	AT	
Drafting Check :	HP	

Project :	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	DECK SLAB SECTION DETAILS

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-01 (02 of 02)
Rev.	4

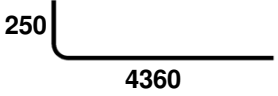
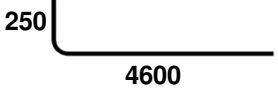
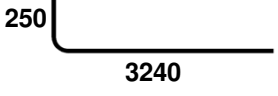
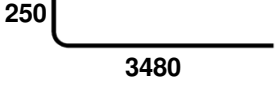
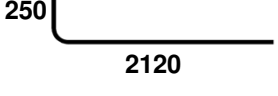
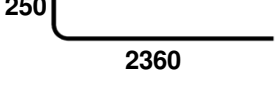
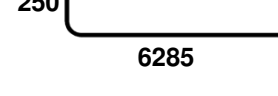

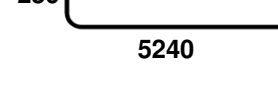
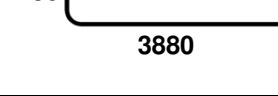
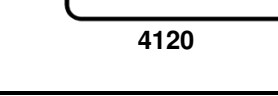
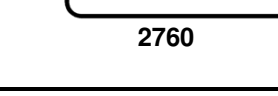
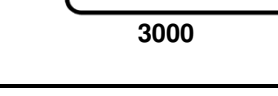
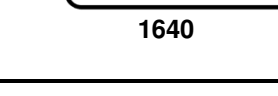
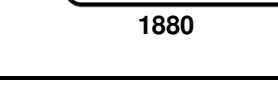
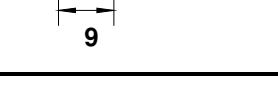
Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
01	DH16 @300 B1 & B1 ALT. STG.	DH 16	383	383	5758		3481.18
02	DH16 @300 B1 & B1 ALT. STG.	DH 16	383	383	6558		3964.84
03	DH16 @300 B1 & B1 ALT. STG.	DH 16	178	178	10800		3034.59
04	DH16 @300 B1 ALT. STG.	DH 16	178	178	10800		3034.59
05a	DH16 @150 B1	DH 16	1	1	2356		3.72
05b	DH16 @150 B1	DH 16	1	1	2911		4.60
05c	DH16 @150 B1	DH 16	1	1	3471		5.48
05d	DH16 @150 B1	DH 16	1	1	3981		6.28
05e	DH16 @150 B1	DH 16	1	1	4466		7.05
05f	DH16 @150 B1	DH 16	1	1	5026		7.93
05g	DH16 @150 B1	DH 16	1	1	5581		8.81
05h	DH16 @150 B1	DH 16	1	1	6146		9.70
05i	DH16 @150 B1	DH 16	1	1	6781		10.70
05j	DH16 @150 B1	DH 16	1	1	7373		11.64
05k	DH16 @150 B1	DH 16	1	1	7901		12.47
05l	DH16 @150 B1	DH 16	1	1	1741		2.75

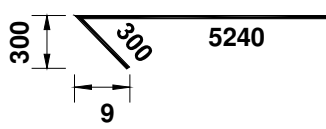
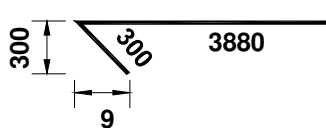
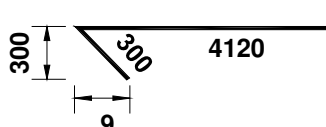
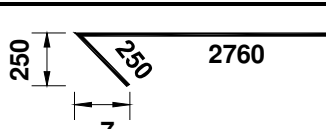
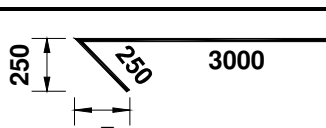
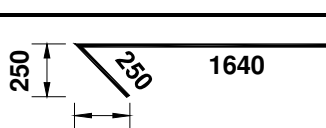
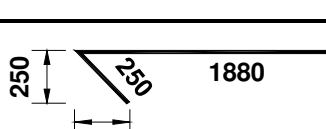
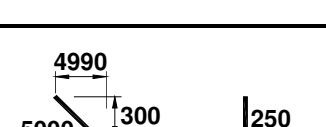
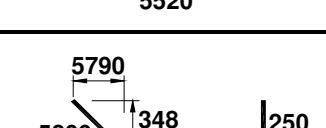
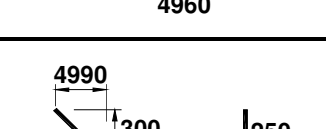
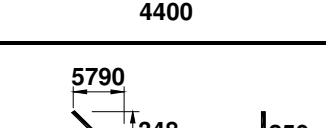
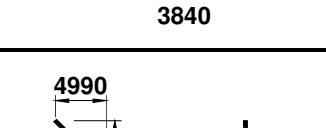
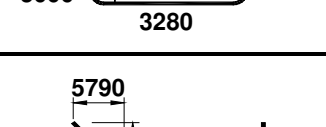
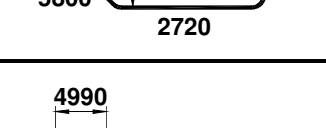
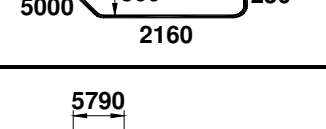
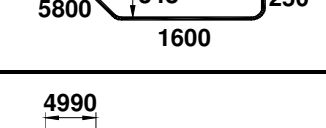
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
05m	DH16 @150 B1	DH 16	1	1	1181		1.86
06a	DH16 @150 B1	DH 16	1	1	3508		5.54
06b	DH16 @150 B1	DH 16	1	1	3268		5.16
06c	DH16 @150 B1	DH 16	1	1	4623		7.30
06d	DH16 @150 B1	DH 16	1	1	4383		6.92
06e	DH16 @150 B1	DH 16	1	1	5743		9.07
06f	DH16 @150 B1	DH 16	1	1	5508		8.69
06g	DH16 @150 B1	DH 16	1	1	6868		10.84
06h	DH16 @150 B1	DH 16	1	1	6628		10.46
06i	DH16 @150 B1	DH 16	1	1	7988		12.61
06j	DH16 @150 B1	DH 16	1	1	7748		12.23
06k	DH16 @150 B1	DH 16	1	1	9108		14.38
06l	DH16 @150 B1	DH 16	1	1	8868		14.00
06m	DH16 @150 B1	DH 16	1	1	10228		16.15
06n	DH16 @150 B1	DH 16	1	1	9983		15.76
06o	DH16 @150 B1	DH 16	1	1	11343		17.91



Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
06p	DH16 @150 B1	DH 16	1	1	11103		17.53
06q & 06r OMITTED							
07a	DH16 @150 B1	DH 16	1	1	2468		3.90
07b	DH16 @150 B1	DH 16	1	1	3028		4.78
07c	DH16 @150 B1	DH 16	1	1	3583		5.66
07d	DH16 @150 B1	DH 16	1	1	4143		6.54
07e	DH16 @150 B1	DH 16	1	1	4703		7.42
07f	DH16 @150 B1	DH 16	1	1	5263		8.31
07g	DH16 @150 B1	DH 16	1	1	5823		9.19
07h	DH16 @150 B1	DH 16	1	1	6383		10.08
07i OMITTED							
08a	DH16 @150 B1	DH 16	1	1	866		1.37
08b	DH16 @150 B1	DH 16	1	1	1426		2.25
08c	DH16 @150 B1	DH 16	1	1	1986		3.13
08d	DH16 @150 B1	DH 16	1	1	2546		4.02
08e	DH16 @150 B1	DH 16	1	1	3106		4.90
08f	DH16 @150 B1	DH 16	1	1	3666		5.79
08g	DH16 @150 B1	DH 16	1	1	4176		6.59

Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
08h	DH16 @150 B1	DH 16	1	1	4736		7.48
08i	DH16 @150 B1	DH 16	1	1	5296		8.36
08j	DH16 @150 B1	DH 16	1	1	5851		9.24
08k	DH16 @150 B1	DH 16	1	1	6416		10.13
08l	DH16 @150 B1	DH 16	1	1	6971		11.00
09a	DH16 @150 B1	DH 16	1	1	11538		18.21
09b	DH16 @150 B1	DH 16	1	1	10178		16.07
09c	DH16 @150 B1	DH 16	1	1	10418		16.45
09d	DH16 @150 B1	DH 16	1	1	9058		14.30
09e	DH16 @150 B1	DH 16	1	1	9298		14.68
09f	DH16 @150 B1	DH 16	1	1	7938		12.53
09g	DH16 @150 B1	DH 16	1	1	8178		12.91
09h	DH16 @150 B1	DH 16	1	1	6818		10.76
09i	DH16 @150 B1	DH 16	1	1	7058		11.14
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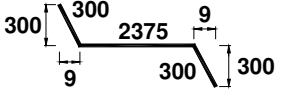
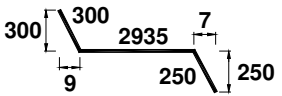
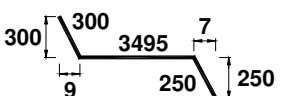
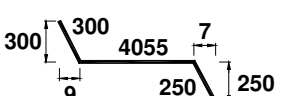
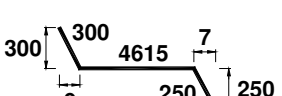
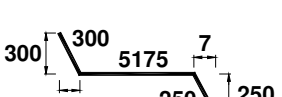
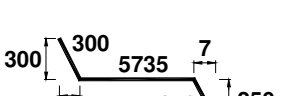
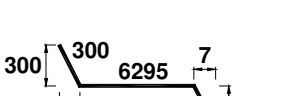
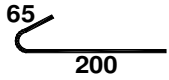
Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
09l	DH16 @150 B1	DH 16	1	1	4578		7.23
09m	DH16 @150 B1	DH 16	1	1	4818		7.61
09n	DH16 @150 B1	DH 16	1	1	3458		5.46
09o	DH16 @150 B1	DH 16	1	1	3698		5.84
09p	DH16 @150 B1	DH 16	1	1	2338		3.69
09q	DH16 @150 B1	DH 16	1	1	2578		4.07
10a	DH16 @150 B1	DH 16	1	1	6503		10.27
10b	DH16 @150 B1	DH 16	1	1	5218		8.24
10c	DH16 @150 B1	DH 16	1	1	5458		8.62
10d	DH16 @150 B1	DH 16	1	1	4098		6.47
10e	DH16 @150 B1	DH 16	1	1	4338		6.85
10f	DH16 @150 B1	DH 16	1	1	2978		4.70
10g	DH16 @150 B1	DH 16	1	1	3218		5.08
10h	DH16 @150 B1	DH 16	1	1	1858		2.93
10i	DH16 @150 B1	DH 16	1	1	2098		3.31
11a	DH16 @150 B1	DH 16	2	2	5268		16.63

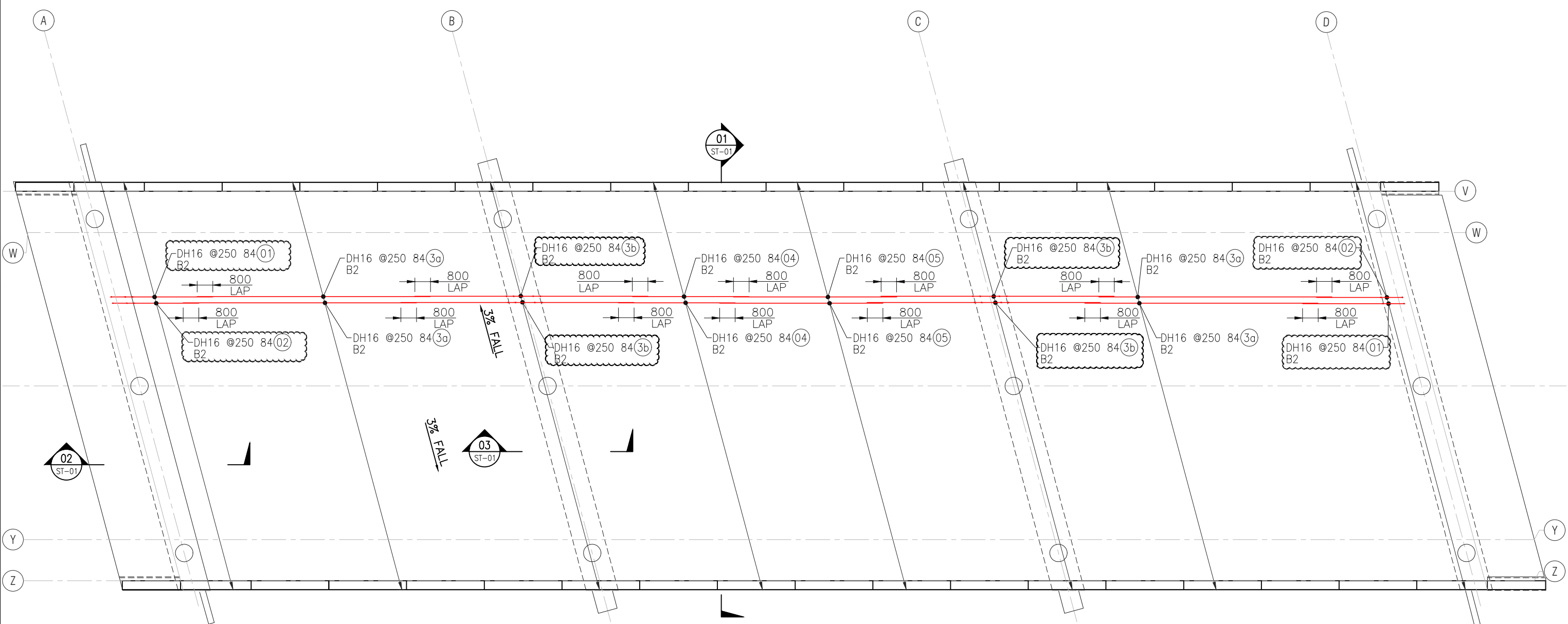
Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
11b	DH16 @150 B1	DH 16	2	2	5508		17.39
11c	DH16 @150 B1	DH 16	2	2	4148		13.10
11d	DH16 @150 B1	DH 16	2	2	4388		13.85
11e	DH16 @150 B1	DH 16	2	2	2978		9.40
11f	DH16 @150 B1	DH 16	2	2	3218		10.16
11g	DH16 @150 B1	DH 16	2	2	1858		5.87
11h	DH16 @150 B1	DH 16	2	2	2098		6.62
12a	DH16 @150 B1	DH 16	2	2	10738		33.90
12b	DH16 @150 B1	DH 16	2	2	10978		34.66
12c	DH16 @150 B1	DH 16	2	2	9618		30.36
12d	DH16 @150 B1	DH 16	2	2	9858		31.12
12e	DH16 @150 B1	DH 16	2	2	8498		26.83
12f	DH16 @150 B1	DH 16	2	2	8738		27.59
12g	DH16 @150 B1	DH 16	2	2	7378		23.29
12h	DH16 @150 B1	DH 16	2	2	7618		24.05
12i	DH16 @150 B1	DH 16	2	2	6258		19.76

Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
12j	DH16 @150 B1	DH 16	2	2	6498		20.51
12k	DH16 @150 B1	DH 16	2	2	5138		16.22
12l	DH16 @150 B1	DH 16	2	2	5383		16.99
12m	DH16 @150 B1	DH 16	2	2	4018		12.69
12n	DH16 @150 B1	DH 16	2	2	4263		13.46
12o	DH16 @150 B1	DH 16	2	2	2898		9.15
12p	DH16 @150 B1	DH 16	2	2	3143		9.92
12q	DH16 @150 B1	DH 16	2	2	1778		5.61
12r	DH16 @150 B1	DH 16	2	2	2023		6.39
12s OMITTED							
13a	DH16 @150 B1	DH 16	2	2	6416		20.26
13b	DH16 @150 B1	DH 16	2	2	5856		18.49
13c	DH16 @150 B1	DH 16	2	2	5296		16.72
13d	DH16 @150 B1	DH 16	2	2	4736		14.95
13e	DH16 @150 B1	DH 16	2	2	4176		13.18
13f	DH16 @150 B1	DH 16	2	2	3616		11.42
13g	DH16 @150 B1	DH 16	2	2	3106		9.81

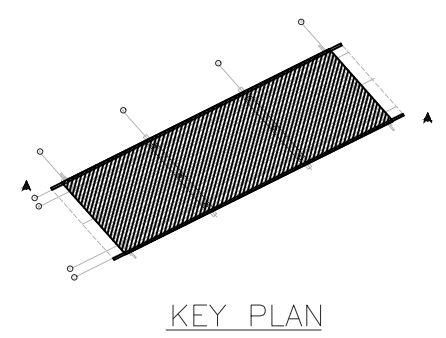
Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
13h	DH16 @150 B1	DH 16	2	2	2546		8.04
13i	DH16 @150 B1	DH 16	2	2	1986		6.27
13j	DH16 @150 B1	DH 16	2	2	1426		4.50
14a	DH16 @150 B1	DH 16	2	2	6433		20.31
14b	DH16 @150 B1	DH 16	2	2	5073		16.02
14c	DH16 @150 B1	DH 16	2	2	5313		16.77
14d	DH16 @150 B1	DH 16	2	2	3958		12.50
14e	DH16 @150 B1	DH 16	2	2	4193		13.24
14f	DH16 @150 B1	DH 16	2	2	2783		8.79
14g	DH16 @150 B1	DH 16	2	2	3028		9.56
14h	DH16 @150 B1	DH 16	2	2	1668		5.27
14i OMITTED							
15a	DH16 @150 B1	DH 16	2	2	11103		35.05
15b	DH16 @150 B1	DH 16	2	2	11348		35.83
15c	DH16 @150 B1	DH 16	2	2	9983		31.52
15d	DH16 @150 B1	DH 16	2	2	10228		32.29
15e	DH16 @150 B1	DH 16	2	2	8863		27.98

DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
15f	DH16 @150 B1	DH 16	2	2	9108		28.75
15g	DH16 @150 B1	DH 16	2	2	7748		24.46
15h	DH16 @150 B1	DH 16	2	2	7988		25.22
15i	DH16 @150 B1	DH 16	2	2	6628		20.93
15j	DH16 @150 B1	DH 16	2	2	6868		21.68
15k	DH16 @150 B1	DH 16	2	2	5508		17.39
15l	DH16 @150 B1	DH 16	2	2	5743		18.13
15m	DH16 @150 B1	DH 16	2	2	4378		13.82
15n	DH16 @150 B1	DH 16	2	2	4623		14.60
15o	DH16 @150 B1	DH 16	2	2	3308		10.44
15p	DH16 @150 B1	DH 16	2	2	3508		11.08
15q	DH16 @150 B1	DH 16	2	2	2143		6.77
15r	DH16 @150 B1	DH 16	2	2	2388		7.54
16a	DH16 @150 B1	DH 16	2	2	1231		3.89
16b	DH16 @150 B1	DH 16	2	2	1791		5.65
16c	DH16 @150 B1	DH 16	2	2	2351		7.42

Job: Fletcher Reinforcing					BBS-01		
Location: B1 LAYER DECK REINFORCEMENT DETAIL					Date: 30/11/2023		
DECK REINFORCEMENT		REV-3					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
16d	DH16 @150 B1	DH 16	2	2	2911		9.19
16e	DH16 @150 B1	DH 16	2	2	3421		10.80
16f	DH16 @150 B1	DH 16	2	2	3981		12.57
16g	DH16 @150 B1	DH 16	2	2	4541		14.34
16h	DH16 @150 B1	DH 16	2	2	5101		16.10
16i	DH16 @150 B1	DH 16	2	2	5661		17.87
16j	DH16 @150 B1	DH 16	2	2	6221		19.64
16k	DH16 @150 B1	DH 16	2	2	6781		21.41
17a TO 17i OMITTED							
18	RH10 @2000CRS BARS (EYE MAINTENANCE BARS)	RH 10	124	124	265		20.26
All mentioned length in shapes are to be outside to outside of rebar						Total Weight	15382.83
<u>Summary Of Bars</u>							
Size		Weight					
10		20.3					
12		0.0					
16		15362.6					
20		0.0					
25		0.0					
32		0.0					
40		0.0					
Total Weight		15382.8					



B2 LAYER DECK SLAB REINFORCEMENT PLAN
SCALE 1:200



Rev.	Date	Revision Details	By	Ver.	App.
02	10-08-2023	REVISED AS PER COMMENTS			
01	02-08-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			

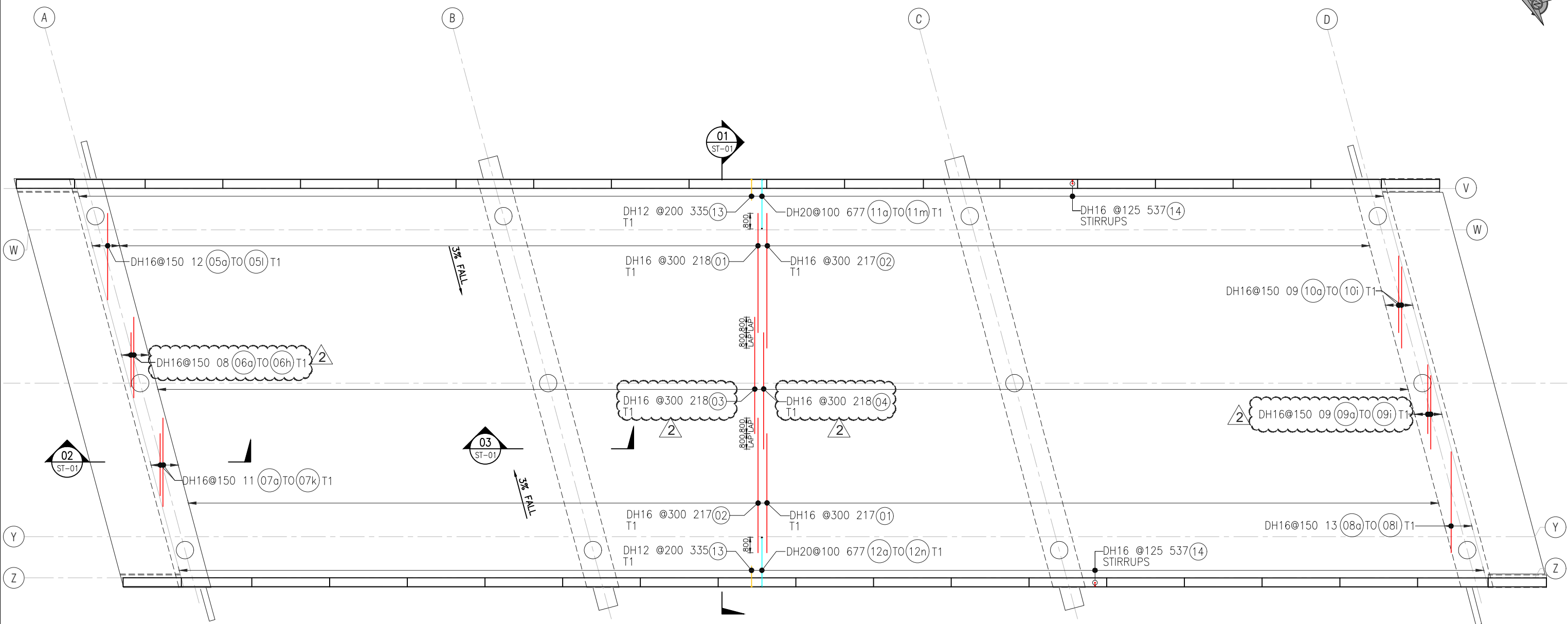


Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	SN	
Drafting Check :		

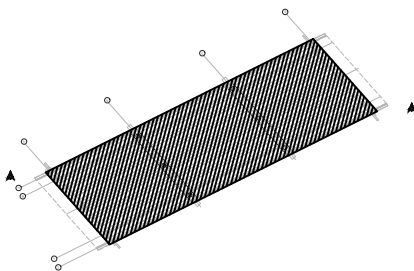
Project :	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	B2 DECK SLAB REINFORCEMENT PLAN

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-02 (01 of 01)
Rev.	2

Job: EASTERN GULLY BRIDGE						BBS-01		
Location: Slab Reinforcment Detail						Date: 10/08/2023		
DECK SLAB REINFORCEMENT			REV-2					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG	
DECK SLAB BOTTOM(B2) REINF.								
01	DH16 @250 B2	DH 16	168	168	5538		1468.65	2
02	DH16 @250 B2	DH 16	168	168	4738		1256.49	2
03a	DH16 @250 B2	DH 16	336	336	6000	12000	3182.34	2
03b	DH16 @250 B2	DH 16	336	336	12000		6364.68	2
04	DH16 @250 B2	DH 16	168	168	6000	6000	1591.17	
05	DH16 @250 B2	DH 16	168	168	8400	8400	2227.64	
Total Weight							16090.96	
Summary Of Bars								
	Size	Weight						
	12	0.0						
	16	16091.0						
	20	0.0						
	25	0.0						
	32	0.0						
	Total Weight	16091.0						



T1 LAYER DECK SLAB REINFORCEMENT PLAN
SCALE 1:200



KEY PLAN

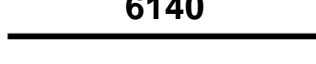
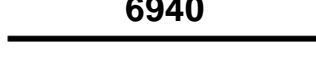
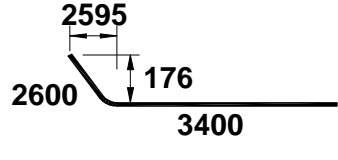
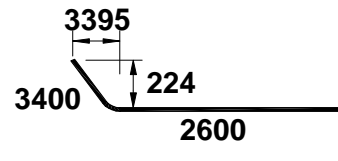
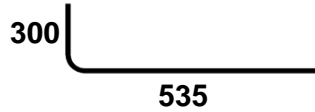
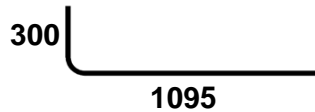
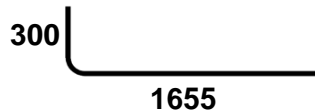
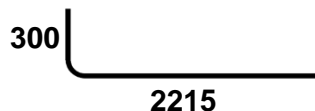
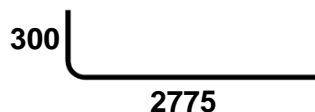

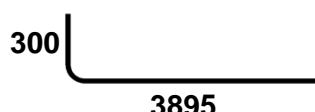

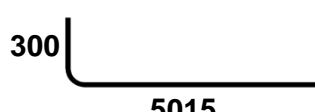

Rev.	Date	Revision Details	By	Ver.	App.
02	24-06-2023	REVISED AS PER COMMENTS			
01	27-03-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			

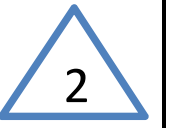
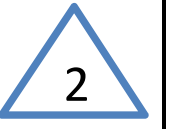
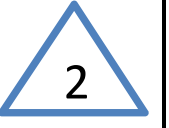


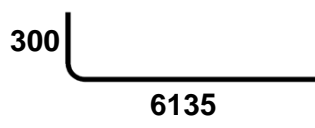
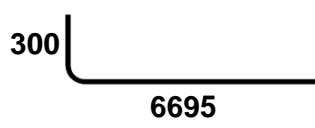
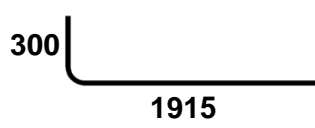
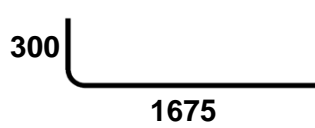
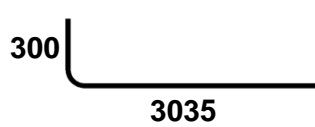
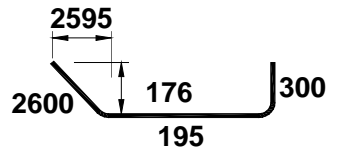
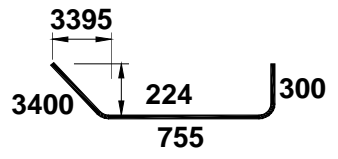
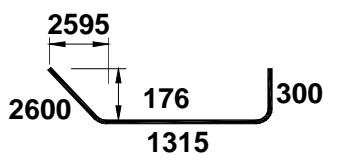
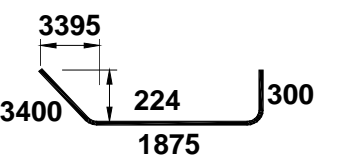
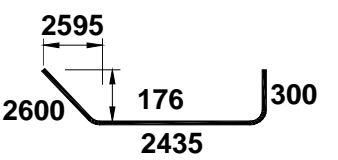
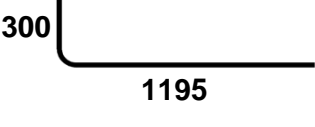
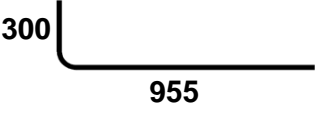
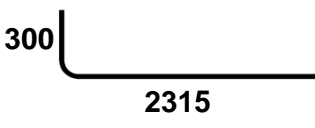
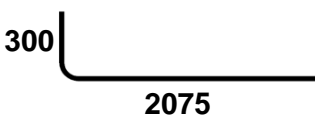
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Designed :		
Design Review :		
Drawn :	AT	
Drafting Check :	HP	

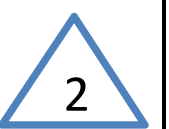
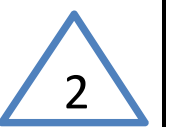
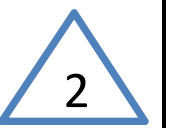
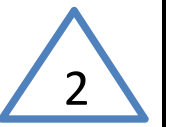
Project :	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	T1 LAYER DECK SLAB REINFORCEMENT PLAN

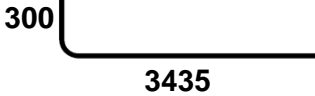
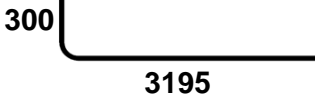
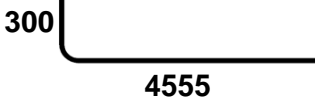
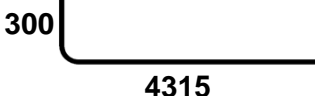
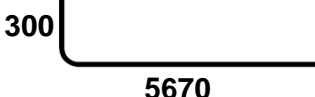
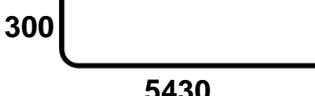
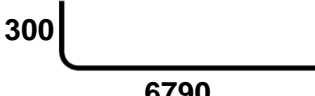
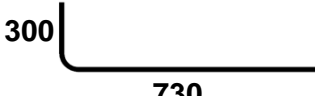


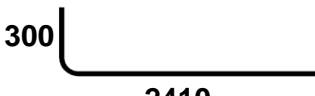
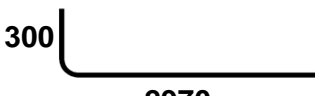


Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-03 (01 of 01)
Rev.	2

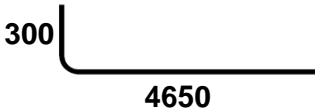
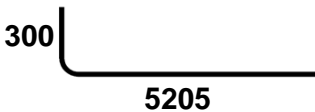
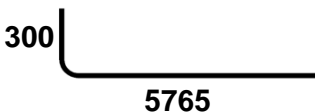
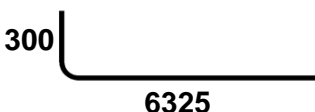
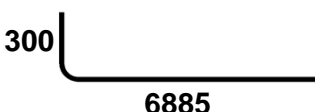
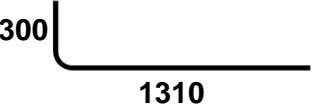
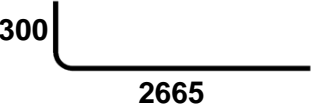
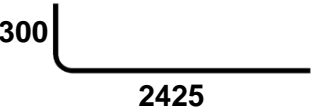
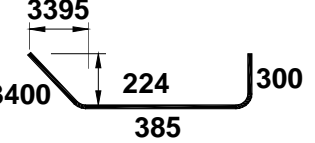

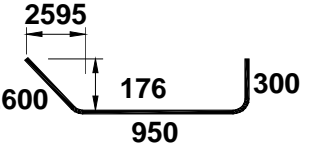

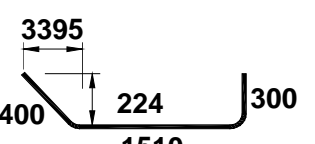

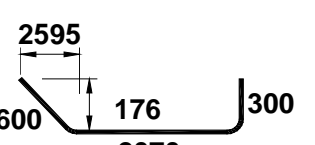

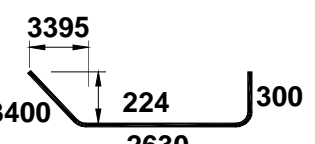

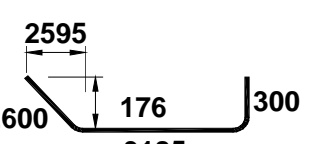

Job: Fletcher Reinforcing					BBS-03		
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023		
DECK REINFORCEMENT		REV-2					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
01	DH16 @300 T1 & T1 ALT. STG.	DH 16	435	435	6140		4216.12
02	DH16 @300 T1 & T1 ALT. STG.	DH 16	434	434	6940		4754.50
03	DH16 @300 T1	DH 16	218	218	6000		2064.73
04	DH16 @300 T1 ALT. STG.	DH 16	218	218	6000		2064.73
05a	DH16 @150 T1	DH 16	1	1	803		1.27
05b	DH16 @150 T1	DH 16	1	1	1363		2.15
05c	DH16 @150 T1	DH 16	1	1	1923		3.04
05d	DH16 @150 T1	DH 16	1	1	2483		3.92
05e	DH16 @150 T1	DH 16	1	1	3043		4.80
05f	DH16 @150 T1	DH 16	1	1	3603		5.69
05g	DH16 @150 T1	DH 16	1	1	4163		6.57
05h	DH16 @150 T1	DH 16	1	1	4723		7.46
05i	DH16 @150 T1	DH 16	1	1	5283		8.34
05j	DH16 @150 T1	DH 16	1	1	5843		9.22

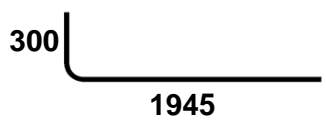
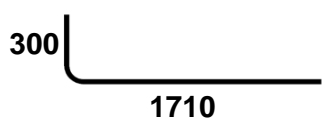
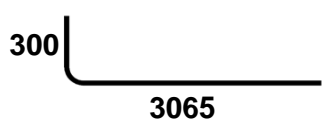
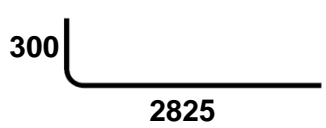

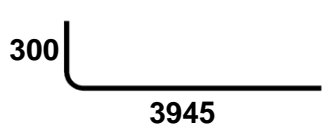
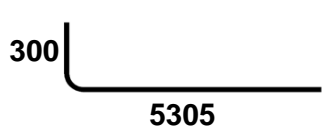
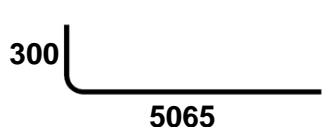

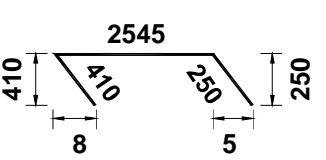

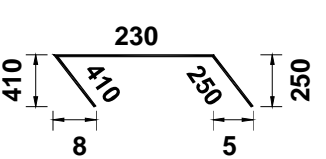

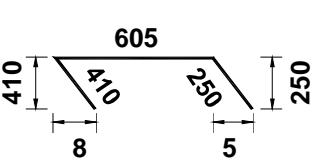

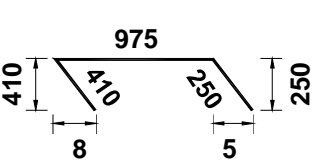

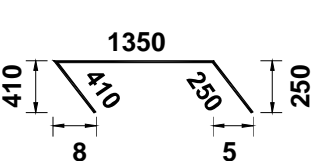



Job: Fletcher Reinforcing					BBS-03		
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023		
DECK REINFORCEMENT		REV-2					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
05k	DH16 @150 T1	DH 16	1	1	6403		10.11
05l	DH16 @150 T1	DH 16	1	1	6963		10.99
06a	DH16 @150 T1	DH 16	1	1	2183		3.45
06b	DH16 @150 T1	DH 16	1	1	1943		3.07
06c	DH16 @150 T1	DH 16	1	1	3303		5.21
06d	DH16 @150 T1	DH 16	1	1	3063		4.84
06e	DH16 @150 T1	DH 16	1	1	4423		6.98
06f	DH16 @150 T1	DH 16	1	1	4183		6.60
06g	DH16 @150 T1	DH 16	1	1	5543		8.75
06h	DH16 @150 T1	DH 16	1	1	5303		8.37
07a	DH16 @150 T1	DH 16	1	1	1463		2.31
07b	DH16 @150 T1	DH 16	1	1	1223		1.93
07c	DH16 @150 T1	DH 16	1	1	2583		4.08
07d	DH16 @150 T1	DH 16	1	1	2343		3.70



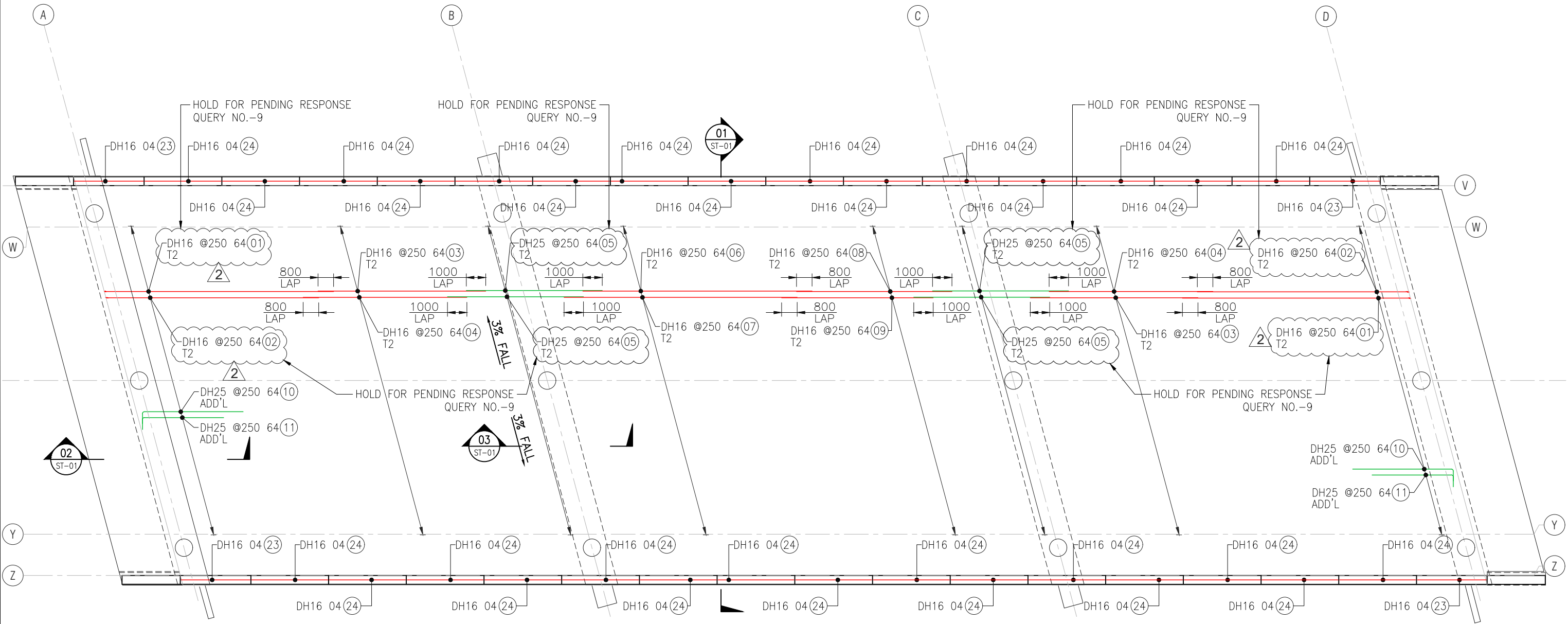
Job: Fletcher Reinforcing					BBS-03		
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023		
DECK REINFORCEMENT		REV-2					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
07e	DH16 @150 T1	DH 16	1	1	3703		5.85
07f	DH16 @150 T1	DH 16	1	1	3463		5.47
07g	DH16 @150 T1	DH 16	1	1	4823		7.61
07h	DH16 @150 T1	DH 16	1	1	4583		7.23
07i	DH16 @150 T1	DH 16	1	1	5938		9.37
07j	DH16 @150 T1	DH 16	1	1	5698		8.99
07k	DH16 @150 T1	DH 16	1	1	7058		11.14
08a	DH16 @150 T1	DH 16	1	1	998		1.58
08b	DH16 @150 T1	DH 16	1	1	1558		2.46
08c	DH16 @150 T1	DH 16	1	1	2118		3.34
08d	DH16 @150 T1	DH 16	1	1	2678		4.23
08e	DH16 @150 T1	DH 16	1	1	3238		5.11
08f	DH16 @150 T1	DH 16	1	1	3798		6.00
08g	DH16 @150 T1	DH 16	1	1	4358		6.88

Job: Fletcher Reinforcing					BBS-03			
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023			
DECK REINFORCEMENT		REV-2						
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG	
08h	DH16 @150 T1	DH 16	1	1	4918		7.76	
08i	DH16 @150 T1	DH 16	1	1	5473		8.64	
08j	DH16 @150 T1	DH 16	1	1	6033		9.52	
08k	DH16 @150 T1	DH 16	1	1	6593		10.41	
08l	DH16 @150 T1	DH 16	1	1	7153		11.29	
09a	DH16 @150 T1	DH 16	1	1	1578		2.49	
09b	DH16 @150 T1	DH 16	1	1	2933		4.63	
09c	DH16 @150 T1	DH 16	1	1	2693		4.25	
09d	DH16 @150 T1	DH 16	1	1	4053		6.40	
09e	DH16 @150 T1	DH 16	1	1	3818		6.03	
09f	DH16 @150 T1	DH 16	1	1	5178		8.17	
09g	DH16 @150 T1	DH 16	1	1	4938		7.79	
09h	DH16 @150 T1	DH 16	1	1	6298		9.94	
09i	DH16 @150 T1	DH 16	1	1	6053		9.55	

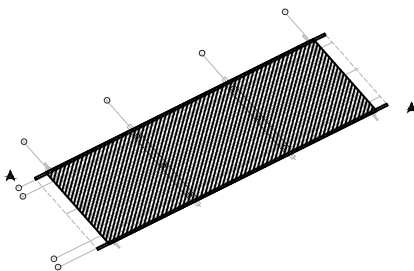
Job: Fletcher Reinforcing					BBS-03			
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023			
DECK REINFORCEMENT		REV-2						
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG	
10a	DH16 @150 T1	DH 16	1	1	2213		3.49	
10b	DH16 @150 T1	DH 16	1	1	1978		3.12	
10c	DH16 @150 T1	DH 16	1	1	3333		5.26	
10d	DH16 @150 T1	DH 16	1	1	3093		4.88	
10e	DH16 @150 T1	DH 16	1	1	4453		7.03	
10f	DH16 @150 T1	DH 16	1	1	4213		6.65	
10g	DH16 @150 T1	DH 16	1	1	5573		8.80	
10h	DH16 @150 T1	DH 16	1	1	5333		8.42	
10i	DH16 @150 T1	DH 16	1	1	6693		10.57	
11a	DH20 @100 T1	DH 20	665	665	3125		5125.63	
11b	DH20 @100 T1	DH 20	1	1	810		2.00	
11c	DH20 @100 T1	DH 20	1	1	1185		2.92	
11d	DH20 @100 T1	DH 20	1	1	1555		3.84	
11e	DH20 @100 T1	DH 20	1	1	1930		4.76	

Job: Fletcher Reinforcing					BBS-03			
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023			
DECK REINFORCEMENT		REV-2						
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG	
11f	DH20 @100 T1	DH 20	1	1	2300		5.67	
11g	DH20 @100 T1	DH 20	1	1	2675		6.60	
11h	DH20 @100 T1	DH 20	1	1	2730		6.73	
11i	DH20 @100 T1	DH 20	1	1	2355		5.81	
11j	DH20 @100 T1	DH 20	1	1	1985		4.90	
11k	DH20 @100 T1	DH 20	1	1	1610		3.97	
11l	DH20 @100 T1	DH 20	1	1	1240		3.06	
11m	DH20 @100 T1	DH 20	1	1	865		2.13	
12a	DH20 @100 T1	DH 20	1	1	885		2.18	
12b	DH20 @100 T1	DH 20	1	1	1260		3.11	
12c	DH20 @100 T1	DH 20	1	1	1630		4.02	
12d	DH20 @100 T1	DH 20	1	1	2005		4.95	
12e	DH20 @100 T1	DH 20	1	1	2380		5.87	
12f	DH20 @100 T1	DH 20	1	1	2750		6.78	

Job: Fletcher Reinforcing					BBS-03			
Location: T1 LAYER DECK REINFORCEMENT DETAIL					Date: 24/06/2023			
DECK REINFORCEMENT		REV-2						
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG	
12g	DH20 @100 T1	DH 20	664	664	3125		5117.93	2
12h	DH20 @100 T1	DH 20	1	1	3030		7.47	2
12i	DH20 @100 T1	DH 20	1	1	2655		6.55	2
12j	DH20 @100 T1	DH 20	1	1	2280		5.62	2
12k	DH20 @100 T1	DH 20	1	1	1910		4.71	2
12l	DH20 @100 T1	DH 20	1	1	1535		3.79	2
12m	DH20 @100 T1	DH 20	1	1	1160		2.86	2
12n	DH20 @100 T1	DH 20	1	1	790		1.95	2
13	DH12 @ 200 T1	DH 12	335	335	1838		546.72	
14	DH16 @ 125 STIRRUPS	DH 16	1074	1074	1241		2103.93	
All mentioned length in shapes are to be outside to outside of rebar						Total Weight	26489.76	
Summary Of Bars								
Size	Weight							
12	546.7							
16	15587.2							
20	10355.8							
25	0.0							
32	0.0							
40	0.0							
Total Weight	26489.8							



T2 LAYER DECK SLAB REINFORCEMENT PLAN
SCALE 1:200



KEY PLAN

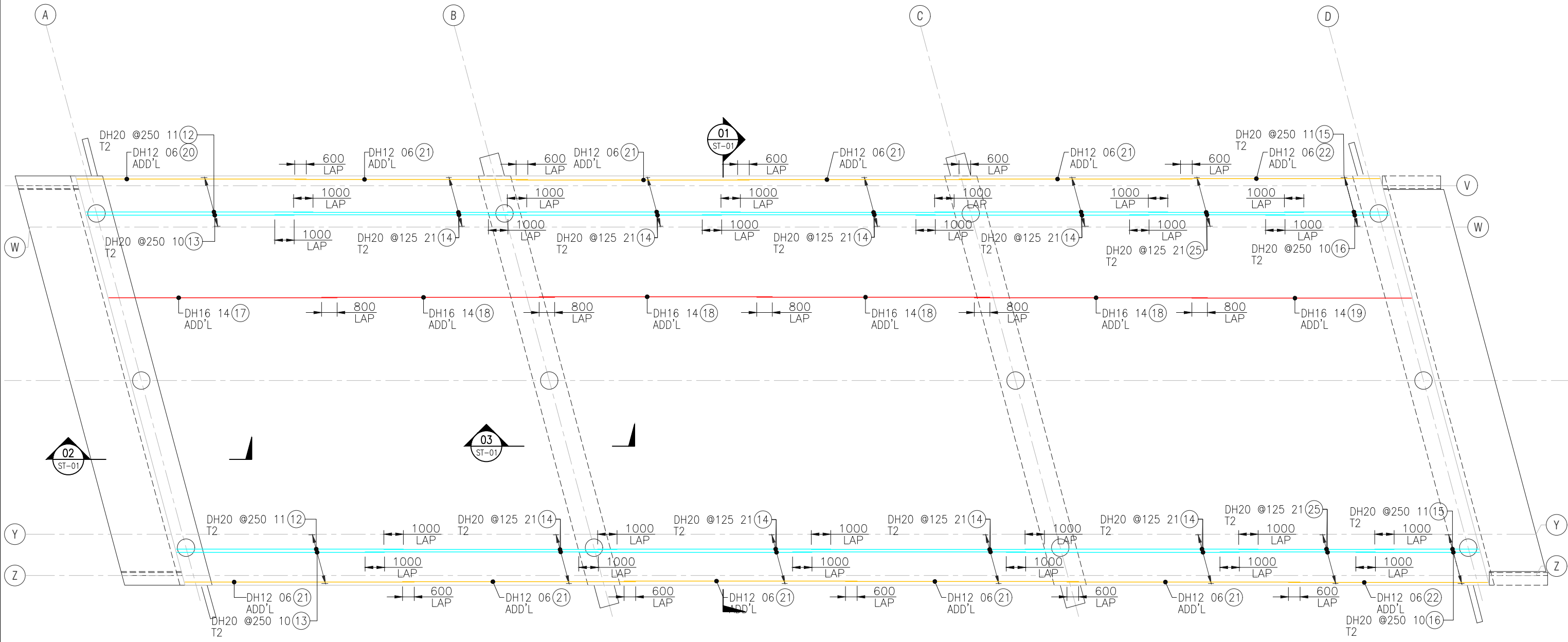
Rev.	Date	Revision Details	By	Ver.	App.
02	24-06-2023	REVISED AS PER COMMENTS			
01	27-03-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			



Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	SN	
Drafting Check :	HP	

Project :	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	T2 DECK SLAB REINFORCEMENT PLAN

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-04 (01 of 02)
Rev.	2



T2 LAYER DECK SLAB REINFORCEMENT PLAN
SCALE 1:200

Rev.	Date	Revision Details	By	Ver.	App.
02	24-06-2023	REVISED AS PER COMMENTS			
01	27-03-2023	REVISED AS PER COMMENTS			
00	31-01-2023	ISSUED FOR REVIEW			

KEY PLAN



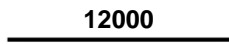
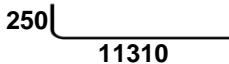
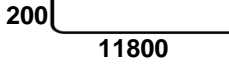
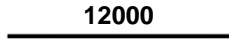
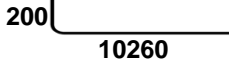
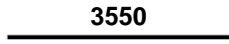
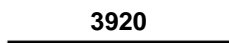
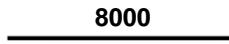
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Designed :		
Design Review :		
Drawn :	AT	
Drafting Check :	HP	

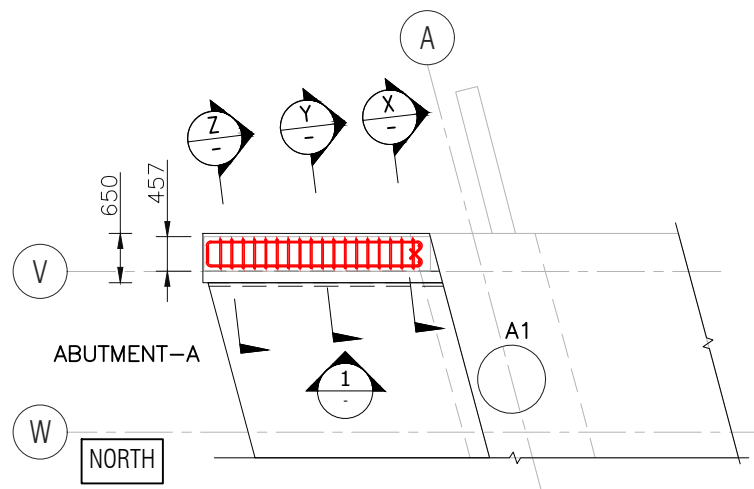
Project:	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	T2 DECK SLAB FOOTPATH REINFORCEMENT PLAN

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-04 (02 of 02)
Rev.	2

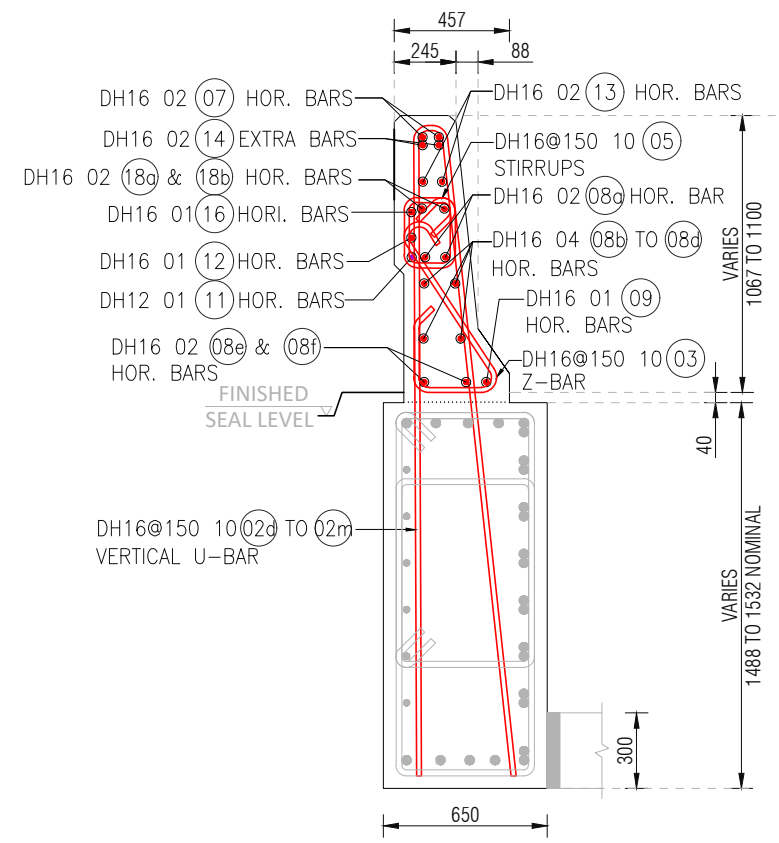
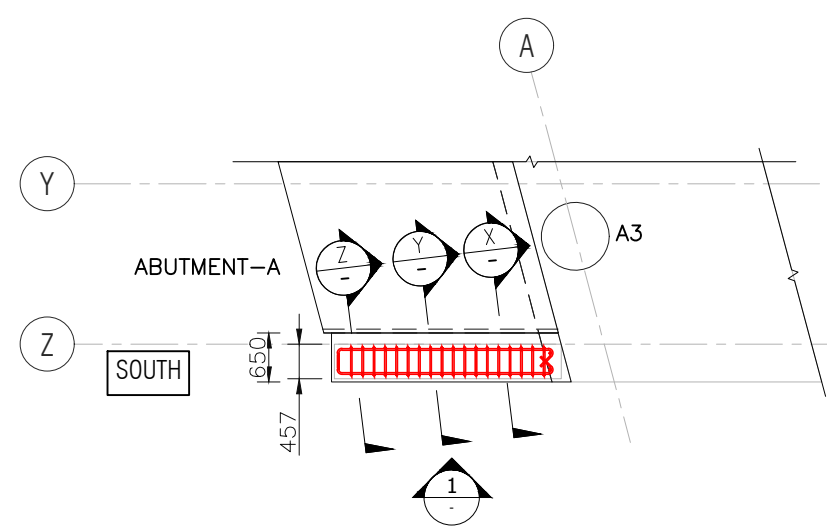
Job: EASTERN GULLY BRIDGE						BBS-04	
Location: Slab Reinforcment Detail						Date: 24/06/2023	
DECK SLAB TOP (T2) REINFORCEMENT		REV-2					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
01	DH16 @250 T2	DH 16	128	128	11968	300 | _____ 11700	2418.17
02	DH16 @250 T2	DH 16	128	128	11168	300 | _____ 10900	2256.53
03	DH16 @250 T2	DH 16	128	128	8630	_____ 8630	1743.72
04	DH16 @250 T2	DH 16	128	128	8430	_____ 8430	1703.31
05	DH25 @250 T2	DH 25	256	256	7000	_____ 7000	6906.12
06	DH16 @250 T2	DH 16	64	64	11800	_____ 11800	1192.11
07	DH16 @250 T2	DH 16	64	64	12000	_____ 12000	1212.32
08	DH16 @250 T2	DH 16	64	64	8000	_____ 8000	808.21
09	DH16 @250 T2	DH 16	64	64	7800	_____ 7800	788.01
10	DH25 @250 ADDITIONAL	DH 25	128	128	5730	600 | _____ 5180	2826.57
11	DH25 @250 ADDITIONAL	DH 25	128	128	4730	600 | _____ 4180	2333.28
12	DH20 @250 T2	DH 20	22	22	11960	310 | _____ 11690	648.98
13	DH20 @250 T2	DH 20	20	20	10960	310 | _____ 10690	540.65
14	DH20 @125 T2	DH 20	168	168	12000	_____ 12000	4972.40
15	DH20 @250 T2	DH 20	22	22	5640	310 | _____ 5370	306.04
16	DH20 @250 T2	DH 20	20	20	6640	310 | _____ 6370	327.55
17	DH16 ADDITIONAL	DH 16	14	14	11968	250 | _____ 11750	264.49



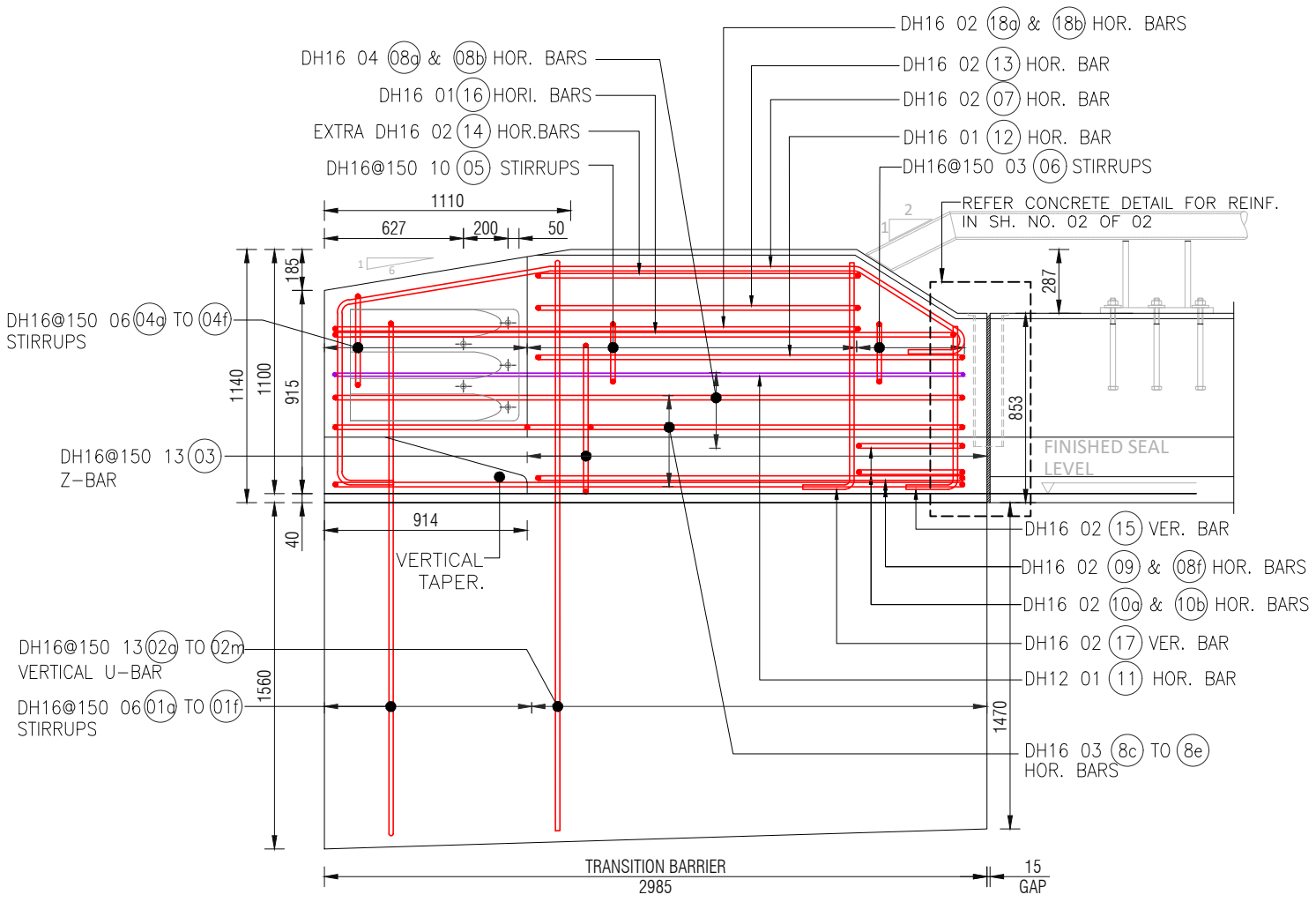
Job: EASTERN GULLY BRIDGE						BBS-04	
Location: Slab Reinforcment Detail						Date: 24/06/2023	
DECK SLAB TOP (T2) REINFORCEMENT			REV-2				
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
18	DH16 ADDITIONAL	DH 16	56	56	12000		1060.78
19	DH16 ADDITIONAL	DH 16	14	14	11528		254.76
20	DH12 ADDITIONAL	DH 12	12	12	11976		127.61
21	DH12 ADDITIONAL	DH 12	48	48	12000		511.45
22	DH12 ADDITIONAL	DH 12	12	12	10436		111.20
23	4-DH16 AT BARRIER	DH 16	16	16	3550		89.66
24	4-DH16 AT BARRIER	DH 16	120	120	3920		742.55
25	DH20 @125 T2	DH 20	42	42	8000		828.73
						Total Weight	34975.20
Summary Of Bars							
	Size	Weight					
	12	750.3					
	16	14534.6					
	20	7624.4					
	25	12066.0					
	32	0.0					
	Total Weight	34975.2					



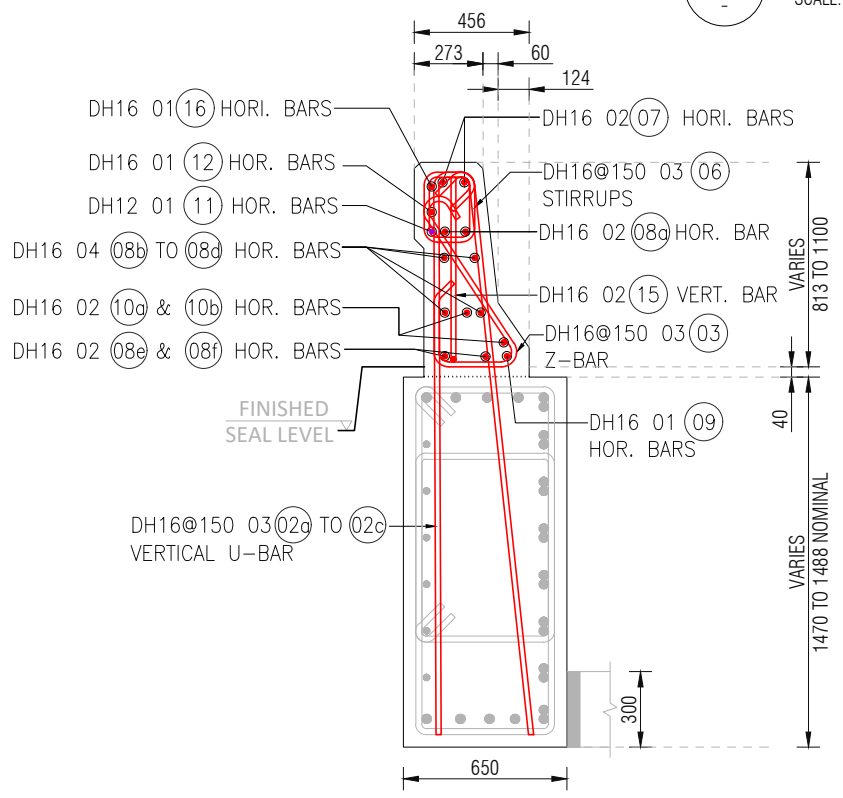
ABUTMENT - A TRANSITION BARRIER REIN. PLAN
SCALE 1:100



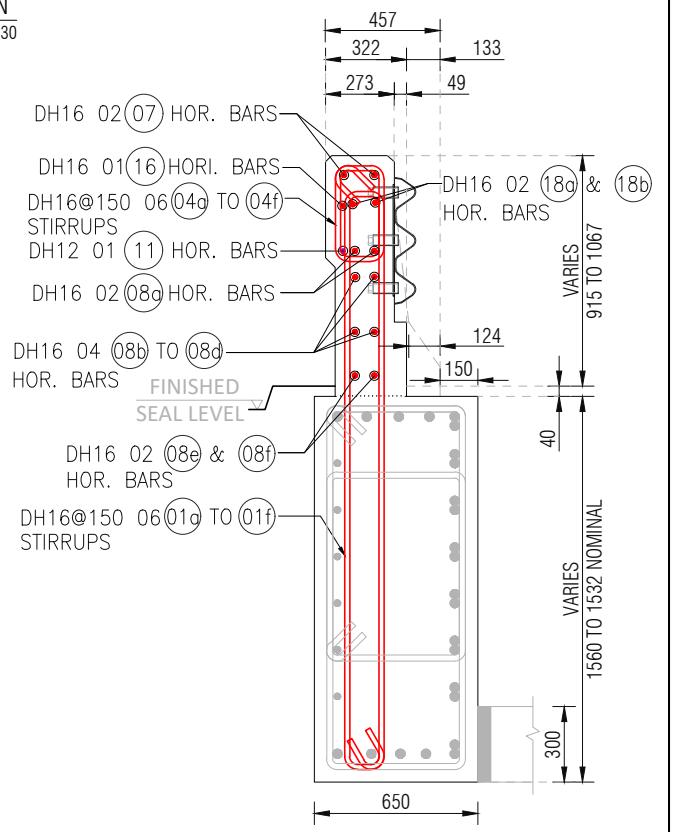
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SCALE: 1:30



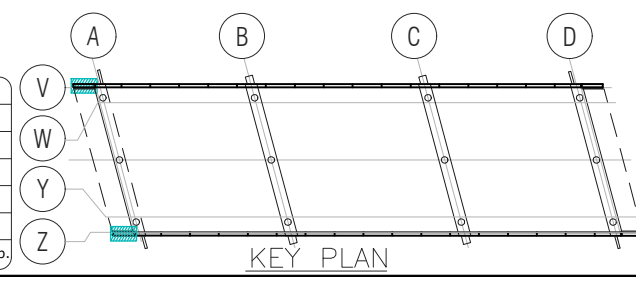
1 ELEVATION
SCALE: 1:30



SECTION X
SCALE: 1:30



SECTION Z
SCALE: 1:30



KEY PLAN

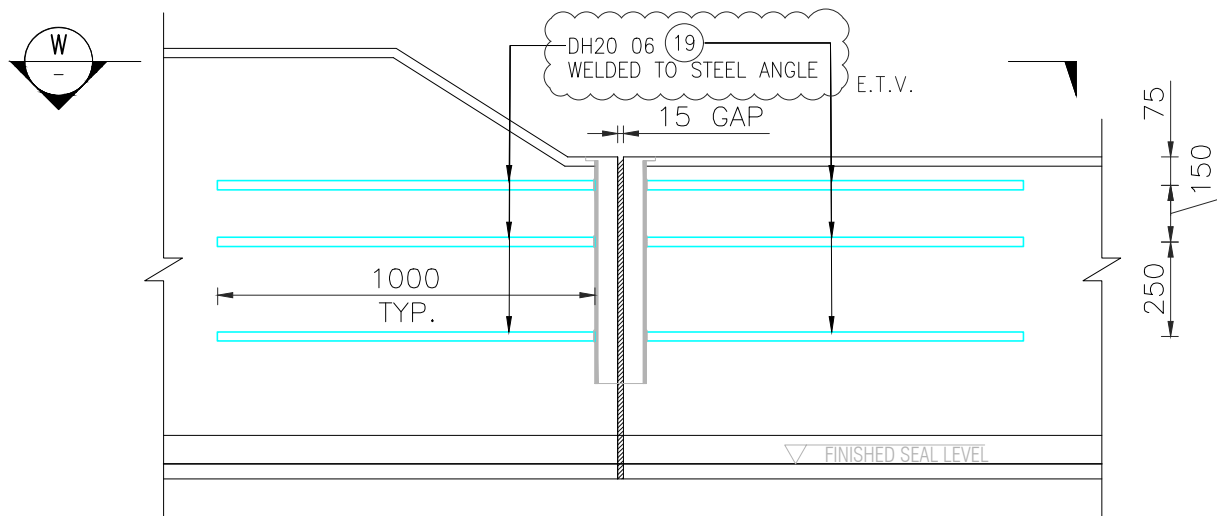
Rev.	Date	Revision Details	By	Ver.	App.
00	21-12-2023	ISSUED FOR APPROVAL			



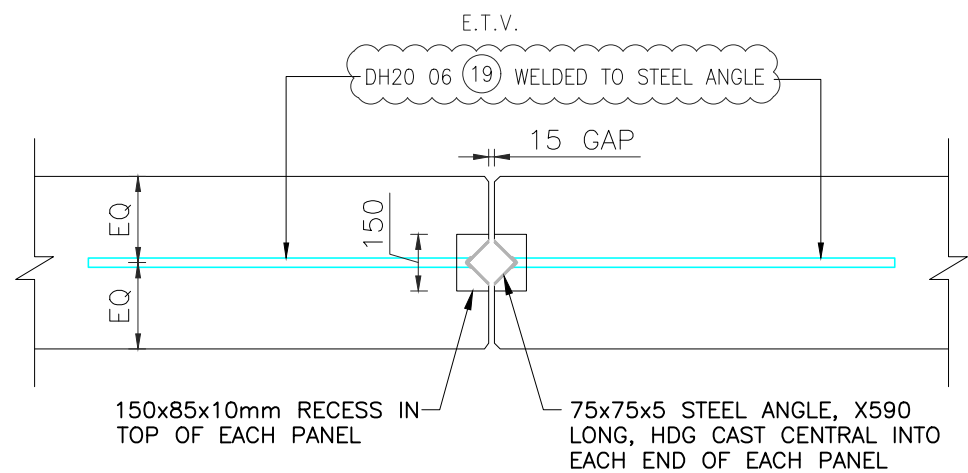
Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	PM	
Drafting Check :	HP	

Project :	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	ABUTMENT A TRANSITION BARRIER REINFORCEMENT DETAILS

Project No.	
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-05
Rev.	0
	(01 of 02)



CONCRETE DETAIL
 SCALE 1:20
 (MAIN RIENF. NOT SHOWN FOR BETTER CLARITY)



PLAN
 SCALE 1:20

Rev.	Date	Revision Details	By	Ver.	App.
00	21-12-2023	ISSUED FOR APPROVAL			



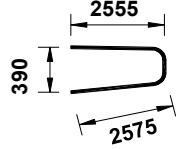
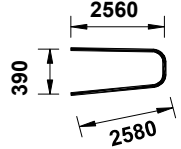
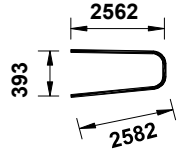
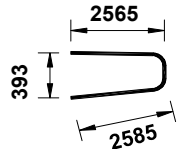
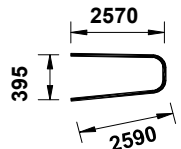
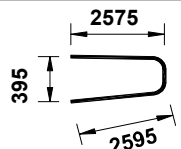
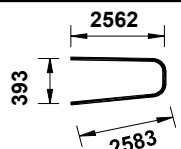
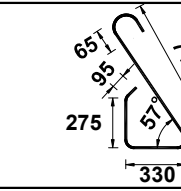
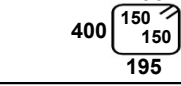
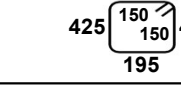
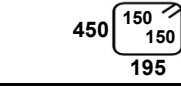
E.T.V - ENGINEER TO VERIFY

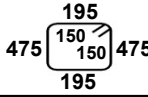
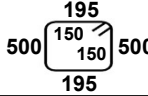
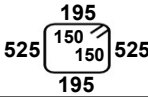
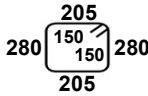
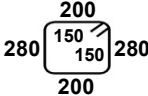
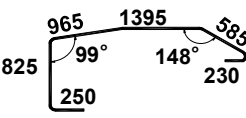
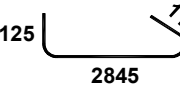
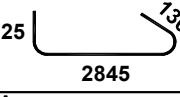
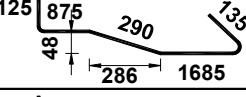
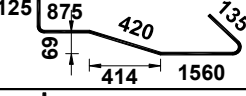
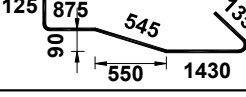
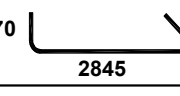
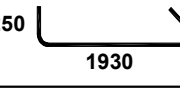
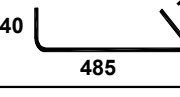
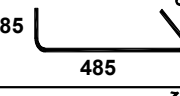
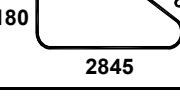
Project Director :	Initials :	Date :
Designed :		
Design Review :		
Drawn :	SK	
Drafting Check :	HP	

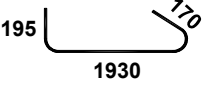
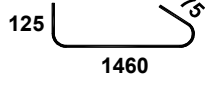
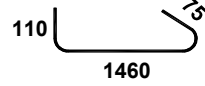
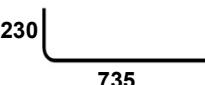
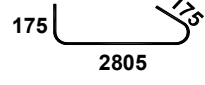
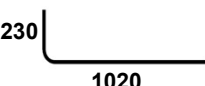
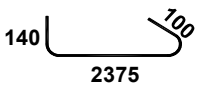
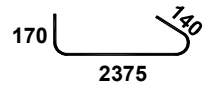
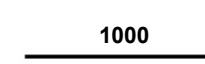
Project:	PEACOCKE WHATUKOORURU DRIVE EASTERN GULLY BRIDGE
Drawing Title :	ABUTMENT A TRANSITION BARRIER REINFORCEMENT DETAIL-1

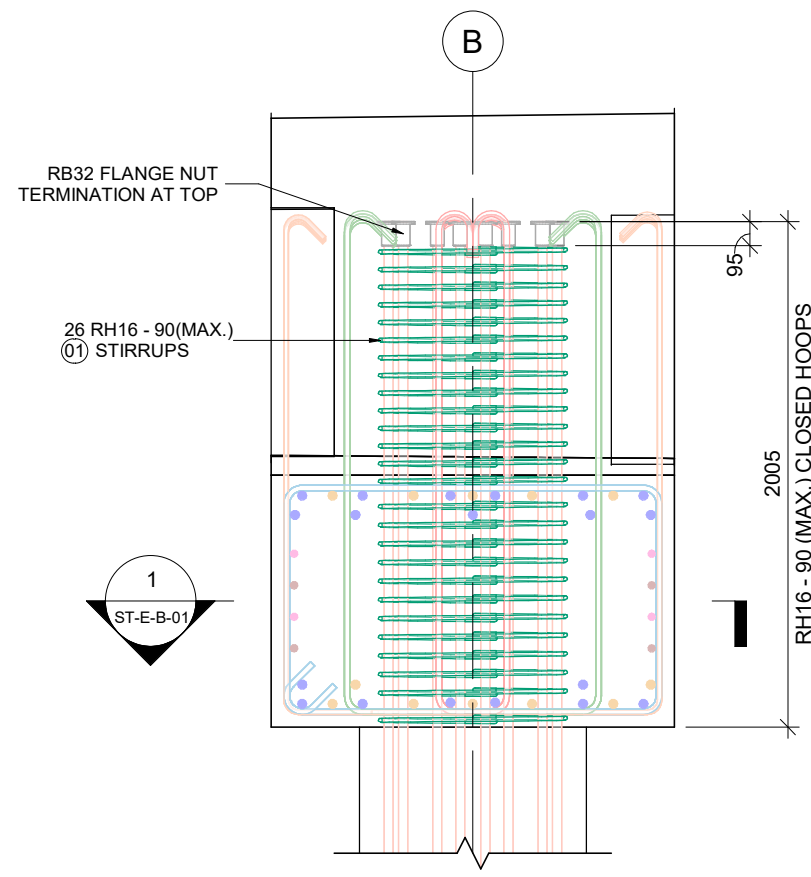
Project No.	-
Scale :	AS SHOWN original sheet size A3
Drawing No.	ST-05 (02 of 02)
Rev.	0

Job: Peacocke Bridge (Eastern Gully)							
Location: Abutment- A TRANSITION BARRIER REINFORCEMENT						Date: 21/12/2023	
TRANSITION BARRIER			REV-0				
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
NORTH & SOUTH REINFORCEMENT							
01a	DH16 @150 STIRRUPS	DH 16	2	2	5008		15.81
01b	DH16 @150 STIRRUPS	DH 16	2	2	5018		15.84
01c	DH16 @150 STIRRUPS	DH 16	2	2	5028		15.87
01d	DH16 @150 STIRRUPS	DH 16	2	2	5038		15.91
01e	DH16 @150 STIRRUPS	DH 16	2	2	5048		15.94
01f	DH16 @150 STIRRUPS	DH 16	2	2	5058		15.97
02a	DH16 @150 VERTICAL U-BARS	DH 16	2	2	4509		14.24
02b	DH16 @150 VERTICAL U-BARS	DH 16	2	2	4709		14.87
02c	DH16 @150 VERTICAL U-BARS	DH 16	2	2	4909		15.50
02d	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5051		15.95
02e	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5061		15.98
02f	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5071		16.01

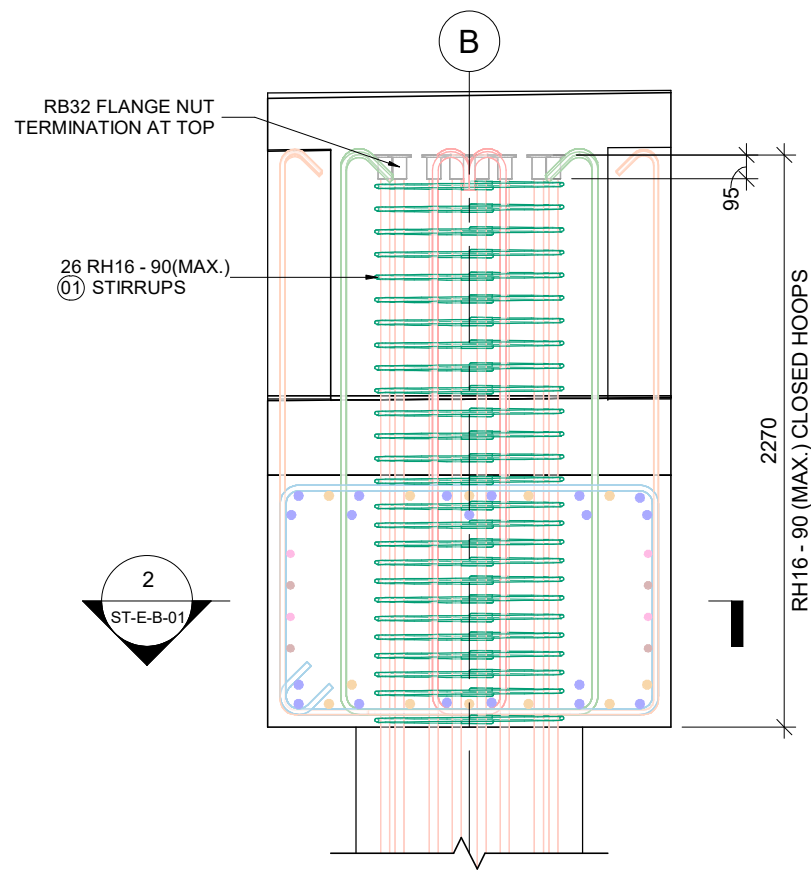
Job: Peacocke Bridge (Eastern Gully)							
Location: Abutment- A TRANSITION BARRIER REINFORCEMENT						Date: 21/12/2023	
TRANSITION BARRIER		REV-0					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
02g	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5081		16.04
02h	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5091		16.07
02i	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5095		16.09
02j	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5103		16.11
02k	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5111		16.14
02l	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5121		16.17
02m	DH16 @150 VERTICAL U-BARS	DH 16	2	2	5096		16.09
03	DH16 @150 Z-BARS	DH 16	26	26	1352		55.49
04a	DH16 @150 STIRRUPS	DH 16	2	2	1298		4.10
04b	DH16 @150 STIRRUPS	DH 16	2	2	1348		4.26
04c	DH16 @150 STIRRUPS	DH 16	2	2	1398		4.41

