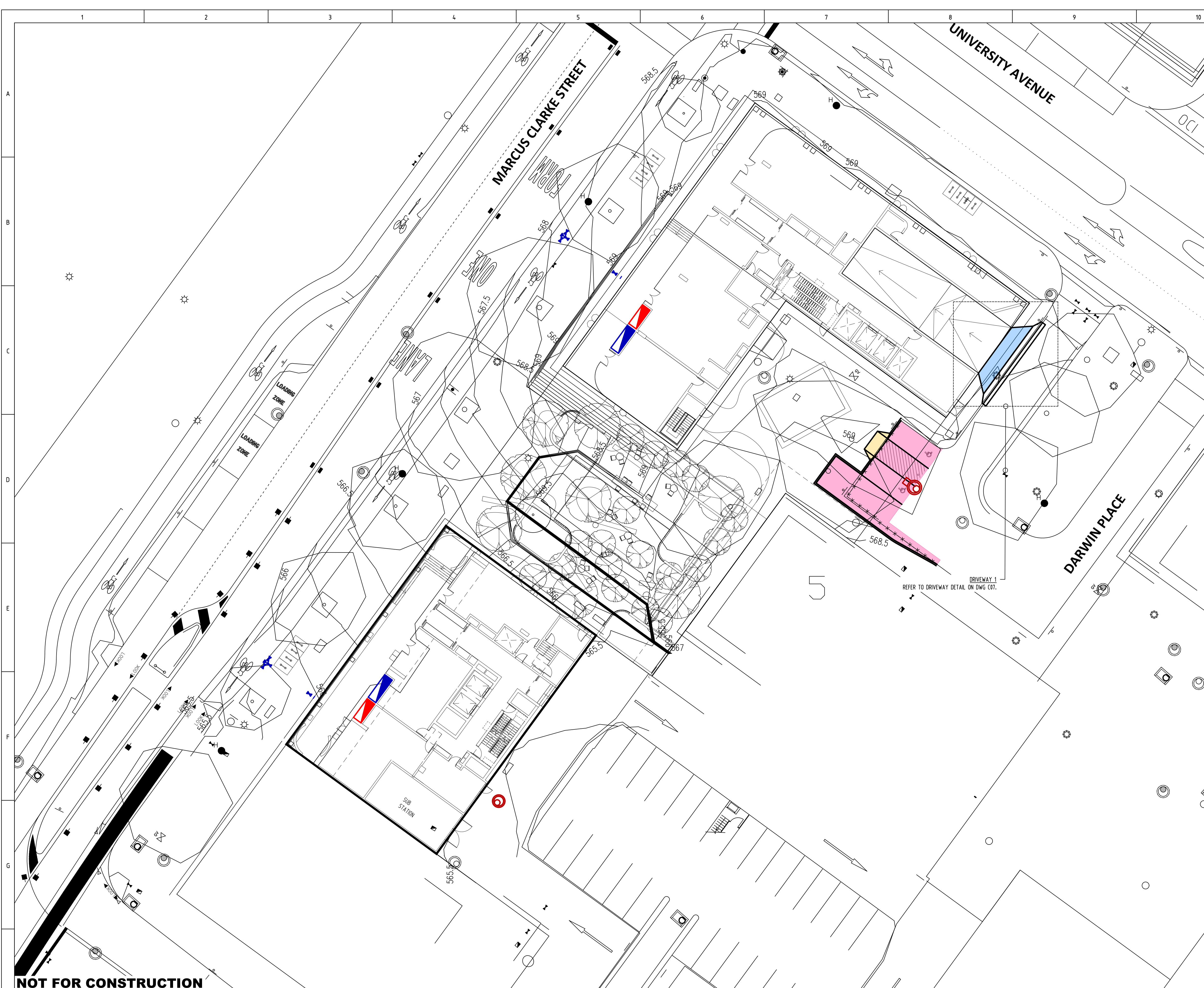




DRIVEWAY CONSTRUCTION AND CONCRETE WORKS

GENERAL NOTES

- THE COST OF OFF SITE CONCRETE WORKS ARE TO BE AT FULL COST TO THE DEVELOPER.
- THE MODIFICATION OF EXISTING VERGE LEVELS IS NOT PERMITTED WITHOUT THE PRIOR APPROVAL FROM TRANSPORT CANBERRA AND CITY SERVICES.
- DRIVEWAYS ARE TO BE CONSTRUCTED, UNLESS NOTED OTHERWISE, A MINIMUM OF:
 - 1200mm AWAY FROM INFRASTRUCTURE SUCH AS SUMPS AND PITS;
 - 1500mm AWAY FROM STREET LIGHTS, PILLARS, SUBSTATIONS, AND BUS SHELTERS;
 - 3000mm AWAY FROM TREES;

