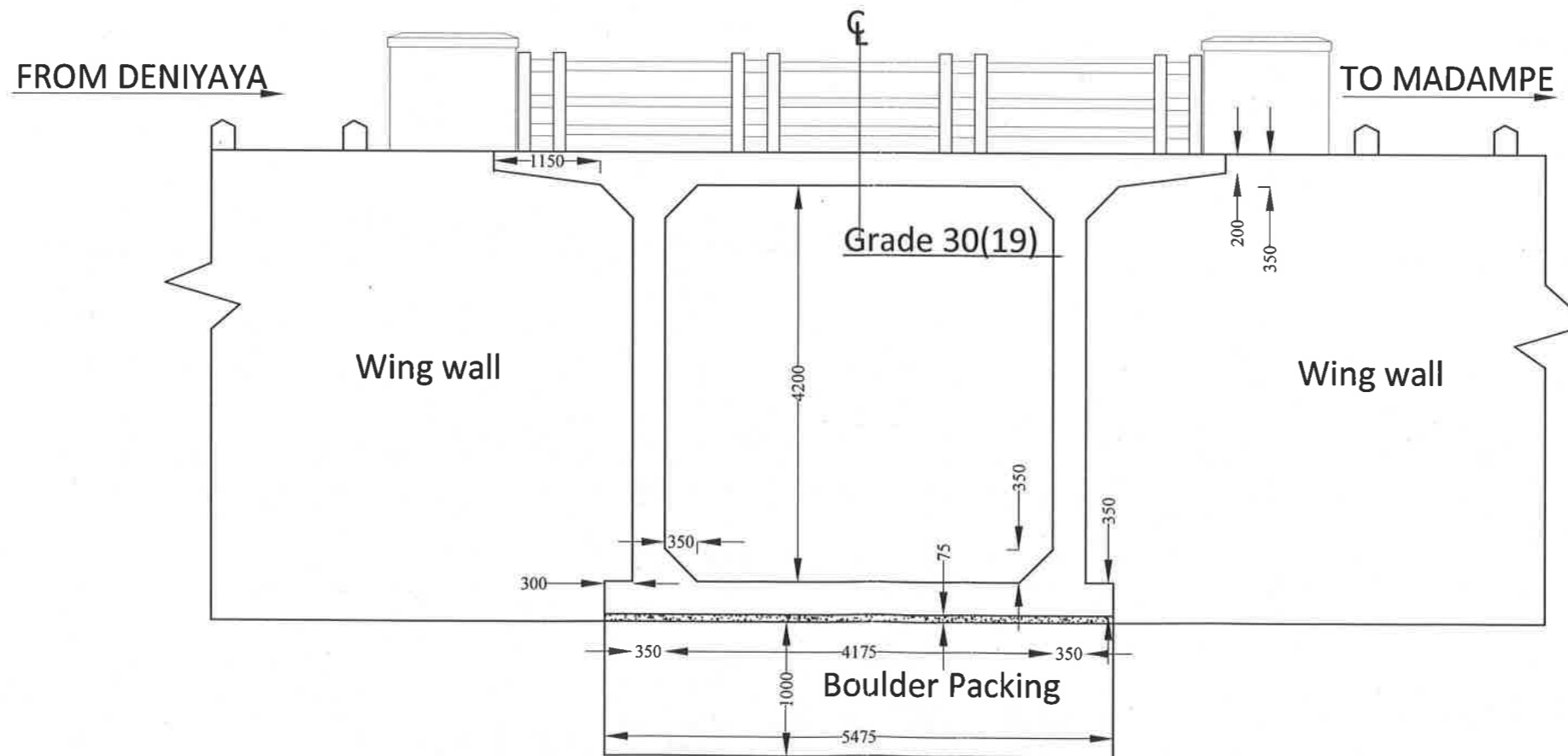


BOX LAYOUT



ELEVATION



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MINISTRY OF ROADS & HIGHWAYS



ROAD DEVELOPMENT AUTHORITY

EE OFFICE (EMBLIPITIYA), NEW TOWN, EMBLIPITIYA
TEL : 047-2230525 FAX : 047-2230525 email : eeembil@rda.gov.lk

