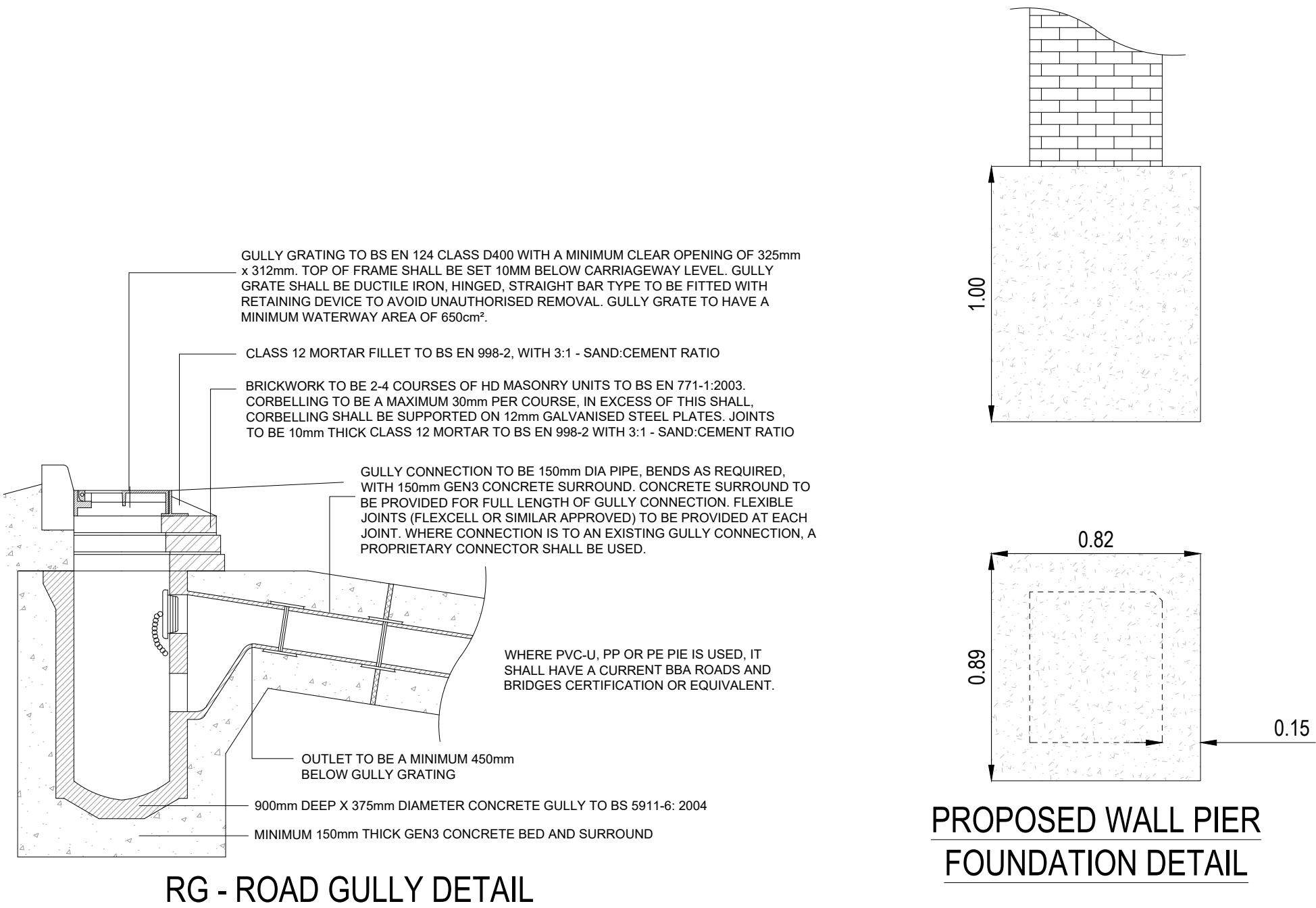


GENERAL BITUMINOUS SURFACING NOTES	CONSTRUCTION LAYERS
SURFACE COURSE 1. HRA TO BS EN 13108-4 AND PD 6691 UTILISING AGGREGATE TO BS EN 13043 AND PD 6692-2. BINDER COURSE 1. ASPHALT CONCRETE TO BS EN 13108-1 AND PD 6691 UTILISING AGGREGATE TO BS EN 13043 AND PD 6682-2. SUB-BASE 1. NO TYPE 1 SUB-BASE REQUIRED AS NEW FOOTWAY WILL BE CONSTRUCTED ON TOP OF EXISTING HARDSTANDING. EXISTING ASPHALT TO BE SCARIFIED, CLEANED AND SPRAYED WITH BOND COAT BEFORE NEW BITUMINOUS LAYERS LAID ON TOP. GENERAL NOTES 1. BOND COAT IN ACCORDANCE WITH BS 594987 TO BE APPLIED BETWEEN ASPHALT LAYERS 2. DETAILS PROVIDED IN LINE WITH DMRB CD39 3. THE PEDESTRIAN/CYCLEWAY ONLY, TO BE USED WHERE FOOTWAY/CYCLEWAY IS PHYSICALLY SEPARATED FROM THE CARRIAGEWAY.	BITUMINOUS SURFACE 1 PRIVATE PEDESTRIAN FOOTPATH AND CYCLEWAYS ONLY. SEPARATE FROM CARRIAGEWAY, NO TRAFFIC LOADING (DMRB CD239 TABLE 3.18a - CBR 2.5%)
