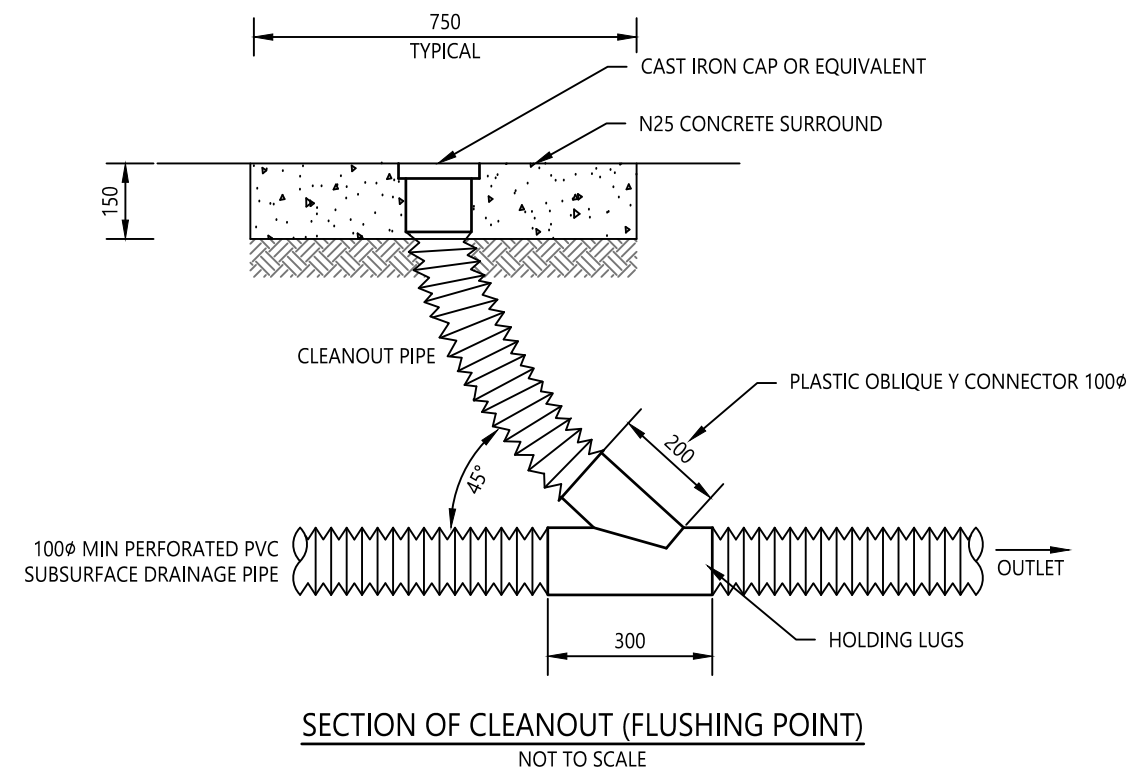
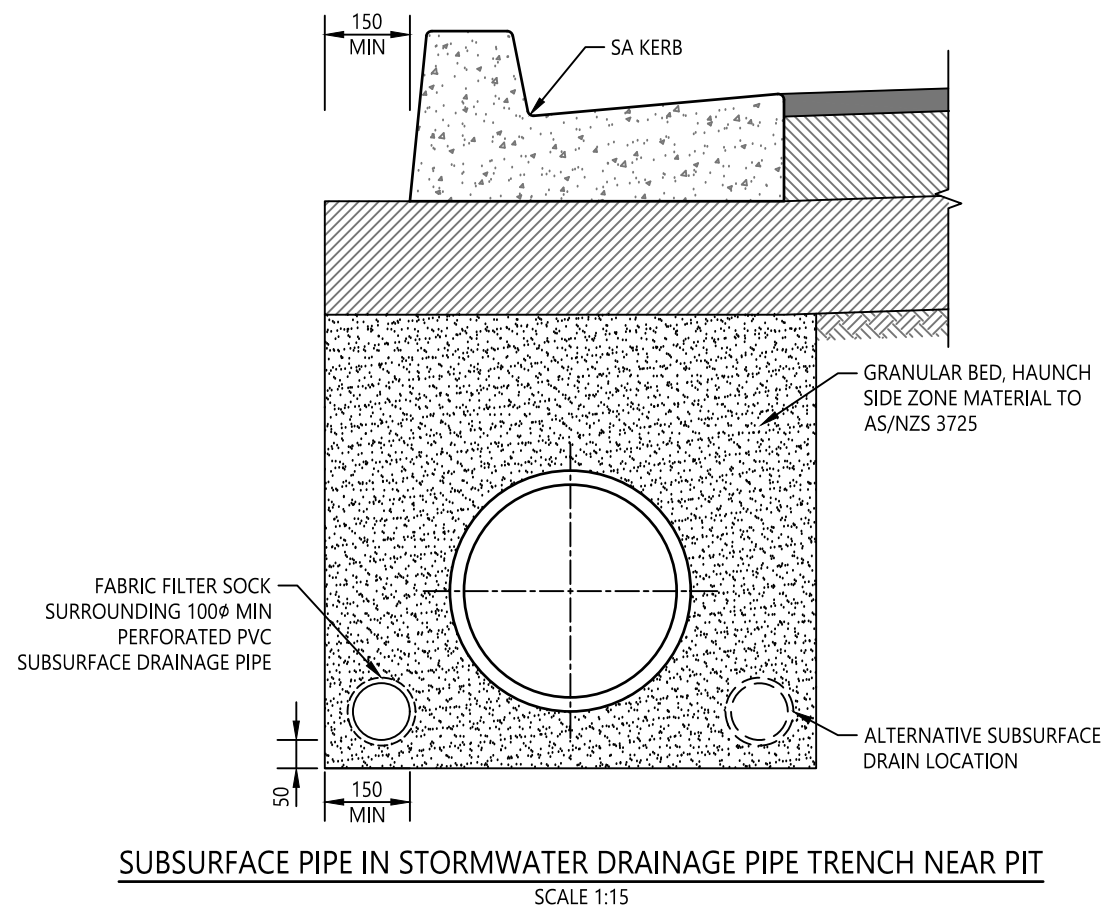
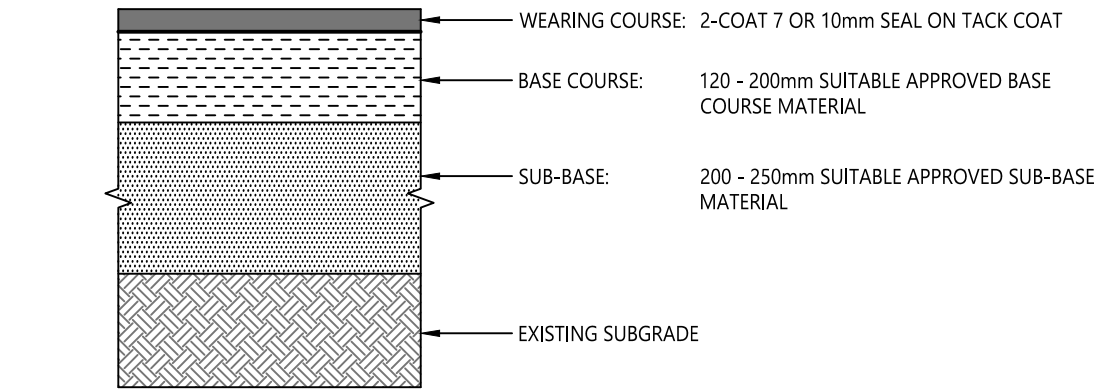