PROJECT : Reconstruction Of Bridge No. 93/4 In GDM Road

DRAWING TITLE : Plan & Elevation

SCALE :

SURVEYED : M.A.C. Kumara
(EXECUTIVE ENGINEER)

DESIGNED : M.A.C. Kumara
(EXECUTIVE ENGINEER)

DRAWN : M.A.C. KUMARA
(EXECUTIVE ENGINEER)

CHECKED :

C.E. (DESIGN) :

P.D. (SAB) :

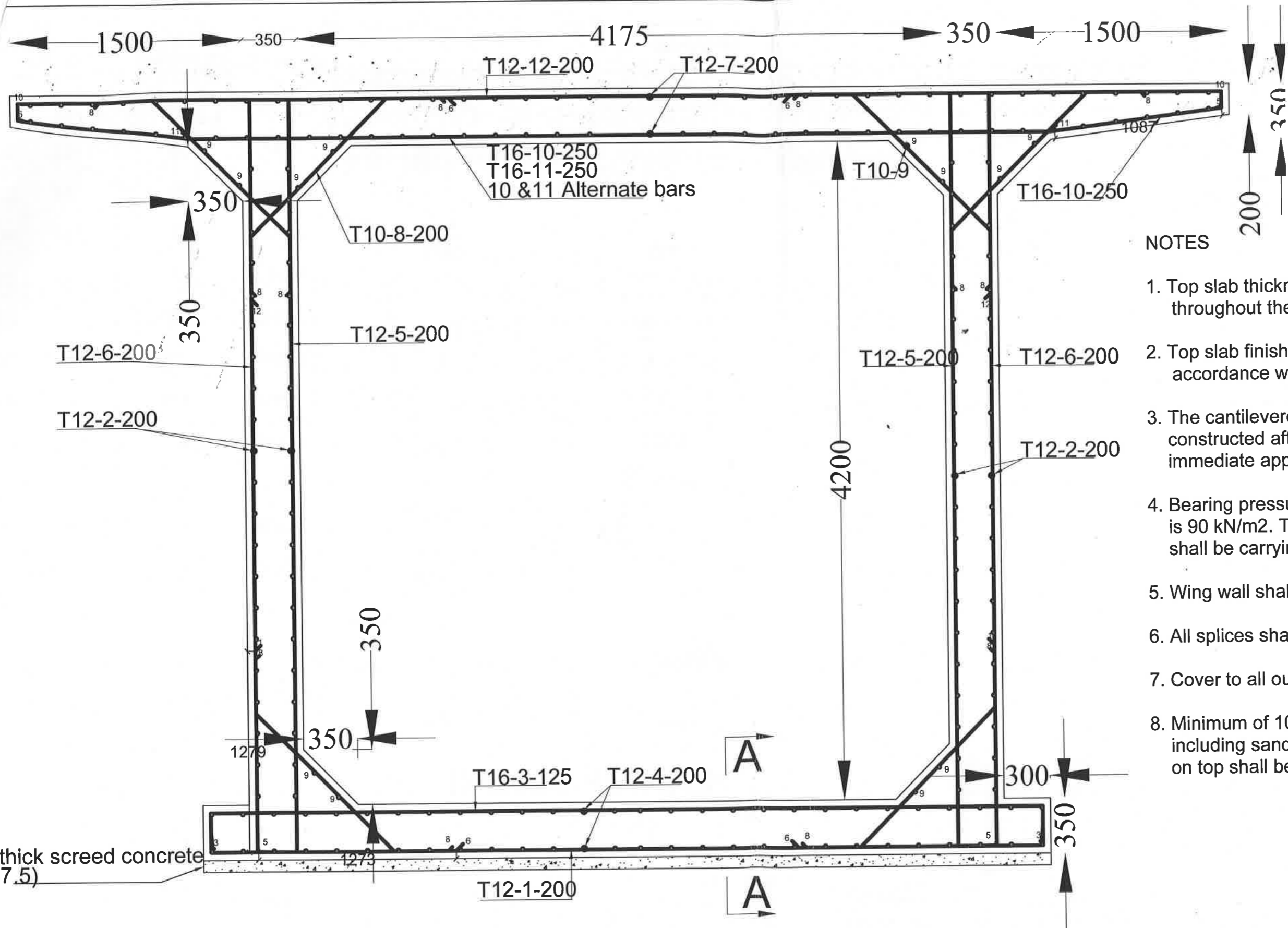
DATE : 29/2/2020

DRAWING No : PD/SAB/EE/EMB/93,4/1

FILE No : EE/EMB/EST/BR/2020

REV DESCRIPTION

BY DATE





NOTES

1. Top slab thickness is constant throughout the bridge.
2. Top slab finish level will be in accordance with road finish levels.
3. The cantilevered approach slab shall be constructed after, well compaction of the immediate approach filling.
