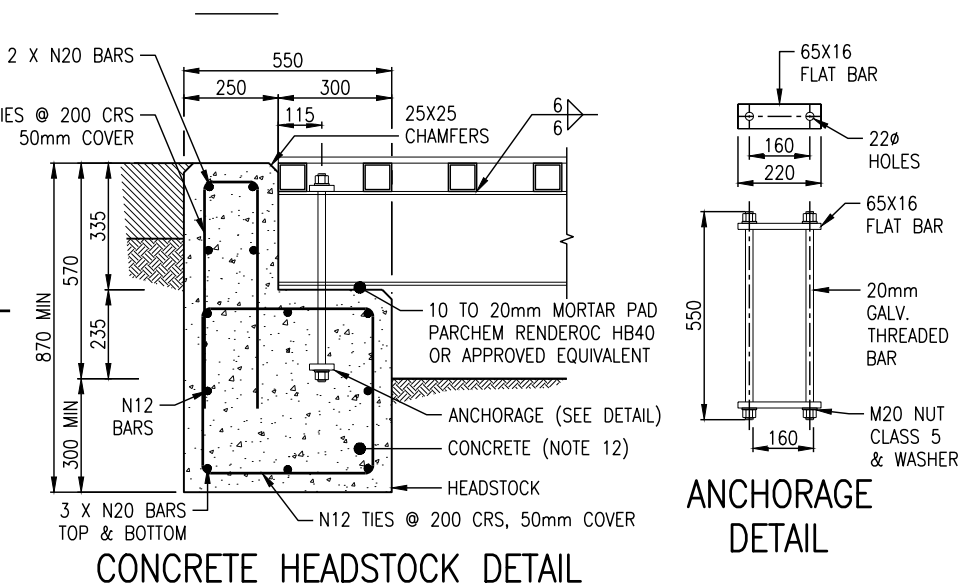
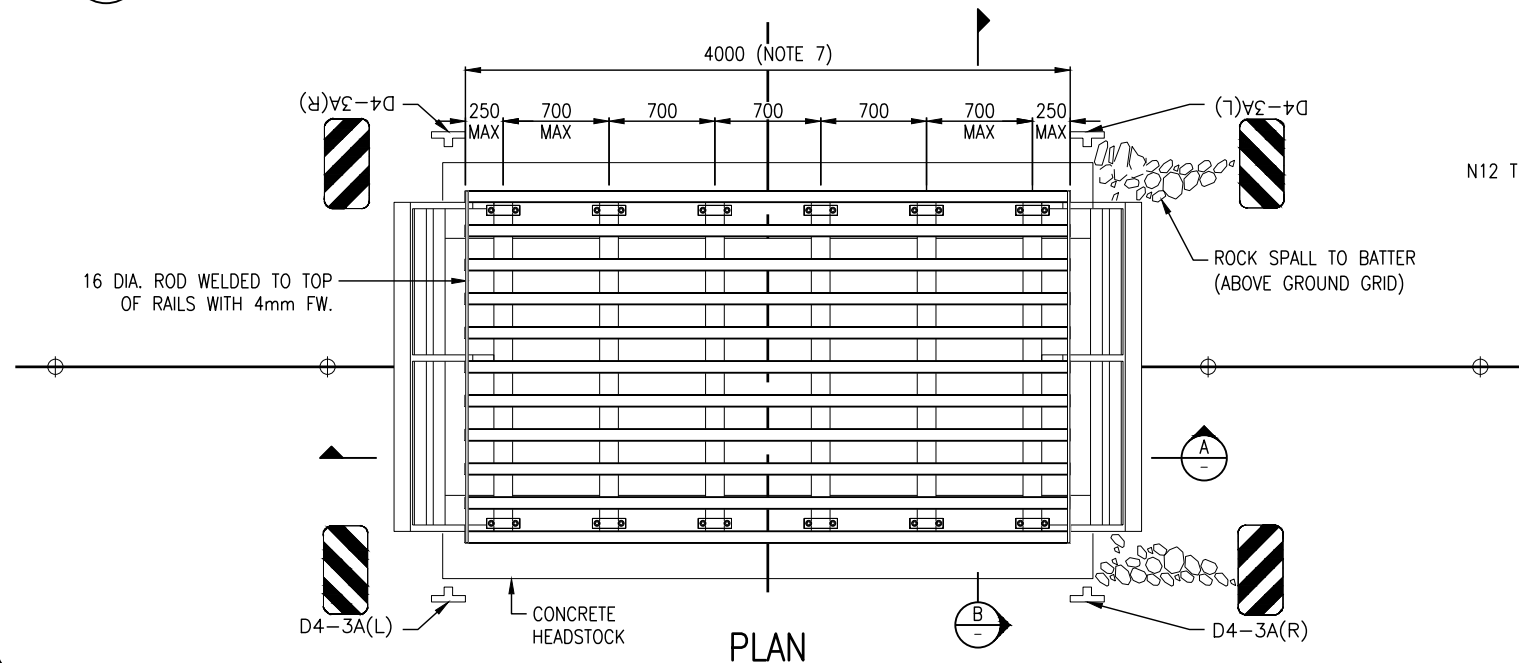
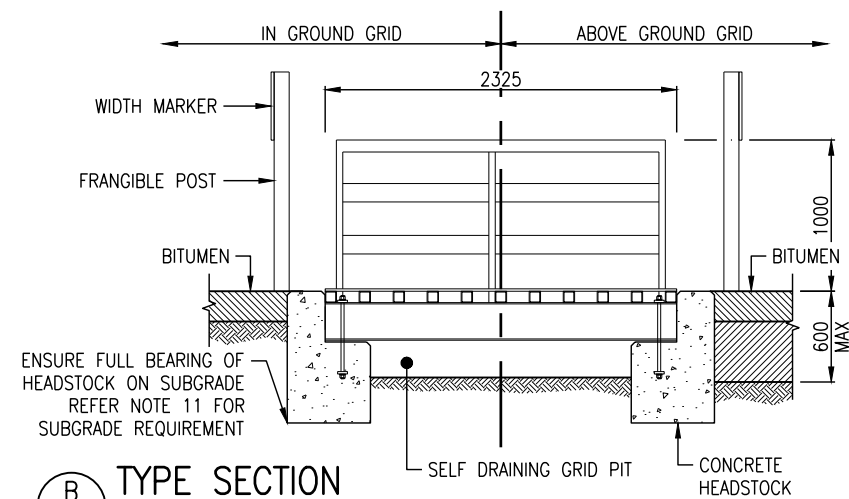