NOTES:

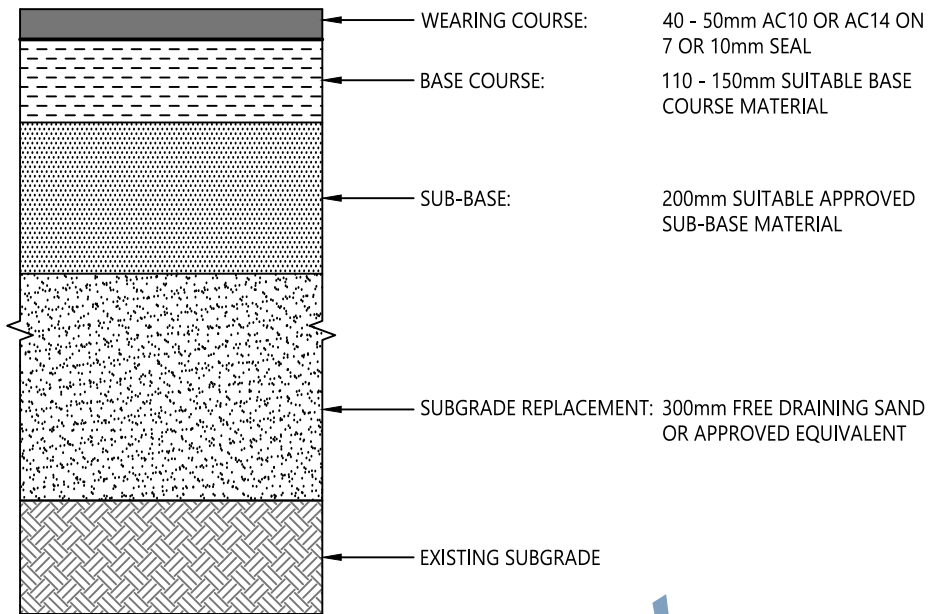
1. SUBSURFACE TRENCH DRAINS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL'S CIVIL WORKS CONSTRUCTION SPECIFICATION AND AUSTRROADS ROAD DESIGN GUIDELINES.
2. THE SUBSURFACE TRENCH DRAINAGE PIPE INVERT SHALL BE LOCATED AT LEAST 250mm BELOW NATURAL PAVEMENT SUBGRADE OR 250mm BELOW THE BASE OF SUBGRADE REPLACEMENT LAYER OR 250mm BELOW SELECT PAVEMENT LAYER, WHICHEVER IS LOWER, UNLESS OTHERWISE REQUIRED IN THE APPROVED PAVEMENT DESIGN.
3. MATERIALS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF COUNCIL'S CIVIL WORKS SPECIFICATION.
4. SUBSURFACE DRAINAGE DETAILS FOR RIGID PAVEMENTS, FULL DEPTH ASPHALT PAVEMENTS AND HEAVILY BOUND PAVEMENTS SHALL BE AS DETAILED ON DESIGN DRAWINGS.
5. SUBSURFACE TRENCH DRAINS SHOULD START AND END AT DRAINAGE PITS IN URBAN AREAS. FLUSHING POINTS SHALL OTHERWISE BE INSTALLED IN FOOTWAY OR VERGE AREAS AS REQUIRED.
6. MAXIMUM DISTANCE BETWEEN A FLUSHING POINT AND OUTLET SHALL BE 120m TO FACILITATE INSPECTION AND FLUSHING.
7. SUBSURFACE DRAINAGE PIPES MAY BE PLACED AT THE LOWEST POINT IN SUBGRADE REPLACEMENT PAVEMENTS.



