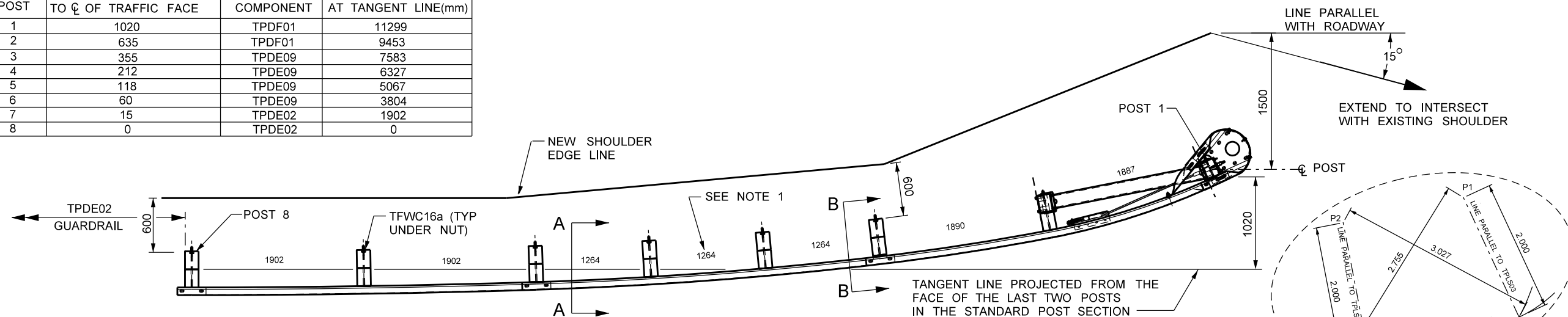
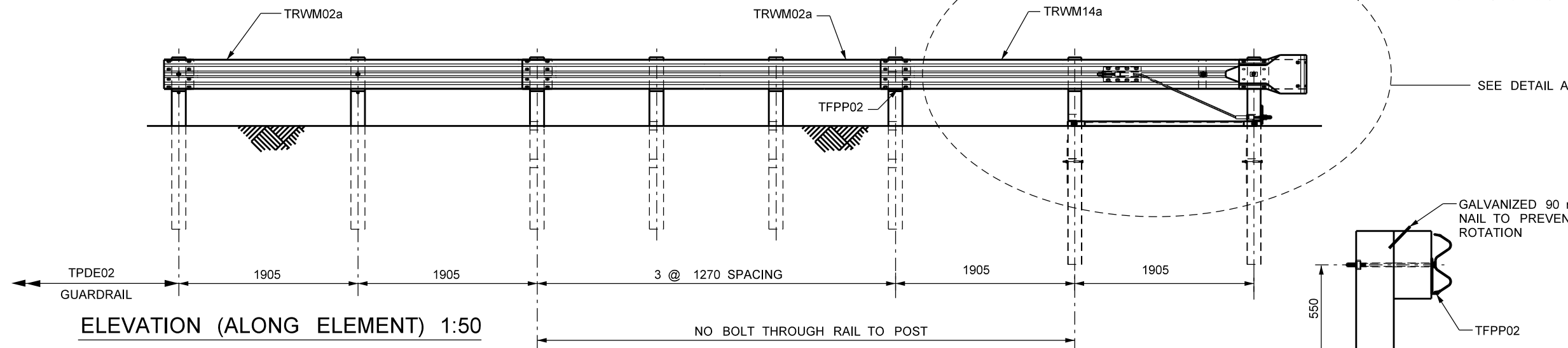


