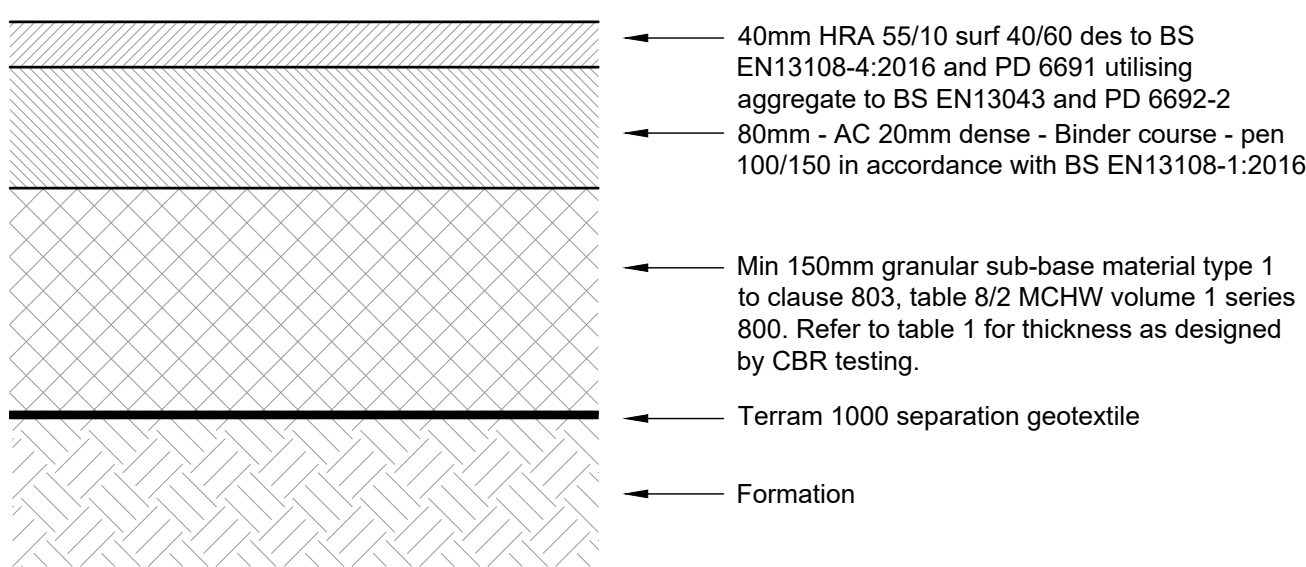
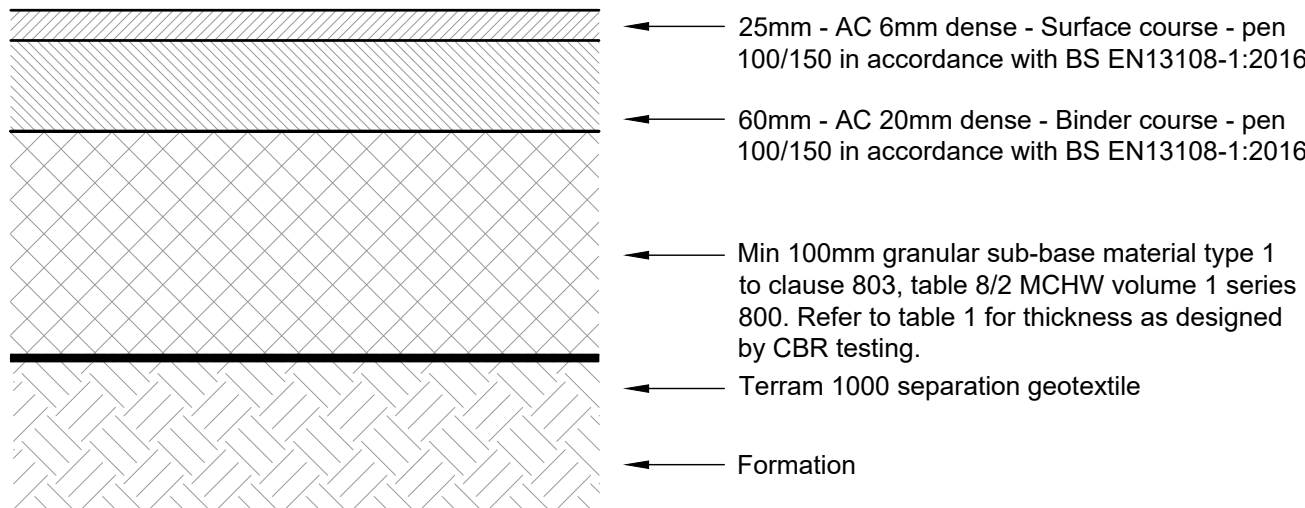