Job: Peacocke Bridge (Eastern Gully)							
Location: Abutment- A TRANSITION BARRIER REINFORCEMENT						Date: 21/12/2023	
TRANSITION BARRIER		REV-0					
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
04d	DH16 @150 STIRRUPS	DH 16	2	2	1448		4.57
04e	DH16 @150 STIRRUPS	DH 16	2	2	1498		4.73
04f	DH16 @150 STIRRUPS	DH 16	2	2	1548		4.89
05	DH16 @150 STIRRUPS	DH 16	20	20	1078		34.03
06	DH16 @150 STIRRUPS	DH 16	6	6	1068		10.12
07	DH16 HORIZONTAL BARS	DH 16	4	4	4154		26.23
08a	DH16 HORIZONTAL BAR	DH 16	4	4	3000		18.94
08b	DH16 HORIZONTAL BAR	DH 16	4	4	3020		19.07
08c	DH16 HORIZONTAL BAR	DH 16	2	2	2998		9.46
08d	DH16 HORIZONTAL BAR	DH 16	2	2	3003		9.48
08e	DH16 HORIZONTAL BAR	DH 16	2	2	2998		9.46
08f	DH16 HORIZONTAL BAR	DH 16	2	2	3255		10.28
09	DH16 HORIZONTAL BAR	DH 16	2	2	2420		7.64
10a	DH16 HORIZONTAL BAR	DH 16	2	2	645		2.04
10b	DH16 HORIZONTAL BAR	DH 16	2	2	995		3.14
11	DH12 HORIZONTAL BAR	DH 12	2	2	3105		5.51

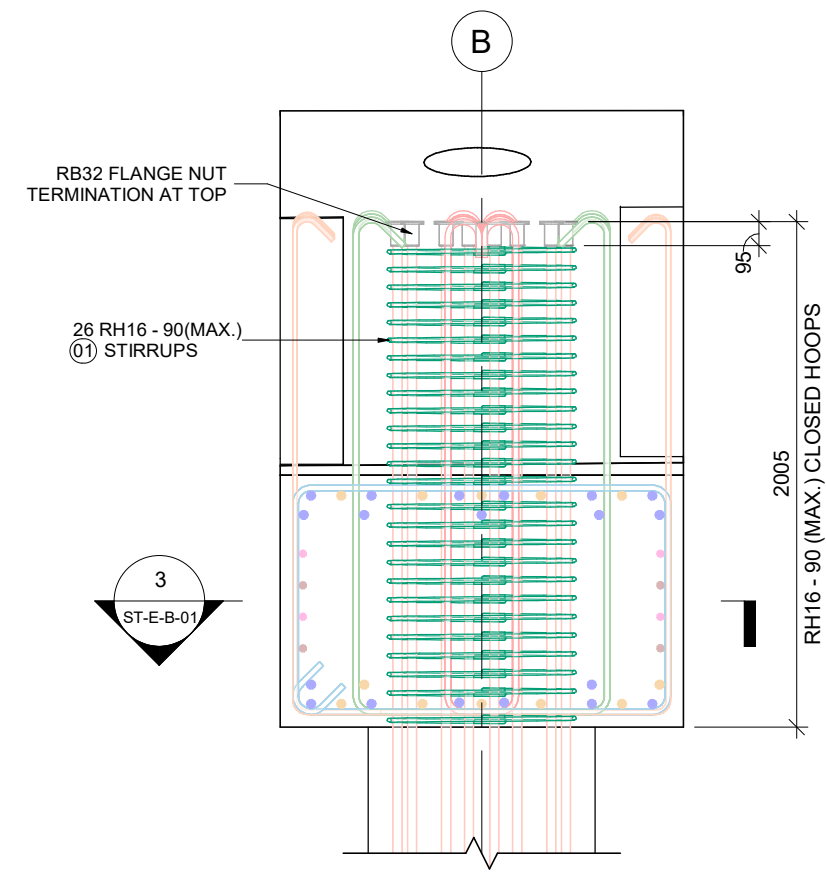
Job: Peacocke Bridge (Eastern Gully)							
Location: Abutment- A TRANSITION BARRIER REINFORCEMENT						Date: 21/12/2023	
TRANSITION BARRIER			REV-0				
Tag	Description	Item	Unit Qty.	Total Qty.	LENGTH	Image/Sketch	TOTAL Wt KG
12	DH16 HORIZONTAL BAR	DH 16	2	2	2215		6.99
13	DH16 HORIZONTAL BAR	DH 16	4	4	1580		9.98
14	DH16 EXTRA HORIZONTAL BAR	DH 16	4	4	1565		9.88
15	DH16 VERTICAL BAR	DH 16	4	4	933		5.89
16	DH16 HORIZONTAL BAR	DH 16	2	2	3075		9.71
17	DH16 VERTICAL BAR	DH 16	4	4	1218		7.69
18a	DH16 HORIZONTAL BAR	DH 16	2	2	2535		8.00
18b	DH16 HORIZONTAL BAR	DH 16	2	2	2605		8.22
19	DH20 HORIZONTAL BAR	DH 20	6	6	1000		14.80
All mentioned length in shapes are to be outside to outside of rebar						Total Weight	629.59
Summary Of Bars							
		Size	Weight				
		12	5.5				
		16	609.3				
		20	14.8				
		25	0.0				
		32	0.0				
		Total Weight	629.6				



PIER - B_B1 PILE REINFORCEMENT
SCALE 1 : 30

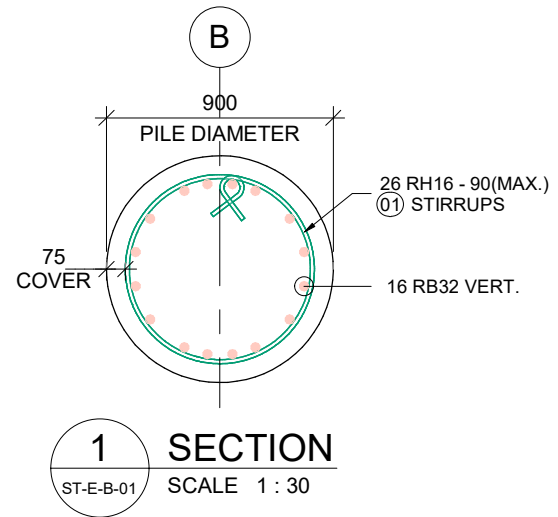


PIER - B_B2 PILE REINFORCEMENT
SCALE 1 : 30

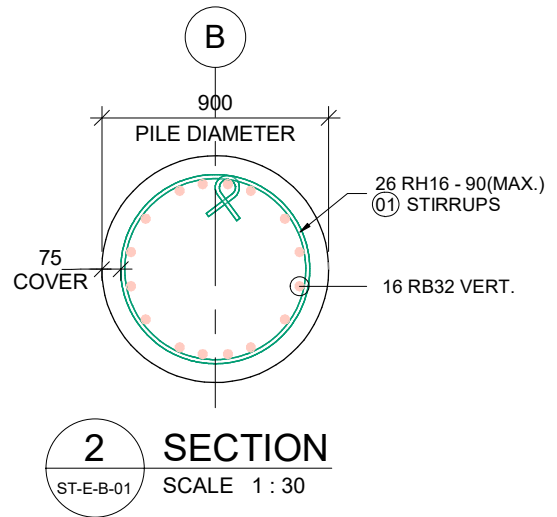


PIER - B_B3 PILE REINFORCEMENT
SCALE 1 : 30

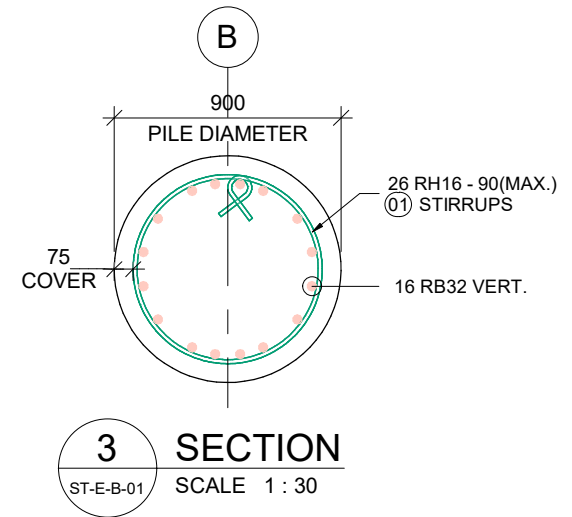
KEY LEGEND	
1 DIA - 00	BAR POSITION
01	BAR MARK
01	SPACING
0	BAR DIAMETER
0	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



1 SECTION
SCALE 1 : 30



2 SECTION
SCALE 1 : 30



3 SECTION
SCALE 1 : 30

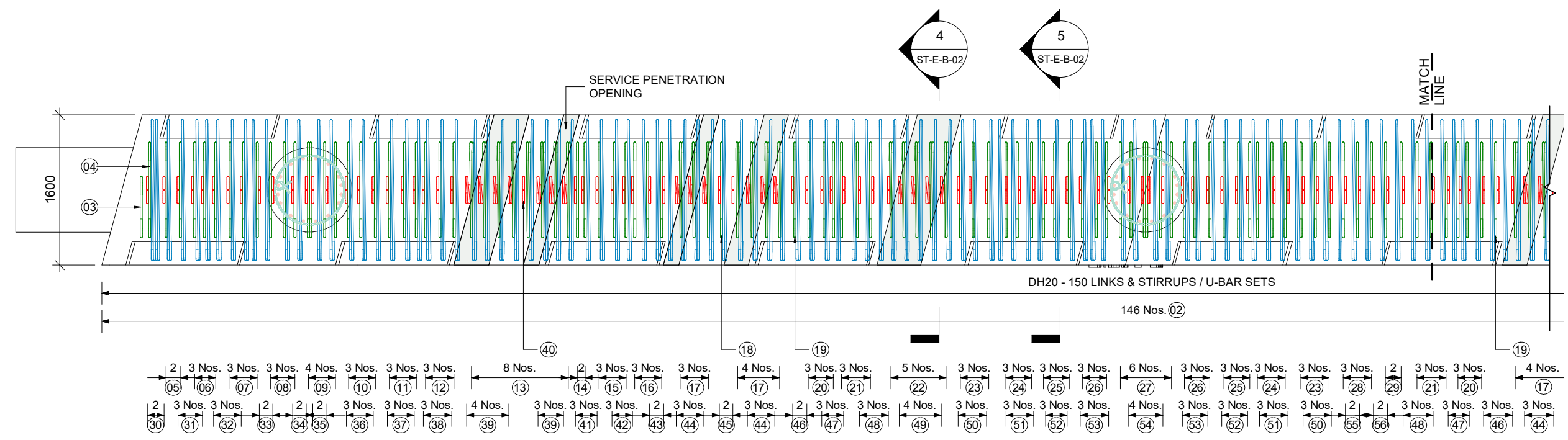
PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00		
MATERIAL FOR:		PIER - B_PILE REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		22.08.2023		
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	01	02	03	Weight Kg	Weight Tons	
01	78	RH16	99a	2752	174	0	0	0	0	0	174	0		96		0	750	375				338.80 kg	0.339	
TOTAL WEIGHT																					338.80 kg		0.339	

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_PILE REINFORCEMENT & BAR BENDING SCHEDULE					
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK								STATUS: ISSUED FOR APPROVAL		SHEET		(C)
				APPROVED												DRG No ST-E-B-01		REV 0			
0	HD	22.08.2023	ISSUED FOR APPROVAL																		
REV.	BY	DATE	DESCRIPTION	APPD.																	
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied									

KEY LEGEND

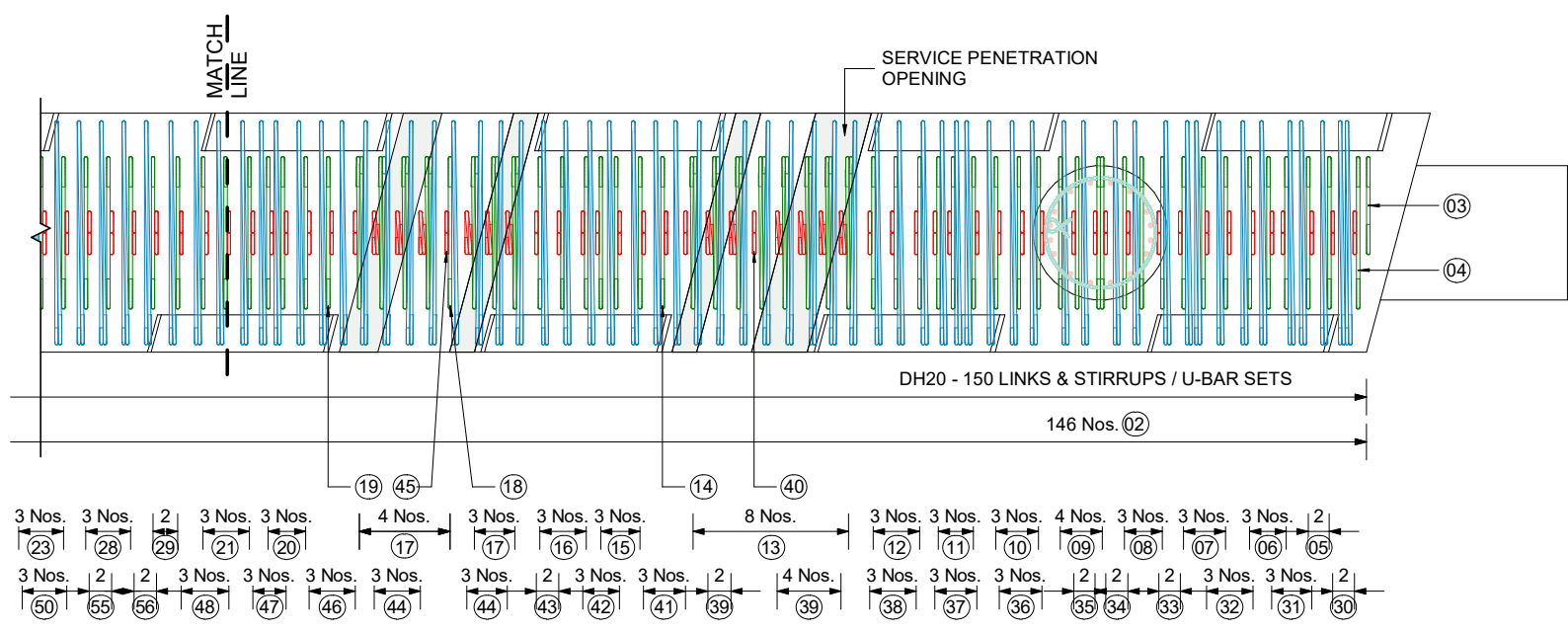
1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



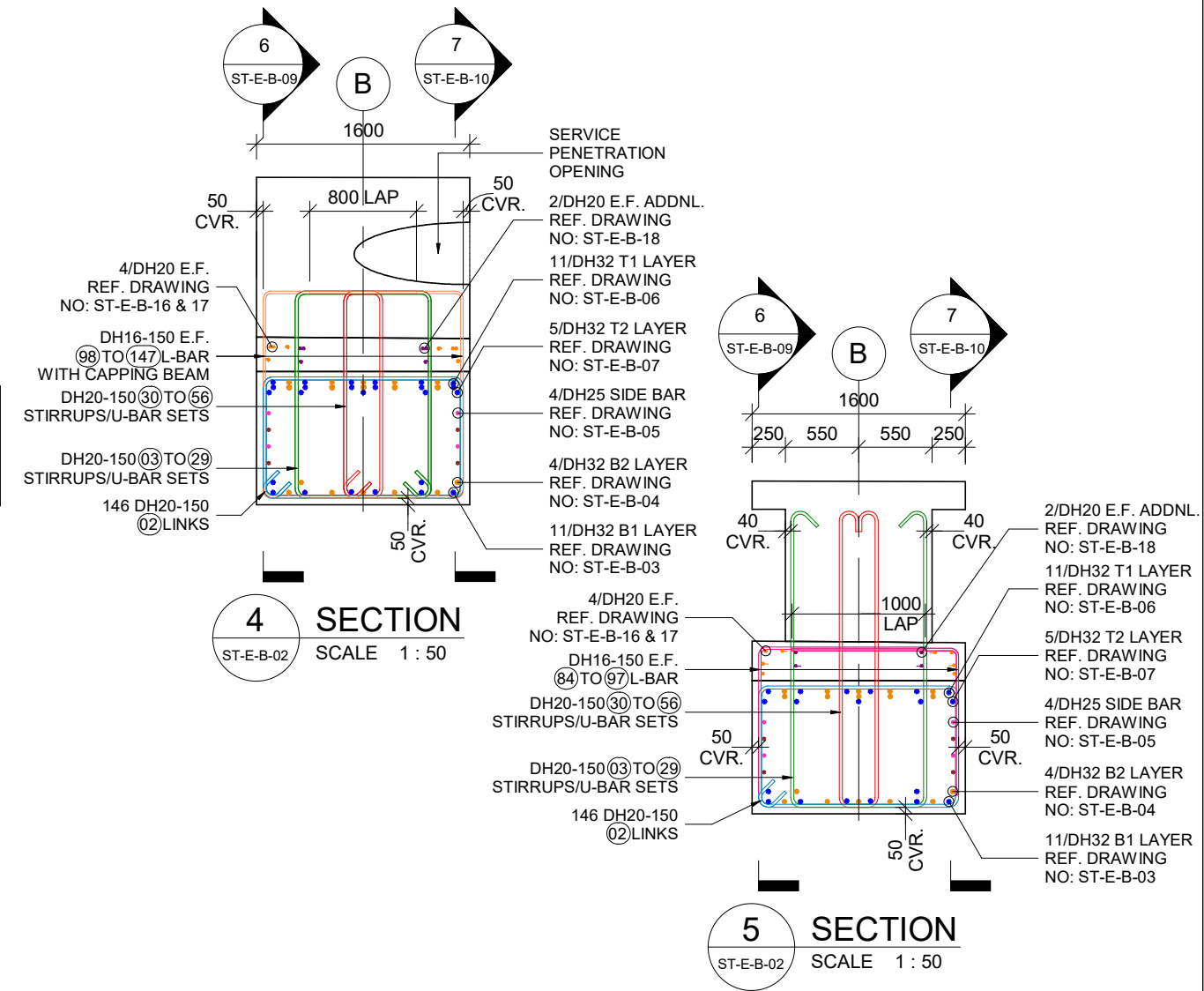
PIER - B CROSSHEAD DOWNSTAND LINKS & STIRRUPS / U-BAR SETS REINF. PLAN

SCALE 1 : 50



PIER - B CROSSHEAD DOWNSTAND LINKS & STIRRUPS / U-BAR SETS REINF. PLAN

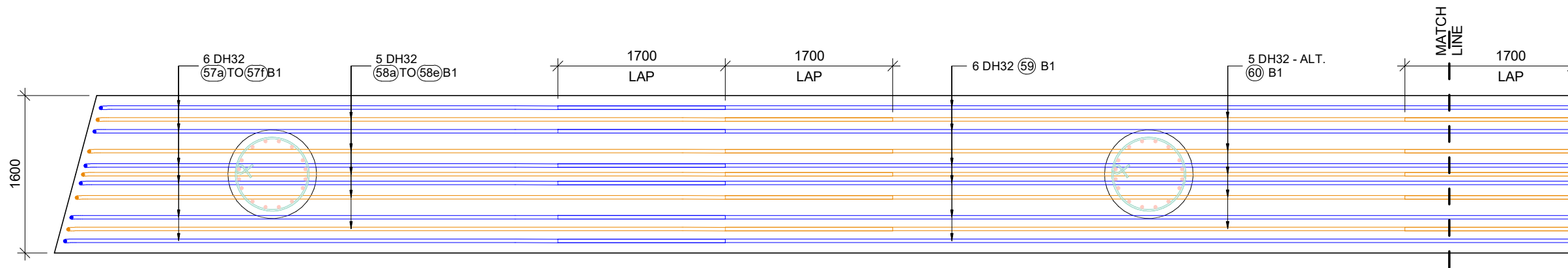
SCALE 1 : 50



4 SECTION
 ST-E-B-02 SCALE 1 : 50

5 SECTION
 ST-E-B-02 SCALE 1 : 50

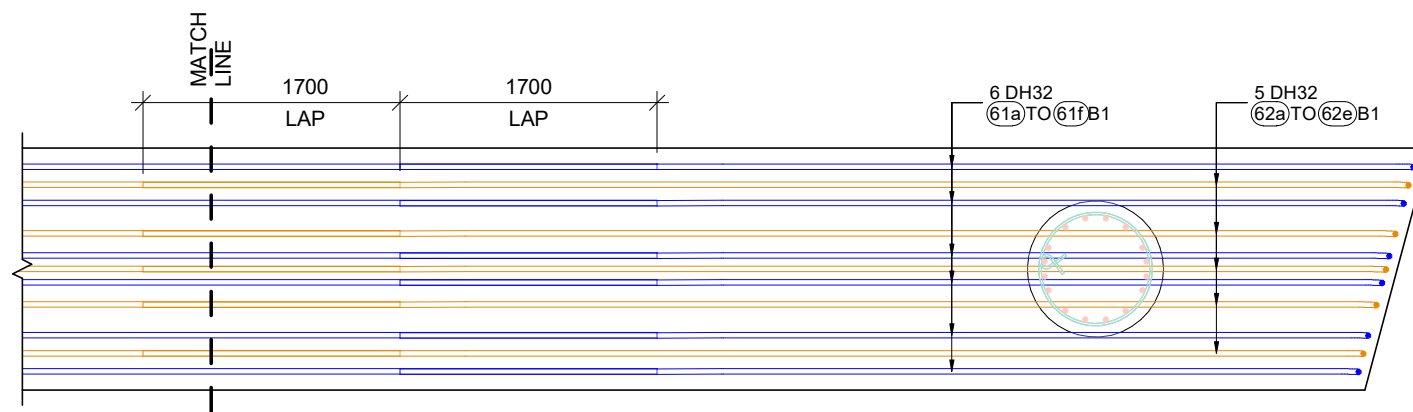
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REV.	BY	DATE	DESCRIPTION	APPD.																
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<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																				



KEY LEGEND	
1	DIA
-00	BAR POSITION
(01)	BAR MARK
0	SPACING
(01)	BAR DIAMETER
(00)	NO. OF BARS
00 Nos.	NO. OF BARS
(00)	BAR MARK

PIER - B BASE OF CROSSHEAD DOWNSTAND B1 LAYER REINFORCEMENT PLAN

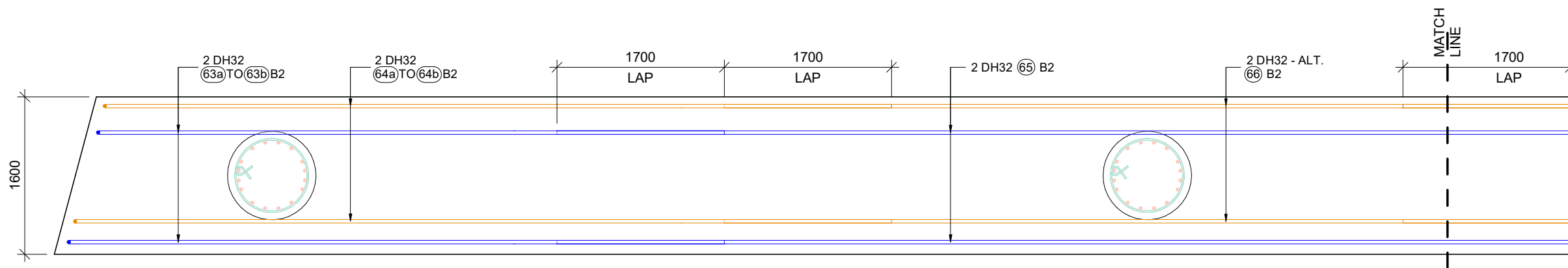
SCALE 1 : 50



PIER - B BASE OF CROSSHEAD DOWNSTAND B1 LAYER REINFORCEMENT PLAN

SCALE 1 : 50

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0	HD	22.08.2023	ISSUED FOR APPROVAL	-														
REV.	BY	DATE	DESCRIPTION	APPD.														
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>				<p>SERVICE PROVIDER</p> 	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-03 REV 0</p>												



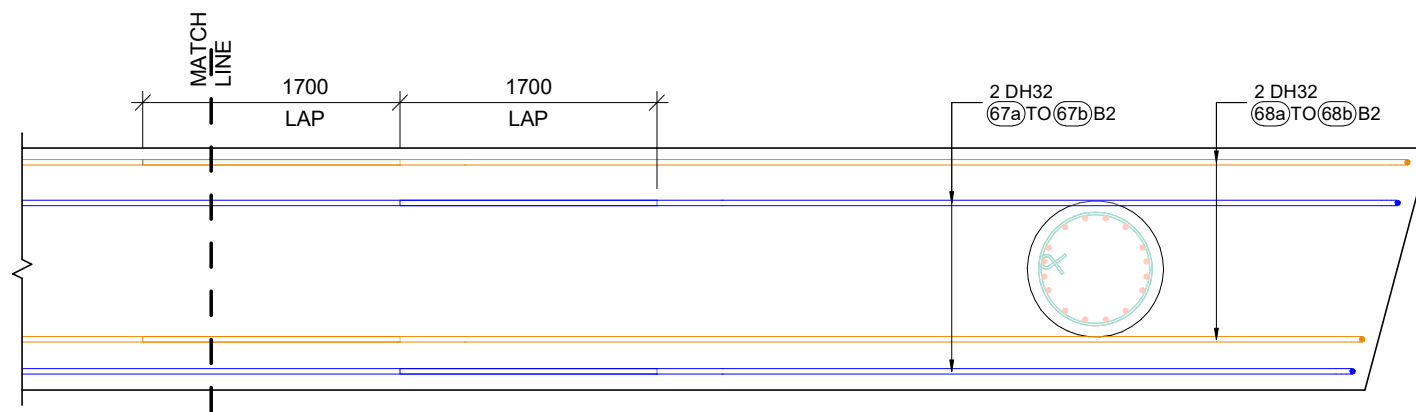
KEY LEGEND

1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. NO. OF BARS
 (00) BAR MARK

PIER - B BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN

SCALE 1 : 50

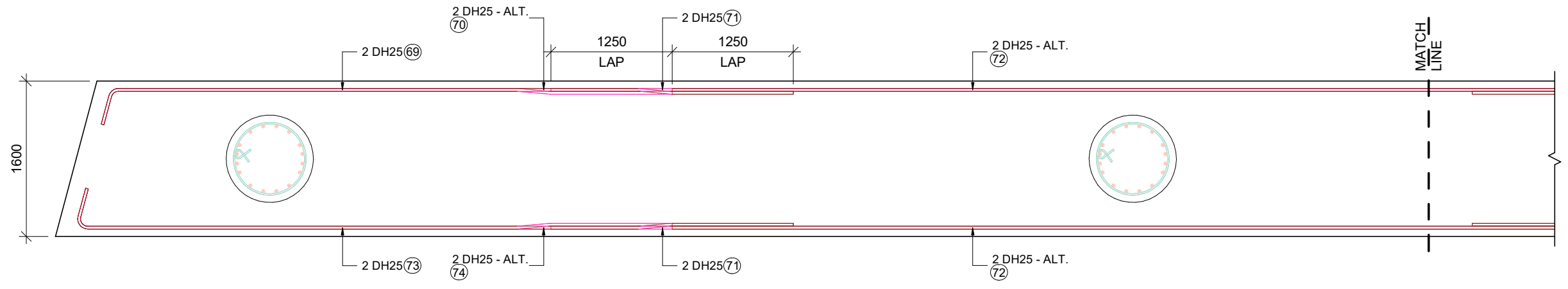


PIER - B BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN

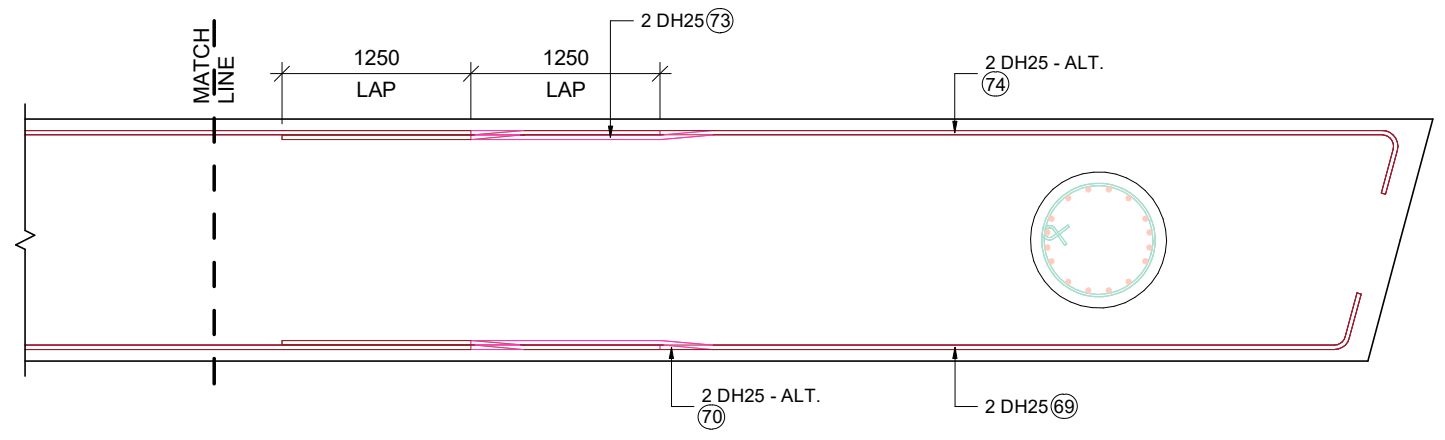
SCALE 1 : 50

SCALES					DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN
0	HD	22.08.2023	ISSUED FOR APPROVAL	-			SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-04 REV 0
REV.	BY	DATE	DESCRIPTION	APPD.	<small>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</small>			

KEY LEGEND	
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-00	BAR POSITION
(01)	BAR MARK
0	SPACING
(01)	BAR DIAMETER
(00)	NO. OF BARS
(00)	BAR MARK



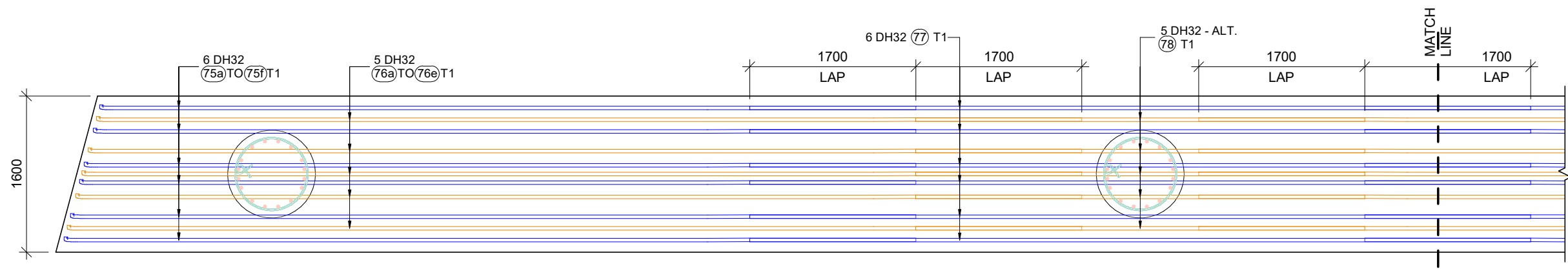
PIER - B CROSSHEAD DOWNSTAND SIDE BAR REINFORCEMENT PLAN
SCALE 1 : 50



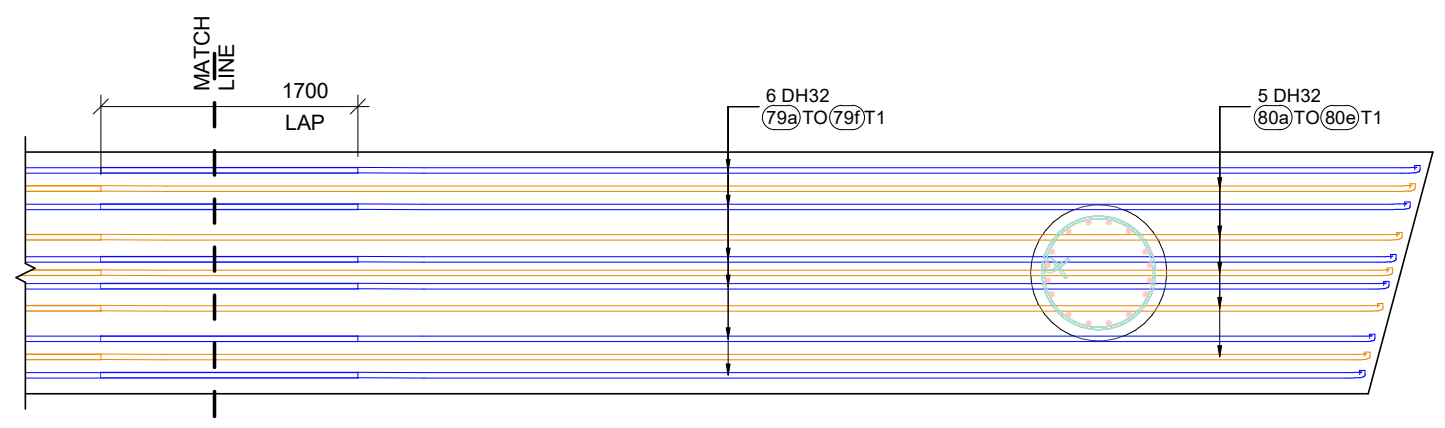
PIER - B CROSSHEAD DOWNSTAND SIDE BAR REINFORCEMENT PLAN
SCALE 1 : 50

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REV.	BY	DATE	DESCRIPTION	APPD.														
0	HD	22.08.2023	ISSUED FOR APPROVAL	-														
<small>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</small>							SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	<table border="1"> <tr> <td>STATUS: ISSUED FOR APPROVAL</td> <td>SHEET</td> <td>(C)</td> </tr> <tr> <td>DRG No ST-E-B-05</td> <td></td> <td>REV 0</td> </tr> </table>	STATUS: ISSUED FOR APPROVAL	SHEET	(C)	DRG No ST-E-B-05		REV 0			
STATUS: ISSUED FOR APPROVAL	SHEET	(C)																
DRG No ST-E-B-05		REV 0																


KEY LEGEND				
1	DIA - 00	01	0	BAR POSITION
		01		BAR MARK
				SPACING
				BAR DIAMETER
				NO. OF BARS
00 Nos.				NO. OF BARS
		00		BAR MARK



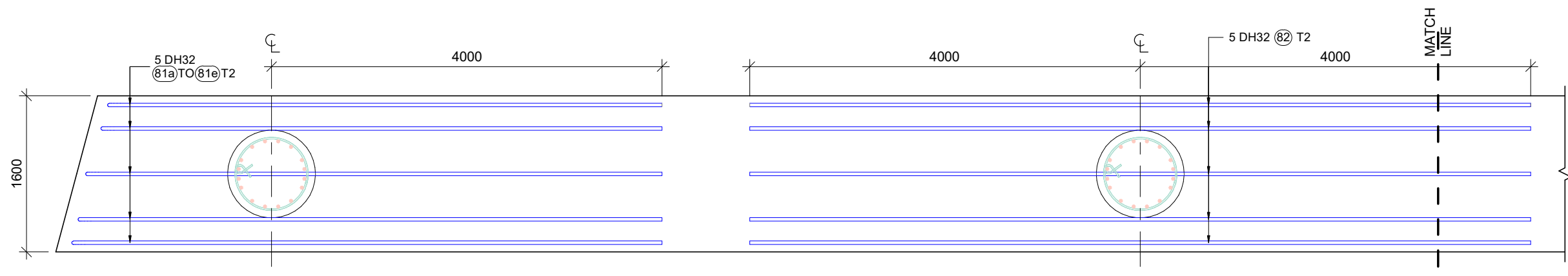
PIER - B TOP OF CROSSHEAD DOWNSTAND T1 LAYER REINFORCEMENT PLAN
SCALE 1 : 50



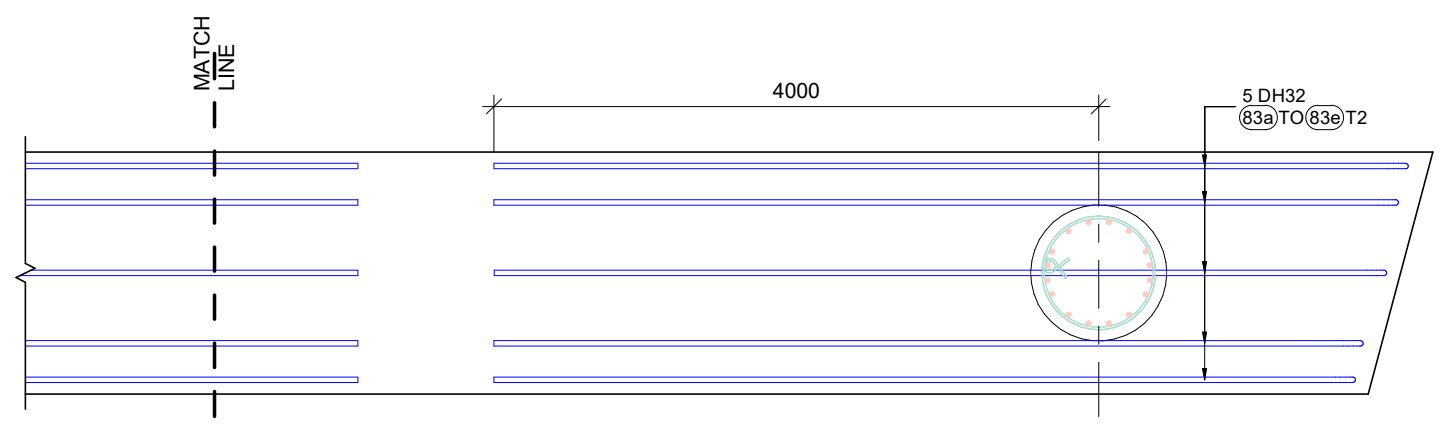
PIER - B TOP OF CROSSHEAD DOWNSTAND T1 LAYER REINFORCEMENT PLAN
SCALE 1 : 50

SCALES					DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)											
SERVICE PROVIDER							DRAWN	PIER - B TOP OF CROSSHEAD DOWNSTAND T1 LAYER REINFORCEMENT PLAN											
											DESIGNED	STATUS: ISSUED FOR APPROVAL							
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REV.	BY	DATE	DESCRIPTION	APPD.															
0	HD	22.08.2023	ISSUED FOR APPROVAL	-															
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied							DESIGN CHECK	(C)											
							APPROVED	DRG No ST-E-B-06											
							REV 0												

KEY LEGEND				
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			(01)	BAR MARK
				SPACING
				BAR DIAMETER
				NO. OF BARS
00 Nos.				NO. OF BARS
(00)				BAR MARK

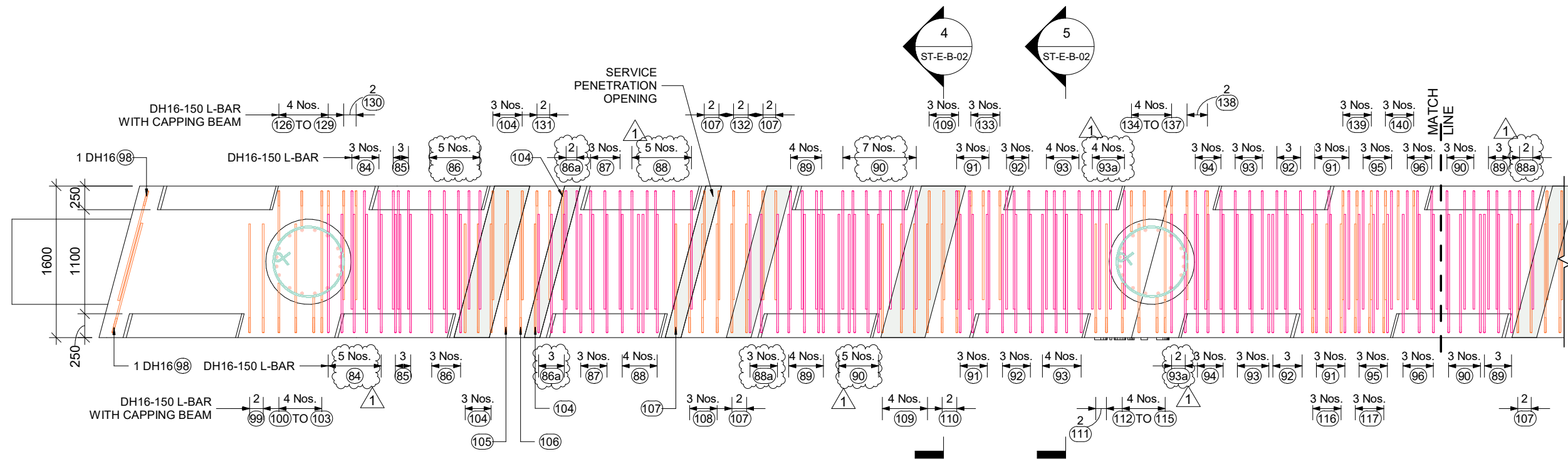


PIER - B TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN
SCALE 1 : 50



PIER - B TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN
SCALE 1 : 50

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>HD</td> <td>22.08.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>					REV.	BY	DATE	DESCRIPTION	APPD.	0	HD	22.08.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN</p>
REV.	BY	DATE	DESCRIPTION	APPD.															
0	HD	22.08.2023	ISSUED FOR APPROVAL	-															
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>								<p>SERVICE PROVIDER</p> 	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-07 REV 0</p>									

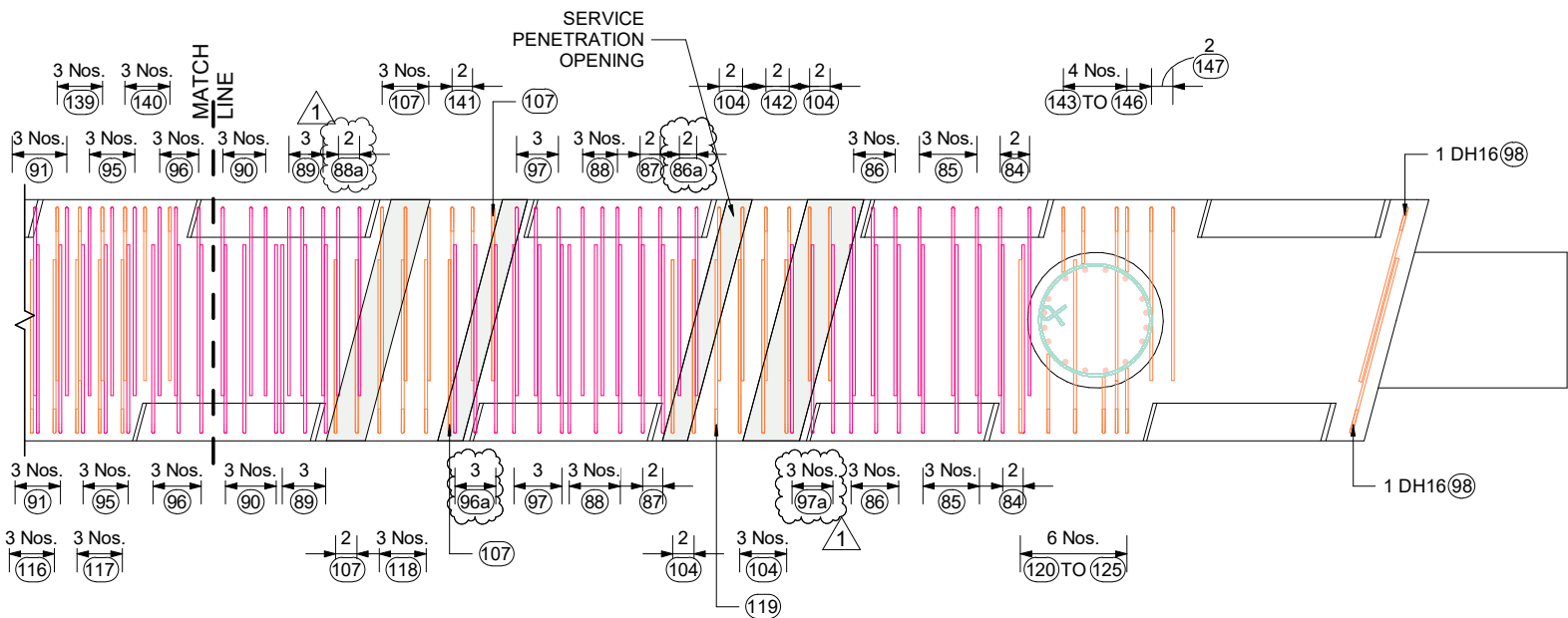


KEY LEGEND

1	DIA	-00	(01)	0	BAR POSITION
			(01)		BAR MARK
					SPACING
					BAR DIAMETER
					NO. OF BARS
00 Nos.					NO. OF BARS
(00)					BAR MARK

PIER - B CROSSHEAD DOWNSTAND (DH16-150 L-BAR) REINFORCEMENT PLAN

SCALE 1 : 50

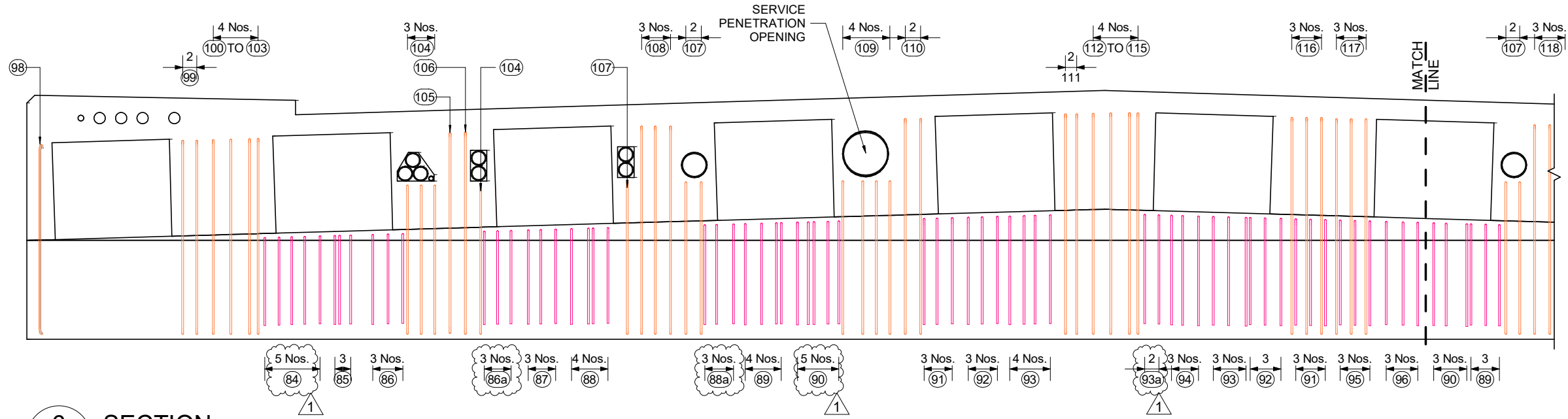


PIER - B CROSSHEAD DOWNSTAND (DH16-150 L-BAR) REINFORCEMENT PLAN

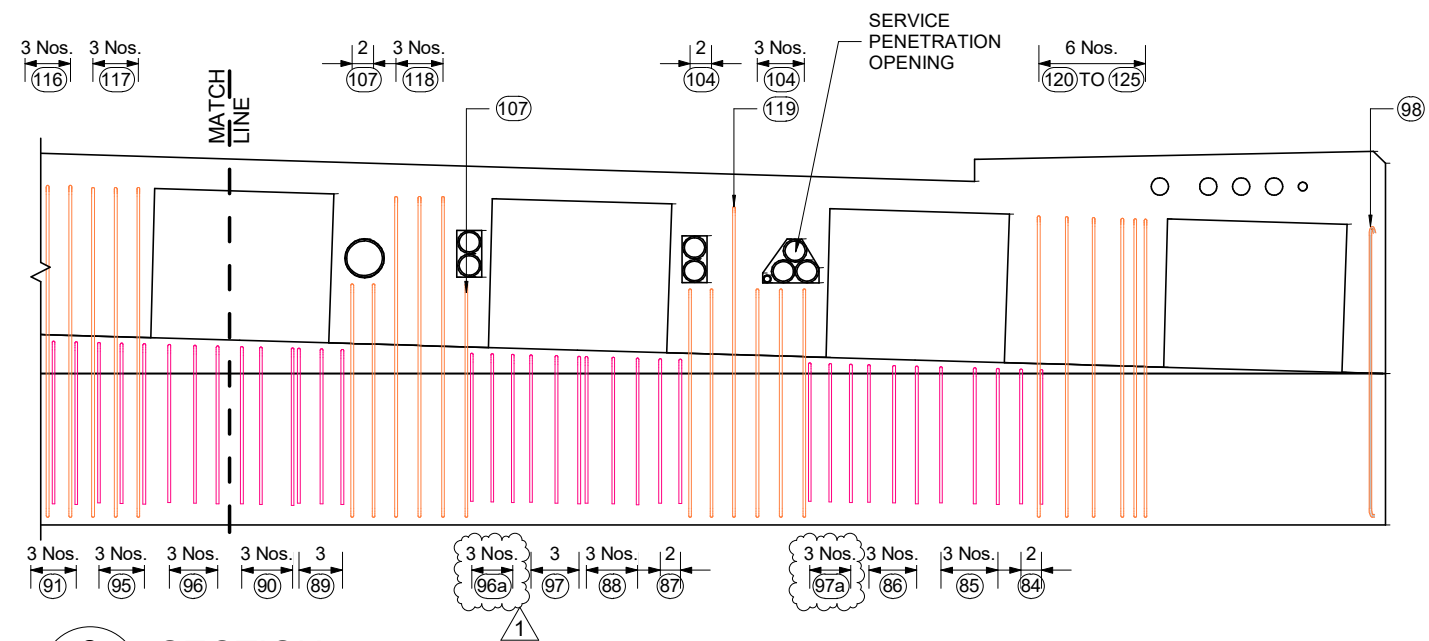
SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B CROSSHEAD DOWNSTAND (DH16-150 L-BAR) REINFORCEMENT PLAN
							SERVICE PROVIDER 	
1	HD	14.09.2023	REVISED AS PER COMMENTS				DRAWN	STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-08 REV 1
0	HD	22.08.2023	ISSUED FOR APPROVAL				DESIGNED	
REV.	BY	DATE	DESCRIPTION	APPD.			DRG CHECK	
							DESIGN CHECK	
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KEY LEGEND	
1	DIA - 00
01	BAR POSITION
01	BAR MARK
	SPACING
	BAR DIAMETER
	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



6 SECTION
ST-E-B-02 SCALE 1 : 50



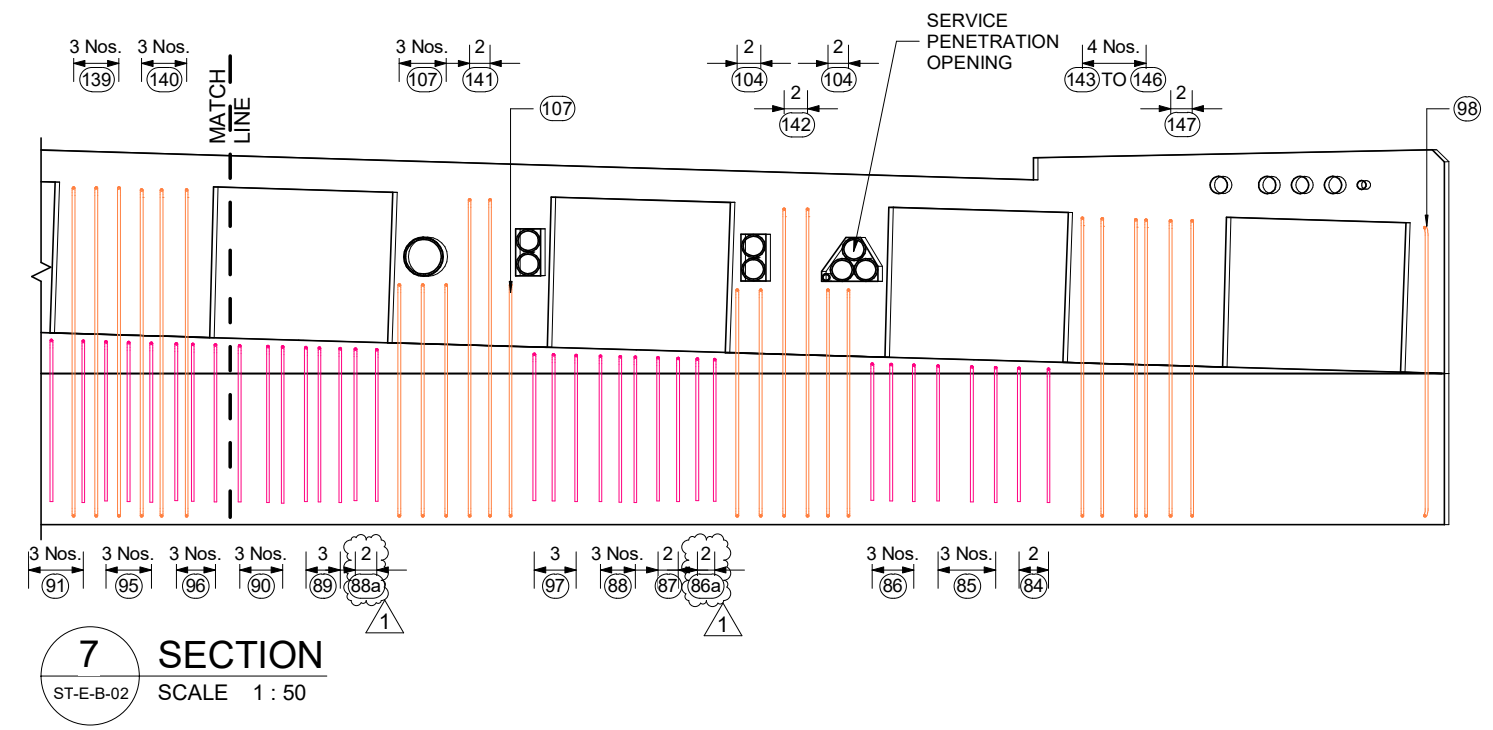
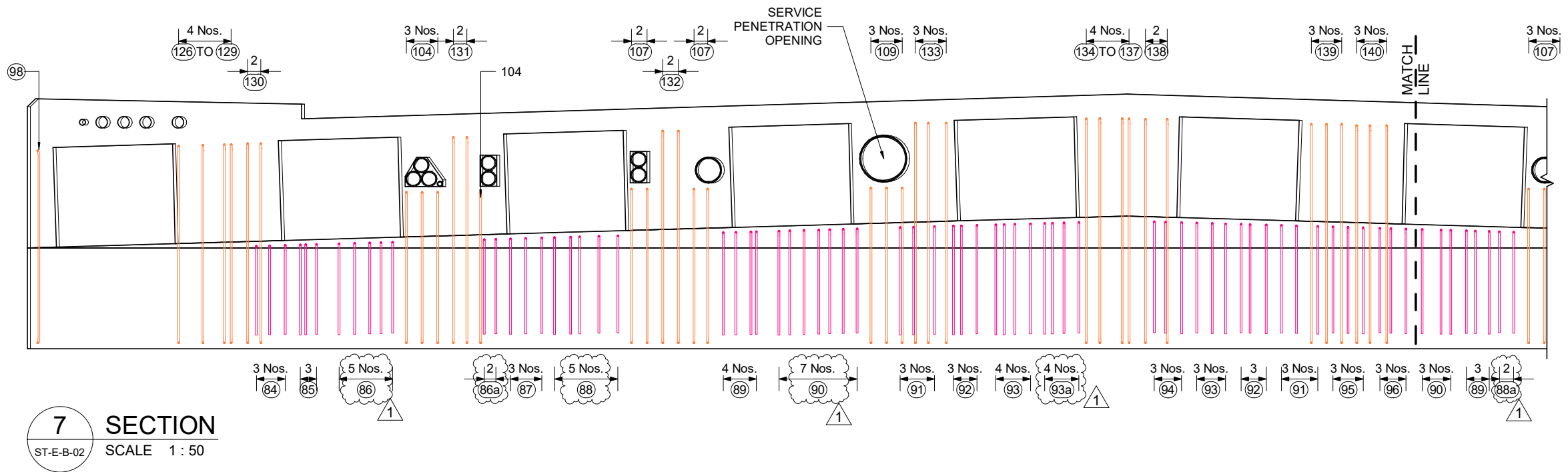
6 SECTION
ST-E-B-02 SCALE 1 : 50

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REV.	BY	DATE	DESCRIPTION	APPD.																		
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0	HD	22.08.2023	ISSUED FOR APPROVAL	-																		
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																						

KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



REV.	BY	DATE	DESCRIPTION	APPD.
1	HD	14.09.2023	REVISED AS PER COMMENTS	-
0	HD	22.08.2023	ISSUED FOR APPROVAL	-

SCALES

DESIGNER

CLIENT

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SERVICE PROVIDER



DRAWN

DESIGNED

DRG CHECK

DESIGN CHECK

APPROVED

PEACOCKE WHATUKOORURU DRIVE
(EASTERN GULLY BRIDGE)

PIER - B CROSSHEAD DOWNSTAND SECTION
(DH16-150 L-BAR) AT PIER - C SIDE

STATUS: ISSUED FOR APPROVAL SHEET (C)

DRG No ST-E-B-10 REV 1

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		22.08.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
02	146	DH20_C (S)	L1	5056	191	1500	910	1500	910	0	191	0		119		0	0	0				1820.45 kg	1.820
03	2	DH20_G (S) B	L8	4791	191	1925	656	1925	0	0	191	119	119	0		0	0	0				23.63 kg	0.024
04	2	DH20_G (S) B	L8	5165	191	1930	1020	1930	0	0	191	119	119	0		0	0	0				25.48 kg	0.025
05	4	DH20_G (S) B	L8	5178	191	1937	1020	1937	0	0	191	119	119	0		0	0	0				51.08 kg	0.051
06	6	DH20_G (S) B	L8	5201	191	1948	1020	1948	0	0	191	119	119	0		0	0	0				76.96 kg	0.077
07	6	DH20_G (S) B	L8	5227	191	1961	1020	1961	0	0	191	119	119	0		0	0	0				77.34 kg	0.077
08	6	DH20_G (S) B	L8	5251	191	1973	1020	1973	0	0	191	119	119	0		0	0	0				77.70 kg	0.078
09	8	DH20_G (S) B	L8	5277	191	1986	1020	1986	0	0	191	119	119	0		0	0	0				104.11 kg	0.104
10	6	DH20_G (S) B	L8	5303	191	1999	1020	1999	0	0	191	119	119	0		0	0	0				78.47 kg	0.078
11	6	DH20_G (S) B	L8	5329	191	2012	1020	2012	0	0	191	119	119	0		0	0	0				78.85 kg	0.079
12	6	DH20_G (S) B	L8	5353	191	2024	1020	2024	0	0	191	119	119	0		0	0	0				79.21 kg	0.079
13	16	DH20_G (S) B	L1	5294	191	1020	1509	1020	1509	0	191	0		119		0	0	0				208.89 kg	0.209
14	3	DH20_G (S) B	L8	5437	191	2066	1020	2066	0	0	191	119	119	0		0	0	0				40.23 kg	0.040
15	6	DH20_G (S) B	L8	5463	191	2079	1020	2079	0	0	191	119	119	0		0	0	0				80.84 kg	0.081
16	6	DH20_G (S) B	L8	5486	191	2091	1020	2091	0	0	191	119	119	0		0	0	0				81.18 kg	0.081
17	14	DH20_G (S) B	L1	5361	191	1020	1543	1020	1543	0	191	0		119		0	0	0				185.09 kg	0.185
18	2	DH20_G (S) B	L8	5524	191	2109	1020	2109	0	0	191	119	119	0		0	0	0				27.25 kg	0.027
19	2	DH20_G (S) B	L8	5571	191	2133	1020	2133	0	0	191	119	119	0		0	0	0				27.48 kg	0.027
20	6	DH20_G (S) B	L8	5595	191	2145	1020	2145	0	0	191	119	119	0		0	0	0				82.79 kg	0.083
21	6	DH20_G (S) B	L8	5621	191	2158	1020	2158	0	0	191	119	119	0		0	0	0				83.17 kg	0.083
22	5	DH20_G (S) B	L1	5381	191	1020	1553	1020	1553	0	191	0		119		0	0	0				66.35 kg	0.066
23	6	DH20_G (S) B	L8	5696	191	2195	1020	2195	0	0	191	119	119	0		0	0	0				84.28 kg	0.084
24	6	DH20_G (S) B	L8	5723	191	2209	1020	2209	0	0	191	119	119	0		0	0	0				84.68 kg	0.085
25	6	DH20_G (S) B	L8	5746	191	2221	1020	2221	0	0	191	119	119	0		0	0	0				85.02 kg	0.085
26	6	DH20_G (S) B	L8	5770	191	2233	1020	2233	0	0	191	119	119	0		0	0	0				85.38 kg	0.085
27	6	DH20_G (S) B	L8	5794	191	2245	1020	2245	0	0	191	119	119	0		0	0	0				85.73 kg	0.086
28	3	DH20_G (S) B	L8	5669	191	2182	1020	2182	0	0	191	119	119	0		0	0	0				41.94 kg	0.042
29	2	DH20_G (S) B	L8	5642	191	2168	1020	2168	0	0	191	119	119	0		0	0	0				27.83 kg	0.028
30	4	DH20_R (S) B	HCH	4456	198	1931	292	1931	0	0	198	0	0	140		0	0	0				43.96 kg	0.044
31	6	DH20_R (S) B	HCH	4481	198	1944	292	1944	0	0	198	0	0	140		0	0	0				66.30 kg	0.066
32	6	DH20_R (S) B	HCH	4507	198	1957	292	1957	0	0	198	0	0	140		0	0	0				66.69 kg	0.067
33	4	DH20_R (S) B	HCH	4526	198	1966	292	1966	0	0	198	0	0	140		0	0	0				44.65 kg	0.045
34	4	DH20_R (S) B	HCH	4547	198	1977	292	1977	0	0	198	0	0	140		0	0	0				44.85 kg	0.045
35	4	DH20_R (S) B	HCH	4560	198	1983	292	1983	0	0	198	0	0	140		0	0	0				44.98 kg	0.045
36	6	DH20_R (S) B	HCH	4590	198	1998	292	1998	0	0	198	0	0	140		0	0	0				67.92 kg	0.068
37	6	DH20_R (S) B	HCH	4616	198	2011	292	2011	0	0	198	0	0	140		0	0	0				68.30 kg	0.068
38	6	DH20_R (S) B	HCH	4642	198	2024	292	2024	0	0	198	0	0	140		0	0	0				68.69 kg	0.069
39	13	DH20_R (S) B	L1	3838	191	292	1509	292	1509	0	191	0		119		0	0	0				123.05 kg	0.123
40	2	DH20_R (S) B	HCH	4689	198	2048	292	2048	0	0	198	0	0	140		0	0	0				23.13 kg	0.023
41	6	DH20_R (S) B	HCH	4733	198	2070	292	2070	0	0	198	0	0	140		0	0	0				70.03 kg	0.070
42	6	DH20_R (S) B	HCH	4757	198	2082	292	2082	0	0	198	0	0	140		0	0	0				70.39 kg	0.070
43	4	DH20_R (S) B	HCH	4776	198	2091	292	2091	0	0	198	0	0	140		0	0	0				47.11 kg	0.047
44	12	DH20_R (S) B	L1	3905	191	292	1543	292	1543	0	191	0		119		0	0	0				115.56 kg	0.116
45	3	DH20_R (S) B	HCH	4820	198	2113	292	2113	0	0	198	0	0	140		0	0	0				35.66 kg	0.036
TOTAL WEIGHT																						4872.69 kg	4.873

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-11 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HD	22.08.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		22.08.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
46	5	DH20_R (S) B	HCH	4867	198	2137	292	2137	0	0	198	0	0	140		0	0	0				60.01 kg	0.060
47	6	DH20_R (S) B	HCH	4891	198	2149	292	2149	0	0	198	0	0	140		0	0	0				72.37 kg	0.072
48	6	DH20_R (S) B	HCH	4919	198	2163	292	2163	0	0	198	0	0	140		0	0	0				72.79 kg	0.073
49	4	DH20_R (S) B	L1	3925	191	292	1553	292	1553	0	191	0		119		0	0	0				38.72 kg	0.039
50	6	DH20_R (S) B	HCH	4983	198	2195	292	2195	0	0	198	0	0	140		0	0	0				73.73 kg	0.074
51	6	DH20_R (S) B	HCH	5012	198	2209	292	2209	0	0	198	0	0	140		0	0	0				74.16 kg	0.074
52	6	DH20_R (S) B	HCH	5035	198	2221	292	2221	0	0	198	0	0	140		0	0	0				74.50 kg	0.075
53	6	DH20_R (S) B	HCH	5060	198	2233	292	2233	0	0	198	0	0	140		0	0	0				74.87 kg	0.075
54	4	DH20_R (S) B	HCH	5083	198	2245	292	2245	0	0	198	0	0	140		0	0	0				50.14 kg	0.050
55	2	DH20_R (S) B	HCH	4956	198	2181	292	2181	0	0	198	0	0	140		0	0	0				24.44 kg	0.024
56	2	DH20_R (S) B	HCH	4938	198	2172	292	2172	0	0	198	0	0	140		0	0	0				24.36 kg	0.024
57a	1	DH32	99c	7009	730	4230	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.25 kg	0.044
57b	1	DH32	99c	7074	730	4294	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.66 kg	0.045
57c	1	DH32	99c	7167	730	4387	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.25 kg	0.045
57d	1	DH32	99c	7214	730	4435	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.54 kg	0.046
57e	1	DH32	99c	7308	730	4528	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.14 kg	0.046
57f	1	DH32	99c	7372	730	4592	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.54 kg	0.047
58a	1	DH32 - ALT.	99c	8741	730	5962	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.18 kg	0.055
58b	1	DH32 - ALT.	99c	8828	730	6048	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.73 kg	0.056
58c	1	DH32 - ALT.	99c	8891	730	6111	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.13 kg	0.056
58d	1	DH32 - ALT.	99c	8954	730	6174	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.53 kg	0.057
58e	1	DH32 - ALT.	99c	9040	730	6260	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.07 kg	0.057
59	6	DH32	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				454.56 kg	0.455
60	5	DH32 - ALT.	S	8600	8600	0	0	0	0	0	0	0		0		0	0	0				271.47 kg	0.271
61a	1	DH32	99c	7372	730	4592	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.54 kg	0.047
61b	1	DH32	99c	7308	730	4528	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.14 kg	0.046
61c	1	DH32	99c	7214	730	4435	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.54 kg	0.046
61d	1	DH32	99c	7167	730	4387	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.25 kg	0.045
61e	1	DH32	99c	7074	730	4294	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.66 kg	0.045
61f	1	DH32	99c	7009	730	4230	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.25 kg	0.044
62a	1	DH32 - ALT.	99c	9040	730	6260	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.07 kg	0.057
62b	1	DH32 - ALT.	99c	8954	730	6174	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.53 kg	0.057
62c	1	DH32 - ALT.	99c	8891	730	6111	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.13 kg	0.056
62d	1	DH32 - ALT.	99c	8828	730	6048	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.73 kg	0.056
62e	1	DH32 - ALT.	99c	8741	730	5962	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.18 kg	0.055
63a	1	DH32	99c	6820	516	4255	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		43.06 kg	0.043
63b	1	DH32	99c	7119	516	4553	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.94 kg	0.045
64a	1	DH32 - ALT.	99c	8452	516	5886	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		53.36 kg	0.053
64b	1	DH32 - ALT.	99c	8754	516	6189	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.27 kg	0.055
65	2	DH32	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				151.52 kg	0.152
66	2	DH32 - ALT.	S	8600	8600	0	0	0	0	0	0	0		0		0	0	0				108.59 kg	0.109
67a	1	DH32	99c	7054	516	4489	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.53 kg	0.045
67b	1	DH32	99c	6756	516	4190	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		42.65 kg	0.043
TOTAL WEIGHT																						3016.14 kg	3.016

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-12 REV 0			
0 HD 22.08.2023 ISSUED FOR APPROVAL												SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED							
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000		This sheet may be prepared using colour and may be incomplete if copied														

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		01	
MATERIAL FOR:		PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		14.09.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
68a	1	DH32 - ALT.	99c	8819	516	6253	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		55.68 kg	0.056
68b	1	DH32 - ALT.	99c	8520	516	5955	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		53.79 kg	0.054
69	4	DH25	99d	6128	380	4191	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	94.45 kg	0.094
70	4	DH25 - ALT.	99d	7378	380	5441	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	113.72 kg	0.114
71	4	DH25	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				184.96 kg	0.185
72	4	DH25 - ALT.	S	9500	9500	0	0	0	0	0	0	0		0		0	0	0				146.43 kg	0.146
73	4	DH25	99e	6492	404	4532	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	100.06 kg	0.100
74	4	DH25 - ALT.	99e	7742	404	5782	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	119.33 kg	0.119
75a	1	DH32	99c	9009	730	6230	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.88 kg	0.057
75b	1	DH32	99c	9074	730	6294	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.29 kg	0.057
75c	1	DH32	99c	9167	730	6387	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.87 kg	0.058
75d	1	DH32	99c	9214	730	6435	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		58.17 kg	0.058
75e	1	DH32	99c	9308	730	6528	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		58.76 kg	0.059
75f	1	DH32	99c	9372	730	6592	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		59.17 kg	0.059
76a	1	DH32 - ALT.	99c	10741	730	7962	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		67.81 kg	0.068
76b	1	DH32 - ALT.	99c	10828	730	8048	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		68.36 kg	0.068
76c	1	DH32 - ALT.	99c	10891	730	8111	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		68.76 kg	0.069
76d	1	DH32 - ALT.	99c	10954	730	8174	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		69.16 kg	0.069
76e	1	DH32 - ALT.	99c	11040	730	8260	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		69.70 kg	0.070
77	6	DH32	S	8000	8000	0	0	0	0	0	0	0		0		0	0	0				303.04 kg	0.303
78	5	DH32 - ALT.	S	4600	4600	0	0	0	0	0	0	0		0		0	0	0				145.21 kg	0.145
79a	1	DH32	99c	9372	730	6592	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		59.17 kg	0.059
79b	1	DH32	99c	9308	730	6528	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		58.76 kg	0.059
79c	1	DH32	99c	9214	730	6435	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		58.17 kg	0.058
79d	1	DH32	99c	9167	730	6387	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.87 kg	0.058
79e	1	DH32	99c	9074	730	6294	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		57.29 kg	0.057
79f	1	DH32	99c	9009	730	6230	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		56.88 kg	0.057
80a	1	DH32 - ALT.	99c	11040	730	8260	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		69.70 kg	0.070
80b	1	DH32 - ALT.	99c	10954	730	8174	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		69.16 kg	0.069
80c	1	DH32 - ALT.	99c	10891	730	8111	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		68.76 kg	0.069
80d	1	DH32 - ALT.	99c	10828	730	8048	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		68.36 kg	0.068
80e	1	DH32 - ALT.	99c	10741	730	7962	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		67.81 kg	0.068
81a	1	DH32	L	6111	516	5680	0	0	0	0	0	0		0		0	0	0				38.58 kg	0.039
81b	1	DH32	L	6179	516	5748	0	0	0	0	0	0		0		0	0	0				39.01 kg	0.039
81c	1	DH32	L	6336	516	5904	0	0	0	0	0	0		0		0	0	0				40.00 kg	0.040
81d	1	DH32	L	6414	516	5983	0	0	0	0	0	0		0		0	0	0				40.49 kg	0.040
81e	1	DH32	L	6478	516	6047	0	0	0	0	0	0		0		0	0	0				40.90 kg	0.041
82	5	DH32	S	8000	8000	0	0	0	0	0	0	0		0		0	0	0				252.53 kg	0.253
83a	1	DH32	L	6478	516	6047	0	0	0	0	0	0		0		0	0	0				40.90 kg	0.041
83b	1	DH32	L	6414	516	5983	0	0	0	0	0	0		0		0	0	0				40.49 kg	0.040
83c	1	DH32	L	6334	516	5903	0	0	0	0	0	0		0		0	0	0				39.99 kg	0.040
83d	1	DH32	L	6179	516	5748	0	0	0	0	0	0		0		0	0	0				39.01 kg	0.039
83e	1	DH32	L	6129	516	5698	0	0	0	0	0	0		0		0	0	0				38.69 kg	0.039
84	12	DH16 (L-BAR)	L	2101	890	1250	0	0	0	0	0	0		0		0	0	0				39.79 kg	0.040
TOTAL WEIGHT																						3390.93 kg	3.391

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-13 REV 1							
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK											
				DESIGN CHECK				APPROVED															
1	HD	14.09.2023	REVISED AS PER COMMENTS																				
0	HD	22.08.2023	ISSUED FOR APPROVAL																				
REV.	BY	DATE	DESCRIPTION	APPD.																			
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																							

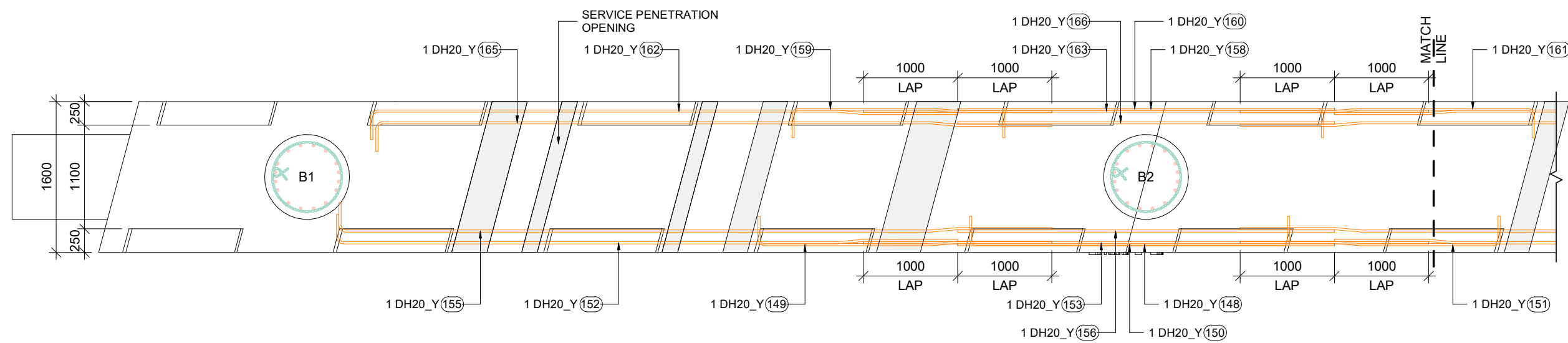
PROJECT:	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)	Revision:-	01
MATERIAL FOR:	PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	14.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
85	12	DH16 (L-BAR)	L	2111	900	1250	0	0	0	0	0	0	0	0	0	0	0	0				39.98 kg	0.040
86	14	DH16 (L-BAR)	L	2121	910	1250	0	0	0	0	0	0	0	0	0	0	0	0				46.87 kg	0.047
86a	7	DH16 (L-BAR)	L	2156	945	1250	0	0	0	0	0	0	0	0	0	0	0	0				23.82 kg	0.024
87	10	DH16 (L-BAR)	L	2166	955	1250	0	0	0	0	0	0	0	0	0	0	0	0				34.19 kg	0.034
88	15	DH16 (L-BAR)	L	2181	970	1250	0	0	0	0	0	0	0	0	0	0	0	0				51.64 kg	0.052
88a	5	DH16 (L-BAR)	L	2221	1010	1250	0	0	0	0	0	0	0	0	0	0	0	0				17.53 kg	0.018
89	14	DH16 (L-BAR)	L	2236	1025	1250	0	0	0	0	0	0	0	0	0	0	0	0				49.41 kg	0.049
90	18	DH16 (L-BAR)	L	2251	1040	1250	0	0	0	0	0	0	0	0	0	0	0	0				63.95 kg	0.064
91	12	DH16 (L-BAR)	L	2286	1075	1250	0	0	0	0	0	0	0	0	0	0	0	0				43.30 kg	0.043
92	12	DH16 (L-BAR)	L	2296	1085	1250	0	0	0	0	0	0	0	0	0	0	0	0				43.49 kg	0.043
93	14	DH16 (L-BAR)	L	2311	1100	1250	0	0	0	0	0	0	0	0	0	0	0	0				51.07 kg	0.051
93a	6	DH16 (L-BAR)	L	2316	1105	1250	0	0	0	0	0	0	0	0	0	0	0	0				21.93 kg	0.022
94	6	DH16 (L-BAR)	L	2321	1110	1250	0	0	0	0	0	0	0	0	0	0	0	0				21.98 kg	0.022
95	6	DH16 (L-BAR)	L	2271	1060	1250	0	0	0	0	0	0	0	0	0	0	0	0				21.51 kg	0.022
96	6	DH16 (L-BAR)	L	2256	1045	1250	0	0	0	0	0	0	0	0	0	0	0	0				21.36 kg	0.021
96a	3	DH16 (L-BAR)	L	2191	980	1250	0	0	0	0	0	0	0	0	0	0	0	0				10.37 kg	0.010
97	6	DH16 (L-BAR)	L	2186	975	1250	0	0	0	0	0	0	0	0	0	0	0	0				20.70 kg	0.021
97a	3	DH16 (L-BAR)	L	2126	915	1250	0	0	0	0	0	0	0	0	0	0	0	0				10.07 kg	0.010
98	4	DH16	99k	3236	153	1922	1200	0	0	0	0	141	0	0	0	0	0	0				20.43 kg	0.020
99	2	DH16	99k	3228	153	1964	1150	0	0	0	0	141	0	0	0	0	0	0				10.19 kg	0.010
100	1	DH16	99k	2608	153	1969	525	0	0	0	0	141	0	0	0	0	0	0				4.12 kg	0.004
101	1	DH16	99k	3238	153	1974	1150	0	0	0	0	141	0	0	0	0	0	0				5.11 kg	0.005
102	1	DH16	99k	2469	153	1980	375	0	0	0	0	141	0	0	0	0	0	0				3.90 kg	0.004
103	1	DH16	99k	2442	153	1982	345	0	0	0	0	141	0	0	0	0	0	0				3.85 kg	0.004
104	17	DH16	HL	3731	1150	1509	0	0	0	0	1150	0	0	0	0	0	0	0				100.11 kg	0.100
105	1	DH16	99k	3296	153	2031	1150	0	0	0	0	141	0	0	0	0	0	0				5.20 kg	0.005
106	1	DH16	99k	3309	153	2045	1150	0	0	0	0	141	0	0	0	0	0	0				5.22 kg	0.005
107	14	DH16	HL	3765	1150	1543	0	0	0	0	1150	0	0	0	0	0	0	0				83.19 kg	0.083
108	3	DH16	99k	3372	153	2107	1150	0	0	0	0	141	0	0	0	0	0	0				15.97 kg	0.016
109	7	DH16	HL	3775	1150	1553	0	0	0	0	1150	0	0	0	0	0	0	0				41.71 kg	0.042
110	2	DH16	99k	3448	153	2183	1150	0	0	0	0	141	0	0	0	0	0	0				10.88 kg	0.011
111	2	DH16	99k	3495	153	2231	1150	0	0	0	0	141	0	0	0	0	0	0				11.03 kg	0.011
112	1	DH16	99k	2875	153	2236	525	0	0	0	0	141	0	0	0	0	0	0				4.54 kg	0.005
113	1	DH16	99k	3505	153	2241	1150	0	0	0	0	141	0	0	0	0	0	0				5.53 kg	0.006
114	1	DH16	99k	2733	153	2243	375	0	0	0	0	141	0	0	0	0	0	0				4.31 kg	0.004
115	1	DH16	99k	2700	153	2241	345	0	0	0	0	141	0	0	0	0	0	0				4.26 kg	0.004
116	3	DH16	99k	3458	153	2194	1150	0	0	0	0	141	0	0	0	0	0	0				16.37 kg	0.016
117	3	DH16	99k	3445	153	2181	1150	0	0	0	0	141	0	0	0	0	0	0				16.31 kg	0.016
118	3	DH16	99k	3385	153	2120	1150	0	0	0	0	141	0	0	0	0	0	0				16.03 kg	0.016
119	1	DH16	99k	3318	153	2053	1150	0	0	0	0	141	0	0	0	0	0	0				5.24 kg	0.005
120	1	DH16	99k	3257	153	1993	1150	0	0	0	0	141	0	0	0	0	0	0				5.14 kg	0.005
121	1	DH16	99k	2627	153	1987	525	0	0	0	0	141	0	0	0	0	0	0				4.15 kg	0.004
122	1	DH16	99k	3246	153	1982	1150	0	0	0	0	141	0	0	0	0	0	0				5.12 kg	0.005
123	1	DH16	99k	2466	153	1976	375	0	0	0	0	141	0	0	0	0	0	0				3.89 kg	0.004
TOTAL WEIGHT																					1004.97 kg	1.005	