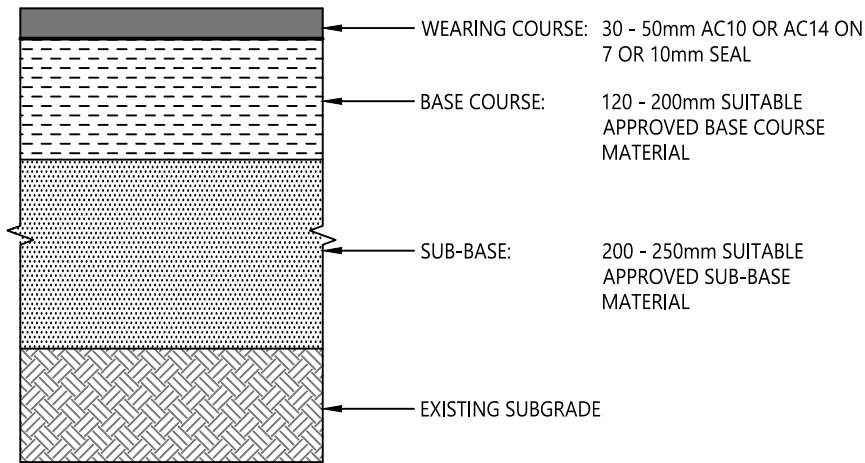
					<div>SCALE ON ORIGINAL A3 SIZE DRAWING</div> <div><div>0150300450600750</div><div><div></div><div></div><div></div><div></div><div></div></div><div>1:15</div></div>	<div>DRAWN</div> <div>C SHEPPEARD</div> <div>CHECKED</div> <div>M BAMBER</div> <div>DATE</div> <div>28/4/20</div> <div>UNIT MANAGER APPROVAL</div> <div><div></div></div> <div>ASSETS PLANNING AND DESIGN</div>	<div><div>Central Coast Council</div></div> <div>ROADS TRANSPORT DRAINAGE AND WASTE</div>	<div>Central Coast Council</div> <div>PAVEMENT SERIES</div> <div>SUBSURFACE TRENCH DRAIN AND FLUSHING POINT</div>	<div>STANDARD DRAWING</div> <div>DRAWING NUMBER</div> <div>SD0301</div> <div>SHEET 1 OF 1</div> <div>REV</div> <div>-</div> <div>A3</div>	
REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN					



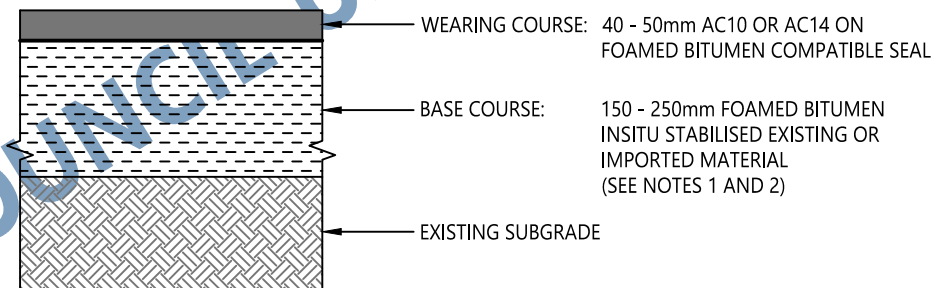
**TYPICAL GRANULAR PAVEMENT
WITH BITUMEN SEAL WEARING COURSE**
SCALE 1:10



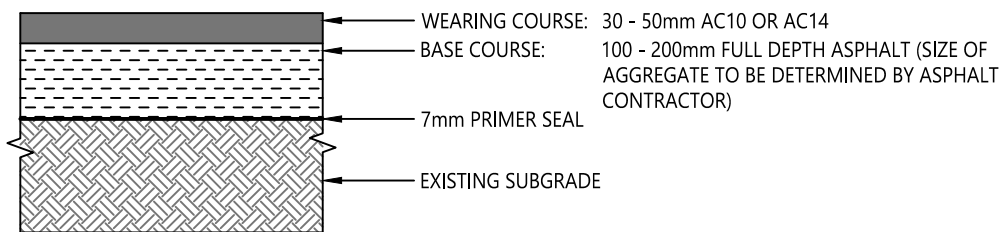
**TYPICAL GRANULAR PAVEMENT
WITH ASPHALT WEARING COURSE
AND SUBGRADE REPLACEMENT**
SCALE 1:10



