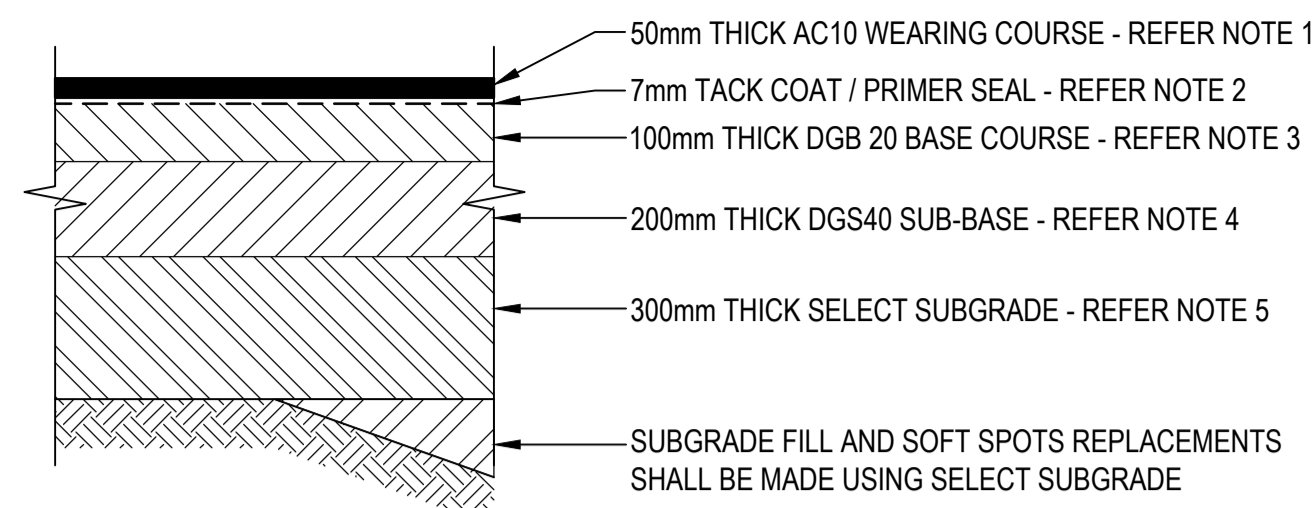


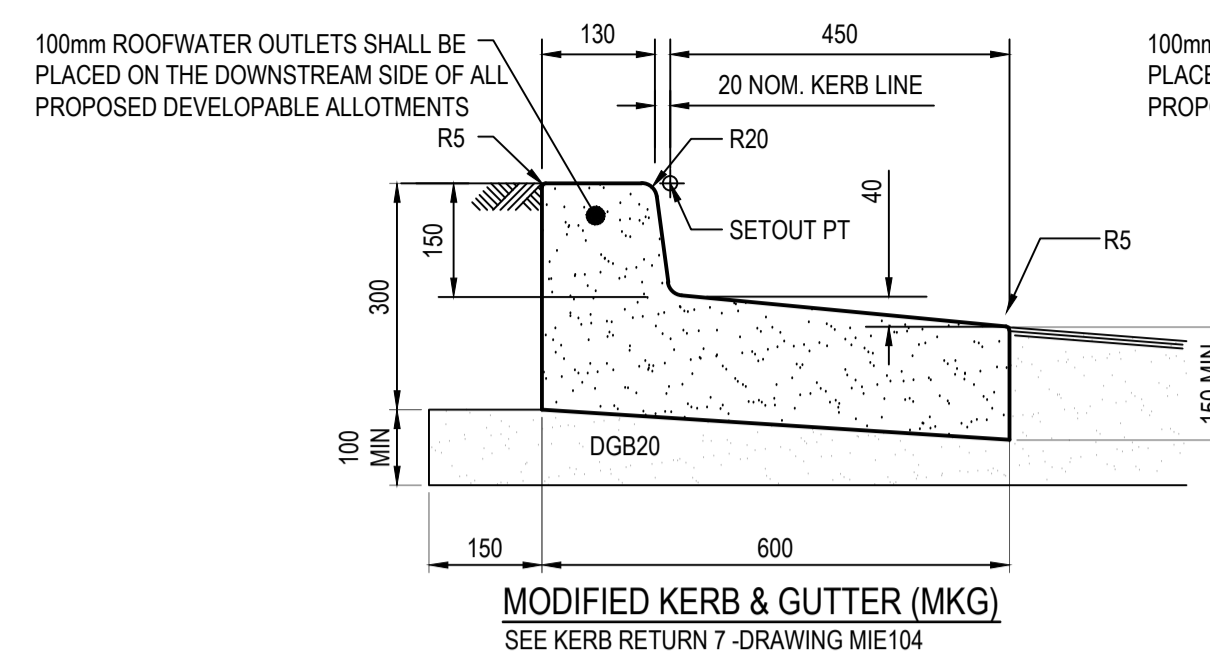
ROAD 4 PAVEMENT (5 X 10⁴)
NOT TO SCALE



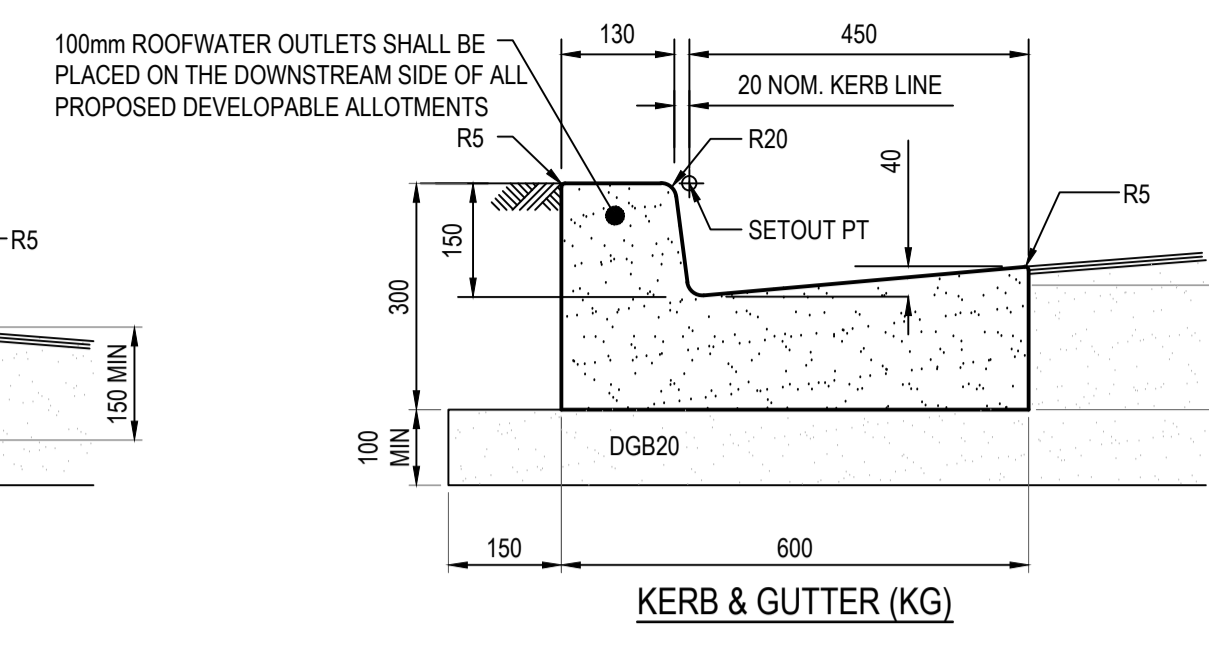
ROAD 5 PAVEMENT (5 X 10⁵ ESA)
NOT TO SCALE

NOTES:

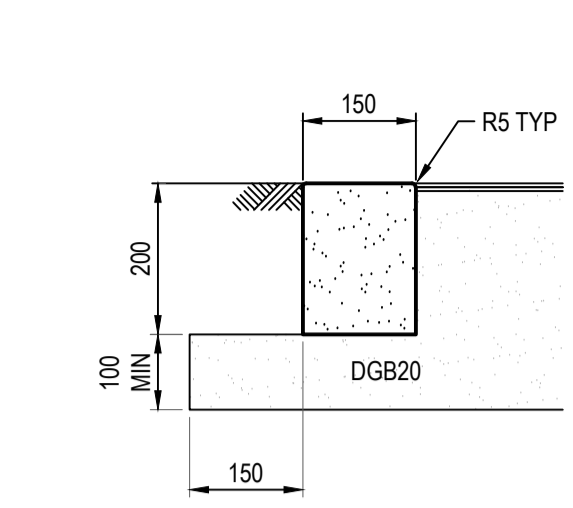
1. THE ASPHALTIC CONCRETE COMPRISES AC10 WITH CLASS 320 BINDER COMPACTED IN A TWO 25mm THICK LAYERS
2. A TACK COAT OR A 7mm PRIMER SEAL IS TO BE USED BETWEEN THE BASE COURSE AND THE LOWER LAYER OF AC
3. ALL BASE MATERIAL TO BE CRUSHED ROCK TO RTA QA SPECIFICATION 3051 (1994) DGB20 AND COMPACTED TO AT LEAST 98% MMDD AT A MOISTURE CONTENT BETWEEN THE MODIFIED OPTIMUM MOISTURE CONTENT (MOMC) AND 3% DRY OF THE MOMC
4. ALL SUB-BASE TO BE DGS40. ALL LOWER COURSE MATERIAL TO BE COMPACTED TO AT LEAST 98% OF MMDD, AT A MOISTURE CONTENT BETWEEN MOMC AND 3% DRY OF THE MOMC