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-14 REV 1			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
1	HD	14.09.2023	REVISED AS PER COMMENTS																
0	HD	22.08.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		22.08.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
124	1	DH16	99k	2433	153	1974	345	0	0	0	0	141		0		0	0	0				3.84 kg	0.004
125	1	DH16	99k	2516	153	1972	430	0	0	0	0	141		0		0	0	0				3.97 kg	0.004
126	1	DH16	99k	2608	153	1969	525	0	0	0	0	141		0		0	0	0				4.12 kg	0.004
127	1	DH16	99k	2465	153	1976	375	0	0	0	0	141		0		0	0	0				3.89 kg	0.004
128	1	DH16	99k	3247	153	1982	1150	0	0	0	0	141		0		0	0	0				5.12 kg	0.005
129	1	DH16	99k	2529	153	1984	430	0	0	0	0	141		0		0	0	0				3.99 kg	0.004
130	2	DH16	99k	3257	153	1993	1150	0	0	0	0	141		0		0	0	0				10.28 kg	0.010
131	2	DH16	99k	3319	153	2054	1150	0	0	0	0	141		0		0	0	0				10.48 kg	0.010
132	2	DH16	99k	3382	153	2117	1150	0	0	0	0	141		0		0	0	0				10.68 kg	0.011
133	3	DH16	99k	3461	153	2197	1150	0	0	0	0	141		0		0	0	0				16.39 kg	0.016
134	1	DH16	99k	2783	153	2238	430	0	0	0	0	141		0		0	0	0				4.39 kg	0.004
135	1	DH16	99k	2732	153	2242	375	0	0	0	0	141		0		0	0	0				4.31 kg	0.004
136	1	DH16	99k	3505	153	2241	1150	0	0	0	0	141		0		0	0	0				5.53 kg	0.006
137	1	DH16	99k	2783	153	2239	430	0	0	0	0	141		0		0	0	0				4.39 kg	0.004
138	2	DH16	99k	3499	153	2234	1150	0	0	0	0	141		0		0	0	0				11.05 kg	0.011
139	3	DH16	99k	3449	153	2184	1150	0	0	0	0	141		0		0	0	0				16.33 kg	0.016
140	3	DH16	99k	3435	153	2171	1150	0	0	0	0	141		0		0	0	0				16.26 kg	0.016
141	2	DH16	99k	3370	153	2106	1150	0	0	0	0	141		0		0	0	0				10.64 kg	0.011
142	2	DH16	99k	3308	153	2043	1150	0	0	0	0	141		0		0	0	0				10.44 kg	0.010
143	1	DH16	99k	2529	153	1984	430	0	0	0	0	141		0		0	0	0				3.99 kg	0.004
144	1	DH16	99k	2470	153	1980	375	0	0	0	0	141		0		0	0	0				3.90 kg	0.004
145	1	DH16	99k	3238	153	1974	1150	0	0	0	0	141		0		0	0	0				5.11 kg	0.005
146	1	DH16	99k	2516	153	1972	430	0	0	0	0	141		0		0	0	0				3.97 kg	0.004
147	2	DH16	99k	3231	153	1967	1150	0	0	0	0	141		0		0	0	0				10.20 kg	0.010
TOTAL WEIGHT																					183.28 kg	0.183	

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE					
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK								STATUS: ISSUED FOR APPROVAL		SHEET		(C)
				APPROVED				DESIGN CHECK				APPROVED				DRG No ST-E-B-15		REV 0			
0	HD	22.08.2023	ISSUED FOR APPROVAL																		
REV.	BY	DATE	DESCRIPTION	APPD.																	
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied									



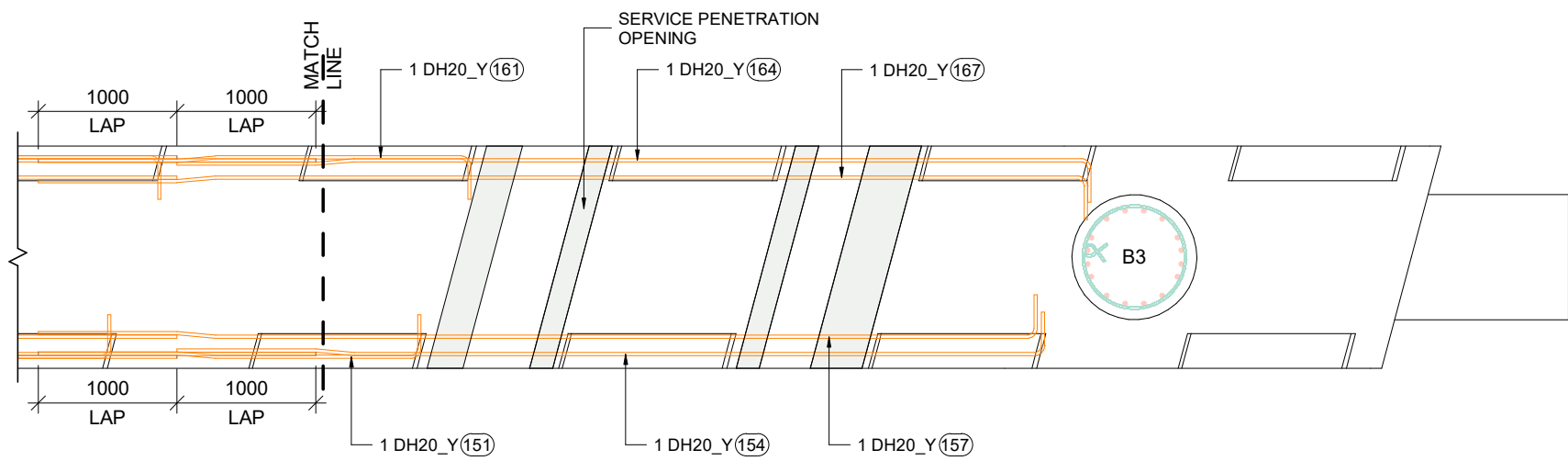
PIER - B_CROSSHEAD DOWNSTAND 4/DH20 E.F. (YELLOW BARS) REINFORCEMENT PLAN

SCALE 1 : 50

KEY LEGEND

1 DIA -00 (01) 0
 ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

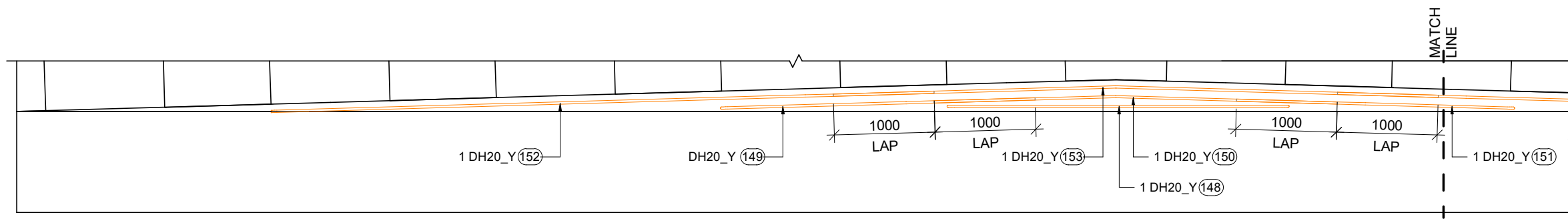
00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B_CROSSHEAD DOWNSTAND 4/DH20 E.F. (YELLOW BARS) REINFORCEMENT PLAN

SCALE 1 : 50

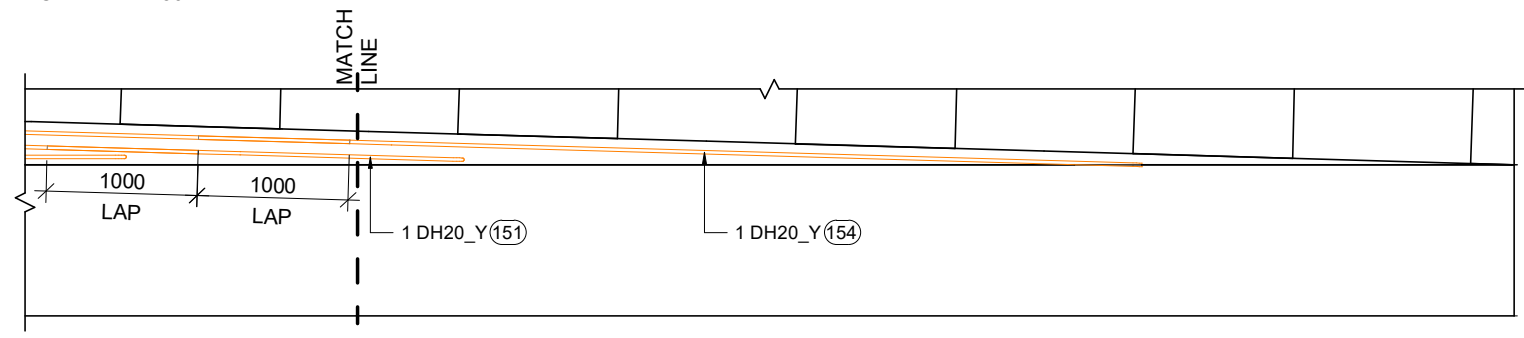
SCALES					DESIGNER		CLIENT		DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)													
									SERVICE PROVIDER		DRAWN													
											DESIGNED													
											DRG CHECK													
											DESIGN CHECK													
											APPROVED													
<table border="1"> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> <tr> <td>0</td> <td>HD</td> <td>14.09.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </table>					REV.	BY	DATE	DESCRIPTION	APPD.	0	HD	14.09.2023	ISSUED FOR APPROVAL	-							STATUS: ISSUED FOR APPROVAL		SHEET	(C)
REV.	BY	DATE	DESCRIPTION	APPD.																				
0	HD	14.09.2023	ISSUED FOR APPROVAL	-																				
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied											DRG No ST-E-B-16		REV 0											



KEY LEGEND	
1 DIA -00 (01) 0	BAR POSITION
(01)	BAR MARK
1000	SPACING
Ø10	BAR DIAMETER
00	NO. OF BARS
(00)	BAR MARK

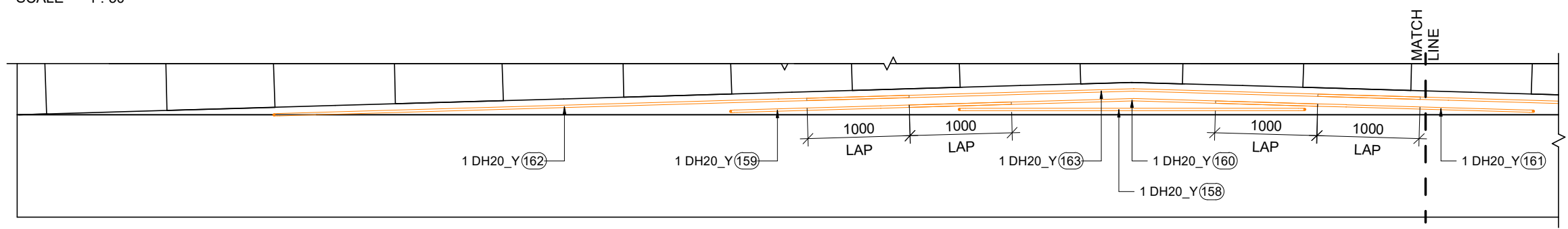
PIER - B_CROSSHEAD DOWNSTAND 4/DH20 (YELLOW BARS) ABUTMENT-A SIDE ELEVATION

SCALE 1 : 50



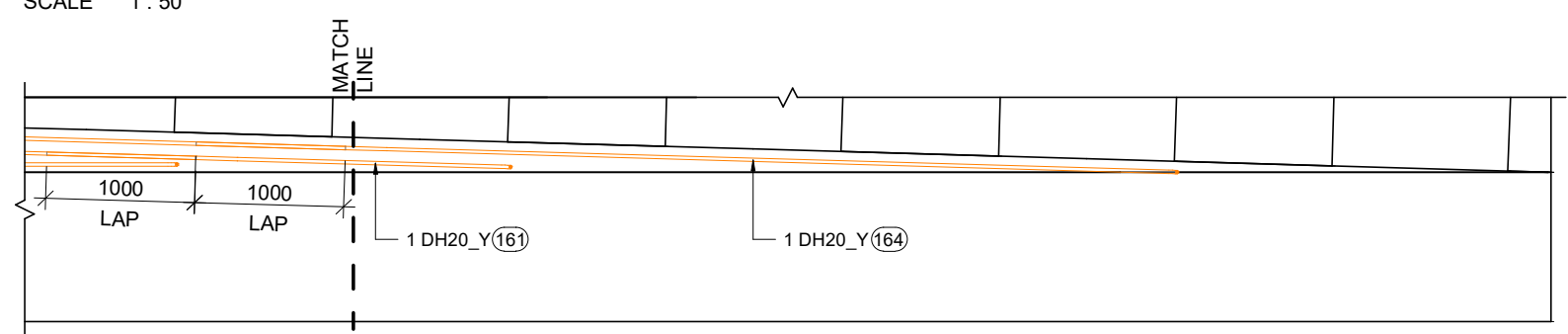
PIER - B_CROSSHEAD DOWNSTAND 4/DH20 (YELLOW BARS) ABUTMENT-A SIDE ELEVATION

SCALE 1 : 50



PIER - B_CROSSHEAD DOWNSTAND 4/DH20 (YELLOW BARS) PIER-C SIDE ELEVATION

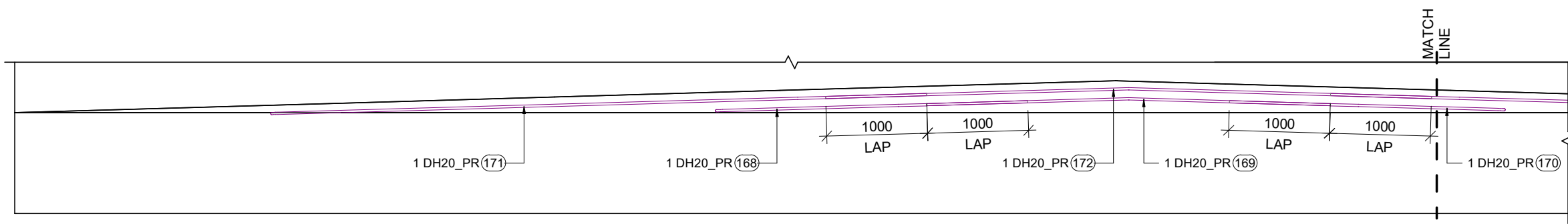
SCALE 1 : 50



PIER - B_CROSSHEAD DOWNSTAND 4/DH20 (YELLOW BARS) PIER-C SIDE ELEVATION

SCALE 1 : 50

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REV.	BY	DATE	DESCRIPTION	APPD.															
0	HD	14.09.2023	ISSUED FOR APPROVAL	-															
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																			



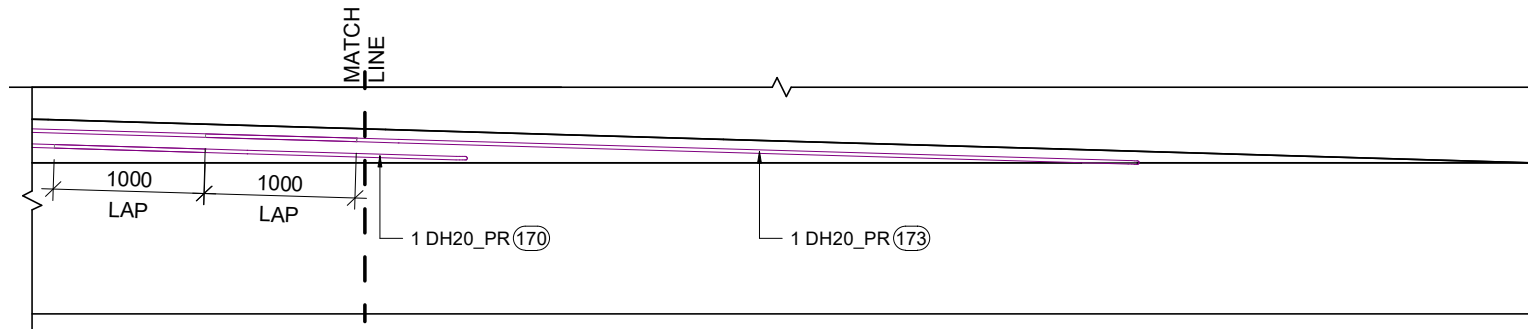
KEY LEGEND

1	DIA	-00	(01)	0	BAR POSITION
			(01)		BAR MARK
					SPACING
					BAR DIAMETER
					NO. OF BARS

00 Nos.		NO. OF BARS
(00)		BAR MARK

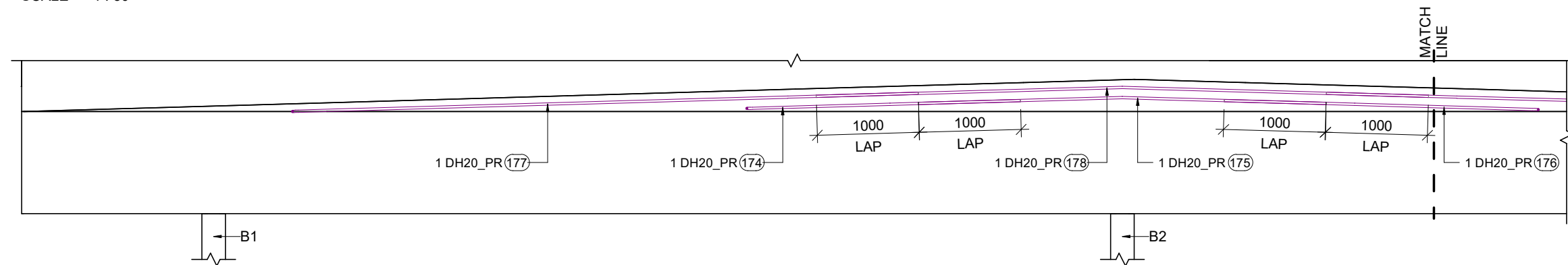
PIER - B_CROSSHEAD DOWNSTAND 2/DH20 (PURPLE BARS) ABUTMENT-A SIDE ELEVATION

SCALE 1 : 50



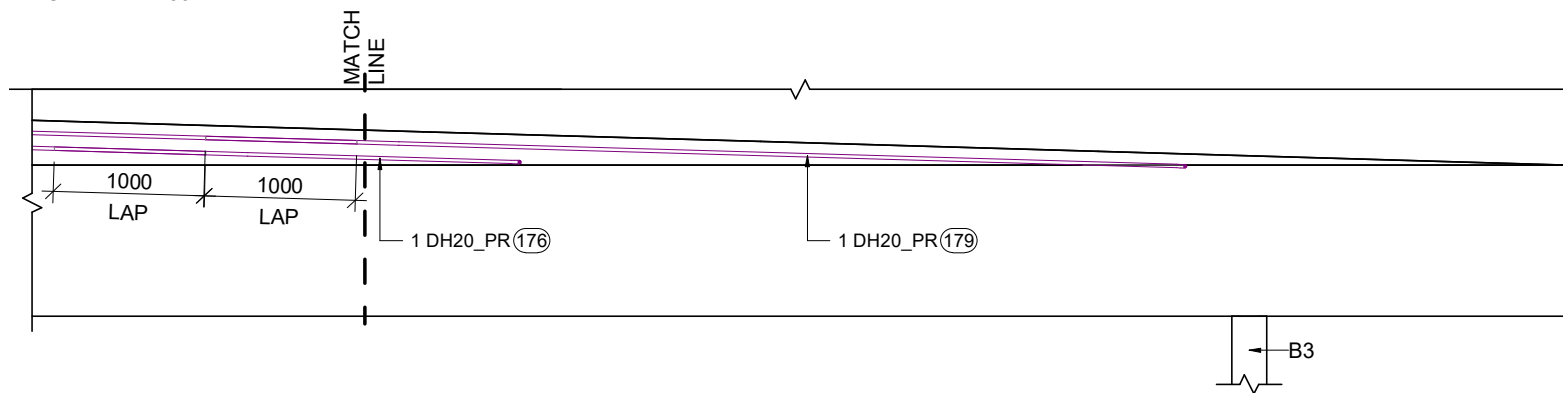
PIER - B_CROSSHEAD DOWNSTAND 2/DH20 (PURPLE BARS) ABUTMENT-A SIDE ELEVATION

SCALE 1 : 50



PIER - B_CROSSHEAD DOWNSTAND 2/DH20 (PURPLE BARS) PIER-C SIDE ELEVATION

SCALE 1 : 50



PIER - B_CROSSHEAD DOWNSTAND 2/DH20 (PURPLE BARS) PIER-C SIDE ELEVATION

SCALE 1 : 50

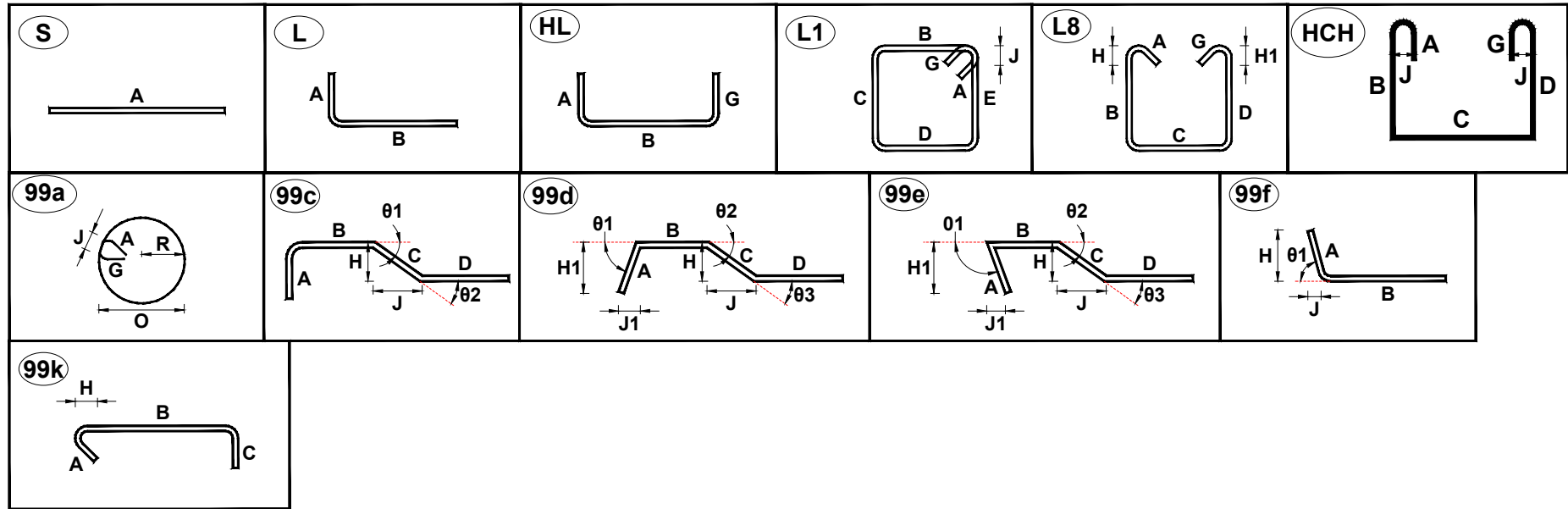
				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD DOWNSTAND 2/DH20 E.F. (PURPLE BARS) REINFORCEMENT ELEVATION
							SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-18 REV 0
0	HD	14.09.2023	ISSUED FOR APPROVAL					
REV.	BY	DATE	DESCRIPTION	APPD.				
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied					

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_4/DH20 E.F. & 2/DH20 E.F. (YELLOW/PURPLE) REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		14.09.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
148	1	DH20_Y	HL	3919	313	3392	0	0	0	0	313	0		0		0	0	0				9.66 kg	0.010
149	1	DH20_Y	99c	3385	313	1843	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.35 kg	0.008
150	1	DH20_Y	99f	3999	1801	2199	0	0	0	0	0	104		1798		0	0	0	3.31°			9.86 kg	0.010
151	1	DH20_Y	99c	3023	313	1481	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		7.46 kg	0.007
152	1	DH20_Y	99c	6856	313	5314	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.91 kg	0.017
153	1	DH20_Y	99f	6000	2802	3199	0	0	0	0	0	162		2797		0	0	0	3.31°			14.80 kg	0.015
154	1	DH20_Y	99c	6521	313	4979	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.08 kg	0.016
155	1	DH20_Y	99c	7830	313	6289	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		19.31 kg	0.019
156	1	DH20_Y	99f	3999	1801	2199	0	0	0	0	0	104		1798		0	0	0	3.31°			9.86 kg	0.010
157	1	DH20_Y	99c	7468	313	5927	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		18.42 kg	0.018
158	1	DH20_Y	HL	3930	313	3403	0	0	0	0	313	0		0		0	0	0				9.69 kg	0.010
159	1	DH20_Y	99c	3023	313	1481	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		7.46 kg	0.007
160	1	DH20_Y	99f	3999	2199	1801	0	0	0	0	0	127		2195		0	0	0	3.31°			9.86 kg	0.010
161	1	DH20_Y	99c	3384	313	1843	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.35 kg	0.008
162	1	DH20_Y	99c	6494	313	4952	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.02 kg	0.016
163	1	DH20_Y	99f	6000	3199	2802	0	0	0	0	0	185		3194		0	0	0	3.31°			14.80 kg	0.015
164	1	DH20_Y	99c	6855	313	5314	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.91 kg	0.017
165	1	DH20_Y	99c	7440	313	5898	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		18.35 kg	0.018
166	1	DH20_Y	99f	3999	2199	1801	0	0	0	0	0	127		2195		0	0	0	3.31°			9.86 kg	0.010
167	1	DH20_Y	99c	7830	313	6288	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		19.31 kg	0.019
168	1	DH20_PR	99c	3359	313	1817	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.28 kg	0.008
169	1	DH20_PR	99f	3999	2000	2000	0	0	0	0	0	116		1997		0	0	0	3.31°			9.86 kg	0.010
170	1	DH20_PR	99c	2997	313	1455	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		7.39 kg	0.007
171	1	DH20_PR	99c	6762	313	5221	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.68 kg	0.017
172	1	DH20_PR	99f	6000	3000	3000	0	0	0	0	0	173		2995		0	0	0	3.31°			14.80 kg	0.015
173	1	DH20_PR	99c	6442	313	4900	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		15.89 kg	0.016
174	1	DH20_PR	99c	2961	313	1419	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		7.30 kg	0.007
175	1	DH20_PR	99f	3999	2000	2000	0	0	0	0	0	116		1997		0	0	0	3.31°			9.86 kg	0.010
176	1	DH20_PR	99c	3358	313	1817	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.28 kg	0.008
177	1	DH20_PR	99c	6413	313	4872	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		15.82 kg	0.016
178	1	DH20_PR	99f	6000	3000	3000	0	0	0	0	0	173		2995		0	0	0	3.31°			14.80 kg	0.015
179	1	DH20_PR	99c	6762	313	5221	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		16.68 kg	0.017
TOTAL WEIGHT																						406.93 kg	0.407

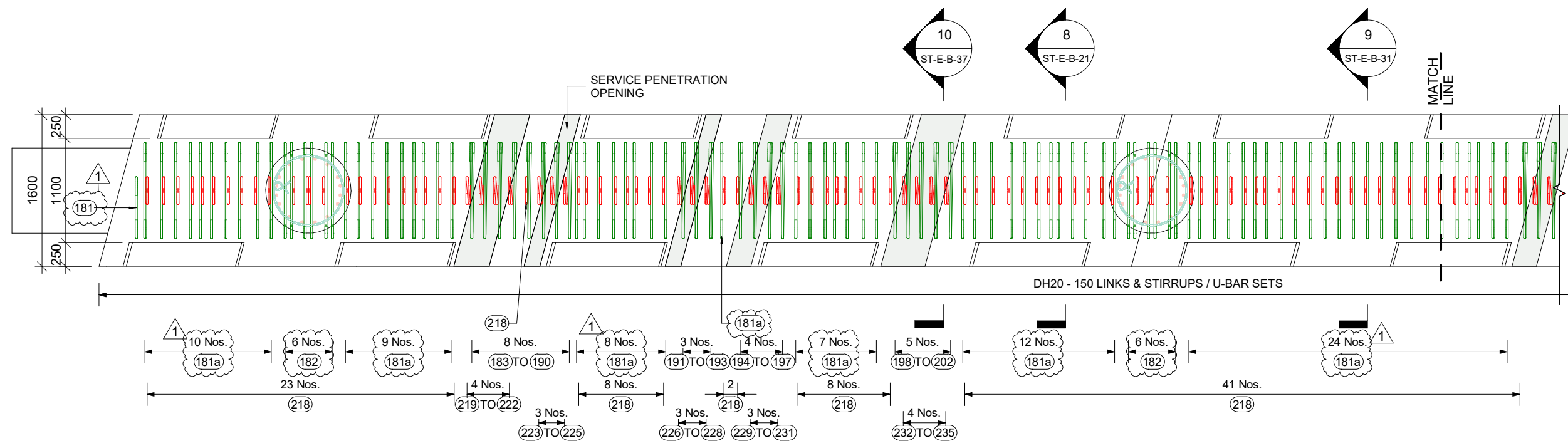
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_4/DH20 E.F. & 2/DH20 E.F. (YELLOW/PURPLE) REINF. BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-19 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HD	14.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)

PIER - B_DOWNSTAND



ALL LENGTHS OF REBAR IS OUT SIDE TO OUT SIDE.



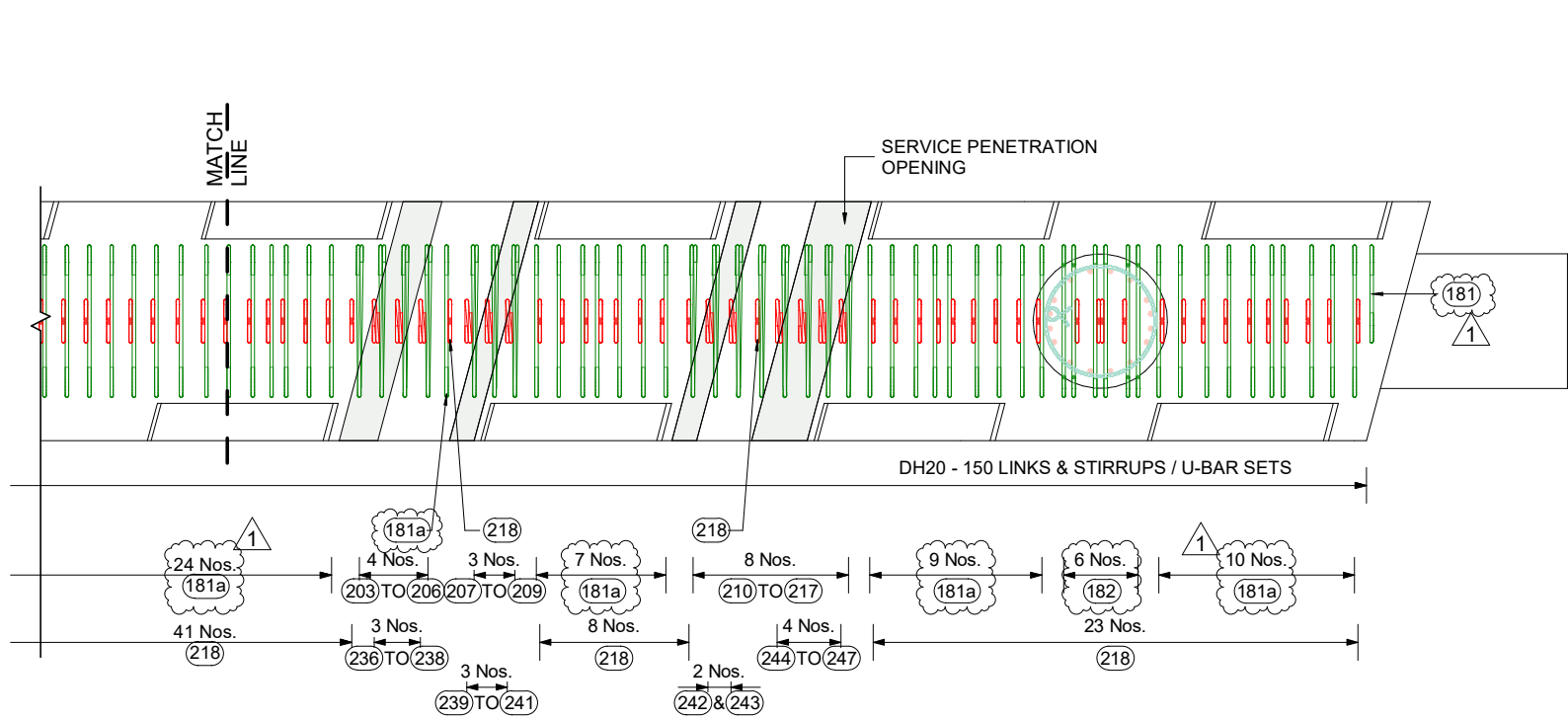
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ○ BAR MARK
 — SPACING
 — BAR DIAMETER
 — NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK

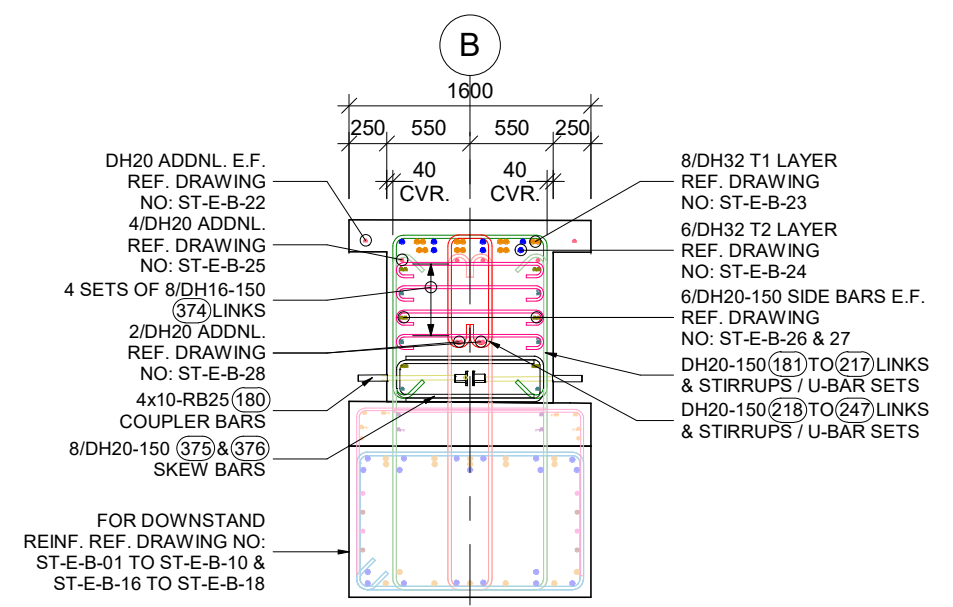
PIER - B CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN

SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN

SCALE 1 : 50



8 SECTION
 ST-E-B-21 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
1	HD	30.11.2023	REVISED AS PER COMMENTS	-
0	HD	11.11.2023	ISSUED FOR APPROVAL	-

SCALES	DESIGNER	CLIENT

DISCLAIMER	SERVICE PROVIDER	DRAWN	DESIGNED	DRG CHECK	DESIGN CHECK	APPROVED
The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.	SILICON Engineering Consultants Ltd					

STATUS	SHEET	DRG No	REV
ISSUED FOR APPROVAL	(C)	ST-E-B-21	1

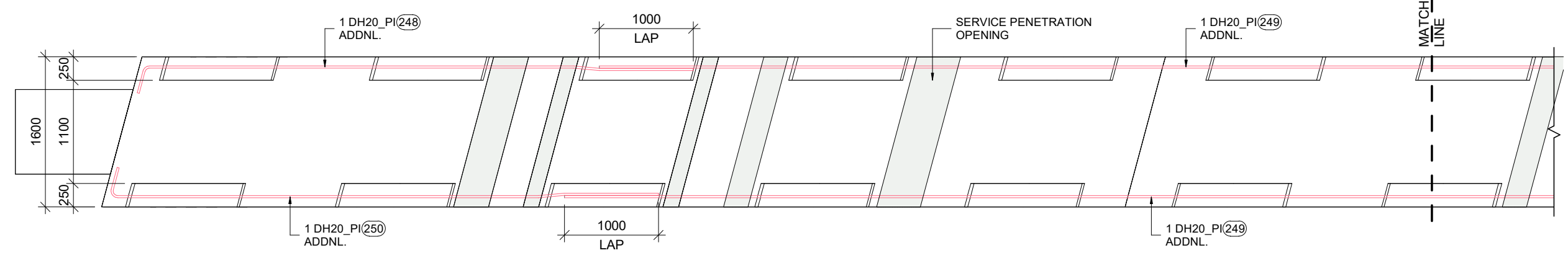
PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)

PIER - B CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN

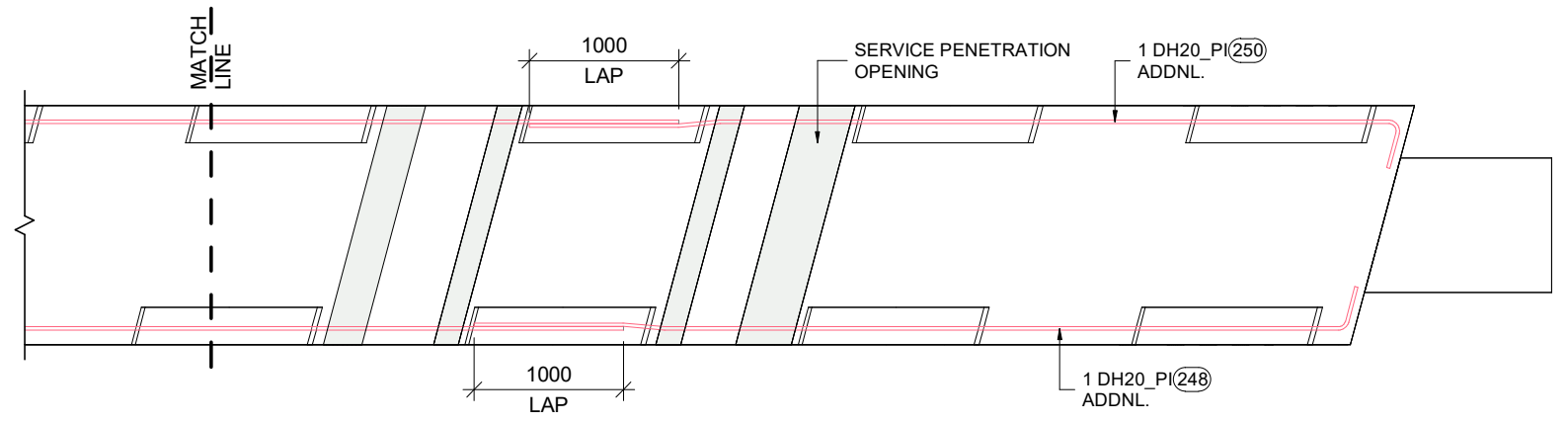
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK

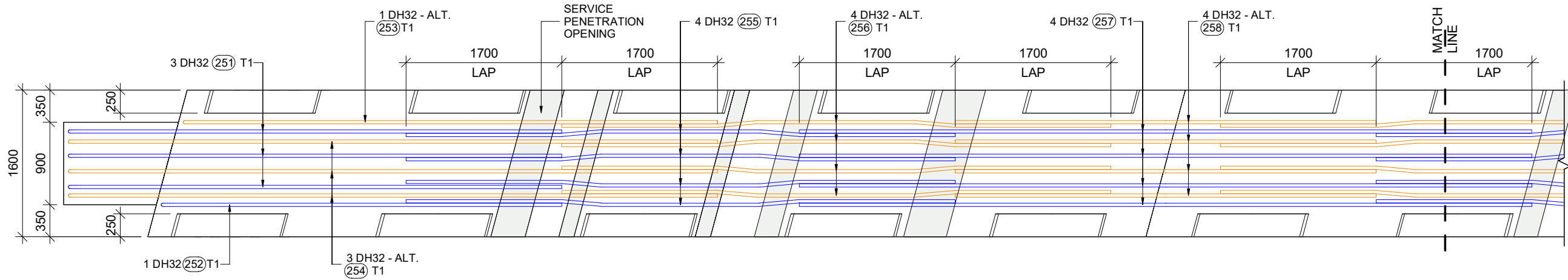


PIER - B_CROSSHEAD UPSTAND ADDITIONAL DH20 E.F.(PINK BARS) 1st LAYER REINF. PLAN (TOP TO BTM.)
 SCALE 1 : 50



PIER - B_CROSSHEAD UPSTAND ADDITIONAL DH20 E.F.(PINK BARS) 1st LAYER REINF. PLAN (TOP TO BTM.)
 SCALE 1 : 50

SCALES					DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)				
REVISIONS							SERVICE PROVIDER SILICON Engineering Consultants Ltd	DRAWN	PIER - B_CROSSHEAD UPSTAND ADDNL. DH20 E.F. (PINK BARS) 1st LAYER REINF. PLAN (TOP TO BTM.)			
0	HD	11.11.2023	ISSUED FOR APPROVAL	-			DESIGNED	DRG CHECK	DESIGN CHECK	STATUS: ISSUED FOR APPROVAL		
REV.	BY	DATE	DESCRIPTION	APPD.			APPROVED			SHEET (C)		
A3 Original			Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied						DRG No ST-E-B-22	REV 0

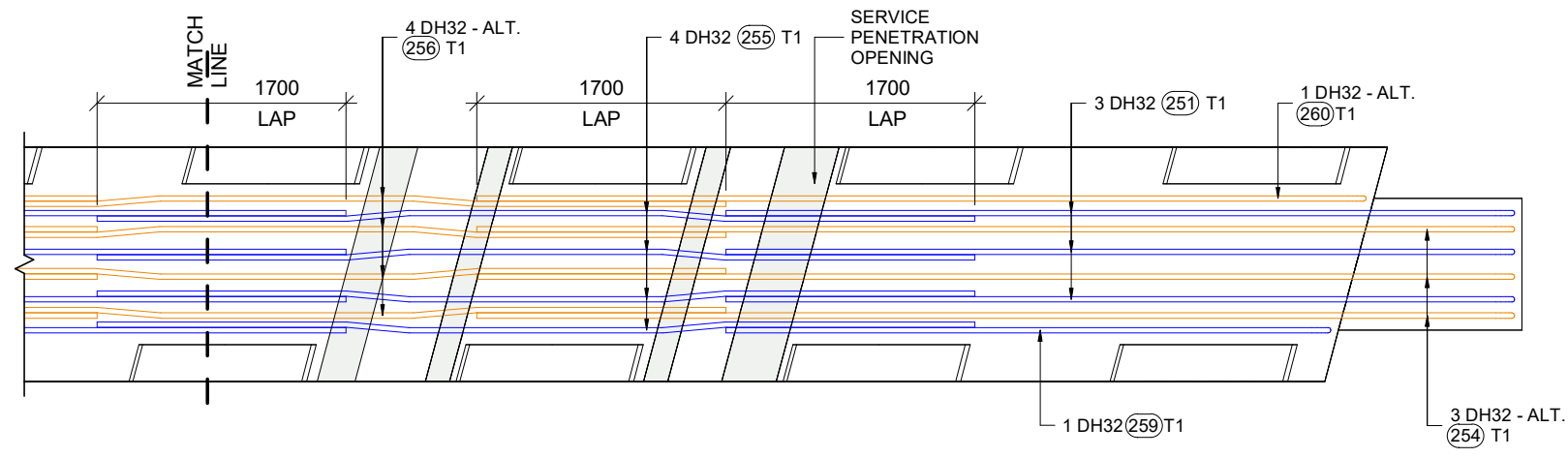


KEY LEGEND

1 DIA -00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

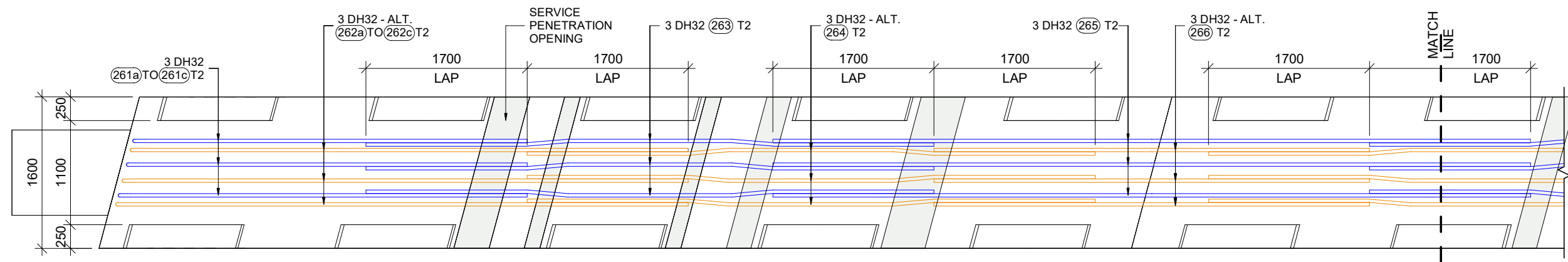
00 Nos. NO. OF BARS
 (00) BAR MARK

PIER - B CROSSHEAD UPSTAND T1 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND T1 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50

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0	HD	11.11.2023	ISSUED FOR APPROVAL	-															
REV.	BY	DATE	DESCRIPTION	APPD.															
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>					<p>SERVICE PROVIDER</p> 	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-23 REV 0</p>												



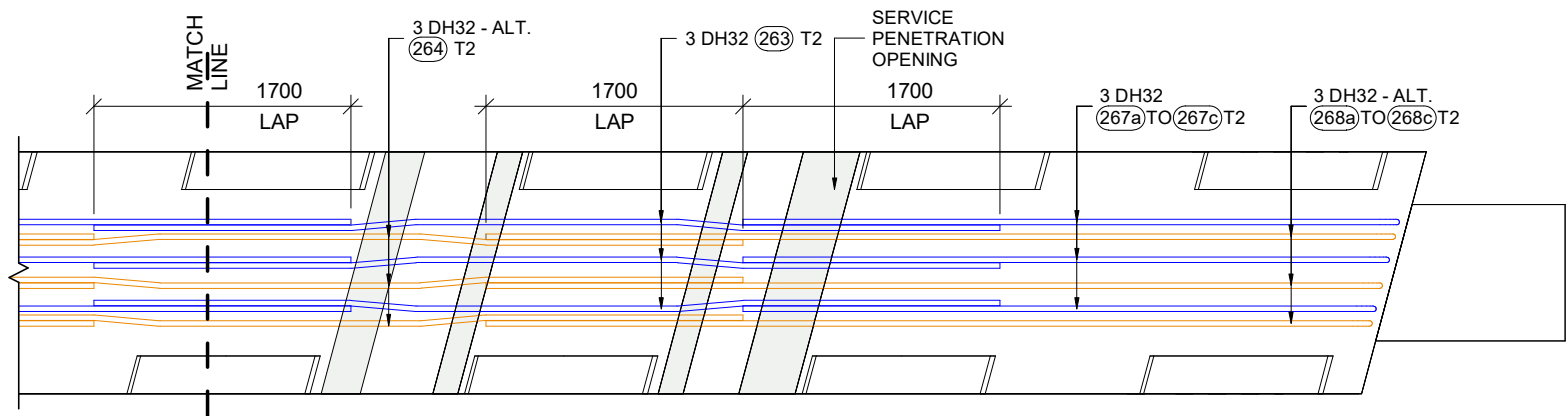
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK

PIER - B CROSSHEAD UPSTAND T2 LAYER REINFORCEMENT PLAN

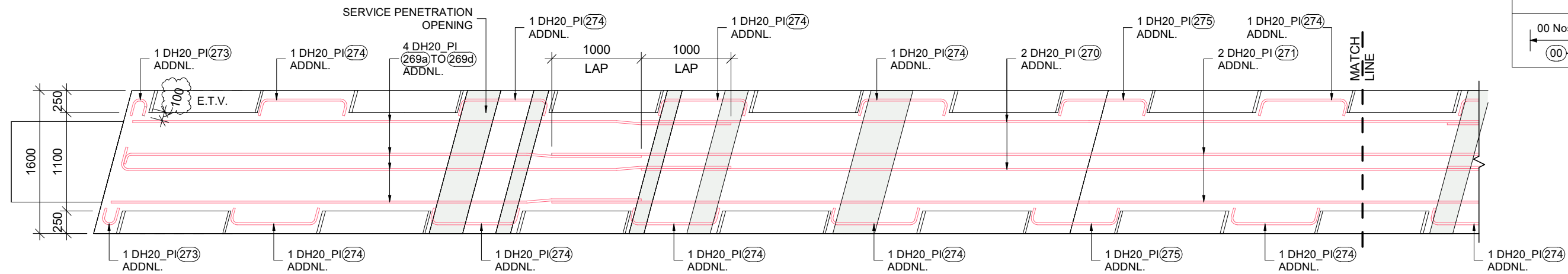
SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND T2 LAYER REINFORCEMENT PLAN

SCALE 1 : 50

SCALES					DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)		
SERVICE PROVIDER					DRAWN		STATUS: ISSUED FOR APPROVAL			
					DESIGNED		SHEET			
					DRG CHECK		REV 0			
					DESIGN CHECK		DRG No ST-E-B-24			
					APPROVED					
0	HD	11.11.2023	ISSUED FOR APPROVAL	-						
REV.	BY	DATE	DESCRIPTION	APPD.						
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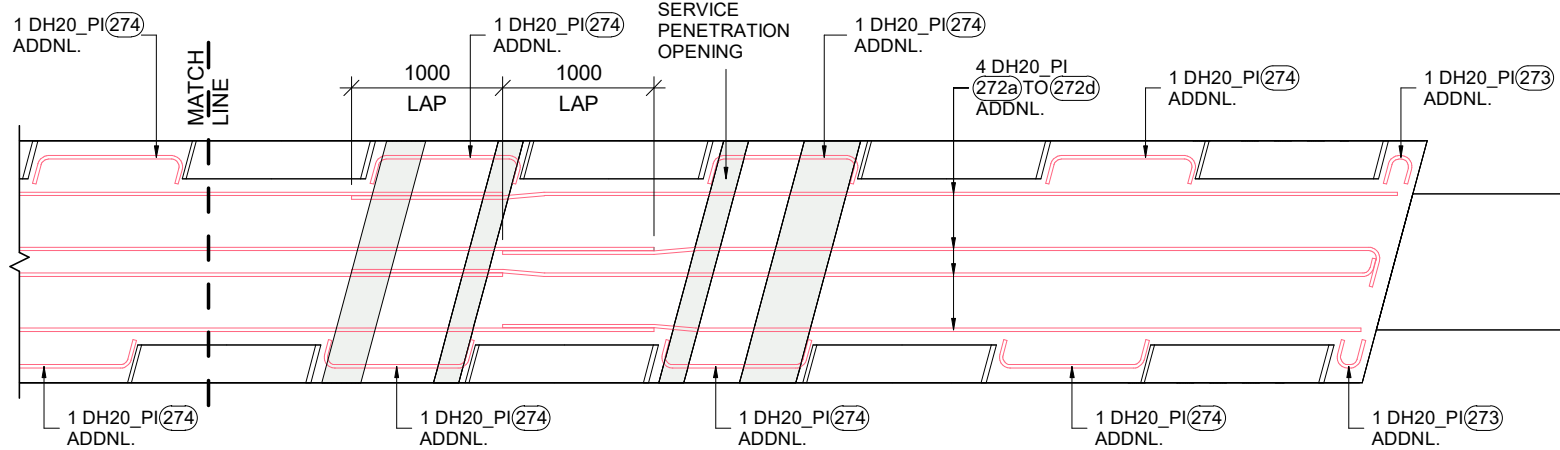
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ↑ BAR MARK
 ↑ SPACING
 ↑ BAR DIAMETER
 ↑ NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK

PIER - B CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 2nd LAYER REINF. PLAN (TOP TO BTM.)

SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 2nd LAYER REINF. PLAN (TOP TO BTM.)

SCALE 1 : 50

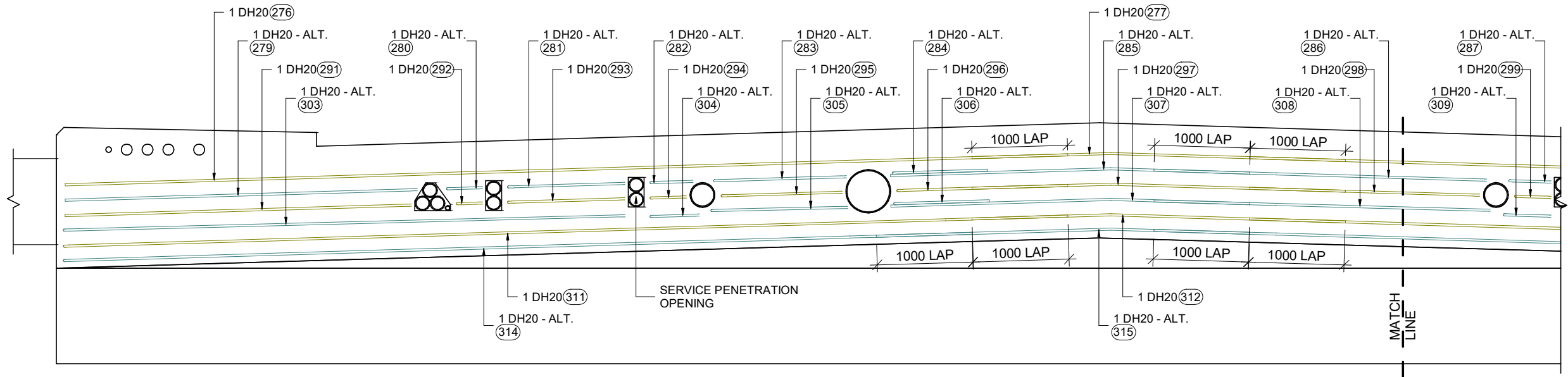
E.T.V. = ENGINEERS TO VERIFY

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0	HD	11.11.2023	ISSUED FOR APPROVAL	-																
REV.	BY	DATE	DESCRIPTION	APPD.																
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KEY LEGEND

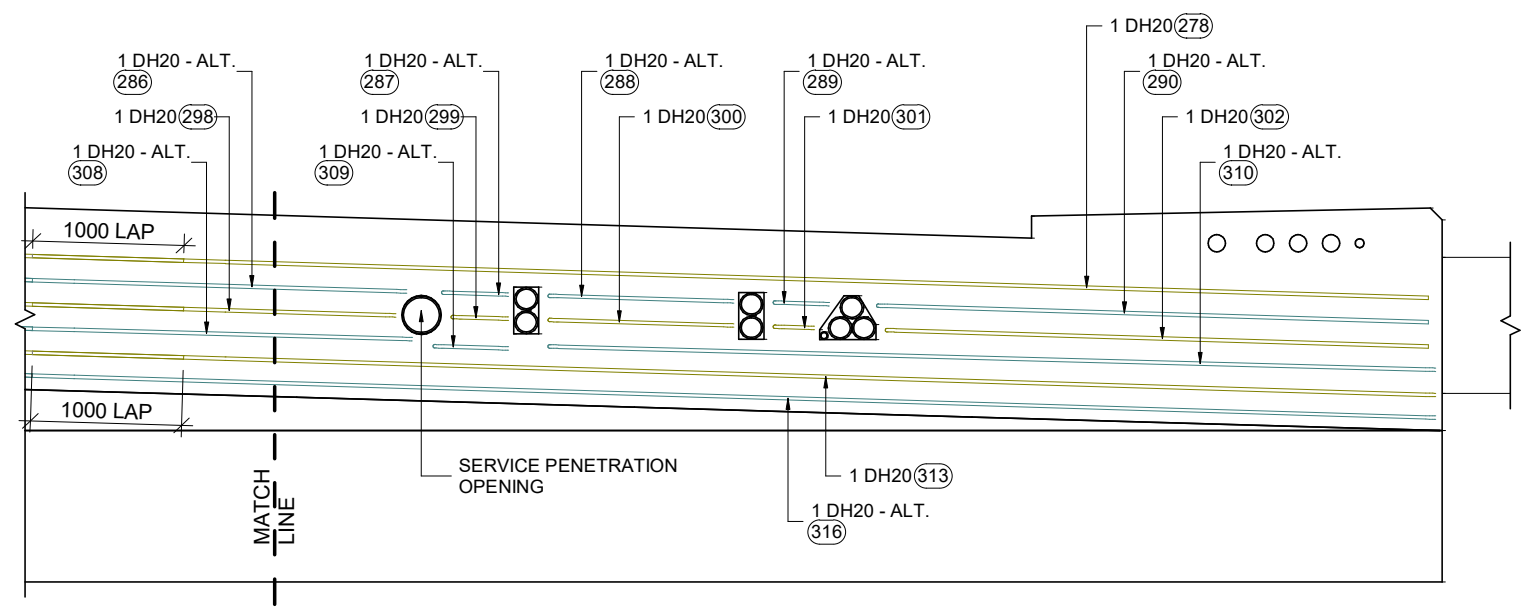
1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B_ CROSSHEAD UPSTAND DH20-150 SIDE BARS AT ABUTMENT - A SIDE ELEVATION

SCALE 1 : 50



PIER - B_ CROSSHEAD UPSTAND DH20-150 SIDE BARS AT ABUTMENT - A SIDE ELEVATION

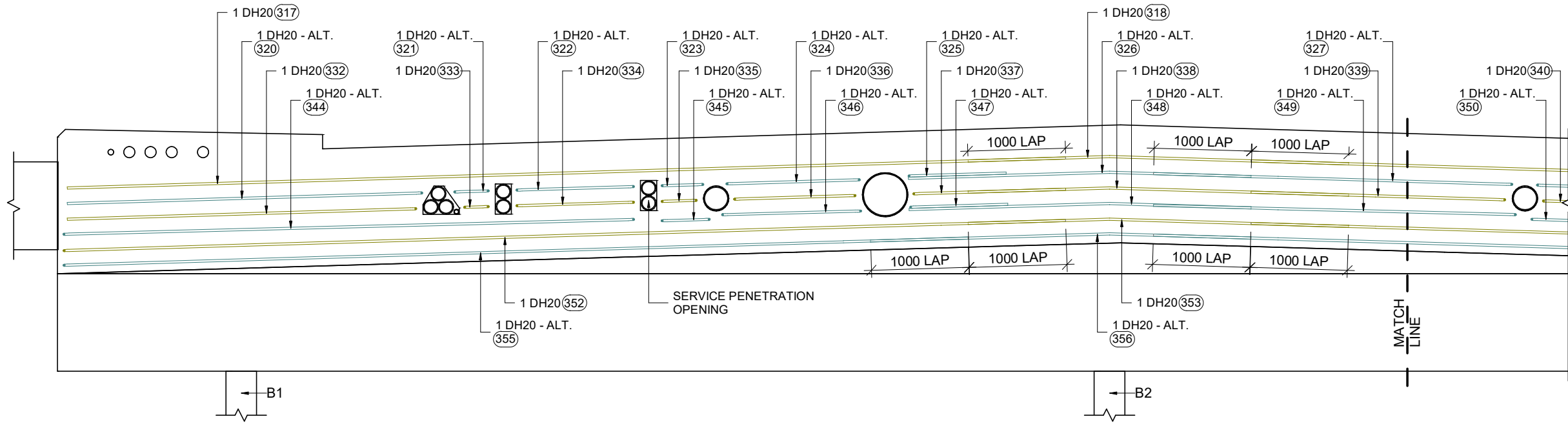
SCALE 1 : 50

SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_ CROSSHEAD UPSTAND DH20-150 SIDE BARS AT ABUTMENT - A SIDE ELEVATION
0	HD	11.11.2023	ISSUED FOR APPROVAL			SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-26 REV 0
REV.	BY	DATE	DESCRIPTION	APPD.			
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied							

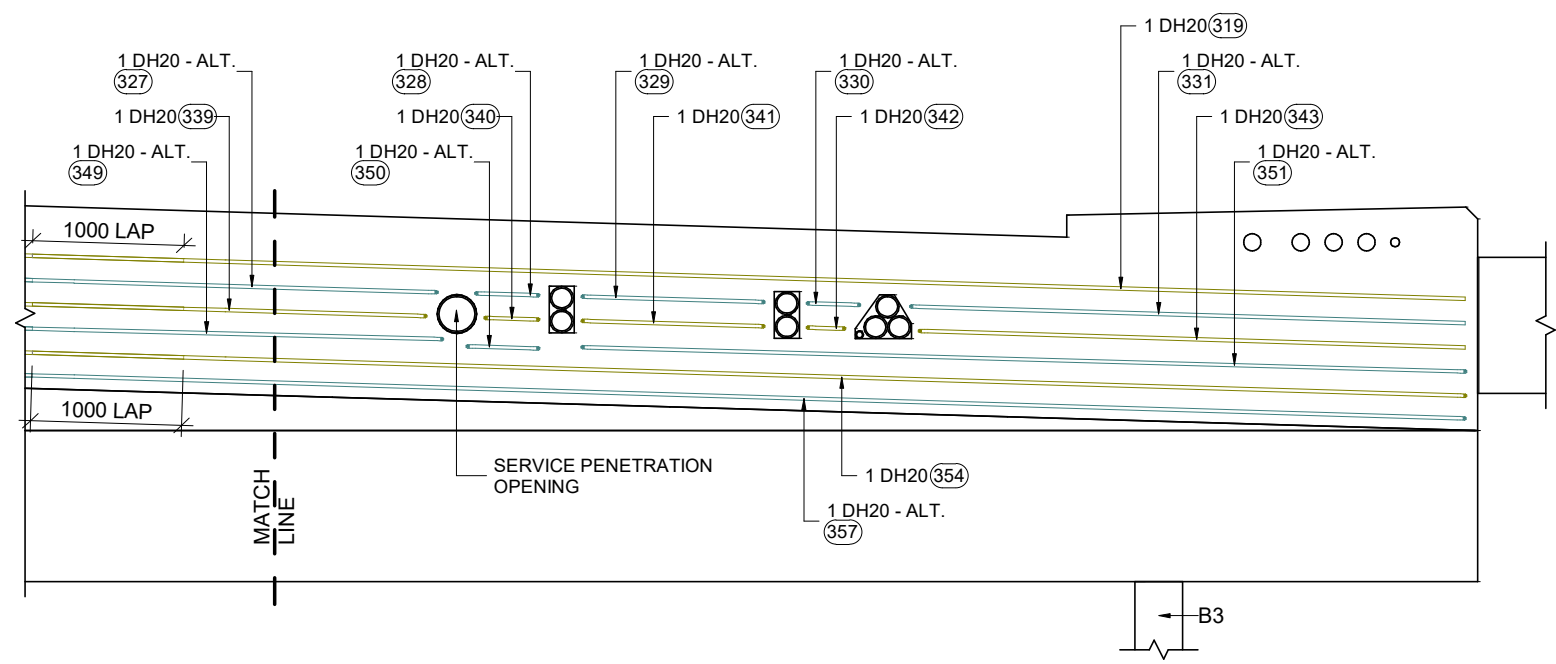
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS


00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND DH20-150 SIDE BARS AT PIER - C SIDE ELEVATION
 SCALE 1 : 50



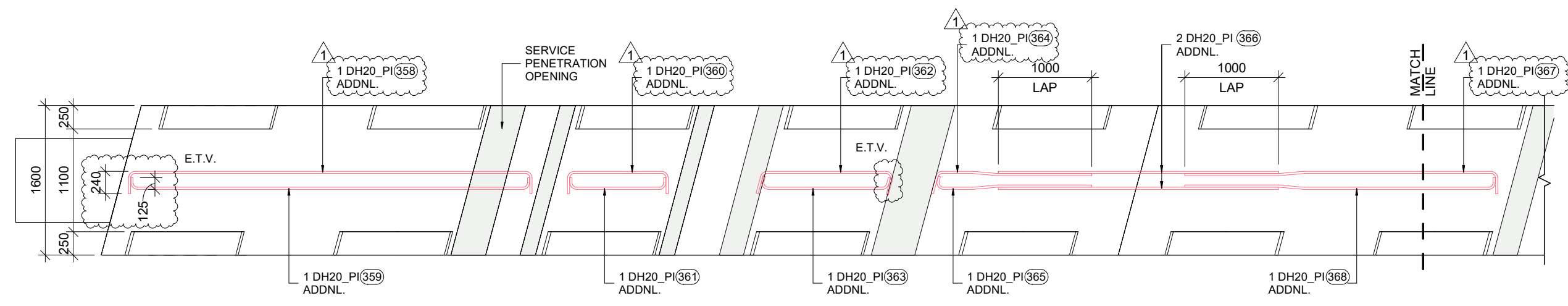
PIER - B CROSSHEAD UPSTAND DH20-150 SIDE BARS AT PIER - C SIDE ELEVATION
 SCALE 1 : 50

SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B CROSSHEAD UPSTAND DH20-150 SIDE BARS AT PIER - C SIDE ELEVATION
0	HD	11.11.2023	ISSUED FOR APPROVAL			SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-27 REV 0
REV.	BY	DATE	DESCRIPTION	APPD.	<small>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</small>		

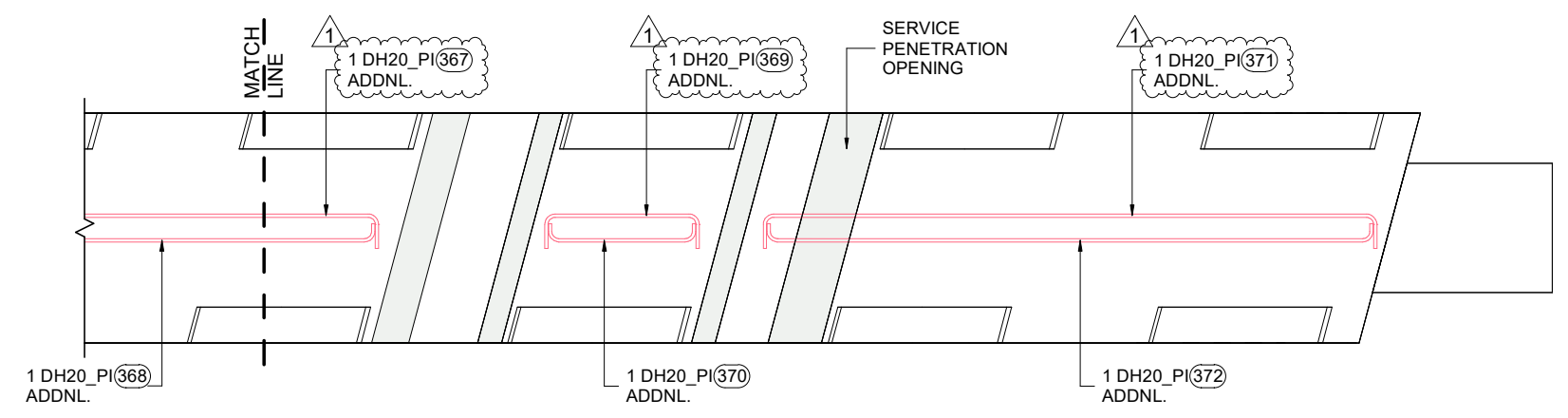
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 3rd LAYER REINF. PLAN (TOP TO BTM.)
 SCALE 1 : 50



PIER - B_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 3rd LAYER REINF. PLAN (TOP TO BTM.)
 SCALE 1 : 50

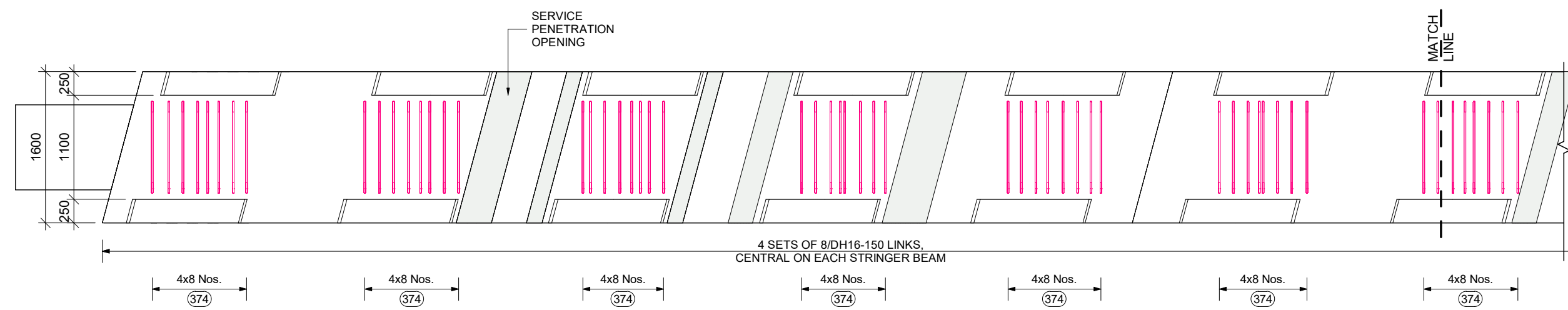
E.T.V. = ENGINEERS TO VERIFY

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>HD</td> <td>30.11.2023</td> <td>REVISED AS PER COMMENTS</td> <td>-</td> </tr> <tr> <td>0</td> <td>HD</td> <td>11.11.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	1	HD	30.11.2023	REVISED AS PER COMMENTS	-	0	HD	11.11.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p> <p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 3rd LAYER REINF. PLAN (TOP TO BTM)</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-28 REV 1</p>
REV.	BY	DATE	DESCRIPTION	APPD.																				
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0	HD	11.11.2023	ISSUED FOR APPROVAL	-																				
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																								

KEY LEGEND

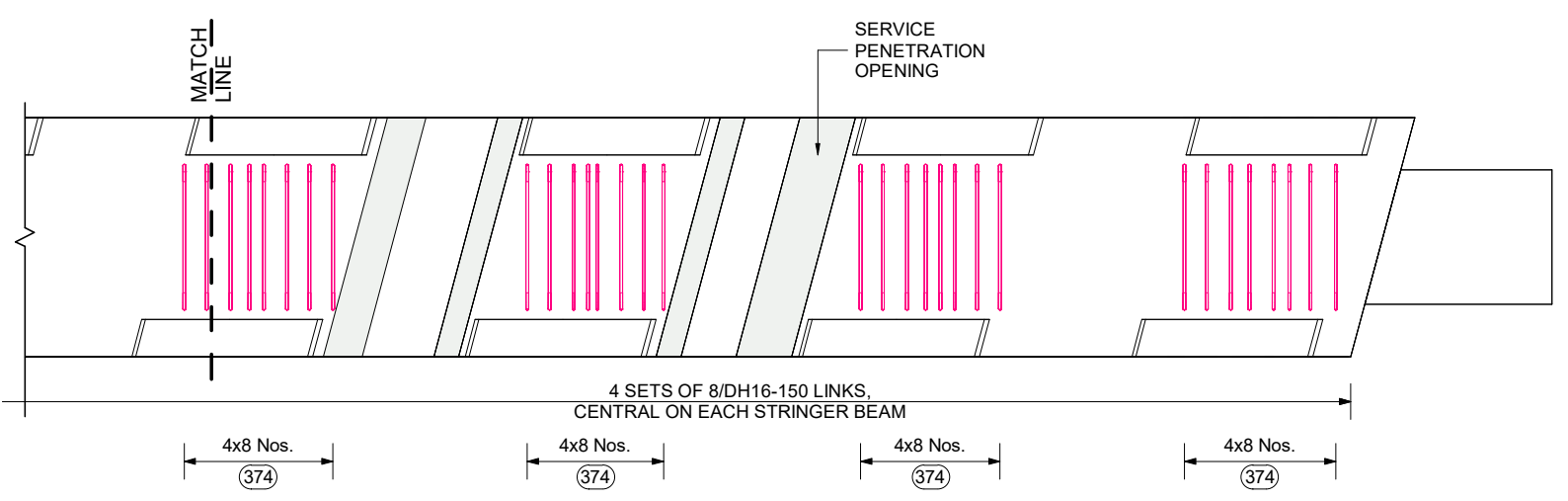
1 DIA -00 (01) 0
 ↑ ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B_CROSSHEAD UPSTAND 4 SETS OF 8/DH16-150 LINKS REINFORCEMENT PLAN

SCALE 1 : 50



PIER - B_CROSSHEAD UPSTAND 4 SETS OF 8/DH16-150 LINKS REINFORCEMENT PLAN

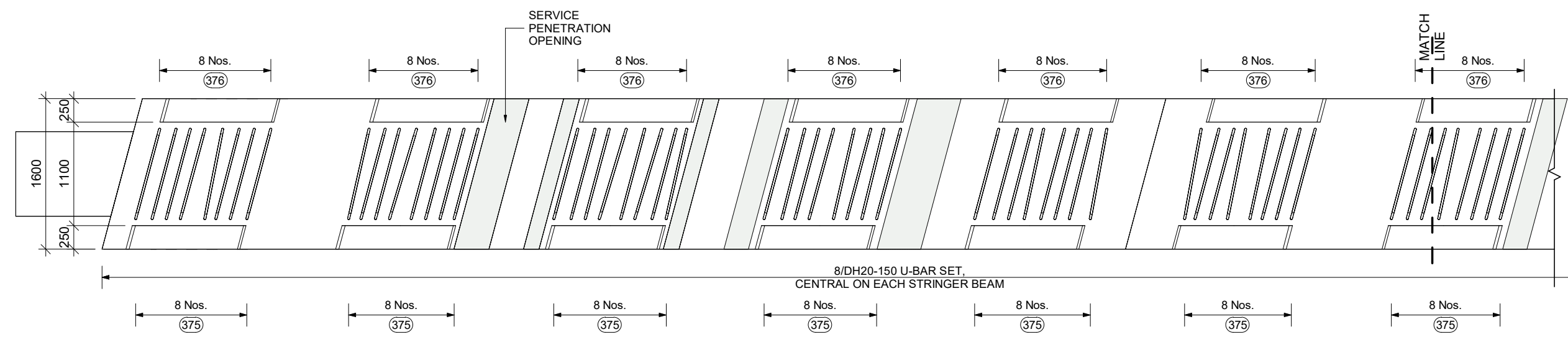
SCALE 1 : 50

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0	HD	11.11.2023	ISSUED FOR APPROVAL	-																
REV.	BY	DATE	DESCRIPTION	APPD.																
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KEY LEGEND

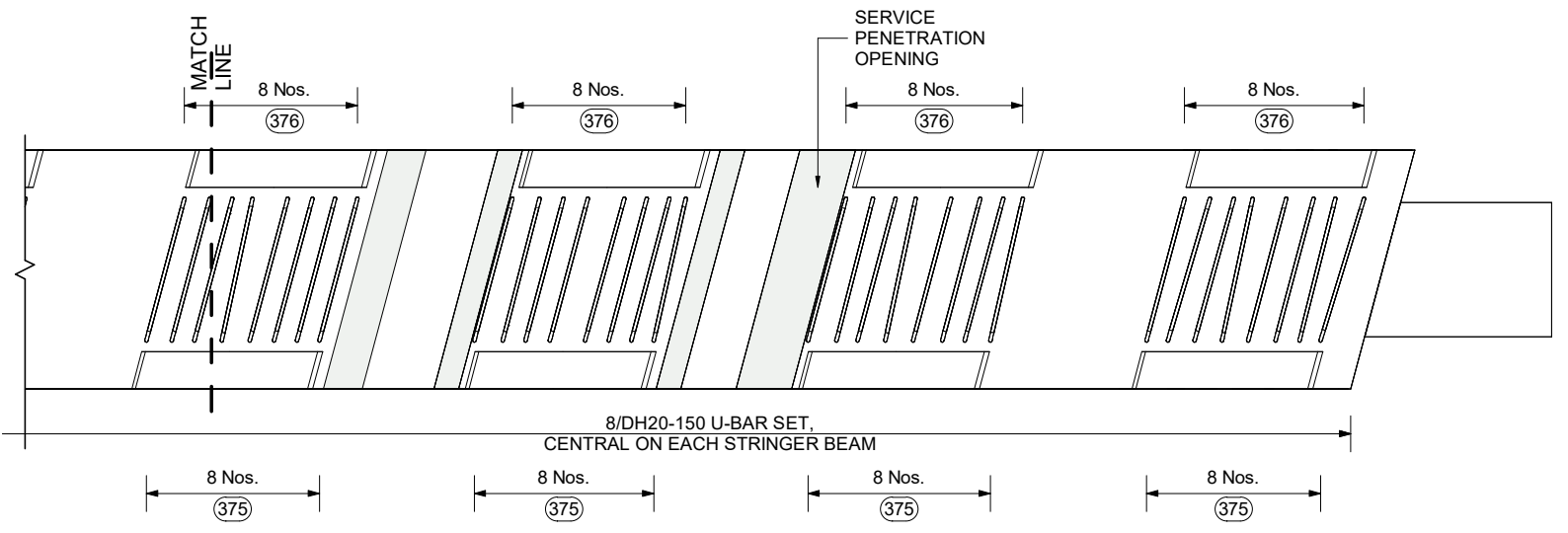
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 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND 8/DH20-150 SKEW BARS AT EACH STRINGER BEAM REINFORCEMENT PLAN

SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND 8/DH20-150 SKEW BARS AT EACH STRINGER BEAM REINFORCEMENT PLAN

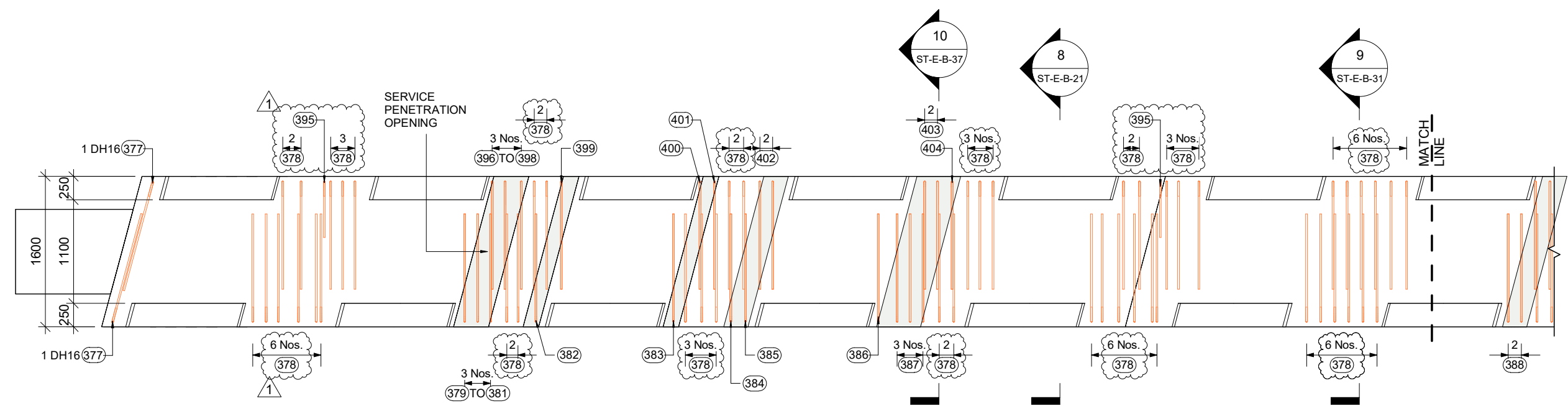
SCALE 1 : 50

<table border="1"> <tr> <td>0</td> <td>HD</td> <td>11.11.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> <tr> <td>REV.</td> <td>BY</td> <td>DATE</td> <td>DESCRIPTION</td> <td>APPD.</td> </tr> </table>					0	HD	11.11.2023	ISSUED FOR APPROVAL	-	REV.	BY	DATE	DESCRIPTION	APPD.	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B CROSSHEAD UPSTAND 8/DH20-150 SKEW BARS AT EACH STRINGER BEAM REINF. PLAN</p>
0	HD	11.11.2023	ISSUED FOR APPROVAL	-															
REV.	BY	DATE	DESCRIPTION	APPD.															
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>					<p>DESIGNER</p>	<p>CLIENT</p>	<p>SERVICE PROVIDER</p> <p>SILICON Engineering Consultants Ltd</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-30 REV 0</p>										