CONSTRUCTION MAKE UP OF
VEHICLE ACCESS



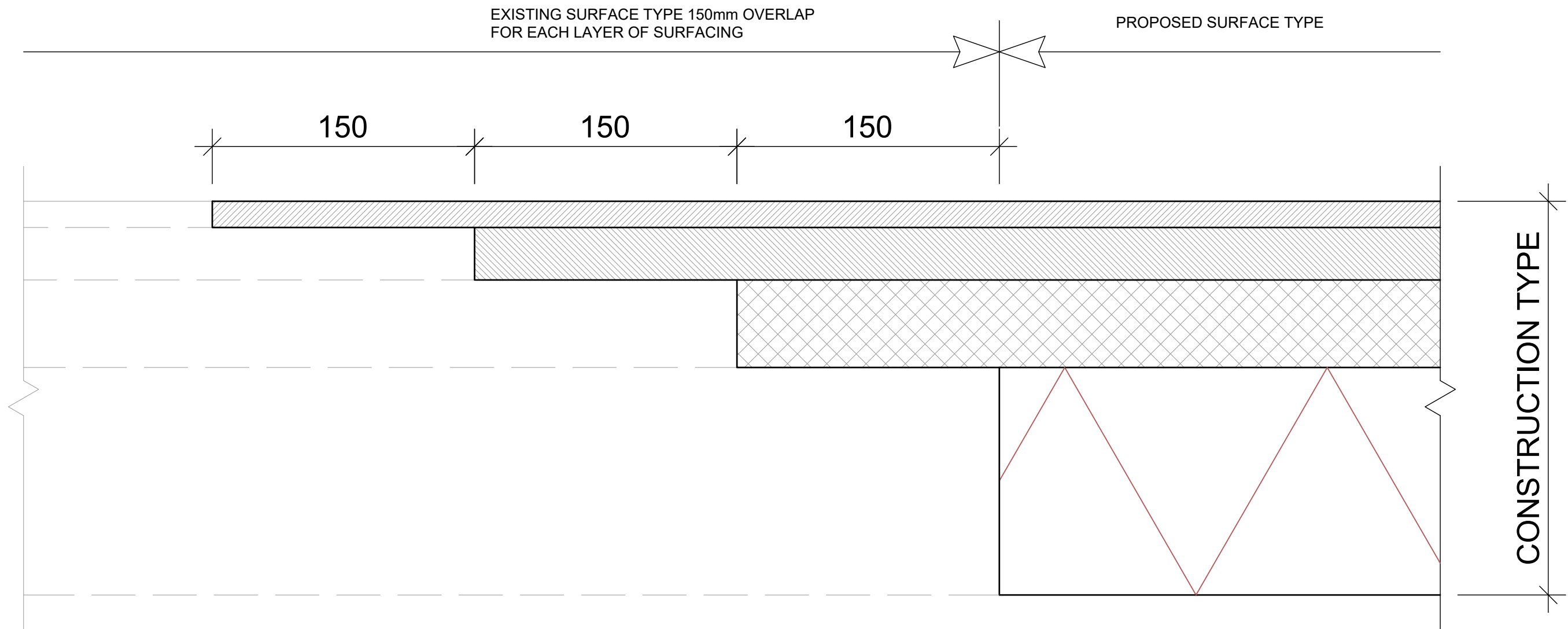
CONSTRUCTION MAKE UP
OF FOOTPATH AREAS

CBR VALUES	MINIMUM THICKNESS (MM) OF SUB-BASE (CONSOLIDATED IN ACCORDANCE WITH MCHW VOLUME 1 CLAUSE 801, TABLE 8/4)
Less than 2%	Subgrade requires improvement
2-3%	325
3-5%	250
5-7%	150
7-20%	100