5. THE SELECT SUBGRADE IS TO COMPRISE CLAYEY SUBGRADE STABILISED BY THE ADDITION OF A TARGET OF 3.5% (MINIMUM RESULTS NOT LESS THAN 3%) HYDRATED LIME BY DRY WEIGHT (OR EQUIVALENT PROPORTION OF QUICKLIME) TO ACHIEVE A FOUR DAY SOAKED CBR OF AT LEAST 10% (FOLLOWING 1 WEEK OF BENCH CURING), OR BE A WELL GRADED GRANULAR MATERIAL, SUCH AS CRUSHED OR RIPPED SANDSTONE, WITH A MAXIMUM PARTICLE SIZE NOT EXCEEDING 75mm, AND WITH A FOUR DAY SOAKED CBR OF AT LEAST 10%. THE SELECT SUBGRADE IS TO BE COMPACTED TO AT LEAST 100% OF STANDARD MAXIMUM DRY DENSITY (SMDD) AT A MOISTURE CONTENT WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT (SOMC).
6. THE ABOVE PAVEMENT THICKNESS ARE BASED ON A DESIGN CBR VALUE OF 2.0%, AND ASSUME THAT GOOD SURFACE SUBGRADE DRAINAGE IS PROVIDED. SOAKED CBR TESTING IS TO BE UNDERTAKEN AT THE COMMENCEMENT OF ROAD CONSTRUCTION TO CONFIRM CBR REQUIREMENT IS ACHIEVED.
7. THE PAVEMENT THICKNESS SHALL BE SUBJECT TO SUBGRADE TESTING BY REGISTERED NAPA LABORATORY