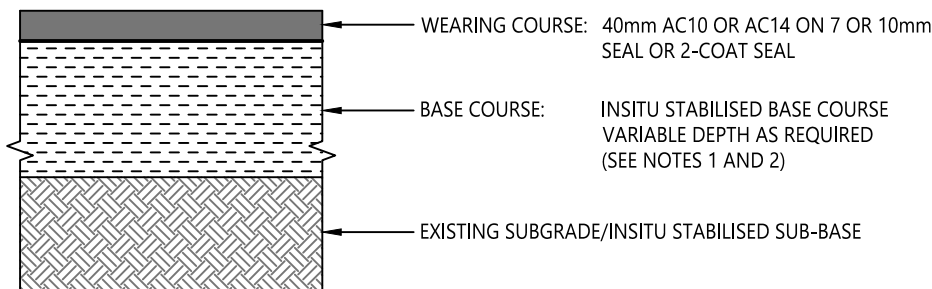
**TYPICAL GRANULAR PAVEMENT
WITH ASPHALT WEARING COURSE**
SCALE 1:10



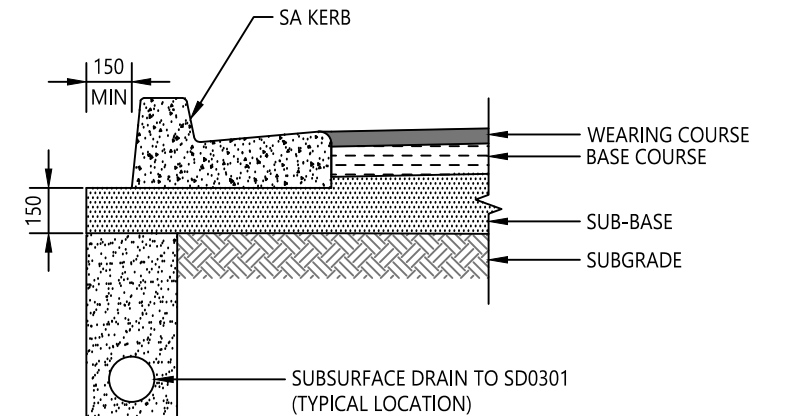