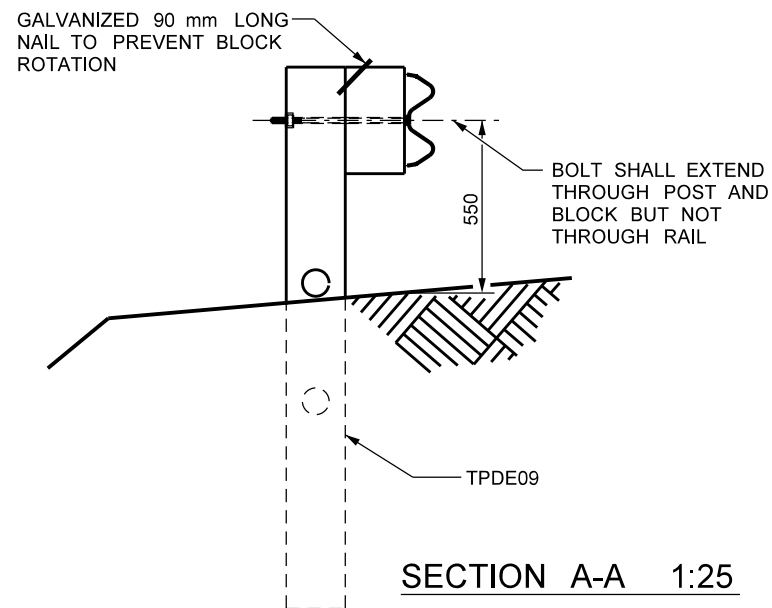
POST	OFFSET FROM TANGENT TO $\phi$ OF TRAFFIC FACE	POST COMPONENT	DISTANCE FROM BC AT TANGENT LINE(mm)
1	1020	TPDF01	11299
2	635	TPDF01	9453
3	355	TPDE09	7583
4	212	TPDE09	6327
5	118	TPDE09	5067
6	60	TPDE09	3804
7	15	TPDE02	1902
8	0	TPDE02	0



PLAN 1:50



ELEVATION (ALONG ELEMENT) 1:50



SECTION A-A 1:25

NOTES:

1. NUMBERS INDICATE CENTRE OF POST TO CENTRE OF POST MEASUREMENTS.
2. THESE DIMENSIONS WILL PROVIDE THE CORRECT ORIENTATION OF THE FOUNDATION TUBE SOIL PLATE TPLS03 TO ASSIST IN DRILLING HOLES IN GRADE.
3. POST LAYOUT DIMENSIONS ARE GIVEN TO THE CENTRE OF THE TRAFFIC FACE OF THE POSTS. OFFSET POINTS ARE TO BE LOCATED BY CHORD MEASUREMENTS AT THE BACK OF RAIL EQUAL TO THE NOMINAL POST SPACING SHOWN. POSTS ARE TO BE SET APPROXIMATELY RADIAL TO THE RAILING AT EACH POST LOCATION.
4. DIMENSIONS TO CENTRE OF POST.
5. ALL SCALES ARE APPROXIMATE.

SECTION B-B 1:25

REVISIONS		
DATE	DESCRIPTION	BY

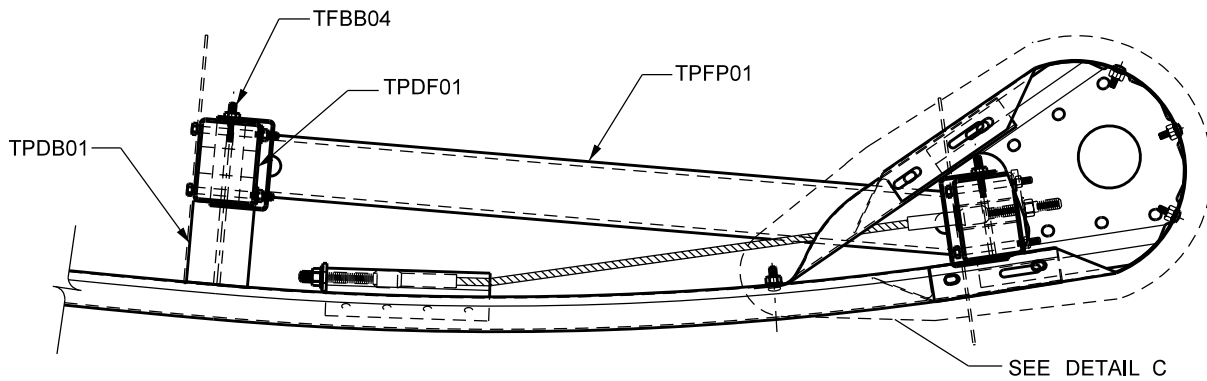
**Manitoba**  
Infrastructure and  
Transportation  
TRAFFIC ENGINEERING