SPECIFICATION - DRIVEWAYS

- ALL CONCRETE SHALL BE GRADE 32 (32 MPa), AGGREGATE SIZE TO BE 20mm MAXIMUM.
- PAVEMENT TO BE MINIMUM OF 150mm THICK AND REINFORCED WITH SL82 MESH AT 50mm TOP COVER UNLESS OTHERWISE NOTED.
- ALL DRIVEWAYS SHALL BE CONSTRUCTED ON GRANULAR SUBBASE CLASS 1 WITH 75mm MINIMUM THICKNESS AND COMPACTED TO 95%MMDD.
- DRIVEWAYS SHALL BE INSPECTED AT FORM WORK, PRIOR TO POURING CONCRETE, BY A MEMBER OF TRANSPORT CANBERRA AND CITY SERVICES OR THE DESIGN ENGINEER.
- BROOMED FINISH TO BE APPLIED TO ALL KERB CROSSINGS AND PRAM RAMP. ALL OTHER EXPOSED SURFACES TO HAVE STEEL FLOAT FINISH.
- ALL CONCRETE TO BE WATER CURED CONTINUOUSLY FOR 3 DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND.

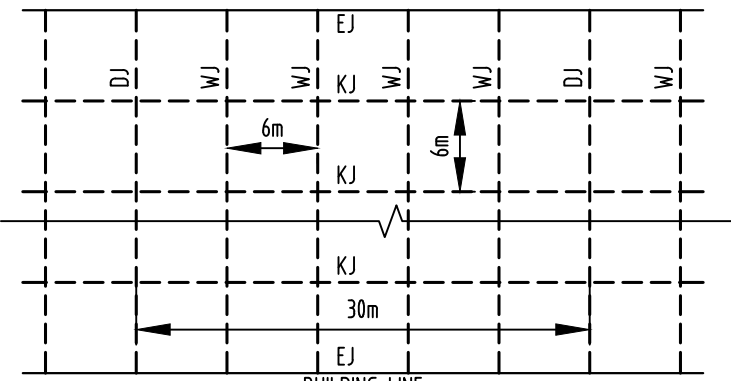
SPECIFICATION - KERBS, FOOTPATHS AND MINOR WORKS

- CONSTRUCTION OF CONCRETE KERBING, LAYBACKS AND FOOTPATHS SHALL BE DONE IN ACCORDANCE WITH TRANSPORT CANBERRA AND CITY SERVICES STANDARD DRAWINGS AND SPECIFICATIONS.
- ALL CONCRETE TO BE MINIMUM GRADE N25 (25MPa) UNLESS NOTED OTHERWISE. AGGREGATE SIZE TO BE 20 MAXIMUM.
- JOINTS IN THE CONCRETE SHALL BE AS PER THE GIVEN DETAILS, IN ACCORDANCE WITH TRANSPORT CANBERRA AND CITY SERVICES STANDARDS.
- ALL KERBS, GUTTERS, INVERTS AND CROSSINGS TO BE CONSTRUCTED ON COMPACTED GRANULAR SUBBASE CLASS 1 (SB1) OF 75mm MINIMUM THICKNESS OR AS OTHERWISE DETAILED.
- EXPANSION JOINTS (EJ) TO BE SEALED WITH 12mm JOINTEX FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EJS TO BE LOCATED AT ALL DRAINAGE STRUCTURES (BOTH SIDES), ON TPs OF CURVES LESS THAN 15m RADIUS AND ELSEWHERE AT 15m CENTRES.
- WEAKENED PLANE JOINTS (WJ) TO BE 3mm WIDE TO 1/4 DEPTH FOR EXTRUDED WORK AND TO THE FULL DEPTH OF FORMED SECTIONS. WJS TO BE LOCATED AT ALL VES, PGS AND ELSEWHERE AT 3m CENTRES.
- FOR KG NOT LAID BY MACHINE, RADIUS AT THE TOP OF KERB FACE TO BE REDUCED TO 10mm.
- BROOMED FINISH TO BE APPLIED TO ALL KERB CROSSINGS AND PRAM RAMP. ALL OTHER EXPOSED SURFACES TO HAVE STEEL FLOAT FINISH.
- ALL CONCRETE TO BE WATER CURED CONTINUOUSLY FOR 3 DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND.