TYPICAL FOAMED BITUMEN INSITU STABILISED PAVEMENT
SCALE 1:10



TYPICAL FULL DEPTH ASPHALT (FDA) PAVEMENT
SCALE 1:10



TYPICAL INSITU STABILISED PAVEMENT
SCALE 1:10

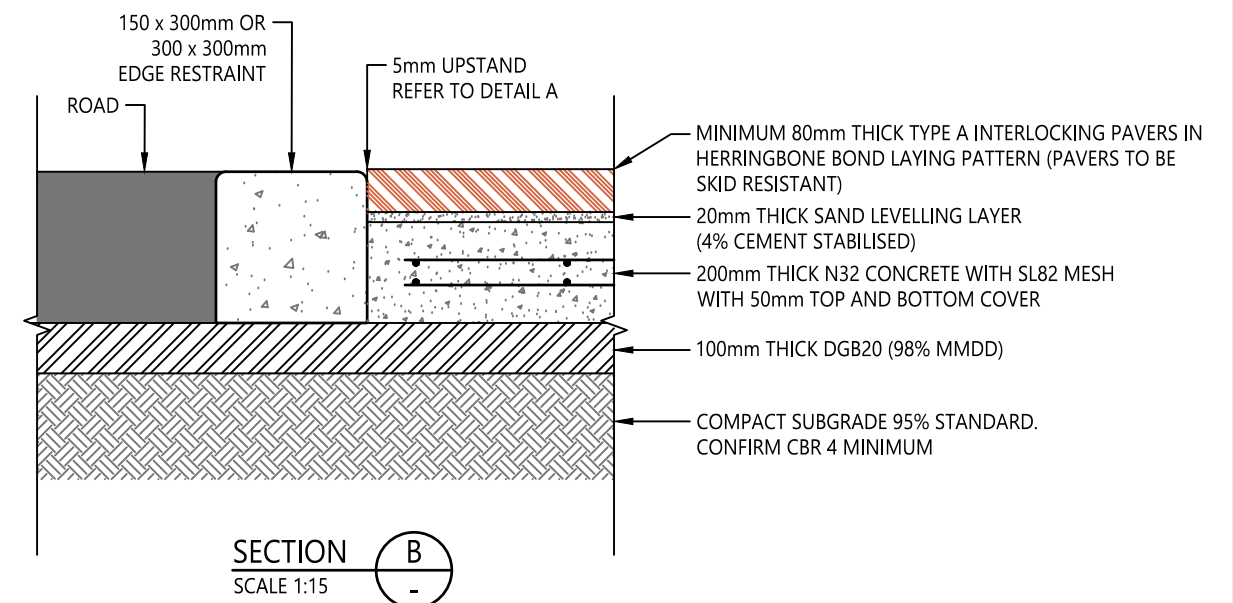