SURFACE COURSE 1. HRA TO BS EN 13108-4 AND PD 6691 UTILISING AGGREGATE TO BS EN 13043 AND PD 6692-2. 2. COLOUR TO BE CONFIRMED BY LANDSCAPE ARCHITECT BINDER COURSE 1. ASPHALT CONCRETE TO BS EN 13108-1 AND PD 6691 UTILISING AGGREGATE TO BS EN 13043 AND PD 6682-2. BASE COURSE 1. ASPHALT CONCRETE TO BS EN 13108-1 AND PD 6691 UTILISING AGGREGATE TO BS EN 13043 AND PD 6682-2. SUB-BASE 1. TYPE 1 SUB-BASE TO BE UNBOUND GRANULAR MATERIAL IN ACCORDANCE WITH CLAUSE 803 OF THE SPECIFICATION FOR HIGHWAY WORKS. GENERAL NOTES 1. BOND COAT IN ACCORDANCE WITH BS 594987 TO BE APPLIED BETWEEN ASPHALT LAYERS 2. DETAILS PROVIDED IN LINE WITH NHBC CLAUSE 10.2.6.	BITUMINOUS SURFACE 2 SHARED DRIVES HAVING INFREQUENT USE BY COMMERCIAL VEHICLES (NHBC CLAUSE 10.2.6 TABLE 3c)

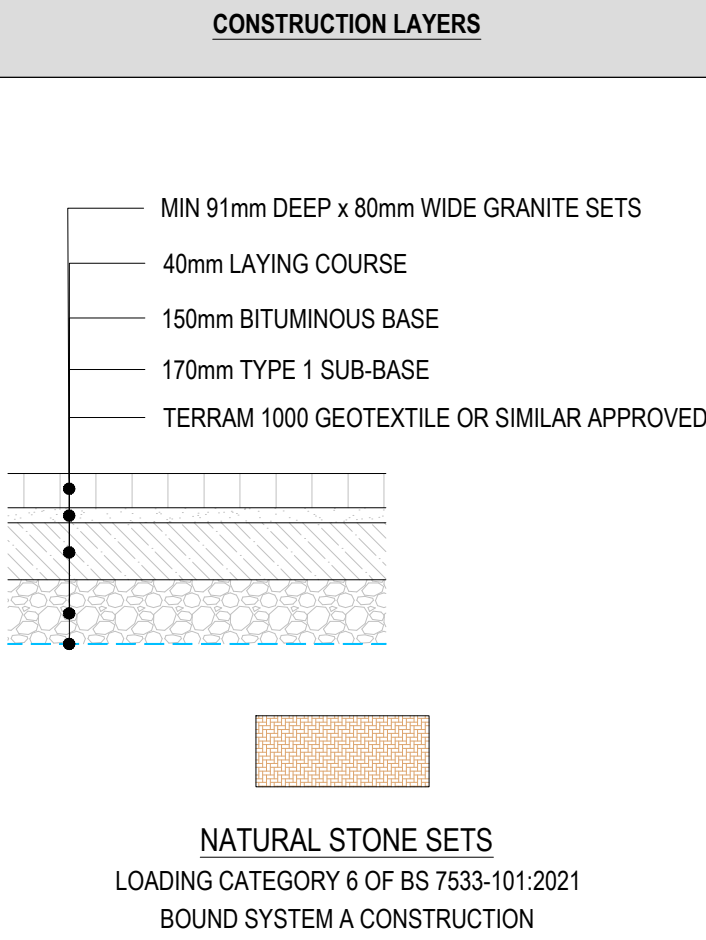
TABLE A - SUB-BASE ADJUSTMENT FOR CBR	
CBR at sub grade level (%)	Minimum thickness (mm) sub-base
less than 2	SUBGRADE REQUIRES IMPROVEMENT
2-3	325
3-5	250
5-7	150
7-20	100