KEY LEGEND

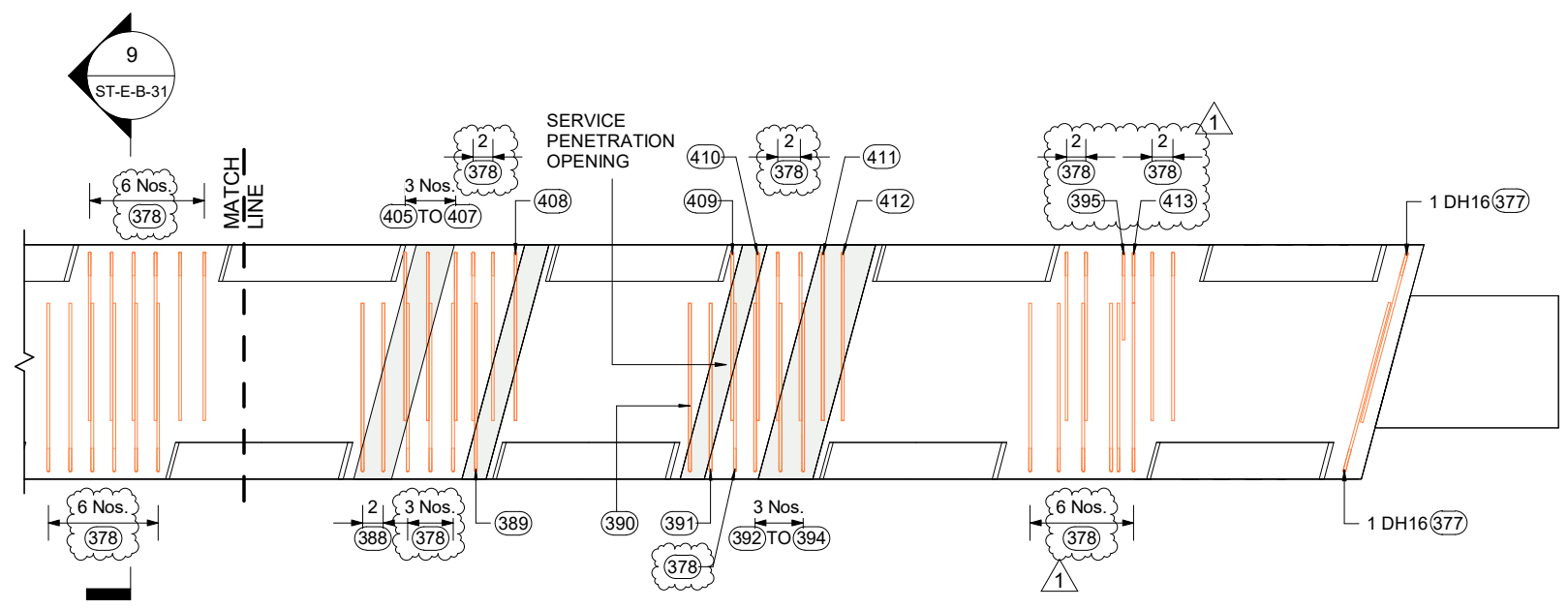
1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ○ BAR MARK
 — SPACING
 — BAR DIAMETER
 — NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



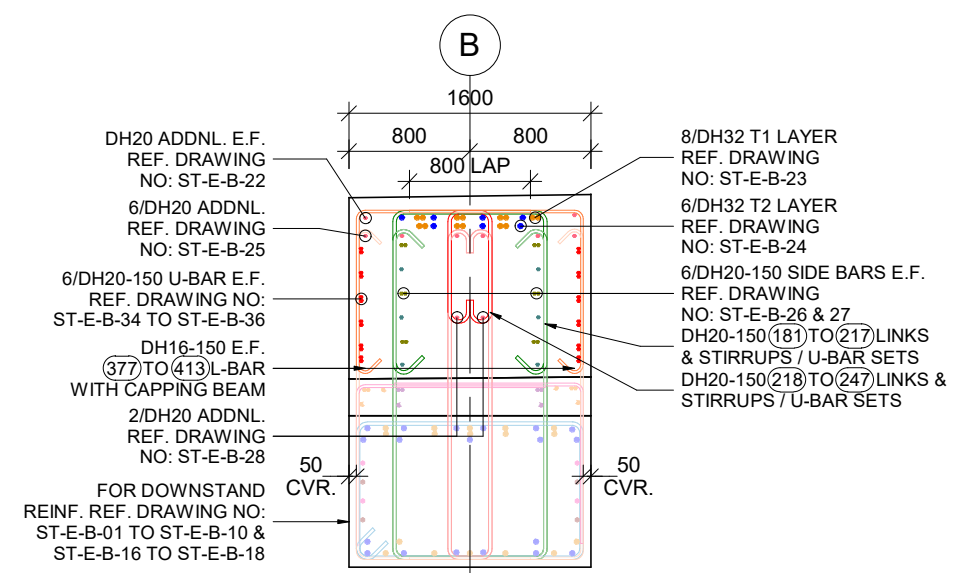
PIER - B CROSSHEAD UPSTAND DH16-150 L-BAR REINFORCEMENT PLAN

SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND DH16-150 L-BAR REINFORCEMENT PLAN

SCALE 1 : 50



9 SECTION
 ST-E-B-21 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
1	HD	30.11.2023	REVISED AS PER COMMENTS	-
0	HD	11.11.2023	ISSUED FOR APPROVAL	-

SCALES

DESIGNER
 CLIENT

DISCLAIMER
 SERVICE PROVIDER

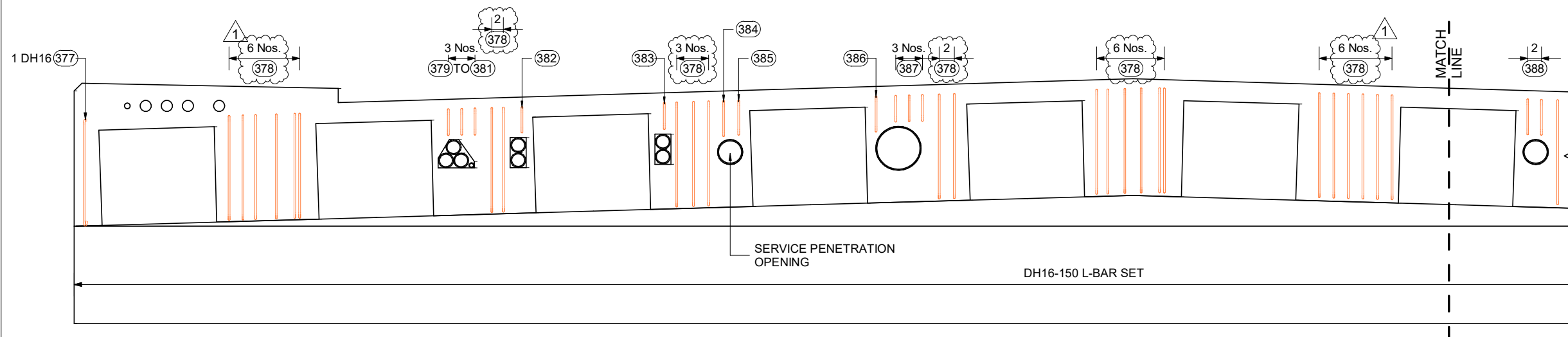
	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED
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PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)		
PIER - B CROSSHEAD UPSTAND (DH16-150 L-BAR) REINFORCEMENT PLAN		
STATUS: ISSUED FOR APPROVAL	SHEET	(C)
DRG No ST-E-B-31	REV	1

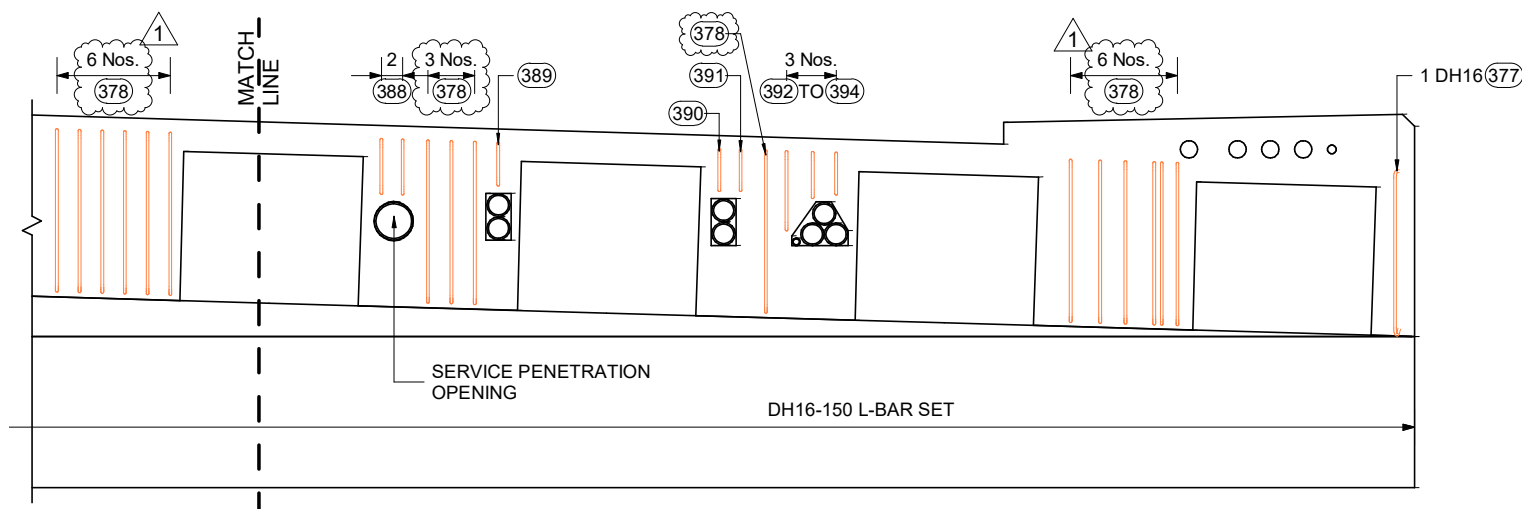
KEY LEGEND

1 DIA -00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



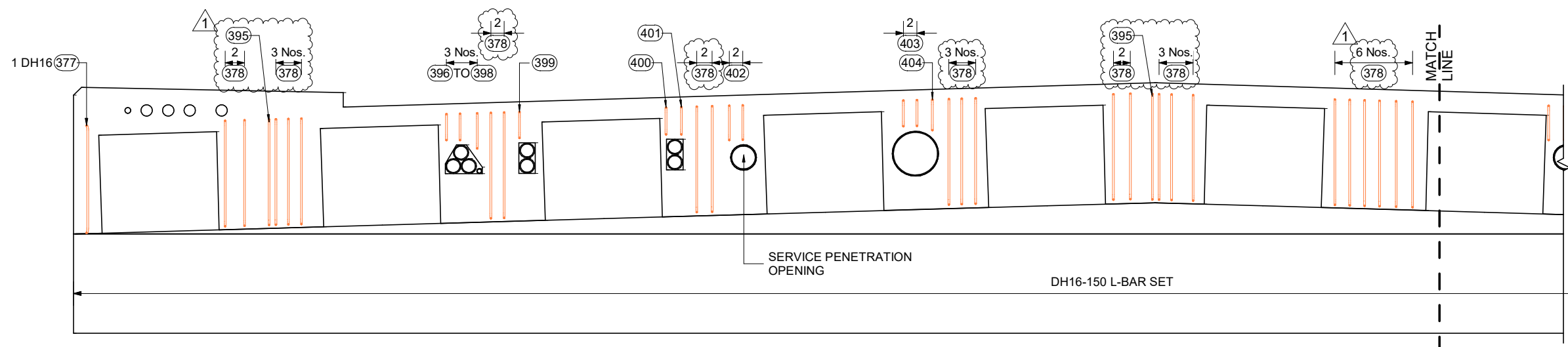
PIER - B CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT ABUTMENT - A SIDE
 SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT ABUTMENT - A SIDE
 SCALE 1 : 50

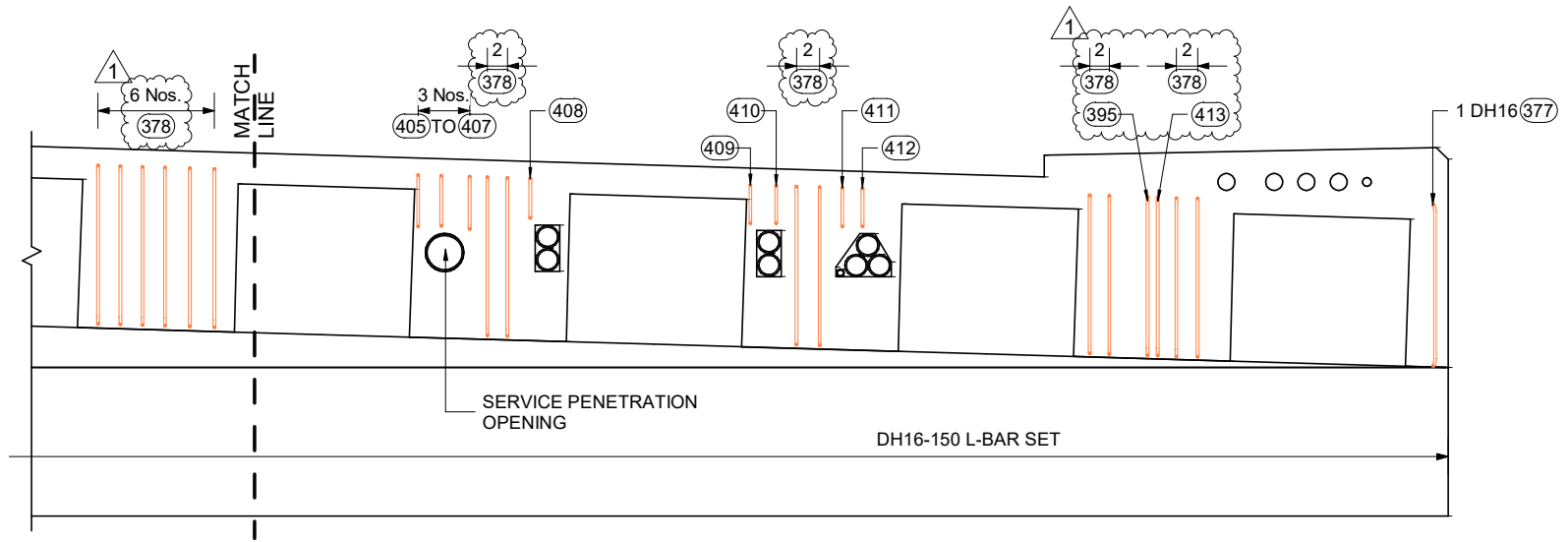
<table border="1"> <tr> <td>1</td> <td>HD</td> <td>30.11.2023</td> <td>REVISED AS PER COMMENTS</td> <td>-</td> </tr> <tr> <td>0</td> <td>HD</td> <td>11.11.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> <tr> <td>REV.</td> <td>BY</td> <td>DATE</td> <td>DESCRIPTION</td> <td>APPD.</td> </tr> </table>				1	HD	30.11.2023	REVISED AS PER COMMENTS	-	0	HD	11.11.2023	ISSUED FOR APPROVAL	-	REV.	BY	DATE	DESCRIPTION	APPD.	SCALES DESIGNER CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small> SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT ABUTMENT - A SIDE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-32 REV 1
1	HD	30.11.2023	REVISED AS PER COMMENTS	-																		
0	HD	11.11.2023	ISSUED FOR APPROVAL	-																		
REV.	BY	DATE	DESCRIPTION	APPD.																		
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																						

KEY LEGEND	
1 DIA - 00	BAR POSITION
(01)	BAR MARK
0	SPACING
(01)	BAR DIAMETER
0	NO. OF BARS
00 Nos.	NO. OF BARS
(00)	BAR MARK




PIER - B_ CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT PIER - C SIDE

SCALE 1 : 50



PIER - B_ CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT PIER - C SIDE

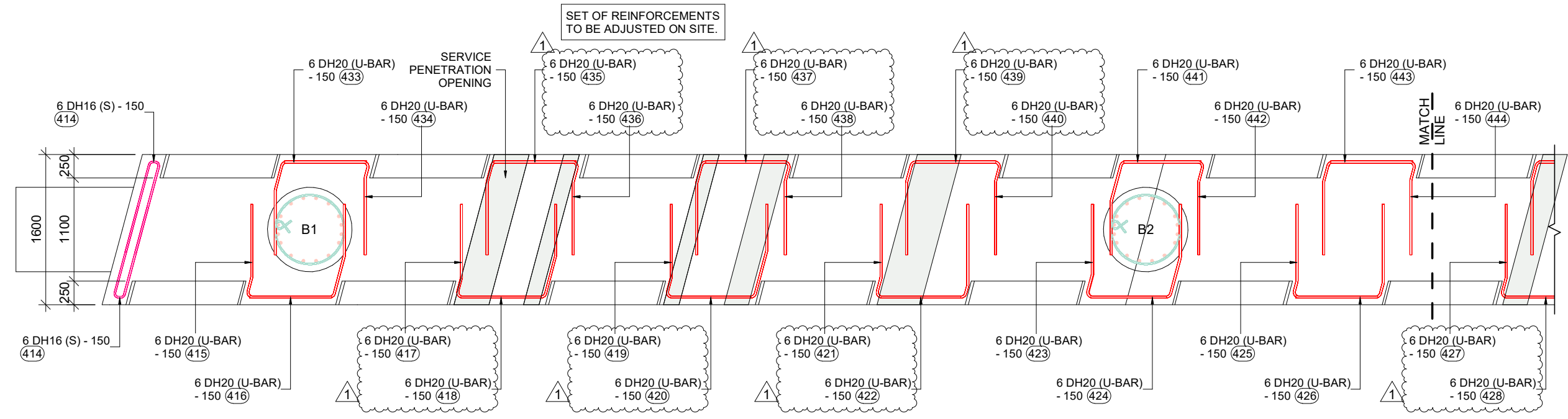
SCALE 1 : 50

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>HD</td> <td>30.11.2023</td> <td>REVISED AS PER COMMENTS</td> <td>-</td> </tr> <tr> <td>0</td> <td>HD</td> <td>11.11.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	1	HD	30.11.2023	REVISED AS PER COMMENTS	-	0	HD	11.11.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p> <p>SERVICE PROVIDER</p> 	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B_ CROSSHEAD UPSTAND SECTION (DH16-150 L-BAR) AT PIER - C SIDE</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-33 REV 1</p>
REV.	BY	DATE	DESCRIPTION	APPD.																				
1	HD	30.11.2023	REVISED AS PER COMMENTS	-																				
0	HD	11.11.2023	ISSUED FOR APPROVAL	-																				
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																								

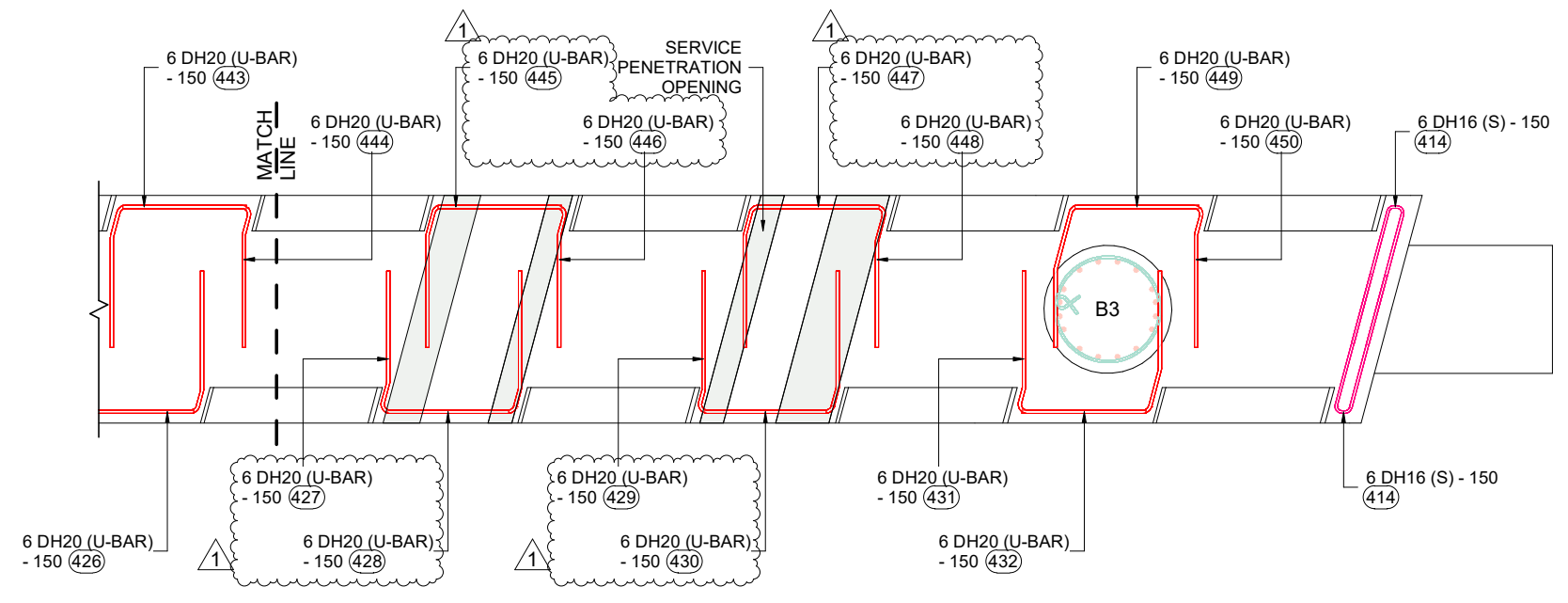
KEY LEGEND

1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B_CROSSHEAD UPSTAND (6/DH20-150 U-BARS) REINFORCEMENT PLAN
 SCALE 1 : 50



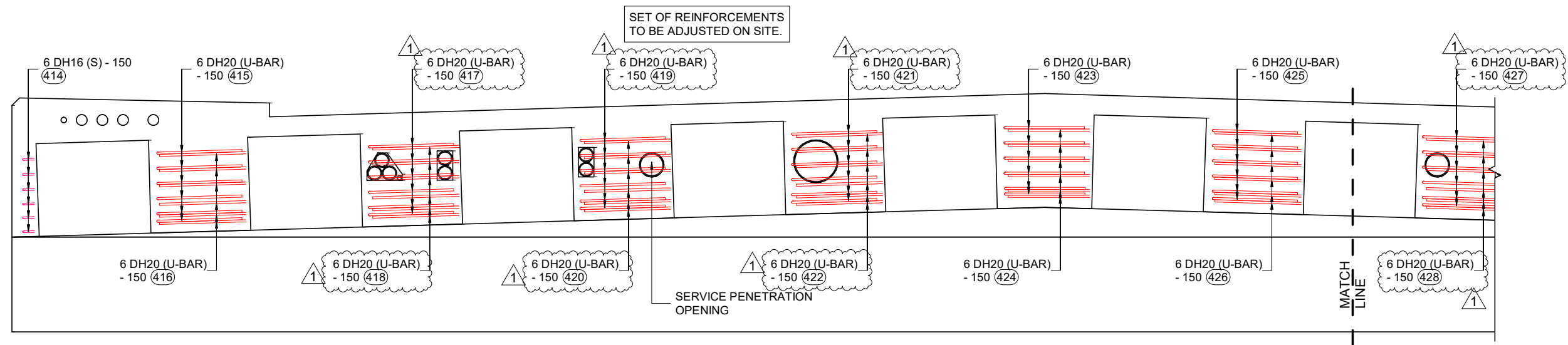
PIER - B_CROSSHEAD UPSTAND (6/DH20-150 U-BARS) REINFORCEMENT PLAN
 SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)		
							SERVICE PROVIDER 	DRAWN	PIER - B_CROSSHEAD UPSTAND (6/DH20-150 U-BARS) REINFORCEMENT PLAN	
								DESIGNED		
								DRG CHECK	STATUS: ISSUED FOR APPROVAL SHEET (C)	
								DESIGN CHECK		
								APPROVED	DRG No ST-E-B-34	
1	HD	30.11.2023	REVISED AS PER COMMENTS	-						REV 1
0	HD	11.11.2023	ISSUED FOR APPROVAL	-						
REV.	BY	DATE	DESCRIPTION	APPD.						
A3 Original				Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied				

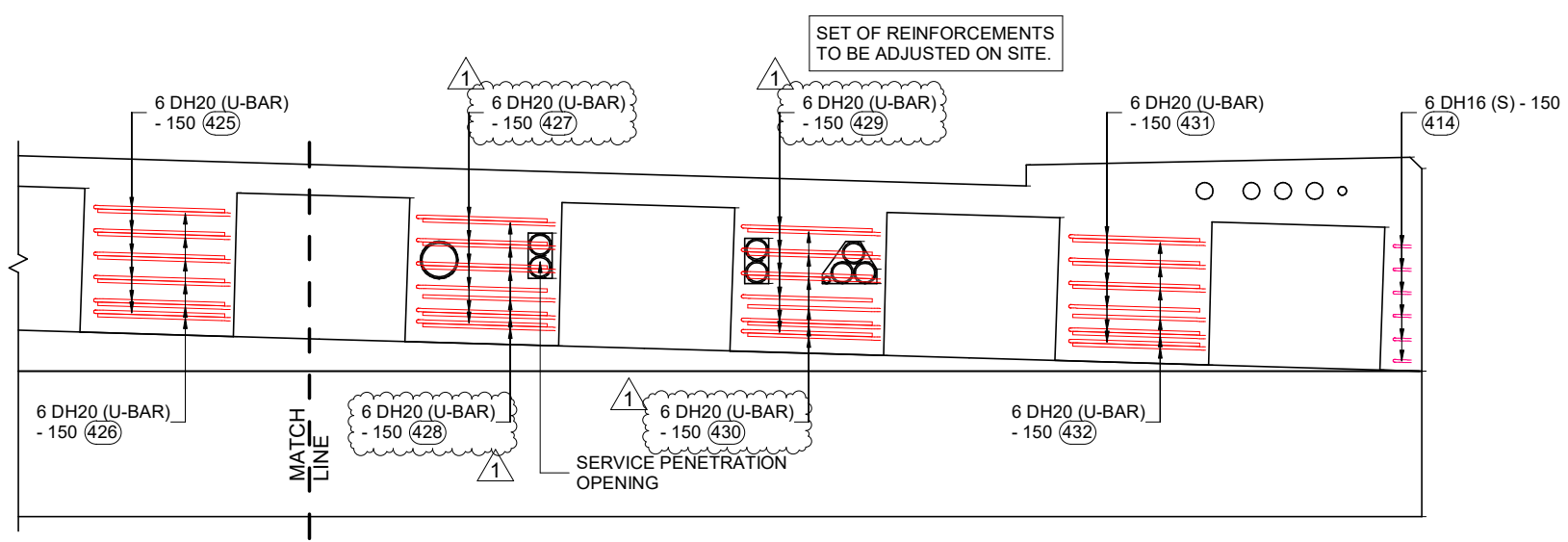
KEY LEGEND

1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT ABUTMENT - A SIDE ELEVATION
 SCALE 1 : 50



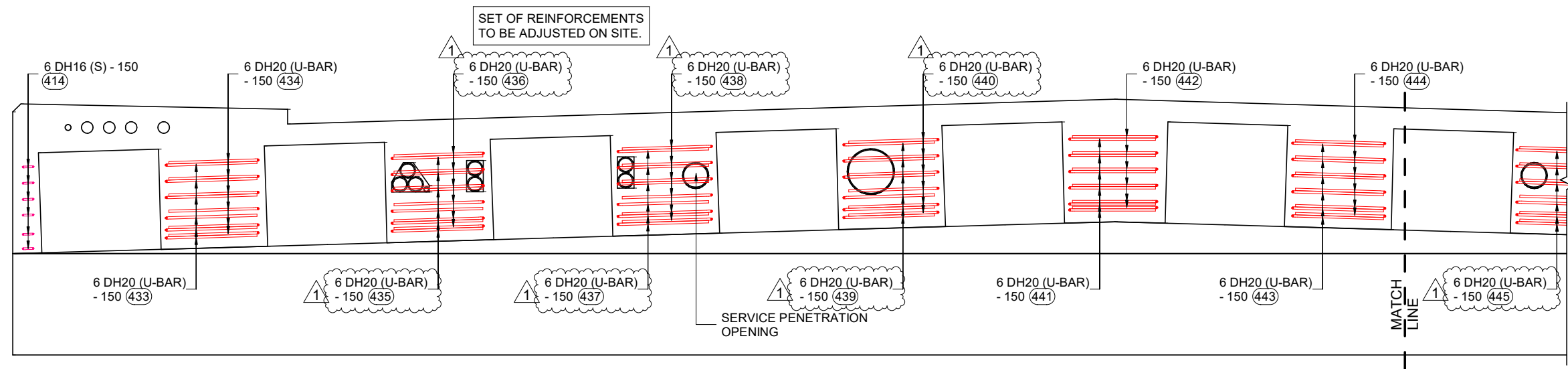
PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT ABUTMENT - A SIDE ELEVATION
 SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)		
							SERVICE PROVIDER 	DRAWN	PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT ABUTMENT - A SIDE ELEVATION	
1	HD	30.11.2023	REVISED AS PER COMMENTS	-				DESIGNED	STATUS: ISSUED FOR APPROVAL SHEET (C)	
0	HD	11.11.2023	ISSUED FOR APPROVAL	-				DRG CHECK	DRG No ST-E-B-35 REV 1	
REV.	BY	DATE	DESCRIPTION	APPD.				DESIGN CHECK		
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000		This sheet may be prepared using colour and may be incomplete if copied					
								APPROVED		

KEY LEGEND

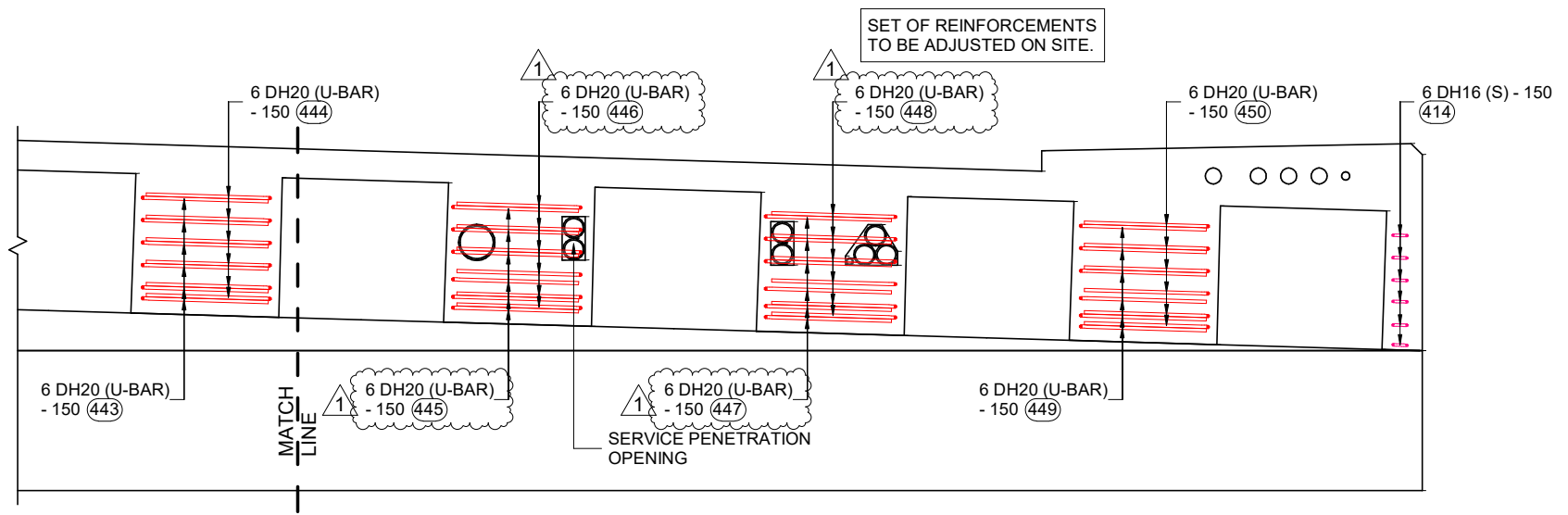
1 DIA -00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT PIER - C SIDE ELEVATION

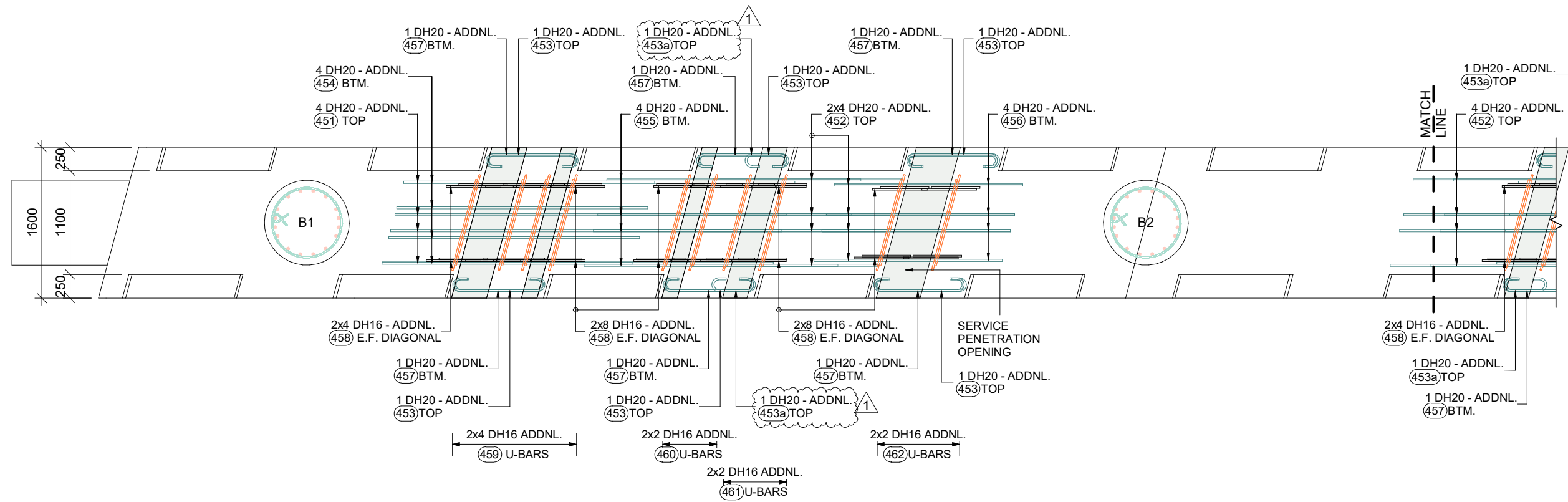
SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT PIER - C SIDE ELEVATION

SCALE 1 : 50

<table border="1"> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> <tr> <td>1</td> <td>HD</td> <td>30.11.2023</td> <td>REVISED AS PER COMMENTS</td> <td>-</td> </tr> <tr> <td>0</td> <td>HD</td> <td>11.11.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	1	HD	30.11.2023	REVISED AS PER COMMENTS	-	0	HD	11.11.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p> <p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B CROSSHEAD UPSTAND (6/DH20-150 U-BARS) AT PIER - C SIDE ELEVATION</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-36 REV 1</p>
REV.	BY	DATE	DESCRIPTION	APPD.																				
1	HD	30.11.2023	REVISED AS PER COMMENTS	-																				
0	HD	11.11.2023	ISSUED FOR APPROVAL	-																				
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																								



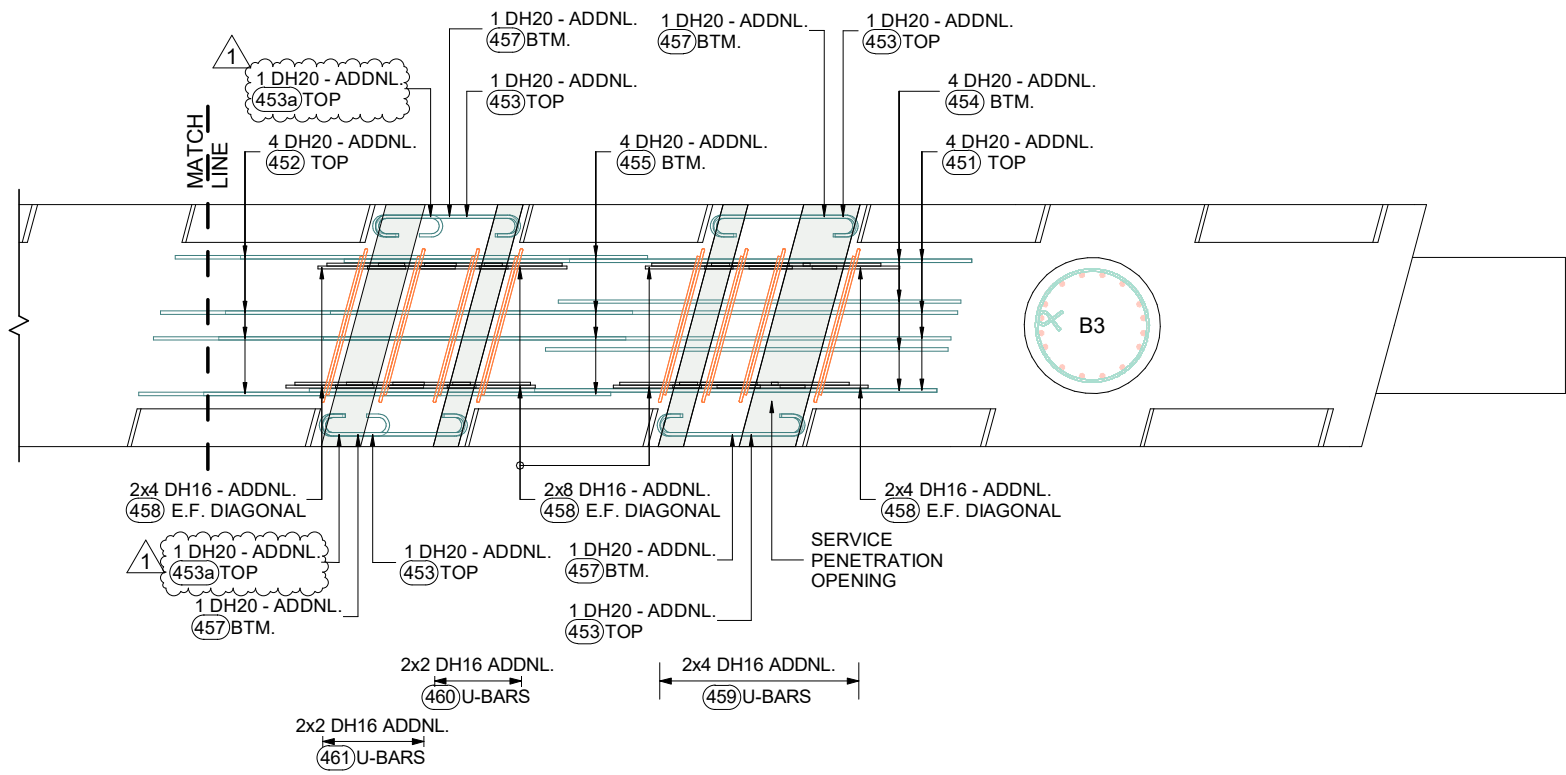
KEY LEGEND

1	DIA	-00	(01)	0	BAR POSITION
			(01)		BAR MARK
					SPACING
					BAR DIAMETER
					NO. OF BARS

00 Nos.	NO. OF BARS
(00)	BAR MARK

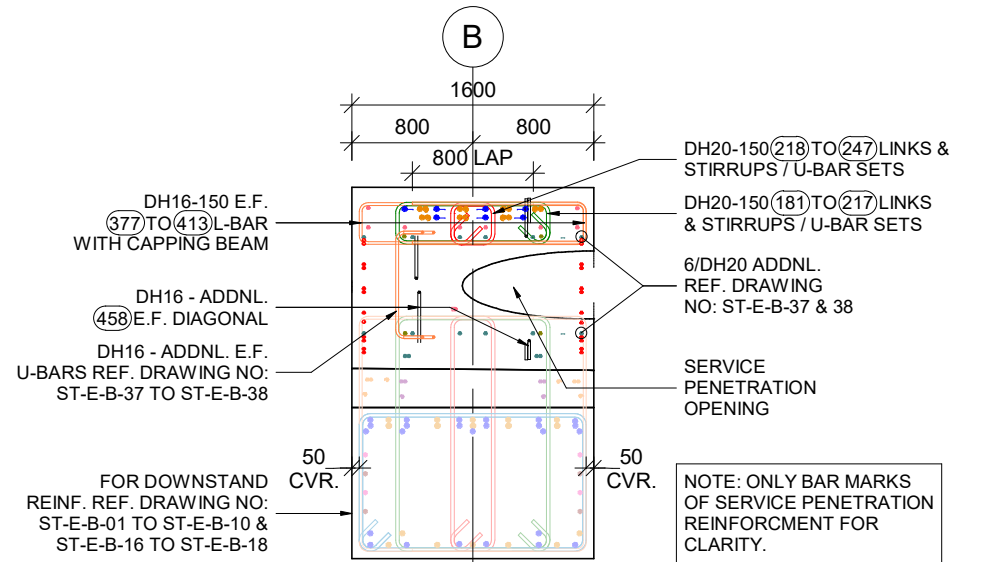
PIER - B CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION REINFORCEMENT PLAN

SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION REINFORCEMENT PLAN

SCALE 1 : 50



10 SECTION
ST-E-B-21 SCALE 1 : 50

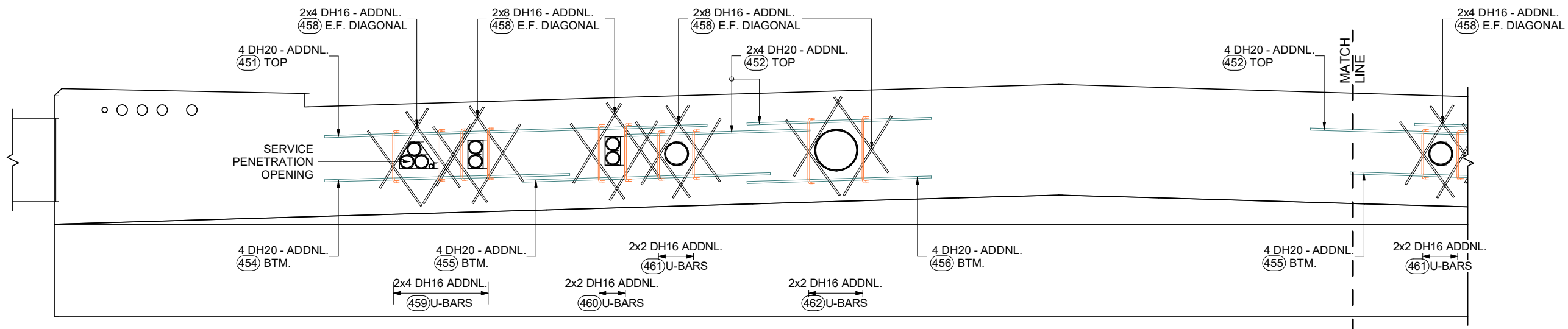
NOTE: ONLY BAR MARKS OF SERVICE PENETRATION REINFORCEMENT FOR CLARITY.

<p>1 HD 30.11.2023 REVISED AS PER COMMENTS</p> <p>0 HD 11.11.2023 ISSUED FOR APPROVAL</p> <p>REV. BY DATE DESCRIPTION APPD.</p>				<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</p>	<p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)</p> <p>PIER - B CROSSHEAD UPSTAND SERVICE PENETRATION REINFORCEMENT PLAN</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-E-B-37 REV 1</p>
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>										

KEY LEGEND

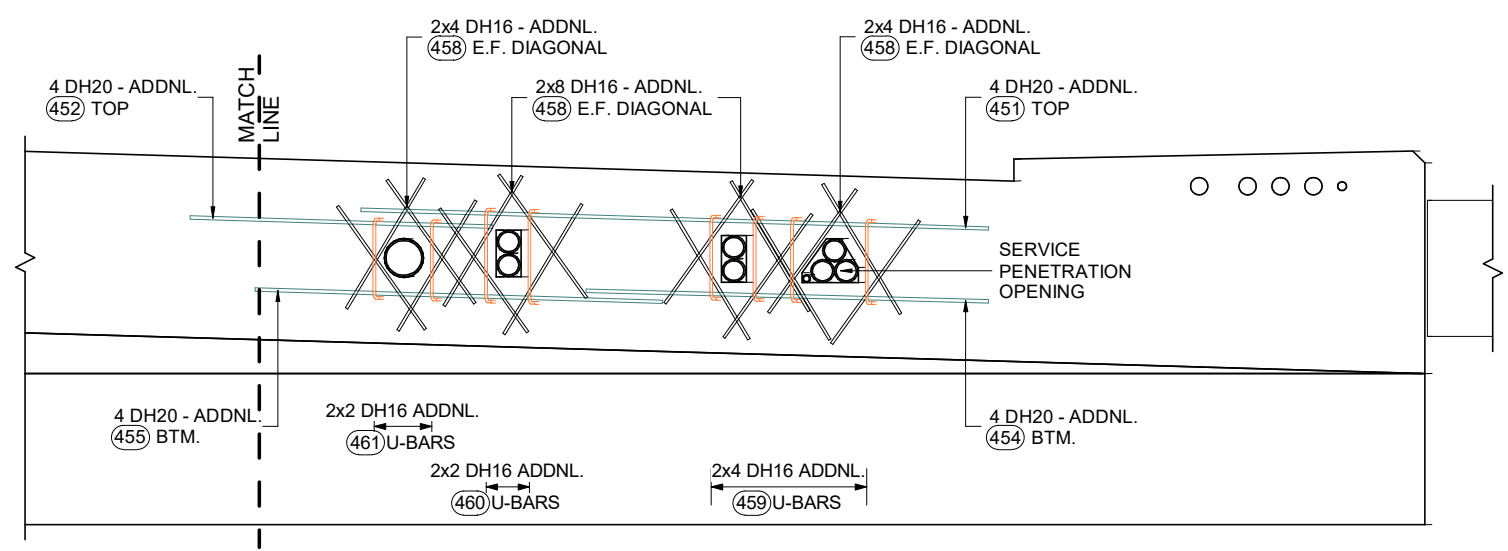
1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION ELEVATION

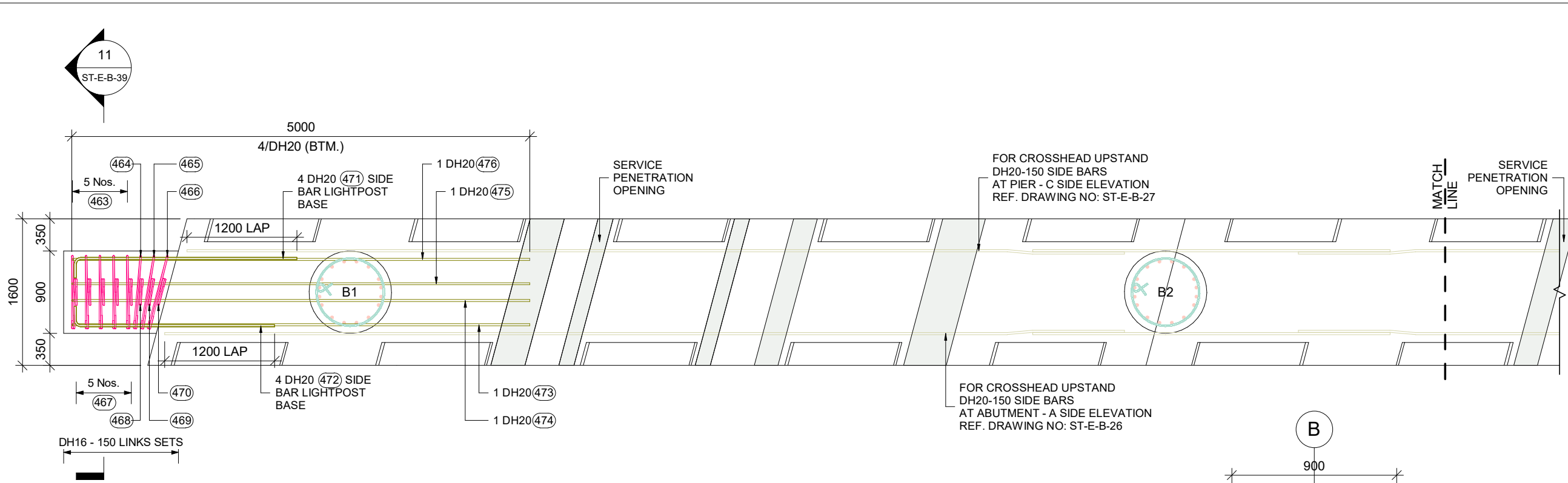
SCALE 1 : 50



PIER - B CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION ELEVATION

SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B CROSSHEAD UPSTAND SERVICE PENETRATION ELEVATION				
							SERVICE PROVIDER 				DRAWN	STATUS: ISSUED FOR APPROVAL	SHEET	(C)
0	HD	11.11.2023	ISSUED FOR APPROVAL					DRAWN	DRG No	ST-E-B-38	REV	0
REV.	BY	DATE	DESCRIPTION	APPD.				DESIGNED				
								DRG CHECK				
								DESIGN CHECK				
								APPROVED				
A3 Original	Co-ordinate System: WANGTM2000 Datum: NZGD2000			This sheet may be prepared using colour and may be incomplete if copied								

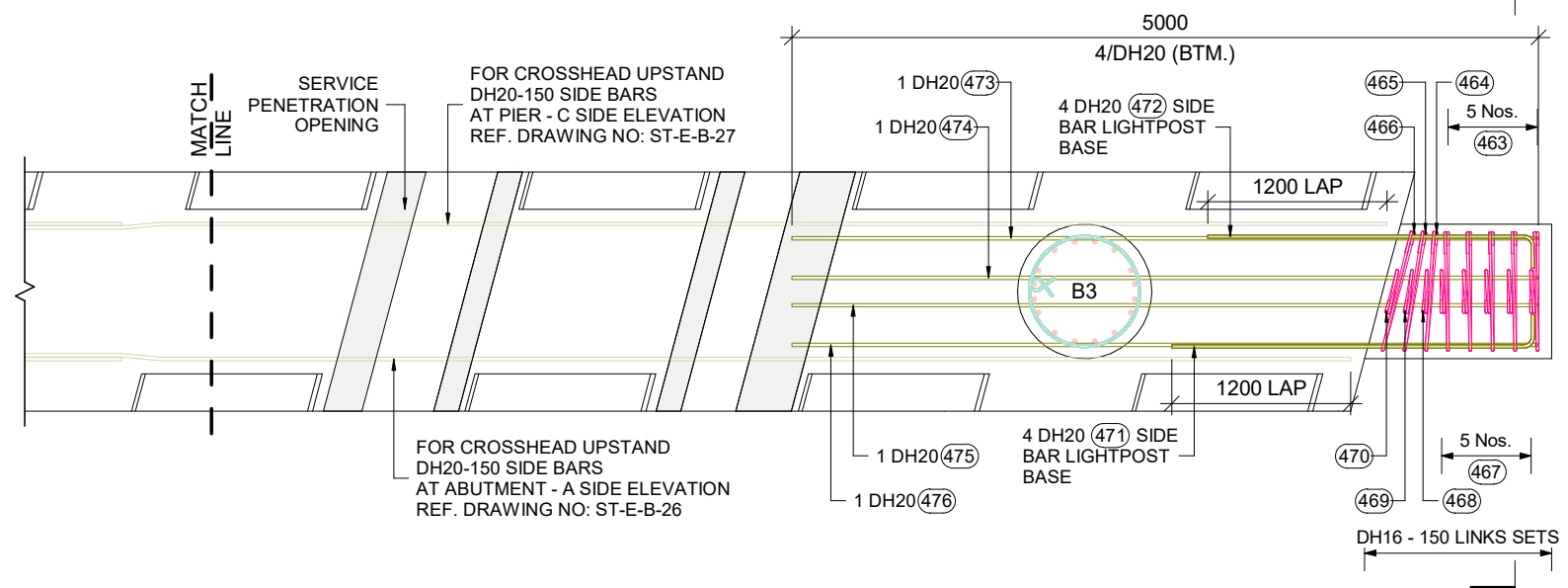


PIER - B CROSSHEAD UPSTAND LIGHTPOST BASE REINFORCEMENT PLAN
SCALE 1 : 50

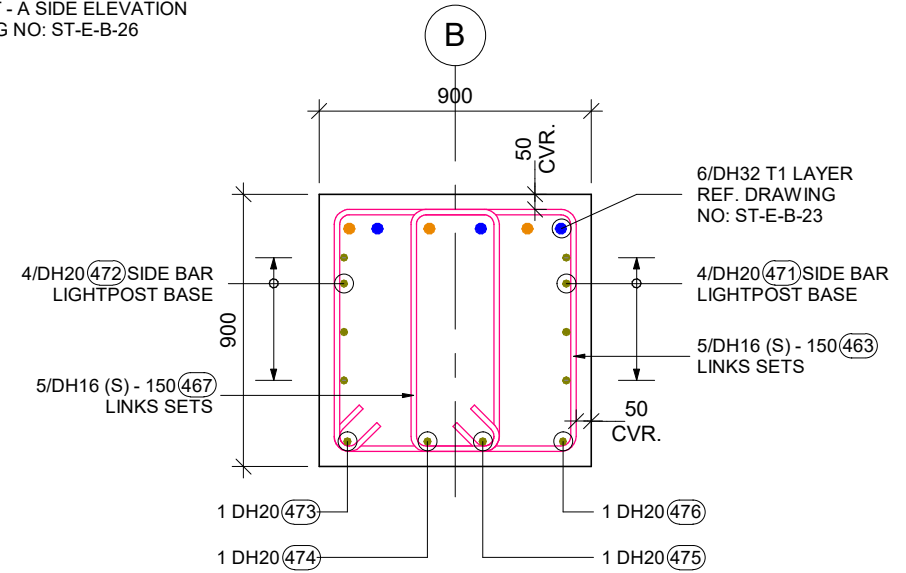
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ ↑ ↑ ↑ ↑
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

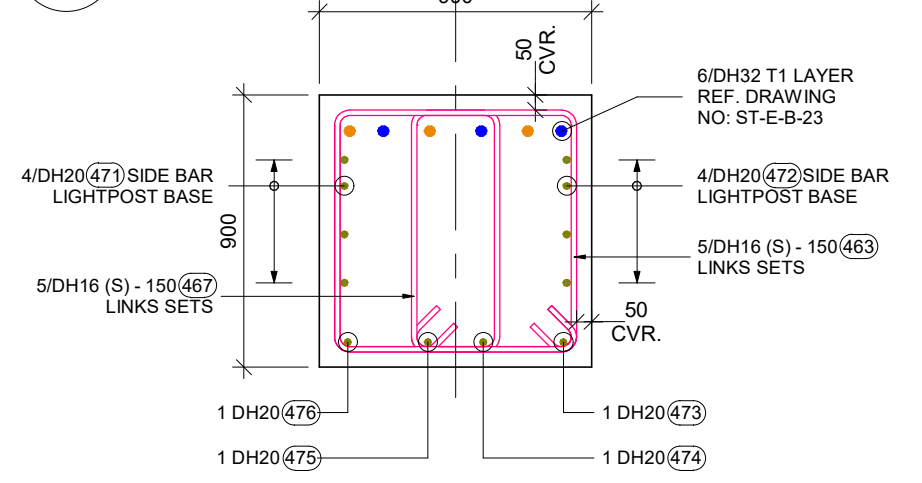
00 Nos. — NO. OF BARS
 (00) — BAR MARK



PIER - B CROSSHEAD UPSTAND LIGHTPOST BASE REINFORCEMENT PLAN
SCALE 1 : 50



11 SECTION
SCALE 1 : 25



12 SECTION
SCALE 1 : 25

SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B CROSSHEAD UPSTAND LIGHTPOST BASE REINFORCEMENT PLAN
0	HD	11.11.2023	ISSUED FOR APPROVAL			SERVICE PROVIDER		DRAWN ..... DESIGNED ..... DRG CHECK ..... DESIGN CHECK ..... APPROVED .....
REV.	BY	DATE	DESCRIPTION	APPD.			STATUS: ISSUED FOR APPROVAL DRG No: ST-E-B-39 SHEET: (C) REV: 0
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		01	
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		30.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
181	2	DH20_G (S) A	L8	3101	191	1080	656	1080	0	0	191	119	119	0		0	0	0				15.30 kg	0.015
181a	98	DH20_G (S) A	L8	3465	191	1080	1020	1080	0	0	191	119	119	0		0	0	0				837.43 kg	0.837
182	18	DH20_G (S) A	HCH	3482	198	1080	1020	1080	0	0	198	0	0	140		0	0	0				154.57 kg	0.155
183	1	DH20_G (S) A	L1	2831	191	1020	278	1020	278	0	191	0		119		0	0	0				6.98 kg	0.007
184	1	DH20_G (S) A	L1	2829	191	1020	277	1020	277	0	191	0		119		0	0	0				6.98 kg	0.007
185	1	DH20_G (S) A	L1	2839	191	1020	281	1020	281	0	191	0		119		0	0	0				7.00 kg	0.007
186	1	DH20_G (S) A	L1	3005	191	1020	364	1020	364	0	191	0		119		0	0	0				7.41 kg	0.007
187	1	DH20_G (S) A	L1	2827	191	1020	275	1020	275	0	191	0		119		0	0	0				6.97 kg	0.007
188	1	DH20_G (S) A	L1	2824	191	1020	274	1020	274	0	191	0		119		0	0	0				6.96 kg	0.007
189	1	DH20_G (S) A	L1	2832	191	1020	278	1020	278	0	191	0		119		0	0	0				6.98 kg	0.007
190	1	DH20_G (S) A	L1	2840	191	1020	282	1020	282	0	191	0		119		0	0	0				7.00 kg	0.007
191	1	DH20_G (S) A	L1	2844	191	1020	284	1020	284	0	191	0		119		0	0	0				7.01 kg	0.007
192	1	DH20_G (S) A	L1	2849	191	1020	287	1020	287	0	191	0		119		0	0	0				7.03 kg	0.007
193	1	DH20_G (S) A	L1	2858	191	1020	291	1020	291	0	191	0		119		0	0	0				7.05 kg	0.007
194	1	DH20_G (S) A	L1	3012	191	1020	368	1020	368	0	191	0		119		0	0	0				7.43 kg	0.007
195	1	DH20_G (S) A	L1	2999	191	1020	361	1020	361	0	191	0		119		0	0	0				7.40 kg	0.007
196	1	DH20_G (S) A	L1	3000	191	1020	362	1020	362	0	191	0		119		0	0	0				7.40 kg	0.007
197	1	DH20_G (S) A	L1	3022	191	1020	373	1020	373	0	191	0		119		0	0	0				7.45 kg	0.007
198	1	DH20_G (S) A	L1	2892	191	1020	308	1020	308	0	191	0		119		0	0	0				7.13 kg	0.007
199	1	DH20_G (S) A	L1	2824	191	1020	274	1020	274	0	191	0		119		0	0	0				6.96 kg	0.007
200	1	DH20_G (S) A	L1	2826	191	1020	275	1020	275	0	191	0		119		0	0	0				6.97 kg	0.007
201	1	DH20_G (S) A	L1	2828	191	1020	276	1020	276	0	191	0		119		0	0	0				6.97 kg	0.007
202	1	DH20_G (S) A	L1	2930	191	1020	327	1020	327	0	191	0		119		0	0	0				7.23 kg	0.007
203	1	DH20_G (S) A	L1	3042	191	1020	383	1020	383	0	191	0		119		0	0	0				7.50 kg	0.008
204	1	DH20_G (S) A	L1	2999	191	1020	362	1020	362	0	191	0		119		0	0	0				7.40 kg	0.007
205	1	DH20_G (S) A	L1	2991	191	1020	358	1020	358	0	191	0		119		0	0	0				7.38 kg	0.007
206	1	DH20_G (S) A	L1	3022	191	1020	373	1020	373	0	191	0		119		0	0	0				7.45 kg	0.007
207	1	DH20_G (S) A	L1	2860	191	1020	292	1020	292	0	191	0		119		0	0	0				7.05 kg	0.007
208	1	DH20_G (S) A	L1	2846	191	1020	285	1020	285	0	191	0		119		0	0	0				7.02 kg	0.007
209	1	DH20_G (S) A	L1	2838	191	1020	281	1020	281	0	191	0		119		0	0	0				7.00 kg	0.007
210	1	DH20_G (S) A	L1	2844	191	1020	284	1020	284	0	191	0		119		0	0	0				7.01 kg	0.007
211	1	DH20_G (S) A	L1	2829	191	1020	276	1020	276	0	191	0		119		0	0	0				6.98 kg	0.007
212	1	DH20_G (S) A	L1	2819	191	1020	272	1020	272	0	191	0		119		0	0	0				6.95 kg	0.007
213	1	DH20_G (S) A	L1	3250	191	1020	487	1020	487	0	191	0		119		0	0	0				8.01 kg	0.008
214	1	DH20_G (S) A	L1	2856	191	1020	290	1020	290	0	191	0		119		0	0	0				7.04 kg	0.007
215	1	DH20_G (S) A	L1	2838	191	1020	281	1020	281	0	191	0		119		0	0	0				7.00 kg	0.007
216	1	DH20_G (S) A	L1	2826	191	1020	275	1020	275	0	191	0		119		0	0	0				6.97 kg	0.007
217	1	DH20_G (S) A	L1	2884	191	1020	304	1020	304	0	191	0		119		0	0	0				7.11 kg	0.007
218	116	DH20_R (S) A	HCH	2084	198	745	292	745	0	0	198	0	0	140		0	0	0				596.18 kg	0.596
219	1	DH20_R (S) A	L1	1684	191	292	432	292	432	0	191	0		119		0	0	0				4.15 kg	0.004
220	1	DH20_R (S) A	L1	1377	191	292	279	292	279	0	191	0		119		0	0	0				3.40 kg	0.003
221	1	DH20_R (S) A	L1	1383	191	292	282	292	282	0	191	0		119		0	0	0				3.41 kg	0.003
222	1	DH20_R (S) A	L1	1645	191	292	413	292	413	0	191	0		119		0	0	0				4.06 kg	0.004
TOTAL WEIGHT																						1868.69 kg	1.869

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-40 REV 1			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
1	HD	30.11.2023	REVISED AS PER COMMENTS																
0	HD	11.11.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		11.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
223	1	DH20_R (S) A	L1	1372	191	292	276	292	276	0	191	0		119		0	0	0				3.38 kg	0.003
224	1	DH20_R (S) A	L1	1377	191	292	279	292	279	0	191	0		119		0	0	0				3.40 kg	0.003
225	1	DH20_R (S) A	L1	1385	191	292	283	292	283	0	191	0		119		0	0	0				3.42 kg	0.003
226	1	DH20_R (S) A	L1	1389	191	292	285	292	285	0	191	0		119		0	0	0				3.43 kg	0.003
227	1	DH20_R (S) A	L1	1394	191	292	287	292	287	0	191	0		119		0	0	0				3.44 kg	0.003
228	1	DH20_R (S) A	L1	1403	191	292	292	292	292	0	191	0		119		0	0	0				3.46 kg	0.003
229	1	DH20_R (S) A	L1	1549	191	292	365	292	365	0	191	0		119		0	0	0				3.82 kg	0.004
230	1	DH20_R (S) A	L1	1552	191	292	366	292	366	0	191	0		119		0	0	0				3.83 kg	0.004
231	1	DH20_R (S) A	L1	1738	191	292	459	292	459	0	191	0		119		0	0	0				4.29 kg	0.004
232	1	DH20_R (S) A	L1	1439	191	292	310	292	310	0	191	0		119		0	0	0				3.55 kg	0.004
233	1	DH20_R (S) A	L1	1368	191	292	274	292	274	0	191	0		119		0	0	0				3.37 kg	0.003
234	1	DH20_R (S) A	L1	1381	191	292	281	292	281	0	191	0		119		0	0	0				3.41 kg	0.003
235	1	DH20_R (S) A	L1	1541	191	292	361	292	361	0	191	0		119		0	0	0				3.80 kg	0.004
236	1	DH20_R (S) A	L1	1568	191	292	374	292	374	0	191	0		119		0	0	0				3.87 kg	0.004
237	1	DH20_R (S) A	L1	1543	191	292	361	292	361	0	191	0		119		0	0	0				3.81 kg	0.004
238	1	DH20_R (S) A	L1	1722	191	292	451	292	451	0	191	0		119		0	0	0				4.25 kg	0.004
239	1	DH20_R (S) A	L1	1409	191	292	295	292	295	0	191	0		119		0	0	0				3.47 kg	0.003
240	1	DH20_R (S) A	L1	1398	191	292	289	292	289	0	191	0		119		0	0	0				3.45 kg	0.003
241	1	DH20_R (S) A	L1	1390	191	292	285	292	285	0	191	0		119		0	0	0				3.43 kg	0.003
242	1	DH20_R (S) A	L1	1380	191	292	280	292	280	0	191	0		119		0	0	0				3.40 kg	0.003
243	1	DH20_R (S) A	L1	1371	191	292	276	292	276	0	191	0		119		0	0	0				3.38 kg	0.003
244	1	DH20_R (S) A	L1	1710	191	292	445	292	445	0	191	0		119		0	0	0				4.22 kg	0.004
245	1	DH20_R (S) A	L1	1389	191	292	285	292	285	0	191	0		119		0	0	0				3.43 kg	0.003
246	1	DH20_R (S) A	L1	1378	191	292	279	292	279	0	191	0		119		0	0	0				3.40 kg	0.003
247	1	DH20_R (S) A	L1	1548	191	292	364	292	364	0	191	0		119		0	0	0				3.82 kg	0.004
248	2	DH20_PI	99d	6112	296	4570	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	30.15 kg	0.030
249	2	DH20_PI	99f	12000	6000	6000	0	0	0	0	0	360		5990		0	0	0	3.44°			59.19 kg	0.059
250	2	DH20_PI	99e	6112	313	4554	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	30.15 kg	0.030
251	6	DH32	99f	5958	650	5388	0	0	0	0	0	650		19		0	0	0	88.28°			225.69 kg	0.226
252	1	DH32	99f	4805	512	4374	0	0	0	0	0	512		15		0	0	0	88.28°			30.34 kg	0.030
253	1	DH32 - ALT.	99f	6265	512	5833	0	0	0	0	0	512		15		0	0	0	88.28°			39.55 kg	0.040
254	6	DH32 - ALT.	99f	7659	650	7089	0	0	0	0	0	650		19		0	0	0	88.28°			290.12 kg	0.290
255	8	DH32	HJ2	6000	1702	438	1730	438	1702	0	0	74	74	432	432	0	0	0	5.01°	5.01°		303.04 kg	0.303
256	8	DH32 - ALT.	HJ2	6000	1702	438	1730	438	1702	0	0	74	74	432	432	0	0	0	5.01°	5.01°		303.04 kg	0.303
257	4	DH32	99f	8000	4000	4000	0	0	0	0	0	240		3993		0	0	0	3.44°			202.03 kg	0.202
258	4	DH32 - ALT.	99f	4598	2300	2300	0	0	0	0	0	138		2296		0	0	0	3.44°			116.12 kg	0.116
259	1	DH32	99f	4564	512	4133	0	0	0	0	0	512		15		0	0	0	88.28°			28.81 kg	0.029
260	1	DH32 - ALT.	99f	6506	512	6075	0	0	0	0	0	512		15		0	0	0	88.28°			41.07 kg	0.041
TOTAL WEIGHT																						1789.79 kg	1.790

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET: (C) DRG No: ST-E-B-41 REV: 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HD	11.11.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:			PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																	Revision:-			00	
MATERIAL FOR:			PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																	Date:-			11.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons	
261a	1	DH32	99f	4595	512	4163	0	0	0	0	0	512		15		0	0	0	88.28°			29.01 kg	0.029	
261b	1	DH32	99f	4662	512	4230	0	0	0	0	0	512		15		0	0	0	88.28°			29.43 kg	0.029	
261c	1	DH32	99f	4749	512	4317	0	0	0	0	0	512		15		0	0	0	88.28°			29.98 kg	0.030	
262a	1	DH32 - ALT.	99f	6321	512	5890	0	0	0	0	0	512		15		0	0	0	88.28°			39.91 kg	0.040	
262b	1	DH32 - ALT.	99f	6408	512	5977	0	0	0	0	0	512		15		0	0	0	88.28°			40.46 kg	0.040	
262c	1	DH32 - ALT.	99f	6475	512	6044	0	0	0	0	0	512		15		0	0	0	88.28°			40.88 kg	0.041	
263	6	DH32	HJ2	6000	1702	438	1730	438	1702	0	0	74	74	432	432	0	0	0	5.01°	5.01°		227.28 kg	0.227	
264	6	DH32 - ALT.	HJ2	6000	1702	438	1730	438	1702	0	0	74	74	432	432	0	0	0	5.01°	5.01°		227.28 kg	0.227	
265	3	DH32	99f	8000	4000	4000	0	0	0	0	0	240		3993		0	0	0	3.44°			151.52 kg	0.152	
266	3	DH32 - ALT.	99f	4598	2300	2300	0	0	0	0	0	138		2296		0	0	0	3.44°			87.09 kg	0.087	
267a	1	DH32	99f	4775	512	4343	0	0	0	0	0	512		15		0	0	0	88.28°			30.15 kg	0.030	
267b	1	DH32	99f	4707	512	4276	0	0	0	0	0	512		15		0	0	0	88.28°			29.72 kg	0.030	
267c	1	DH32	99f	4621	512	4189	0	0	0	0	0	512		15		0	0	0	88.28°			29.17 kg	0.029	
268a	1	DH32 - ALT.	99f	6450	512	6018	0	0	0	0	0	512		15		0	0	0	88.28°			40.72 kg	0.041	
268b	1	DH32 - ALT.	99f	6363	512	5931	0	0	0	0	0	512		15		0	0	0	88.28°			40.17 kg	0.040	
268c	1	DH32 - ALT.	99f	6296	512	5864	0	0	0	0	0	512		15		0	0	0	88.28°			39.75 kg	0.040	
269a	1	DH20_PI	HJ	6681	0	1001	280	5403	0	0	0	48		276		0	0	0	5.16°	5.16°		16.48 kg	0.016	
269b	1	DH20_PI	99d	5837	120	4470	280	1001	0	0	0	48	116	276	31	0	0	0	75.00°	5.16°	5.16°	14.39 kg	0.014	
269c	1	DH20_PI	99e	7022	250	5527	280	1001	0	0	0	48	263	276	48	0	0	0	105.00°	5.16°	5.16°	17.32 kg	0.017	
269d	1	DH20_PI	HJ	5922	0	1001	280	4644	0	0	0	48		276		0	0	0	5.16°	5.16°		14.60 kg	0.015	
270	2	DH20_PI	99f	9999	5000	5000	0	0	0	0	0	300		4991		0	0	0	3.44°			49.32 kg	0.049	
271	2	DH20_PI	99f	12000	6000	6000	0	0	0	0	0	360		5990		0	0	0	3.44°			59.19 kg	0.059	
272a	1	DH20_PI	HJ	6922	0	1001	280	5644	0	0	0	48		276		0	0	0	5.16°	5.16°		17.07 kg	0.017	
272b	1	DH20_PI	99e	6022	250	4527	280	1001	0	0	0	48	263	276	48	0	0	0	105.00°	5.16°	5.16°	14.85 kg	0.015	
272c	1	DH20_PI	99d	6837	120	5471	280	1001	0	0	0	48	116	276	31	0	0	0	75.00°	5.16°	5.16°	16.86 kg	0.017	
272d	1	DH20_PI	HJ	5681	0	1001	280	4403	0	0	0	48		276		0	0	0	5.16°	5.16°		14.01 kg	0.014	
273	4	DH20_PI	HLV	438	173	140	189	0	0	0	0	188	183	28	49	0	0	0	105.00°	75.00°		4.32 kg	0.004	
274	16	DH20_PI	HLV	1240	173	943	189	0	0	0	0	188	183	28	49	0	0	0	105.00°	75.00°		48.93 kg	0.049	
275	2	DH20_PI	HLV	1236	173	939	189	0	0	0	0	188	183	28	49	0	0	0	105.00°	75.00°		6.10 kg	0.006	
276	1	DH20	HJ	10481	0	1001	280	9203	0	0	0	48		276		0	0	0	5.16°	5.16°		25.85 kg	0.026	
277	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010	
278	1	DH20	HJ	9238	0	1001	280	7960	0	0	0	48		276		0	0	0	5.16°	5.16°		22.78 kg	0.023	
279	1	DH20 - ALT.	99f	3935	296	3671	0	0	0	0	0	286		77		0	0	0	75.00°			9.70 kg	0.010	
280	1	DH20 - ALT.	HLV	910	313	366	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.24 kg	0.002	
281	1	DH20 - ALT.	HLV	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004	
282	1	DH20 - ALT.	HLV	985	313	440	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.43 kg	0.002	
283	1	DH20 - ALT.	HLV	1924	313	1379	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.74 kg	0.005	
284	1	DH20 - ALT.	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003	
285	1	DH20 - ALT.	99f	3755	2305	1451	0	0	0	0	0	138		2301		0	0	0	3.44°			9.26 kg	0.009	
286	1	DH20 - ALT.	99d	3733	296	2191	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	9.21 kg	0.009	
287	1	DH20 - ALT.	HLV	977	313	433	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.41 kg	0.002	
288	1	DH20 - ALT.	HLV	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004	
289	1	DH20 - ALT.	HLV	906	313	362	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.23 kg	0.002	
290	1	DH20 - ALT.	99g	3931	313	3651	0	0	0	0	0	324		65		0	0	0	105.00°			9.69 kg	0.010	
TOTAL WEIGHT																						1527.98 kg	1.528	

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)			
0 HD 11.11.2023 ISSUED FOR APPROVAL												SERVICE PROVIDER				DRAWN			
REV. BY DATE DESCRIPTION APPD.																DESIGNED			
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																DRG CHECK			
																DESIGN CHECK			
																APPROVED			
																STATUS: ISSUED FOR APPROVAL SHEET (C)			
																DRG No ST-E-B-42 REV 0			

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		00	
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		11.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
291	1	DH20	99f	3876	296	3612	0	0	0	0	0	286		77		0	0	0	75.00°			9.56 kg	0.010
292	1	DH20	HLY	808	313	264	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		1.99 kg	0.002
293	1	DH20	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004
294	1	DH20	HLY	916	313	372	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.26 kg	0.002
295	1	DH20	HLY	1801	313	1257	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.44 kg	0.004
296	1	DH20	99e	2068	313	510	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	5.10 kg	0.005
297	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010
298	1	DH20	99d	2660	296	1118	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	6.56 kg	0.007
299	1	DH20	HLY	915	313	371	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.26 kg	0.002
300	1	DH20	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004
301	1	DH20	HLY	808	313	264	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		1.99 kg	0.002
302	1	DH20	99g	3874	313	3594	0	0	0	0	0	324		65		0	0	0	105.00°			9.55 kg	0.010
303	1	DH20 - ALT.	HLY	6407	313	5863	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		15.80 kg	0.016
304	1	DH20 - ALT.	HLY	1050	313	505	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.59 kg	0.003
305	1	DH20 - ALT.	HLY	1965	313	1421	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	74.99°		4.85 kg	0.005
306	1	DH20 - ALT.	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
307	1	DH20 - ALT.	99f	3750	2300	1451	0	0	0	0	0	138		2296		0	0	0	3.44°			9.25 kg	0.009
308	1	DH20 - ALT.	99d	3770	296	2227	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	9.30 kg	0.009
309	1	DH20 - ALT.	HLY	1034	313	490	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.55 kg	0.003
310	1	DH20 - ALT.	HLY	6407	313	5863	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		15.80 kg	0.016
311	1	DH20	99e	10781	313	9223	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	26.59 kg	0.027
312	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010
313	1	DH20	99d	9541	296	7999	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	23.53 kg	0.024
314	1	DH20 - ALT.	99e	9780	313	8223	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	24.12 kg	0.024
315	1	DH20 - ALT.	99f	3902	2451	1451	0	0	0	0	0	147		2447		0	0	0	3.44°			9.62 kg	0.010
316	1	DH20 - ALT.	99d	10542	296	8999	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	26.00 kg	0.026
317	1	DH20	HJ	10239	0	1001	280	8961	0	0	0	48		276		0	0	0	5.16°	5.16°		25.25 kg	0.025
318	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010
319	1	DH20	HJ	9481	0	1001	280	8203	0	0	0	48		276		0	0	0	5.16°	5.16°		23.38 kg	0.023
320	1	DH20 - ALT.	99g	3935	313	3655	0	0	0	0	0	324		65		0	0	0	105.00°			9.70 kg	0.010
321	1	DH20 - ALT.	HLY	910	313	366	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.24 kg	0.002
322	1	DH20 - ALT.	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004
323	1	DH20 - ALT.	HLY	985	313	440	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.43 kg	0.002
324	1	DH20 - ALT.	HLY	1924	313	1379	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.74 kg	0.005
325	1	DH20 - ALT.	99f	1264	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003
326	1	DH20 - ALT.	99f	3514	2063	1451	0	0	0	0	0	124		2060		0	0	0	3.44°			8.67 kg	0.009
327	1	DH20 - ALT.	99e	3975	313	2417	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	9.80 kg	0.010
328	1	DH20 - ALT.	HLY	977	313	433	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.41 kg	0.002
329	1	DH20 - ALT.	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004
330	1	DH20 - ALT.	HLY	906	313	362	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.23 kg	0.002
331	1	DH20 - ALT.	99f	3932	296	3667	0	0	0	0	0	286		77		0	0	0	75.00°			9.70 kg	0.010
TOTAL WEIGHT																						366.80 kg	0.367

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-E-B-43 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HD	11.11.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																	Revision:-		01				
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																	Date:-		30.11.2023				
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons		
332	1	DH20	99g	3874	313	3594	0	0	0	0	0	324		65		0	0	0	105.00°			9.55 kg	0.010		
333	1	DH20	HLY	808	313	264	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		1.99 kg	0.002		
334	1	DH20	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004		
335	1	DH20	HLY	916	313	372	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.26 kg	0.002		
336	1	DH20	HLY	1801	313	1257	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.44 kg	0.004		
337	1	DH20	99d	1826	296	283	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	4.50 kg	0.005		
338	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010		
339	1	DH20	99e	2902	313	1344	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	7.16 kg	0.007		
340	1	DH20	HLY	915	313	371	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.26 kg	0.002		
341	1	DH20	HLY	1763	313	1219	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.35 kg	0.004		
342	1	DH20	HLY	808	313	264	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		1.99 kg	0.002		
343	1	DH20	99f	3875	296	3610	0	0	0	0	0	286		77		0	0	0	75.00°			9.56 kg	0.010		
344	1	DH20 - ALT.	HLY	6407	313	5863	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		15.80 kg	0.016		
345	1	DH20 - ALT.	HLY	1050	313	505	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.59 kg	0.003		
346	1	DH20 - ALT.	HLY	1982	313	1438	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		4.89 kg	0.005		
347	1	DH20 - ALT.	99f	1265	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003		
348	1	DH20 - ALT.	99f	3506	2056	1451	0	0	0	0	0	123		2052		0	0	0	3.44°			8.65 kg	0.009		
349	1	DH20 - ALT.	99e	4012	313	2454	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	9.89 kg	0.010		
350	1	DH20 - ALT.	HLY	1034	313	490	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		2.55 kg	0.003		
351	1	DH20 - ALT.	HLY	6407	313	5863	296	0	0	0	0	324	286	65	77	0	0	0	105.00°	75.00°		15.80 kg	0.016		
352	1	DH20	99d	10542	296	8999	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	26.00 kg	0.026		
353	1	DH20	99f	3902	1451	2451	0	0	0	0	0	87		1448		0	0	0	3.44°			9.62 kg	0.010		
354	1	DH20	99e	9784	313	8227	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	24.13 kg	0.024		
355	1	DH20 - ALT.	99d	9541	296	7999	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	23.53 kg	0.024		
356	1	DH20 - ALT.	99f	3902	2451	1451	0	0	0	0	0	147		2447		0	0	0	3.44°			9.62 kg	0.010		
357	1	DH20 - ALT.	99e	10781	313	9223	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	26.59 kg	0.027		
358	1	DH20_PI	HL	4706	240	4325	0	0	0	0	240	0		0		0	0	0				11.61 kg	0.012		
359	1	DH20_PI	HL	4424	125	4273	0	0	0	0	125	0		0		0	0	0				10.91 kg	0.011		
360	1	DH20_PI	HL	1462	240	1080	0	0	0	0	240	0		0		0	0	0				3.61 kg	0.004		
361	1	DH20_PI	HL	1180	125	1028	0	0	0	0	125	0		0		0	0	0				2.91 kg	0.003		
362	1	DH20_PI	HLY	1816	240	1401	240	0	0	0	0	253	232	46	62	0	0	0	105.01°	75.02°		4.48 kg	0.004		
363	1	DH20_PI	HLY	1532	125	1347	125	0	0	0	0	142	121	16	32	0	0	0	105.00°	75.00°		3.78 kg	0.004		
364	1	DH20_PI	99d	1865	240	379	280	1001	0	0	0	48	232	276	62	0	0	0	75.00°	5.16°	5.16°	4.60 kg	0.005		
365	1	DH20_PI	99e	1752	125	382	280	1001	0	0	0	48	142	276	16	0	0	0	105.00°	5.16°	5.16°	4.32 kg	0.004		
366	2	DH20_PI	99f	3000	1500	1500	0	0	0	0	0	90		1498		0	0	0	3.44°			14.80 kg	0.015		
367	1	DH20_PI	99c	3544	240	2075	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.74 kg	0.009		
368	1	DH20_PI	99c	3403	125	2049	280	1001	0	0	0	48		276		0	0	0	5.16°	5.16°		8.39 kg	0.008		
369	1	DH20_PI	HL	1459	240	1077	0	0	0	0	240	0		0		0	0	0				3.60 kg	0.004		
370	1	DH20_PI	HL	1177	125	1025	0	0	0	0	125	0		0		0	0	0				2.90 kg	0.003		
371	1	DH20_PI	HL	4659	240	4277	0	0	0	0	240	0		0		0	0	0				11.49 kg	0.011		
372	1	DH20_PI	HL	4377	125	4225	0	0	0	0	125	0		0		0	0	0				10.79 kg	0.011		
374	320	DH16 (S)	HH	1260	142	974	0	0	0	0	142	0		96		0	0	0				636.39 kg	0.636		
375	80	DH20_(S) Skew	HL	2020	930	250	0	0	0	0	930	0		0		0	0	0				398.53 kg	0.399		
376	80	DH20_(S) Skew	HL	2070	930	300	0	0	0	0	930	0		0		0	0	0				408.39 kg	0.408		
TOTAL WEIGHT																						1795.04 kg		1.795	