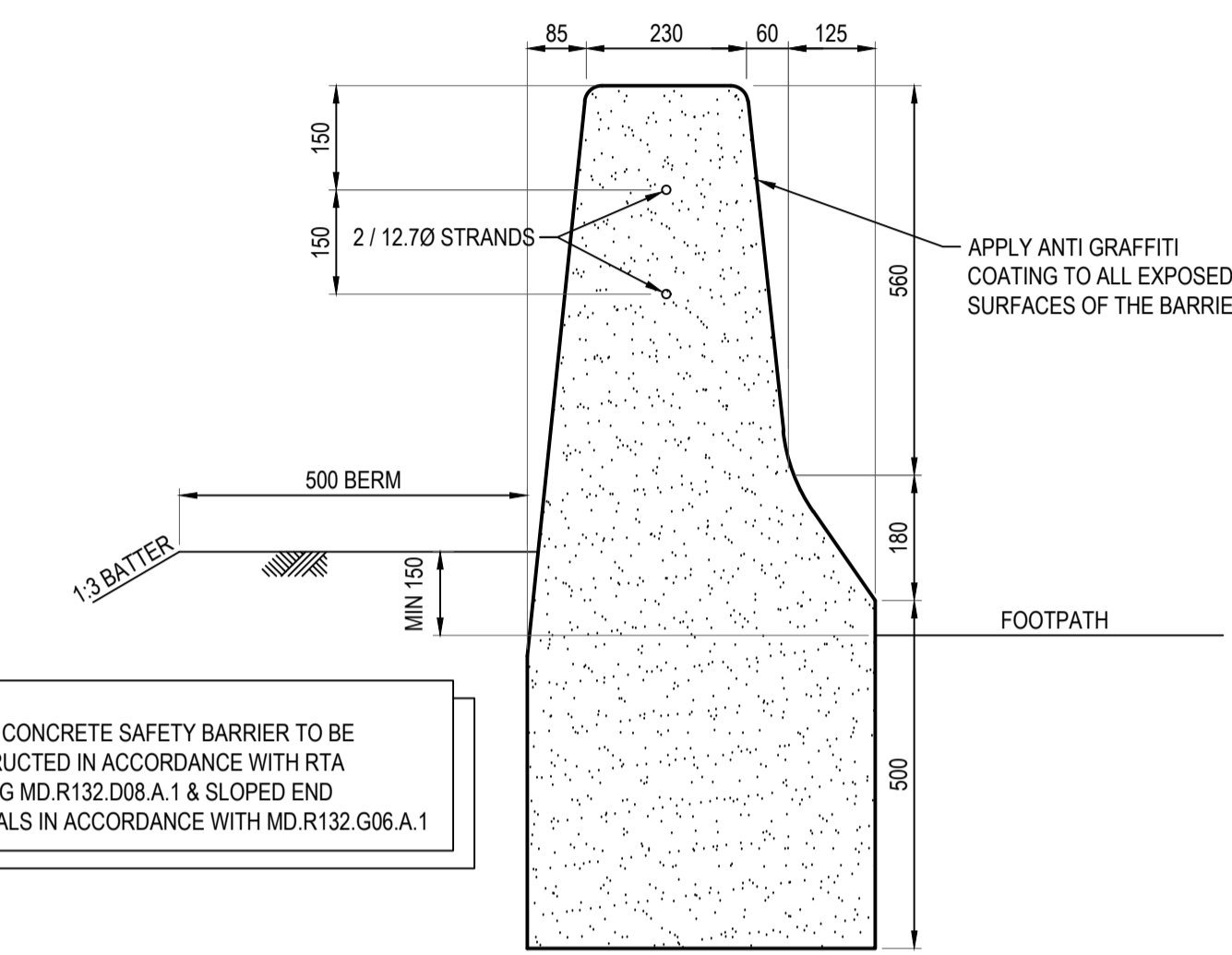
MODIFIED KERB & GUTTER (MKG)
SEE KERB RETURN 7 - DRAWING MIE104



KERB & GUTTER (KG)

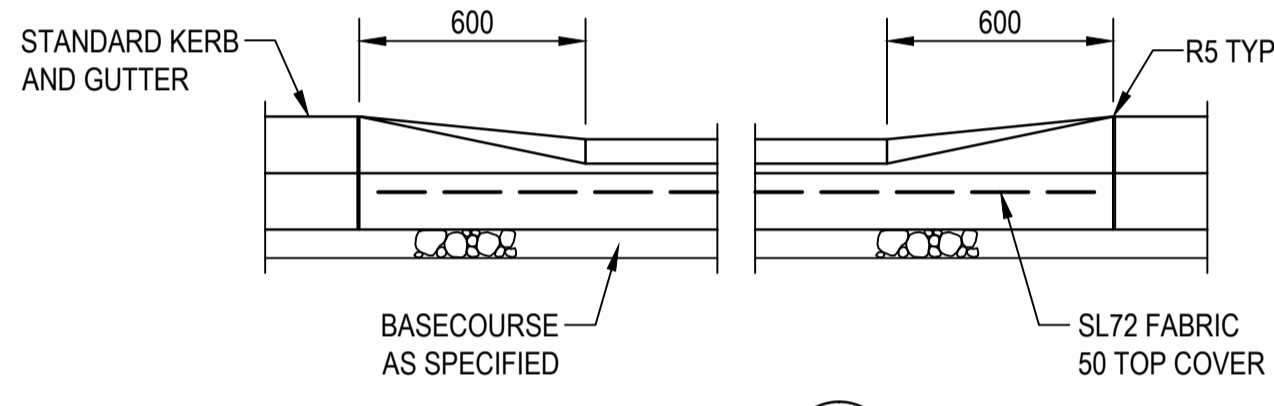


EDGE STRIP (ES)



TYPE 'F' CONCRETE SAFETY BARRIER (SINGLE SIDED ON EMBANKMENT)
SCALE: 1:10

NOTE:
FOR VEHICULAR CROSSINGS IN PUBLIC ROADS, BUILDER TO CONFIRM LOCAL GOVERNMENT OR ROAD AUTHORITIES REQUIREMENTS BEFORE CONSTRUCTION