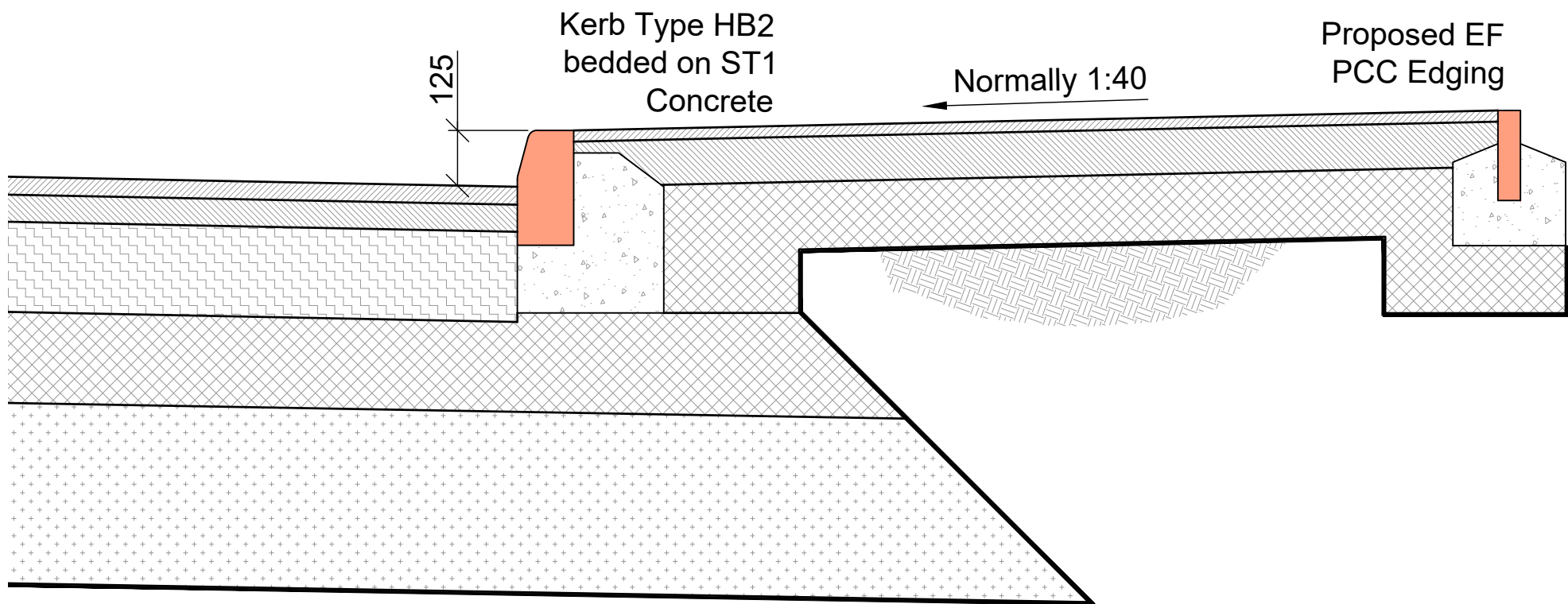
Table 1 - Minimum Sub-base Thickness

ABOVE BUILD UPS ASSUME A CBR OF 5%.

SPECIALIST ADVISE SHOULD BE SOUGHT
FOR CBR VALUES <2%



SURFACE TIE-IN



SECTION THROUGH TYPICAL
FOOTWAY

WORKS WITHIN EXISTING HIGHWAY ARE SUBJECT TO SECTION 278 AGREEMENT, VEHICLE CROSSOVER AND/OR BELLMOUTH AGREEMENTS WILL BE REQUIRED WITH THE LOCAL AUTHORITY. ALL LICENSES SHOULD BE AGREED WITH THE LA BY CONTRACTOR PRIOR TO ANY WORKS

ANY WORKS UNDERTAKEN PRIOR TO RECEIPT OF TECHNICAL APPROVAL FOR THEIR RESPECTIVE PROPOSALS IS DONE AT THE CONTRACTOR'S OWN RISK.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT

- SECTION 278 WORKS:
- ALL WORKS TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE LOCAL AUTHORITY HIGHWAYS SPECIFICATION FOR STREET WORKS
 - ALL STATUTORY UNDERTAKERS, INCLUDING CABLE TELEVISION COMPANIES, MUST BE CONTACTED PRIOR TO COMMENCING ANY WORKS TO ASCERTAIN THE LOCATION AND DEPTH OF THEIR APPARATUS. IN THE EVENT OF ANY PROTECTION OR DIVERSIONARY WORKS BEING NECESSARY TO THEIR APPARATUS THEN ANY COSTS INCURRED WILL BE THE CONTRACTORS RESPONSIBILITY BOTH FOR ARRANGING AND ANY PAYMENT.
 - THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SUCH TRAFFIC SIGNS, LAMPS, BARRIERS AND TRAFFIC CONTROL SIGNALS, AND SUCH MEASURES MAY BE NECESSITATED BY THE CONSTRUCTION OF THE WORKS IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
 - THE DEVELOPER AND CONTRACTOR SHALL CONFIRM THEY ARE WORKING IN ACCORDANCE WITH NAUG VOLUME 1 GUIDELINES ON THE POSITIONING AND COLOUR CODING OF UNDERGROUND UTILITIES APPARATUS AND VOLUME 2 GUIDELINES ON THE POSITIONING OF UNDERGROUND UTILITIES APPARATUS FOR NEW DEVELOPMENT SITES
 - ROOT BARRIER TO BE INSTALLED AT THE BACK OF THE ADOPTED FOOTPATH TO PREVENT THE ROOTS FROM ANY PROPOSED NEW TREES UNDERMINING THE FOOTPATH
 - RETENTION OF THE EXISTING KERBLINE WILL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY HIGHWAYS INSPECTOR
 - REUSE OF THE EXISTING KERB RACE WILL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY HIGHWAYS INSPECTOR. RECONSTRUCTION OF THE EXISTING CHANNEL LINE TO HAVE 300MM OVERSITE OF EACH BITUMINOUS LAYER THAT IS DISTURBED
 - 150MM X 50MM BACK EDGING KERBS WILL BE LAID UPTURNED AND FLUSH AT FOOTWAY CROSSEDGERS
 - TACTILE PAVING AT UNCONTROLLED CROSSING POINTS TO BE 400X400MM BUFF COLOUR BLISTER PAVING IN ACCORDANCE WITH DETR GUIDANCE ON THE USE OF PAVING SURFACES
 - ALL SUBSTRATA, STRUCTURES AND UNCONSOLIDATED MATERIAL WITHIN THE CONSTRUCTION WIDTH OF THE HIGHWAY ARE TO BE REMOVED
 - CBR VALUES AND CALCULATIONS MAY BE REQUIRED TO DETERMINE SUB-BASE THICKNESS
 - HINGED GULLY GRATE AND FRAME TO BS EN 124 GRADE D400, NON-ROCKING WITH CAPTIVE LEFT HAND END HINGE MINIMUM WATERWAY AREA 900CM SQUARED FRAME DEPTH 100MM BLACK COATED DUCTILE IRON
 - ALL GULLY AND CHANNEL GRATING IN SHARED SURFACES AND FOOTWAYS TO BE PEDESTRIAN FRIENDLY
 - ANY EXISTING GULLIES THAT ARE DAMAGED DURING CONSTRUCTION WILL BE REPLACED WITH NEW ONES, AS AGREED WITH A REPRESENTATIVE OF THE LOCAL AUTHORITY HIGHWAYS DEPARTMENT
 - HAND LAYING OF BITUMINOUS MATERIALS IS NOT PERMITTED ON ADAPTABLE CARPARKWAY
 - TARMAC ROAD CONSTRUCTION TO COMPLY WITH BS EN 130108
 - THE PROVISION OF A CCTV SURVEY OF ANY HIGHWAY DRAINAGE, AT THE DEVELOPERS EXPENSE, IS REQUIRED PRIOR TO LAYING THE WEARING COURSE
 - WHERE TWO OR MORE WATER SERVICES BOUNDARY BOXES ARE SITUATED TOGETHER MULTIMETER BOUNDARY AS SPECIFIED BY THE SEWERAGE UNDERTAKER ARE TO BE INSTALLED
 - A COVENANT WILL BE PROVIDED TO THE BENEFIT OF THE LOCAL AUTHORITY ENSURING THAT NO PLANTING OR STRUCTURE GREATER THAN 600MM IN HEIGHT TO BE PERMANENTLY SITUATED WITHIN THE VISIBILITY SPURT

P02	05.06.26	MS	VIEWPORT ADJUSTMENT	MS	MS
P01	29.05.26	JLB	FIRST ISSUE - FOR COMMENTS	MS	MS
REV.	DATE	DRAWN	DESCRIPTION	CHKD	APPROD

STATUS DESCRIPTION FOR REVIEW AND COMMENT STATUS S3



PROJECT	LAND ON DRAKE STREET ROCHDALE				
DRAWING TITLE	S278 CONSTRUCTION DETAILS SHEET 1 OF 2				
CLIENT	GREAT PLACES HOUSING GROUP				
HBL REF.	11524	DATE	29.05.26	A1 SCALE(S)	N.T.S
DRAWING No.	11524-HBL-XX-XX-DR-C-5460				REVISION P02