BAR MARK 373 IS OMITTED

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE					
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK									
				DESIGN CHECK				APPROVED				STATUS: ISSUED FOR APPROVAL				SHEET		(C)			
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied				DRG No ST-E-B-44				REV 1	

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																		Revision:-		01	
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																		Date:-		30.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
377	4	DH16	99k	2414	153	1100	1200	0	0	0	0	141	0	0	0	0	0	0				15.24 kg	0.015
378	66	DH16	99k	2344	153	1080	1150	0	0	0	0	141	0	0	0	0	0	0				244.17 kg	0.244
1 379	1	DH16	HL	2499	1150	277	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
380	1	DH16	HL	2497	1150	275	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
381	1	DH16	HL	2501	1150	279	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
382	1	DH16	HL	2494	1150	272	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
383	1	DH16	HL	2502	1150	281	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
384	1	DH16	HL	2593	1150	371	0	0	0	0	1150	0	0	0	0	0	0	0				4.09 kg	0.004
385	1	DH16	HL	2584	1150	362	0	0	0	0	1150	0	0	0	0	0	0	0				4.08 kg	0.004
386	1	DH16	HL	2593	1150	371	0	0	0	0	1150	0	0	0	0	0	0	0				4.09 kg	0.004
387	3	DH16	HL	2497	1150	275	0	0	0	0	1150	0	0	0	0	0	0	0				11.82 kg	0.012
388	2	DH16	HL	2592	1150	370	0	0	0	0	1150	0	0	0	0	0	0	0				8.18 kg	0.008
389	1	DH16	HL	2514	1150	292	0	0	0	0	1150	0	0	0	0	0	0	0				3.97 kg	0.004
390	1	DH16	HL	2506	1150	284	0	0	0	0	1150	0	0	0	0	0	0	0				3.96 kg	0.004
391	1	DH16	HL	2502	1150	280	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
392	1	DH16	HL	2753	1150	531	0	0	0	0	1150	0	0	0	0	0	0	0				4.35 kg	0.004
393	1	DH16	HL	2534	1150	312	0	0	0	0	1150	0	0	0	0	0	0	0				4.00 kg	0.004
394	1	DH16	HL	2507	1150	285	0	0	0	0	1150	0	0	0	0	0	0	0				3.96 kg	0.004
395	3	DH16	99k	1794	153	1080	600	0	0	0	0	141	0	0	0	0	0	0				8.49 kg	0.008
1 396	1	DH16	HL	2499	1150	277	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
397	1	DH16	HL	2503	1150	282	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
398	1	DH16	HL	2593	1150	371	0	0	0	0	1150	0	0	0	0	0	0	0				4.09 kg	0.004
399	1	DH16	HL	2500	1150	278	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
400	1	DH16	HL	2509	1150	287	0	0	0	0	1150	0	0	0	0	0	0	0				3.96 kg	0.004
401	1	DH16	HL	2513	1150	291	0	0	0	0	1150	0	0	0	0	0	0	0				3.97 kg	0.004
402	2	DH16	HL	2585	1150	363	0	0	0	0	1150	0	0	0	0	0	0	0				8.16 kg	0.008
403	2	DH16	HL	2499	1150	277	0	0	0	0	1150	0	0	0	0	0	0	0				7.89 kg	0.008
404	1	DH16	HL	2547	1150	325	0	0	0	0	1150	0	0	0	0	0	0	0				4.02 kg	0.004
405	1	DH16	HL	2584	1150	362	0	0	0	0	1150	0	0	0	0	0	0	0				4.08 kg	0.004
406	1	DH16	HL	2575	1150	353	0	0	0	0	1150	0	0	0	0	0	0	0				4.06 kg	0.004
407	1	DH16	HL	2590	1150	368	0	0	0	0	1150	0	0	0	0	0	0	0				4.09 kg	0.004
408	1	DH16	HL	2504	1150	282	0	0	0	0	1150	0	0	0	0	0	0	0				3.95 kg	0.004
409	1	DH16	HL	2495	1150	273	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
410	1	DH16	HL	2490	1150	268	0	0	0	0	1150	0	0	0	0	0	0	0				3.93 kg	0.004
411	1	DH16	HL	2498	1150	276	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
412	1	DH16	HL	2494	1150	272	0	0	0	0	1150	0	0	0	0	0	0	0				3.94 kg	0.004
413	1	DH16	99k	1539	153	1080	345	0	0	0	0	141	0	0	0	0	0	0				2.43 kg	0.002
1 TOTAL WEIGHT																						422.36 kg	0.422

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
0 HD 11.11.2023 ISSUED FOR APPROVAL												DESIGN CHECK				STATUS: ISSUED FOR APPROVAL SHEET (C)			
REV. BY DATE DESCRIPTION APPD.												APPROVED				DRG No ST-E-B-45 REV 1			
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																			



PROJECT:		PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																	Revision:-		01																				
MATERIAL FOR:		PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																	Date:-		30.11.2023																				
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons																		
414	24	DH16 (S)	HLY	2062	1000	110	1000	0	0	0	0	981	966	248	259	0	0	0	105.00°	75.00°		78.11 kg	0.078																		
415	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
416	6	DH20 (U-BAR)	99n	1883	552	463	900	0	0	0	0	120		448		0	0	0	75.00°			27.86 kg	0.028																		
417	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
418	6	DH20 (U-BAR)	99n	1883	555	461	900	0	0	0	0	119		445		0	0	0	75.00°			27.86 kg	0.028																		
419	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
420	6	DH20 (U-BAR)	99n	1885	494	524	900	0	0	0	0	136		506		0	0	0	75.00°			27.89 kg	0.028																		
421	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
422	6	DH20 (U-BAR)	99n	1872	867	138	900	0	0	0	0	36		133		0	0	0	75.00°			27.70 kg	0.028																		
423	6	DH20 (U-BAR)	99m	1811	751	245	850	0	0	0	0	249	1000	72		0	0	0	105.00°			26.80 kg	0.027																		
424	6	DH20 (U-BAR)	99n	1833	571	444	850	0	0	0	0	115		429		0	0	0	75.00°			27.12 kg	0.027																		
425	6	DH20 (U-BAR)	99m	1859	823	170	900	0	0	0	0	177	1000	52		0	0	0	105.00°			27.51 kg	0.028																		
426	6	DH20 (U-BAR)	99n	1873	839	166	900	0	0	0	0	43		161		0	0	0	75.00°			27.71 kg	0.028																		
427	6	DH20 (U-BAR)	99m	1860	782	212	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
428	6	DH20 (U-BAR)	99n	1874	824	182	900	0	0	0	0	47		176		0	0	0	75.00°			27.73 kg	0.028																		
429	6	DH20 (U-BAR)	99m	1858	840	153	900	0	0	0	0	160	1000	48		0	0	0	105.00°			27.49 kg	0.027																		
430	6	DH20 (U-BAR)	99n	1874	817	190	900	0	0	0	0	49		183		0	0	0	75.00°			27.73 kg	0.028																		
431	6	DH20 (U-BAR)	99m	1859	823	170	900	0	0	0	0	177	1000	52		0	0	0	105.00°			27.51 kg	0.028																		
432	6	DH20 (U-BAR)	99n	1879	690	321	900	0	0	0	0	83		310		0	0	0	75.00°			27.80 kg	0.028																		
433	6	DH20 (U-BAR)	99n	1879	689	322	900	0	0	0	0	83		311		0	0	0	75.00°			27.80 kg	0.028																		
434	6	DH20 (U-BAR)	99m	1859	822	171	900	0	0	0	0	178	1000	52		0	0	0	105.00°			27.51 kg	0.028																		
435	6	DH20 (U-BAR)	99n	1876	774	234	900	0	0	0	0	61		226		0	0	0	75.00°			27.76 kg	0.028																		
436	6	DH20 (U-BAR)	99m	1860	778	217	900	0	0	0	0	222	1000	64		0	0	0	105.00°			27.52 kg	0.028																		
437	6	DH20 (U-BAR)	99n	1876	764	244	900	0	0	0	0	63		236		0	0	0	75.00°			27.76 kg	0.028																		
438	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
439	6	DH20 (U-BAR)	99n	1876	774	234	900	0	0	0	0	61		226		0	0	0	75.00°			27.76 kg	0.028																		
440	6	DH20 (U-BAR)	99m	1860	782	213	900	0	0	0	0	218	1000	63		0	0	0	105.00°			27.52 kg	0.028																		
441	6	DH20 (U-BAR)	99n	1833	570	446	850	0	0	0	0	115		430		0	0	0	75.00°			27.12 kg	0.027																		
442	6	DH20 (U-BAR)	99m	1810	782	213	850	0	0	0	0	218	1000	63		0	0	0	105.00°			26.78 kg	0.027																		
443	6	DH20 (U-BAR)	99n	1875	779	229	900	0	0	0	0	59		221		0	0	0	75.00°			27.74 kg	0.028																		
444	6	DH20 (U-BAR)	99m	1859	797	197	900	0	0	0	0	203	1000	59		0	0	0	105.00°			27.51 kg	0.028																		
445	6	DH20 (U-BAR)	99n	1875	789	219	900	0	0	0	0	57		211		0	0	0	75.00°			27.74 kg	0.028																		
446	6	DH20 (U-BAR)	99m	1859	797	197	900	0	0	0	0	203	1000	59		0	0	0	105.00°			27.51 kg	0.028																		
447	6	DH20 (U-BAR)	99n	1875	789	219	900	0	0	0	0	57		211		0	0	0	75.00°			27.74 kg	0.028																		
448	6	DH20 (U-BAR)	99m	1861	748	247	900	0	0	0	0	252	1000	72		0	0	0	105.00°			27.54 kg	0.028																		
449	6	DH20 (U-BAR)	99n	1883	553	462	900	0	0	0	0	120		447		0	0	0	75.00°			27.86 kg	0.028																		
450	6	DH20 (U-BAR)	99m	1859	797	197	900	0	0	0	0	203	1000	59		0	0	0	105.00°			27.51 kg	0.028																		
451	8	DH20 - ADDNL.	S	4152	4152	0	0	0	0	0	0	0		0		0	0	0				81.92 kg	0.082																		
452	12	DH20 - ADDNL.	S	2000	2000	0	0	0	0	0	0	0		0		0	0	0				59.19 kg	0.059																		
453	10	DH20 - ADDNL.	HH	1361	198	960	0	0	0	0	198	0		140		0	0	0				33.56 kg	0.034																		
453a	4	DH20 - ADDNL.	HH	845	198	445	0	0	0	0	198	0		140		0	0	0				8.34 kg	0.008																		
TOTAL WEIGHT																																								1253.66 kg	1.254

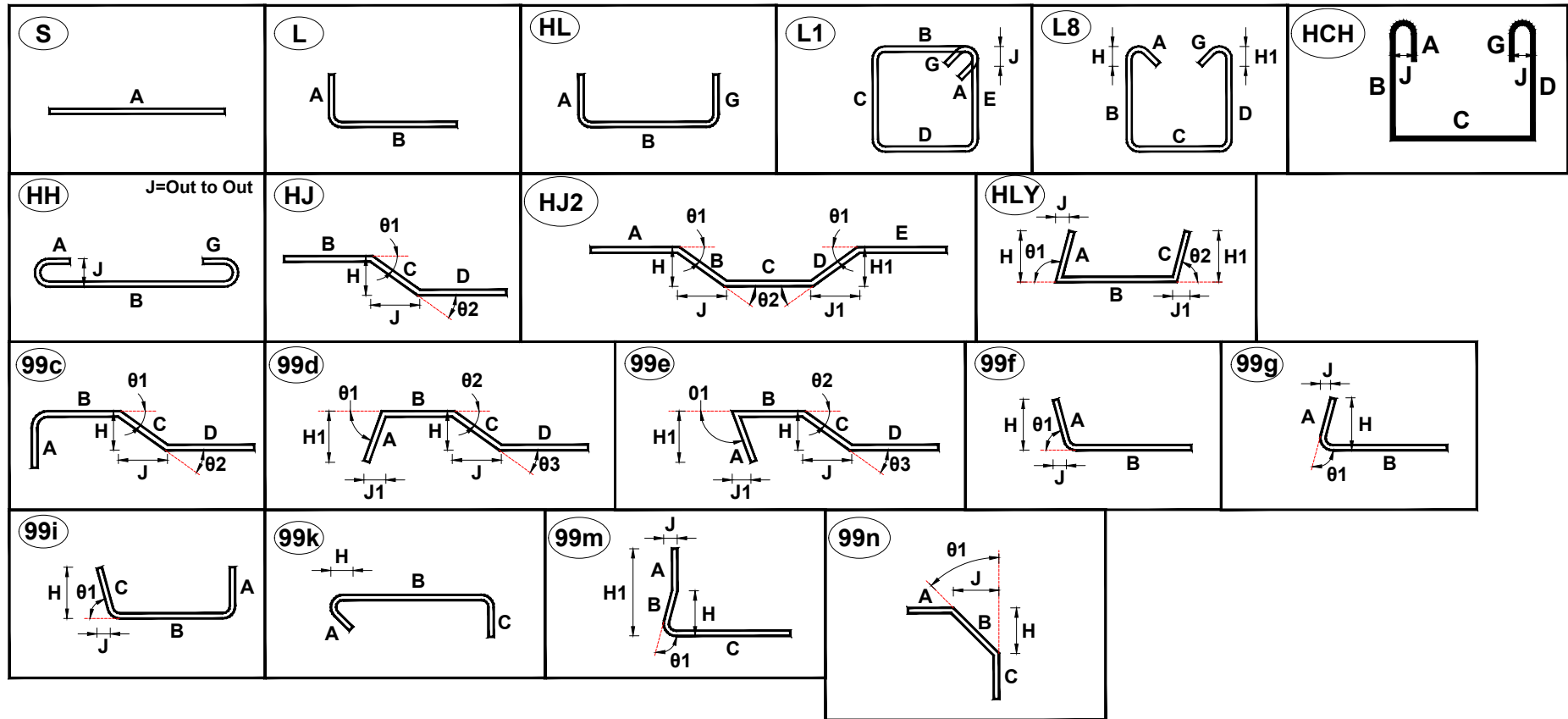
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)			
1 HD 30.11.2023 REVISED AS PER COMMENTS												SERVICE PROVIDER				DRAWN			
0 HD 11.11.2023 ISSUED FOR APPROVAL																DESIGNED			
REV. BY DATE DESCRIPTION APPD.																DRG CHECK			
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																DESIGN CHECK			
																APPROVED			
												STATUS: ISSUED FOR APPROVAL		SHEET		(C)			
												DRG No ST-E-B-46		REV		1			

PROJECT:			PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)																	Revision:-			00	
MATERIAL FOR:			PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE																	Date:-			11.11.2023	
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons	
454	8	DH20 - ADDNL.	S	2662	2662	0	0	0	0	0	0	0		0		0	0	0				52.52 kg	0.053	
455	8	DH20 - ADDNL.	S	2694	2694	0	0	0	0	0	0	0		0		0	0	0				53.15 kg	0.053	
456	4	DH20 - ADDNL.	S	2000	2000	0	0	0	0	0	0	0		0		0	0	0				19.73 kg	0.020	
457	10	DH20 - ADDNL.	HH	1365	198	965	0	0	0	0	198	0		140		0	0	0				33.66 kg	0.034	
458	72	DH16 - ADDNL.	S	1000	1000	0	0	0	0	0	0	0		0		0	0	0				113.64 kg	0.114	
459	16	DH16	HL	2482	1000	560	0	0	0	0	1000	0		0		0	0	0				62.68 kg	0.063	
460	8	DH16	HL	2547	1000	625	0	0	0	0	1000	0		0		0	0	0				32.16 kg	0.032	
461	8	DH16	HL	2457	1000	535	0	0	0	0	1000	0		0		0	0	0				31.02 kg	0.031	
462	4	DH16	HL	2632	1000	710	0	0	0	0	1000	0		0		0	0	0				16.62 kg	0.017	
463	10	DH16 (S)	L1	3378	142	800	800	800	800	0	142	0		93		0	0	0				53.32 kg	0.053	
464	2	DH16 (S)	L1	3385	142	803	800	803	800	0	142	0		93		0	0	0				10.69 kg	0.011	
465	2	DH16 (S)	L1	3403	142	812	800	812	800	0	142	0		93		0	0	0				10.74 kg	0.011	
466	2	DH16 (S)	L1	3434	142	828	800	828	800	0	142	0		93		0	0	0				10.84 kg	0.011	
467	10	DH16 (S)	L1	2362	142	292	800	292	800	0	142	0		93		0	0	0				37.28 kg	0.037	
468	2	DH16 (S)	L1	2365	142	293	800	293	800	0	142	0		93		0	0	0				7.47 kg	0.007	
469	2	DH16 (S)	L1	2371	142	296	800	296	800	0	142	0		93		0	0	0				7.48 kg	0.007	
470	2	DH16 (S)	L1	2382	142	302	800	302	800	0	142	0		93		0	0	0				7.52 kg	0.008	
471	8	DH20	L	2605	223	2432	0	0	0	0	0	0		0		0	0	0				51.39 kg	0.051	
472	8	DH20	L	2363	223	2189	0	0	0	0	0	0		0		0	0	0				46.62 kg	0.047	
473	2	DH20	99i	5552	600	948	4054	0	0	0	0	122		4052		0	0	0	1.72°			27.38 kg	0.027	
474	2	DH20	99i	5552	600	1019	3983	0	0	0	0	119		3981		0	0	0	1.72°			27.38 kg	0.027	
475	2	DH20	99i	5552	600	1068	3934	0	0	0	0	118		3932		0	0	0	1.72°			27.38 kg	0.027	
476	2	DH20	99i	5552	600	1139	3863	0	0	0	0	116		3861		0	0	0	1.72°			27.38 kg	0.027	
TOTAL WEIGHT																					768.07 kg	0.768		

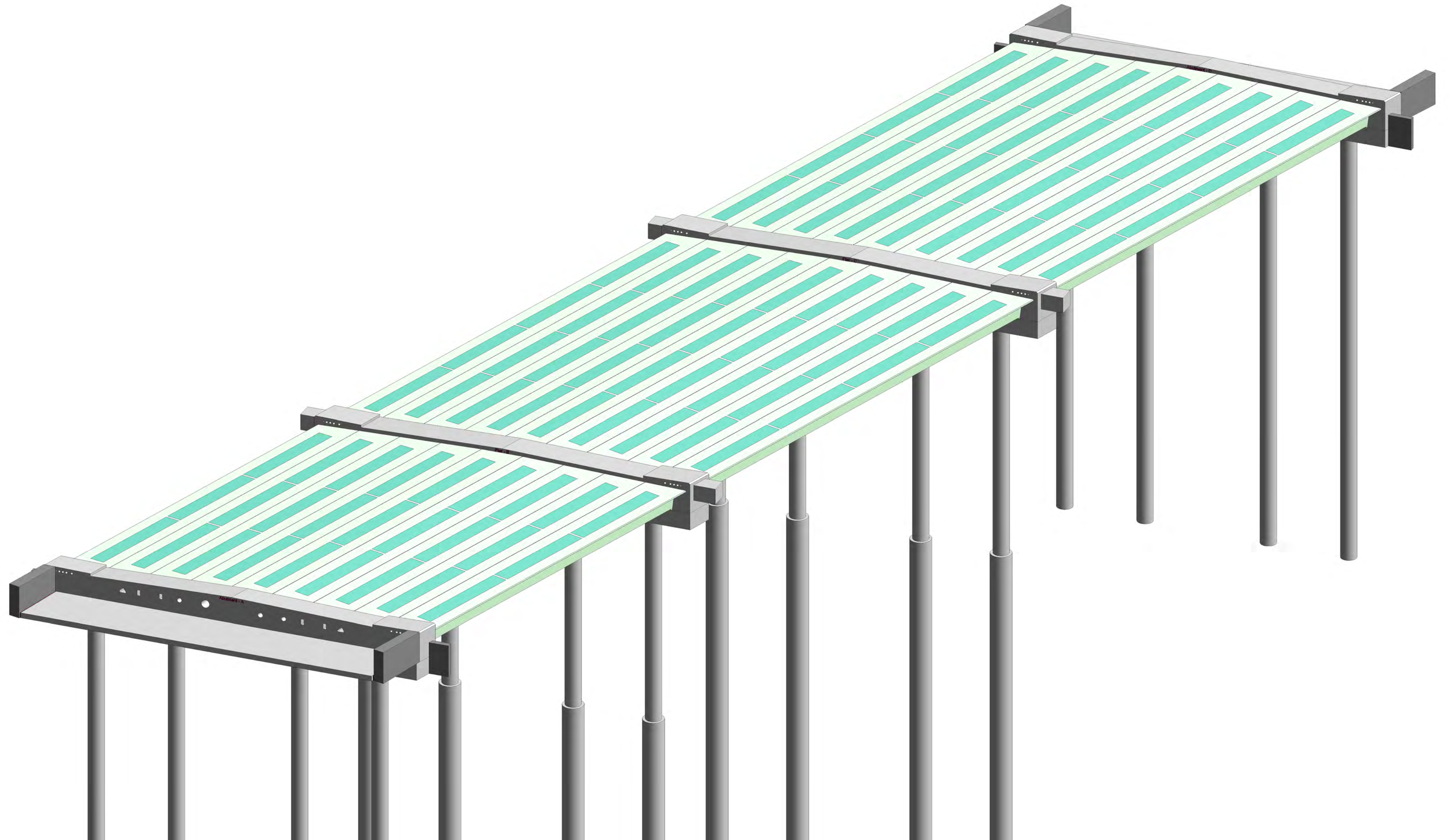
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE) PIER - B_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED				STATUS: ISSUED FOR APPROVAL SHEET: (C) DRG No: ST-E-B-47 REV: 0							
0	HD	11.11.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PEACOCKE WHATUKOORURU DRIVE (EASTERN GULLY BRIDGE)

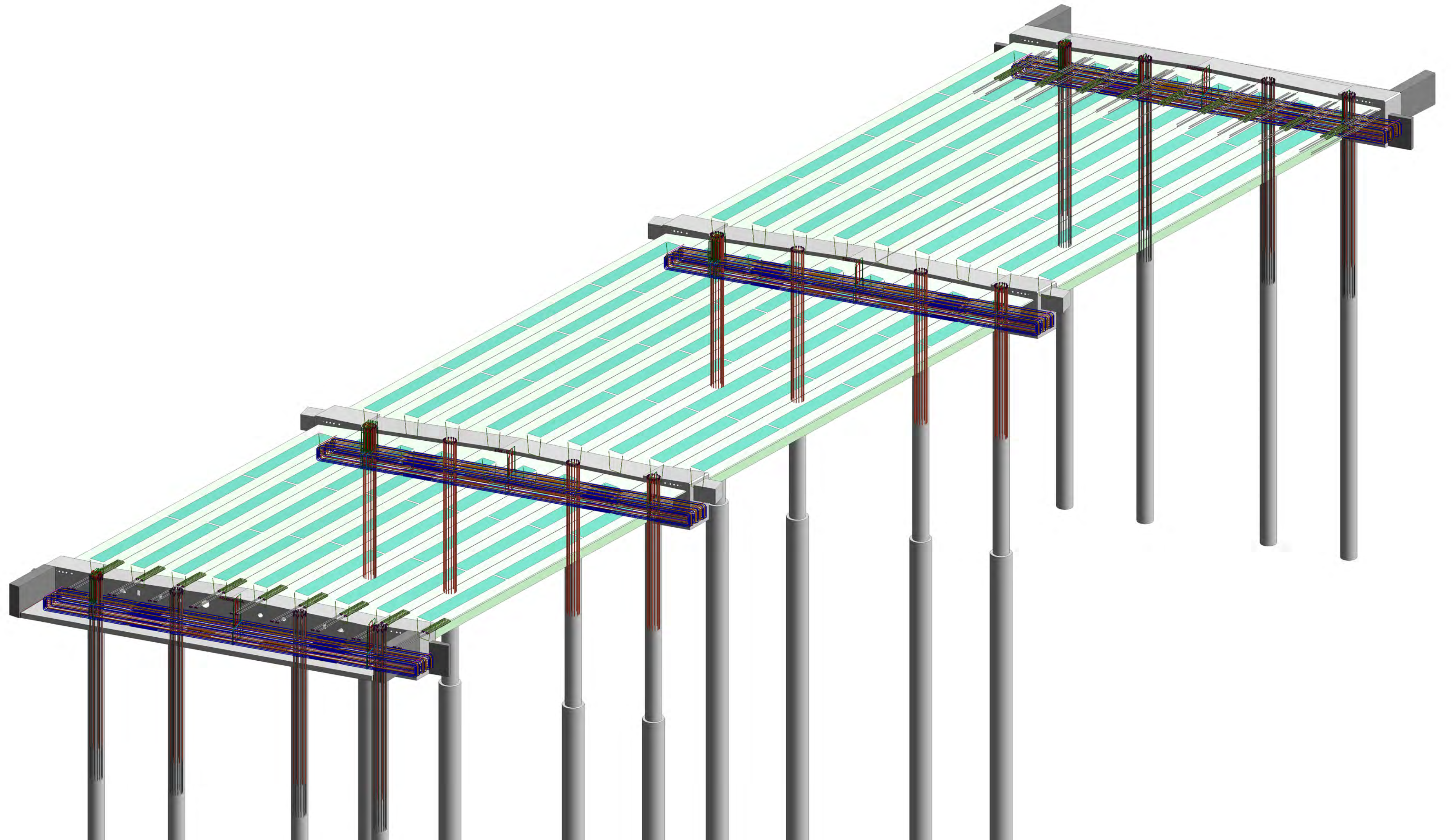
PIER - B_UPSTAND

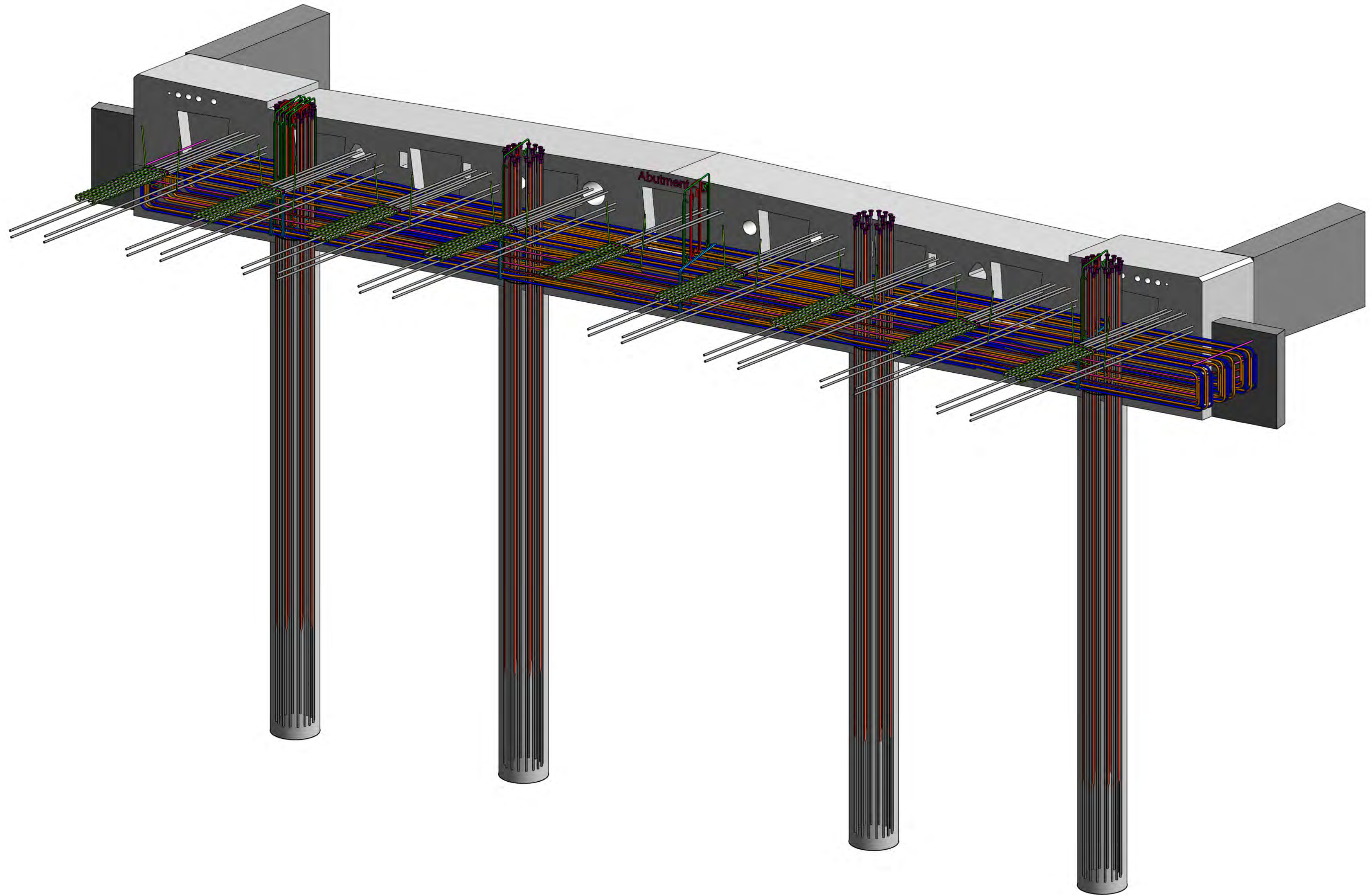


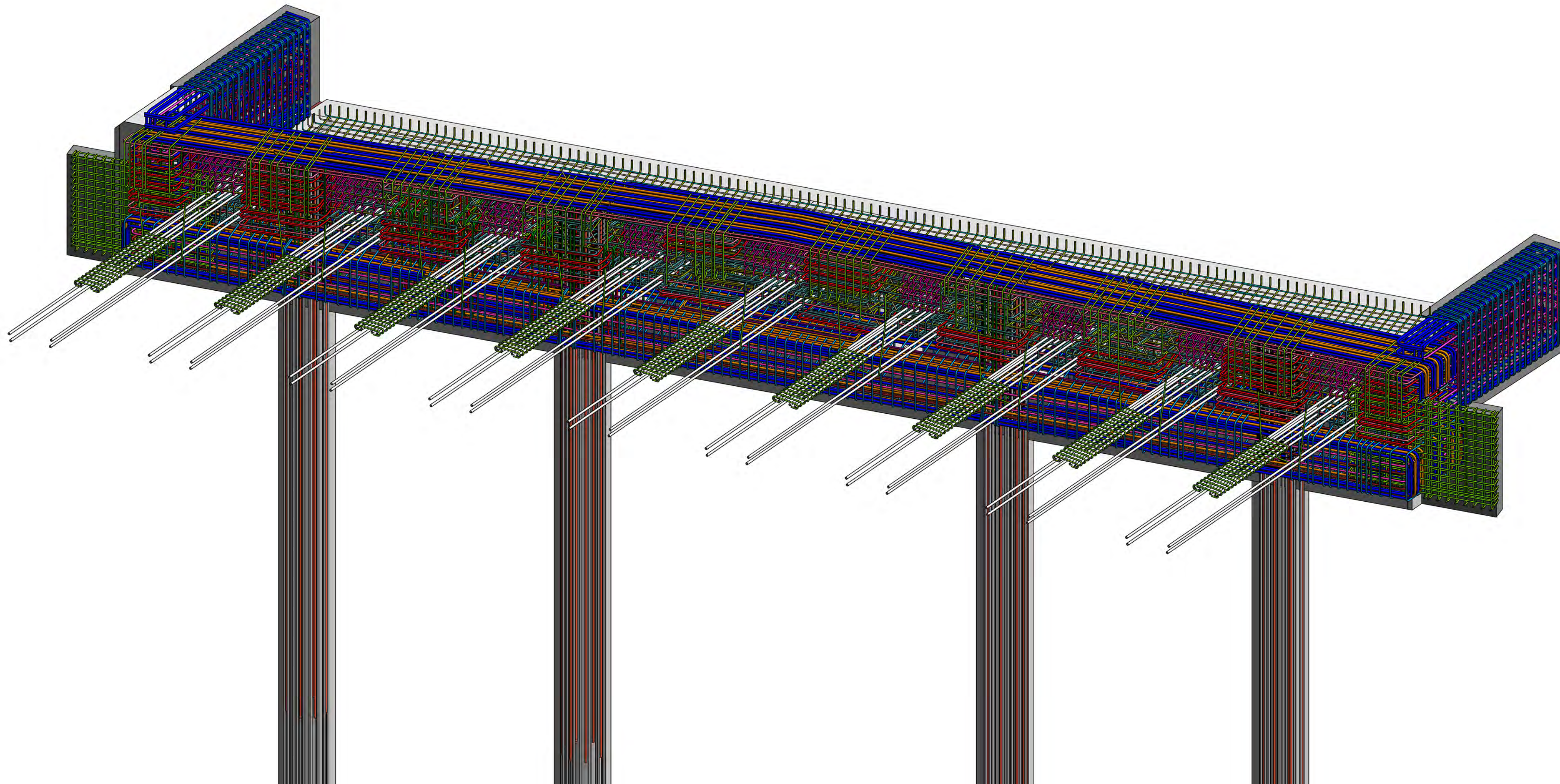
ALL LENGTHS OF REBAR IS OUT SIDE TO OUT SIDE.

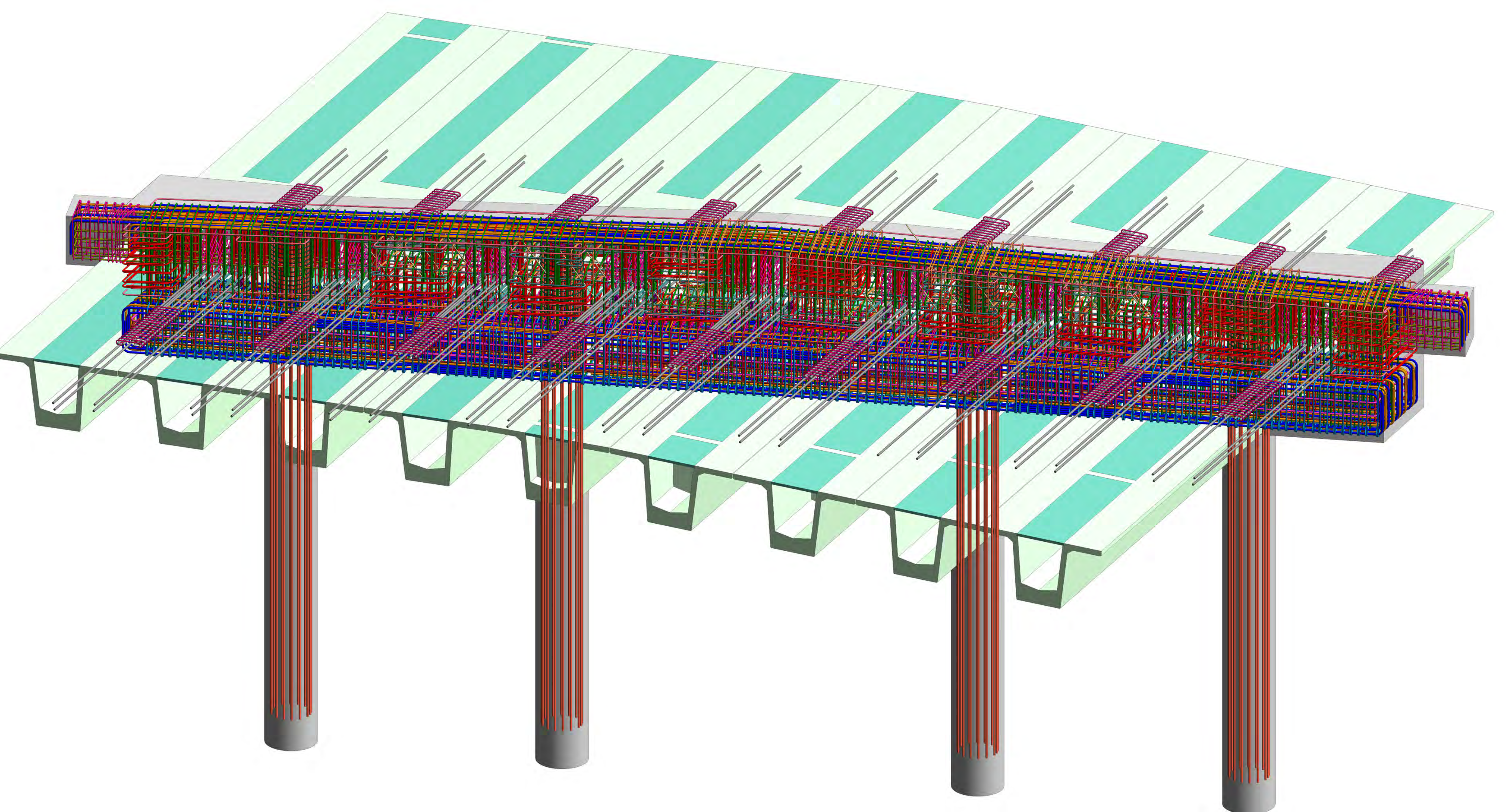


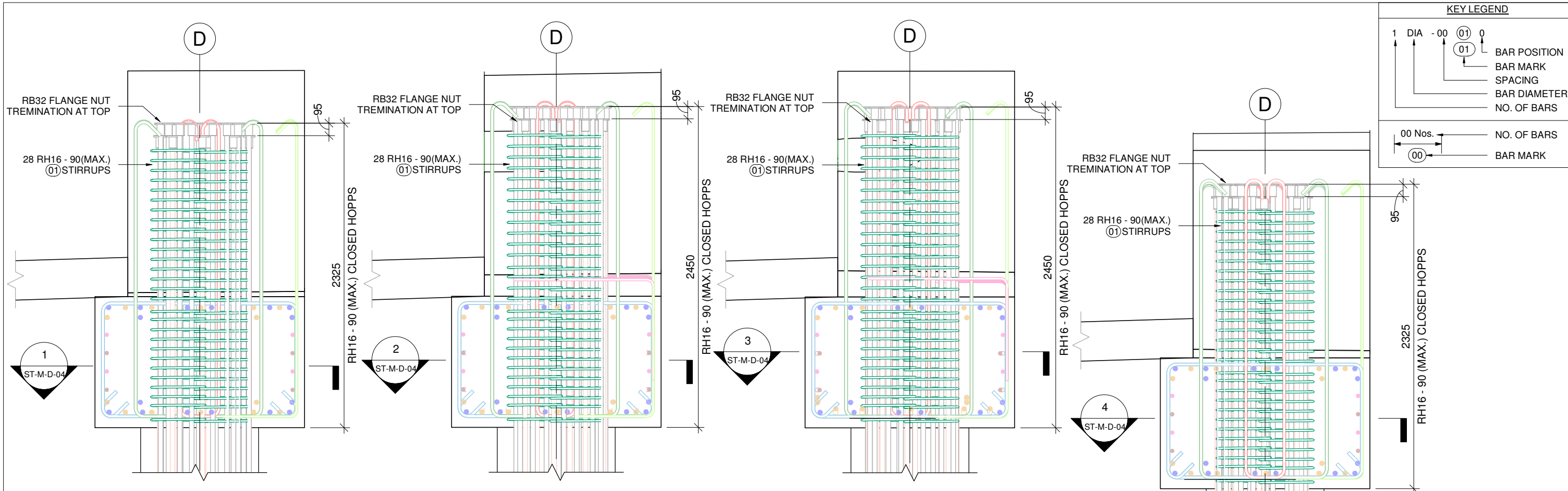












ABUTMENT - D_D1 PILE REINFORCEMENT

SCALE 1 : 30

ABUTMENT - D_D3 PILE REINFORCEMENT

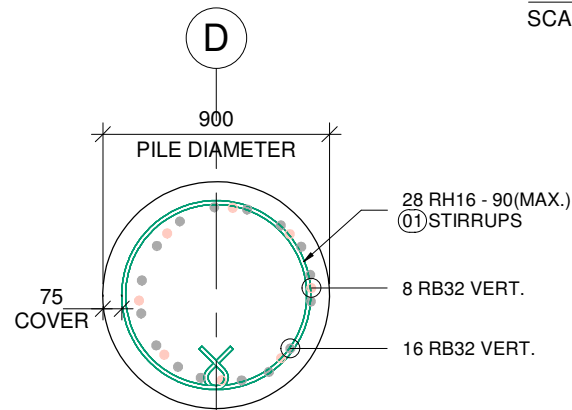
SCALE 1 : 30

ABUTMENT - D_D2 PILE REINFORCEMENT

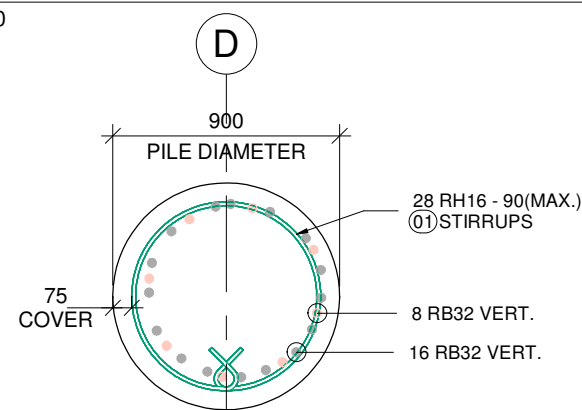
SCALE 1 : 30

ABUTMENT - D_D4 PILE REINFORCEMENT

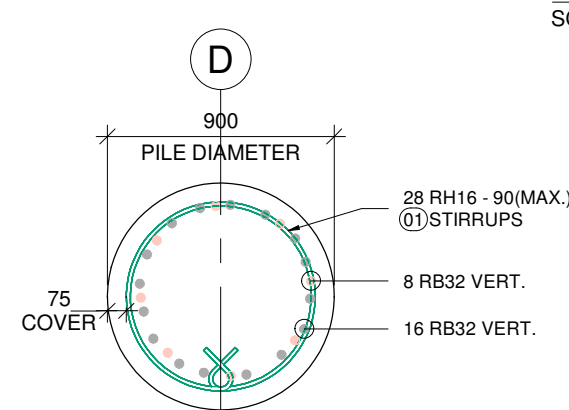
SCALE 1 : 30



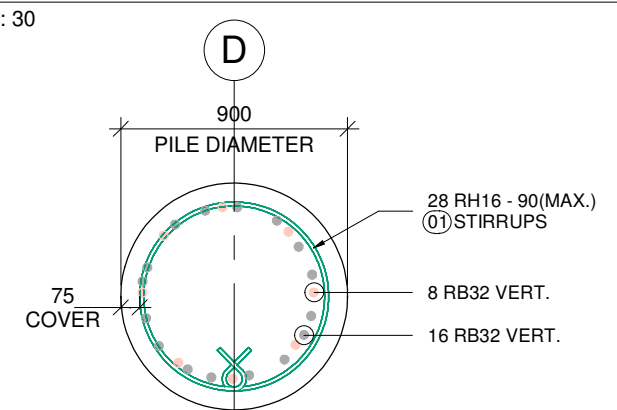
1 SECTION
SCALE 1 : 30



2 SECTION
SCALE 1 : 30



3 SECTION
SCALE 1 : 30



4 SECTION
SCALE 1 : 30

PROJECT: PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)																	Revision:-				00			
MATERIAL FOR : ABUTMENT - D_PILE REINFORCEMENT BAR BENDING SCHEDULE																	Date:-				26.08.2023			
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons	
01	112	RH16	99a	2750	174	0	0	0	0	0	174	0	H1	96	J1	0	750	375				486.13 kg	0.486	
TOTAL WEIGHT																					486.13 kg		0.486	

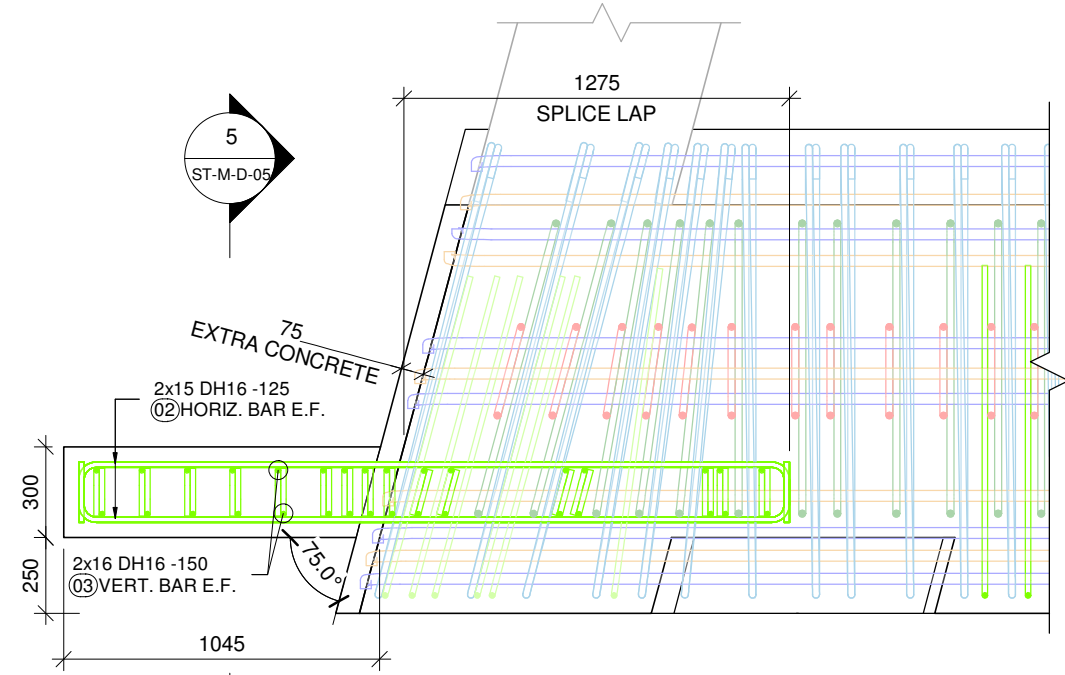
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_PILE REINFORCEMENT DETAIL							
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK											
0 HO 26.08.2023 ISSUED FOR APPROVAL												DESIGN CHECK				STATUS: ISSUED FOR APPROVAL SHEET (C)							
REV. BY DATE DESCRIPTION APPD.												APPROVED				DRG No ST-M-D-04 REV 0							
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																							



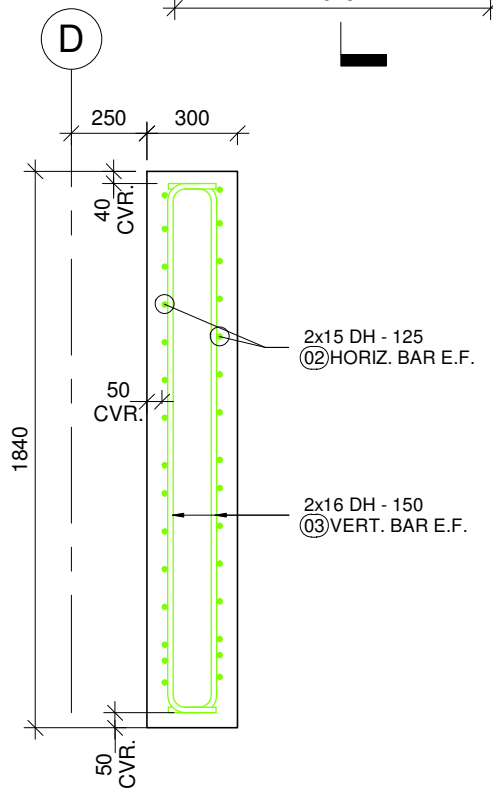
KEY LEGEND

1 DIA - 00 (01) 0
 1 BAR POSITION
 01 BAR MARK
 0 SPACING
 0 BAR DIAMETER
 0 NO. OF BARS

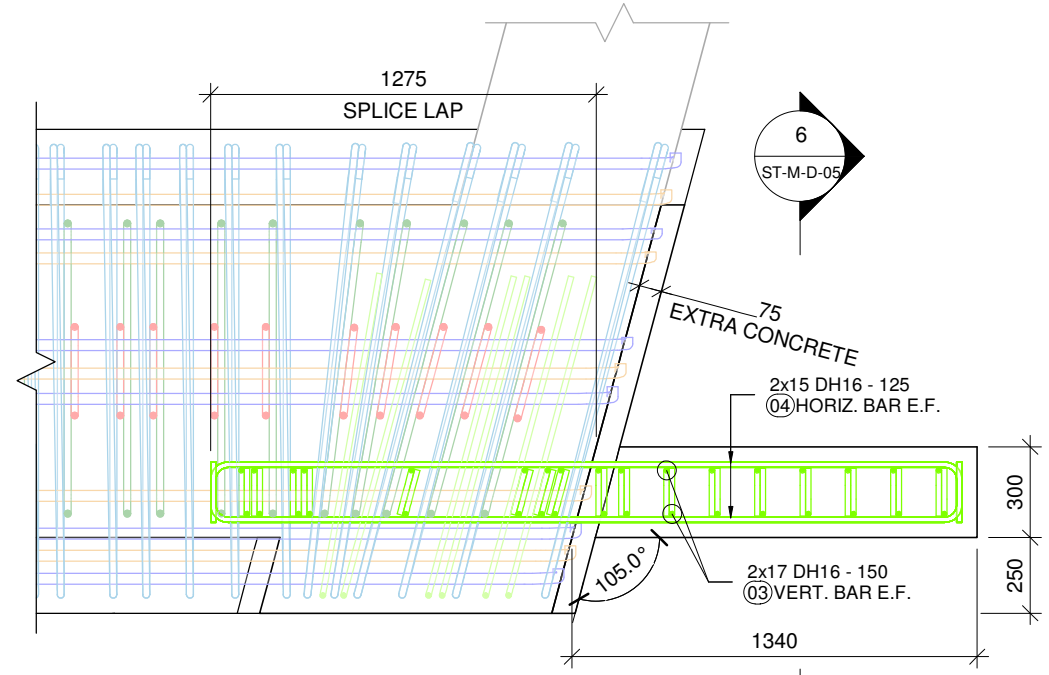
00 Nos. NO. OF BARS
 (00) BAR MARK



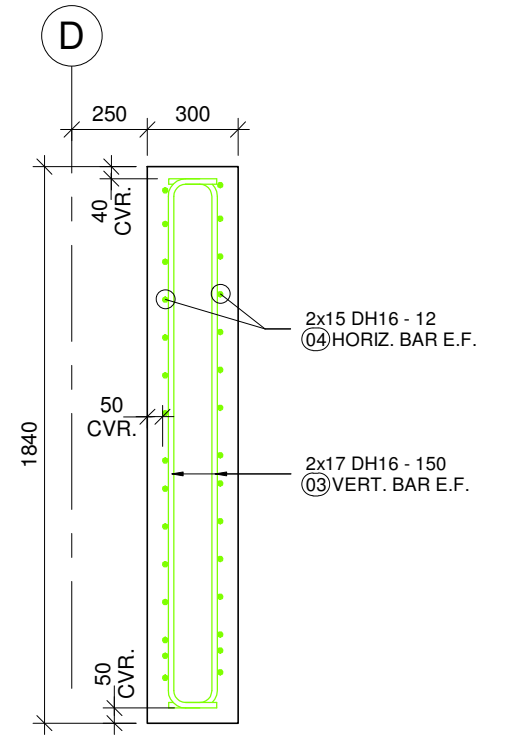
RETURN WALL REINF. PLAN
 SCALE 1 : 25 (RETURN WALL NEAR TO D1 PILE)



5 SECTION
 ST-M-D-05 SCALE 1 : 25



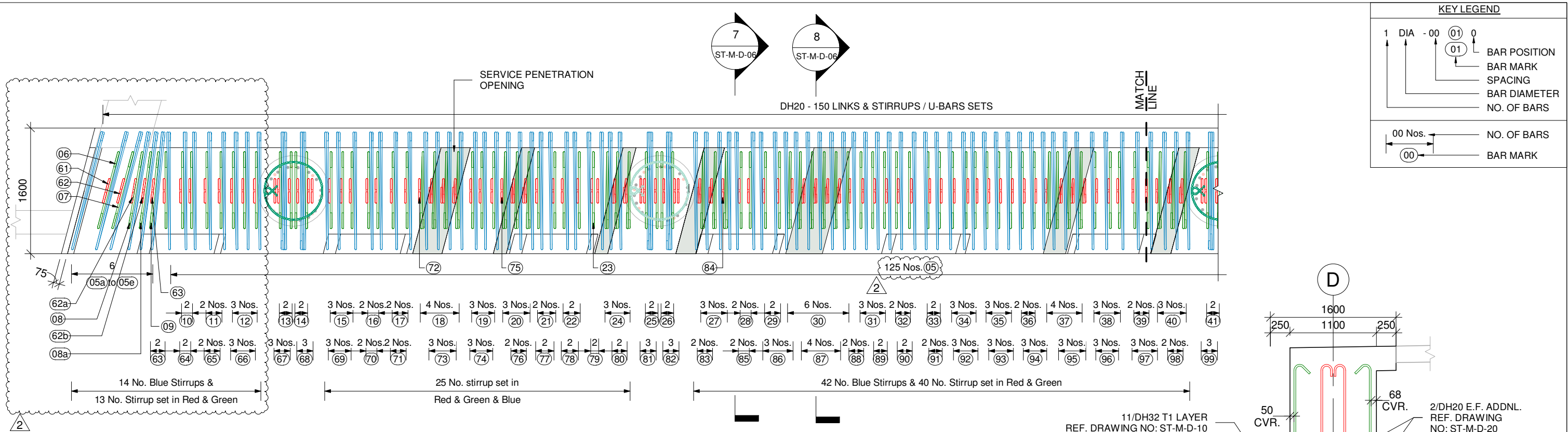
RETURN WALL REINF. PLAN
 SCALE 1 : 25 (RETURN WALL NEAR TO D4 PILE)



6 SECTION
 ST-M-D-05 SCALE 1 : 25

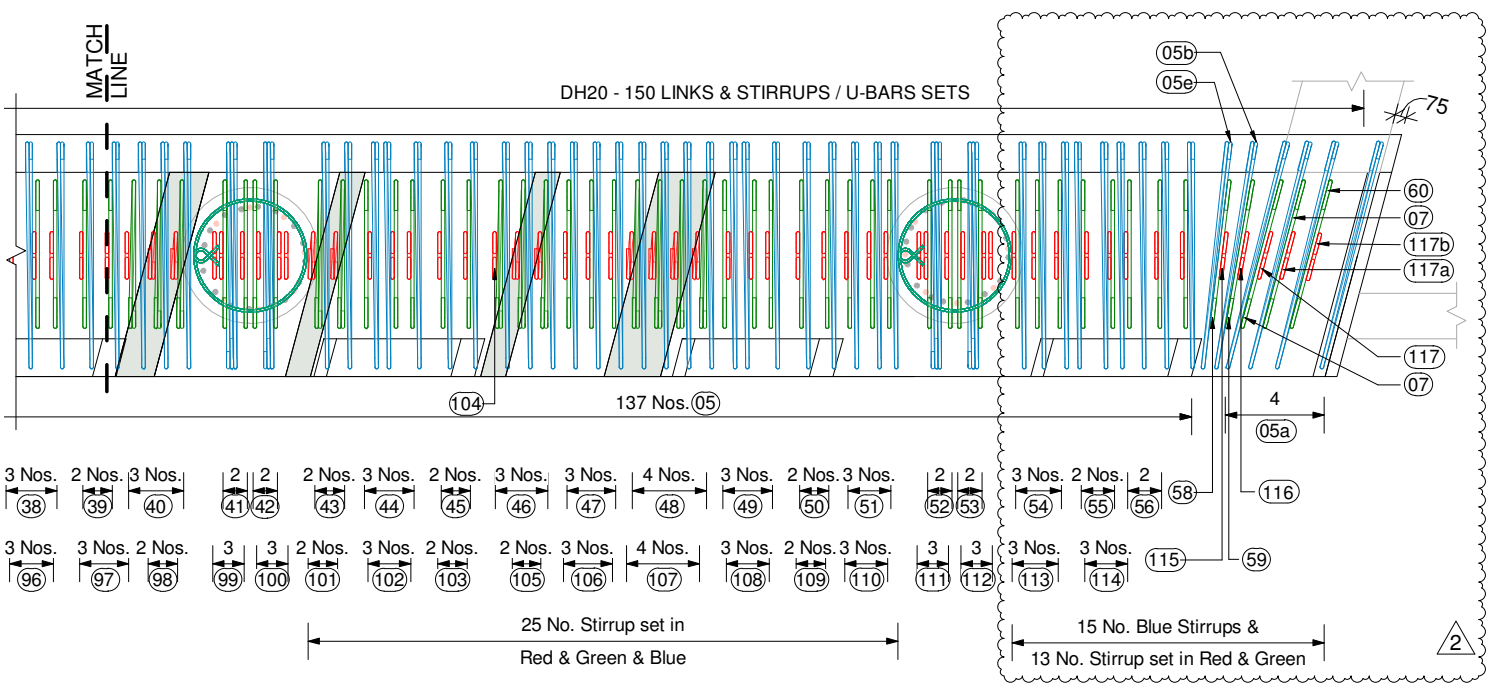
PROJECT: PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)																	Revision:-			00				
MATERIAL FOR : ABUTMENT - D_RETURN WALL BAR BENDING SCHEDULE																	Date:-			26.08.2023				
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons	
02	30	DH16	HL	2672	200	2350	0	0	0	0	200	0		0	J1	0	0	0				126.52 kg	0.127	
03	66	DH16	HL	1992	160	1750	0	0	0	0	160	0		0	J1	0	0	0				207.51 kg	0.208	
04	30	DH16	HL	2807	200	2485	0	0	0	0	200	0		0	J1	0	0	0				132.91 kg	0.133	
TOTAL WEIGHT																					466.94 kg		0.467	

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_RETURN WALL REINFORCEMENT & BAR BENDING SCHEDULE			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED				STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-05 REV 0							
0	HO	26.08.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																			



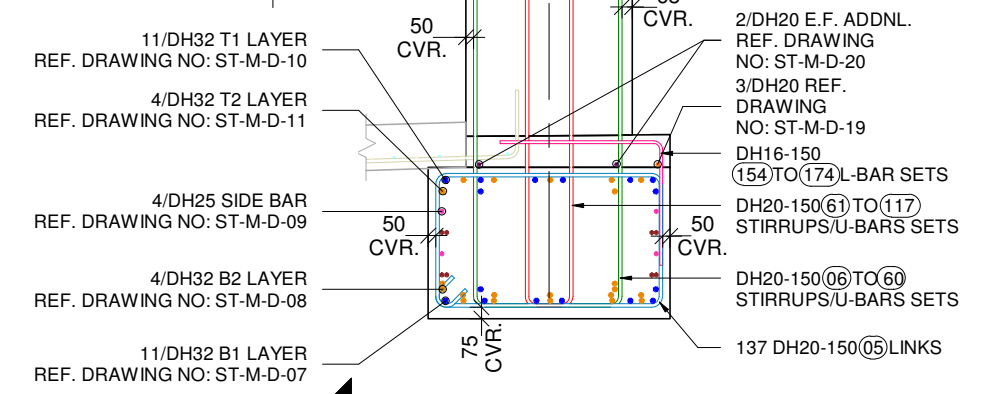
ABUTMENT - D_ CROSSHEAD DOWNSTAND LINKS & STIRRUPS / U-BAR SETS REINF. PLAN

SCALE 1 : 50

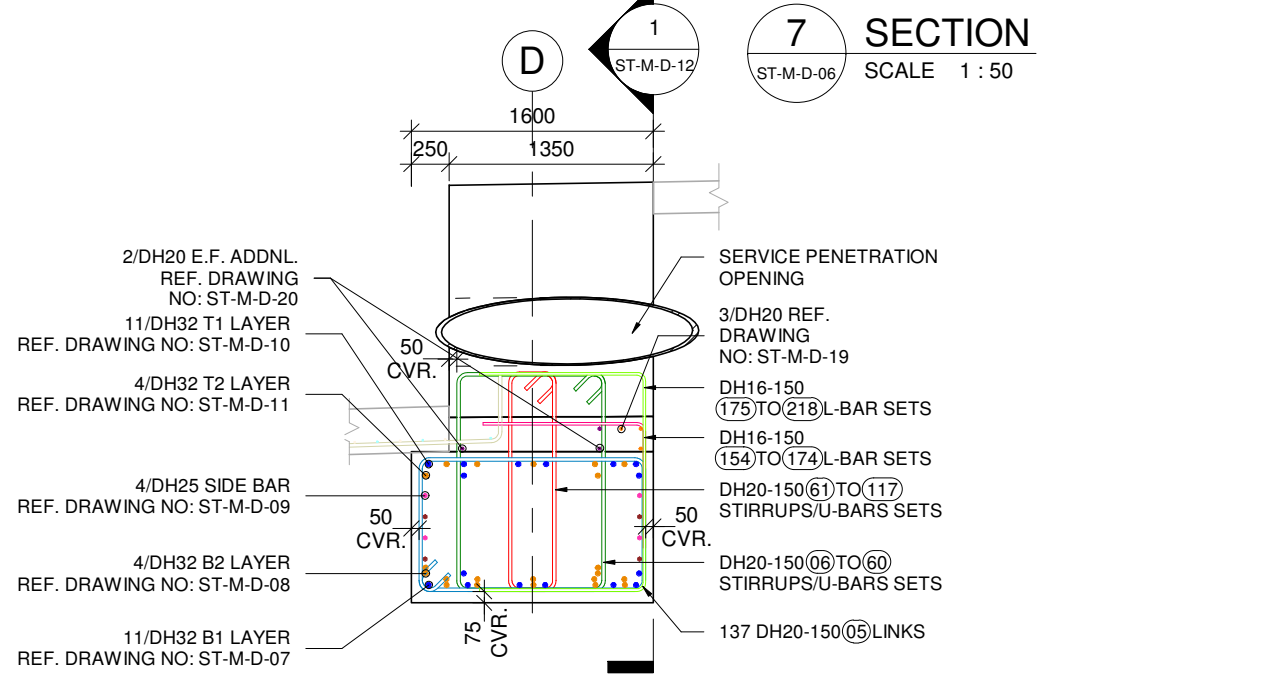


ABUTMENT - D_ CROSSHEAD DOWNSTAND LINKS & STIRRUPS / U-BAR SETS REINF. PLAN

SCALE 1 : 50



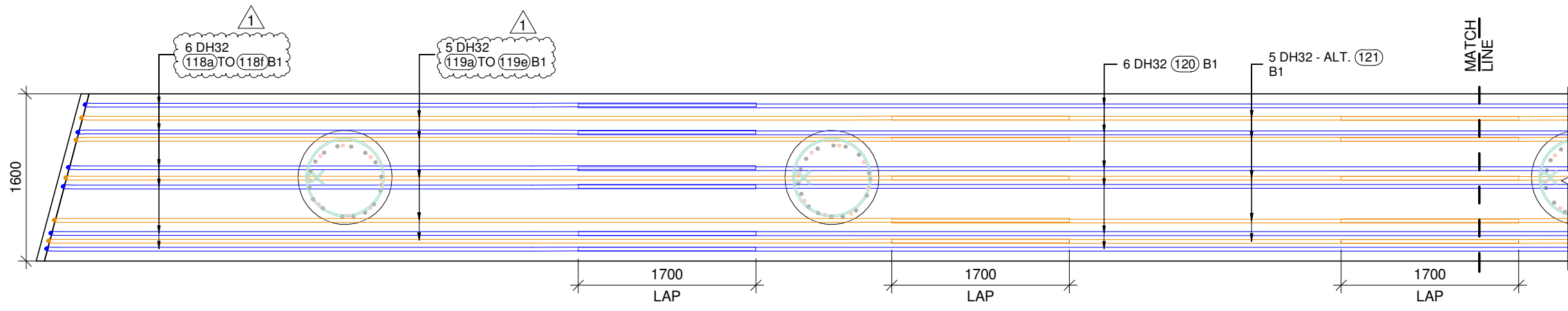
7 SECTION
SCALE 1 : 50



8 SECTION
SCALE 1 : 50

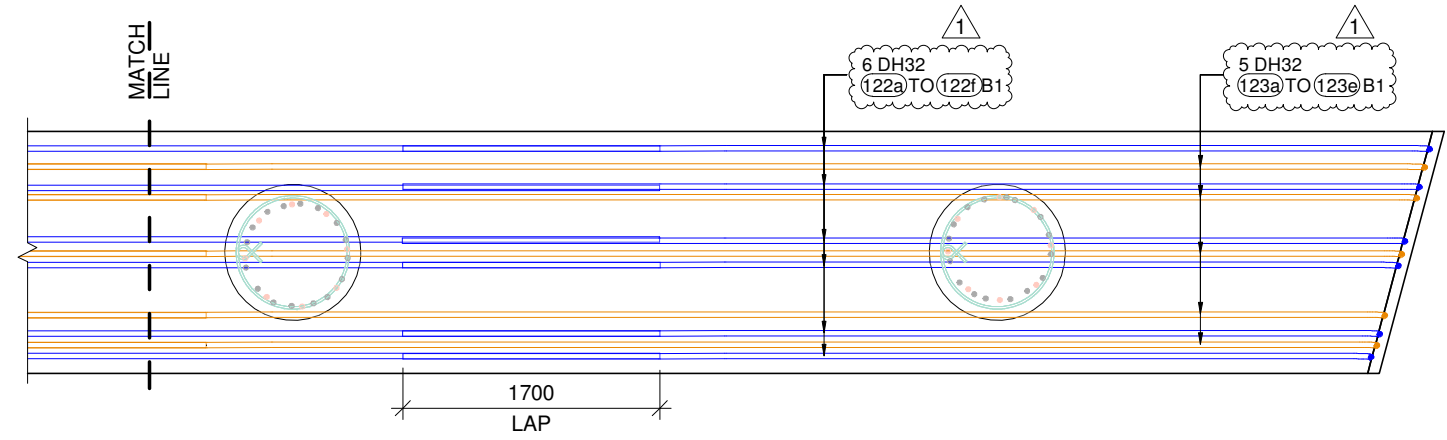
REV.	BY	DATE	DESCRIPTION	APPD.	SCALES	DESIGNER	CLIENT	DISCLAIMER	SERVICE PROVIDER	DRAWN	DESIGNED	DRG CHECK	DESIGN CHECK	APPROVED	STATUS	SHEET	DRG No	REV					
2	HO	23.09.2023	REVISED AS PER COMMENTS	-				The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.							PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	ABUTMENT - D_ CROSSHEAD DOWNSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN	ST-M-D-06	2					
1	HO	18.09.2023	REVISED AS PER COMMENTS	-																			
0	HO	26.08.2023	ISSUED FOR APPROVAL	-																			
A3 Original					Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																		

KEY LEGEND	
1	DIA - 00
0	01
01	0
00	00 Nos.
00	00



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND B1 LAYER REINFORCEMENT PLAN

SCALE 1 : 50

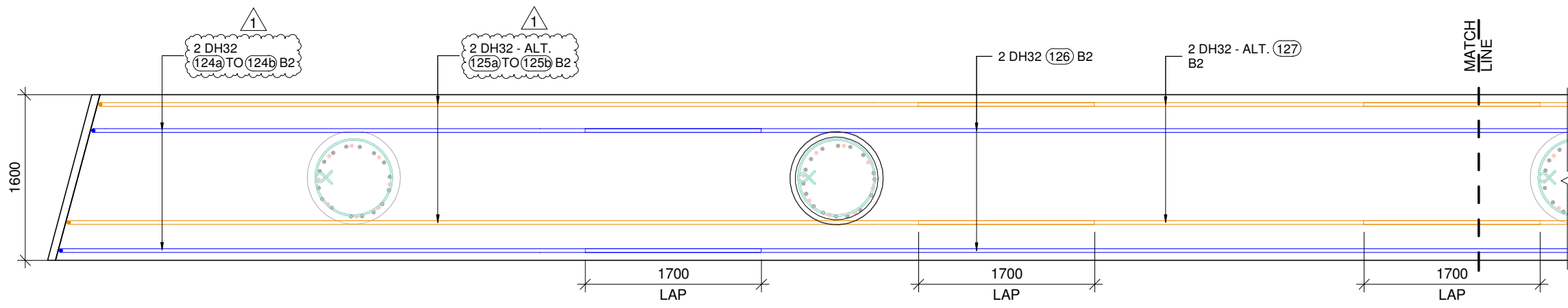


ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND B1 LAYER REINFORCEMENT PLAN

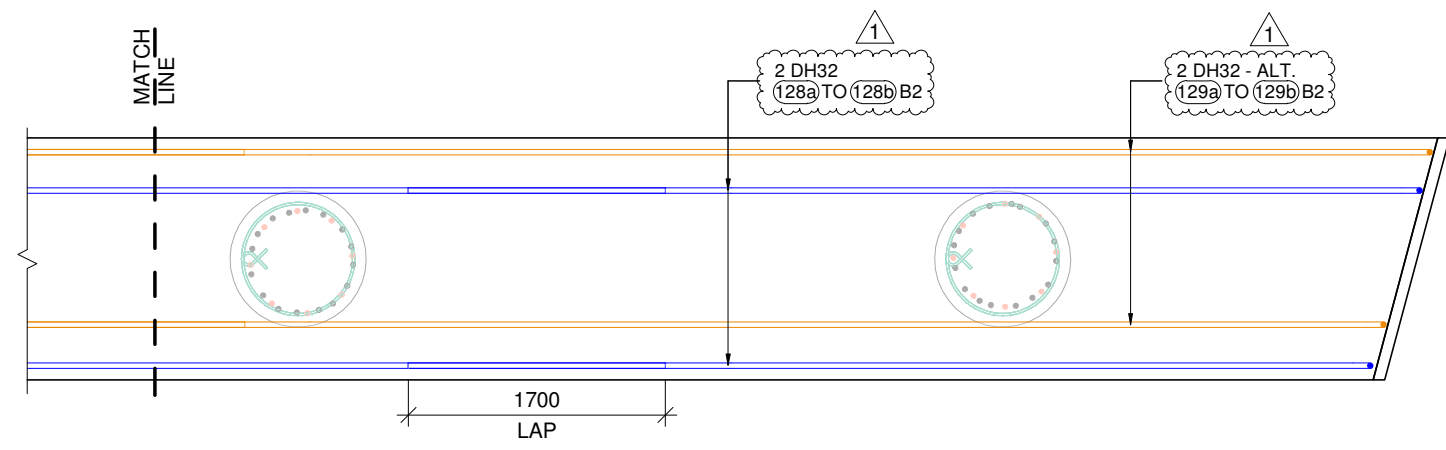
SCALE 1 : 50

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REV.	BY	DATE	DESCRIPTION	APPD.																				
1	HO	18.09.2023	REVISED AS PER COMMENTS	-																				
0	HO	26.08.2023	ISSUED FOR APPROVAL	-																				
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																								

KEY LEGEND	
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0	01
0	01
	BAR POSITION
	BAR MARK
	SPACING
	BAR DIAMETER
	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN
SCALE 1 : 50



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN
SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
1	HO	18.09.2023	REVISED AS PER COMMENTS	-
0	HO	26.08.2023	ISSUED FOR APPROVAL	-


SCALES

DESIGNER

CLIENT

DISCLAIMER The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.

SERVICE PROVIDER



DRAWN

DESIGNED

DRG CHECK

DESIGN CHECK

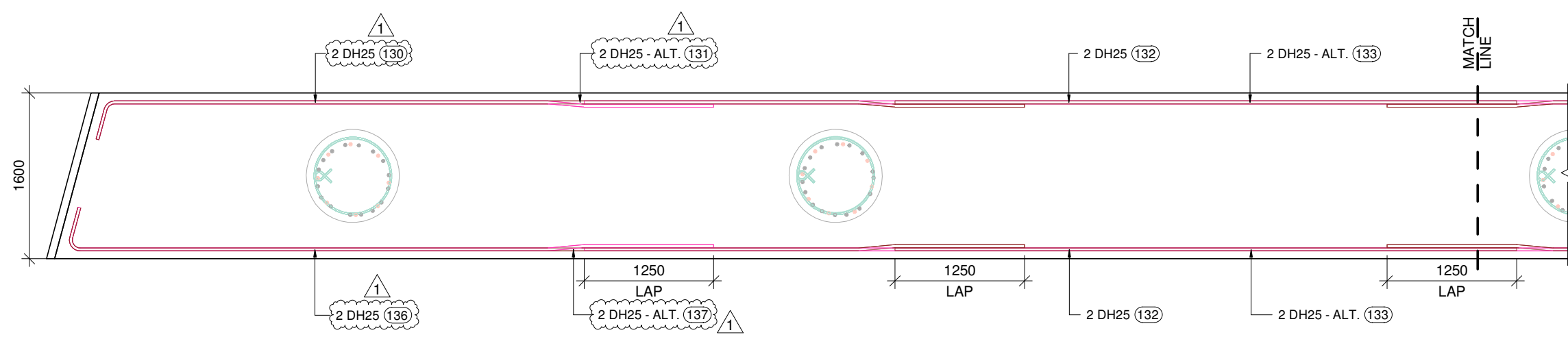
APPROVED

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)			
ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND B2 LAYER REINFORCEMENT PLAN			
STATUS:	ISSUED FOR APPROVAL	SHEET	(C)
DRG No	ST-M-D-08	REV	1

KEY LEGEND

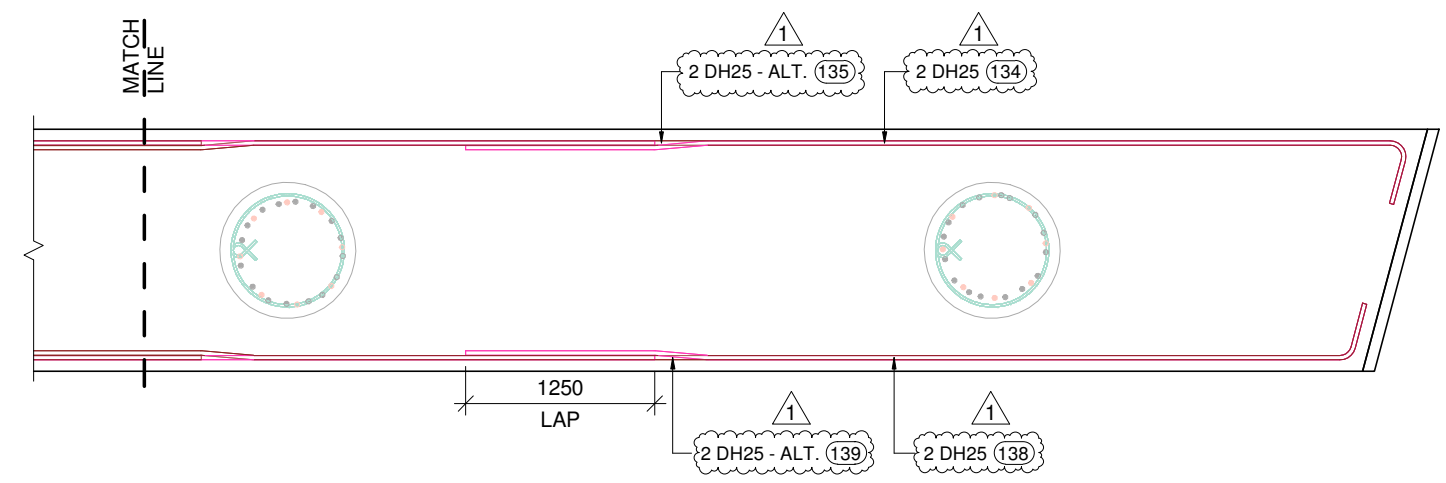
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 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



ABUTMENT - D_CROSSHEAD DOWNSTAND SIDE BAR REINFORCEMENT PLAN

SCALE 1 : 50



ABUTMENT - D_CROSSHEAD DOWNSTAND SIDE BAR REINFORCEMENT PLAN

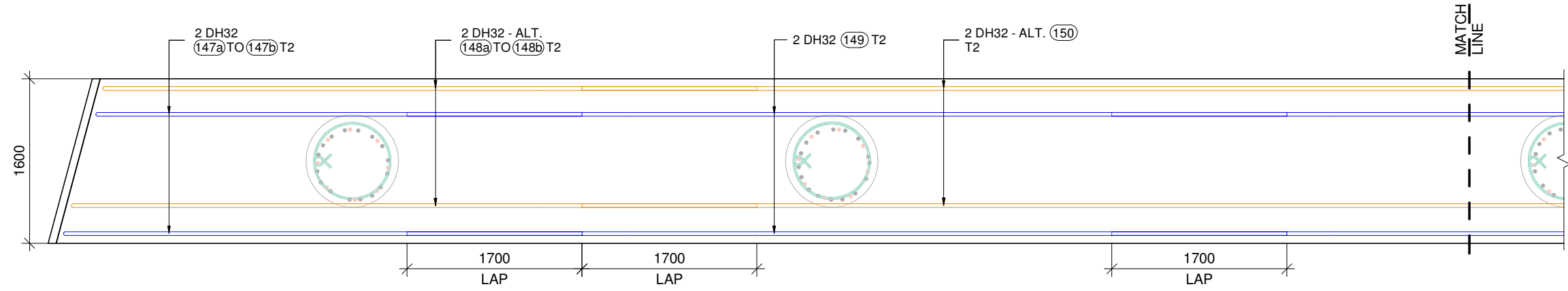
SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD DOWNSTAND SIDE BAR REINFORCEMENT PLAN	
1	HO	18.09.2023	REVISED AS PER COMMENTS				SERVICE PROVIDER SILICON Engineering Consultants Ltd		DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....	STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-09 REV 1
0	HO	26.08.2023	ISSUED FOR APPROVAL						
REV.	BY	DATE	DESCRIPTION	APPD.					
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied						

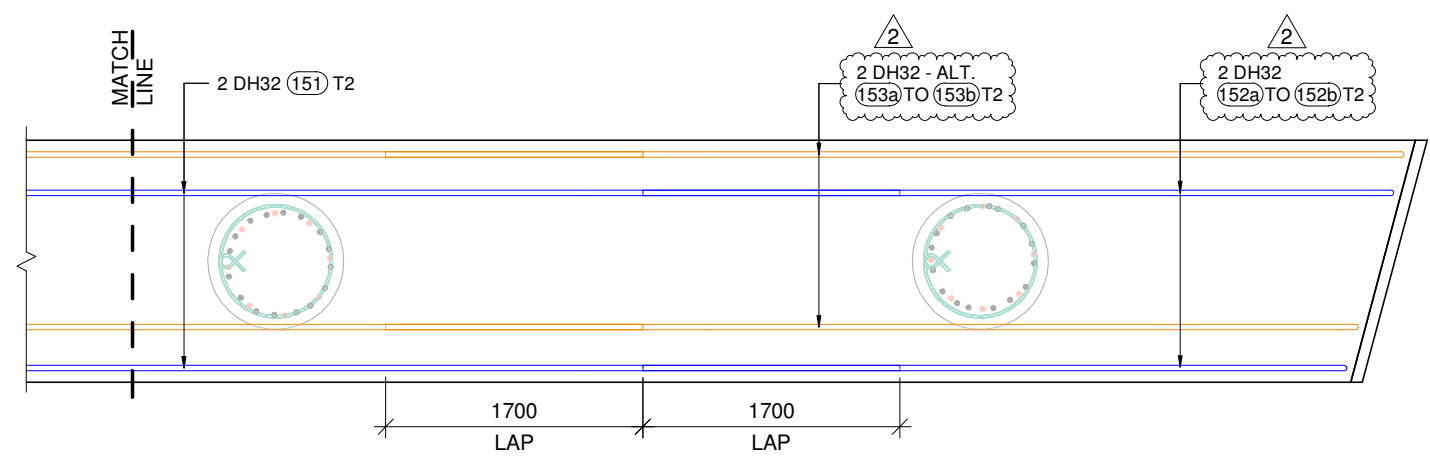
KEY LEGEND

1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ↑ BAR MARK
 ↑ SPACING
 ↑ BAR DIAMETER
 ↑ NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



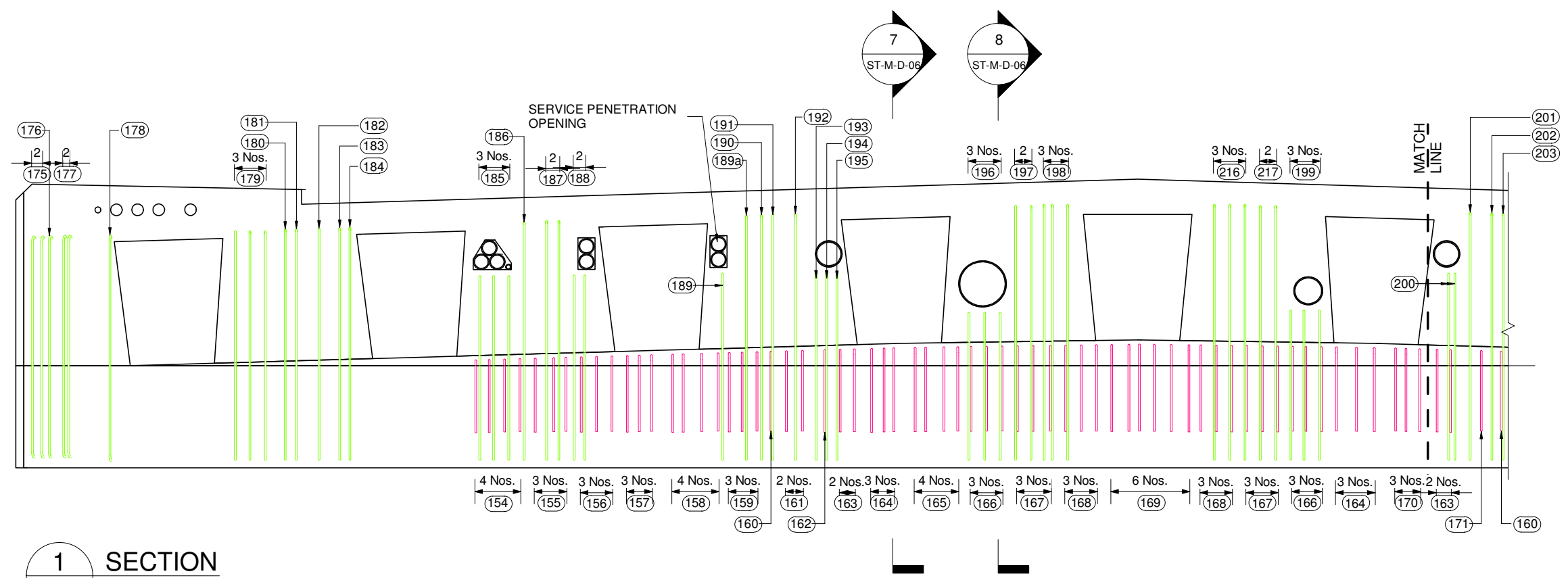
ABUTMENT - D_ TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50



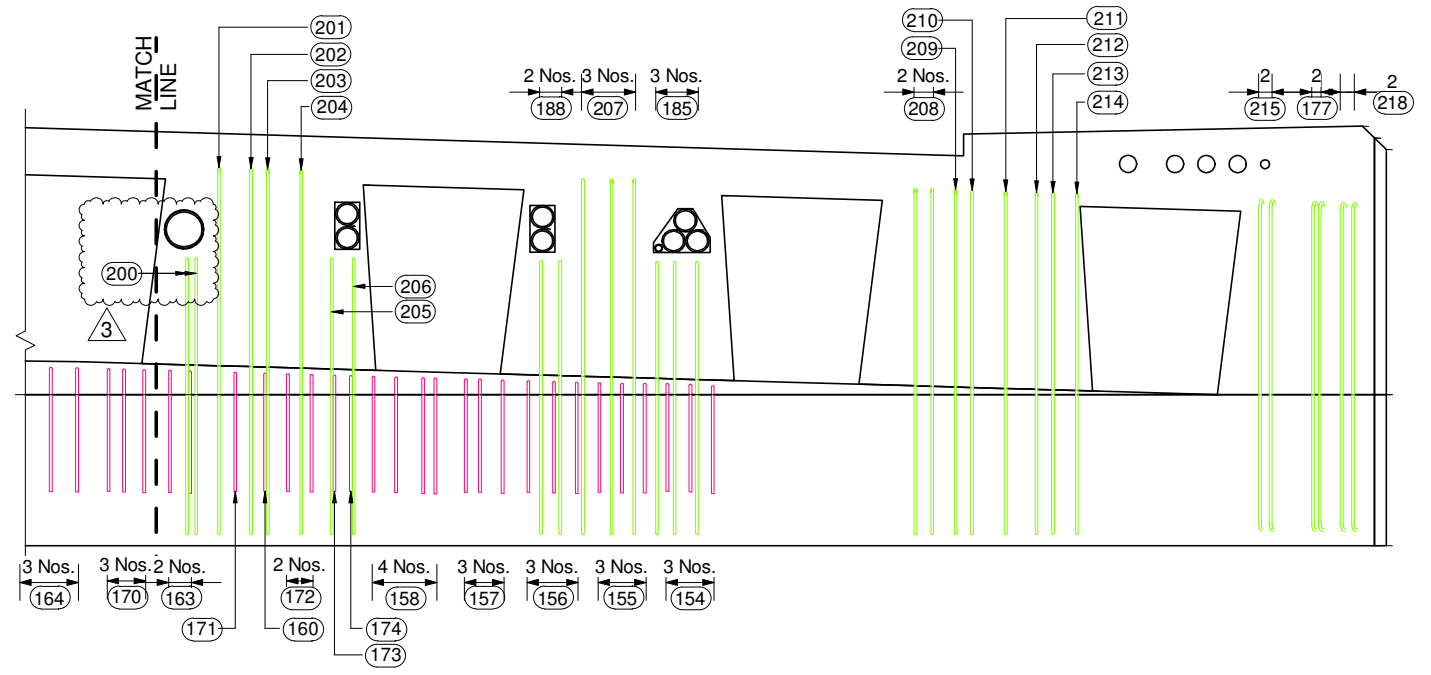
ABUTMENT - D_ TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_ TOP OF CROSSHEAD DOWNSTAND T2 LAYER REINFORCEMENT PLAN
2	HO	28.09.2023	REVISED AS PER COMMENTS	-			SERVICE PROVIDER SILICON Engineering Consultants Ltd		DRAWN ..... DESIGNED ..... DRG CHECK ..... DESIGN CHECK ..... APPROVED .....
1	HO	18.09.2023	REVISED AS PER COMMENTS	-				STATUS: ISSUED FOR APPROVAL
0	HO	26.08.2023	ISSUED FOR APPROVAL	-				SHEET (C)
REV.	BY	DATE	DESCRIPTION	APPD.				DRG No ST-M-D-11
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied					REV 2

KEY LEGEND				
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			(01)	BAR MARK
				SPACING
				BAR DIAMETER
				NO. OF BARS
00 Nos.				NO. OF BARS
(00)				BAR MARK



1 SECTION
ST-M-D-06 SCALE 1 : 50




1 SECTION
ST-M-D-06 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.	SCALES	DESIGNER	CLIENT	DISCLAIMER	SERVICE PROVIDER	DRAWN	DESIGNED	DRG CHECK	DESIGN CHECK	APPROVED	STATUS	SHEET	NO.
3	HO	28.09.2023	REVISED AS PER COMMENTS	-				<small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>		ISSUED FOR APPROVAL	SHEET	(C)
2	HO	23.09.2023	REVISED AS PER COMMENTS	-			.....			.....	.....	.....	.....
1	HO	18.09.2023	REVISED AS PER COMMENTS	-			.....			.....	.....	.....	.....
0	HO	26.08.2023	ISSUED FOR APPROVAL	-			.....			.....	.....	.....	.....
										