GENERAL JOINTING DETAILS

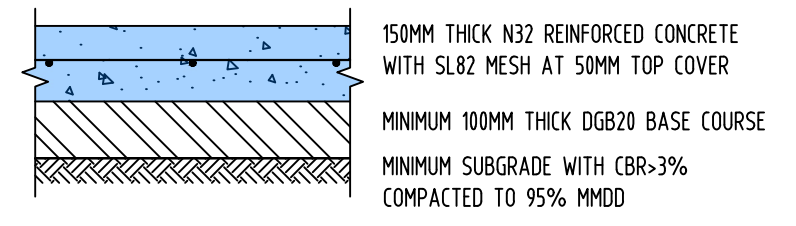
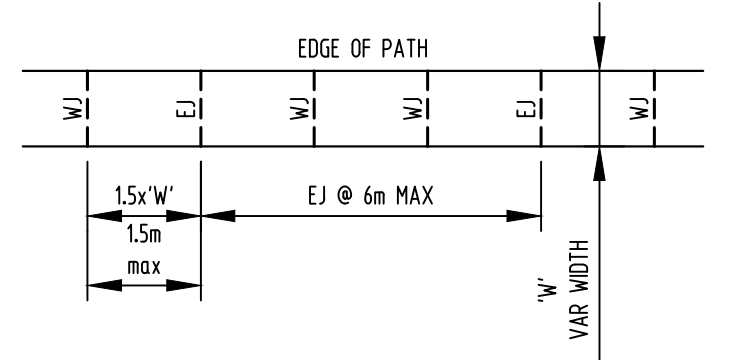
GENERAL DRIVEWAY JOINT DETAILS

- JOINTS ON THE VERGE CROSSING IS TO BE AS PER DETAIL PROVIDED IN THESE DRAWINGS.
- PROVIDE 10MM WIDE FULL DEPTH EXPANSION JOINTS BETWEEN BUILDINGS AND ALL OTHER CONCRETE SURFACES.
- JOINT PATTERN AND LAYOUT TO BE USED AS A GUIDE ONLY. TO BE CONFIRMED ON SITE BY THE BUILDER / CONTRACTORS.

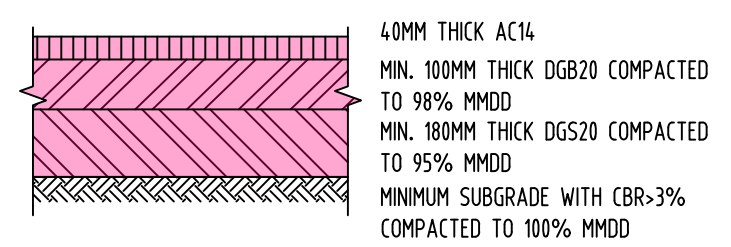


FOOTPATH JOINT DETAILS

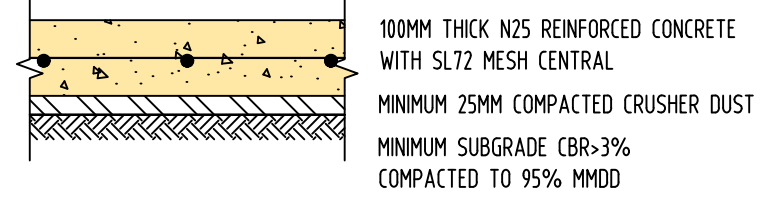
- EXPANSION JOINTS ARE TO BE LOCATED AT A MAXIMUM DISTANCE OF 6m APART AND ON ALL JOINTS TO OTHER EXISTING PATHS, VERGE CROSSINGS OR STRUCTURES.
- THE NEW JOINT PATTERN SHALL MATCH THE EXISTING ADJOINING JOINT PATTERN TO PROMOTE PEDESTRIAN TRAFFIC MOVEMENTS.



CONCRETE PAVEMENT - 150mm



ASPHALT PAVEMENT



FOOTPATH DETAIL

ACT CONSULTING ENGINEERS
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0m 2 4 6 8 10
1:200 @A1 1:400 @A3

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NORTH:

REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
A	FOR DEVELOPMENT APPLICATION	24.10.2023	L.K	L.K	L.K
B					
C					
D					
E					

CLIENT:

BULUM GROUP

PROJECT:

MIXED USE DEVELOPMENT

SITE ADDRESS:

BLOCK 2 & 5 SECTION 5
UNIVERSITY AVENUE
CANBERRA CITY

SCALE:	AS SHOWN	DATE:	24.10.2023	DWG No.:	C06
PROJECT No.:	22-796	REVISION:	A		
DRAWING TITLE:					
CIVIL WORKS PLAN					

Date Plotted: 24/10/2023