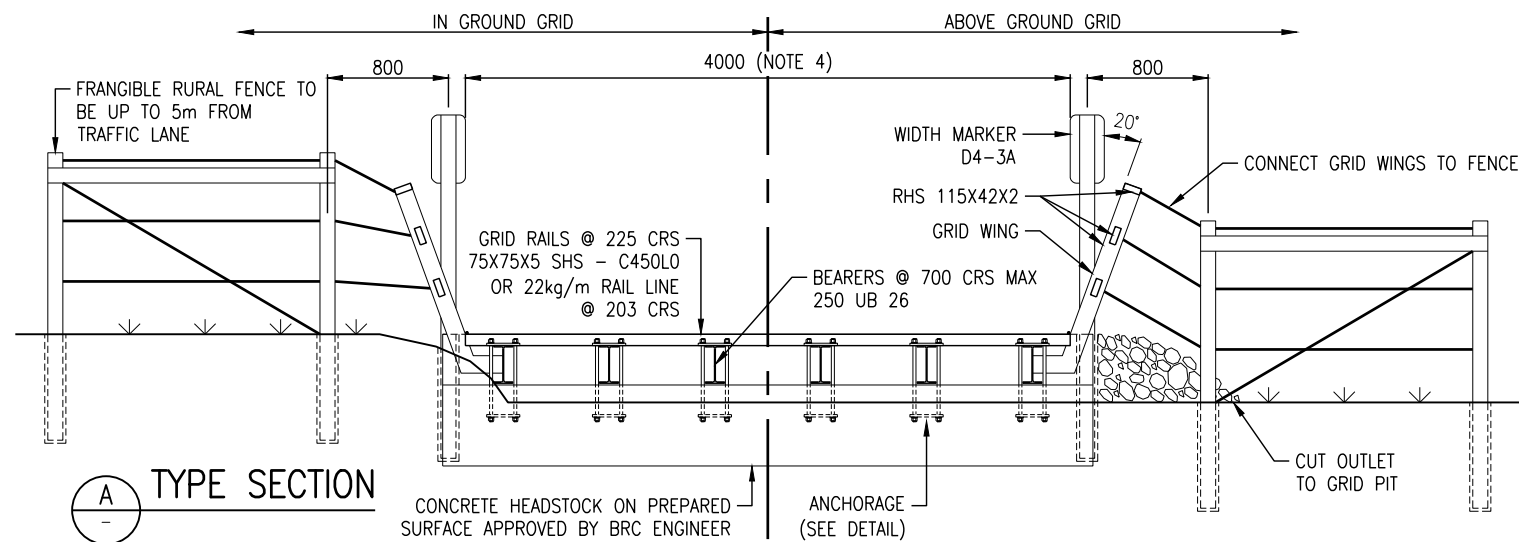
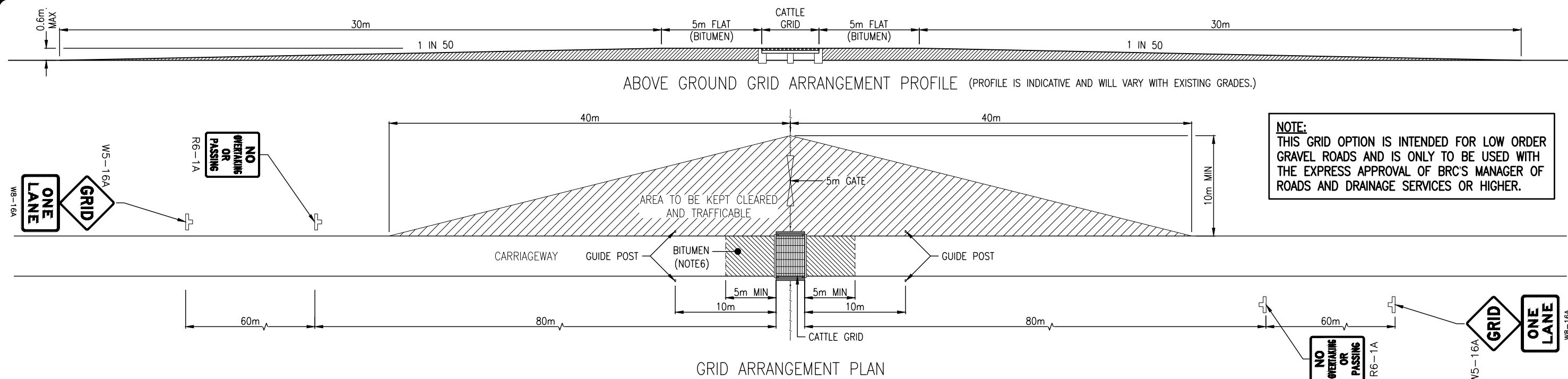