KERB DETAILS	
GENERAL KERB NOTES	1. EDGINGS TO BE TO SPECIFICATION CLAUSE 1101. 2. FOUNDATIONS AND BACKING TO BE TO CLASS ST1 TO CLAUSE 2602. 3. MORTAR BEDDING TO BE TO CLAUSE 2601. 4. ALL CONCRETE EDGING IN ACCORDANCE WITH EUROPEAN STANDARD BS EN 1340.



LOADING CATEGORY DEFINITIONS		
THE FOLLOWING LOADING DEFINITIONS ARE TAKEN FROM TABLE 2b OF BS 7533-101:2021		
TRAFFIC CATEGORY	STANDARD AXLES PER DAY	TYPICAL APPLICATIONS
6	≤ 70	ADOPTED HIGHWAYS AND COMMERCIAL/ INDUSTRIAL DEVELOPMENTS USED BY A MODERATE NUMBER OF COMMERCIAL VEHICLES. PEDESTRIAN AREAS SUBJECT TO REGULAR OVERRUN OF COMMERCIAL VEHICLES. INDUSTRIAL PREMISES. PETROL STATION FORECOURTS.

GENERAL IMPERMEABLE BLOCK PAVING NOTES - UNBOUND CONSTRUCTION
SURFACE COURSE 3. DETAIL PROVIDED FOR NATURAL STONE SETS ONLY. IF A DIFFERENT SURFACING TYPE IS REQUIRED, ENGINEER TO BE NOTIFIED AND DETAIL TO BE AMENDED. 4. DETAIL SUITABLE FOR HEWN, CLASS 2 STONE SETS WITH NOMINAL DIMENSIONS BETWEEN 60 - 120mm. 5. SETS TO BE FULLY COMPLIANT WITH BS 7533-101:2021. 6. SETS TO BE LAID IN A STRETCH BOND PATTERN LAID PERPENDICULAR TO TRAFFIC. IF A DIFFERENT LAYING PATTERN IS REQUIRED, ENGINEER TO BE INFORMED AND DETAIL REVIEWED. 7. LAYING PATTERN INCLUDING SOLIDER COURSES TO BE SPECIFIED TO PROVIDE SUFFICIENT LATERAL RESTRAINT. SURFACE COURSE JOINTING 1. JOINTING MATERIAL TO BE TYPE 40 JOINTING MORTAR IN LINE WITH TABLE 12 OF BS7533-101:2021. 2. MAXIMUM AGGREGATE PARTICLE SIZE SHOULD BE NOT GREATER THAN 40% OF THE JOINTING WIDTH. 3. JOINT WIDTHS TO BE 8mm. LAYING COURSE 1. TO BE TYPE 35 BEDDING MORTAR IN LINE WITH TABLE 9 OF BS7533-101:2021. 2. BEDDING MORTAR TO BE PROPRIETARY AND NOT SITE BATCHED. 3. BASE PERMEABILITY TO BE MEASURED IN ACCORDANCE WITH BS EN 12697-19. IF BASE IS PERMEABLE (GREATER THAN 1 x 10⁻⁴ m/s), VERTICAL PERMEABLE OF LAYING COURSE SHOULD BE >5 x 10⁻⁵ m/s. IF BASE IS NOT-PERMEABLE, ENGINEER TO BE NOTIFIED AND DETAIL REVIEWED PRIOR TO CONSTRUCTION. BASE COURSE 1. BITUMINOUS BASE TO BE AC 20 DENSE BIN 40/60 DES CONFIRMING TO BS EN 13108-1 SUB-BASE 1. TYPE 1 SUB-BASE TO BE UNBOUND GRANULAR MATERIAL IN ACCORDANCE WITH CLAUSE 803 OF THE SPECIFICATION FOR HIGHWAY WORKS.

