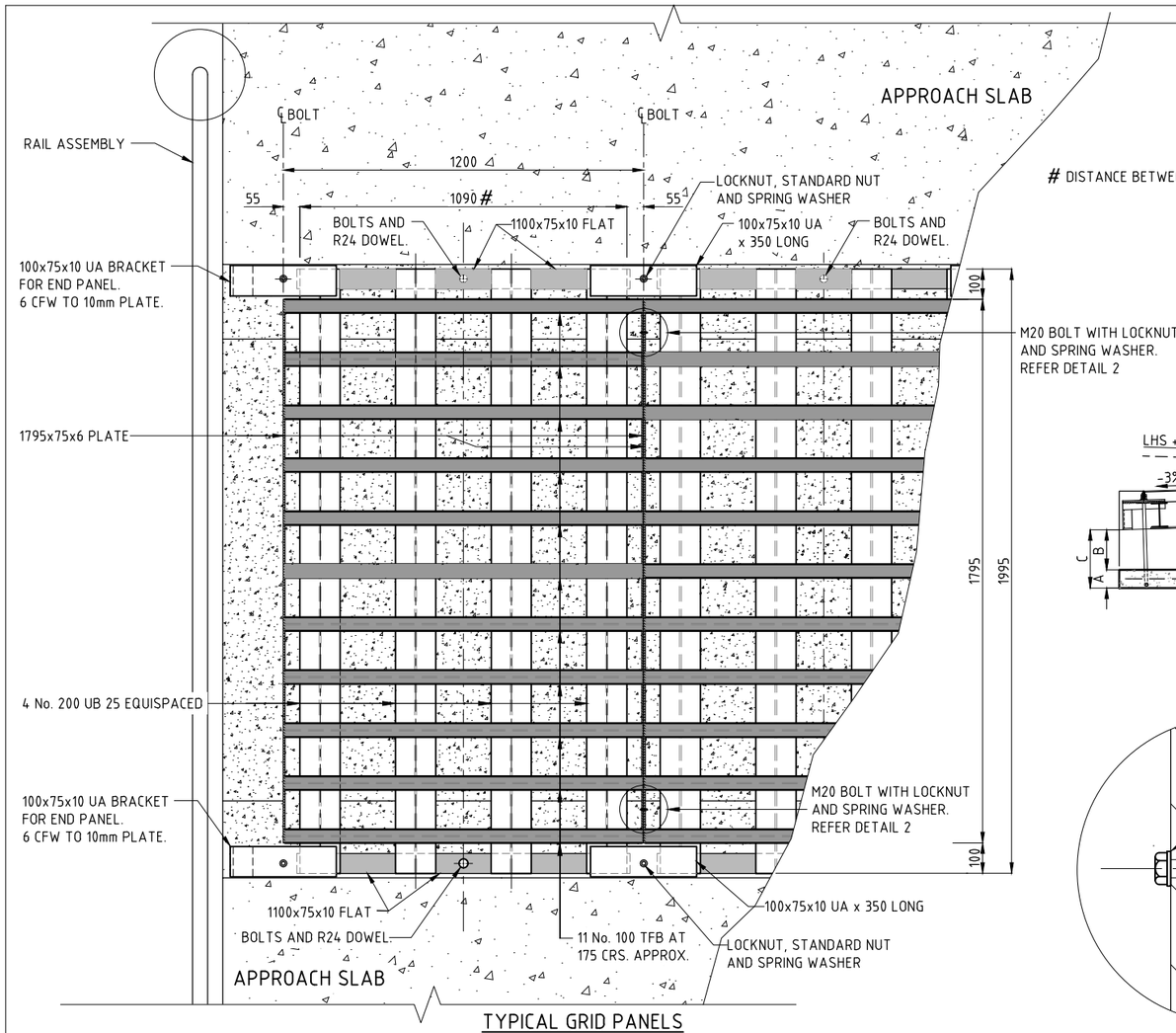


TYPICAL GRID PANELS

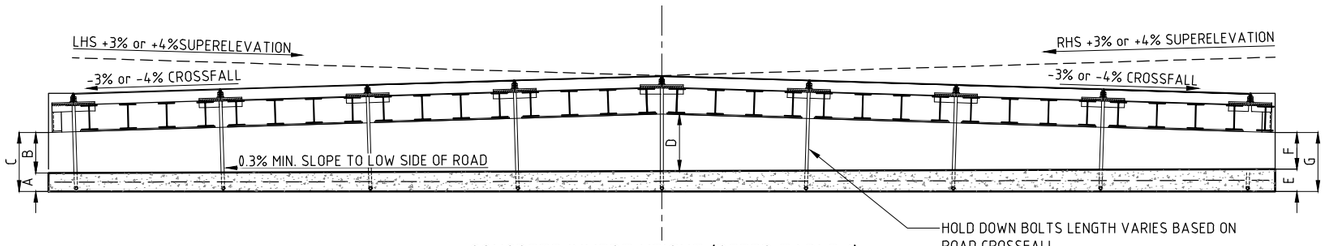
NOT TO SCALE

DISTANCE BETWEEN OUTSIDE OF 200 UB's FLANGES PER PANEL

TABLE 1

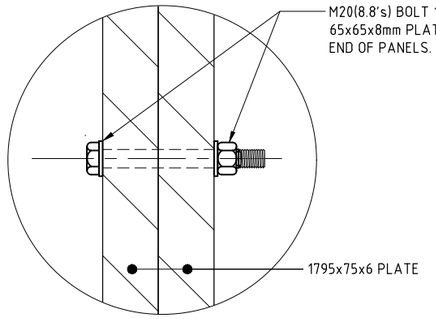
10m CARRIAGEWAY	A	B	C	D	E	F	G
3% 2 Way Crossfall	150	330	480	465	180	300	480
LHS -3% Superelevation	150	300	450	435	180	570	750
LHS +3% Superelevation	150	630	780	465	180	300	480
4% 2 Way Crossfall	150	330	480	0.515	180	300	480
LHS -3% Superelevation	150	300	450	0.485	180	670	850