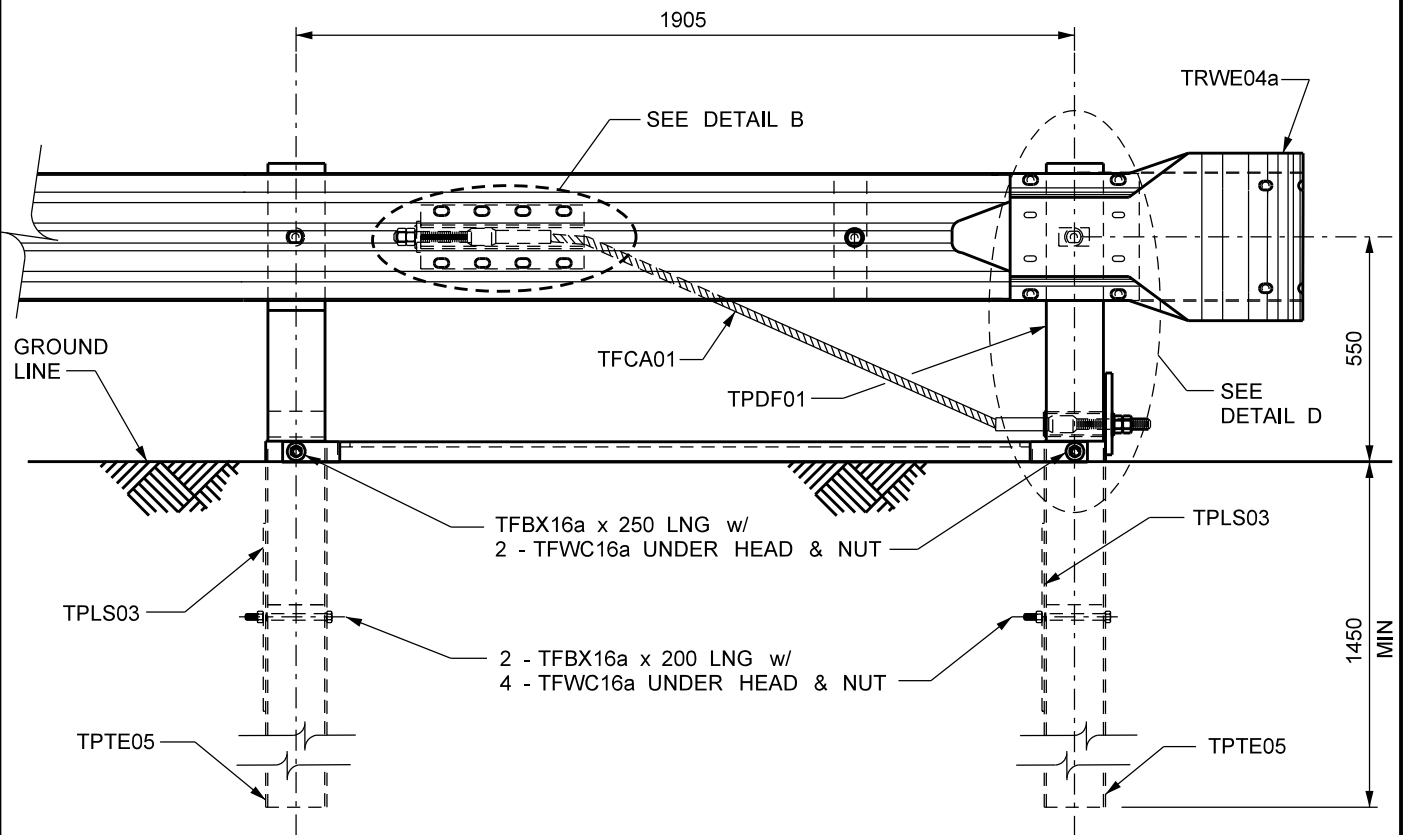
MODIFIED ECCENTRIC  
LOADER TERMINAL

SHEET NO	1 OF 4
DATE:	2002 - 09
DRAWN:	D.C.

TSEW05



PLAN 1:20



ELEVATION 1:20

DETAIL A

ALL SCALES ARE APPROXIMATE

REVISIONS		
DATE	DESCRIPTION	BY

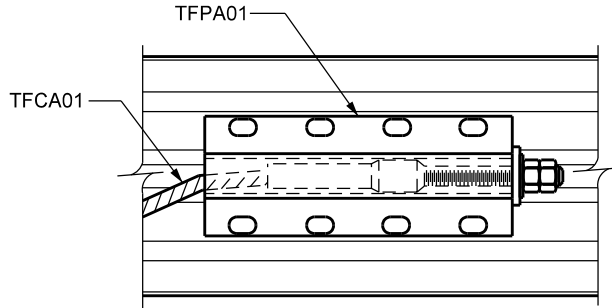
**Manitoba** Infrastructure and Transportation  
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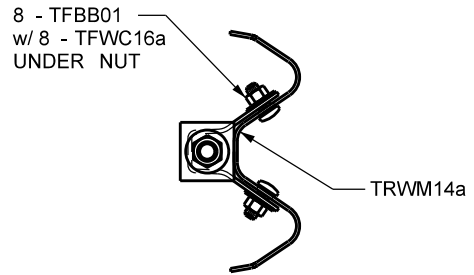
MODIFIED ECCENTRIC  
LOADER TERMINAL

SHEET NO	2 OF 4
DATE:	2002 - 09
DRAWN:	D.C.