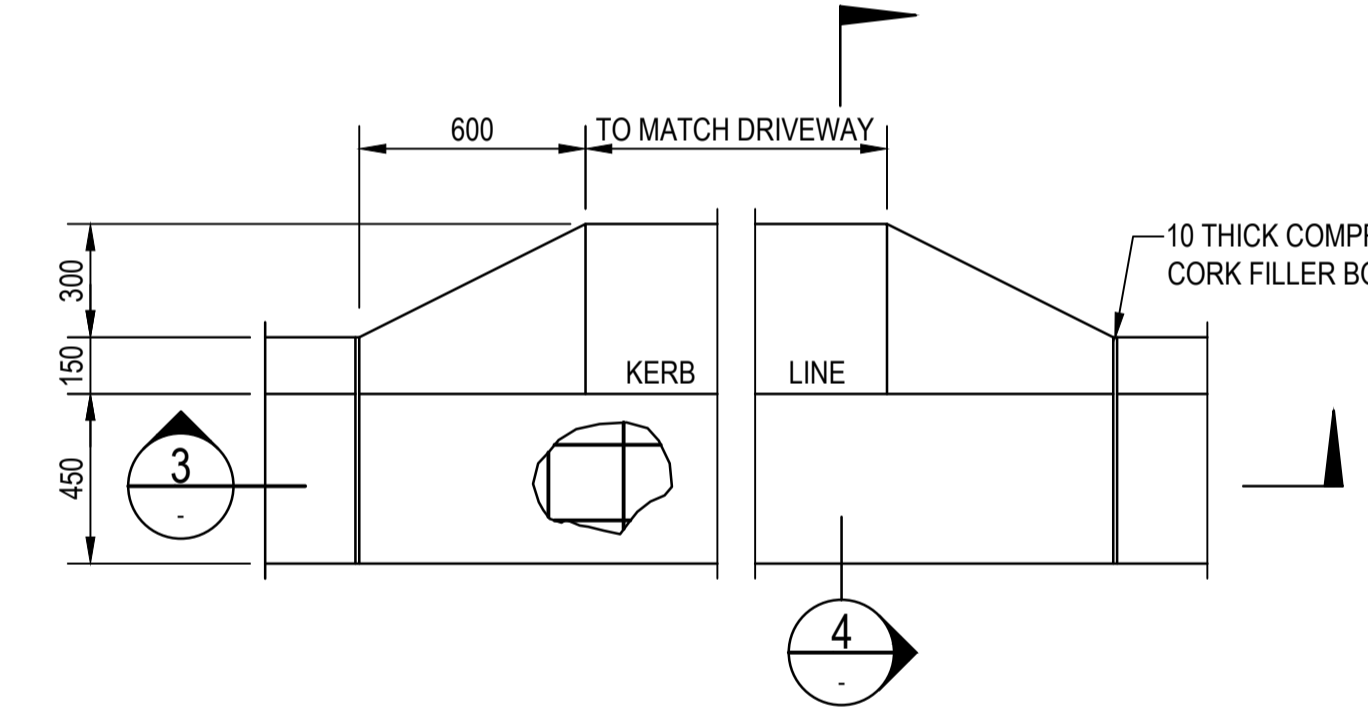


SECTION 3

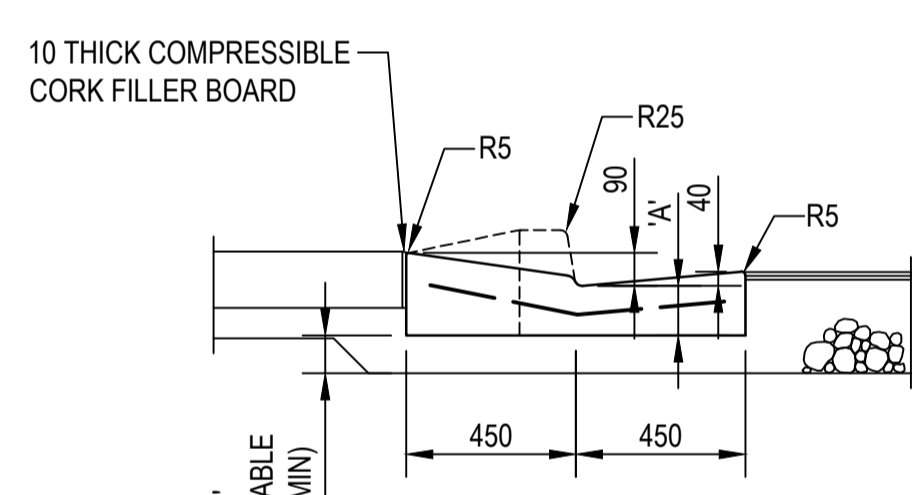
NOTE:
FOR VEHICULAR CROSSINGS IN PUBLIC ROADS, BUILDER TO CONFIRM LOCAL GOVERNMENT OR ROAD AUTHORITIES REQUIREMENTS BEFORE CONSTRUCTION