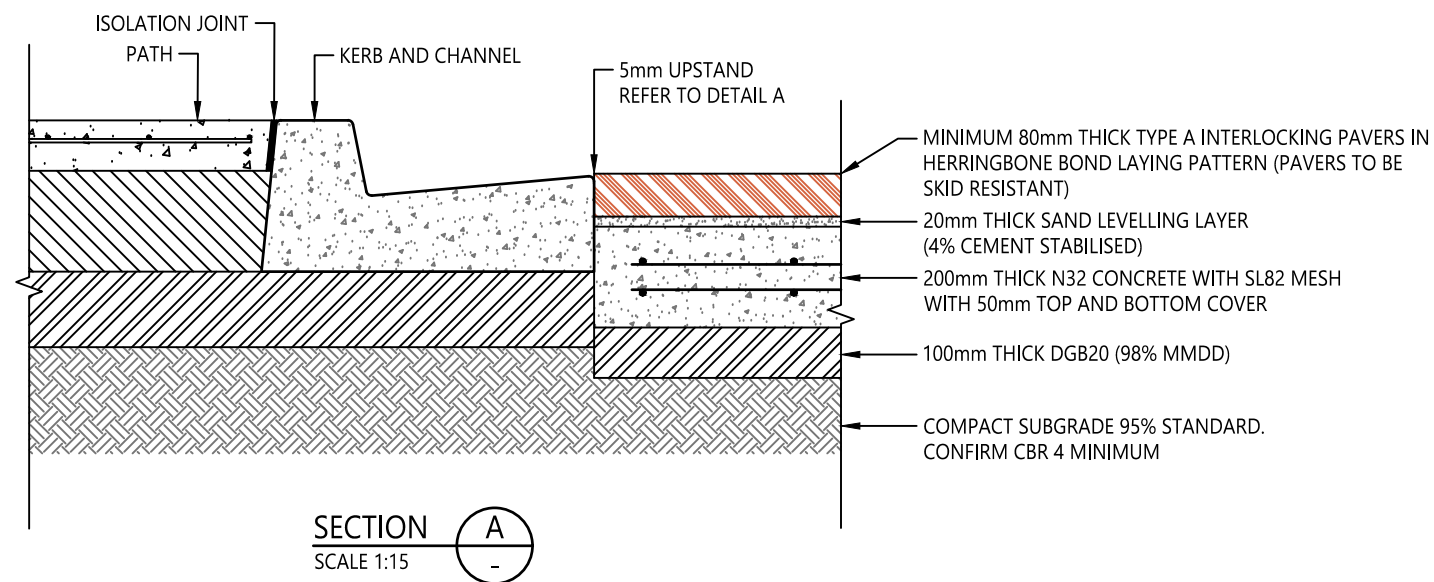
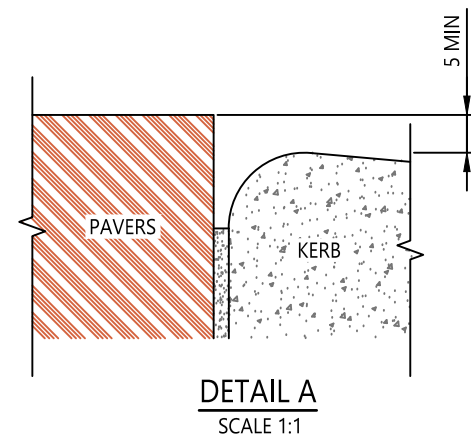
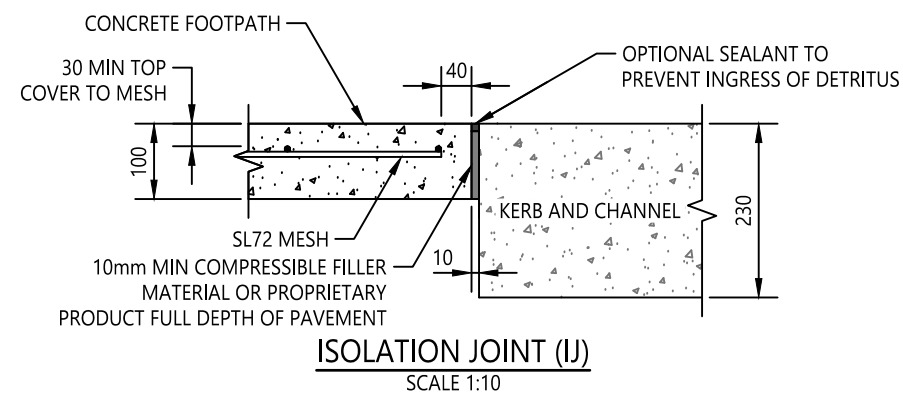
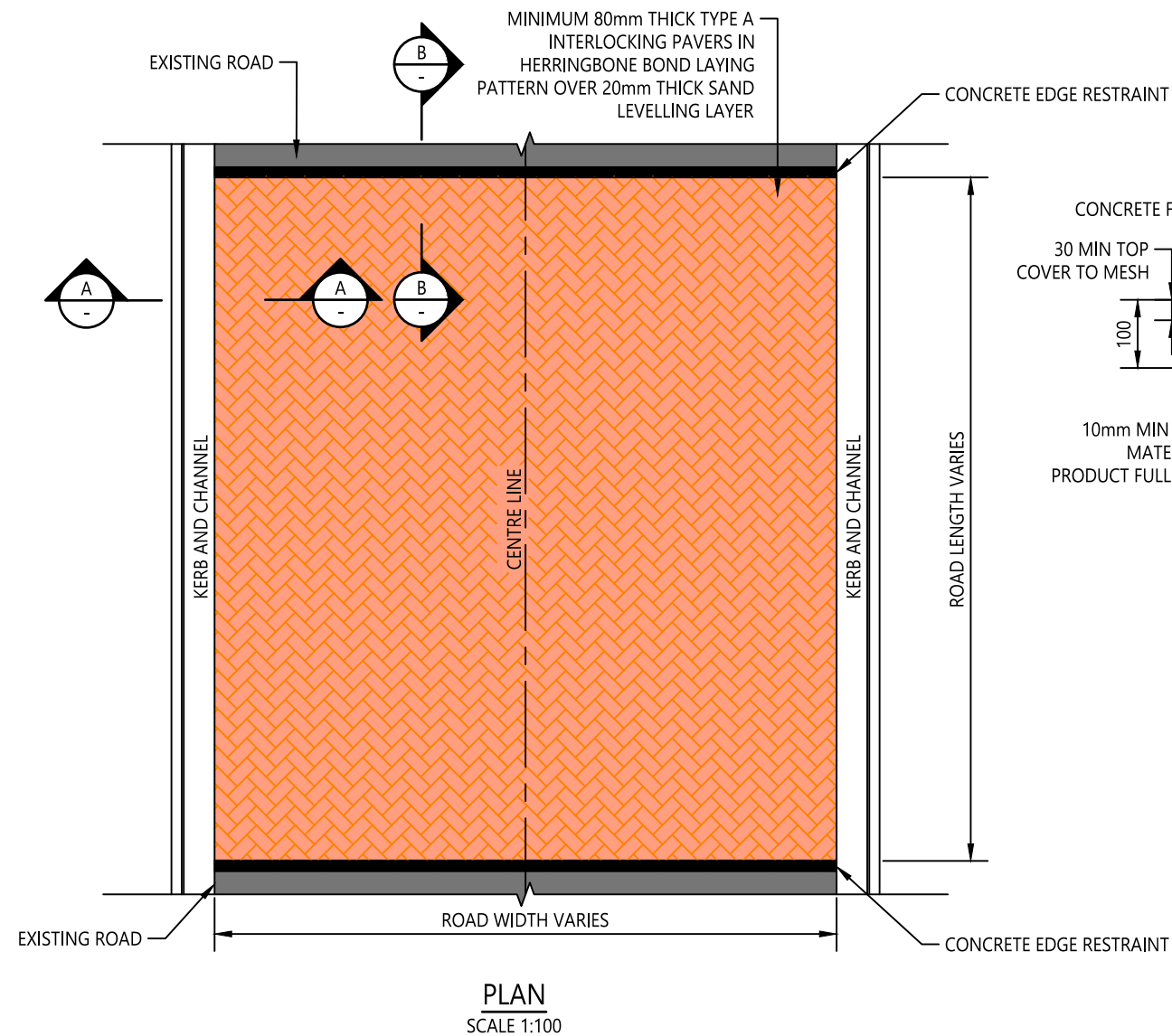