## NOTES

- CATTLE GRID DESIGN LIFE SHALL BE 50 YEARS.
- DESIGN TRAFFIC LOADS: 10 TONNE AXLE LOAD, 5 TONNE WHEEL LOAD. THESE LOADS ACCOUNT FOR STANDARD MASS RIGID TRUCKS, TRAILERS, SEMI-TRAILER COMBINATIONS, AND B-DOUBLES. DESIGN LOAD FACTORS TO AS 5100.2-2004.
- ALL WORK AND MATERIALS SHALL COMPLY WITH BUNDABERG REGIONAL COUNCIL (BRC) SPECIFICATIONS, STANDARDS, & COVERING APPROVAL LETTER.
- ALTERNATIVE CERTIFIED GRIDS RATED FOR THE SAME LOADS OR GREATER AND ALTERNATIVE FRANGIBLE WINGS MAY BE USED WHERE APPROVED BY BRC.
- GRID IS SUITABLE FOR IN GROUND OR ABOVE - SITE DEPENDANT.
- GRID APPROACH AND DEPARTURE TO HAVE PAVEMENT/SEAL AT EACH END WITH A MINIMUM OF 4m WIDE AND A LENGTH OF 5m. PAVEMENT AND SEAL AS DIRECTED BY BRC ENGINEER.
- MINIMUM UNOBSTRUCTED GRID WIDTH TO BE 4.0m UNLESS NOTED OTHERWISE (UNO) IN BRC APPROVAL LETTER.
- THE ROAD SIGNS SHOWN ON THIS PLAN ARE THE MINIMUM STANDARD AND SUBJECT TO CONDITIONS SETOUT IN COVERING APPROVAL LETTER.
- SIGNS TO BE ERECTED AS PER MUTCD.
- ALL EXPOSED STEELWORK INCLUDING HOLD DOWN BOLTS SHALL BE HOT-DIP GALVANISED.
- SUBGRADE BEARING PRESSURE TO BE MIN. 100kPa. MINIMUM SOAKED CBR 10%.
- CONCRETE GRADE IS TO BE N32 EXCEPT FOR LOCATIONS WITHIN 1km OF THE COAST WHERE N40 IS TO BE USED.
- ALL CONCRETE TO BE POURED AT 80 SLUMP & MECHANICALLY VIBRATED. CONCRETE IS TO BE MOIST CURED FOR 3 DAYS MINIMUM.
- ALL DIMENSIONS ARE IN MILLIMETRES UNO.

Scales

NOT TO SCALE

Revisions

Verified

Date

Quality Certification

Design: Verified:

Drawn: Tifa Checked:

Approved By Engineer: Date:

RPEQ:

A Original Issue



Cattle Grid

Standard  
Drawing

No.:

R2101

Sheet  
Size:

A3

Rev.:

A