TSEW05

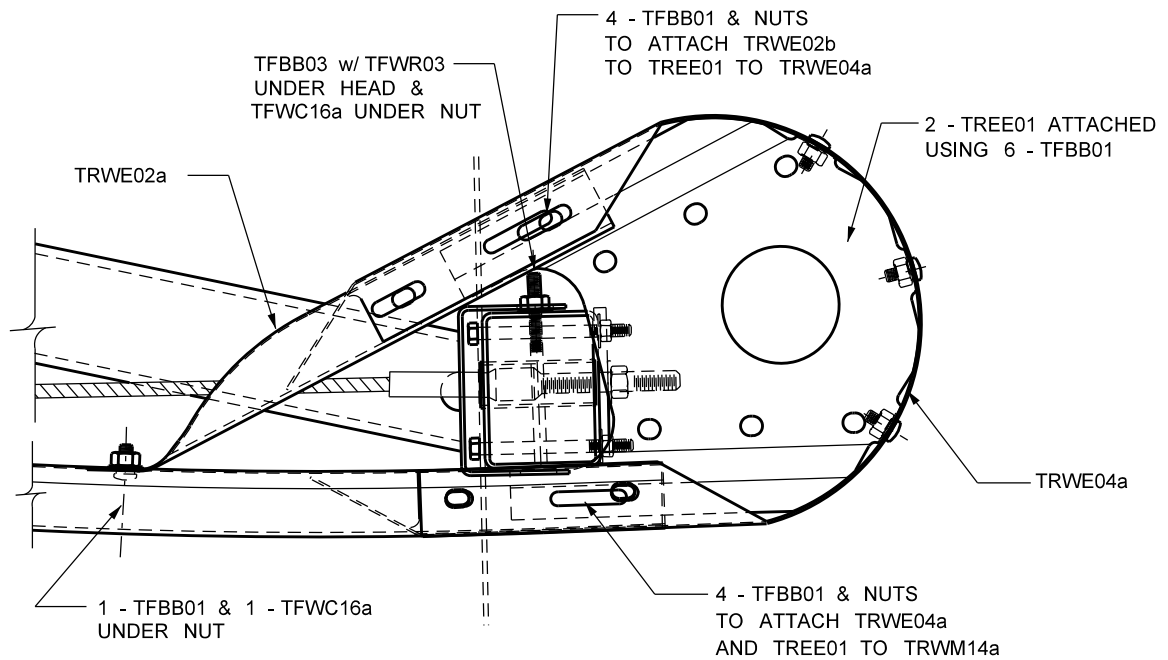


REAR VIEW



SECTION

DETAIL B : ANCHOR PLATE ASSEMBLY DETAILS



DETAIL C : BUFFERED END ASSEMBLY

NOTES:

THE FIRST NUT IS TO BE HAND TIGHT PLUS ONE-HALF TURN.  
 THE SECOND NUT IS TO BE MATED TO THE FIRST NUT AND  
 LOCKED IN PLACE AGAINST THE FIRST NUT BY BACK TURNING THE FIRST NUT.