A3 Original					Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)		ABUTMENT - D_CROSSHEAD DOWNSTAND VERTICAL L-BAR REINFORCEMENT PLAN		DRG No ST-M-D-12		REV	3	


PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	02
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	23.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
05	125	DH20_C (S)	L1	5006	191	1500	885	1500	885	0	191	0		119		0	0	0				1543.19 kg	1.543
05a	7	DH20_C (S)	L1	5110	191	1552	885	1552	885	0	191	0		119		0	0	0				88.21 kg	0.088
05b	2	DH20_C (S)	L1	5051	191	1523	885	1523	885	0	191	0		119		0	0	0				24.91 kg	0.025
05c	1	DH20_C (S)	L1	5035	191	1515	885	1515	885	0	191	0		119		0	0	0				12.42 kg	0.012
05d	1	DH20_C (S)	L1	5021	191	1508	885	1508	885	0	191	0		119		0	0	0				12.38 kg	0.012
05e	1	DH20_C (S)	L1	5028	191	1511	885	1511	885	0	191	0		119		0	0	0				12.40 kg	0.012
06	1	DH20_G (S)	L8	5697	191	2198	1016	2198	0	0	191	119	119	0		0	0	0				14.05 kg	0.014
07	3	DH20_G (S)	L8	5717	191	2208	1016	2208	0	0	191	119	119	0		0	0	0				42.30 kg	0.042
08	1	DH20_G (S)	L8	5707	191	2212	997	2212	0	0	191	119	119	0		0	0	0				14.07 kg	0.014
08a	1	DH20_G (S)	L8	5704	191	2212	991	2216	0	0	191	119	119	0		0	0	0				14.07 kg	0.014
09	1	DH20_G (S)	L8	5704	191	2216	987	2216	0	0	191	119	119	0		0	0	0				14.07 kg	0.014
09a	1	DH20_G (S)	L8	5688	191	2211	982	2211	0	0	191	119	119	0		0	0	0				14.03 kg	0.014
10	2	DH20_G (S)	L8	5727	191	2230	982	2230	0	0	191	119	119	0		0	0	0				28.25 kg	0.028
11	2	DH20_G (S)	L8	5750	191	2242	982	2242	0	0	191	119	119	0		0	0	0				28.36 kg	0.028
12	3	DH20_G (S)	L8	5777	191	2255	982	2255	0	0	191	119	119	0		0	0	0				42.74 kg	0.043
13	2	DH20_G (S)	L8	5804	191	2269	982	2269	0	0	191	119	119	0		0	0	0				28.63 kg	0.029
14	2	DH20_G (S)	L8	5816	191	2275	982	2275	0	0	191	119	119	0		0	0	0				28.69 kg	0.029
15	3	DH20_G (S)	L8	5851	191	2292	982	2292	0	0	191	119	119	0		0	0	0				43.29 kg	0.043
16	2	DH20_G (S)	L8	5870	191	2302	982	2302	0	0	191	119	119	0		0	0	0				28.95 kg	0.029
17	2	DH20_G (S)	L8	5893	191	2313	982	2313	0	0	191	119	119	0		0	0	0				29.07 kg	0.029
18	4	DH20_G (S)	L1	5809	191	982	1805	982	1805	0	191	0		119		0	0	0				57.30 kg	0.057
19	3	DH20_G (S)	L8	5959	191	2346	982	2346	0	0	191	119	119	0		0	0	0				44.09 kg	0.044
20	3	DH20_G (S)	L1	5812	191	982	1806	982	1806	0	191	0		119		0	0	0				43.00 kg	0.043
21	2	DH20_G (S)	L8	6006	191	2369	982	2369	0	0	191	119	119	0		0	0	0				29.62 kg	0.030
22	2	DH20_G (S)	L8	6035	191	2384	982	2384	0	0	191	119	119	0		0	0	0				29.77 kg	0.030
23	1	DH20_G (S)	L8	6035	191	2384	982	2384	0	0	191	119	119	0		0	0	0				14.88 kg	0.015
24	3	DH20_G (S)	L1	5847	191	982	1824	982	1824	0	191	0		119		0	0	0				43.26 kg	0.043
25	2	DH20_G (S)	L8	6084	191	2408	982	2408	0	0	191	119	119	0		0	0	0				30.01 kg	0.030
26	2	DH20_G (S)	L8	6096	191	2414	982	2414	0	0	191	119	119	0		0	0	0				30.07 kg	0.030
27	3	DH20_G (S)	L1	5860	191	982	1830	982	1830	0	191	0		119		0	0	0				43.35 kg	0.043
28	2	DH20_G (S)	L8	6155	191	2444	982	2444	0	0	191	119	119	0		0	0	0				30.36 kg	0.030
29	2	DH20_G (S)	L8	6177	191	2455	982	2455	0	0	191	119	119	0		0	0	0				30.47 kg	0.030
30	6	DH20_G (S)	L1	5096	191	982	1448	982	1448	0	191	0		119		0	0	0				75.41 kg	0.075
31	3	DH20_G (S)	L8	6257	191	2495	982	2495	0	0	191	119	119	0		0	0	0				46.29 kg	0.046
32	2	DH20_G (S)	L8	6276	191	2505	982	2505	0	0	191	119	119	0		0	0	0				30.96 kg	0.031
33	2	DH20_G (S)	L8	6299	191	2516	982	2516	0	0	191	119	119	0		0	0	0				31.07 kg	0.031
34	3	DH20_G (S)	L8	6290	191	2511	982	2511	0	0	191	119	119	0		0	0	0				46.54 kg	0.047
35	3	DH20_G (S)	L8	6263	191	2498	982	2498	0	0	191	119	119	0		0	0	0				46.34 kg	0.046
36	2	DH20_G (S)	L8	6236	191	2485	982	2485	0	0	191	119	119	0		0	0	0				30.76 kg	0.031
37	4	DH20_G (S)	L1	5139	191	982	1470	982	1470	0	191	0		119		0	0	0				50.69 kg	0.051
38	3	DH20_G (S)	L8	6181	191	2457	982	2457	0	0	191	119	119	0		0	0	0				45.73 kg	0.046
39	2	DH20_G (S)	L8	6151	191	2442	982	2442	0	0	191	119	119	0		0	0	0				30.34 kg	0.030
40	3	DH20_G (S)	L1	5859	191	982	1830	982	1830	0	191	0		119		0	0	0				43.35 kg	0.043
41	2	DH20_G (S)	L8	6095	191	2414	982	2414	0	0	191	119	119	0		0	0	0				30.06 kg	0.030
42	2	DH20_G (S)	L8	6083	191	2408	982	2408	0	0	191	119	119	0		0	0	0				30.00 kg	0.030
TOTAL WEIGHT																						3027.78 kg	3.028

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2	HO	23.09.2023	REVISED AS PER COMMENTS	-																								
1	HO	18.09.2023	REVISED AS PER COMMENTS	-																								
0	HO	26.08.2023	ISSUED FOR APPROVAL	-																								
REV.	BY	DATE	DESCRIPTION	APPD.																								
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																												

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	02
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	23.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons	
43	2	DH20_G (S)	L1	5847	191	982	1824	982	1824	0	191	0		119		0	0	0				28.84 kg	0.029	
44	3	DH20_G (S)	L8	6039	191	2386	982	2386	0	0	191	119	119	0		0	0	0				44.68 kg	0.045	
45	2	DH20_G (S)	L8	6008	191	2371	982	2371	0	0	191	119	119	0		0	0	0				29.63 kg	0.030	
46	3	DH20_G (S)	L1	5814	191	982	1807	982	1807	0	191	0		119		0	0	0				43.01 kg	0.043	
47	3	DH20_G (S)	L8	5958	191	2346	982	2346	0	0	191	119	119	0		0	0	0				44.08 kg	0.044	
48	4	DH20_G (S)	L1	5810	191	982	1805	982	1805	0	191	0		119		0	0	0				57.31 kg	0.057	
49	3	DH20_G (S)	L8	5897	191	2315	982	2315	0	0	191	119	119	0		0	0	0				43.63 kg	0.044	
50	2	DH20_G (S)	L8	5866	191	2300	982	2300	0	0	191	119	119	0		0	0	0				28.93 kg	0.029	
51	3	DH20_G (S)	L8	5847	191	2290	982	2290	0	0	191	119	119	0		0	0	0				43.26 kg	0.043	
52	2	DH20_G (S)	L8	5815	191	2274	982	2274	0	0	191	119	119	0		0	0	0				28.68 kg	0.029	
53	2	DH20_G (S)	L8	5803	191	2268	982	2268	0	0	191	119	119	0		0	0	0				28.62 kg	0.029	
54	3	DH20_G (S)	L8	5780	191	2257	982	2257	0	0	191	119	119	0		0	0	0				42.76 kg	0.043	
55	2	DH20_G (S)	L8	5734	191	2234	982	2234	0	0	191	119	119	0		0	0	0				28.28 kg	0.028	
56	2	DH20_G (S)	L8	5716	191	2224	982	2224	0	0	191	119	119	0		0	0	0				28.19 kg	0.028	
57	1	DH20_G (S)	L8	5694	191	2213	982	2213	0	0	191	119	119	0		0	0	0				14.04 kg	0.014	
58	1	DH20_G (S)	L8	5707	191	2216	989	2216	0	0	191	119	119	0		0	0	0				14.07 kg	0.014	
59	1	DH20_G (S)	L8	5707	191	2212	997	2212	0	0	191	119	119	0		0	0	0				14.07 kg	0.014	
60	1	DH20_G (S)	L8	5674	191	2187	1016	2187	0	0	191	119	119	0		0	0	0				13.99 kg	0.014	
61	1	DH20_R (S)	HCH	5022	198	2198	325	2198	0	0	198	0	0	140		0	0	0				12.39 kg	0.012	
62	1	DH20_R (S)	HCH	5033	198	2203	325	2203	0	0	198	0	0	140		0	0	0				12.41 kg	0.012	
62a	1	DH20_R (S)	HCH	5045	198	2212	320	2212	0	0	198	0	0	140		0	0	0				12.44 kg	0.012	
62b	1	DH20_R (S)	HCH	5050	198	2215	318	2215	0	0	198	0	0	140		0	0	0				12.45 kg	0.012	
63	2	DH20_R (S)	HCH	5047	198	2215	315	2215	0	0	198	0	0	140		0	0	0				24.89 kg	0.025	
64	2	DH20_R (S)	HCH	5075	198	2229	315	2229	0	0	198	0	0	140		0	0	0				25.03 kg	0.025	
65	2	DH20_R (S)	HCH	5098	198	2241	315	2241	0	0	198	0	0	140		0	0	0				25.14 kg	0.025	
66	3	DH20_R (S)	HCH	5126	198	2255	315	2255	0	0	198	0	0	140		0	0	0				37.92 kg	0.038	
67	3	DH20_R (S)	HCH	5152	198	2268	315	2268	0	0	198	0	0	140		0	0	0				38.12 kg	0.038	
68	3	DH20_R (S)	HCH	5170	198	2277	315	2277	0	0	198	0	0	140		0	0	0				38.25 kg	0.038	
69	3	DH20_R (S)	HCH	5199	198	2291	315	2291	0	0	198	0	0	140		0	0	0				38.46 kg	0.038	
70	2	DH20_R (S)	HCH	5218	198	2301	315	2301	0	0	198	0	0	140		0	0	0				25.74 kg	0.026	
71	2	DH20_R (S)	HCH	5241	198	2312	315	2312	0	0	198	0	0	140		0	0	0				25.85 kg	0.026	
72	1	DH20_R (S)	HCH	5252	198	2318	315	2318	0	0	198	0	0	140		0	0	0				12.95 kg	0.013	
73	3	DH20_R (S)	L1	4481	191	315	1808	315	1808	0	191	0		119		0	0	0				33.15 kg	0.033	
74	3	DH20_R (S)	HCH	5307	198	2345	315	2345	0	0	198	0	0	140		0	0	0				39.26 kg	0.039	
75	1	DH20_R (S)	HCH	5315	198	2349	315	2349	0	0	198	0	0	140		0	0	0				13.11 kg	0.013	
76	2	DH20_R (S)	L1	4504	191	315	1819	315	1819	0	191	0		119		0	0	0				22.22 kg	0.022	
77	2	DH20_R (S)	HCH	5354	198	2369	315	2369	0	0	198	0	0	140		0	0	0				26.41 kg	0.026	
78	2	DH20_R (S)	HCH	5372	198	2378	315	2378	0	0	198	0	0	140		0	0	0				26.50 kg	0.026	
79	2	DH20_R (S)	HCH	5393	198	2388	315	2388	0	0	198	0	0	140		0	0	0				26.60 kg	0.027	
80	2	DH20_R (S)	L1	4508	191	315	1821	315	1821	0	191	0		119		0	0	0				22.23 kg	0.022	
81	3	DH20_R (S)	HCH	5432	198	2408	315	2408	0	0	198	0	0	140		0	0	0				40.19 kg	0.040	
82	3	DH20_R (S)	HCH	5449	198	2416	315	2416	0	0	198	0	0	140		0	0	0				40.31 kg	0.040	
83	2	DH20_R (S)	L1	4531	191	315	1833	315	1833	0	191	0		119		0	0	0				22.35 kg	0.022	
84	1	DH20_R (S)	HCH	5483	198	2433	315	2433	0	0	198	0	0	140		0	0	0				13.52 kg	0.014	
85	2	DH20_R (S)	HCH	5503	198	2443	315	2443	0	0	198	0	0	140		0	0	0				27.14 kg	0.027	
TOTAL WEIGHT																					1271.15 kg		1.271	


<table border="1"> <tr><td>2</td><td>HO</td><td>23.09.2023</td><td>REVISED AS PER COMMENTS</td><td>-</td></tr> <tr><td>1</td><td>HO</td><td>18.09.2023</td><td>REVISED AS PER COMMENTS</td><td>-</td></tr> <tr><td>0</td><td>HO</td><td>26.08.2023</td><td>ISSUED FOR APPROVAL</td><td>-</td></tr> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </table>				2	HO	23.09.2023	REVISED AS PER COMMENTS	-	1	HO	18.09.2023	REVISED AS PER COMMENTS	-	0	HO	26.08.2023	ISSUED FOR APPROVAL	-	REV.	BY	DATE	DESCRIPTION	APPD.	SCALES DESIGNER CLIENT	DISCLAIMER The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.	SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-14 REV 2
2	HO	23.09.2023	REVISED AS PER COMMENTS	-																								
1	HO	18.09.2023	REVISED AS PER COMMENTS	-																								
0	HO	26.08.2023	ISSUED FOR APPROVAL	-																								
REV.	BY	DATE	DESCRIPTION	APPD.																								
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																												

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	02
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	23.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
86	3	DH20_R (S)	HCH	5536	198	2460	315	2460	0	0	198	0	0	140		0	0	0				40.96 kg	0.041
87	4	DH20_R (S)	L1	3768	191	315	1451	315	1451	0	191	0		119		0	0	0				37.17 kg	0.037
88	2	DH20_R (S)	HCH	5590	198	2487	315	2487	0	0	198	0	0	140		0	0	0				27.57 kg	0.028
89	2	DH20_R (S)	HCH	5608	198	2496	315	2496	0	0	198	0	0	140		0	0	0				27.66 kg	0.028
90	2	DH20_R (S)	HCH	5627	198	2505	315	2505	0	0	198	0	0	140		0	0	0				27.75 kg	0.028
91	2	DH20_R (S)	HCH	5648	198	2516	315	2516	0	0	198	0	0	140		0	0	0				27.86 kg	0.028
92	3	DH20_R (S)	HCH	5638	198	2511	315	2511	0	0	198	0	0	140		0	0	0				41.71 kg	0.042
93	3	DH20_R (S)	HCH	5612	198	2498	315	2498	0	0	198	0	0	140		0	0	0				41.52 kg	0.042
94	3	DH20_R (S)	HCH	5585	198	2484	315	2484	0	0	198	0	0	140		0	0	0				41.32 kg	0.041
95	3	DH20_R (S)	L1	3805	191	315	1470	315	1470	0	191	0		119		0	0	0				28.15 kg	0.028
96	3	DH20_R (S)	HCH	5529	198	2456	315	2456	0	0	198	0	0	140		0	0	0				40.91 kg	0.041
97	3	DH20_R (S)	HCH	5503	198	2443	315	2443	0	0	198	0	0	140		0	0	0				40.71 kg	0.041
98	2	DH20_R (S)	L1	4546	191	315	1840	315	1840	0	191	0		119		0	0	0				22.42 kg	0.022
99	3	DH20_R (S)	HCH	5449	198	2416	315	2416	0	0	198	0	0	140		0	0	0				40.31 kg	0.040
100	3	DH20_R (S)	HCH	5431	198	2407	315	2407	0	0	198	0	0	140		0	0	0				40.18 kg	0.040
101	2	DH20_R (S)	L1	4522	191	315	1828	315	1828	0	191	0		119		0	0	0				22.30 kg	0.022
102	3	DH20_R (S)	HCH	5387	198	2385	315	2385	0	0	198	0	0	140		0	0	0				39.86 kg	0.040
103	2	DH20_R (S)	HCH	5359	198	2371	315	2371	0	0	198	0	0	140		0	0	0				26.43 kg	0.026
104	1	DH20_R (S)	HCH	5337	198	2360	315	2360	0	0	198	0	0	140		0	0	0				13.16 kg	0.013
105	2	DH20_R (S)	L1	4487	191	315	1811	315	1811	0	191	0		119		0	0	0				22.13 kg	0.022
106	3	DH20_R (S)	HCH	5309	198	2346	315	2346	0	0	198	0	0	140		0	0	0				39.28 kg	0.039
107	4	DH20_R (S)	L1	4480	191	315	1807	315	1807	0	191	0		119		0	0	0				44.19 kg	0.044
108	3	DH20_R (S)	HCH	5245	198	2314	315	2314	0	0	198	0	0	140		0	0	0				38.80 kg	0.039
109	2	DH20_R (S)	HCH	5217	198	2300	315	2300	0	0	198	0	0	140		0	0	0				25.73 kg	0.026
110	3	DH20_R (S)	HCH	5198	198	2291	315	2291	0	0	198	0	0	140		0	0	0				38.46 kg	0.038
111	3	DH20_R (S)	HCH	5169	198	2276	315	2276	0	0	198	0	0	140		0	0	0				38.24 kg	0.038
112	3	DH20_R (S)	HCH	5152	198	2268	315	2268	0	0	198	0	0	140		0	0	0				38.12 kg	0.038
113	3	DH20_R (S)	HCH	5131	198	2257	315	2257	0	0	198	0	0	140		0	0	0				37.96 kg	0.038
114	3	DH20_R (S)	HCH	5083	198	2233	315	2233	0	0	198	0	0	140		0	0	0				37.61 kg	0.038
115	3	DH20_R (S)	HCH	5055	198	2219	315	2219	0	0	198	0	0	140		0	0	0				37.40 kg	0.037
116	1	DH20_R (S)	HCH	5045	198	2212	320	2212	0	0	198	0	0	140		0	0	0				12.44 kg	0.012
117	1	DH20_R (S)	HCH	5042	198	2207	325	2207	0	0	198	0	0	140		0	0	0				12.43 kg	0.012
117a	1	DH20_R (S)	HCH	5033	198	2203	325	2203	0	0	198	0	0	140		0	0	0				12.41 kg	0.012
117b	1	DH20_R (S)	HCH	5022	198	2198	325	2198	0	0	198	0	0	140		0	0	0				12.39 kg	0.012
118a	1	DH32	99c	7060	700	4310	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.57 kg	0.045
118b	1	DH32	99c	7123	700	4374	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.97 kg	0.045
118c	1	DH32	99c	7215	700	4466	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.55 kg	0.046
118d	1	DH32	99c	7265	700	4515	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.87 kg	0.046
118e	1	DH32	99c	7384	700	4634	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.62 kg	0.047
118f	1	DH32	99c	7424	700	4674	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.87 kg	0.047
119a	1	DH32 - ALT.	99c	10088	700	7339	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		63.69 kg	0.064
119b	1	DH32 - ALT.	99c	10142	700	7393	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		64.03 kg	0.064
119c	1	DH32 - ALT.	99c	10240	700	7491	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		64.65 kg	0.065
119d	1	DH32 - ALT.	99c	10350	700	7601	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		65.34 kg	0.065
119e	1	DH32 - ALT.	99c	10404	700	7654	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		65.68 kg	0.066
TOTAL WEIGHT																						1673.40 kg	1.673

REV.	BY	DATE	DESCRIPTION	APPD.
2	HO	23.09.2023	REVISED AS PER COMMENTS	-
1	HO	18.09.2023	REVISED AS PER COMMENTS	-
0	HO	26.08.2023	ISSUED FOR APPROVAL	-

SCALES	DESIGNER	CLIENT


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SERVICE PROVIDER	

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DRG CHECK
DESIGN CHECK
APPROVED

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)			
ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE			
STATUS:	ISSUED FOR APPROVAL	SHEET	(C)
DRG No	ST-M-D-15	REV	2


PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	01
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	18.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
120	6	DH32	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				454.56 kg	0.455
121	5	DH32 - ALT.	S	6000	6000	0	0	0	0	0	0	0		0		0	0	0				189.40 kg	0.189
122a	1	DH32	99c	7424	700	4675	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.87 kg	0.047
122b	1	DH32	99c	7357	700	4607	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.45 kg	0.046
122c	1	DH32	99c	7266	700	4516	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.87 kg	0.046
122d	1	DH32	99c	7221	700	4471	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.59 kg	0.046
122e	1	DH32	99c	7097	700	4347	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.81 kg	0.045
122f	1	DH32	99c	7039	700	4290	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.44 kg	0.044
123a	1	DH32 - ALT.	99c	10392	700	7643	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		65.61 kg	0.066
123b	1	DH32 - ALT.	99c	10344	700	7595	438	1700	0	0	0	74		432		0	0	0	5.01°	5.01°		65.31 kg	0.065
123c	1	DH32 - ALT.	99c	10240	700	7491	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		64.65 kg	0.065
123d	1	DH32 - ALT.	99c	10130	700	7380	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		63.95 kg	0.064
123e	1	DH32 - ALT.	99c	10076	700	7327	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		63.61 kg	0.064
124a	1	DH32	99c	6896	516	4331	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		43.54 kg	0.044
124b	1	DH32	99c	7211	516	4645	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.53 kg	0.046
125a	1	DH32 - ALT.	99c	10043	516	7477	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		63.40 kg	0.063
125b	1	DH32 - ALT.	99c	10348	516	7783	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		65.33 kg	0.065
126	2	DH32	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				151.52 kg	0.152
127	2	DH32 - ALT.	S	6000	6000	0	0	0	0	0	0	0		0		0	0	0				75.76 kg	0.076
128a	1	DH32	99c	7139	516	4574	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.07 kg	0.045
128b	1	DH32	99c	6814	516	4248	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		43.02 kg	0.043
129a	1	DH32 - ALT.	99c	9992	516	7427	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		63.08 kg	0.063
129b	1	DH32 - ALT.	99c	9687	516	7122	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		61.16 kg	0.061
130	2	DH25	99d	6201	380	4264	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	47.79 kg	0.048
131	2	DH25 - ALT.	99d	9201	380	7264	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	70.91 kg	0.071
132	4	DH25	S	12000	12000	0	0	0	0	0	0	0		0		0	0	0				184.96 kg	0.185
133	4	DH25 - ALT.	S	6000	6000	0	0	0	0	0	0	0		0		0	0	0				92.48 kg	0.092
134	2	DH25	99e	6580	404	4620	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	50.71 kg	0.051
135	2	DH25 - ALT.	99e	9580	404	7620	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	73.83 kg	0.074
136	2	DH25	99e	6580	404	4620	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	50.71 kg	0.051
137	2	DH25 - ALT.	99e	9580	404	7620	353	1251	0	0	0	60	421	348	81	0	0	0	105.00°	5.07°	5.07°	73.83 kg	0.074
138	2	DH25	99d	6201	380	4264	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	47.79 kg	0.048
139	2	DH25 - ALT.	99d	9201	380	7264	353	1251	0	0	0	60	367	348	98	0	0	0	75.00°	5.07°	5.07°	70.91 kg	0.071
140a	1	DH32	L	5355	700	4740	0	0	0	0	0	0		0		0	0	0				33.81 kg	0.034
140b	1	DH32	L	5419	700	4804	0	0	0	0	0	0		0		0	0	0				34.21 kg	0.034
140c	1	DH32	L	5516	700	4901	0	0	0	0	0	0		0		0	0	0				34.82 kg	0.035
140d	1	DH32	L	5565	700	4950	0	0	0	0	0	0		0		0	0	0				35.13 kg	0.035
140e	1	DH32	L	5682	700	5067	0	0	0	0	0	0		0		0	0	0				35.87 kg	0.036
140f	1	DH32	L	5722	700	5107	0	0	0	0	0	0		0		0	0	0				36.12 kg	0.036
141a	1	DH32 - ALT.	99c	7090	700	4341	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		44.76 kg	0.045
141b	1	DH32 - ALT.	99c	7144	700	4395	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.10 kg	0.045
141c	1	DH32 - ALT.	99c	7242	700	4493	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		45.72 kg	0.046
141d	1	DH32 - ALT.	99c	7352	700	4603	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.42 kg	0.046
141e	1	DH32 - ALT.	99c	7404	700	4654	438	1701	0	0	0	74		432		0	0	0	5.01°	5.01°		46.74 kg	0.047
142	6	DH32	HJ	8552	0	1701	438	6417	0	0	0	74		432		0	0	0	5.01°	5.01°		323.95 kg	0.324
TOTAL WEIGHT																						3425.12 kg	3.425

<table border="1"> <tr><td>1</td><td>HO</td><td>18.09.2023</td><td>REVISED AS PER COMMENTS</td></tr> <tr><td>0</td><td>HO</td><td>26.08.2023</td><td>ISSUED FOR APPROVAL</td></tr> <tr><td>REV.</td><td>BY</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td>A3 Original</td><td>Co-ordinate System: WANGTM2000</td><td>Datum: NZGD2000</td><td>This sheet may be prepared using colour and may be incomplete if copied</td></tr> </table>				1	HO	18.09.2023	REVISED AS PER COMMENTS	0	HO	26.08.2023	ISSUED FOR APPROVAL	REV.	BY	DATE	DESCRIPTION	A3 Original	Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied	SCALES DESIGNER CLIENT	DISCLAIMER SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-16 REV 1
1	HO	18.09.2023	REVISED AS PER COMMENTS																				
0	HO	26.08.2023	ISSUED FOR APPROVAL																				
REV.	BY	DATE	DESCRIPTION																				
A3 Original	Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied																				


PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	01
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	18.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
143	5	DH32 - ALT.	S	12000	12000	0	0	0	0	0	0	0		0	0	0	0	0				378.80 kg	0.379
144	6	DH32	HJ2	8553	1701	438	4284	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		323.99 kg	0.324
145a	1	DH32	L	5725	700	5110	0	0	0	0	0	0		0	0	0	0	0				36.14 kg	0.036
145b	1	DH32	L	5662	700	5047	0	0	0	0	0	0		0	0	0	0	0				35.75 kg	0.036
145c	1	DH32	L	5568	700	4953	0	0	0	0	0	0		0	0	0	0	0				35.15 kg	0.035
145d	1	DH32	L	5517	700	4902	0	0	0	0	0	0		0	0	0	0	0				34.83 kg	0.035
145e	1	DH32	L	5395	700	4780	0	0	0	0	0	0		0	0	0	0	0				34.06 kg	0.034
145f	1	DH32	L	5338	700	4723	0	0	0	0	0	0		0	0	0	0	0				33.70 kg	0.034
146a	1	DH32 - ALT.	99c	7394	700	4645	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		46.68 kg	0.047
146b	1	DH32 - ALT.	99c	7342	700	4593	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		46.35 kg	0.046
146c	1	DH32 - ALT.	99c	7242	700	4493	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		45.72 kg	0.046
146d	1	DH32 - ALT.	99c	7129	700	4380	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		45.01 kg	0.045
146e	1	DH32 - ALT.	99c	7077	700	4328	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		44.68 kg	0.045
147a	1	DH32	L	5156	516	4725	0	0	0	0	0	0		0	0	0	0	0				32.55 kg	0.033
147b	1	DH32	L	5471	516	5040	0	0	0	0	0	0		0	0	0	0	0				34.54 kg	0.035
148a	1	DH32 - ALT.	99c	6789	516	4224	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		42.86 kg	0.043
148b	1	DH32 - ALT.	99c	7095	516	4530	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		44.79 kg	0.045
149	2	DH32	HJ	8552	0	1701	438	6417	0	0	0	74		432	0	0	0	0	5.01°	5.01°		107.98 kg	0.108
150	2	DH32 - ALT.	S	12000	12000	0	0	0	0	0	0	0		0	0	0	0	0				151.52 kg	0.152
151	2	DH32	HJ2	8553	1701	438	4284	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		108.00 kg	0.108
152a	1	DH32	L	5398	516	4967	0	0	0	0	0	0		0	0	0	0	0				34.08 kg	0.034
152b	1	DH32	L	5088	516	4657	0	0	0	0	0	0		0	0	0	0	0				32.12 kg	0.032
153a	1	DH32 - ALT.	99c	7168	516	4602	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		45.25 kg	0.045
153b	1	DH32 - ALT.	99c	6865	516	4300	438	1701	0	0	0	74		432	0	0	0	0	5.01°	5.01°		43.34 kg	0.043
154	7	DH16 (L-BAR)	L	1750	1075	714	0	0	0	0	0	0		0	0	0	0	0				19.33 kg	0.019
155	6	DH16 (L-BAR)	L	1760	1075	724	0	0	0	0	0	0		0	0	0	0	0				16.67 kg	0.017
156	6	DH16 (L-BAR)	L	1773	1075	737	0	0	0	0	0	0		0	0	0	0	0				16.79 kg	0.017
157	6	DH16 (L-BAR)	L	1785	1075	749	0	0	0	0	0	0		0	0	0	0	0				16.90 kg	0.017
158	8	DH16 (L-BAR)	L	1802	1075	766	0	0	0	0	0	0		0	0	0	0	0				22.75 kg	0.023
159	3	DH16 (L-BAR)	L	1813	1075	777	0	0	0	0	0	0		0	0	0	0	0				8.58 kg	0.009
160	2	DH16 (L-BAR)	L	1208	465	782	0	0	0	0	0	0		0	0	0	0	0				3.81 kg	0.004
161	2	DH16 (L-BAR)	L	1150	400	790	0	0	0	0	0	0		0	0	0	0	0				3.63 kg	0.004
162	1	DH16 (L-BAR)	L	1305	535	810	0	0	0	0	0	0		0	0	0	0	0				2.06 kg	0.002
163	4	DH16 (L-BAR)	L	1845	1075	810	0	0	0	0	0	0		0	0	0	0	0				11.65 kg	0.012
164	6	DH16 (L-BAR)	L	1858	1075	822	0	0	0	0	0	0		0	0	0	0	0				17.60 kg	0.018
165	4	DH16 (L-BAR)	L	1862	1075	826	0	0	0	0	0	0		0	0	0	0	0				11.76 kg	0.012
166	6	DH16 (L-BAR)	L	1866	1075	830	0	0	0	0	0	0		0	0	0	0	0				17.67 kg	0.018
167	6	DH16 (L-BAR)	L	1875	1075	839	0	0	0	0	0	0		0	0	0	0	0				17.76 kg	0.018
168	6	DH16 (L-BAR)	L	1882	1075	846	0	0	0	0	0	0		0	0	0	0	0				17.82 kg	0.018
169	6	DH16 (L-BAR)	L	1888	1075	852	0	0	0	0	0	0		0	0	0	0	0				17.88 kg	0.018
170	3	DH16 (L-BAR)	L	1849	1075	813	0	0	0	0	0	0		0	0	0	0	0				8.76 kg	0.009
171	1	DH16 (L-BAR)	L	1824	1075	788	0	0	0	0	0	0		0	0	0	0	0				2.88 kg	0.003
172	2	DH16 (L-BAR)	L	1139	400	778	0	0	0	0	0	0		0	0	0	0	0				3.60 kg	0.004
173	1	DH16 (L-BAR)	L	1195	465	769	0	0	0	0	0	0		0	0	0	0	0				1.89 kg	0.002
174	1	DH16 (L-BAR)	L	1332	605	766	0	0	0	0	0	0		0	0	0	0	0				2.10 kg	0.002
TOTAL WEIGHT																					2059.79 kg	2.060	

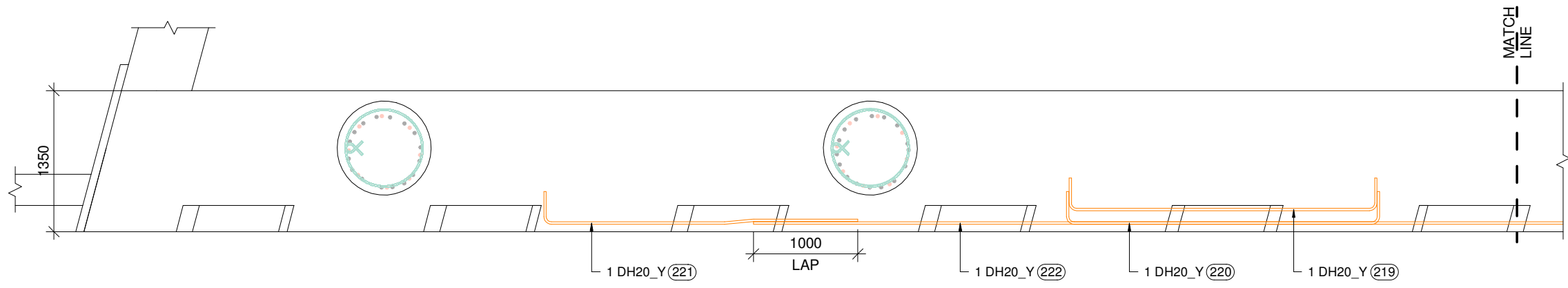
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-17 REV 1			
1 HO 18.09.2023 REVISED AS PER COMMENTS 0 HO 26.08.2023 ISSUED FOR APPROVAL REV. BY DATE DESCRIPTION APPD.												SERVICE PROVIDER  DRAWN _____ DESIGNED _____ DRG CHECK _____ DESIGN CHECK _____ APPROVED _____							
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																			

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	03
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD DOWNSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	28.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	Ø1	Ø2	Ø3	Weight Kg	Weight Tons
175	2	DH16	99k	3385	153	2171	1100	0	0	0	0	141		0		0	0	0				10.69 kg	0.011
176	1	DH16	99k	3387	153	2173	1100	0	0	0	0	141		0		0	0	0				5.35 kg	0.005
177	4	DH16	99k	3393	153	2179	1100	0	0	0	0	141		0		0	0	0				21.42 kg	0.021
178	1	DH16	99k	3425	153	2211	1100	0	0	0	0	141		0		0	0	0				5.41 kg	0.005
179	3	DH16	99k	3458	153	2244	1100	0	0	0	0	141		0		0	0	0				16.37 kg	0.016
180	1	DH16	99k	2949	153	2260	575	0	0	0	0	141		0		0	0	0				4.65 kg	0.005
181	1	DH16	99k	2833	153	2263	455	0	0	0	0	141		0		0	0	0				4.47 kg	0.004
182	1	DH16	99k	2774	153	2269	390	0	0	0	0	141		0		0	0	0				4.38 kg	0.004
183	1	DH16	99k	2845	153	2276	455	0	0	0	0	141		0		0	0	0				4.49 kg	0.004
184	1	DH16	99k	2968	153	2279	575	0	0	0	0	141		0		0	0	0				4.68 kg	0.005
185	6	DH16	HL	3927	1100	1805	0	0	0	0	1100	0		0		0	0	0				37.19 kg	0.037
186	1	DH16	99k	3544	153	2330	1100	0	0	0	0	141		0		0	0	0				5.59 kg	0.006
187	2	DH16	99k	3559	153	2345	1100	0	0	0	0	141		0		0	0	0				11.23 kg	0.011
188	4	DH16	HL	3934	1100	1812	0	0	0	0	1100	0		0		0	0	0				24.84 kg	0.025
189	1	DH16	HL	3953	1100	1831	0	0	0	0	1100	0		0		0	0	0				6.24 kg	0.006
189a	1	DH16	99k	3610	153	2396	1100	0	0	0	0	141		0		0	0	0				5.70 kg	0.006
190	1	DH16	99k	3089	153	2400	575	0	0	0	0	141		0		0	0	0				4.88 kg	0.005
191	1	DH16	99k	2972	153	2403	455	0	0	0	0	141		0		0	0	0				4.69 kg	0.005
192	1	DH16	99k	2914	153	2409	390	0	0	0	0	141		0		0	0	0				4.60 kg	0.005
193	1	DH16	HL	3317	455	1840	0	0	0	0	1100	0		0		0	0	0				5.24 kg	0.005
194	1	DH16	HL	3437	575	1840	0	0	0	0	1100	0		0		0	0	0				5.42 kg	0.005
195	1	DH16	HL	3369	512	1835	0	0	0	0	1100	0		0		0	0	0				5.32 kg	0.005
196	3	DH16	HL	3570	1100	1448	0	0	0	0	1100	0		0		0	0	0				16.90 kg	0.017
197	2	DH16	99k	3707	153	2492	1100	0	0	0	0	141		0		0	0	0				11.70 kg	0.012
198	3	DH16	99k	3717	153	2503	1100	0	0	0	0	141		0		0	0	0				17.60 kg	0.018
199	3	DH16	HL	3592	1100	1470	0	0	0	0	1100	0		0		0	0	0				17.01 kg	0.017
200	2	DH16	HL	3952	1100	1830	0	0	0	0	1100	0		0		0	0	0				12.48 kg	0.012
201	1	DH16	99k	3639	153	2425	1100	0	0	0	0	141		0		0	0	0				5.74 kg	0.006
202	1	DH16	99k	3108	153	2419	575	0	0	0	0	141		0		0	0	0				4.91 kg	0.005
203	1	DH16	99k	2985	153	2415	455	0	0	0	0	141		0		0	0	0				4.71 kg	0.005
204	1	DH16	99k	2913	153	2409	390	0	0	0	0	141		0		0	0	0				4.60 kg	0.005
205	1	DH16	HL	3307	455	1830	0	0	0	0	1100	0		0		0	0	0				5.22 kg	0.005
206	1	DH16	HL	3499	647	1830	0	0	0	0	1100	0		0		0	0	0				5.52 kg	0.006
207	3	DH16	99k	3567	153	2353	1100	0	0	0	0	141		0		0	0	0				16.89 kg	0.017
208	2	DH16	99k	3501	153	2287	1100	0	0	0	0	141		0		0	0	0				11.05 kg	0.011
209	1	DH16	99k	2968	153	2279	575	0	0	0	0	141		0		0	0	0				4.68 kg	0.005
210	1	DH16	99k	2845	153	2276	455	0	0	0	0	141		0		0	0	0				4.49 kg	0.004
211	1	DH16	99k	2774	153	2269	390	0	0	0	0	141		0		0	0	0				4.38 kg	0.004
212	1	DH16	99k	2832	153	2263	455	0	0	0	0	141		0		0	0	0				4.47 kg	0.004
213	1	DH16	99k	2949	153	2259	575	0	0	0	0	141		0		0	0	0				4.65 kg	0.005
214	1	DH16	99k	3469	153	2255	1100	0	0	0	0	141		0		0	0	0				5.48 kg	0.005
215	2	DH16	99k	3395	153	2191	1089	0	0	0	0	141		0		0	0	0				10.72 kg	0.011
216	3	DH16	99k	3717	153	2503	1100	0	0	0	0	141		0		0	0	0				17.60 kg	0.018
217	2	DH16	99k	3707	153	2492	1100	0	0	0	0	141		0		0	0	0				11.70 kg	0.012
218	2	DH16	99k	3387	153	2173	1100	0	0	0	0	141		0		0	0	0				10.69 kg	0.011
TOTAL WEIGHT																					416.04 kg	0.416	

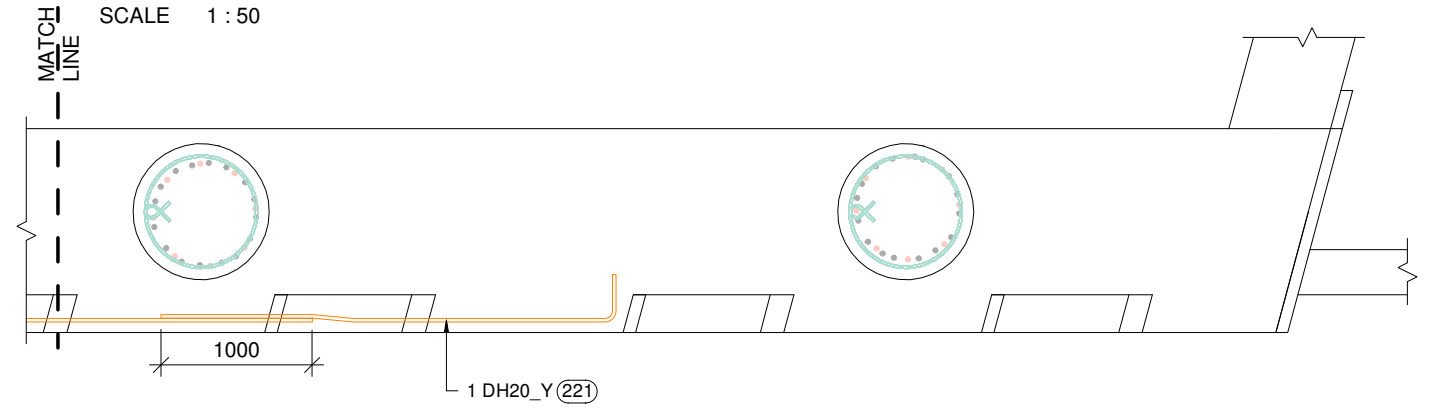
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REV.	BY	DATE	DESCRIPTION	APPD.																													
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2	HO	23.09.2023	REVISED AS PER COMMENTS	-																													
1	HO	18.09.2023	REVISED AS PER COMMENTS	-																													
0	HO	26.08.2023	ISSUED FOR APPROVAL	-																													
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																																	

KEY LEGEND	
1	DIA - 00
0	01
0	01
	BAR POSITION
	BAR MARK
	SPACING
	BAR DIAMETER
	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



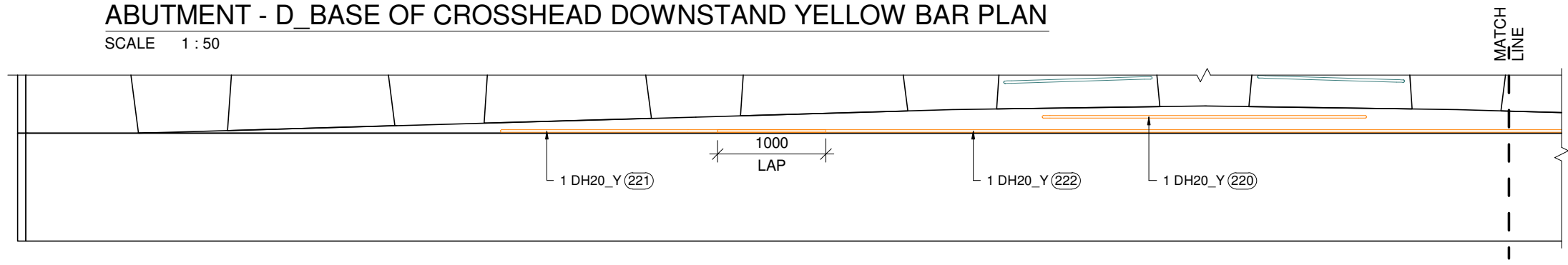
ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND YELLOW BAR PLAN

SCALE 1 : 50



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND YELLOW BAR PLAN

SCALE 1 : 50



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND YELLOW BAR ELEVATION

SCALE 1 : 50

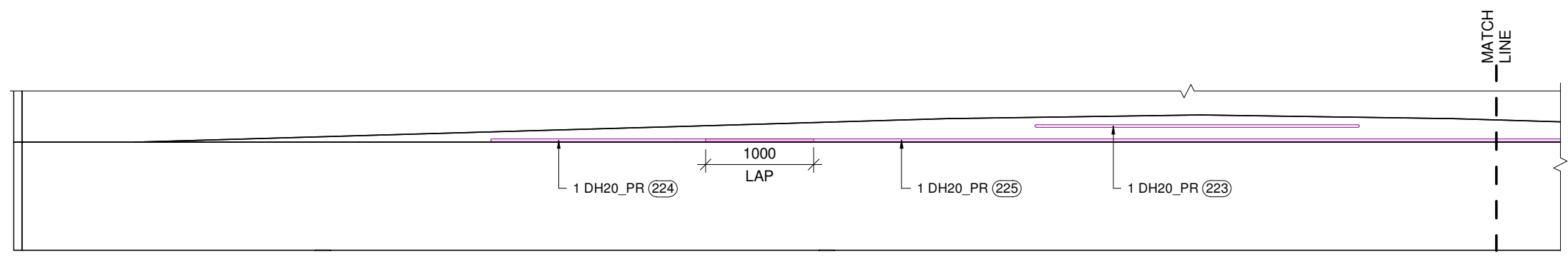


ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND YELLOW BAR ELEVATION

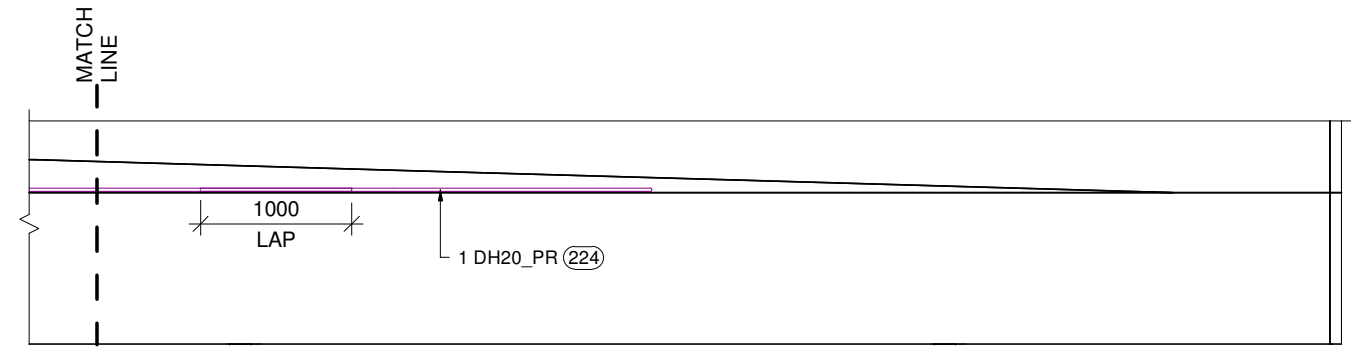
SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD DOWNSTAND 3/DH20 (YELLOW BARS) REINFORCEMENT DETAIL
							SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ..... SHEET ..... (C) DRG No ST-M-D-19 REV 0
0	HO	18.09.2023	ISSUED FOR APPROVAL					
REV.	BY	DATE	DESCRIPTION	APPD.				
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied					

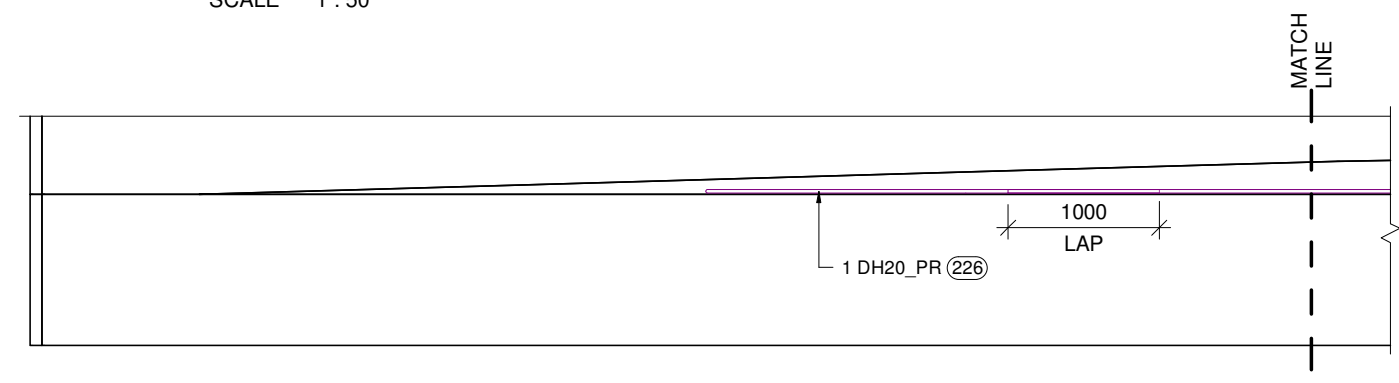
KEY LEGEND	
1	DIA
-00	BAR POSITION
01	BAR MARK
0	SPACING
01	BAR DIAMETER
0	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



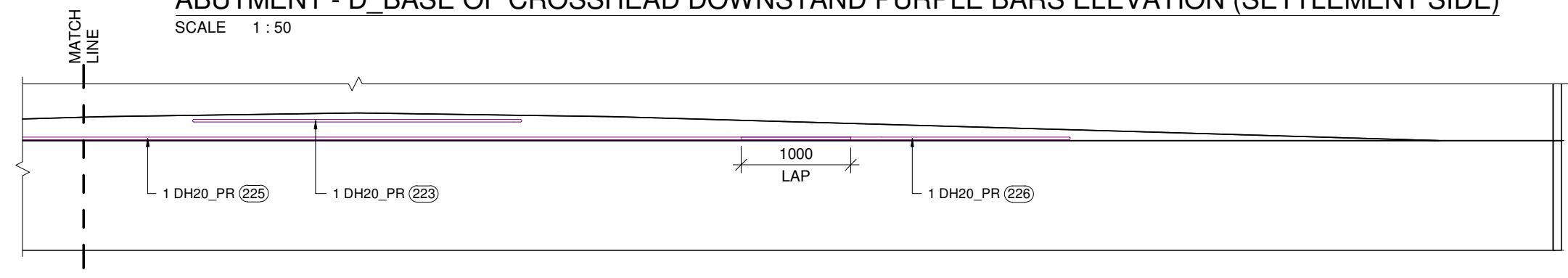
ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND PURPLE BARS ELEVATION (T-BEAM SIDE)
SCALE 1 : 50



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND PURPLE BARS ELEVATION (T-BEAM SIDE)
SCALE 1 : 50



ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND PURPLE BARS ELEVATION (SETTLEMENT SIDE)
SCALE 1 : 50

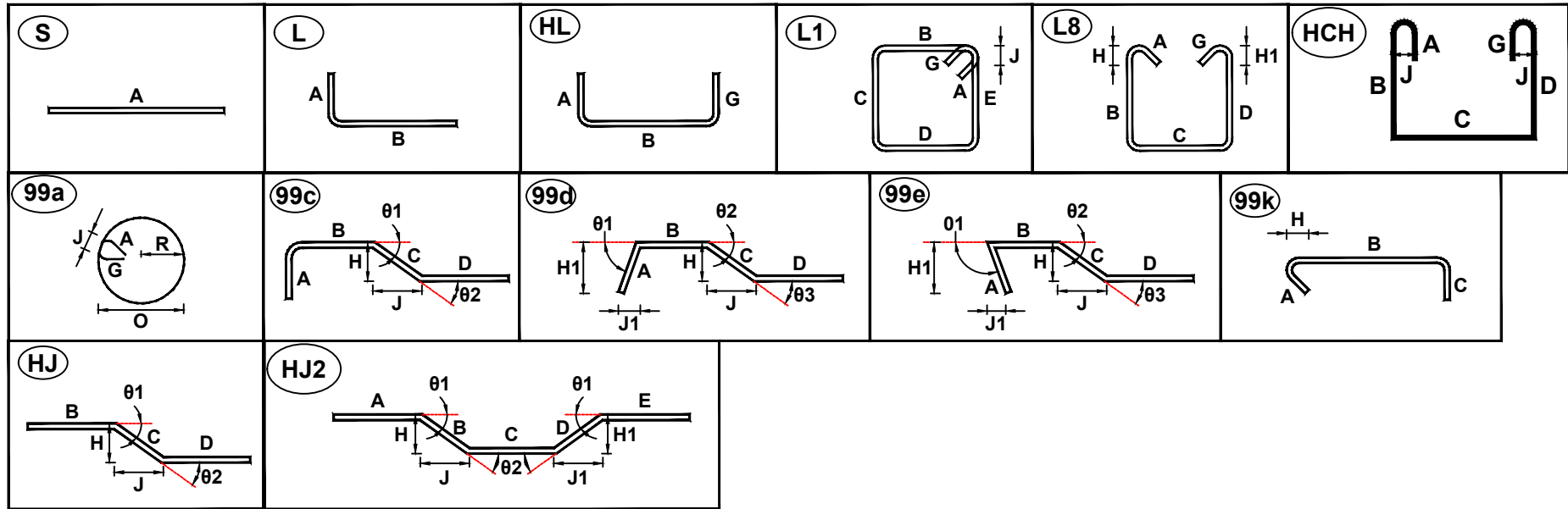


ABUTMENT - D_BASE OF CROSSHEAD DOWNSTAND PURPLE BARS ELEVATION (SETTLEMENT SIDE)
SCALE 1 : 50

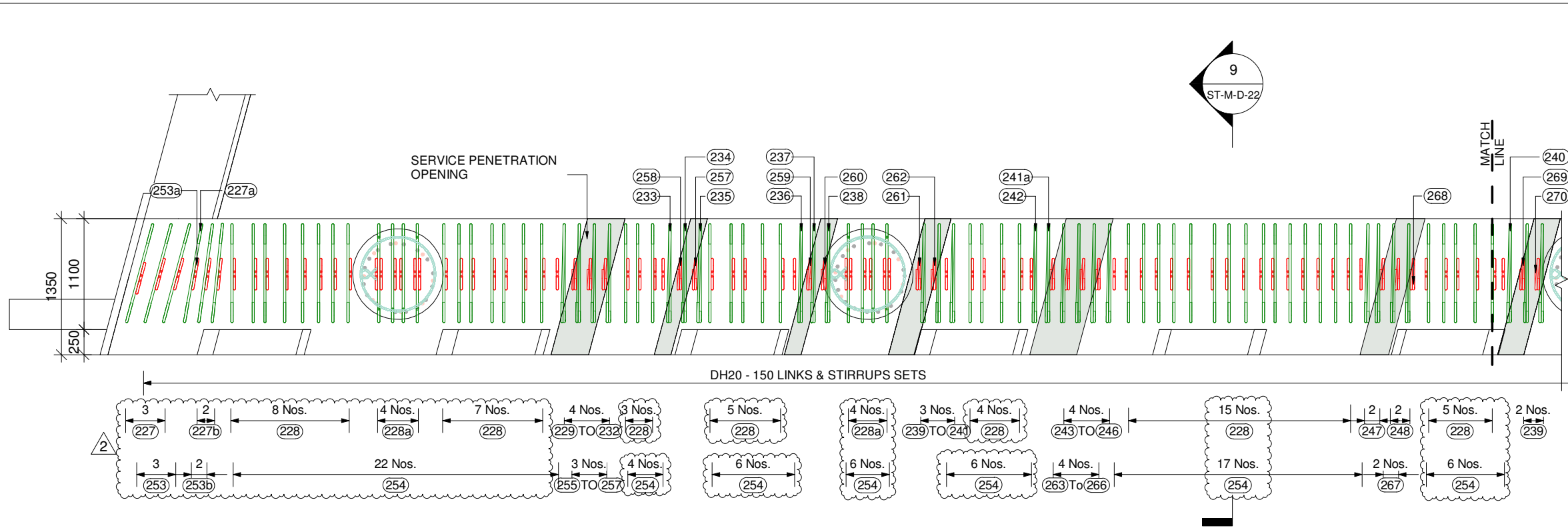
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0	HO	18.09.2023	ISSUED FOR APPROVAL	-													
REV.	BY	DATE	DESCRIPTION	APPD.													
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																	

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)

ABUTMENT - D_DOWNSTAND

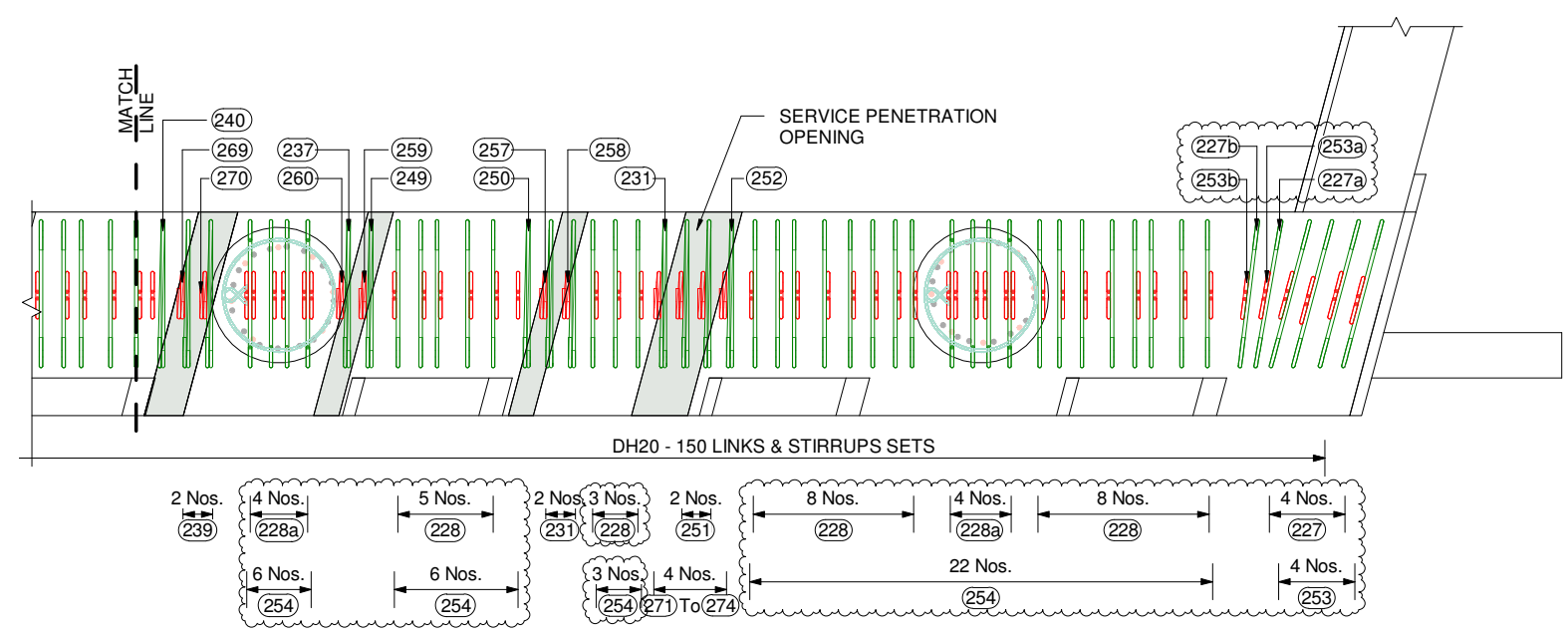


ALL LENGTHS OF REBAR IS OUT SIDE TO OUT SIDE.

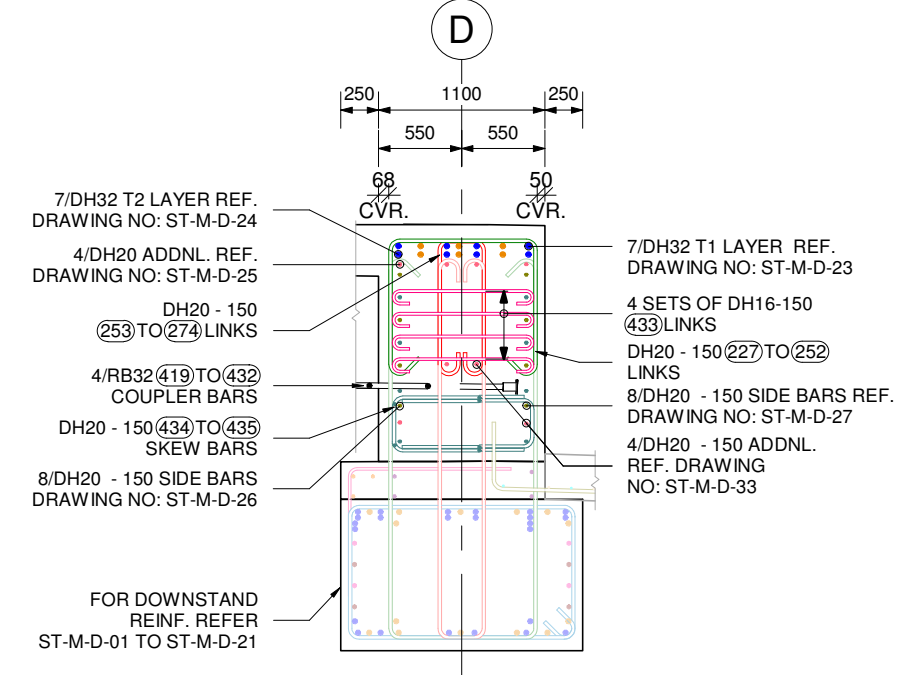


KEY LEGEND	
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01	BAR POSITION
01	BAR MARK
01	SPACING
01	BAR DIAMETER
01	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK

ABUTMENT - D_CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN
SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN
SCALE 1 : 50



9 SECTION
ST-M-D-22 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
2	RK	21.11.2023	REVISED AS PER COMMENTS	-
1	HO	02.11.2023	REVISED AS PER COMMENTS	-
0	HO	29.09.2023	ISSUED FOR APPROVAL	-

SCALES	

DESIGNER
CLIENT

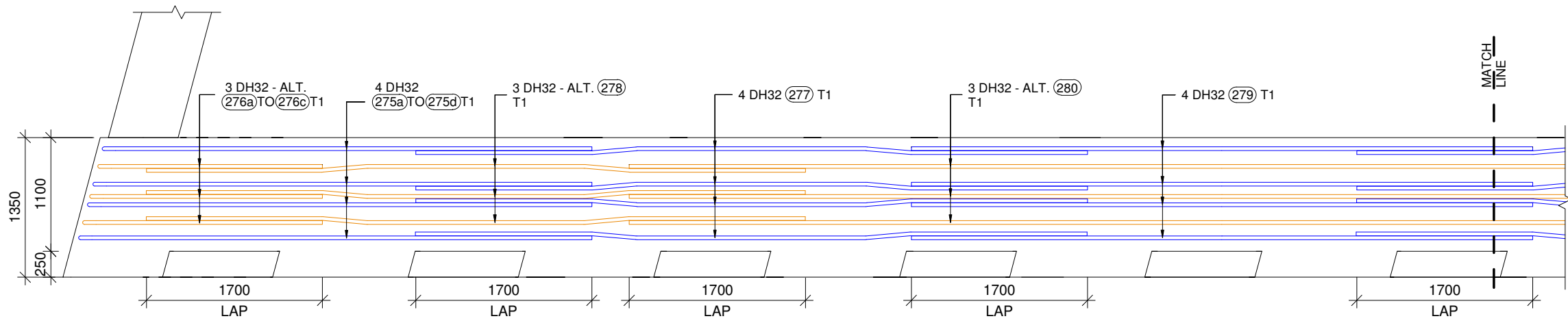
DISCLAIMER
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SERVICE PROVIDER
SILICON
Engineering Consultants Ltd

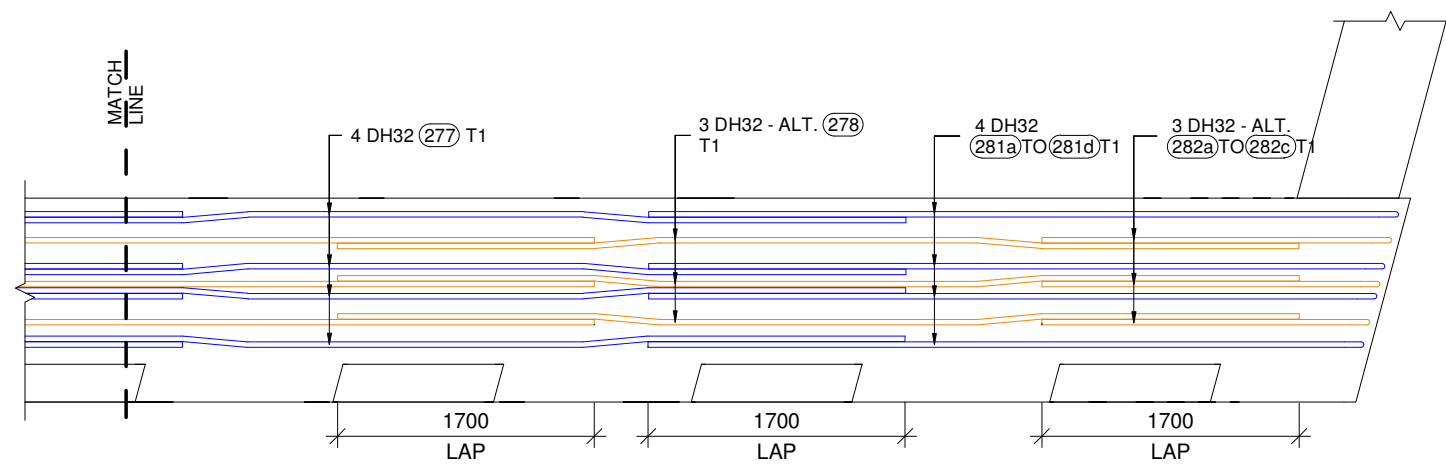
DRAWN
DESIGNED
DRG CHECK
DESIGN CHECK	.....
APPROVED	.....

