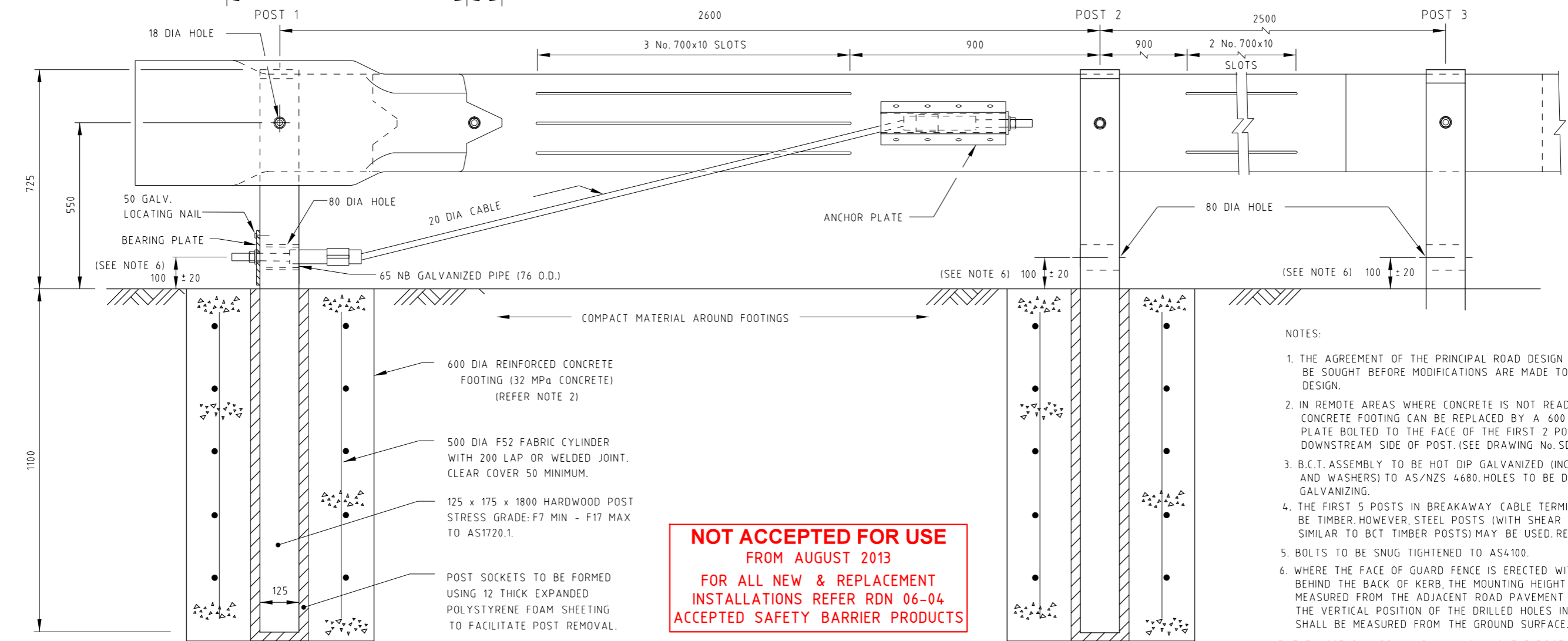
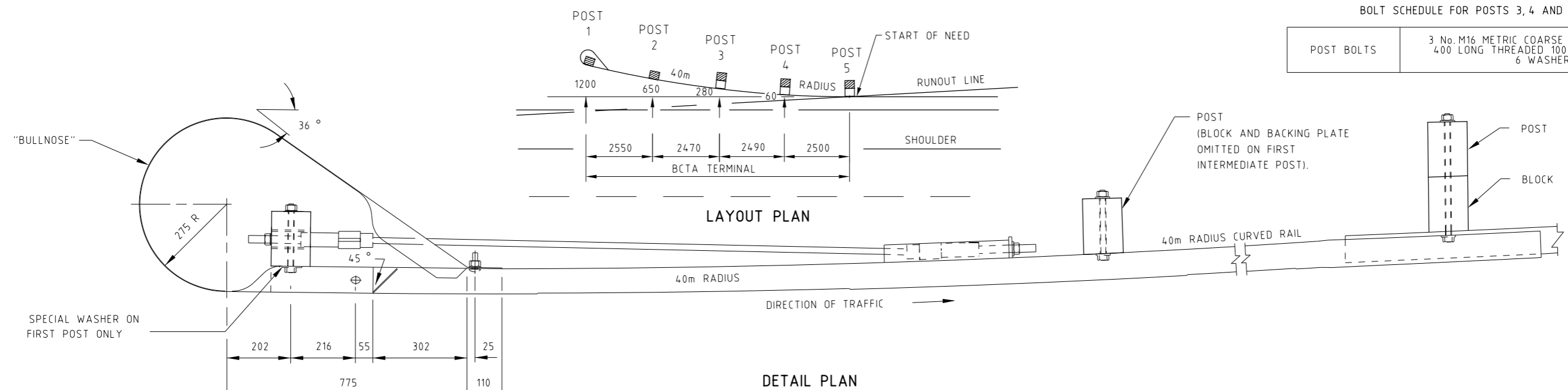