LHS +3% Superelevation	150	730	880	0.515	180	300	480

12.4m CARRIAGEWAY	A	B	C	D	E	F	G
3% 2 Way Crossfall	150	330	480	465	180	300	480
LHS -3% Superelevation	150	300	450	435	180	570	750
LHS +3% Superelevation	150	630	780	465	180	300	480
4% 2 Way Crossfall	150	337	487	567	187	300	487
LHS -3% Superelevation	150	300	450	529	187	759	946
LHS +3% Superelevation	150	833	983	567	187	300	487



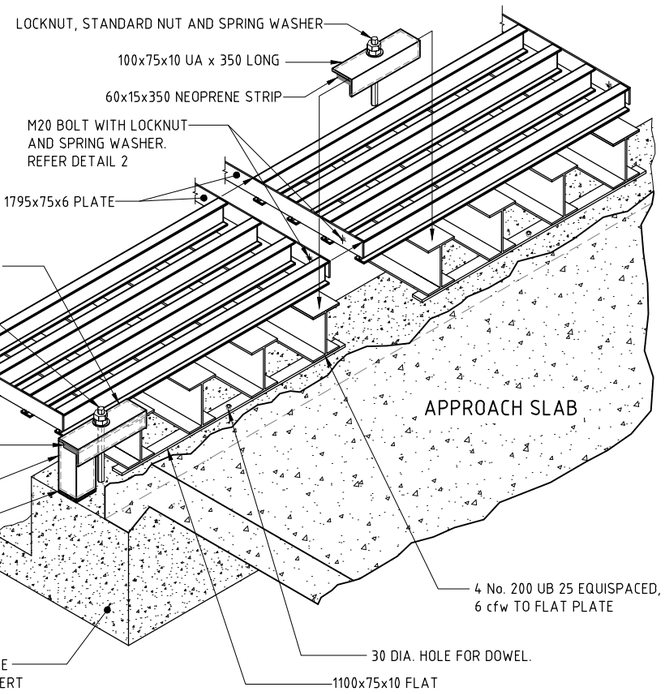
CONCRETE INVERT HEIGHT (REFER TABLE 1)