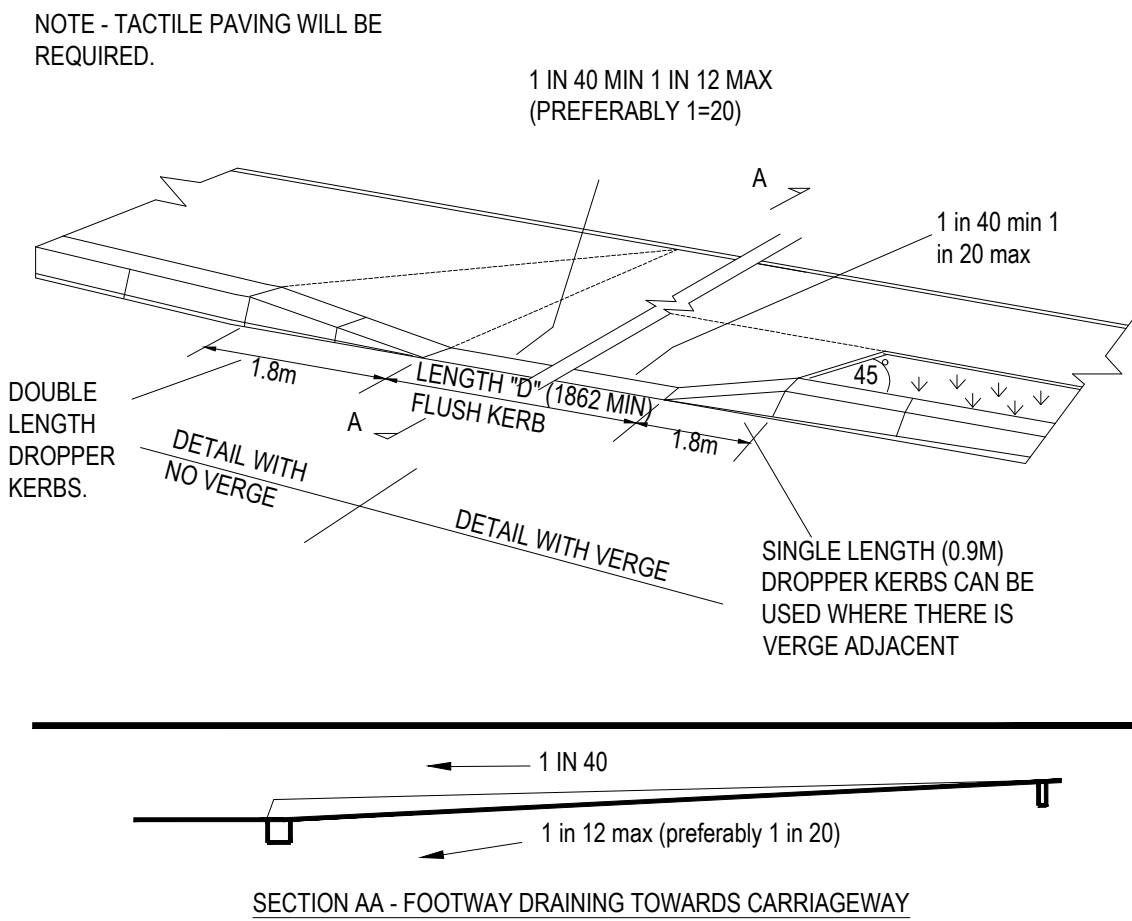
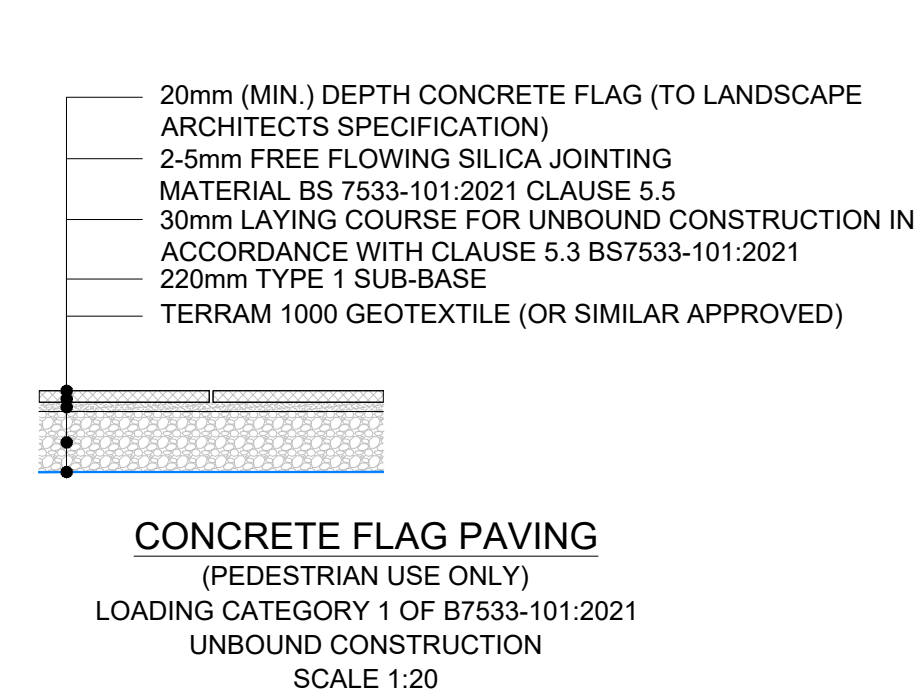