BOLT SCHEDULE FOR POSTS 3, 4 AND 5 OF BCTA

POST BOLTS	3 No. M16 METRIC COARSE HEX HEAD BOLTS 400 LONG THREADED 100 WITH M16 NUTS. 6 WASHERS
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- NOTES:
1. THE AGREEMENT OF THE PRINCIPAL ROAD DESIGN ENGINEER SHOULD BE SOUGHT BEFORE MODIFICATIONS ARE MADE TO ANY PART OF THE DESIGN.
  2. IN REMOTE AREAS WHERE CONCRETE IS NOT READILY AVAILABLE, THE CONCRETE FOOTING CAN BE REPLACED BY A 600 x 600 x 6mm STEEL PLATE BOLTED TO THE FACE OF THE FIRST 2 POSTS ON THE DOWNSTREAM SIDE OF POST. (SEE DRAWING No. SD 3543).
  3. B.C.T. ASSEMBLY TO BE HOT DIP GALVANIZED (INC. NUTS, BOLTS AND WASHERS) TO AS/NZS 4680. HOLES TO BE DRILLED BEFORE GALVANIZING.
  4. THE FIRST 5 POSTS IN BREAKAWAY CABLE TERMINALS (BCTA) SHOULD BE TIMBER. HOWEVER, STEEL POSTS (WITH SHEAR AND BENDING PROPERTIES SIMILAR TO BCT TIMBER POSTS) MAY BE USED. REFER SD 3543.
  5. BOLTS TO BE SNUG TIGHTENED TO AS4100.
  6. WHERE THE FACE OF GUARD FENCE IS ERECTED WITHIN 0 TO 1m BEHIND THE BACK OF KERB, THE MOUNTING HEIGHT SHALL BE MEASURED FROM THE ADJACENT ROAD PAVEMENT SURFACE. HOWEVER, THE VERTICAL POSITION OF THE DRILLED HOLES IN THE TIMBER POSTS SHALL BE MEASURED FROM THE GROUND SURFACE.
  7. THE ASSEMBLY DRAWING ONLY SHOWS THE FIRST 3 POSTS OF THE 5 POST SYSTEM WHICH CONSTITUTES THE TOTAL BCTA.

**NOT ACCEPTED FOR USE FROM AUGUST 2013 FOR ALL NEW & REPLACEMENT INSTALLATIONS REFER RDN 06-04 ACCEPTED SAFETY BARRIER PRODUCTS**

STANDARD FOOTING DETAIL FOR FIRST AND SECOND POST

ISSUE	APP'D	DATE	AMENDMENT
H	D.C.	8/5/14	NOTE ADDED - NOT ACCEPTED FOR USE
G	D.C.	5/3/12	BOLT SCHEDULE ADDED
F	J.K.	1/7/05	NOTE 3 & NOTE 5 AMENDED
E	J.B.	1/8/02	DIMENSION FROM GROUND TO TOP OF BOLT & POST HAS BEEN AMENDED, ALTERNATIVE POST WEAKENING TREATMENT REMOVED
D	J.B.	9/99	NOTE 2 AMENDED
C	J.C.	1/7/95	NOTE 6 ADDED
B	M.P.	1/94	RAIL AND CONC. SPECIFICATIONS, NOTES 1 TO 5 AND GEN. NOTES 3 & 4.

GENERAL NOTES / CROSS REFERENCES

1. BREAKAWAY CABLE TERMINAL - ANCHOR CABLE AND PLATE DETAILS SD 3551
2. BREAKAWAY CABLE TERMINAL - DETAILS SD 3561
3. POSTS 1, 2, 3, 4 & 5 - ARRANGEMENT DETAILS SD 3571
4. GUARD RAIL TO BE MANUFACTURED FROM BMT 2.7 ± 0.21mm AS/NZS 1594-HA350 STEEL PLATE.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

DESIGNED PRINCIPAL ROAD DESIGN ENGINEER

APPROVED

24-2-95

CATALOG: PRED PROJECT: sddgnnew

ENGINEERING & TECHNOLOGY CONSULTANTS

COMPUTER FILE sd-3541g.dgn

SCALE OF METRES

HOR NOT TO SCALE

STANDARD DRAWING

BREAKAWAY CABLE TERMINAL (BCTA) GENERAL ARRANGEMENT

FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO. SD 3541	ISSUE H
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