TABLE

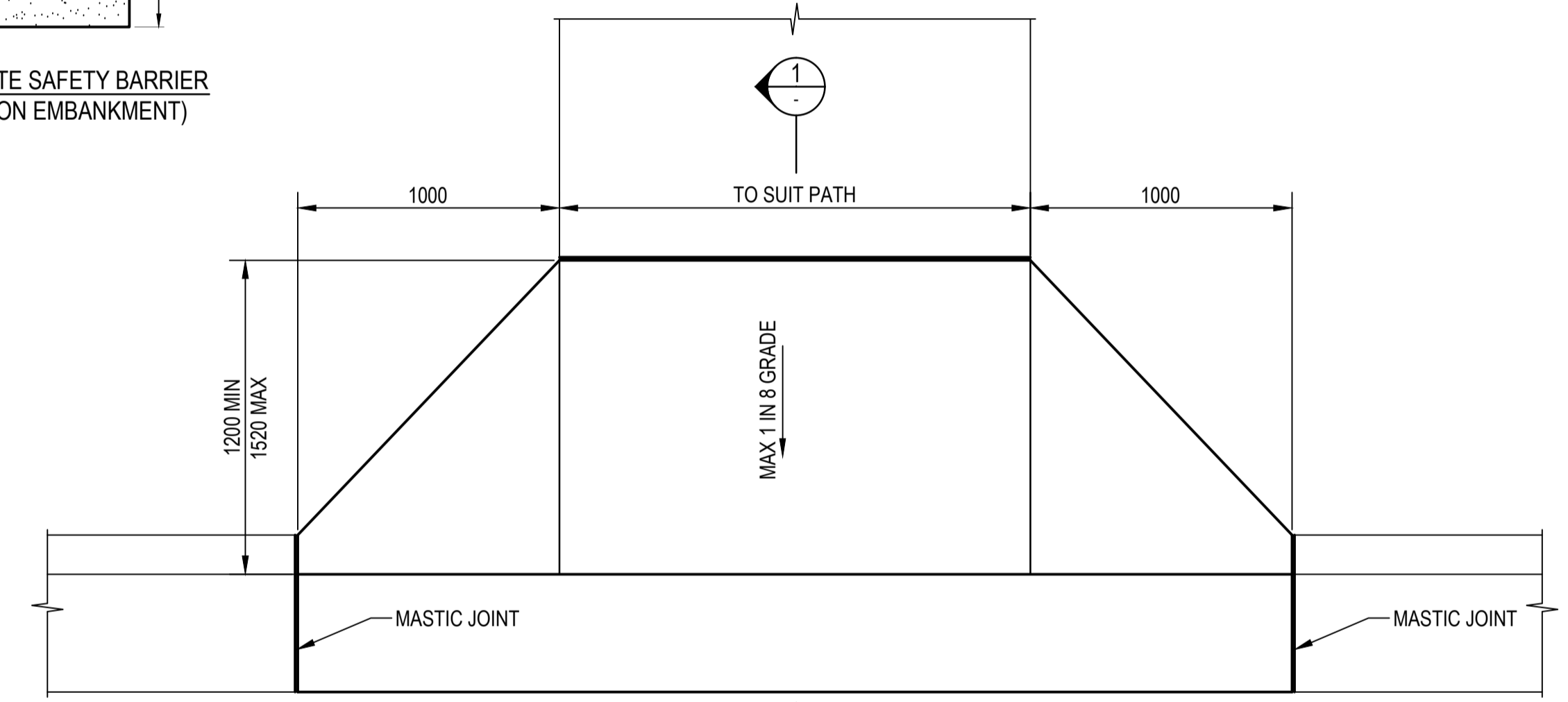
VC TYPE	A	B	REQ
LIGHT DUTY	130	100	SL72
HEAVY DUTY	150	150	SL82
EXTRA HEAVY DUTY	200	200	SL92