SCALE 1:10

ALL SCALES ARE APPROXIMATE

REVISIONS		
DATE	DESCRIPTION	BY

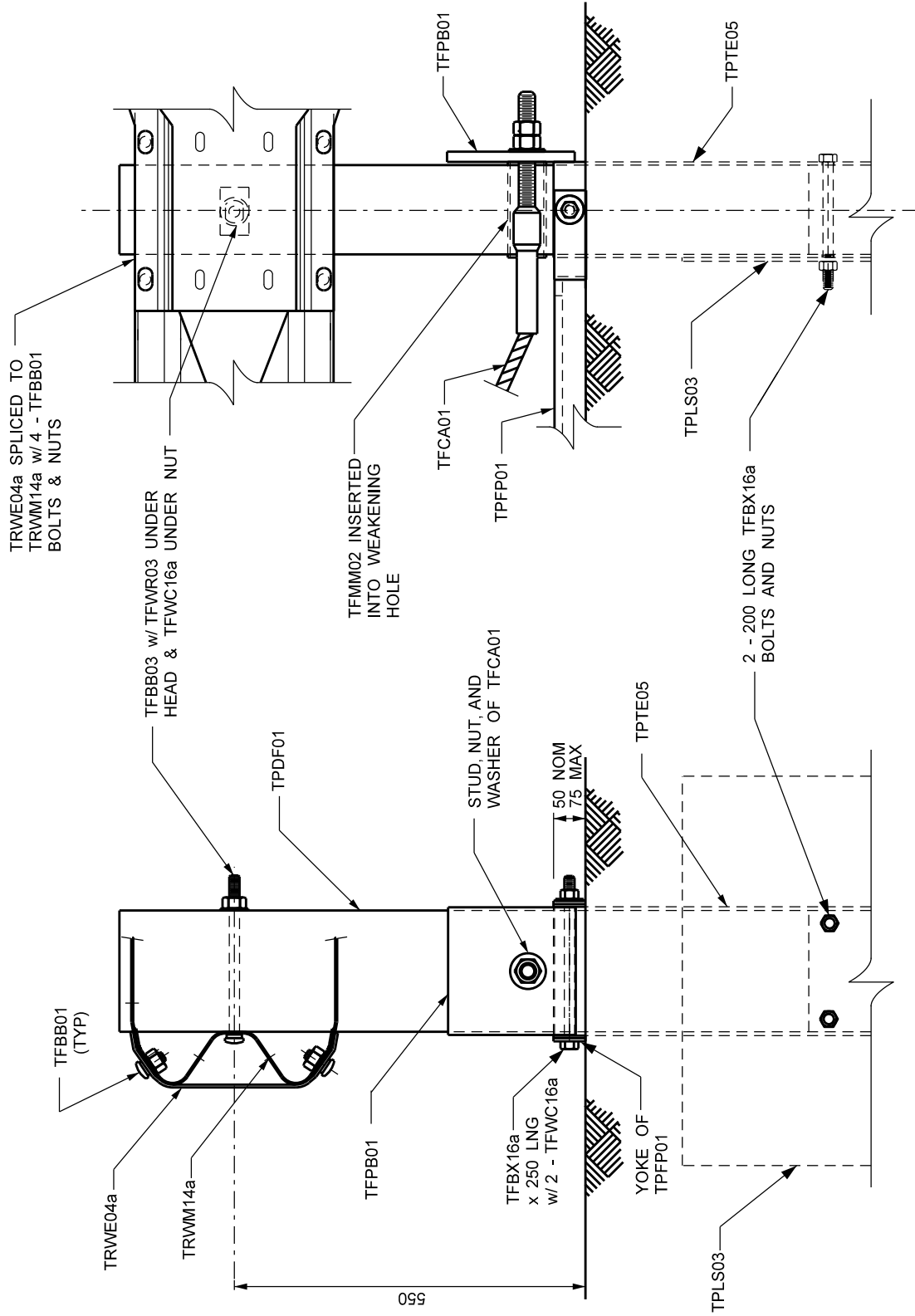
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 Transportation**  
 TRAFFIC ENGINEERING



MODIFIED ECCENTRIC  
 LOADER TERMINAL

SHEET NO	3 OF 4
DATE:	2002 - 09
DRAWN:	D.C.

TSEW05



TRWE04a SPliced TO  
TRWM14a w/ 4 - TFB01  
BOLTS & NUTS

TFB03 w/ TFCW16a UNDER  
HEAD & TFCW16a UNDER NUT

TFM02 INSERTED  
INTO WEAKENING  
HOLE

STUD, NUT, AND  
WASHER OF TFCB01

2 - 200 LONG TFBX16a  
BOLTS AND NUTS

TFB01  
(TYP)

TRWE04a

TRWM14a

TFB01

TFBX16a  
x 250 LNG  
w/ 2 - TFCW16a

YOKE OF  
TFPF01

550

50 NOM  
75 MAX

ALL SCALES ARE APPROXIMATE

**DETAIL D : LEAD POST ASSEMBLY**  
**SCALE 1:10**

REVISIONS		
DATE	DESCRIPTION	BY

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 TRAFFIC ENGINEERING



**MODIFIED ECCENTRIC  
 LOADER TERMINAL**

SHEET NO	4 OF 4
DATE:	2002 - 09
DRAWN:	D.C.

**TSEW05**