TYPICAL PAVEMENT DETAIL UNDER KERB
SCALE 1:25

NOTES:



1. THE PAVEMENT DESIGNS SHOWN ARE TYPICAL PAVEMENTS ONLY. SITE SPECIFIC GEOTECHNICAL TESTING, PAVEMENT DESIGN AND DETERMINATION OF THE SUBGRADE CBR VALUE MUST BE COMPLETED FOR EACH PROJECT.
2. THE TYPE, QUALITY AND THICKNESS OF MATERIAL USED IN EACH PAVEMENT LAYER, ESPECIALLY FOR ASPHALT WEARING COURSE, BASE COURSE AND SUB-BASE LAYERS IS TO BE DETERMINED BY ROAD HIERARCHY CONSIDERATIONS AND THE SITE SPECIFIC TRAFFIC LOADING (ESA). OTHER FACTORS THAT MAY AFFECT PAVEMENT THICKNESS INCLUDE WHETHER THE ROAD IS FOR RESIDENTIAL OR INDUSTRIAL USE AND IF THE ROAD IS A BUS ROUTE.
3. SEAL AGGREGATE SIZE IS GENERALLY 7 OR 10mm FOR THE CENTRAL COAST REGION, HOWEVER, THIS MAY BE AFFECTED BY TRAFFIC LOADING (ESA), PREVAILING CLIMATIC CONDITIONS AND CONSTRUCTABILITY REQUIREMENTS.
4. WHEN BOXING OUT, THE SIDES OF THE EXCAVATION MUST BE TRIMMED VERTICAL TO THE FULL DESIGN DEPTH. CROSSFALL AND DRAINAGE MUST BE PROVIDED AT THE BOTTOM OF THE EXCAVATION TO ELIMINATE DAMMING OF WATER/MOISTURE.
5. IF SPECIFIC SECTIONS OF LOW QUALITY EXISTING MATERIAL ARE FOUND, THEY WILL REQUIRE ADDITIONAL REPLACEMENT WORK AND/OR USE OF GEOTEXTILES AND/OR GEOGRID. DETERMINATION OF THE EXTENT OF THESE AREAS (IF ANY) IS TO BE UNDERTAKEN ON SITE AT THE TIME OF EXCAVATION.
6. CARE MUST BE TAKEN TO NOT STRESS SUBGRADE MATERIAL BY TRAFFICKING OF CONSTRUCTION EQUIPMENT.
7. SUBSURFACE DRAINAGE SHALL BE PROVIDED AT ALL EXCAVATION INTERFACES TO ELIMINATE DAMMING OF WATER/MOISTURE.
8. ANY AREAS TO BE WIDENED THAT ARE IN FILL SHALL BE BUILT UP IN LAYERS USING A SELECT SUBGRADE MATERIAL UP TO THE UNDERSIDE OF THE SUB-BASE LEVEL. EACH LAYER SHALL BE STEPPED IN. SELECTED EXCAVATED GRAVEL MATERIALS FROM THE SITE COULD BE RE-USED OR IMPORTED MATERIAL USED WHERE NECESSARY.

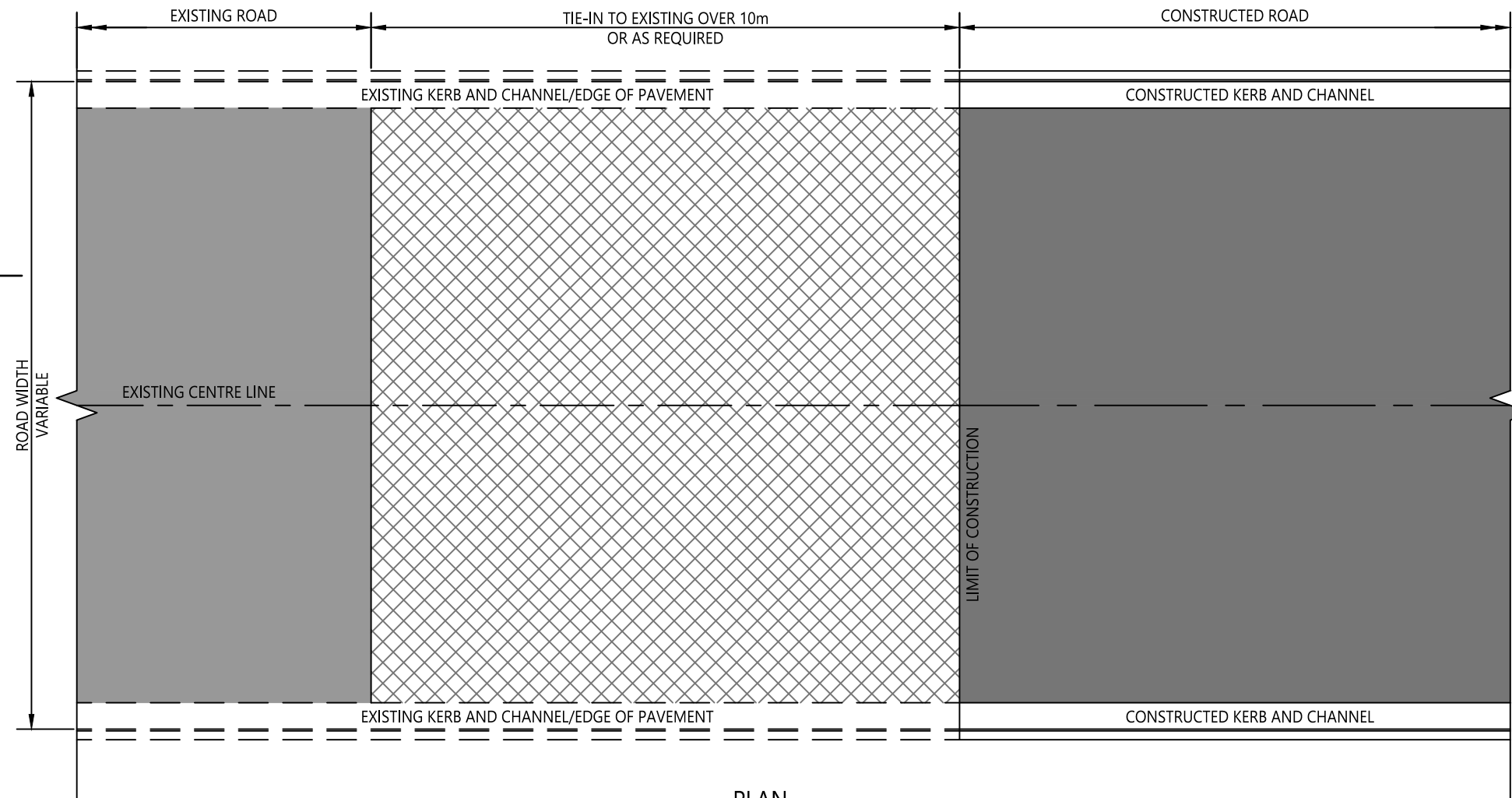
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REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN		ROADS TRANSPORT DRAINAGE AND WASTE	<div>PAVEMENT SERIES</div> <div>TYPICAL FLEXIBLE PAVEMENT DESIGNS</div>		