NOT TO SCALE



DETAIL 2

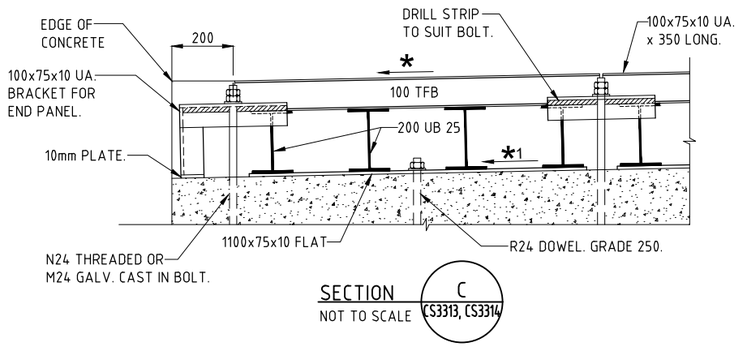
NOT TO SCALE



ISOMETRIC VIEW

STANDARD CATTLE GRID WITH APPROACH SLABS

NOT TO SCALE



SECTION C

NOT TO SCALE

CS3313, CS3314

* CROSSFALL TO MATCH ROAD CROSSFALL OR AS DIRECTED

*1 MINIMUM SLOPE 0.3% TO LOW SIDE OF ROAD

NOTE:

1. GRID DETAILS ARE APPLICABLE FOR USE WITH AND WITHOUT APPROACH SLABS.
2. COMPACT SUBGRADE BENEATH THE APPROACH SLABS AND THE CONCRETE INVERT TO 95% M.M.D.D. TO DEPTH OF 150mm MIN.
3. ALL CONCRETE WORK TO COMPLY WITH CURRENT AS3600
4. USE N32 CONCRETE.
5. CLEAR COVER TO REINFORCEMENT SHALL BE 50mm.
6. ALL EXPOSED CONCRETE SHALL HAVE STEEL TROWEL FINISH.
7. ALL STEEL WORK TO COMPLY WITH CURRENT AS4100
8. ALL WELDS SHALL BE 6mm FILLET WELDS, CONTINUOUS FOR FULL PERIMETER OF CONTACT UNLESS NOTED OTHERWISE.
9. USE GRADE 4.6 BOLTS U.N.O.
10. RECOMPACT UNSEALED PAVEMENT, FULL WIDTH, TO 95% M.M.D.D. 15m BOTH SIDES OF CONCRETE WORKS.
11.

NOMINAL FORMATION WIDTH	9000	11000
No. OF GRID PANELS	8	10
TOTAL GRID WIDTH	10000	12400

12. USE DUROMETER HARDNESS 55 NEOPRENE RUBBER STRIP.
13. PROVIDE APPROACH SLAB UNLESS OTHERWISE SPECIFIED.
14. IF INSTALLING GRID ON SEALED ROAD, BACK FILL EXCAVATION TO UNDERSIDE OF PAVEMENT WITH SELECTED FILL, AND REINSTATE PAVEMENT AND SEAL. COMPACT ALL BACK FILL TO 95% M.M.D.D. & PAVEMENT TO 100% M.M.D.D.
15. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
16. READ IN CONJUNCTION WITH CS3313 AND CS3314.
17. CEMENT STABILISED BACKFILL WHERE NO APPROACH SLABS ARE USED. REFER TO STANDARD DRAWING CS3314.
18. CONTRACTOR TO ENGAGE SHOP DETAILER TO PRODUCE SHOP DRAWING PRIOR TO FABRICATION.
19. ALL STEEL MESH TO BE HOT DIPPED GALVANISED.
20. USE GRADE 350 STEEL MEMBERS

No.	DESCRIPTION	DATE	NAME	DEPT/COMPANY
2	ADDED NOTE 20	JAN 2024	N.V.	TCS/DIPL
1	NEW LAYOUT	JAN 2022	N.V.	DIPL
0	ISSUED AS A STANDARD DRAWING	SEPT 2017	J.LEESON	EES/DIPL

AMENDMENTS

WARNING

BEWARE OF UNDERGROUND SERVICES.
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

DRAWN J.LEESON	DATE JULY 2017	CHECKED S.HATZI	DATE JULY 2017
DESIGNED G.C.	DATE MAR 1996	CHECKED	DATE
DESIGN LEADER S.HATZI	DATE 1/09/2017	DESIGN DIRECTOR S.JACKSON	DATE 1/09/2017

Northern Territory Government

STANDARD DRAWINGS
KERBING, FENCING & LANDSCAPING

STANDARD CATTLE GRID DETAILS
SHEET 2 OF 2

FILE No.	ASSET No.	SHEET No.	DRAWING No.	AMEND.	SHEET SIZE
-	-	2 OF 2	CS3315	2	A1

CS3315_AMED_2 RELEASED 23/01/2024