4. Bearing pressure under the base slab is 90 kN/m². The subgrade material shall be carrying this pressure.
5. Wing wall shall be decided at site.
6. All splices shall be 50 * Bar dia
7. Cover to all outer r/f is 50mm
8. Minimum of 1000 mm Boulder packing including sand & 40mm aggregate layer on top shall be used under bottom slab.

R/F DETAILS OF CULVERT

mm thick screed concrete
6 (37.5)

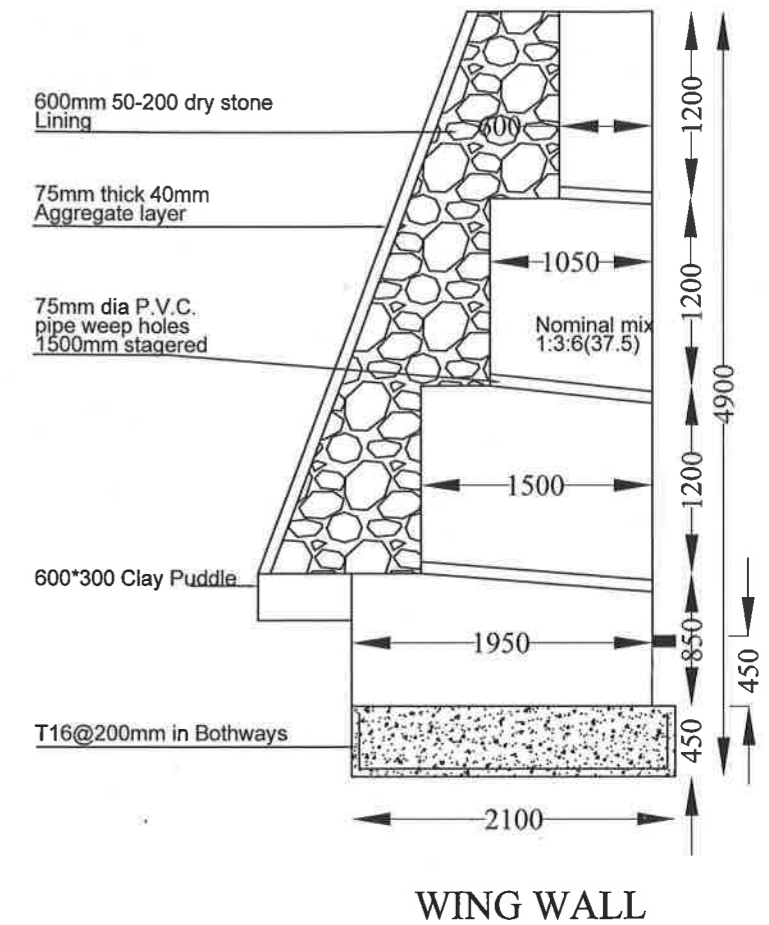
REV	DESCRIPTION	BY	DATE


DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
 MINISTRY OF ROADS & HIGHWAYS

ROAD DEVELOPMENT AUTHORITY
EE OFFICE (EMBILIPITIYA), NEW TOWN, EMBILIPITIYA.
 TEL : 047-2230525 FAX : 047-2230525 email : eeembil@rda.gov.lk