NATURAL STONE SETS

LOADING CATEGORY 6 OF BS 7533-101:2021

BOUND SYSTEM A CONSTRUCTION

LOADING CATEGORY DEFINITIONS		
THE FOLLOWING LOADING DEFINITIONS ARE TAKEN FROM TABLE 2a OF BS 7533-101:2021		
TRAFFIC CATEGORY	STANDARD AXLES PER DAY	TYPICAL APPLICATIONS
1	0	PEDESTRIAN ONLY AREAS, INCLUDING DOMESTIC APPLICATIONS



- NOTES:-
- CONSTRUCTION SHALL BE THE SAME AS THE ADJACENT FOOTWAY UNLESS OTHERWISE DIRECTED BY THE ENGINEERS.
 - THE BACK OF PATH SHALL NOT BE DROPPED UNLESS CROSSFALL WOULD OTHERWISE BE EXCESSIVE. CONSULT THE ENGINEERS.
 - FLUSH KERBS SHALL BE 0-6mm UPSTAND.
 - NO KERBS, CHANNELS OR OTHER DEMARCATATIONS SHALL CROSS THE LINE OF THE FOOTWAY UNLESS REQUIRED BY THE ENGINEERS.
 - PONDING IN THE CHANNEL BY THE DROP KERB MUST BE AVOIDED.

PEDESTRIAN DROPPED KERB

SCALE 1:20

- GENERAL NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - FOR GENERAL NOTES REFER TO DRAWING.

P02	UPDATED WITH ADDITIONAL DETAILS	30.03.26	RD	YB
P01	TENDER ISSUE	30.03.26	RD	YB
Rev:	Description:	Date:	By:	Chkd:

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Status: **SUITABLE FOR CO-ORDINATION** **S1**

Project: **UOR, ACACIA ROAD**

Dwg Title:

TYPICAL CONSTRUCTION DETAILS

Drawn By	Designed By	Checked By
RD	RD	YB
Date	19/03/26	Scales @ A1 AS NOTED
Project No - Originator - Function - Spatial - Form - Discipline - Number		
Revision		

089077 - CUR - XX - XX - D - C - 95100 P02