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	
ABUTMENT - D_CROSSHEAD UPSTAND LINKS & STIRRUPS / U-BAR SETS REINFORCEMENT PLAN	
STATUS: ISSUED FOR APPROVAL	SHEET (C)
DRG No ST-M-D-22	REV 2

KEY LEGEND	
1	DIA
-00	BAR POSITION
01	BAR MARK
0	SPACING
01	BAR DIAMETER
0	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND T1 LAYER REINFORCEMENT PLAN
SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND T1 LAYER REINFORCEMENT PLAN
SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
0	HO	29.09.2023	ISSUED FOR APPROVAL	-


SCALES

DESIGNER

CLIENT

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SERVICE PROVIDER



DRAWN

DESIGNED

DRG CHECK

DESIGN CHECK

APPROVED

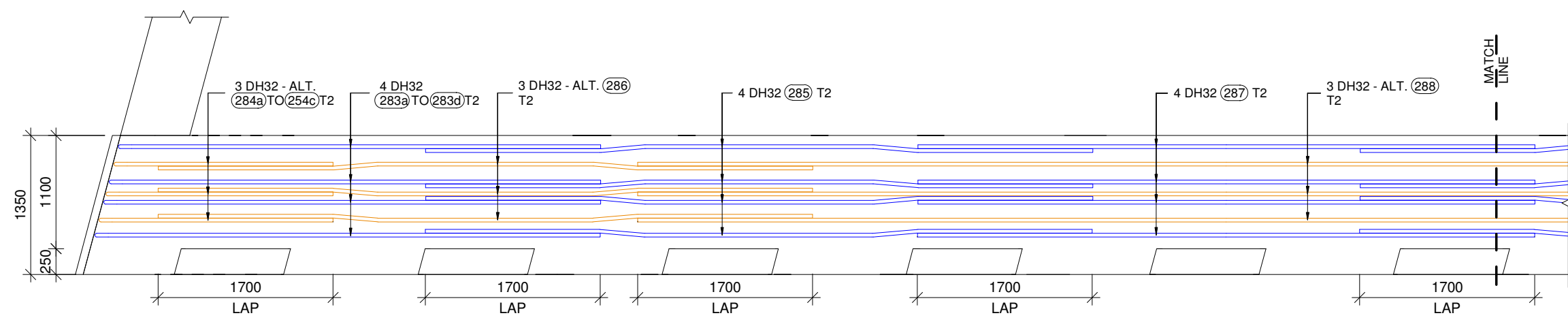
PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)			
ABUTMENT - D_CROSSHEAD UPSTAND T1 LAYER REINFORCEMENT PLAN			
STATUS:	ISSUED FOR APPROVAL	SHEET	(C)
DRG No	ST-M-D-23	REV	0

A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied

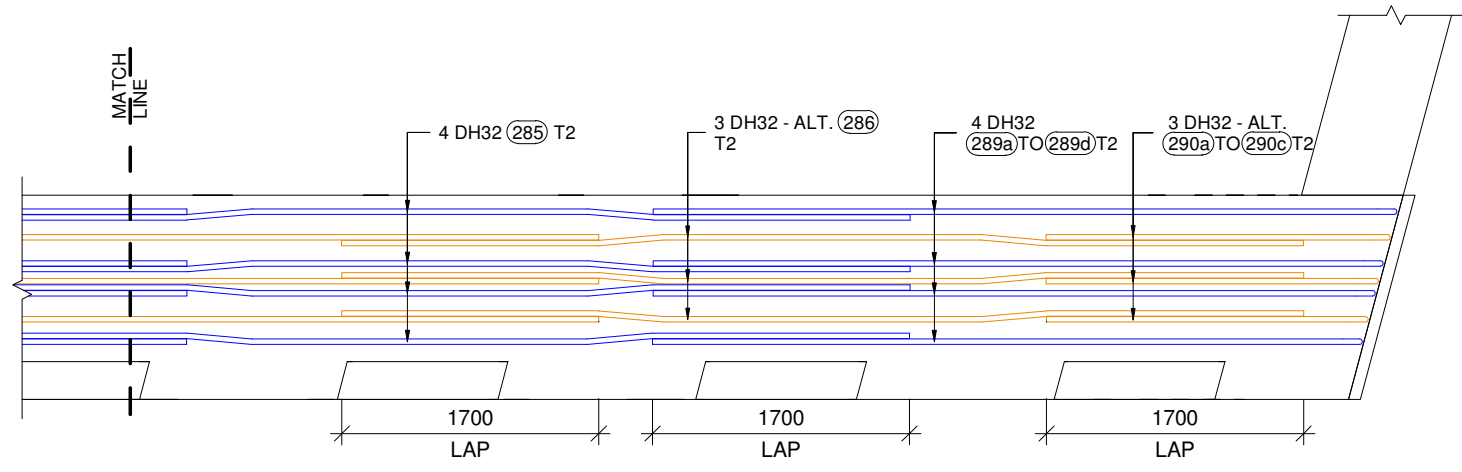
KEY LEGEND

1 DIA - 00 (01) 0
 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND T2 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND T2 LAYER REINFORCEMENT PLAN
 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
0	HO	29.09.2023	ISSUED FOR APPROVAL	-

SCALES

DESIGNER

CLIENT

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SERVICE PROVIDER

SILICON
 Engineering Consultants Ltd

DRAWN

DESIGNED

DRG CHECK

DESIGN CHECK

APPROVED

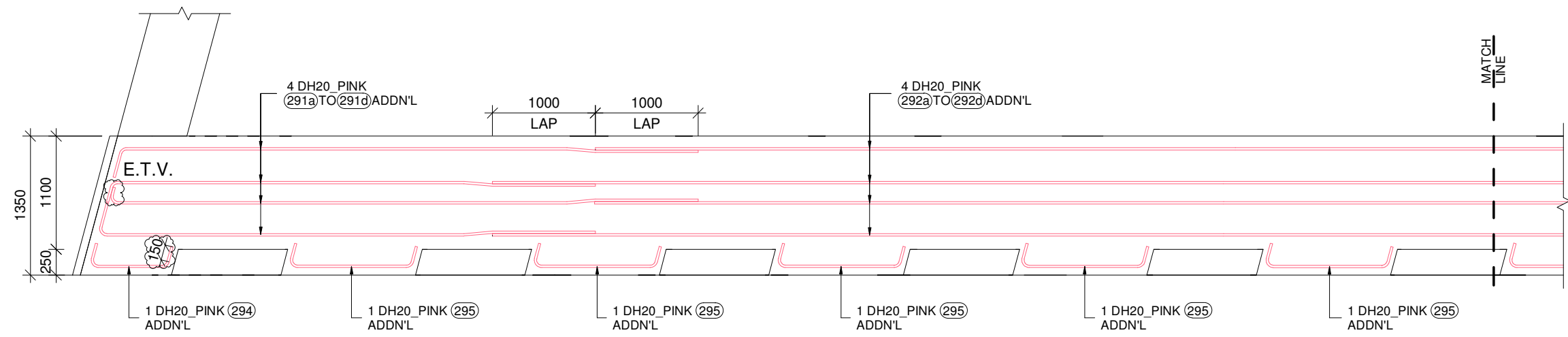
PEACOCKE WHATUKOORURU DRIVE
(MANGAKOOTUKUTUKU BRIDGE)

ABUTMENT - D_CROSSHEAD UPSTAND T2 LAYER REINFORCEMENT PLAN

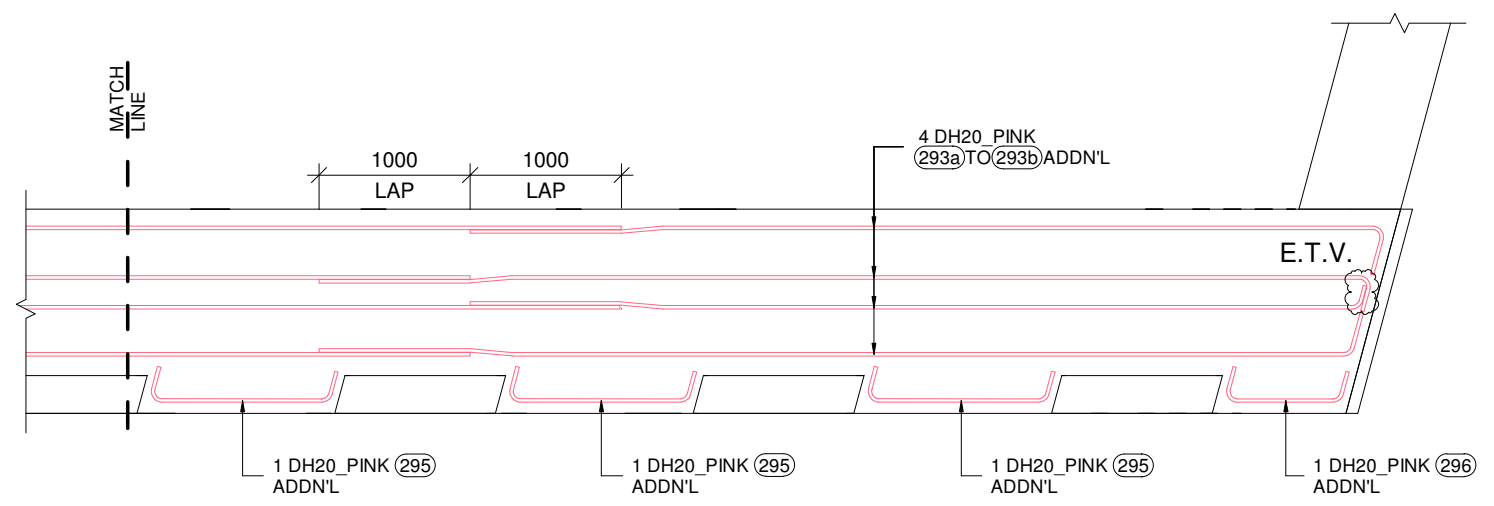
STATUS: ISSUED FOR APPROVAL SHEET (C)

DRG No ST-M-D-24 REV 0

KEY LEGEND				
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		01		BAR MARK
				SPACING
				BAR DIAMETER
				NO. OF BARS
00 Nos.				NO. OF BARS
		00		BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 1st LAYER REINF. PLAN (TOP TO BTM)
SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 1st LAYER REINF. PLAN (TOP TO BTM)
SCALE 1 : 50

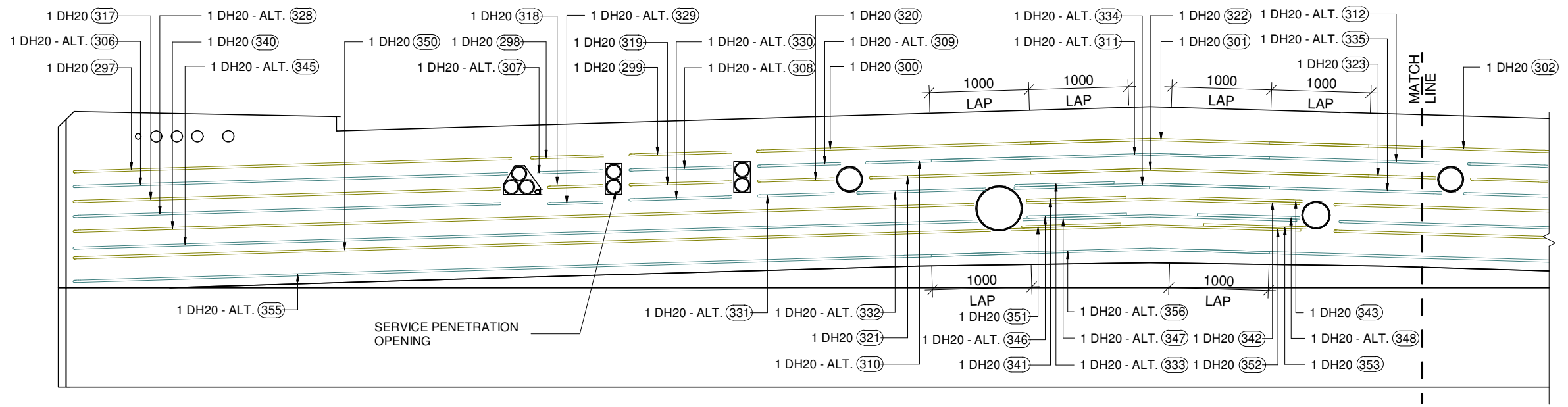
E.T.V. = ENGINEERS TO VERIFY

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>HO</td> <td>29.09.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	0	HO	29.09.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p>	<p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)</p> <p>ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BAR) 1st LAYER REINF. PLAN</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-M-D-25 REV 0</p>
REV.	BY	DATE	DESCRIPTION	APPD.																
0	HO	29.09.2023	ISSUED FOR APPROVAL	-																
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																				

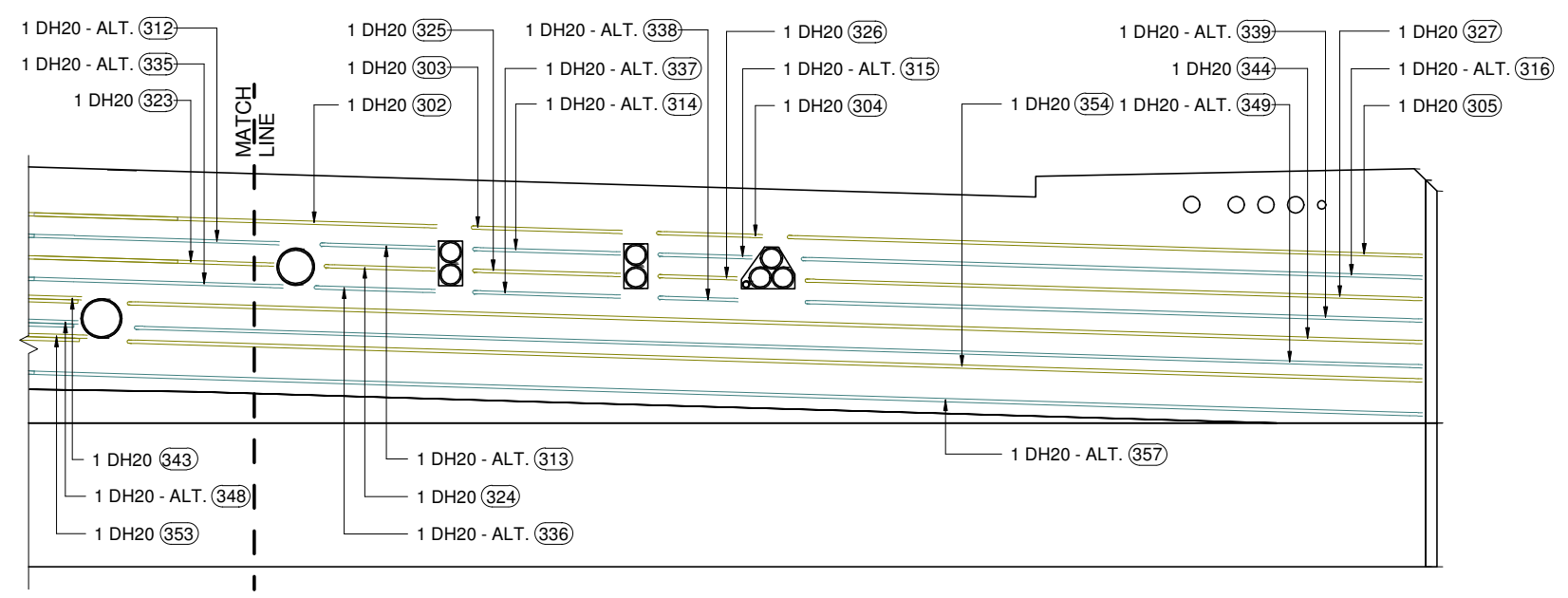
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 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK

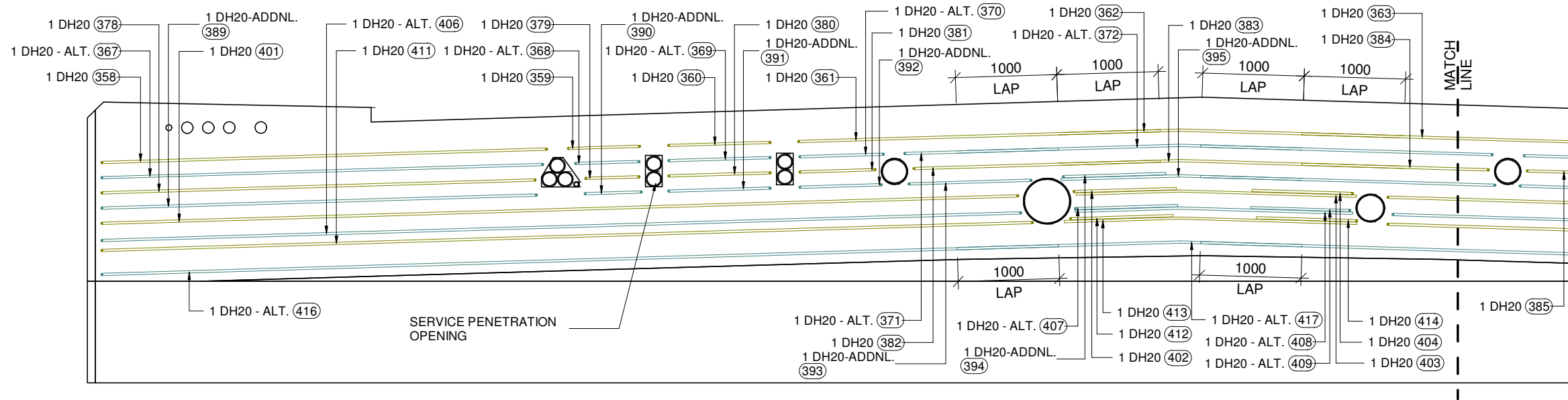


ABUTMENT - D_CROSSHEAD USTAND SIDE BAR REINF. ELEVATION (SUPER T-BEAM SIDE)
 SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND SIDE BAR REINF. ELEVATION (SUPER T-BEAM SIDE)
 SCALE 1 : 50

SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND SIDE BARS ELEVATION (SUPER T-BEAM SIDE)	
0	HO	29.09.2023	ISSUED FOR APPROVAL			SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED		STATUS: ISSUED FOR APPROVAL SHEET (C)
REV.	BY	DATE	DESCRIPTION	APPD.			DRG No ST-M-D-26	REV 0
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied								

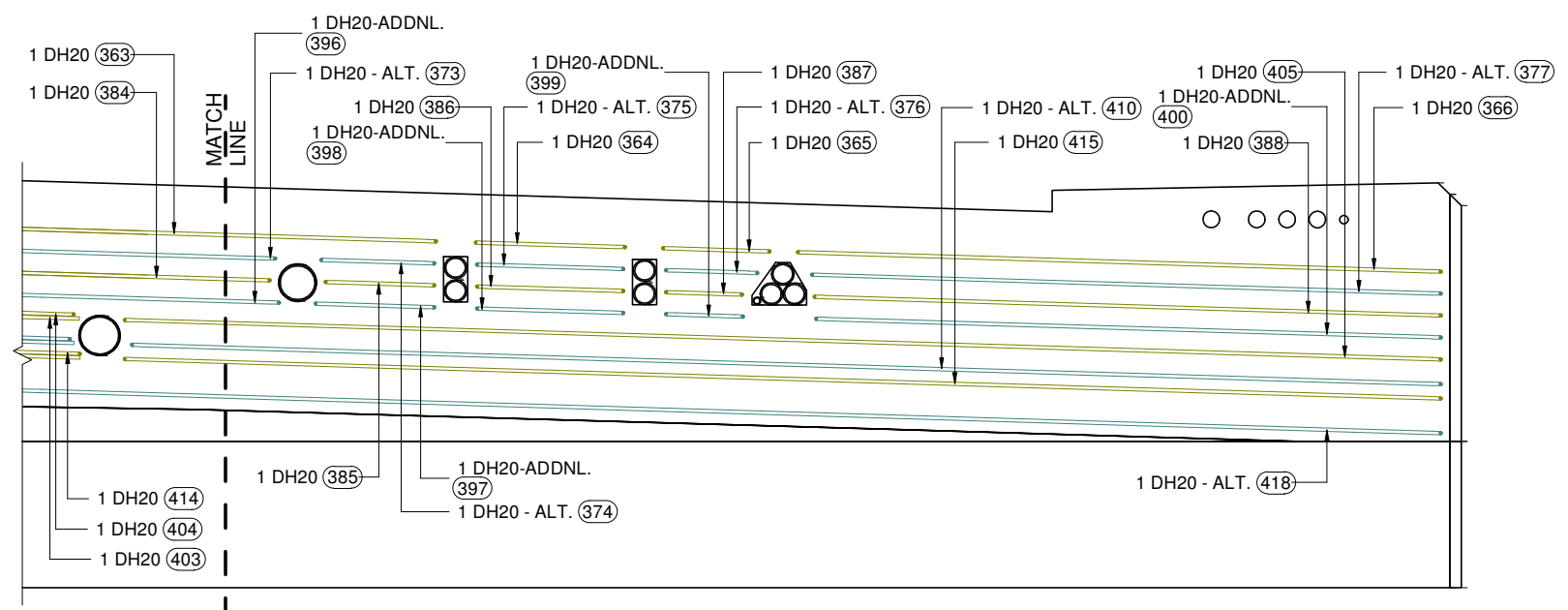


KEY LEGEND

1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ○ BAR MARK
 — SPACING
 — BAR DIAMETER
 — NO. OF BARS

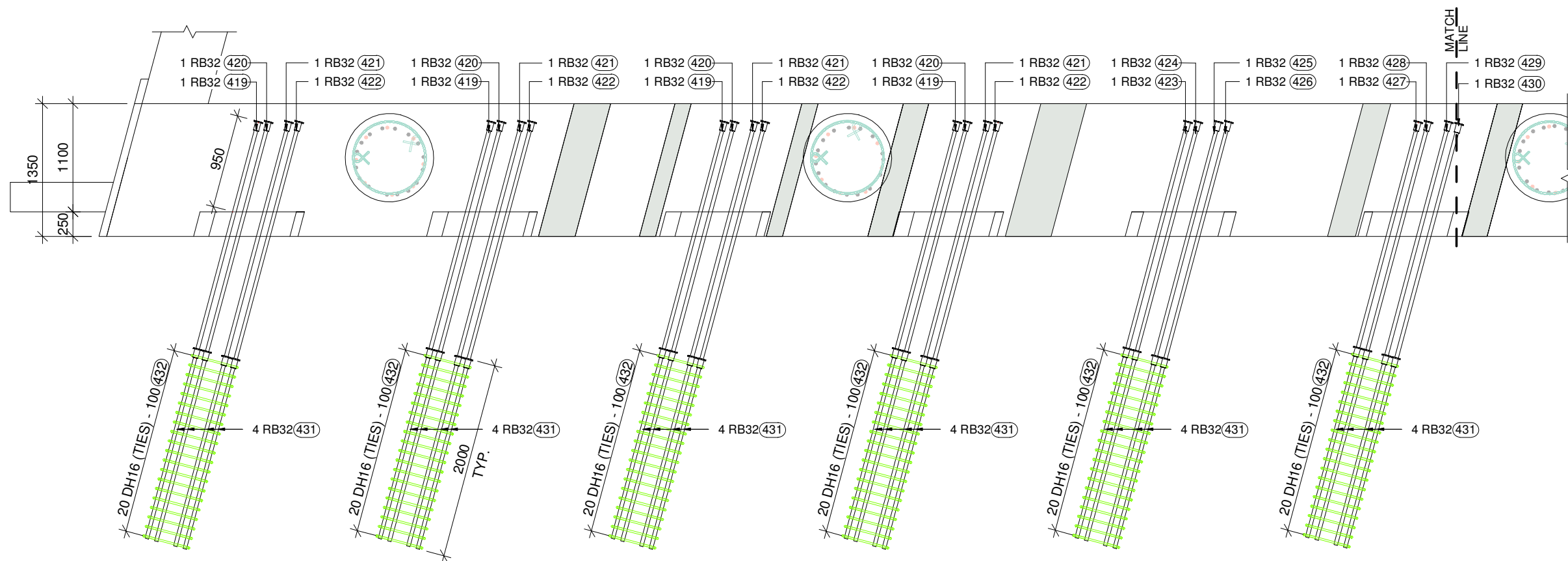
00 Nos. — NO. OF BARS
 (00) — BAR MARK

ABUTMENT - D_CROSSHEAD UPSTAND SIDE BAR REINF. ELEVATION (SETTLEMENT SLAB SIDE)
 SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND SIDE BAR REINF. ELEVATION (SETTLEMENT SLAB SIDE)
 SCALE 1 : 50

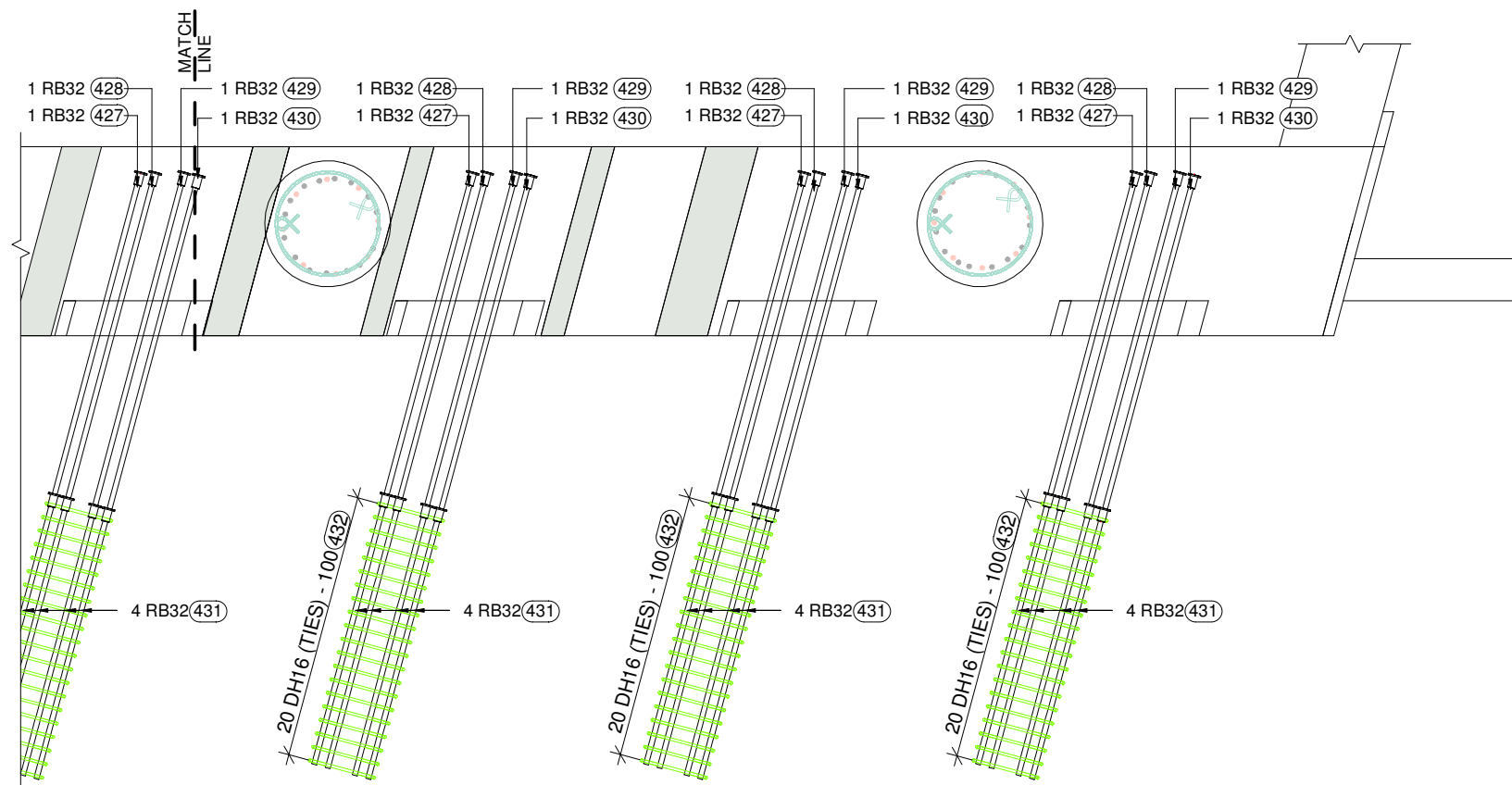
SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND SIDE BARS ELEVATION (SETTLEMENT SLAB SIDE)
0 HO 29.09.2023 ISSUED FOR APPROVAL REV. BY DATE DESCRIPTION APPD.						SERVICE PROVIDER		DRAWN ..... DESIGNED ..... DRG CHECK ..... DESIGN CHECK ..... APPROVED .....
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied							STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-27 REV 0



KEY LEGEND	
1	DIA - 00
01	BAR POSITION
01	BAR MARK
0	SPACING
00	BAR DIAMETER
00	NO. OF BARS
00	BAR MARK

ABUTMENT - D_CROSSHEAD UPSTAND 4/RB32 COUPLER BAR REINFORCEMENT PLAN

SCALE 1 : 50

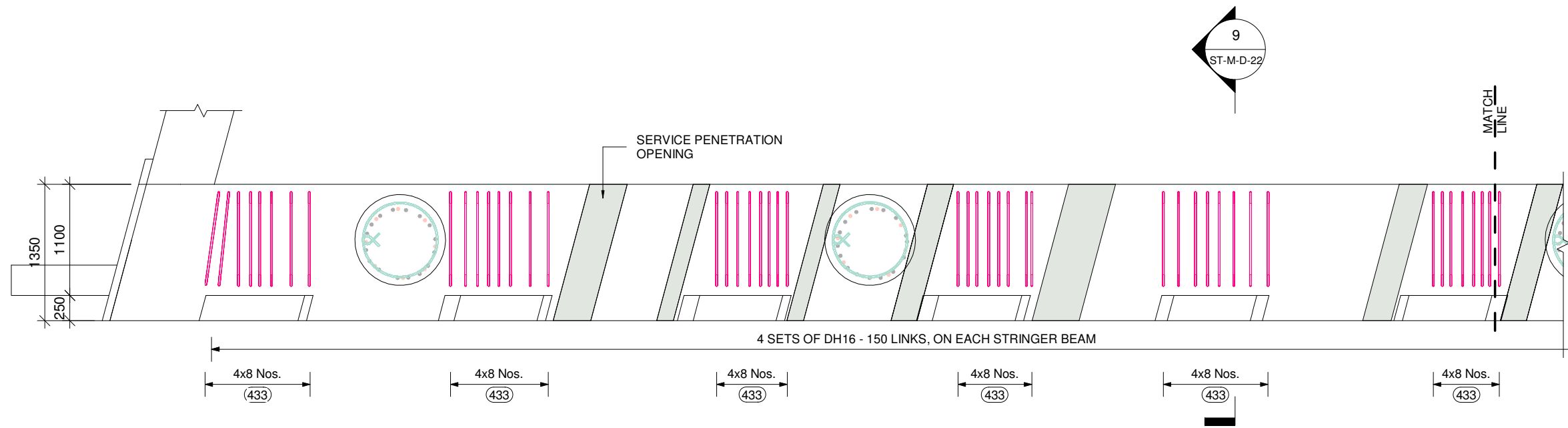


ABUTMENT - D_CROSSHEAD UPSTAND 4/RB32 COUPLER BAR REINFORCEMENT PLAN

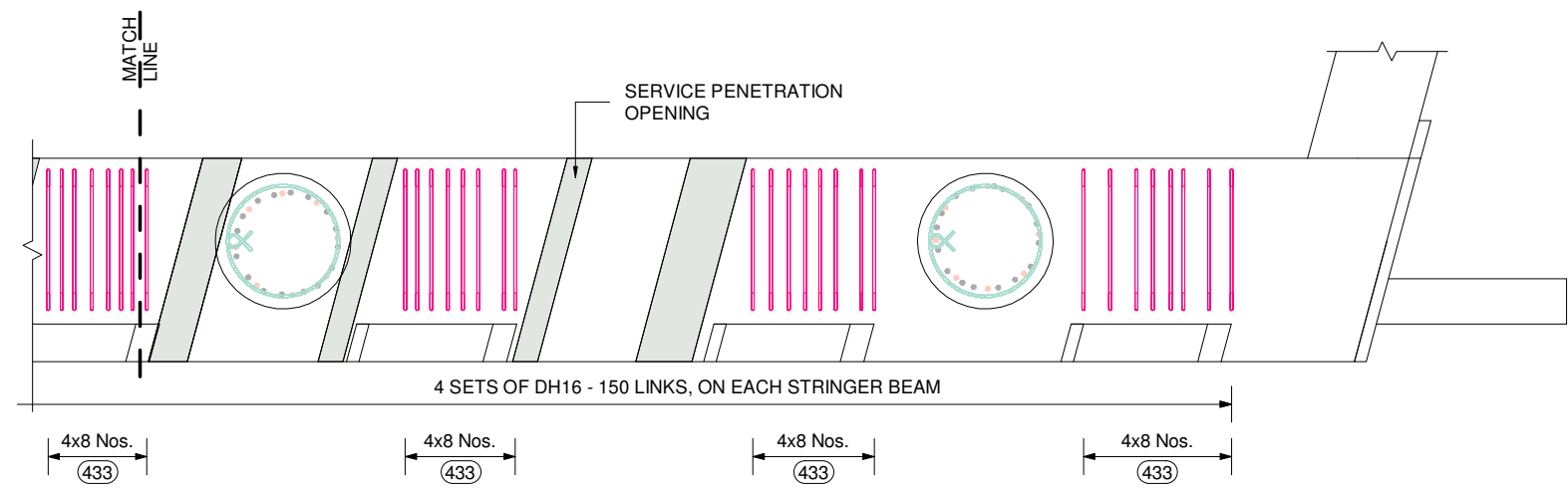
SCALE 1 : 50

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>HO</td> <td>29.09.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	0	HO	29.09.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p> <p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)</p> <p>ABUTMENT - D_CROSSHEAD UPSTAND 4/RB32 COUPLER BAR REINFORCEMENT PLAN</p> <table border="1"> <tr> <td>STATUS:</td> <td>ISSUED FOR APPROVAL</td> <td>SHEET</td> <td>(C)</td> </tr> <tr> <td>DRG No</td> <td>ST-M-D-28</td> <td>REV</td> <td>0</td> </tr> </table>	STATUS:	ISSUED FOR APPROVAL	SHEET	(C)	DRG No	ST-M-D-28	REV	0
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STATUS:	ISSUED FOR APPROVAL	SHEET	(C)																								
DRG No	ST-M-D-28	REV	0																								
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																											

KEY LEGEND	
1	DIA - 00
01	0
01	0
	BAR POSITION
	BAR MARK
	SPACING
	BAR DIAMETER
	NO. OF BARS
00 Nos.	NO. OF BARS
00	BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND 4 SETS OF DH16-150 LINKS REINFORCEMENT PLAN
 SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND 4 SETS OF DH16-150 LINKS REINFORCEMENT PLAN
 SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.
0	HO	29.09.2023	ISSUED FOR APPROVAL	-


A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied

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SERVICE PROVIDER



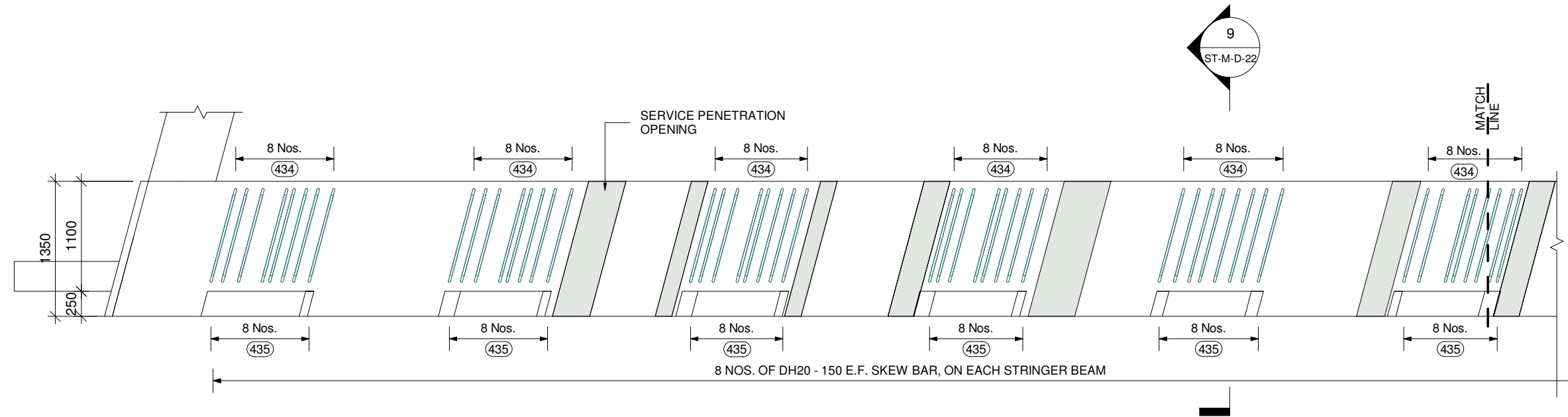
DRAWN _____
 DESIGNED _____
 DRG CHECK _____
 DESIGN CHECK _____
 APPROVED _____

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)			
ABUTMENT - D_CROSSHEAD UPSTAND 4 SETS OF DH16-150 LINKS REINFORCEMENT PLAN			
STATUS:	ISSUED FOR APPROVAL	SHEET	(C)
DRG No	ST-M-D-29	REV	0

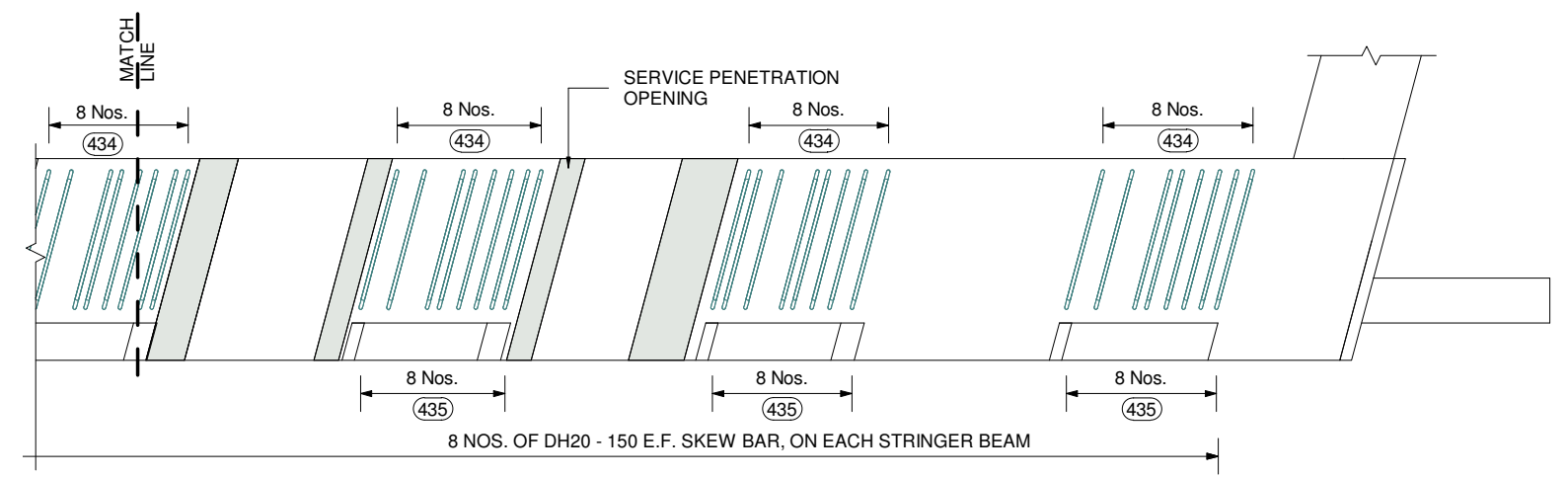
KEY LEGEND

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 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS


00 Nos. — NO. OF BARS
 (00) — BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND SKEW BARS AT EACH BEAM REINFORCEMENT PLAN
 SCALE 1 : 50



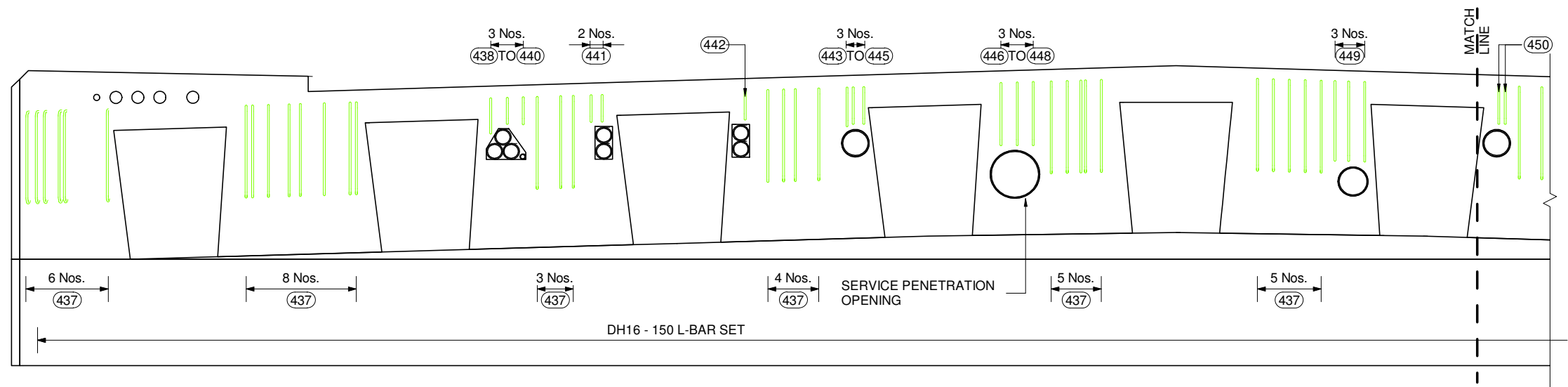
ABUTMENT - D_CROSSHEAD UPSTAND SKEW BARS AT EACH BEAM REINFORCEMENT PLAN
 SCALE 1 : 50

				SCALES	DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND SKEW BAR REINFORCEMENT PLAN
							SERVICE PROVIDER  DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED .....		STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-30 REV 0
0	HO	29.09.2023	ISSUED FOR APPROVAL					
REV.	BY	DATE	DESCRIPTION	APPD.				
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied				

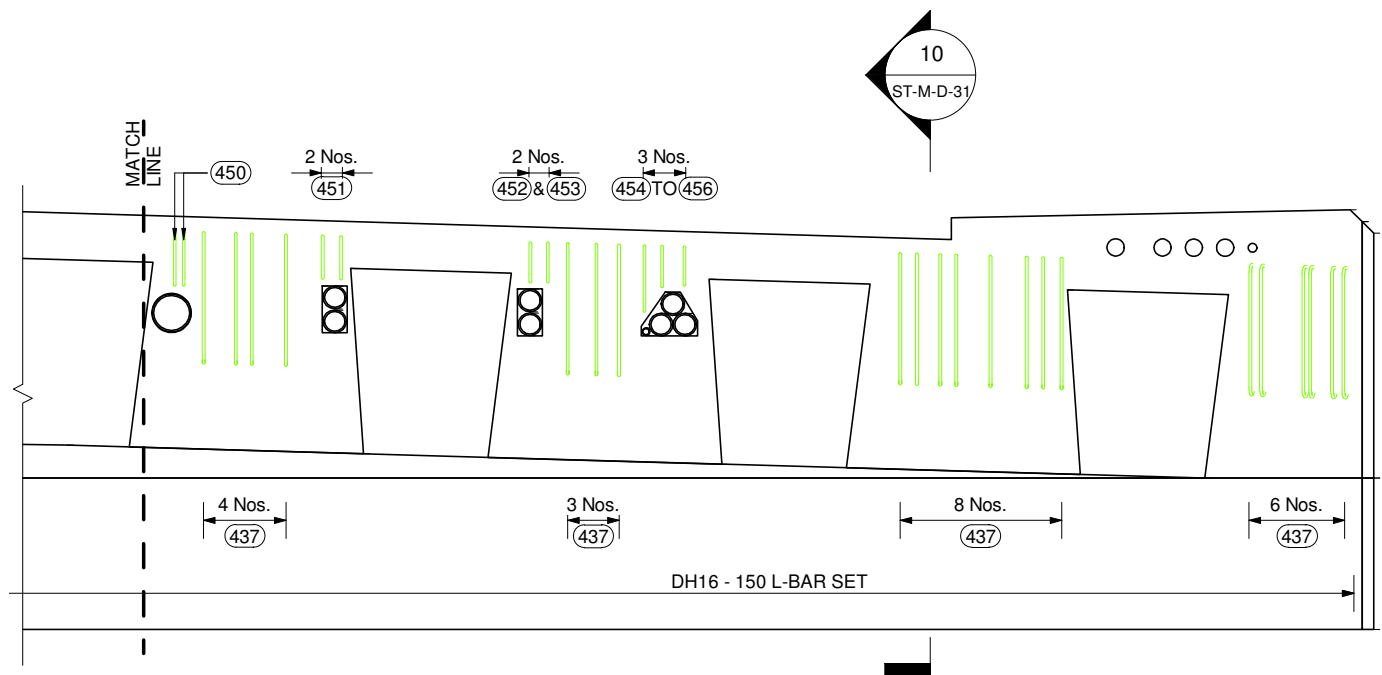
KEY LEGEND

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 BAR POSITION
 BAR MARK
 SPACING
 BAR DIAMETER
 NO. OF BARS

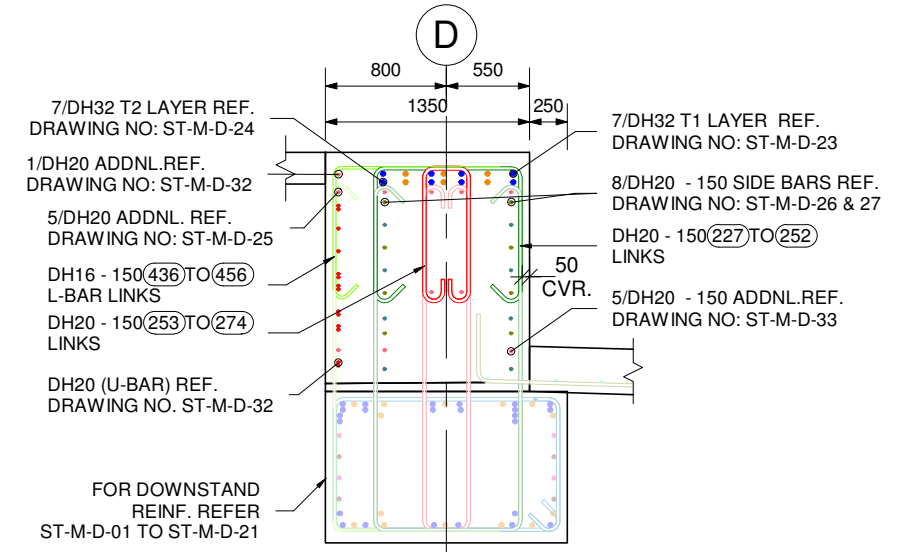
00 Nos. — NO. OF BARS
 (00) — BAR MARK



ABUTMENT - D_ CROSSHEAD UPSTAND L-BARS ELEVATION
 SCALE 1 : 50



ABUTMENT - D_ CROSSHEAD UPSTAND L-BARS ELEVATION
 SCALE 1 : 50



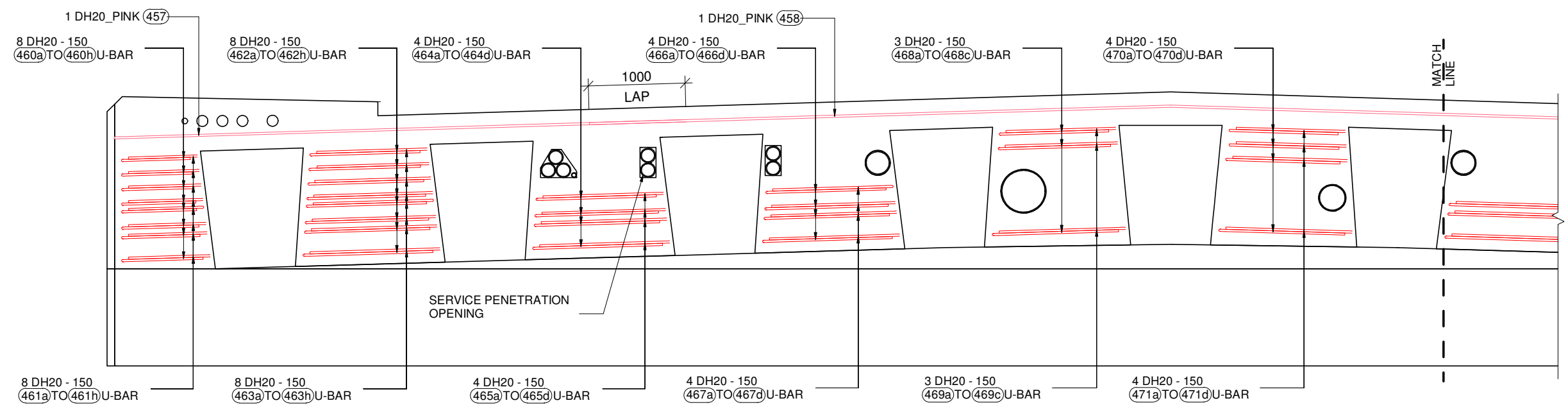
10 SECTION
 ST-M-D-31 SCALE 1 : 50

SCALES				DESIGNER	CLIENT	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_ CROSSHEAD UPSTAND L-BARS ELEVATION
0	HO	29.09.2023	ISSUED FOR APPROVAL			SERVICE PROVIDER SILICON Engineering Consultants Ltd		DRAWN ..... DESIGNED ..... DRG CHECK ..... DESIGN CHECK ..... APPROVED .....
REV.	BY	DATE	DESCRIPTION	APPD.			STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-31 REV 0
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied							

KEY LEGEND

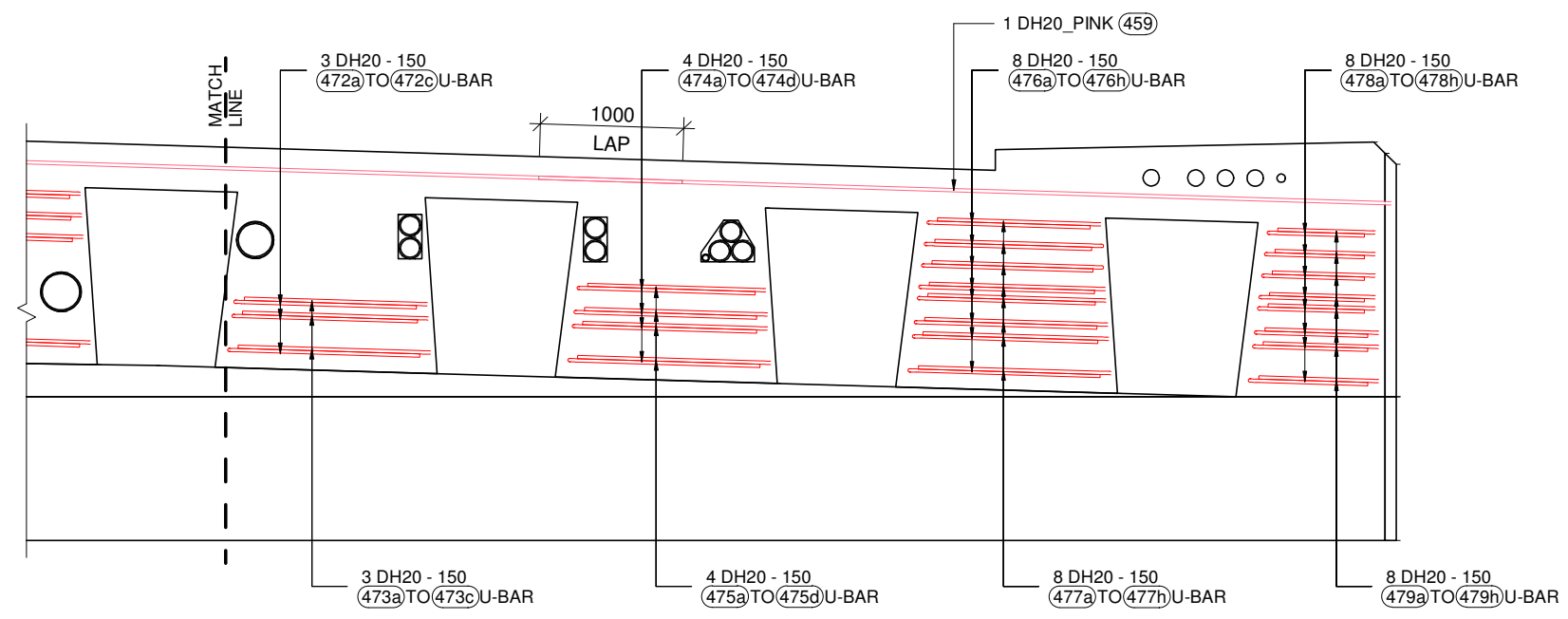
1 DIA - 00 (01) 0
 ↑ BAR POSITION
 ○ BAR MARK
 — SPACING
 — BAR DIAMETER
 — NO. OF BARS

00 Nos. — NO. OF BARS
 (00) — BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND U-BARS ELEVATION

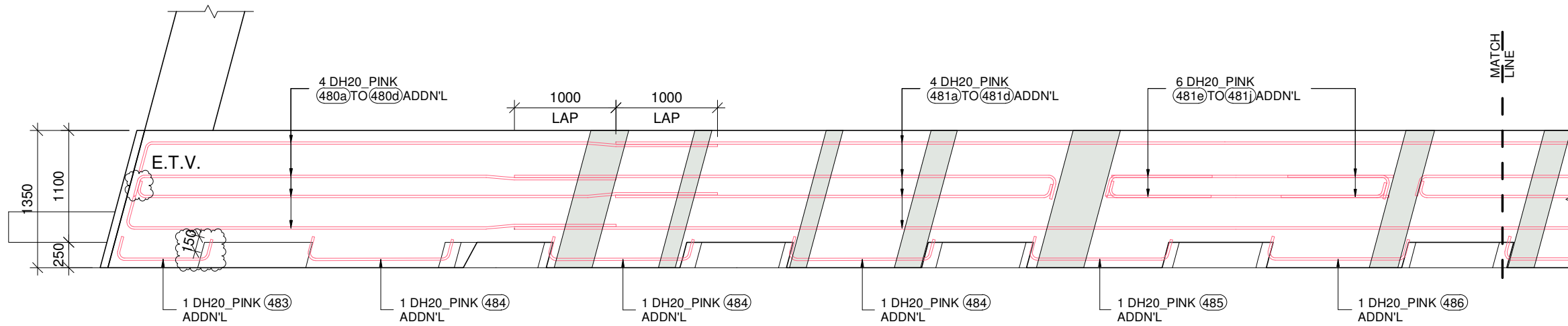
SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND U-BARS ELEVATION

SCALE 1 : 50

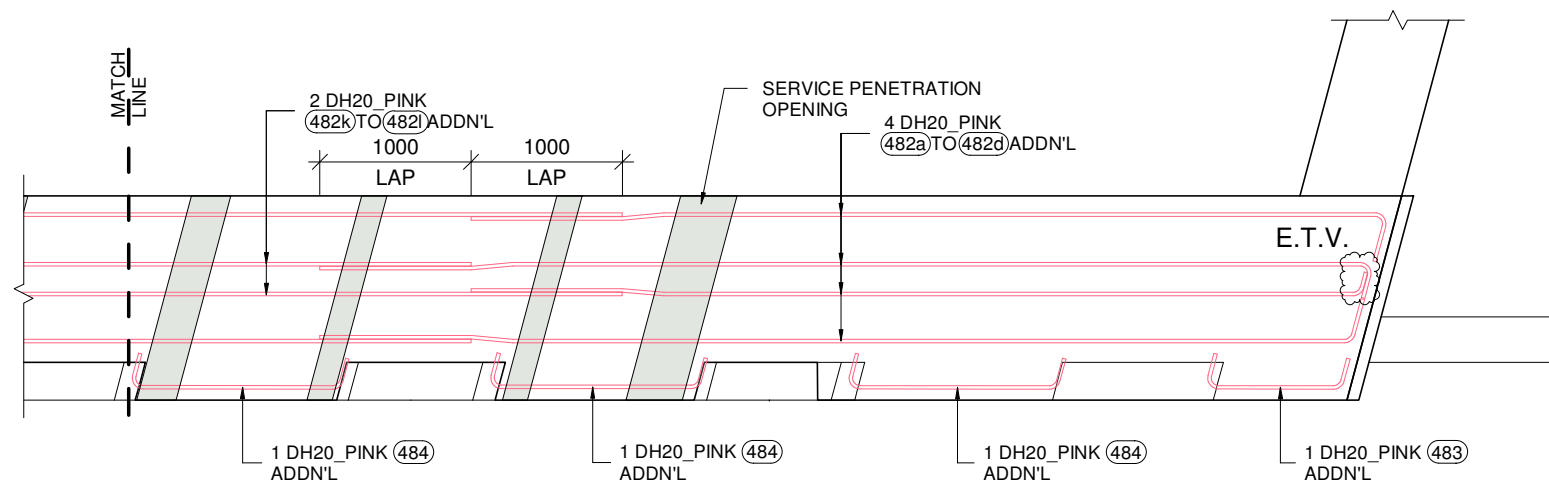
SCALES					DESIGNER		CLIENT		DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND U-BARS ELEVATION		
SERVICE PROVIDER					DRAWN		DESIGNED		DRG CHECK					STATUS: ISSUED FOR APPROVAL	SHEET	(C)
					APPROVED		DESIGN CHECK		APPROVED		DRG No ST-M-D-32	REV	0
0	HO	29.09.2023	ISSUED FOR APPROVAL										
REV.	BY	DATE	DESCRIPTION		APPD.								
A3 Original	Co-ordinate System: WANGTM2000		Datum: NZGD2000		This sheet may be prepared using colour and may be incomplete if copied								



KEY LEGEND				
1	DIA - 00	01	0	BAR POSITION
		01		BAR MARK
				SPACING
				BAR DIAMETER
				NO. OF BARS
00 Nos.				NO. OF BARS
		00		BAR MARK

ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 2nd LAYER REINF. PLAN

SCALE 1 : 50



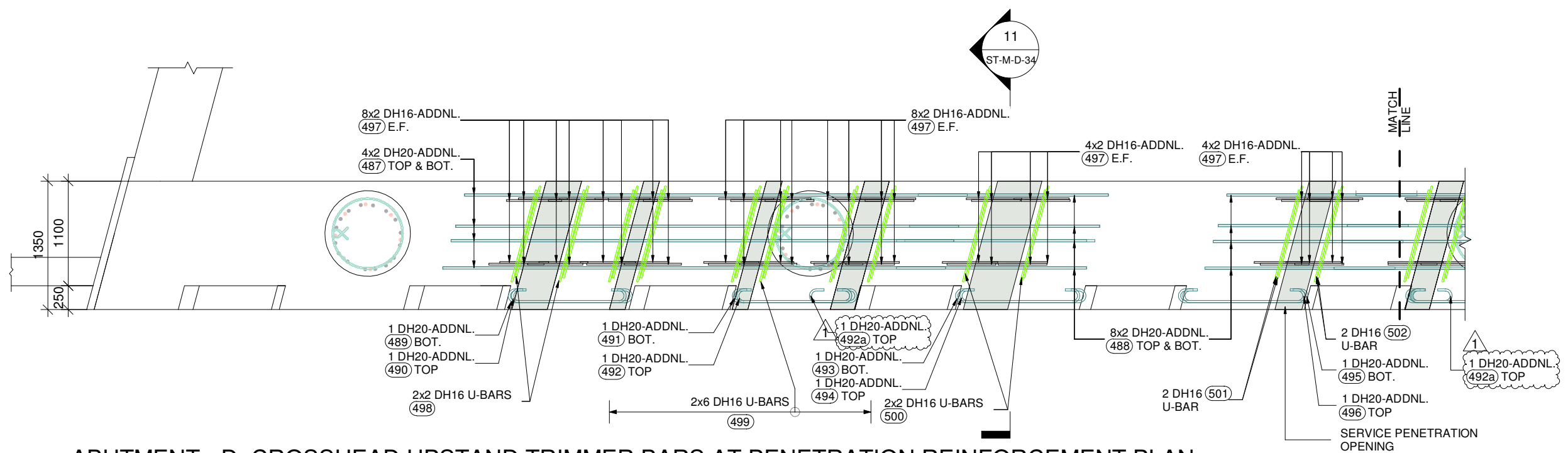
ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BARS) 2nd LAYER REINF. PLAN

SCALE 1 : 50

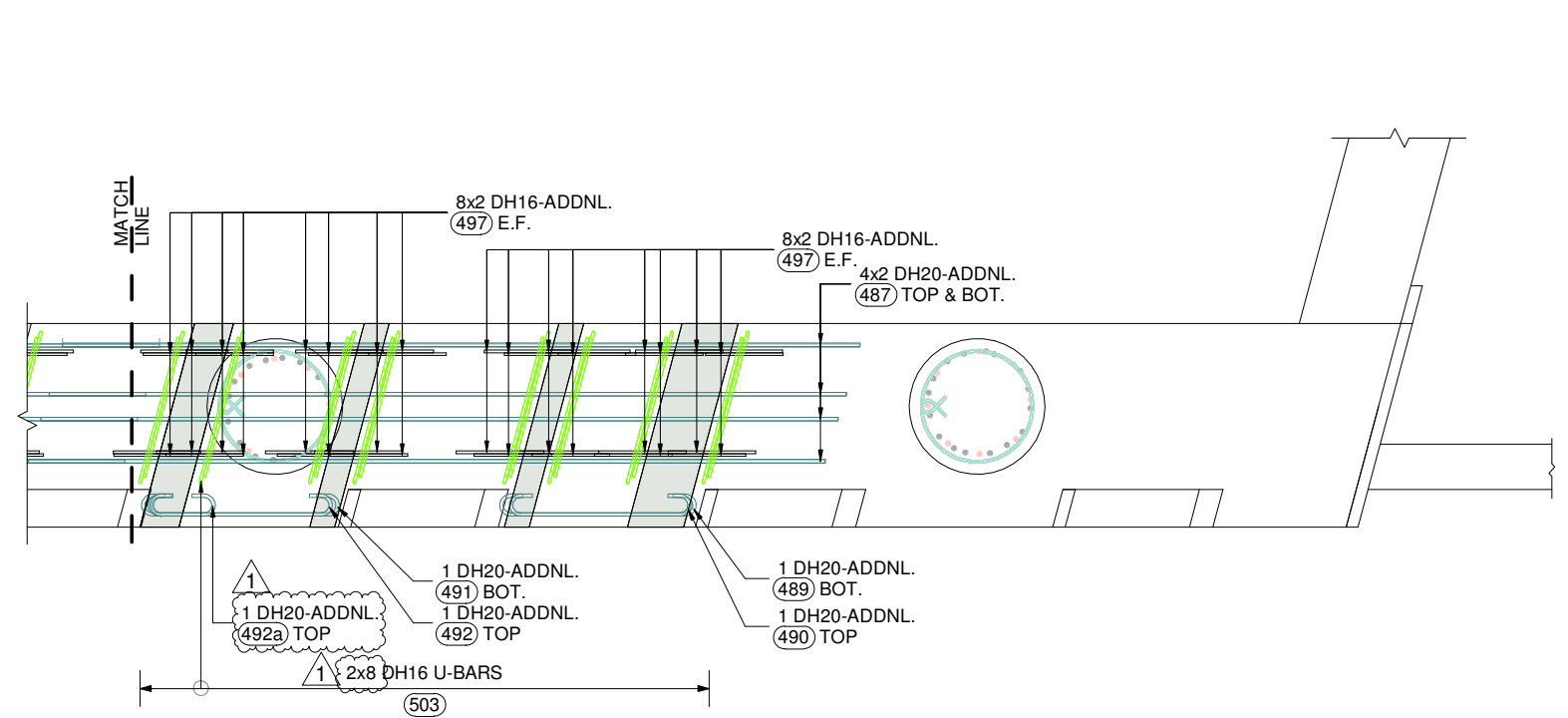
E.T.V. = ENGINEERS TO VERIFY

<table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>HO</td> <td>29.09.2023</td> <td>ISSUED FOR APPROVAL</td> <td>-</td> </tr> </tbody> </table>				REV.	BY	DATE	DESCRIPTION	APPD.	0	HO	29.09.2023	ISSUED FOR APPROVAL	-	<p>SCALES</p>	<p>DESIGNER</p>	<p>CLIENT</p>	<p>DISCLAIMER</p> <p><small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small></p> <p>SERVICE PROVIDER</p>	<p>DRAWN</p> <p>DESIGNED</p> <p>DRG CHECK</p> <p>DESIGN CHECK</p> <p>APPROVED</p>	<p>PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)</p> <p>ABUTMENT - D_CROSSHEAD UPSTAND ADDITIONAL (PINK BAR) 2nd LAYER REINF. PLAN</p> <p>STATUS: ISSUED FOR APPROVAL SHEET (C)</p> <p>DRG No ST-M-D-33 REV 0</p>
REV.	BY	DATE	DESCRIPTION	APPD.															
0	HO	29.09.2023	ISSUED FOR APPROVAL	-															
<p>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</p>																			

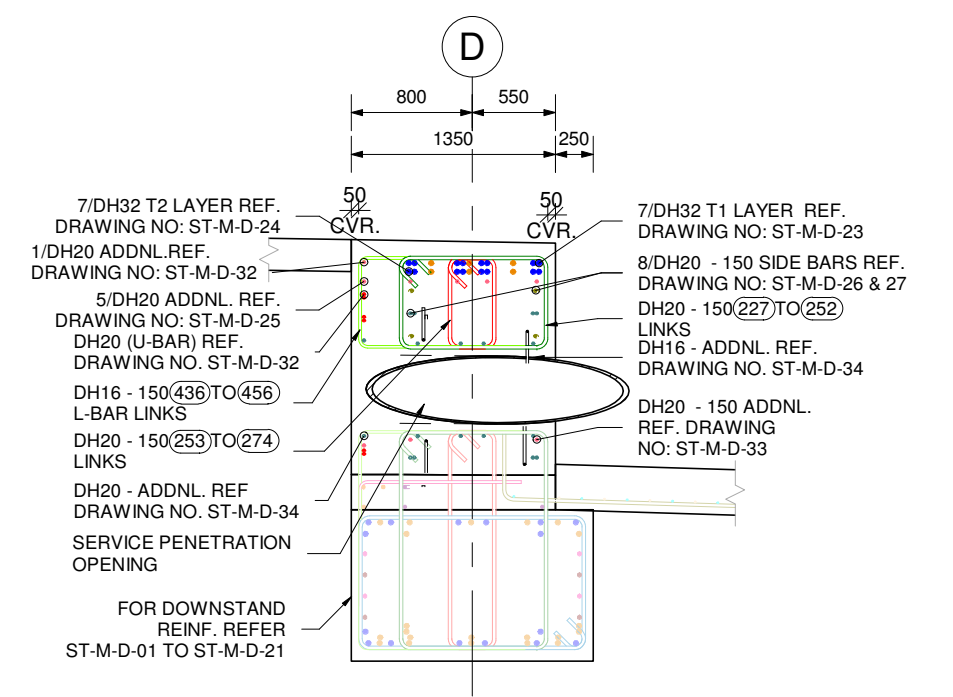
KEY LEGEND		
1 DIA - 00	01	BAR POSITION
01	01	BAR MARK
		SPACING
		BAR DIAMETER
		NO. OF BARS
00 Nos.		NO. OF BARS
00		BAR MARK



ABUTMENT - D_CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION REINFORCEMENT PLAN
SCALE 1 : 50



ABUTMENT - D_CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION REINFORCEMENT PLAN
SCALE 1 : 50




11 SECTION
SCALE 1 : 50

REV.	BY	DATE	DESCRIPTION	APPD.	SCALES	DESIGNER	CLIENT	DISCLAIMER	SERVICE PROVIDER	DRAWN	DESIGNED	DRG CHECK	DESIGN CHECK	APPROVED	STATUS	ISSUED FOR APPROVAL	SHEET	NO.	REV
1	HO	02.11.2023	REVISED AS PER COMMENTS					The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.							ISSUED FOR APPROVAL	SHEET	NO.	REV	1
0	HO	29.09.2023	ISSUED FOR APPROVAL																
A3 Original					Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied														

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)
ABUTMENT - D_CROSSHEAD UPSTAND TRIMMER BARS AT PENETRATION REINFORCEMENT PLAN
STATUS: ISSUED FOR APPROVAL SHEET NO. (C)
DRG No ST-M-D-34 REV 1


PROJECT:		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)															Revision:-			02			
MATERIAL FOR :		ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE															Date:-			21.11.2023			
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
227	7	DH20_G (S)	L8	3102	191	901	1016	901	0	0	191	119	119	0		0	0	0				53.55 kg	0.054
227a	2	DH20_G (S)	L8	3083	191	901	997	901	0	0	191	119	119	0		0	0	0				15.21 kg	0.015
227b	3	DH20_G (S)	L8	3078	191	901	992	901	0	0	191	119	119	0		0	0	0				22.77 kg	0.023
228	71	DH20_G (S)	L8	3068	191	901	982	901	0	0	191	119	119	0		0	0	0				537.20 kg	0.537
228a	16	DH20_G (S)	HCH	3085	198	901	982	901	0	0	198	0	0	140		0	0	0				121.73 kg	0.122
229	1	DH20_G (S)	L1	2692	191	982	246	982	246	0	191	0		119		0	0	0				6.64 kg	0.007
230	1	DH20_G (S)	L1	2701	191	982	251	982	251	0	191	0		119		0	0	0				6.66 kg	0.007
231	4	DH20_G (S)	L1	2717	191	982	259	982	259	0	191	0		119		0	0	0				26.80 kg	0.027
232	1	DH20_G (S)	L1	2749	191	982	275	982	275	0	191	0		119		0	0	0				6.78 kg	0.007
233	1	DH20_G (S)	L1	2715	191	982	258	982	258	0	191	0		119		0	0	0				6.70 kg	0.007
234	1	DH20_G (S)	L1	2724	191	982	262	982	262	0	191	0		119		0	0	0				6.72 kg	0.007
235	1	DH20_G (S)	L1	2741	191	982	270	982	270	0	191	0		119		0	0	0				6.76 kg	0.007
236	1	DH20_G (S)	L1	2753	191	982	277	982	277	0	191	0		119		0	0	0				6.79 kg	0.007
237	2	DH20_G (S)	L1	2762	191	982	281	982	281	0	191	0		119		0	0	0				13.62 kg	0.014
238	1	DH20_G (S)	L1	2777	191	982	289	982	289	0	191	0		119		0	0	0				6.85 kg	0.007
239	3	DH20_G (S)	L1	2931	191	982	366	982	366	0	191	0		119		0	0	0				21.68 kg	0.022
240	2	DH20_G (S)	L1	2957	191	982	379	982	379	0	191	0		119		0	0	0				14.58 kg	0.015
241	1	DH20_G (S)	L1	3441	191	982	621	982	621	0	191	0		119		0	0	0				8.49 kg	0.008
241a	1	DH20_G (S)	L1	3409	191	982	605	982	605	0	191	0		119		0	0	0				8.41 kg	0.008
242	1	DH20_G (S)	L1	3491	191	982	646	982	646	0	191	0		119		0	0	0				8.61 kg	0.009
243	1	DH20_G (S)	L1	3418	191	982	609	982	609	0	191	0		119		0	0	0				8.43 kg	0.008
244	1	DH20_G (S)	L1	3427	191	982	614	982	614	0	191	0		119		0	0	0				8.45 kg	0.008
245	1	DH20_G (S)	L1	3436	191	982	618	982	618	0	191	0		119		0	0	0				8.47 kg	0.008
246	1	DH20_G (S)	L1	3445	191	982	623	982	623	0	191	0		119		0	0	0				8.50 kg	0.008
247	2	DH20_G (S)	L1	3729	191	982	765	982	765	0	191	0		119		0	0	0				18.39 kg	0.018
248	2	DH20_G (S)	L1	3716	191	982	758	982	758	0	191	0		119		0	0	0				18.33 kg	0.018
249	1	DH20_G (S)	L1	2757	191	982	279	982	279	0	191	0		119		0	0	0				6.80 kg	0.007
250	1	DH20_G (S)	L1	2730	191	982	265	982	265	0	191	0		119		0	0	0				6.73 kg	0.007
251	2	DH20_G (S)	L1	2709	191	982	255	982	255	0	191	0		119		0	0	0				13.36 kg	0.013
252	1	DH20_G (S)	L1	2840	191	982	320	982	320	0	191	0		119		0	0	0				7.00 kg	0.007
253	7	DH20_R (S)	HCH	2428	198	901	325	901	0	0	198	0	0	140		0	0	0				41.91 kg	0.042
253a	2	DH20_R (S)	HCH	2422	198	901	320	901	0	0	198	0	0	140		0	0	0				11.95 kg	0.012
253b	3	DH20_R (S)	HCH	2421	198	901	318	901	0	0	198	0	0	140		0	0	0				17.91 kg	0.018
254	104	DH20_R (S)	HCH	2418	198	901	315	901	0	0	198	0	0	140		0	0	0				620.17 kg	0.620
255	1	DH20_R (S)	L1	1365	191	315	250	315	250	0	191	0		119		0	0	0				3.37 kg	0.003
256	1	DH20_R (S)	L1	1379	191	315	257	315	257	0	191	0		119		0	0	0				3.40 kg	0.003
257	3	DH20_R (S)	L1	1398	191	315	266	315	266	0	191	0		119		0	0	0				10.34 kg	0.010
258	2	DH20_R (S)	L1	1387	191	315	261	315	261	0	191	0		119		0	0	0				6.84 kg	0.007
259	2	DH20_R (S)	L1	1426	191	315	280	315	280	0	191	0		119		0	0	0				7.03 kg	0.007
260	2	DH20_R (S)	L1	1438	191	315	286	315	286	0	191	0		119		0	0	0				7.09 kg	0.007
261	1	DH20_R (S)	L1	1595	191	315	364	315	364	0	191	0		119		0	0	0				3.93 kg	0.004
262	1	DH20_R (S)	L1	1609	191	315	371	315	371	0	191	0		119		0	0	0				3.97 kg	0.004
263	1	DH20_R (S)	L1	2078	191	315	606	315	606	0	191	0		119		0	0	0				5.12 kg	0.005
264	1	DH20_R (S)	L1	2087	191	315	611	315	611	0	191	0		119		0	0	0				5.15 kg	0.005
265	1	DH20_R (S)	L1	2096	191	315	615	315	615	0	191	0		119		0	0	0				5.17 kg	0.005
TOTAL WEIGHT																					1764.37 kg	1.764	

2				RK	21.11.2023	REVISED AS PER COMMENTS	-
1				HO	02.11.2023	REVISED AS PER COMMENTS	-
0				HO	29.09.2023	ISSUED FOR APPROVAL	-
REV.	BY	DATE	DESCRIPTION				APPD.
A3 Original	Co-ordinate System: WANGTM2000	Datum: NZGD2000	This sheet may be prepared using colour and may be incomplete if copied				


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			SERVICE PROVIDER 
			DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)			
ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE			
STATUS:	ISSUED FOR APPROVAL	SHEET	(C)
DRG No	ST-M-D-36	REV	2

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)															Revision:-			00			
MATERIAL FOR :		ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE															Date:-			29.09.2023			
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
266	1	DH20_R (S)	L1	2105	191	315	620	315	620	0	191	0		119		0	0	0				5.19 kg	0.005
267	2	DH20_R (S)	L1	2383	191	315	759	315	759	0	191	0		119		0	0	0				11.75 kg	0.012
268	1	DH20_R (S)	L1	2394	191	315	764	315	764	0	191	0		119		0	0	0				5.90 kg	0.006
269	1	DH20_R (S)	L1	1606	191	315	370	315	370	0	191	0		119		0	0	0				3.96 kg	0.004
270	1	DH20_R (S)	L1	1597	191	315	366	315	366	0	191	0		119		0	0	0				3.94 kg	0.004
271	1	DH20_R (S)	L1	1750	191	315	442	315	442	0	191	0		119		0	0	0				4.32 kg	0.004
272	1	DH20_R (S)	L1	1384	191	315	259	315	259	0	191	0		119		0	0	0				3.41 kg	0.003
273	1	DH20_R (S)	L1	1375	191	315	255	315	255	0	191	0		119		0	0	0				3.39 kg	0.003
274	1	DH20_R (S)	L1	1357	191	315	246	315	246	0	191	0		119		0	0	0				3.35 kg	0.003
275a	1	DH32	99f	5159	512	4727	0	0	0	0	0	512		15		0	0	0	88.28°			32.57 kg	0.033
275b	1	DH32	99f	5248	512	4817	0	0	0	0	0	512		15		0	0	0	88.28°			33.13 kg	0.033
275c	1	DH32	99f	5301	512	4870	0	0	0	0	0	512		15		0	0	0	88.28°			33.47 kg	0.033
275d	1	DH32	99f	5387	512	4955	0	0	0	0	0	512		15		0	0	0	88.28°			34.01 kg	0.034
276a	1	DH32 - ALT.	99f	2601	512	2169	0	0	0	0	0	512		15		0	0	0	88.28°			16.42 kg	0.016
276b	1	DH32 - ALT.	99f	2678	512	2247	0	0	0	0	0	512		15		0	0	0	88.28°			16.91 kg	0.017
276c	1	DH32 - ALT.	99f	2746	512	2315	0	0	0	0	0	512		15		0	0	0	88.28°			17.34 kg	0.017
277	8	DH32	HJ2	6489	1701	438	2220	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		327.74 kg	0.328
278	6	DH32 - ALT.	HJ2	6367	1701	438	2098	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		241.18 kg	0.241
279	4	DH32	99f	6000	3001	3000	0	0	0	0	0	180		2996		0	0	0	3.44°			151.52 kg	0.152
280	3	DH32 - ALT.	99f	11450	5726	5726	0	0	0	0	0	343		5715		0	0	0	3.44°			216.86 kg	0.217
281a	1	DH32	99f	5392	512	4961	0	0	0	0	0	512		15		0	0	0	88.28°			34.04 kg	0.034
281b	1	DH32	99f	5301	512	4870	0	0	0	0	0	512		15		0	0	0	88.28°			33.47 kg	0.033
281c	1	DH32	99f	5248	512	4817	0	0	0	0	0	512		15		0	0	0	88.28°			33.13 kg	0.033
281d	1	DH32	99f	5166	512	4735	0	0	0	0	0	512		15		0	0	0	88.28°			32.61 kg	0.033
282a	1	DH32 - ALT.	99f	2746	512	2315	0	0	0	0	0	512		15		0	0	0	88.28°			17.34 kg	0.017
282b	1	DH32 - ALT.	99f	2668	512	2237	0	0	0	0	0	512		15		0	0	0	88.28°			16.84 kg	0.017
282c	1	DH32 - ALT.	99f	2601	512	2169	0	0	0	0	0	512		15		0	0	0	88.28°			16.42 kg	0.016
283a	1	DH32	99f	5120	512	4688	0	0	0	0	0	512		15		0	0	0	88.28°			32.32 kg	0.032
283b	1	DH32	99f	5209	512	4778	0	0	0	0	0	512		15		0	0	0	88.28°			32.89 kg	0.033
283c	1	DH32	99f	5262	512	4830	0	0	0	0	0	512		15		0	0	0	88.28°			33.22 kg	0.033
283d	1	DH32	99f	5344	512	4912	0	0	0	0	0	512		15		0	0	0	88.28°			33.74 kg	0.034
284a	1	DH32 - ALT.	99f	2562	512	2130	0	0	0	0	0	512		15		0	0	0	88.28°			16.17 kg	0.016
284b	1	DH32 - ALT.	99f	2640	513	2208	0	0	0	0	0	512		15		0	0	0	88.28°			16.67 kg	0.017
284c	1	DH32 - ALT.	99f	2707	512	2276	0	0	0	0	0	512		15		0	0	0	88.28°			17.09 kg	0.017
285	8	DH32	HJ2	6489	1701	438	2220	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		327.74 kg	0.328
286	6	DH32 - ALT.	HJ2	6367	1701	438	2098	438	1701	0	0	74	74	432	432	0	0	0	5.01°	5.01°		241.18 kg	0.241
287	4	DH32	99f	6000	3001	3000	0	0	0	0	0	180		2996		0	0	0	3.44°			151.52 kg	0.152
288	3	DH32 - ALT.	99f	11450	5726	5726	0	0	0	0	0	343		5715		0	0	0	3.44°			216.86 kg	0.217
289a	1	DH32	99f	5353	512	4922	0	0	0	0	0	512		15		0	0	0	88.28°			33.80 kg	0.034
289b	1	DH32	99f	5262	512	4831	0	0	0	0	0	512		15		0	0	0	88.28°			33.22 kg	0.033
289c	1	DH32	99f	5209	512	4778	0	0	0	0	0	512		15		0	0	0	88.28°			32.89 kg	0.033
289d	1	DH32	99f	5127	512	4696	0	0	0	0	0	512		15		0	0	0	88.28°			32.37 kg	0.032
TOTAL WEIGHT																					2601.90 kg	2.602	


SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-37 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HO	29.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)															Revision:-			00			
MATERIAL FOR :		ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE															Date:-			29.09.2023			
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
290a	1	DH32 - ALT.	99f	2707	512	2276	0	0	0	0	0	512		15		0	0	0	88.28°			17.09 kg	0.017
290b	1	DH32 - ALT.	99f	2629	512	2198	0	0	0	0	0	512		15		0	0	0	88.28°			16.60 kg	0.017
290c	1	DH32 - ALT.	99f	2560	512	2128	0	0	0	0	0	512		15		0	0	0	88.28°			16.16 kg	0.016
291a	1	DH20_PINK	99d	5877	296	4336	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	14.49 kg	0.014
291b	1	DH20_PINK	99d	4875	206	3424	280	1001	0	0	0	48	199	276	53	0	0	0	75.00°	5.16°	5.16°	12.02 kg	0.012
291c	1	DH20_PINK	99e	5826	148	4434	280	1001	0	0	0	48	164	276	22	0	0	0	105.00°	5.16°	5.16°	14.37 kg	0.014
291d	1	DH20_PINK	99e	5100	313	3543	280	1001	0	0	0	48	323	276	65	0	0	0	105.00°	5.16°	5.16°	12.58 kg	0.013
292a	1	DH20_PINK	99f	12000	6224	5776	0	0	0	0	0	373		6213		0	0	0	3.44°			29.59 kg	0.030
292b	1	DH20_PINK	99f	12000	7110	4891	0	0	0	0	0	426		7097		0	0	0	3.44°			29.59 kg	0.030
292c	1	DH20_PINK	99f	12000	6118	5883	0	0	0	0	0	367		6107		0	0	0	3.44°			29.59 kg	0.030
292d	1	DH20_PINK	99f	12000	7110	4891	0	0	0	0	0	426		7097		0	0	0	3.44°			29.59 kg	0.030
293a	1	DH20_PINK	99e	6325	313	4768	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	15.60 kg	0.016
293b	1	DH20_PINK	99e	7147	223	5680	280	1001	0	0	0	48	237	276	41	0	0	0	105.00°	5.16°	5.16°	17.63 kg	0.018
293c	1	DH20_PINK	99d	6018	156	4616	280	1000	0	0	0	48	151	276	40	0	0	0	75.00°	5.16°	5.16°	14.84 kg	0.015
293d	1	DH20_PINK	99d	7102	296	5559	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	17.51 kg	0.018
294	1	DH20_PINK	99i	1108	206	744	223	0	0	0	0	176		740		0	0	0	75.00°			2.73 kg	0.003
295	8	DH20_PINK	99i	1547	206	1183	223	0	0	0	0	289		1164		0	0	0	75.02°			30.52 kg	0.031
296	1	DH20_PINK	99i	1122	206	758	223	0	0	0	0	180		754		0	0	0	75.00°			2.77 kg	0.003
297	1	DH20	99i	4921	296	4378	313	0	0	0	0	1117		4250		0	0	0	75.00°			12.14 kg	0.012
298	1	DH20	99i	1248	296	704	313	0	0	0	0	166		702		0	0	0	75.00°			3.08 kg	0.003
299	1	DH20	99i	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
300	1	DH20	99e	4042	313	2484	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	9.97 kg	0.010
301	1	DH20	99f	3400	1200	2200	0	0	0	0	0	72		1198		0	0	0	3.44°			8.38 kg	0.008
302	1	DH20	99d	3042	296	1500	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	7.50 kg	0.008
303	1	DH20	99i	1566	296	1022	313	0	0	0	0	248		1008		0	0	0	75.00°			3.86 kg	0.004
304	1	DH20	99i	1252	296	708	313	0	0	0	0	167		705		0	0	0	75.00°			3.09 kg	0.003
305	1	DH20	99i	4940	296	4396	313	0	0	0	0	1121		4268		0	0	0	75.00°			12.18 kg	0.012
306	1	DH20 - ALT.	99i	4884	296	4340	314	0	0	0	0	1107		4213		0	0	0	75.00°			12.04 kg	0.012
307	1	DH20 - ALT.	99i	1171	296	627	313	0	0	0	0	146		627		0	0	0	75.00°			2.89 kg	0.003
308	1	DH20 - ALT.	99i	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
309	1	DH20 - ALT.	99i	1351	296	807	313	0	0	0	0	192		801		0	0	0	75.00°			3.33 kg	0.003
310	1	DH20 - ALT.	99e	1945	313	388	280	1000	0	0	0	48	323	276	65	0	0	0	105.00°	5.16°	5.16°	4.80 kg	0.005
311	1	DH20 - ALT.	99f	3400	2200	1200	0	0	0	0	0	132		2196		0	0	0	3.44°			8.38 kg	0.008
312	1	DH20 - ALT.	99d	2943	296	1401	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	7.26 kg	0.007
313	1	DH20 - ALT.	99i	1318	296	774	313	0	0	0	0	184		769		0	0	0	75.00°			3.25 kg	0.003
314	1	DH20 - ALT.	99i	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
315	1	DH20 - ALT.	99i	1169	296	625	313	0	0	0	0	145		625		0	0	0	75.00°			2.88 kg	0.003
316	1	DH20 - ALT.	99i	4842	296	4298	313	0	0	0	0	1096		4173		0	0	0	75.00°			11.94 kg	0.012
317	1	DH20	99i	4815	296	4270	314	0	0	0	0	1089		4146		0	0	0	75.00°			11.87 kg	0.012
318	1	DH20	99i	1071	296	527	313	0	0	0	0	120		530		0	0	0	75.00°			2.64 kg	0.003
319	1	DH20	99i	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
320	1	DH20	99i	1288	296	744	313	0	0	0	0	176		740		0	0	0	75.00°			3.18 kg	0.003
321	1	DH20	99e	2904	313	1347	280	1001	0	0	0	48	323	276	65	0	0	0	105.00°	5.16°	5.16°	7.16 kg	0.007
322	1	DH20	99f	3400	1200	2200	0	0	0	0	0	72		1198		0	0	0	3.44°			8.38 kg	0.008
TOTAL WEIGHT																						488.75 kg	0.489

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-38 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HO	29.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							


PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
323	1	DH20	99d	1905	296	363	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	4.70 kg	0.005
324	1	DH20	99l	1288	296	744	313	0	0	0	0	176		740		0	0	0	75.00°			3.18 kg	0.003
325	1	DH20	99l	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
326	1	DH20	99l	1065	296	520	313	0	0	0	0	118		524		0	0	0	75.00°			2.63 kg	0.003
327	1	DH20	99l	4816	296	4272	313	0	0	0	0	1089		4148		0	0	0	75.00°			11.88 kg	0.012
328	1	DH20 - ALT.	99l	4814	296	4270	313	0	0	0	0	1089		4146		0	0	0	75.00°			11.87 kg	0.012
329	1	DH20 - ALT.	99l	1071	296	527	313	0	0	0	0	120		530		0	0	0	75.00°			2.64 kg	0.003
330	1	DH20 - ALT.	99l	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
331	1	DH20 - ALT.	99l	1288	296	744	313	0	0	0	0	176		740		0	0	0	75.00°			3.18 kg	0.003
332	1	DH20 - ALT.	99l	1811	296	1267	313	0	0	0	0	312		1245		0	0	0	75.00°			4.47 kg	0.004
333	1	DH20 - ALT.	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
334	1	DH20 - ALT.	99f	2568	1369	1200	0	0	0	0	0	82		1366		0	0	0	3.44°			6.33 kg	0.006
335	1	DH20 - ALT.	99d	2969	296	1427	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	7.32 kg	0.007
336	1	DH20 - ALT.	99l	1358	296	813	313	0	0	0	0	194		807		0	0	0	75.00°			3.35 kg	0.003
337	1	DH20 - ALT.	99l	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
338	1	DH20 - ALT.	99l	1071	296	527	313	0	0	0	0	120		530		0	0	0	75.00°			2.64 kg	0.003
339	1	DH20 - ALT.	99l	4816	296	4271	313	0	0	0	0	1089		4147		0	0	0	75.00°			11.88 kg	0.012
340	1	DH20	99l	9575	296	9031	313	0	0	0	0	2321		8744		0	0	0	75.00°			23.61 kg	0.024
341	1	DH20	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
342	1	DH20	99f	2751	1246	1505	0	0	0	0	0	75		1244		0	0	0	3.44°			6.78 kg	0.007
343	1	DH20	99f	1265	1000	296	0	0	0	0	0	966		259		0	0	0	75.00°			3.12 kg	0.003
344	1	DH20	99l	9542	296	8997	313	0	0	0	0	2312		8712		0	0	0	75.00°			23.53 kg	0.024
345	1	DH20 - ALT.	99l	9608	296	9064	313	0	0	0	0	2330		8777		0	0	0	75.00°			23.69 kg	0.024
346	1	DH20 - ALT.	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
347	1	DH20 - ALT.	99f	2755	1279	1476	0	0	0	0	0	77		1277		0	0	0	3.44°			6.79 kg	0.007
348	1	DH20 - ALT.	99f	1264	1000	296	0	0	0	0	0	966		259		0	0	0	75.00°			3.12 kg	0.003
349	1	DH20 - ALT.	99l	9492	296	8947	313	0	0	0	0	2299		8664		0	0	0	75.00°			23.41 kg	0.023
350	1	DH20	99l	9739	296	9196	313	0	0	0	0	2364		8904		0	0	0	75.00°			24.02 kg	0.024
351	1	DH20	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
352	1	DH20	99f	2914	1399	1516	0	0	0	0	0	84		1397		0	0	0	3.44°			7.19 kg	0.007
353	1	DH20	99f	1264	1000	296	0	0	0	0	0	966		259		0	0	0	75.00°			3.12 kg	0.003
354	1	DH20	99l	9542	296	8997	313	0	0	0	0	2312		8712		0	0	0	75.00°			23.53 kg	0.024
355	1	DH20 - ALT.	99e	9912	313	8355	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	24.44 kg	0.024
356	1	DH20 - ALT.	99f	3400	2200	1200	0	0	0	0	0	132		2196		0	0	0	3.44°			8.38 kg	0.008
357	1	DH20 - ALT.	99d	10912	296	9370	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	26.91 kg	0.027
358	1	DH20	99l	4929	296	4385	313	0	0	0	0	1119		4257		0	0	0	75.00°			12.16 kg	0.012
359	1	DH20	99l	1248	296	704	313	0	0	0	0	166		702		0	0	0	75.00°			3.08 kg	0.003
360	1	DH20	99l	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
361	1	DH20	99d	3818	296	2277	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	9.42 kg	0.009
362	1	DH20	99f	3400	1200	2200	0	0	0	0	0	72		1198		0	0	0	3.44°			8.38 kg	0.008
363	1	DH20	99e	3266	313	1708	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	8.05 kg	0.008
364	1	DH20	99l	1566	296	1022	313	0	0	0	0	248		1008		0	0	0	75.00°			3.86 kg	0.004
365	1	DH20	99l	1273	296	729	313	0	0	0	0	172		725		0	0	0	75.00°			3.14 kg	0.003
366	1	DH20	99l	4940	296	4396	313	0	0	0	0	1121		4268		0	0	0	75.00°			12.18 kg	0.012
TOTAL WEIGHT																						395.85 kg	0.396

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-39 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HO	29.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							


PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
367	1	DH20 - ALT.	99l	4891	296	4347	313	0	0	0	0	1109		4220		0	0	0	75.00°			12.06 kg	0.012
368	1	DH20 - ALT.	99l	1171	296	627	313	0	0	0	0	146		627		0	0	0	75.00°			2.89 kg	0.003
369	1	DH20 - ALT.	99l	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
370	1	DH20 - ALT.	99l	1370	296	825	313	0	0	0	0	197		819		0	0	0	75.00°			3.38 kg	0.003
371	1	DH20 - ALT.	99d	1772	296	230	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	4.37 kg	0.004
372	1	DH20 - ALT.	99f	3400	2200	1200	0	0	0	0	0	132		2196		0	0	0	3.44°			8.38 kg	0.008
373	1	DH20 - ALT.	99e	3167	313	1609	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	7.81 kg	0.008
374	1	DH20 - ALT.	99l	1318	296	774	313	0	0	0	0	184		769		0	0	0	75.00°			3.25 kg	0.003
375	1	DH20 - ALT.	99l	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
376	1	DH20 - ALT.	99l	1169	296	625	313	0	0	0	0	145		625		0	0	0	75.00°			2.88 kg	0.003
377	1	DH20 - ALT.	99l	4843	296	4299	313	0	0	0	0	1097		4174		0	0	0	75.00°			11.94 kg	0.012
378	1	DH20	99l	4816	296	4272	313	0	0	0	0	1089		4148		0	0	0	75.00°			11.88 kg	0.012
379	1	DH20	99l	1071	296	527	313	0	0	0	0	120		530		0	0	0	75.00°			2.64 kg	0.003
380	1	DH20	99l	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
381	1	DH20	99l	1288	296	743	313	0	0	0	0	176		740		0	0	0	75.00°			3.18 kg	0.003
382	1	DH20	99d	2681	296	1139	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	6.61 kg	0.007
383	1	DH20	99f	3400	1200	2200	0	0	0	0	0	72		1198		0	0	0	3.44°			8.38 kg	0.008
384	1	DH20	99e	2129	313	571	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	5.25 kg	0.005
385	1	DH20	99l	1288	296	744	313	0	0	0	0	176		740		0	0	0	75.00°			3.18 kg	0.003
386	1	DH20	99l	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
387	1	DH20	99l	1065	296	520	313	0	0	0	0	118		524		0	0	0	75.00°			2.63 kg	0.003
388	1	DH20	99l	4827	296	4282	313	0	0	0	0	1092		4158		0	0	0	75.00°			11.90 kg	0.012
389	1	DH20-ADDNL.	99l	4829	296	4285	313	0	0	0	0	1093		4161		0	0	0	75.00°			11.91 kg	0.012
390	1	DH20-ADDNL.	99l	1099	295	556	313	0	0	0	0	127		558		0	0	0	75.00°			2.71 kg	0.003
391	1	DH20-ADDNL.	99l	1545	296	1001	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
392	1	DH20-ADDNL.	99l	1348	296	804	313	0	0	0	0	192		798		0	0	0	75.00°			3.32 kg	0.003
393	1	DH20-ADDNL.	99l	1748	296	1204	313	0	0	0	0	295		1184		0	0	0	75.00°			4.31 kg	0.004
394	1	DH20-ADDNL.	99f	1264	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003
395	1	DH20-ADDNL.	99f	2367	1176	1192	0	0	0	0	0	70		1174		0	0	0	3.44°			5.84 kg	0.006
396	1	DH20-ADDNL.	99e	3192	313	1635	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	7.87 kg	0.008
397	1	DH20-ADDNL.	99l	1357	296	813	313	0	0	0	0	194		807		0	0	0	75.00°			3.35 kg	0.003
398	1	DH20-ADDNL.	99l	1545	296	1000	313	0	0	0	0	243		988		0	0	0	75.00°			3.81 kg	0.004
399	1	DH20-ADDNL.	99l	1071	296	527	313	0	0	0	0	120		530		0	0	0	75.00°			2.64 kg	0.003
400	1	DH20-ADDNL.	99l	4816	296	4272	313	0	0	0	0	1089		4148		0	0	0	75.00°			11.88 kg	0.012
401	1	DH20	99l	9576	296	9031	313	0	0	0	0	2321		8745		0	0	0	75.00°			23.62 kg	0.024
402	1	DH20	99f	1264	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003
403	1	DH20	99f	2758	1024	1735	0	0	0	0	0	61		1022		0	0	0	3.44°			6.80 kg	0.007
404	1	DH20	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
405	1	DH20	99l	9543	296	8999	313	0	0	0	0	2312		8713		0	0	0	75.00°			23.53 kg	0.024
406	1	DH20 - ALT.	99l	9605	295	9061	313	0	0	0	0	2329		8774		0	0	0	75.00°			23.69 kg	0.024
407	1	DH20 - ALT.	99f	1264	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003
408	1	DH20 - ALT.	99f	2738	1039	1699	0	0	0	0	0	62		1038		0	0	0	3.44°			6.75 kg	0.007
409	1	DH20 - ALT.	99g	1264	310	988	0	0	0	0	0	321		64		0	0	0	105.00°			3.12 kg	0.003
410	1	DH20 - ALT.	99l	9492	296	8948	313	0	0	0	0	2300		8665		0	0	0	75.00°			23.41 kg	0.023
TOTAL WEIGHT																						312.73 kg	0.313

<table border="1"> <tr><td>0</td><td>HO</td><td>29.09.2023</td><td>ISSUED FOR APPROVAL</td></tr> <tr><td>REV.</td><td>BY</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td>A3 Original</td><td></td><td></td><td>Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</td></tr> </table>				0	HO	29.09.2023	ISSUED FOR APPROVAL	REV.	BY	DATE	DESCRIPTION	A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied	SCALES DESIGNER CLIENT	DISCLAIMER The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.	SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-40 REV 0
0	HO	29.09.2023	ISSUED FOR APPROVAL																	
REV.	BY	DATE	DESCRIPTION																	
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																	

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
411	1	DH20	99l	9720	296	9175	313	0	0	0	0	2358		8884		0	0	0	75.00°			23.97 kg	0.024
412	1	DH20	99f	1264	296	1000	0	0	0	0	0	286		77		0	0	0	75.00°			3.12 kg	0.003
413	1	DH20	99f	2883	1143	1740	0	0	0	0	0	69		1141		0	0	0	3.44°			7.11 kg	0.007
414	1	DH20	99g	1280	313	1000	0	0	0	0	0	324		65		0	0	0	105.00°			3.16 kg	0.003
415	1	DH20	99l	9543	296	8999	313	0	0	0	0	2312		8713		0	0	0	75.00°			23.53 kg	0.024
416	1	DH20 - ALT.	99d	9688	296	8146	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	23.89 kg	0.024
417	1	DH20 - ALT.	99f	3400	2200	1200	0	0	0	0	0	132		2196		0	0	0	3.44°			8.38 kg	0.008
418	1	DH20 - ALT.	99e	11135	313	9578	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	27.46 kg	0.027
419	4	RB32	99b	2393	2393	0	0	0	0	0	0	0		0		0	0	0				60.43 kg	0.060
420	4	RB32	99b	2419	2419	0	0	0	0	0	0	0		0		0	0	0				61.09 kg	0.061
421	4	RB32	99b	2473	2473	0	0	0	0	0	0	0		0		0	0	0				62.45 kg	0.062
422	4	RB32	99b	2500	2500	0	0	0	0	0	0	0		0		0	0	0				63.13 kg	0.063
423	1	RB32	99b	2386	2386	0	0	0	0	0	0	0		0		0	0	0				15.06 kg	0.015
424	1	RB32	99b	2413	2413	0	0	0	0	0	0	0		0		0	0	0				15.23 kg	0.015
425	1	RB32	99b	2467	2467	0	0	0	0	0	0	0		0		0	0	0				15.58 kg	0.016
426	1	RB32	99b	2494	2494	0	0	0	0	0	0	0		0		0	0	0				15.75 kg	0.016
427	4	RB32	99b	2379	2379	0	0	0	0	0	0	0		0		0	0	0				60.08 kg	0.060
428	4	RB32	99b	2406	2406	0	0	0	0	0	0	0		0		0	0	0				60.76 kg	0.061
429	4	RB32	99b	2460	2460	0	0	0	0	0	0	0		0		0	0	0				62.12 kg	0.062
430	4	RB32	99b	2487	2487	0	0	0	0	0	0	0		0		0	0	0				62.81 kg	0.063
431	36	RB32	99b	2000	2000	0	0	0	0	0	0	0		0		0	0	0				454.56 kg	0.455
432	180	DH16 (TIES)	HH	822	160	500	0	0	0	0	160	0		96		0	0	0				233.53 kg	0.234
433	288	DH16 (S)	HH	1222	142	936	0	0	0	0	142	0		96		0	0	0				555.47 kg	0.555
434	72	DH20-ADDNL.	HL	2036	903	330	0	0	0	0	903	0		0		0	0	0				361.52 kg	0.362
435	72	DH20-ADDNL.	HL	2076	903	370	0	0	0	0	903	0		0		0	0	0				368.62 kg	0.369
437	52	DH16	99k	2090	153	876	1100	0	0	0	0	141		0		0	0	0				171.53 kg	0.172
438	1	DH16	HL	2463	1100	341	0	0	0	0	1100	0		0		0	0	0				3.89 kg	0.004
439	1	DH16	HL	2378	1100	256	0	0	0	0	1100	0		0		0	0	0				3.75 kg	0.004
440	1	DH16	HL	2385	1100	263	0	0	0	0	1100	0		0		0	0	0				3.76 kg	0.004
441	2	DH16	HL	2383	1100	261	0	0	0	0	1100	0		0		0	0	0				7.52 kg	0.008
442	1	DH16	HL	2404	1100	282	0	0	0	0	1100	0		0		0	0	0				3.79 kg	0.004
443	1	DH16	HL	2496	1100	374	0	0	0	0	1100	0		0		0	0	0				3.94 kg	0.004
444	1	DH16	HL	2476	1100	354	0	0	0	0	1100	0		0		0	0	0				3.91 kg	0.004
445	1	DH16	HL	2478	1100	357	0	0	0	0	1100	0		0		0	0	0				3.91 kg	0.004
446	1	DH16	HL	2718	1100	596	0	0	0	0	1100	0		0		0	0	0				4.29 kg	0.004
447	1	DH16	HL	2722	1100	600	0	0	0	0	1100	0		0		0	0	0				4.30 kg	0.004
448	1	DH16	HL	2727	1100	605	0	0	0	0	1100	0		0		0	0	0				4.30 kg	0.004
449	3	DH16	HL	2881	1100	759	0	0	0	0	1100	0		0		0	0	0				13.64 kg	0.014
450	2	DH16	HL	2487	1100	365	0	0	0	0	1100	0		0		0	0	0				7.85 kg	0.008
451	2	DH16	HL	2414	1100	292	0	0	0	0	1100	0		0		0	0	0				7.62 kg	0.008
452	1	DH16	HL	2395	1100	273	0	0	0	0	1100	0		0		0	0	0				3.78 kg	0.004
453	1	DH16	HL	2393	1100	271	0	0	0	0	1100	0		0		0	0	0				3.78 kg	0.004
454	1	DH16	HL	2568	1100	446	0	0	0	0	1100	0		0		0	0	0				4.05 kg	0.004
455	1	DH16	HL	2402	1100	280	0	0	0	0	1100	0		0		0	0	0				3.79 kg	0.004
456	1	DH16	HL	2387	1100	265	0	0	0	0	1100	0		0		0	0	0				3.77 kg	0.004
TOTAL WEIGHT																						2916.00 kg	2.916

<table border="1"> <tr><td>0</td><td>HO</td><td>29.09.2023</td><td>ISSUED FOR APPROVAL</td></tr> <tr><td>REV.</td><td>BY</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td>A3 Original</td><td></td><td></td><td>Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</td></tr> </table>				0	HO	29.09.2023	ISSUED FOR APPROVAL	REV.	BY	DATE	DESCRIPTION	A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied	SCALES 	DESIGNER 	CLIENT 	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small> SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-41 REV 0
0	HO	29.09.2023	ISSUED FOR APPROVAL																		
REV.	BY	DATE	DESCRIPTION																		
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																		

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
457	1	DH20_PINK	99e	6187	313	4630	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	15.26 kg	0.015
458	1	DH20_PINK	99f	12000	6000	6000	0	0	0	0	0	360		5990		0	0	0	3.44°			29.59 kg	0.030
459	1	DH20_PINK	99d	6188	296	4645	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	15.26 kg	0.015
460a	1	DH20 (U-BAR)	99g	1693	710	1016	0	0	0	0	0	707		167		0	0	0	105.00°			4.18 kg	0.004
460b	1	DH20 (U-BAR)	99g	1711	728	1016	0	0	0	0	0	725		172		0	0	0	105.00°			4.22 kg	0.004
460c	1	DH20 (U-BAR)	99g	1729	747	1016	0	0	0	0	0	743		177		0	0	0	105.00°			4.26 kg	0.004
460d	1	DH20 (U-BAR)	99g	1749	766	1016	0	0	0	0	0	761		182		0	0	0	105.00°			4.31 kg	0.004
460e	1	DH20 (U-BAR)	99g	1757	775	1016	0	0	0	0	0	769		184		0	0	0	105.00°			4.33 kg	0.004
460f	1	DH20 (U-BAR)	99g	1780	798	1016	0	0	0	0	0	792		190		0	0	0	105.00°			4.39 kg	0.004
460g	1	DH20 (U-BAR)	99g	1791	809	1016	0	0	0	0	0	802		193		0	0	0	105.00°			4.42 kg	0.004
460h	1	DH20 (U-BAR)	99g	1823	841	1016	0	0	0	0	0	833		201		0	0	0	105.00°			4.50 kg	0.004
461a	1	DH20 (U-BAR)	99n	1665	693	223	783	0	0	0	0	216		58		0	0	0	15.00°			4.11 kg	0.004
461b	1	DH20 (U-BAR)	99n	1683	711	223	783	0	0	0	0	216		58		0	0	0	15.00°			4.15 kg	0.004
461c	1	DH20 (U-BAR)	99n	1701	730	207	799	0	0	0	0	199		53		0	0	0	15.00°			4.19 kg	0.004
461d	1	DH20 (U-BAR)	99n	1718	749	132	871	0	0	0	0	128		34		0	0	0	15.00°			4.24 kg	0.004
461e	1	DH20 (U-BAR)	L	1725	1000	775	0	0	0	0	0	0		0		0	0	0				4.25 kg	0.004
461f	1	DH20 (U-BAR)	99n	1755	781	326	682	0	0	0	0	315		84		0	0	0	15.00°			4.33 kg	0.004
461g	1	DH20 (U-BAR)	99n	1770	794	326	686	0	0	0	0	314		84		0	0	0	15.00°			4.37 kg	0.004
461h	1	DH20 (U-BAR)	99n	1800	824	318	693	0	0	0	0	307		82		0	0	0	15.00°			4.44 kg	0.004
462a	1	DH20 (U-BAR)	99m	2091	855	134	1138	0	0	0	0	145	1000	41		0	0	0	105.00°			5.16 kg	0.005
462b	1	DH20 (U-BAR)	99m	2108	817	174	1153	0	0	0	0	183	1000	51		0	0	0	105.00°			5.20 kg	0.005
462c	1	DH20 (U-BAR)	99m	2153	779	213	1197	0	0	0	0	221	1001	61		0	0	0	105.00°			5.31 kg	0.005
462d	1	DH20 (U-BAR)	99m	2182	779	212	1226	0	0	0	0	221	1000	61		0	0	0	105.00°			5.38 kg	0.005
462e	1	DH20 (U-BAR)	99m	2198	779	213	1242	0	0	0	0	221	1001	61		0	0	0	105.00°			5.42 kg	0.005
462f	1	DH20 (U-BAR)	99m	2230	779	212	1275	0	0	0	0	221	1000	61		0	0	0	105.00°			5.50 kg	0.005
462g	1	DH20 (U-BAR)	99m	2250	778	214	1295	0	0	0	0	222	1000	61		0	0	0	105.00°			5.55 kg	0.006
462h	1	DH20 (U-BAR)	99m	2297	772	220	1341	0	0	0	0	228	1000	63		0	0	0	105.00°			5.66 kg	0.006
463a	1	DH20 (U-BAR)	99n	2092	1121	205	801	0	0	0	0	198		53		0	0	0	15.00°			5.16 kg	0.005
463b	1	DH20 (U-BAR)	99n	2107	1136	205	801	0	0	0	0	198		53		0	0	0	15.00°			5.20 kg	0.005
463c	1	DH20 (U-BAR)	99n	2151	1180	205	801	0	0	0	0	198		53		0	0	0	15.00°			5.30 kg	0.005
463d	1	DH20 (U-BAR)	99n	2178	1210	129	874	0	0	0	0	125		33		0	0	0	15.00°			5.37 kg	0.005
463e	1	DH20 (U-BAR)	L	2192	1000	1242	0	0	0	0	0	0		0		0	0	0				5.41 kg	0.005
463f	1	DH20 (U-BAR)	99n	2231	1258	295	713	0	0	0	0	285		76		0	0	0	15.00°			5.50 kg	0.006
463g	1	DH20 (U-BAR)	99n	2251	1278	292	716	0	0	0	0	282		76		0	0	0	15.00°			5.55 kg	0.006
463h	1	DH20 (U-BAR)	99n	2297	1324	286	722	0	0	0	0	276		74		0	0	0	15.00°			5.66 kg	0.006
464a	1	DH20 (U-BAR)	99m	2198	779	213	1242	0	0	0	0	221	1001	61		0	0	0	105.00°			5.42 kg	0.005
464b	1	DH20 (U-BAR)	99m	2231	779	213	1275	0	0	0	0	221	1001	61		0	0	0	105.00°			5.50 kg	0.006
464c	1	DH20 (U-BAR)	99m	2251	778	215	1295	0	0	0	0	223	1001	61		0	0	0	105.00°			5.55 kg	0.006
464d	1	DH20 (U-BAR)	99m	2297	772	221	1341	0	0	0	0	229	1001	63		0	0	0	105.00°			5.66 kg	0.006
465a	1	DH20 (U-BAR)	99n	2198	1225	287	721	0	0	0	0	277		74		0	0	0	15.00°			5.42 kg	0.005
465b	1	DH20 (U-BAR)	99n	2231	1258	287	721	0	0	0	0	277		74		0	0	0	15.00°			5.50 kg	0.006
465c	1	DH20 (U-BAR)	99n	2247	1278	139	864	0	0	0	0	135		36		0	0	0	15.00°			5.54 kg	0.006
465d	1	DH20 (U-BAR)	99n	2294	1324	128	877	0	0	0	0	123		33		0	0	0	15.00°			5.66 kg	0.006
TOTAL WEIGHT																						259.39 kg	0.259

SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-42 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HO	29.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
466a	1	DH20 (U-BAR)	99m	2197	790	202	1242	0	0	0	0	211	1001	58		0	0	0	105.00°			5.42 kg	0.005
466b	1	DH20 (U-BAR)	99m	2231	767	225	1275	0	0	0	0	233	1000	64		0	0	0	105.00°			5.50 kg	0.006
466c	1	DH20 (U-BAR)	99m	2251	772	221	1294	0	0	0	0	229	1001	63		0	0	0	105.00°			5.55 kg	0.006
466d	1	DH20 (U-BAR)	99g	1783	476	1341	0	0	0	0	0	481		107		0	0	0	105.00°			4.40 kg	0.004
467a	1	DH20 (U-BAR)	L	2192	1000	1242	0	0	0	0	0	0		0		0	0	0				5.41 kg	0.005
467b	1	DH20 (U-BAR)	99n	2231	1258	261	746	0	0	0	0	253		68		0	0	0	15.00°			5.50 kg	0.006
467c	1	DH20 (U-BAR)	99n	2252	1277	260	749	0	0	0	0	251		67		0	0	0	15.00°			5.55 kg	0.006
467d	1	DH20 (U-BAR)	99n	2294	1324	169	835	0	0	0	0	163		44		0	0	0	15.00°			5.66 kg	0.006
468a	1	DH20 (U-BAR)	99m	2089	761	232	1132	0	0	0	0	240	1001	66		0	0	0	105.00°			5.15 kg	0.005
468b	1	DH20 (U-BAR)	99m	2118	742	252	1161	0	0	0	0	259	1001	71		0	0	0	105.00°			5.22 kg	0.005
468c	1	DH20 (U-BAR)	99m	2259	789	204	1303	0	0	0	0	212	1001	58		0	0	0	105.00°			5.57 kg	0.006
469a	1	DH20 (U-BAR)	99n	2086	1115	181	825	0	0	0	0	175		47		0	0	0	15.00°			5.14 kg	0.005
469b	1	DH20 (U-BAR)	99n	2113	1144	141	863	0	0	0	0	137		37		0	0	0	15.00°			5.21 kg	0.005
469c	1	DH20 (U-BAR)	99n	2258	1286	195	812	0	0	0	0	188		50		0	0	0	15.00°			5.57 kg	0.006
470a	1	DH20 (U-BAR)	L	2075	1000	1125	0	0	0	0	0	0		0		0	0	0				5.12 kg	0.005
470b	1	DH20 (U-BAR)	L	2086	1000	1135	0	0	0	0	0	0		0		0	0	0				5.14 kg	0.005
470c	1	DH20 (U-BAR)	99m	2135	790	201	1180	0	0	0	0	210	1000	58		0	0	0	105.00°			5.27 kg	0.005
470d	1	DH20 (U-BAR)	99g	1741	472	1302	0	0	0	0	0	477		106		0	0	0	105.00°			4.29 kg	0.004
471a	1	DH20 (U-BAR)	99n	2082	1108	259	750	0	0	0	0	250		67		0	0	0	15.00°			5.13 kg	0.005
471b	1	DH20 (U-BAR)	99n	2091	1118	219	789	0	0	0	0	212		57		0	0	0	15.00°			5.16 kg	0.005
471c	1	DH20 (U-BAR)	99n	2135	1163	179	827	0	0	0	0	173		46		0	0	0	15.00°			5.27 kg	0.005
471d	1	DH20 (U-BAR)	99n	2259	1285	253	756	0	0	0	0	244		65		0	0	0	15.00°			5.57 kg	0.006
472a	1	DH20 (U-BAR)	99m	2231	734	260	1274	0	0	0	0	266	1000	73		0	0	0	105.00°			5.50 kg	0.006
472b	1	DH20 (U-BAR)	99m	2250	734	260	1293	0	0	0	0	266	1000	73		0	0	0	105.00°			5.55 kg	0.006
472c	1	DH20 (U-BAR)	99m	2297	745	248	1340	0	0	0	0	255	1000	70		0	0	0	105.00°			5.66 kg	0.006
473a	1	DH20 (U-BAR)	99n	2233	1257	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.51 kg	0.006
473b	1	DH20 (U-BAR)	99n	2252	1276	315	696	0	0	0	0	304		82		0	0	0	15.00°			5.55 kg	0.006
473c	1	DH20 (U-BAR)	99n	2297	1323	252	756	0	0	0	0	244		65		0	0	0	15.00°			5.66 kg	0.006
474a	1	DH20 (U-BAR)	99m	2198	734	260	1241	0	0	0	0	266	1000	73		0	0	0	105.00°			5.42 kg	0.005
474b	1	DH20 (U-BAR)	99m	2231	734	260	1274	0	0	0	0	266	1000	73		0	0	0	105.00°			5.50 kg	0.006
474c	1	DH20 (U-BAR)	99m	2244	734	260	1287	0	0	0	0	266	1000	73		0	0	0	105.00°			5.53 kg	0.006
474d	1	DH20 (U-BAR)	99m	2296	760	232	1340	0	0	0	0	240	1000	66		0	0	0	105.00°			5.66 kg	0.006
475a	1	DH20 (U-BAR)	99n	2199	1224	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.42 kg	0.005
475b	1	DH20 (U-BAR)	99n	2233	1257	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.51 kg	0.006
475c	1	DH20 (U-BAR)	99n	2245	1270	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.54 kg	0.006
475d	1	DH20 (U-BAR)	99n	2302	1328	225	783	0	0	0	0	217		58		0	0	0	15.00°			5.68 kg	0.006
476a	1	DH20 (U-BAR)	99m	2094	771	222	1138	0	0	0	0	230	1001	63		0	0	0	105.00°			5.16 kg	0.005
476b	1	DH20 (U-BAR)	99g	1605	472	1167	0	0	0	0	0	477		106		0	0	0	105.00°			3.96 kg	0.004
476c	1	DH20 (U-BAR)	99g	1635	472	1196	0	0	0	0	0	477		106		0	0	0	105.00°			4.03 kg	0.004
476d	1	DH20 (U-BAR)	99m	2179	820	170	1225	0	0	0	0	180	1000	50		0	0	0	105.00°			5.37 kg	0.005
476e	1	DH20 (U-BAR)	99m	2195	820	171	1241	0	0	0	0	180	1000	50		0	0	0	105.00°			5.41 kg	0.005
476f	1	DH20 (U-BAR)	99m	2229	785	207	1274	0	0	0	0	215	1000	59		0	0	0	105.00°			5.50 kg	0.005
476g	1	DH20 (U-BAR)	99m	2248	785	207	1293	0	0	0	0	215	1000	59		0	0	0	105.00°			5.54 kg	0.006
476h	1	DH20 (U-BAR)	99m	2296	766	226	1340	0	0	0	0	234	1000	64		0	0	0	105.00°			5.66 kg	0.006
TOTAL WEIGHT																						234.15 kg	0.234


<table border="1"> <tr><td>0</td><td>HO</td><td>29.09.2023</td><td>ISSUED FOR APPROVAL</td></tr> <tr><td>REV.</td><td>BY</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td>A3 Original</td><td></td><td></td><td>Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</td></tr> </table>				0	HO	29.09.2023	ISSUED FOR APPROVAL	REV.	BY	DATE	DESCRIPTION	A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied	SCALES 	DESIGNER 	CLIENT 	DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>	SERVICE PROVIDER 	DRAWN DESIGNED DRG CHECK DESIGN CHECK APPROVED	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-43 REV 0
0	HO	29.09.2023	ISSUED FOR APPROVAL																			
REV.	BY	DATE	DESCRIPTION																			
A3 Original			Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied																			

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
477a	1	DH20 (U-BAR)	99n	2091	1121	144	861	0	0	0	0	139		37		0	0	0	15.00°			5.16 kg	0.005
477b	1	DH20 (U-BAR)	99n	2119	1150	104	900	0	0	0	0	101		27		0	0	0	15.00°			5.23 kg	0.005
477c	1	DH20 (U-BAR)	L	2147	1000	1196	0	0	0	0	0	0		0		0	0	0				5.29 kg	0.005
477d	1	DH20 (U-BAR)	99n	2184	1209	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.39 kg	0.005
477e	1	DH20 (U-BAR)	99n	2199	1224	293	716	0	0	0	0	283		76		0	0	0	15.00°			5.42 kg	0.005
477f	1	DH20 (U-BAR)	99n	2232	1257	293	716	0	0	0	0	283		76		0	0	0	15.00°			5.50 kg	0.006
477g	1	DH20 (U-BAR)	99n	2252	1276	294	716	0	0	0	0	284		76		0	0	0	15.00°			5.55 kg	0.006
477h	1	DH20 (U-BAR)	99n	2296	1323	231	777	0	0	0	0	223		60		0	0	0	15.00°			5.66 kg	0.006
478a	1	DH20 (U-BAR)	99m	1635	771	222	678	0	0	0	0	230	1001	63		0	0	0	105.00°			4.03 kg	0.004
478b	1	DH20 (U-BAR)	99g	1136	472	697	0	0	0	0	0	477		106		0	0	0	105.00°			2.80 kg	0.003
478c	1	DH20 (U-BAR)	99g	1155	472	716	0	0	0	0	0	477		106		0	0	0	105.00°			2.85 kg	0.003
478d	1	DH20 (U-BAR)	99m	1690	819	172	736	0	0	0	0	181	1000	50		0	0	0	105.00°			4.17 kg	0.004
478e	1	DH20 (U-BAR)	99m	1700	819	172	746	0	0	0	0	182	1000	50		0	0	0	105.00°			4.19 kg	0.004
478f	1	DH20 (U-BAR)	99m	1746	785	207	790	0	0	0	0	215	1000	59		0	0	0	105.00°			4.31 kg	0.004
478g	1	DH20 (U-BAR)	99m	1758	785	207	803	0	0	0	0	215	1000	59		0	0	0	105.00°			4.34 kg	0.004
478h	1	DH20 (U-BAR)	99m	1789	785	207	833	0	0	0	0	215	1000	59		0	0	0	105.00°			4.41 kg	0.004
479a	1	DH20 (U-BAR)	99f	1662	1032	661	0	0	0	0	0	997		267		0	0	0	75.00°			4.10 kg	0.004
479b	1	DH20 (U-BAR)	99f	1681	1032	680	0	0	0	0	0	997		267		0	0	0	75.00°			4.15 kg	0.004
479c	1	DH20 (U-BAR)	99f	1700	1032	699	0	0	0	0	0	997		267		0	0	0	75.00°			4.19 kg	0.004
479d	1	DH20 (U-BAR)	99f	1719	1032	719	0	0	0	0	0	997		267		0	0	0	75.00°			4.24 kg	0.004
479e	1	DH20 (U-BAR)	99f	1729	1032	729	0	0	0	0	0	997		267		0	0	0	75.00°			4.26 kg	0.004
479f	1	DH20 (U-BAR)	99f	1774	1032	773	0	0	0	0	0	997		267		0	0	0	75.00°			4.37 kg	0.004
479g	1	DH20 (U-BAR)	99f	1787	1032	786	0	0	0	0	0	997		267		0	0	0	75.00°			4.41 kg	0.004
479h	1	DH20 (U-BAR)	99f	1817	1032	816	0	0	0	0	0	997		267		0	0	0	75.00°			4.48 kg	0.004
480a	1	DH20_PINK	99d	5888	296	4346	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	14.52 kg	0.015
480b	1	DH20_PINK	99d	4875	206	3424	280	1001	0	0	0	48	199	276	53	0	0	0	75.00°	5.16°	5.16°	12.02 kg	0.012
480c	1	DH20_PINK	99e	5826	148	4434	280	1001	0	0	0	48	164	276	22	0	0	0	105.00°	5.16°	5.16°	14.37 kg	0.014
480d	1	DH20_PINK	99e	5100	313	3543	280	1001	0	0	0	48	323	276	65	0	0	0	105.00°	5.16°	5.16°	12.58 kg	0.013
481a	1	DH20_PINK	99f	12000	6000	6000	0	0	0	0	0	360		5990		0	0	0	3.44°			29.59 kg	0.030
481b	1	DH20_PINK	99g	5525	5336	223	0	0	0	0	0	5175		1364		0	0	0	105.00°			13.63 kg	0.014
481c	1	DH20_PINK	99f	4376	4277	131	0	0	0	0	0	4131		1107		0	0	0	75.00°			10.79 kg	0.011
481d	1	DH20_PINK	99f	12000	7110	4891	0	0	0	0	0	425		7097		0	0	0	3.43°			29.59 kg	0.030
481e	1	DH20_PINK	99f	2776	1223	1553	0	0	0	0	0	73		1221		0	0	0	3.44°			6.85 kg	0.007
481f	1	DH20_PINK	99f	2782	1275	1508	0	0	0	0	0	77		1272		0	0	0	3.44°			6.86 kg	0.007
481g	1	DH20_PINK	99f	1181	1000	213	0	0	0	0	0	966		259		0	0	0	75.00°			2.91 kg	0.003
481h	1	DH20_PINK	99g	1116	149	1001	0	0	0	0	0	165		22		0	0	0	105.00°			2.75 kg	0.003
481i	1	DH20_PINK	99g	1189	1000	222	0	0	0	0	0	987		242		0	0	0	105.00°			2.93 kg	0.003
481j	1	DH20_PINK	99f	1117	148	1000	0	0	0	0	0	143		38		0	0	0	74.98°			2.75 kg	0.003
481k	1	DH20_PINK	99f	3244	206	3070	0	0	0	0	0	199		53		0	0	0	75.00°			8.00 kg	0.008
481l	1	DH20_PINK	99g	4195	148	4081	0	0	0	0	0	164		22		0	0	0	105.00°			10.35 kg	0.010
482a	1	DH20_PINK	99e	6336	313	4778	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	15.63 kg	0.016
482b	1	DH20_PINK	99e	7147	223	5680	280	1001	0	0	0	48	237	276	41	0	0	0	105.00°	5.16°	5.16°	17.63 kg	0.018
482c	1	DH20_PINK	99d	6018	156	4616	280	1001	0	0	0	48	151	276	40	0	0	0	75.00°	5.16°	5.16°	14.84 kg	0.015
482d	1	DH20_PINK	99d	7102	296	5559	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	17.51 kg	0.018
TOTAL WEIGHT																						354.61 kg	0.355

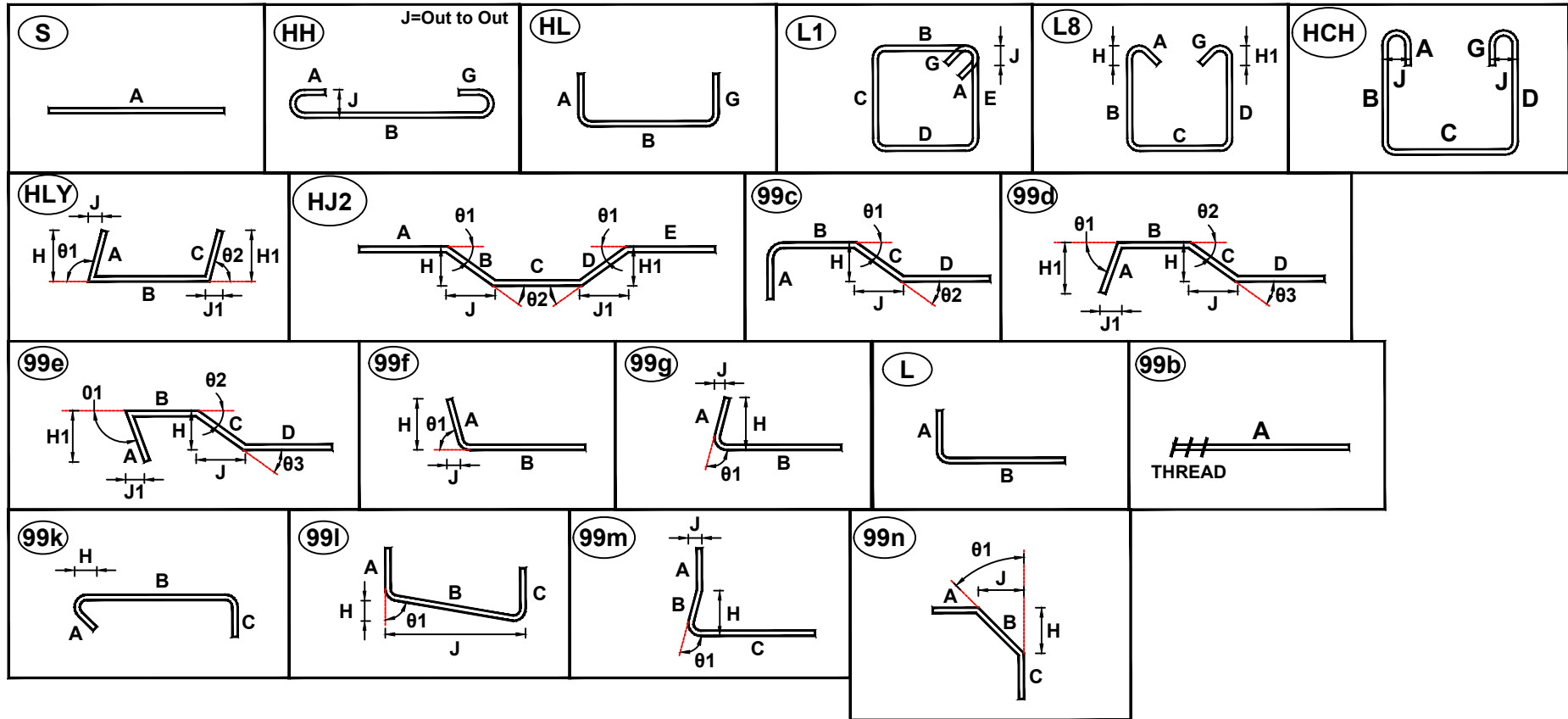
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_ CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-44 REV 0			
0 HO 29.09.2023 ISSUED FOR APPROVAL REV. BY DATE DESCRIPTION APPD.												SERVICE PROVIDER  DRAWN _____ DESIGNED _____ DRG CHECK _____ DESIGN CHECK _____ APPROVED _____							
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PROJECT:		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)															Revision:-			01			
MATERIAL FOR :		ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE															Date:-			02.11.2023			
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
481e	1	DH20_PINK	99f	2776	1223	1553	0	0	0	0	0	73		1221		0	0	0	3.44°			6.85 kg	0.007
481f	1	DH20_PINK	99f	2782	1275	1508	0	0	0	0	0	77		1272		0	0	0	3.44°			6.86 kg	0.007
481g	1	DH20_PINK	99f	1181	1000	213	0	0	0	0	0	966		259		0	0	0	75.00°			2.91 kg	0.003
481h	1	DH20_PINK	99g	1116	149	1001	0	0	0	0	0	165		22		0	0	0	105.00°			2.75 kg	0.003
481i	1	DH20_PINK	99g	1189	1000	222	0	0	0	0	0	987		242		0	0	0	105.00°			2.93 kg	0.003
481j	1	DH20_PINK	99f	1117	148	1000	0	0	0	0	0	143		38		0	0	0	74.98°			2.75 kg	0.003
481k	1	DH20_PINK	99f	3244	206	3070	0	0	0	0	0	199		53		0	0	0	75.00°			8.00 kg	0.008
481l	1	DH20_PINK	99g	4195	148	4081	0	0	0	0	0	164		22		0	0	0	105.00°			10.35 kg	0.010
482a	1	DH20_PINK	99e	6336	313	4778	280	1001	0	0	0	48	324	276	65	0	0	0	105.00°	5.16°	5.16°	15.63 kg	0.016
482b	1	DH20_PINK	99e	7147	223	5680	280	1001	0	0	0	48	237	276	41	0	0	0	105.00°	5.16°	5.16°	17.63 kg	0.018
482c	1	DH20_PINK	99d	6018	156	4616	280	1001	0	0	0	48	151	276	40	0	0	0	75.00°	5.16°	5.16°	14.84 kg	0.015
482d	1	DH20_PINK	99d	7102	296	5559	280	1001	0	0	0	48	286	276	77	0	0	0	75.00°	5.16°	5.16°	17.51 kg	0.018
483	2	DH20_PINK	99l	1253	206	889	223	0	0	0	0	214		880		0	0	0	75.00°			6.18 kg	0.006
484	6	DH20_PINK	99l	1745	206	1381	223	0	0	0	0	341		1355		0	0	0	75.00°			25.82 kg	0.026
485	1	DH20_PINK	99l	1715	206	1351	223	0	0	0	0	333		1326		0	0	0	75.00°			4.23 kg	0.004
486	1	DH20_PINK	99l	1707	206	1343	223	0	0	0	0	331		1318		0	0	0	75.00°			4.21 kg	0.004
487	16	DH20-ADDNL.	S	5290	5290	0	0	0	0	0	0	0		0		0	0	0				208.73 kg	0.209
488	16	DH20-ADDNL.	S	2000	2000	0	0	0	0	0	0	0		0		0	0	0				78.92 kg	0.079
489	2	DH20-ADDNL.	HH	1704	198	1304	0	0	0	0	198	0		140		0	0	0				8.40 kg	0.008
490	2	DH20-ADDNL.	HH	1607	198	1206	0	0	0	0	198	0		140		0	0	0				7.93 kg	0.008
491	2	DH20-ADDNL.	HH	1713	198	1313	0	0	0	0	198	0		140		0	0	0				8.45 kg	0.008
492	2	DH20-ADDNL.	HH	1611	198	1211	0	0	0	0	198	0		140		0	0	0				7.95 kg	0.008
492a	2	DH20-ADDNL.	HH	845	198	445	0	0	0	0	198	0		140		0	0	0				4.17 kg	0.004
493	1	DH20-ADDNL.	HH	1773	198	1372	0	0	0	0	198	0		140		0	0	0				4.37 kg	0.004
494	1	DH20-ADDNL.	HH	1663	198	1262	0	0	0	0	198	0		140		0	0	0				4.10 kg	0.004
495	1	DH20-ADDNL.	HH	1762	198	1361	0	0	0	0	198	0		140		0	0	0				4.35 kg	0.004
496	1	DH20-ADDNL.	HH	1684	198	1284	0	0	0	0	198	0		140		0	0	0				4.15 kg	0.004
497	80	DH16-ADDNL.	S	1000	1000	0	0	0	0	0	0	0		0		0	0	0				126.27 kg	0.126
498	4	DH16	HL	2522	1000	600	0	0	0	0	1000	0		0		0	0	0				15.92 kg	0.016
499	12	DH16	HL	2492	1000	570	0	0	0	0	1000	0		0		0	0	0				47.20 kg	0.047
500	4	DH16	HL	2642	1000	720	0	0	0	0	1000	0		0		0	0	0				16.68 kg	0.017
501	2	DH16	HL	2467	1000	545	0	0	0	0	1000	0		0		0	0	0				7.79 kg	0.008
502	2	DH16	HL	2452	1000	530	0	0	0	0	1000	0		0		0	0	0				7.74 kg	0.008
503	16	DH16	HL	2482	1000	560	0	0	0	0	1000	0		0		0	0	0				62.68 kg	0.063
TOTAL WEIGHT																					775.24 kg	0.775	

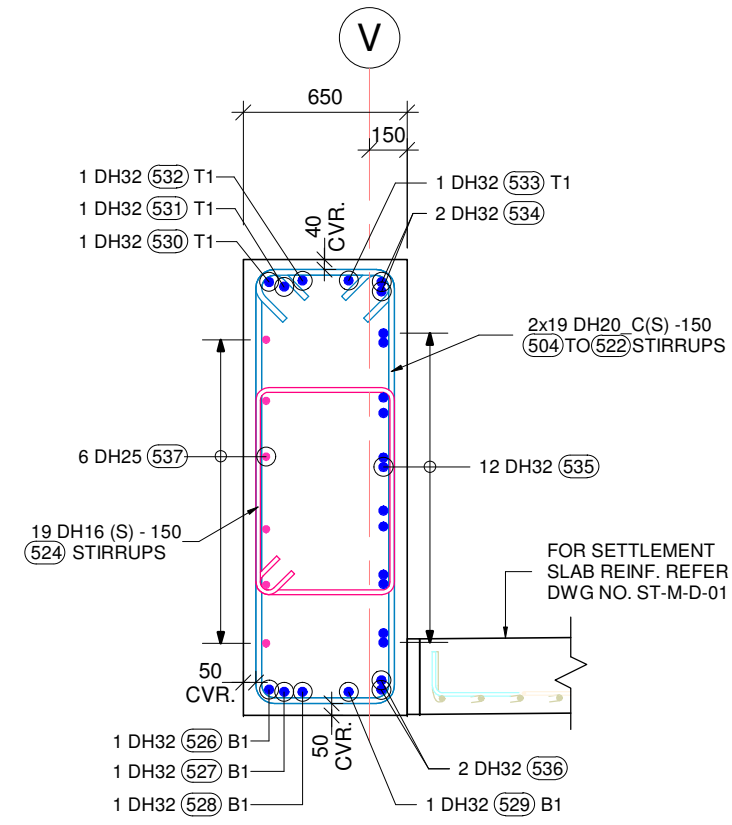
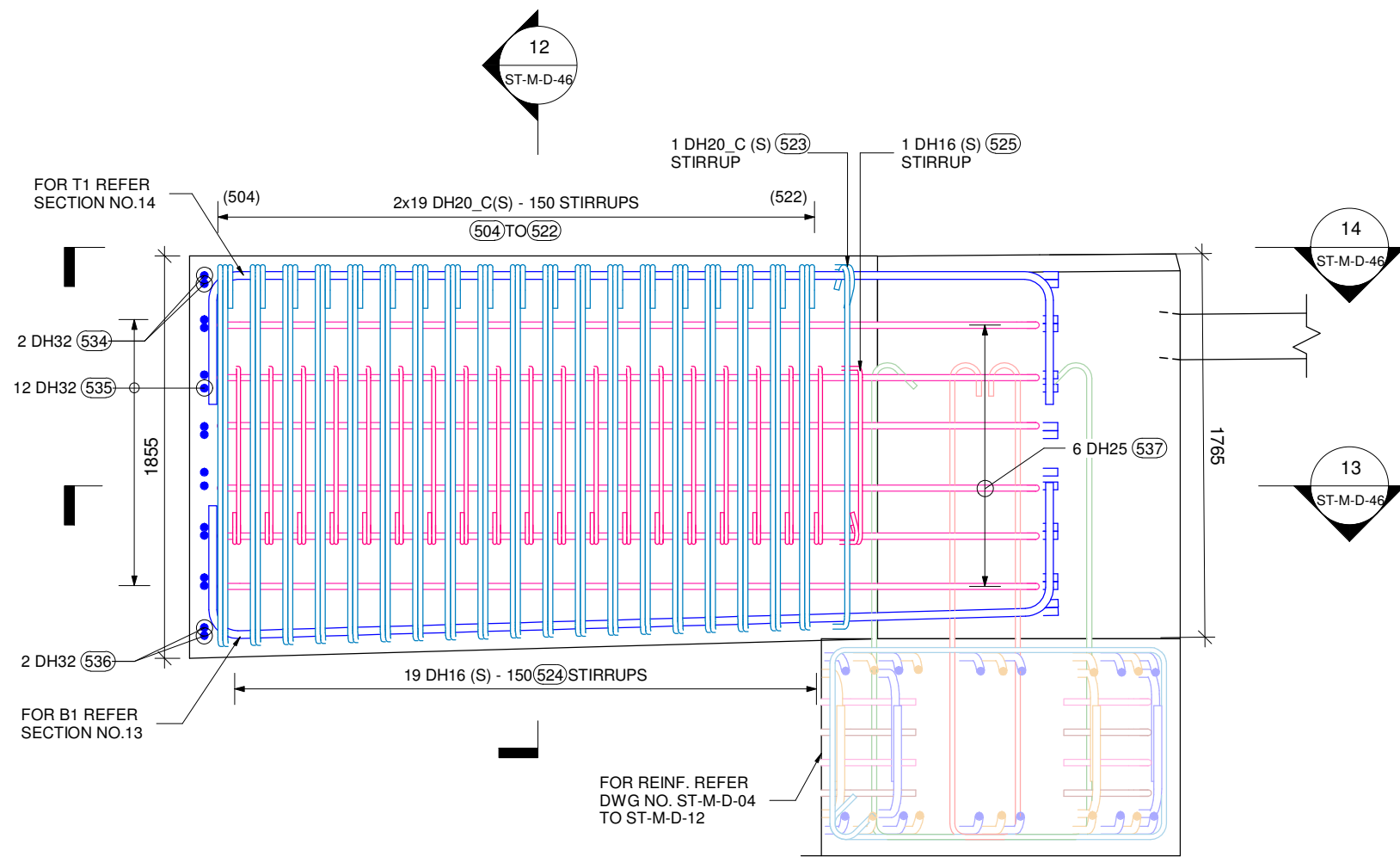
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_CROSSHEAD UPSTAND REINFORCEMENT BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET: (C) DRG No: ST-M-D-45 REV: 1			
1 HO 02.11.2023 REVISED AS PER COMMENTS 0 HO 29.09.2023 ISSUED FOR APPROVAL REV. BY DATE DESCRIPTION APPD.												SERVICE PROVIDER  DRAWN _____ DESIGNED _____ DRG CHECK _____ DESIGN CHECK _____ APPROVED _____							
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PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)

ABUTMENT - D_UPSTAND

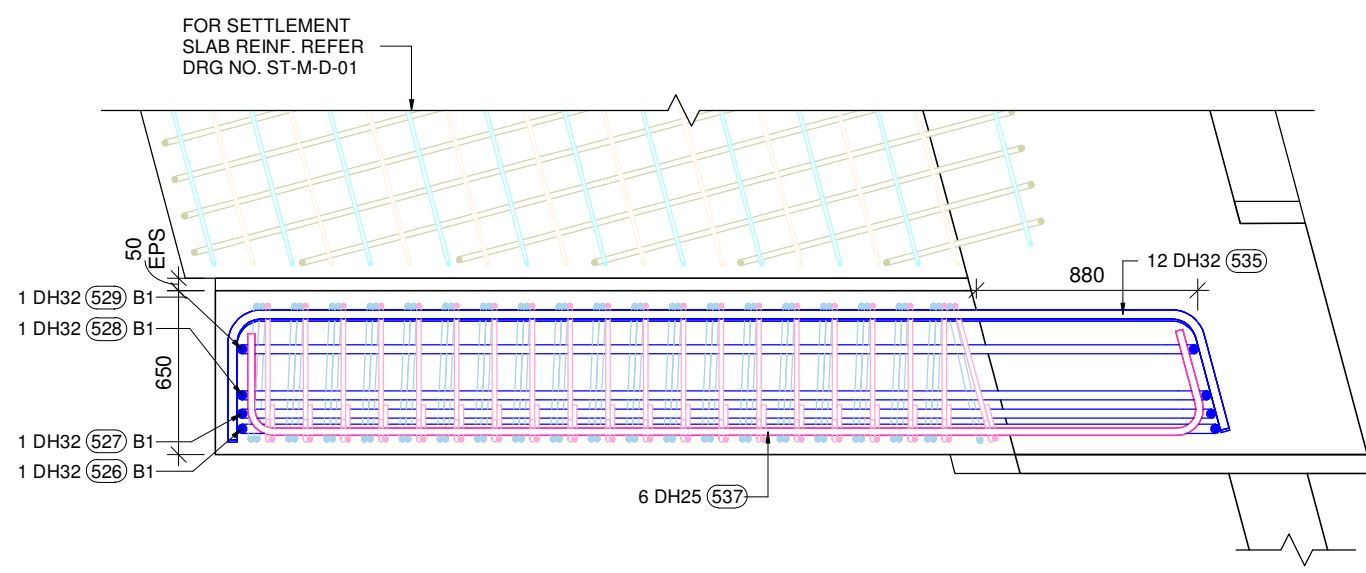


ALL LENGTHS OF REBAR IS OUT SIDE TO OUT SIDE.

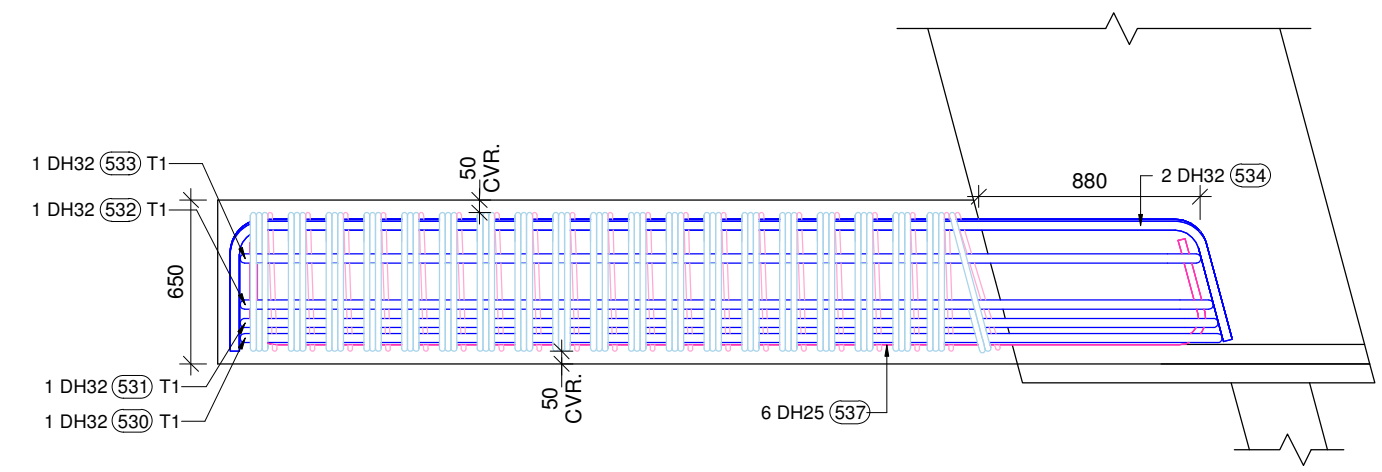


ABUTMENT - D OFF-BRIDGE EXTENSION REINFORCEMENT DETAIL (GRID-V)
SCALE 1 : 30

12 SECTION
ST-M-D-46 SCALE 1 : 30



13 SECTION
ST-M-D-46 SCALE 1 : 30



14 SECTION
ST-M-D-46 SCALE 1 : 30

REV.	BY	DATE	DESCRIPTION	APPD.
0	HD/RK	29.09.2023	ISSUED FOR APPROVAL	-

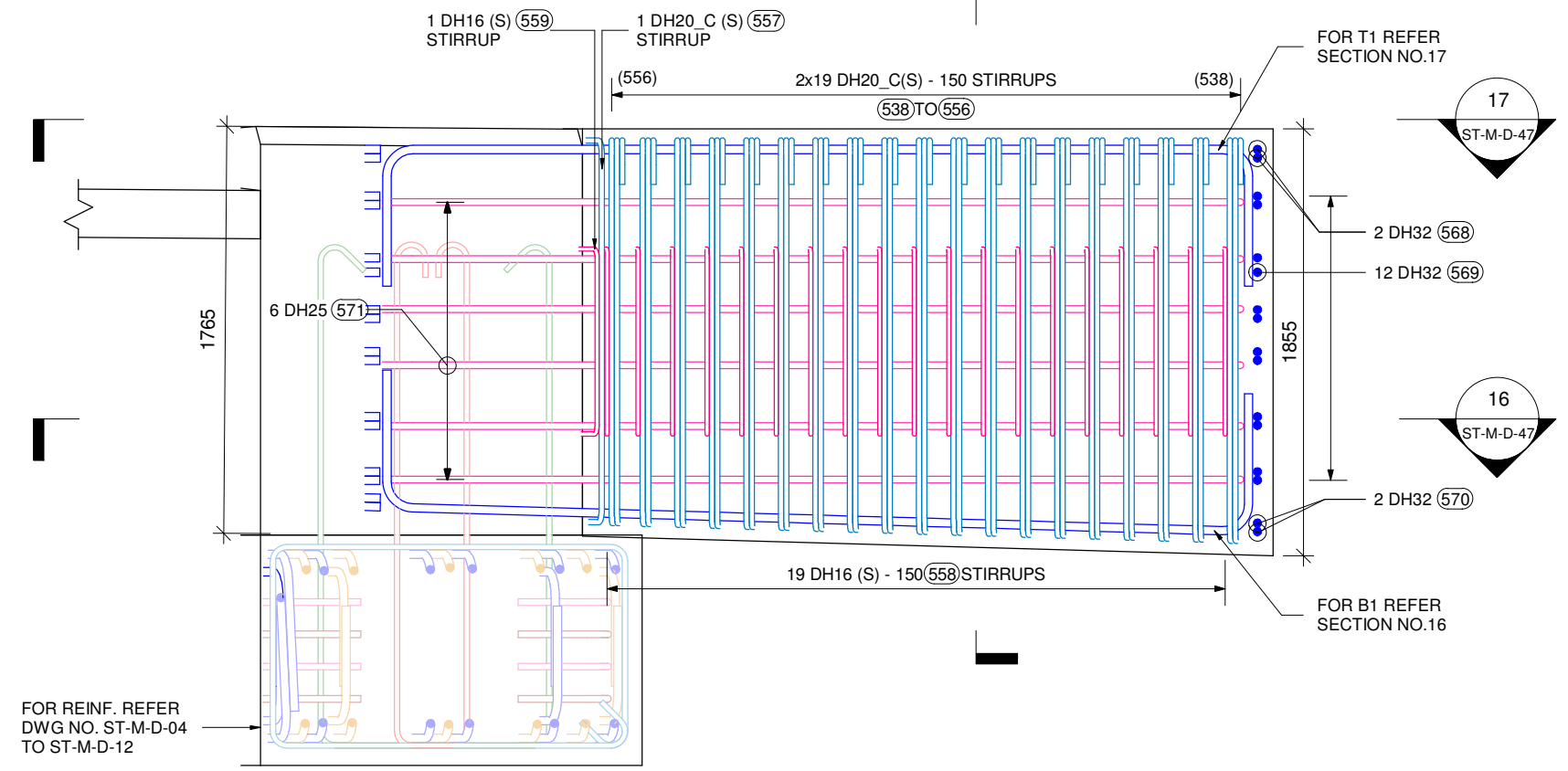
A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied

SCALES	DESIGNER	CLIENT
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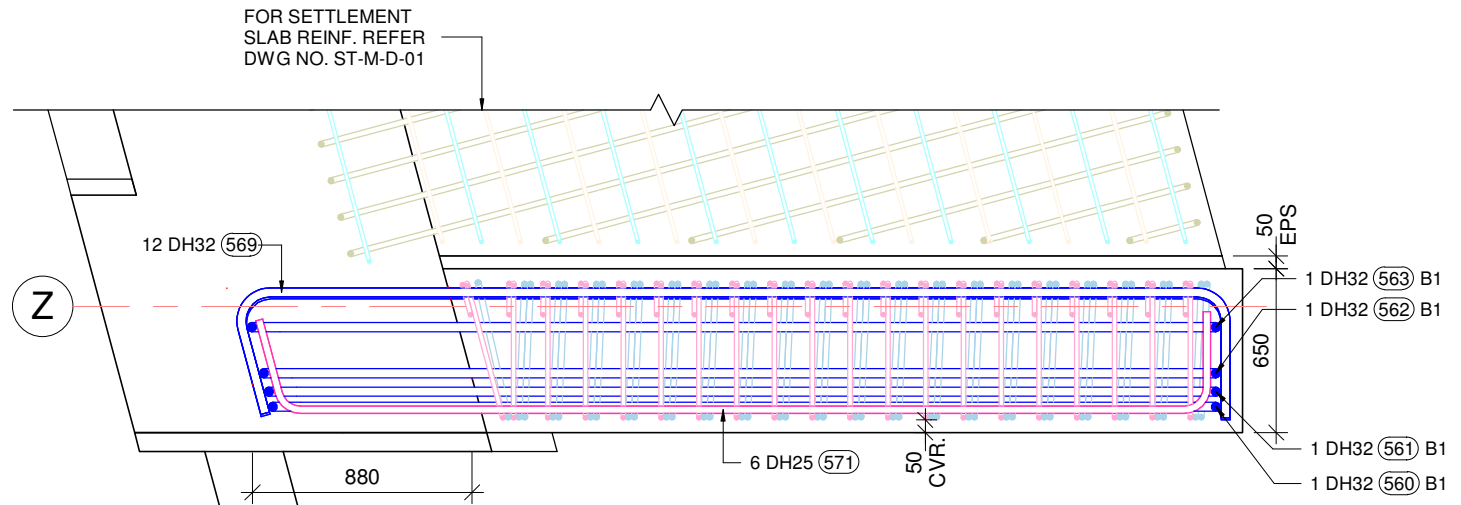
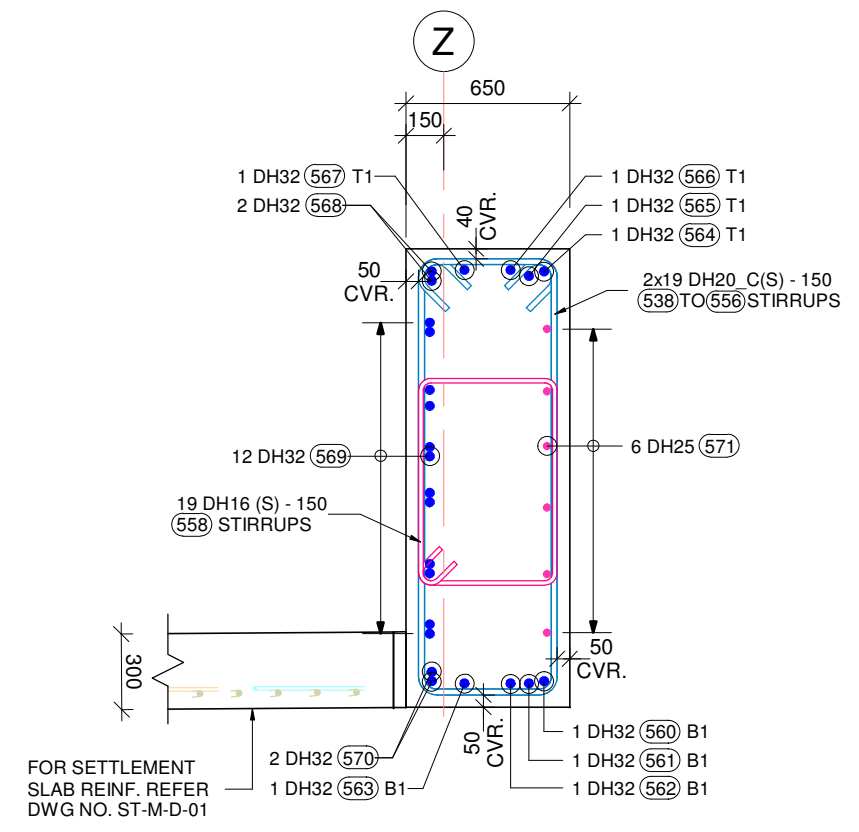
PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)		
ABUTMENT - D OFF-BRIDGE EXTENSION REINFORCEMENT DETAIL (GRID-V)		
STATUS: ISSUED FOR APPROVAL	SHEET	(C)
DRG No ST-M-D-46	REV	0

15
ST-M-D-47

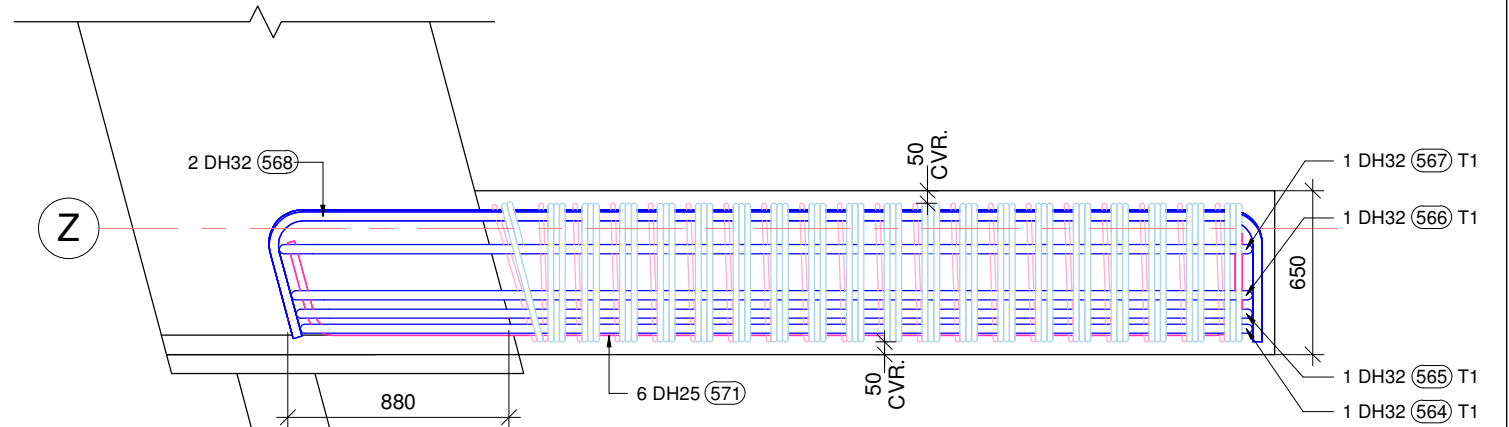


ABUTMENT - D OFF-BRIDGE EXTENSION REINFORCEMENT DETAIL (GRID-Z)
SCALE 1 : 30

15 SECTION
ST-M-D-47 SCALE 1 : 30



16 SECTION
ST-M-D-47 SCALE 1 : 30



17 SECTION
ST-M-D-47 SCALE 1 : 30

REV.	BY	DATE	DESCRIPTION	APPD.
0	HD/RK	29.09.2023	ISSUED FOR APPROVAL	-

A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied

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PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)
ABUTMENT - D OFF-BRIDGE EXTENSION REINFORCEMENT DETAIL (GRID-Z)


STATUS: ISSUED FOR APPROVAL SHEET (C)
DRG No ST-M-D-47 REV 0

PROJECT:	PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)	Revision:-	00
MATERIAL FOR :	ABUTMENT - D_OFF-BRIDGE EXTENSION REINFORCEMENT BAR BENDING SCHEDULE	Date:-	29.09.2023

Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
504	2	DH20_C (S)	L1	4856	191	550	1760	550	1760	0	191	0		119		0	0	0				23.95 kg	0.024
505	2	DH20_C (S)	L1	4846	191	550	1755	550	1755	0	191	0		119		0	0	0				23.90 kg	0.024
506	2	DH20_C (S)	L1	4838	191	550	1751	550	1751	0	191	0		119		0	0	0				23.86 kg	0.024
507	2	DH20_C (S)	L1	4829	191	550	1747	550	1747	0	191	0		119		0	0	0				23.82 kg	0.024
508	2	DH20_C (S)	L1	4821	191	550	1743	550	1743	0	191	0		119		0	0	0				23.78 kg	0.024
509	2	DH20_C (S)	L1	4812	191	550	1738	550	1738	0	191	0		119		0	0	0				23.73 kg	0.024
510	2	DH20_C (S)	L1	4804	191	550	1734	550	1734	0	191	0		119		0	0	0				23.69 kg	0.024
511	2	DH20_C (S)	L1	4795	191	550	1730	550	1730	0	191	0		119		0	0	0				23.65 kg	0.024
512	2	DH20_C (S)	L1	4787	191	550	1726	550	1726	0	191	0		119		0	0	0				23.61 kg	0.024
513	2	DH20_C (S)	L1	4778	191	550	1721	550	1721	0	191	0		119		0	0	0				23.57 kg	0.024
514	2	DH20_C (S)	L1	4770	191	550	1717	550	1717	0	191	0		119		0	0	0				23.53 kg	0.024
515	2	DH20_C (S)	L1	4761	191	550	1713	550	1713	0	191	0		119		0	0	0				23.48 kg	0.023
516	2	DH20_C (S)	L1	4753	191	550	1709	550	1709	0	191	0		119		0	0	0				23.44 kg	0.023
517	2	DH20_C (S)	L1	4744	191	550	1704	550	1704	0	191	0		119		0	0	0				23.40 kg	0.023
518	2	DH20_C (S)	L1	4736	191	550	1700	550	1700	0	191	0		119		0	0	0				23.36 kg	0.023
519	2	DH20_C (S)	L1	4727	191	550	1696	550	1696	0	191	0		119		0	0	0				23.31 kg	0.023
520	2	DH20_C (S)	L1	4719	191	550	1692	550	1692	0	191	0		119		0	0	0				23.28 kg	0.023
521	2	DH20_C (S)	L1	4710	191	550	1687	550	1687	0	191	0		119		0	0	0				23.23 kg	0.023
522	2	DH20_C (S)	L1	4703	191	550	1684	550	1684	0	191	0		119		0	0	0				23.20 kg	0.023
523	1	DH20_C (S)	L1	4733	191	569	1680	569	1680	0	191	0		119		0	0	0				11.67 kg	0.012
524	19	DH16 (S)	L1	2920	142	550	821	550	821	0	142	0		93		0	0	0				87.57 kg	0.088
525	1	DH16 (S)	L1	2957	142	569	821	569	821	0	142	0		93		0	0	0				4.67 kg	0.005
526	1	DH32	99l	4956	612	3895	612	0	0	0	0	107		3897		0	0	0	88.38°			31.29 kg	0.031
527	1	DH32	99l	4940	612	3879	612	0	0	0	0	106		3881		0	0	0	88.38°			31.19 kg	0.031
528	1	DH32	99l	4921	612	3859	612	0	0	0	0	106		3861		0	0	0	88.38°			31.07 kg	0.031
529	1	DH32	99l	4872	612	3810	612	0	0	0	0	104		3812		0	0	0	88.38°			30.76 kg	0.031
530	1	DH32	HL	4951	612	3897	0	0	0	0	612	0		0		0	0	0				31.26 kg	0.031
531	1	DH32	HL	4935	612	3881	0	0	0	0	612	0		0		0	0	0				31.16 kg	0.031
532	1	DH32	HL	4916	612	3861	0	0	0	0	612	0		0		0	0	0				31.04 kg	0.031
533	1	DH32	HL	4867	612	3812	0	0	0	0	612	0		0		0	0	0				30.73 kg	0.031
534	2	DH32	99i	4713	516	3850	485	0	0	0	0	469		126		0	0	0	75.00°			59.51 kg	0.060
535	12	DH32	99i	4711	516	3848	485	0	0	0	0	469		126		0	0	0	75.00°			356.91 kg	0.357
536	2	DH32	99i	4715	516	3852	485	0	0	0	0	469		126		0	0	0	75.00°			59.53 kg	0.060
537	6	DH25	99j	4489	404	3793	404	0	0	0	0	421		81		0	0	0	105.00°			103.79 kg	0.104
538	2	DH20_C (S)	L1	4857	191	550	1761	550	1761	0	191	0		119		0	0	0				23.96 kg	0.024
539	2	DH20_C (S)	L1	4846	191	550	1755	550	1755	0	191	0		119		0	0	0				23.90 kg	0.024
540	2	DH20_C (S)	L1	4838	191	550	1751	550	1751	0	191	0		119		0	0	0				23.86 kg	0.024
541	2	DH20_C (S)	L1	4829	191	550	1747	550	1747	0	191	0		119		0	0	0				23.82 kg	0.024
542	2	DH20_C (S)	L1	4821	191	550	1743	550	1743	0	191	0		119		0	0	0				23.78 kg	0.024
543	2	DH20_C (S)	L1	4812	191	550	1738	550	1738	0	191	0		119		0	0	0				23.73 kg	0.024
544	2	DH20_C (S)	L1	4804	191	550	1734	550	1734	0	191	0		119		0	0	0				23.69 kg	0.024
545	2	DH20_C (S)	L1	4795	191	550	1730	550	1730	0	191	0		119		0	0	0				23.65 kg	0.024
546	2	DH20_C (S)	L1	4787	191	550	1726	550	1726	0	191	0		119		0	0	0				23.61 kg	0.024
TOTAL WEIGHT																						1593.93 kg	1.594

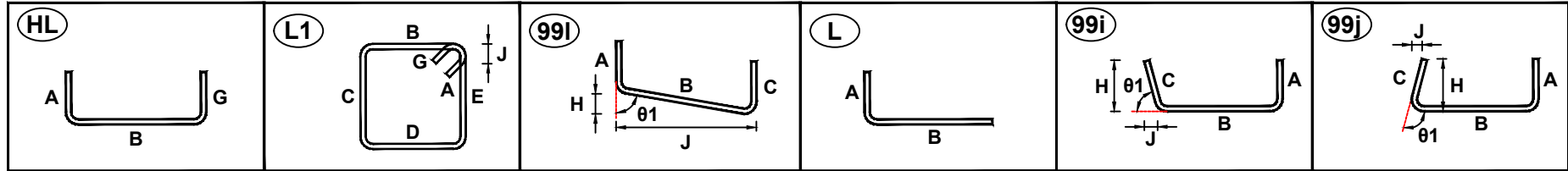
SCALES				DESIGNER				CLIENT				DISCLAIMER <small>The information shown on this drawing is for the purposes of the Nominated Project Only. No warranty is given or implied as to its suitability for any other purpose. The Service Providers accept no liability arising from the use of this drawing and the information shown thereon for any purpose other than the Nominated Project.</small>				PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE) ABUTMENT - D_OFF-BRIDGE EXTENSION BAR BENDING SCHEDULE STATUS: ISSUED FOR APPROVAL SHEET (C) DRG No ST-M-D-48 REV 0			
SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK							
				DESIGN CHECK				APPROVED											
0	HD/RK	29.09.2023	ISSUED FOR APPROVAL																
REV.	BY	DATE	DESCRIPTION	APPD.															
A3 Original				Co-ordinate System: WANGTM2000				Datum: NZGD2000				This sheet may be prepared using colour and may be incomplete if copied							

PROJECT:		PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)																Revision:-			00		
MATERIAL FOR :		ABUTMENT - D_OFF-BRIDGE EXTENSION REINFORCEMENT BAR BENDING SCHEDULE																Date:-			29.09.2023		
Mark	Quantity	Type	Shape	Bar Length	A	B	C	D	E	F	G	H	H1	J	J1	K	O	R	θ1	θ2	θ3	Weight Kg	Weight Tons
547	2	DH20_C (S)	L1	4778	191	550	1721	550	1721	0	191	0		119		0	0	0				23.57 kg	0.024
548	2	DH20_C (S)	L1	4770	191	550	1717	550	1717	0	191	0		119		0	0	0				23.53 kg	0.024
549	2	DH20_C (S)	L1	4761	191	550	1713	550	1713	0	191	0		119		0	0	0				23.48 kg	0.023
550	2	DH20_C (S)	L1	4753	191	550	1709	550	1709	0	191	0		119		0	0	0				23.44 kg	0.023
551	2	DH20_C (S)	L1	4744	191	550	1704	550	1704	0	191	0		119		0	0	0				23.40 kg	0.023
552	2	DH20_C (S)	L1	4736	191	550	1700	550	1700	0	191	0		119		0	0	0				23.36 kg	0.023
553	2	DH20_C (S)	L1	4727	191	550	1696	550	1696	0	191	0		119		0	0	0				23.31 kg	0.023
554	2	DH20_C (S)	L1	4719	191	550	1692	550	1692	0	191	0		119		0	0	0				23.28 kg	0.023
555	2	DH20_C (S)	L1	4710	191	550	1687	550	1687	0	191	0		119		0	0	0				23.23 kg	0.023
556	2	DH20_C (S)	L1	4703	191	550	1684	550	1684	0	191	0		119		0	0	0				23.20 kg	0.023
557	1	DH20_C (S)	L1	4733	191	569	1680	569	1680	0	191	0		119		0	0	0				11.67 kg	0.012
558	19	DH16 (S)	L1	2920	142	550	821	550	821	0	142	0		93		0	0	0				87.57 kg	0.088
559	1	DH16 (S)	L1	2958	142	569	821	569	821	0	142	0		93		0	0	0				4.67 kg	0.005
560	1	DH32	99l	4837	612	3775	612	0	0	0	0	103		3778		0	0	0	88.38°			30.54 kg	0.031
561	1	DH32	99l	4853	612	3791	612	0	0	0	0	104		3794		0	0	0	88.38°			30.64 kg	0.031
562	1	DH32	99l	4873	612	3811	612	0	0	0	0	104		3813		0	0	0	88.38°			30.76 kg	0.031
563	1	DH32	99l	4920	612	3859	612	0	0	0	0	106		3861		0	0	0	88.38°			31.06 kg	0.031
564	1	DH32	HL	4832	612	3778	0	0	0	0	612	0		0		0	0	0				30.51 kg	0.031
565	1	DH32	HL	4848	612	3794	0	0	0	0	612	0		0		0	0	0				30.61 kg	0.031
566	1	DH32	HL	4867	612	3813	0	0	0	0	612	0		0		0	0	0				30.73 kg	0.031
567	1	DH32	HL	4915	612	3861	0	0	0	0	612	0		0		0	0	0				31.03 kg	0.031
568	2	DH32	99j	4796	516	3940	480	0	0	0	0	502		95		0	0	0	105.00°			60.56 kg	0.061
569	12	DH32	99j	4798	516	3942	480	0	0	0	0	502		95		0	0	0	105.00°			363.50 kg	0.363
570	2	DH32	99j	4797	516	3941	480	0	0	0	0	502		95		0	0	0	105.00°			60.57 kg	0.061
571	6	DH25	99i	4365	404	3691	380	0	0	0	0	367		98		0	0	0	75.00°			100.92 kg	0.101
TOTAL WEIGHT																						1169.12 kg	1.169

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SERVICE PROVIDER				DRAWN				DESIGNED				DRG CHECK								DESIGN CHECK			
																							
<small>0 HD/RK 29.09.2023 ISSUED FOR APPROVAL</small>																							
<small>REV. BY DATE DESCRIPTION APPD.</small>																							
<small>A3 Original Co-ordinate System: WANGTM2000 Datum: NZGD2000 This sheet may be prepared using colour and may be incomplete if copied</small>																<small>STATUS: ISSUED FOR APPROVAL SHEET (C)</small>				<small>DRG No ST-M-D-49 REV 0</small>			

PEACOCKE WHATUKOORURU DRIVE (MANGAKOOTUKUTUKU BRIDGE)

ABUTMENT - D OFF-BRIDGE EXTENSION BEAM



ALL LENGTHS OF REBAR IS OUT SIDE TO OUT SIDE.