PLAN VEHICULAR CROSSING
SCALE: 1:20

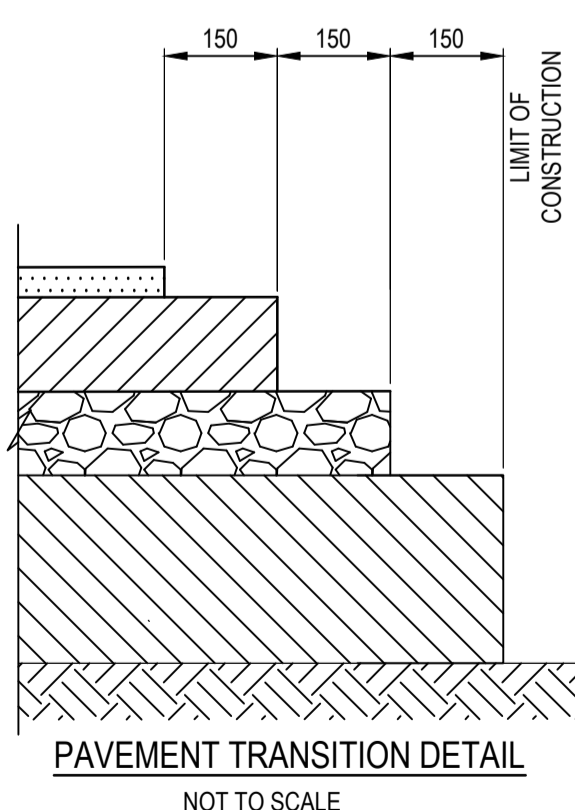


SECTION 4

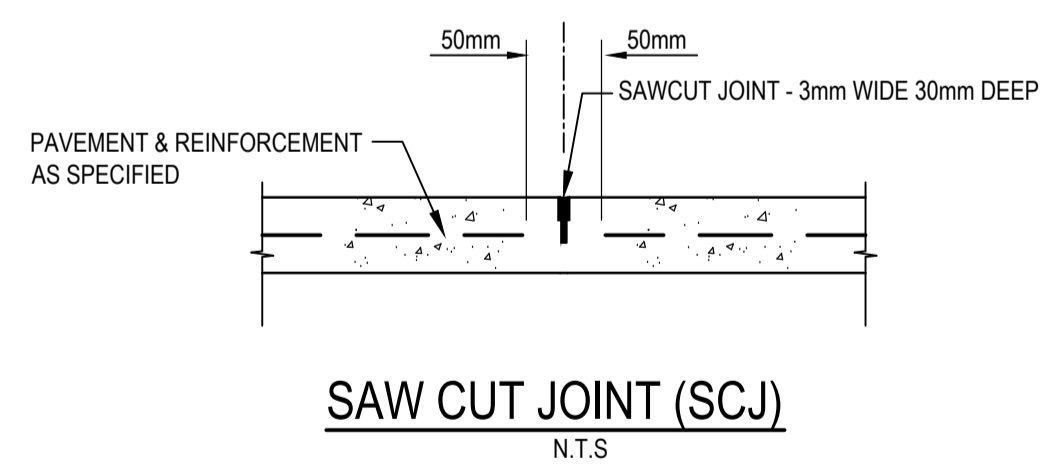


PRAM RAMP
SCALE: 1:20

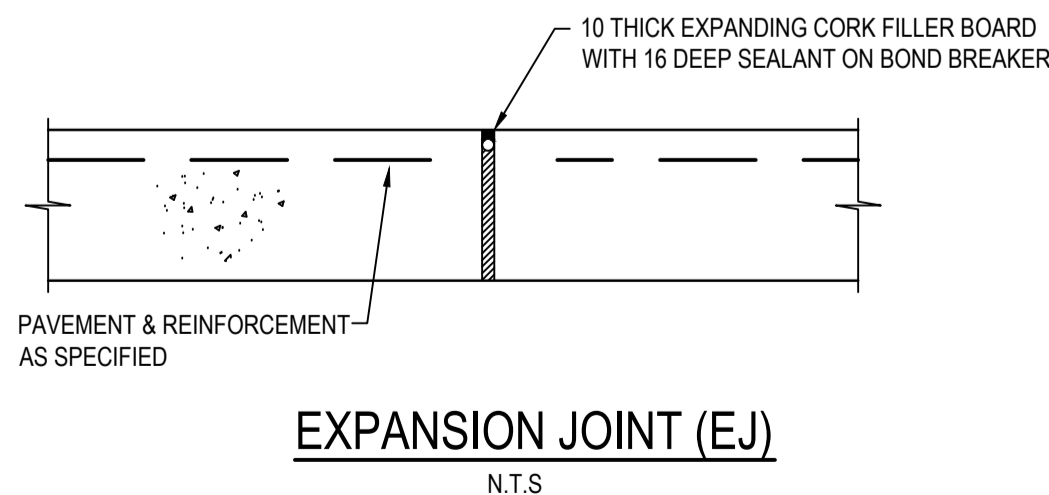
NOTES:
PRAM RAMP SHALL BE 125mm MIN THICK CONCRETE PLACED ON A 175mm THICK COMPACTED LAYER OF 20mm DGB 20 OR THE BASE OF THE EXISTING PAVEMENT WHICH EVER IS THE GREATER
THERE MUST BE A SHARP TRANSITION AND NO LIP BETWEEN THE EDGE OF RAMP AND THE GUTTER