NOTES:

1. THIS STANDARD DRAWING IS BASED ON DETAILS PROVIDED BY SYDNEY CITY COUNCIL.
2. THE PAVEMENT SPECIFICATION SHOWN ON THIS STANDARD DRAWING IS A MINIMUM STANDARD FOR ROAD PAVEMENTS.
3. CONCRETE, CLAY (CLASS 4) OR SIMILAR MATERIALS SHOULD BE USED FOR THE PAVERS.
4. TYPE A PAVES AS DEFINED IN CMAA PA01 CONCRETE SEGMENTAL PAVEMENTS - DETAILING GUIDE (2014). DENTATED UNITS THAT KEY INTO EACH OTHER AND, BY THEIR PLAN GEOMETRY, INTERLOCK AND RESIST THE RELATIVE MOVEMENT OF JOINTS PARALLEL TO BOTH THE LONGITUDINAL AND TRANSVERSE AXES OF THE UNIT.
5. PAVERS SHALL HAVE A MINIMUM SLIP-RESISTANCE SURFACE CLASSIFICATION OF CLASS W UNDER AS/NZS 4586 WET PENDULUM TEST USING FOUR S RUBBER (SIMULATED STANDARD SHOE SOLE RUBBER).
6. PAVING IS NOT PERMITTED ON GRADES ABOVE 5%.

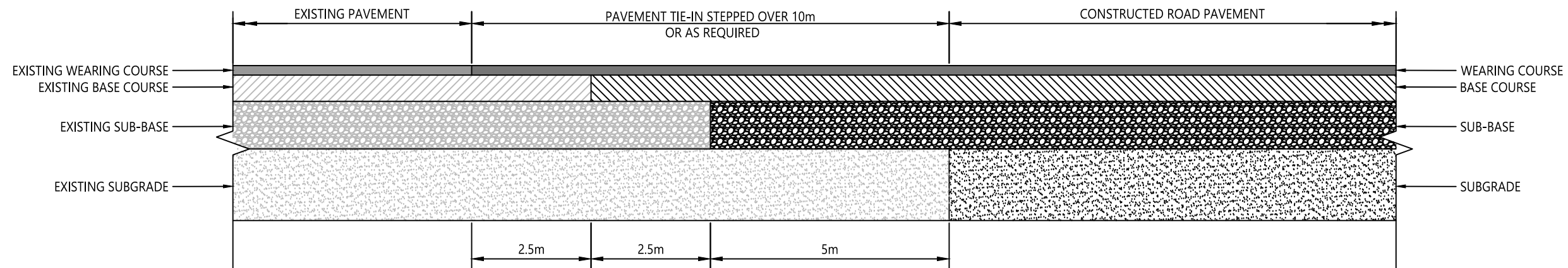
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						DATE	28/4/20			SD0303	-	
						UNIT MANAGER APPROVAL 				SHEET 1 OF 1	A3	
ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN					ASSETS PLANNING AND DESIGN		ROADS TRANSPORT DRAINAGE AND WASTE					



PLAN
SCALE 1:100

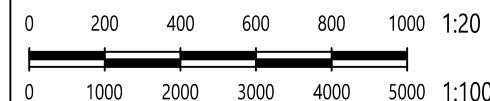
NOTES:

1. PAVEMENT TO BE CONSTRUCTED WITH RELEVANT CROSSFALL AND SUBSURFACE DRAINAGE TO ELIMINATE DAMMING OF WATER FROM THE PAVEMENT LAYERS.
2. SUBSURFACE DRAINAGE SHALL BE PROVIDED AT ALL EXCAVATION INTERFACES TO ELIMINATE DAMMING OF WATER.
3. WHERE TIE-IN INVOLVES A SECTION OF ROAD WITHOUT KERB AND CHANNEL, REGRADE TABLE DRAINS TO INVERT OF KERB LEVEL AND KERB ALIGNMENT AS REQUIRED.



SECTION
SCALE H 1:100
V 1:20

SCALE ON ORIGINAL A3 SIZE DRAWING



ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN

DRAWN C SHEPPEARD
CHECKED M BAMBER
DATE 28/4/20
UNIT MANAGER APPROVAL
ASSETS PLANNING AND DESIGN



Central Coast Council

PAVEMENT SERIES
NEW PAVEMENT TIE-IN TO EXISTING PAVEMENT

STANDARD DRAWING

DRAWING NUMBER	REV
SD0304	-
SHEET 1 OF 1	A3