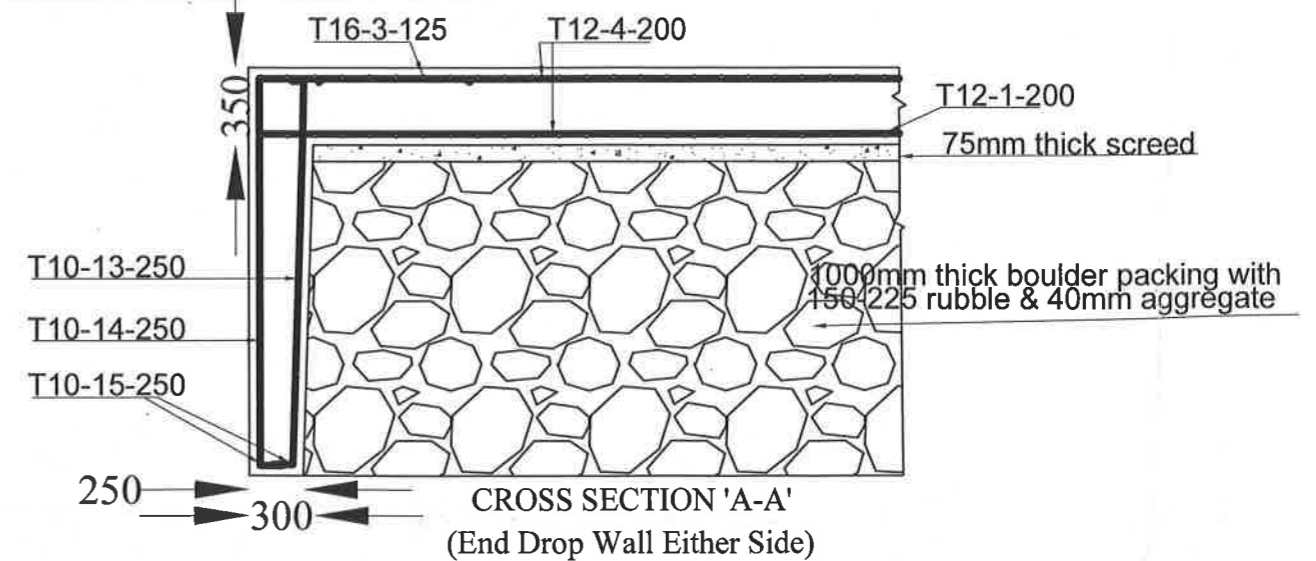
PROJECT : Reconstruction Of Bridge No. 93/4 In GDM Road
 DRAWING TITLE : R/F Details of Box Culvert

SCALE :	C.E. (DESIGN) :
SURVEYED : M.A.C. Kumara (EXECUTIVE ENGINEER)	P.D. (SAB) :
DESIGNED : M.A.C. Kumara (EXECUTIVE ENGINEER)	DATE : 29/2/2020
DRAWN : M.A.C. KUMARA (EXECUTIVE ENGINEER)	DRAWING No : PD/SAB/EE/EMB/93,4/2
CHECKED :	FILE No : EE/EMB/EST/BR/2020

RK	DIA (mm)	TYPE	No. Of BARS	CUT LENGTH(mm)	SHAPE
01	12	T	56	6985	
02	12	T	98	10900	
03	16	89	5075		
04	12	T	48	10900	
05	12	T	110	6790	
06	12	T	110	7340	
07	12	T	80	10900	
08	10	T	336	1940	
09	10	T	12	10900	
10	16	T	45	8000	
11	16	T	45	5620	
12	12	T	56	7775	
13	10	T	135	1300	
14	10	T	135	2550	
15	10	T	12	4675-10900	



BAR SCHEDULE



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF ROADS & HIGHWAYS		PROJECT : Reconstruction Of Bridge No. 93/4 In GDM Road	SCALE : SURVEYED : M.A.C. Kumara (EXECUTIVE ENGINEER) DESIGNED : M.A.C. Kumara (EXECUTIVE ENGINEER) DRAWN : M.A.C. KUMARA (EXECUTIVE ENGINEER) CHECKED :	C.E. (DESIGN) : P.D. (SAB) : DATE : 29/2/2020 DRAWING No : PD/SAB/EE/EMB/93,4/3 FILE No : EE/EMB/EST/BR/2020	
ROAD DEVELOPMENT AUTHORITY EE OFFICE (EMBLIPITIYA), NEW TOWN, EMBLIPITIYA. TEL : 047-2230525 FAX : 047-2230525 email : eeembil@rda.gov.lk		DRAWING TITLE : Bar Schedule , End drop wall & Wingwall			
REV	DESCRIPTION	BY	DATE		