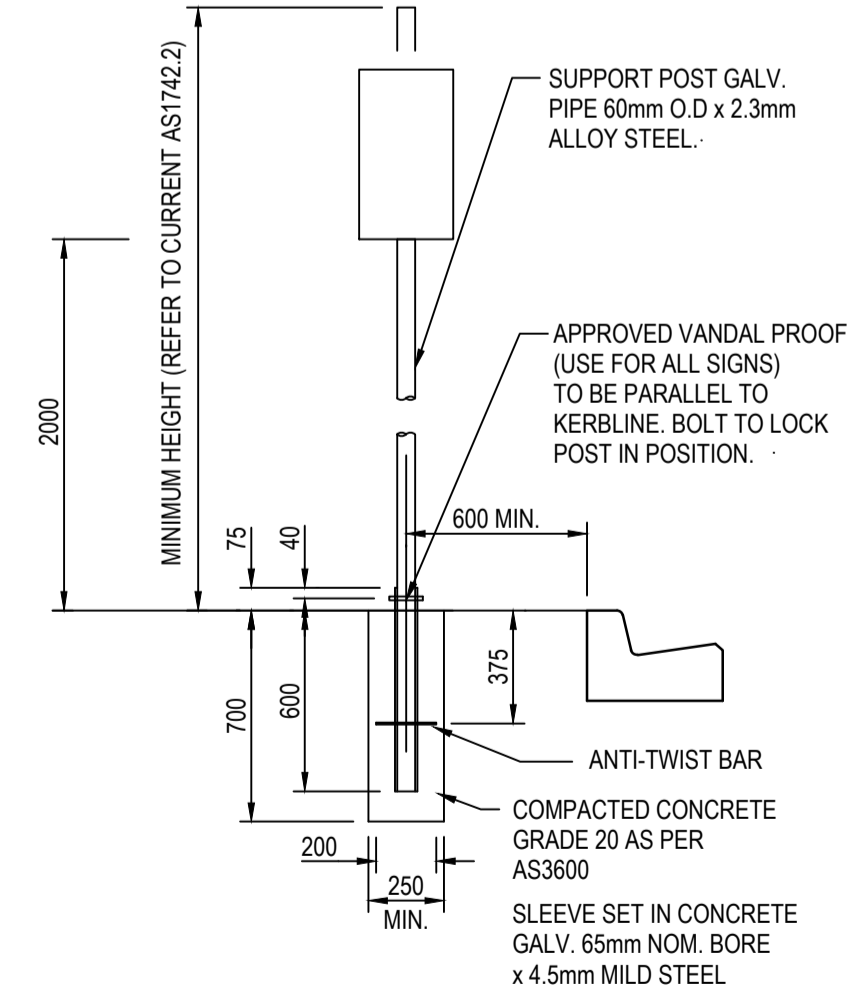
PAVEMENT TRANSITION DETAIL
NOT TO SCALE



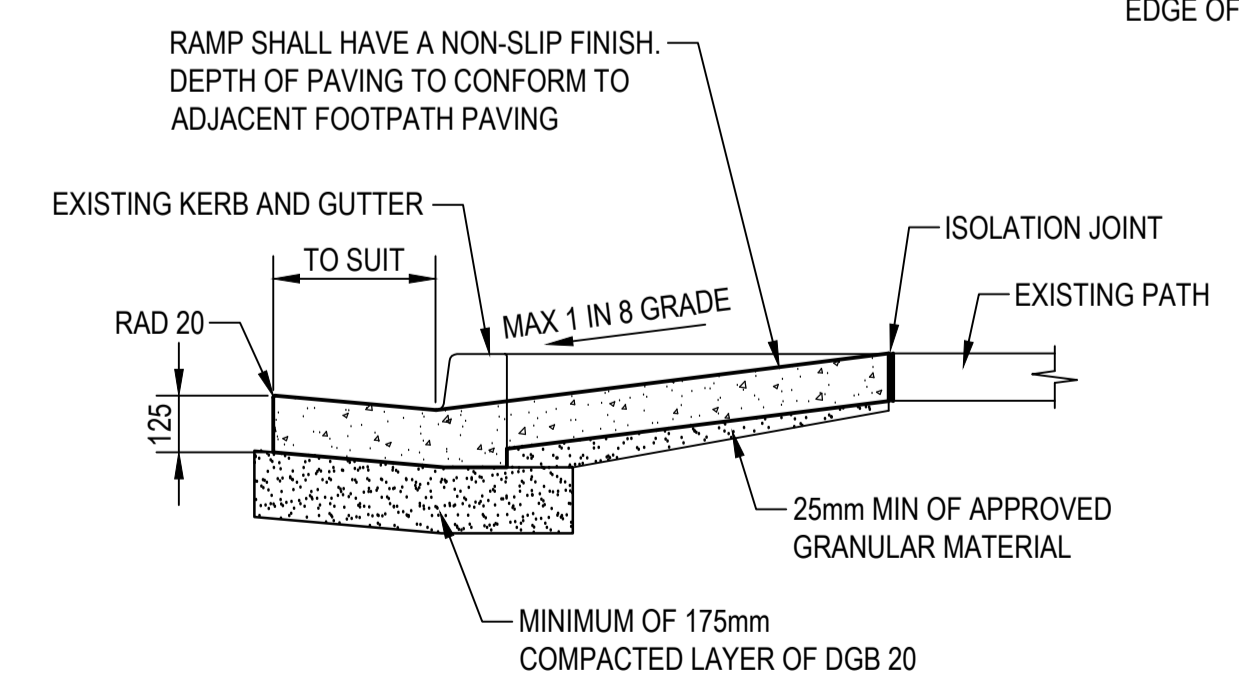
SAW CUT JOINT (SCJ)
N.T.S.



EXPANSION JOINT (EJ)
N.T.S.



TRAFFIC SIGN POST DETAIL
SCALE: 1:20



SECTION 1
SCALE: 1:20

REV	DESCRIPTION	BY	APP	DATE
A	DRAFT CC ISSUE	RL	LD	03-09-10
B	CC ISSUE	RL	PD	08-09-10
D	REVISED FOR CONSTRUCTION CERTIFICATE	RL	LD	24-09-10
E	FOR INFORMATION	RL	LD	22-12-10
F	FOR SECTION 75W	RL	DB	04-03-11
00	ISSUED FOR CONSTRUCTION	RL	DB	20-04-11

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CLIENT: FRASERS PUTNEY PTY LTD

DESIGNED: LD DRAWN: RL APPROVED: PD SCALE: @ A1

STATUS: FOR CONSTRUCTION

PROJECT: FRASERS PUTNEY RESIDENTIAL DEVELOPMENT
CHARLES STREET, RYDE
ROADS 4 & 5 WORKS

TITLE: PAVEMENT DETAILS

PROJECT No: 104479-00- MIE111

DRAWING No: 00

REV: 00