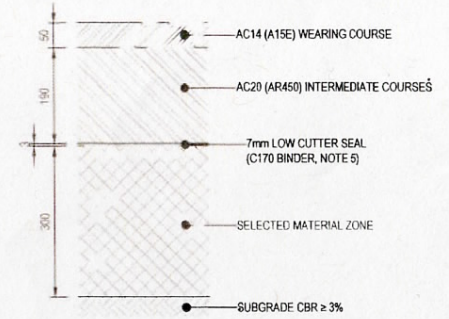
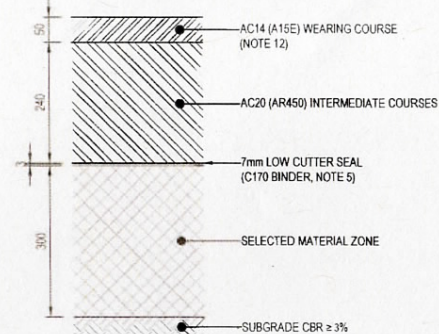
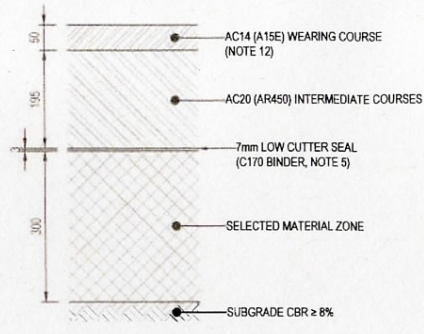


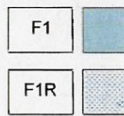
PAVEMENT PROFILE NOTES

- FOR GENERAL NOTES REFER TO DRAWING PV-2003.
- FOR PAVEMENT LOCATIONS REFER TO PLAN DRAWINGS PV-2040 TO PV-2048.
- PAVEMENT DESIGNS ARE BASED ON THE SUBGRADE SUPPORT CONDITIONS NOTED. EARTHWORKS MUST BE CONSTRUCTED IN ACCORDANCE WITH RMS SPECIFICATION R44.
- NOT ALL INTER LAYER TREATMENTS ARE SHOWN ON THE DRAWINGS - REFER TO THE RELEVANT RMS SPECIFICATION FOR DETAILS.
- THE APPLICATIONS OF A LOW CUTTER SEAL IS AS FOLLOWS:
 - AGGREGATE SPREAD RATE FOR 7mm AGGREGATE IS BETWEEN 200 - 230 m²/m².
 - THE CUTTER OF THE DAY BASED ON PAVEMENT TEMPERATURE TO BE USED.
 - USE 1% ADHESION AGENT.
 - DOUBLE THE AMOUNT OF ROLLING FOR A SPRAYED SEAL SPECIFIED IN R106 CLAUSE 8.
 - TO BE PLACED IN ACCORDANCE WITH SPECIFICATION R106.
- IN ACCORDANCE WITH RMS SPECIFICATION R116, ALLOWABLE ASPHALT LAYER THICKNESS DURING PAVING IS LISTED IN TABLE 1.
- CONCRETE FOR FOOTPATHS, SHARED USER PATHS AND DRIVEWAYS MUST BE IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL SPECIFICATIONS.
- ARRESTER BED AGGREGATE FILL MUST COMPLY WITH AUSTRROADS GUIDE TO ROAD DESIGN - PART 6 TABLE 7.6 'ARRESTER BED MATERIAL SPECIFICATION'.
- RESIDUAL (EXISTING) SUBBASE LAYERS ASSUMED TO CONSIST OF A MIN. 300mm OF MATERIAL WITH CBR > 15% OVER A SUBGRADE WITH MIN. CBR OF 3%. RESIDUAL (EXISTING) UNBOUND SUBBASE MUST MEET THE REQUIREMENTS OF RMS QA SPECIFICATION R44. EXISTING ASPHALT PAVEMENT LAYERS MAY REMAIN AS PART OF THE RESIDUAL PAVEMENT LAYERS WHERE AGREED WITH THE PRINCIPAL AND PROVIDED:
 - THE EXISTING WEARING COURSE IS REMOVED TO A DEPTH OF 40mm MIN.
 - A MIN. OF 2 PAVEMENT CORES INDICATE THERE IS 100mm MIN THICKNESS OF RESIDUAL ASPHALT AT THE UNDERSIDE OF PROPOSED ASPHALT LAYERS.
- CONCRETE BASE WITH REFERENCE TO THIS NOTE MUST COMPLY WITH THE JOINTING AND DETAIL REQUIREMENTS OF DRAWING PV-2035.
- ONCE THE EXISTING WEARING COURSE HAS BEEN REMOVED THE EXISTING PAVEMENT SURFACE MUST BE INSPECTED BY THE PRINCIPAL WHO MAY DIRECT REPAIRS TO BE CARRIED OUT AS A VARIATION TO THE CONTRACT. UNLESS OTHERWISE DIRECTED BY THE PRINCIPAL APPLY A TACK COAT PRIOR TO ASPHALT OVERLAY.
- HIGH FRICTION AGGREGATE (MINIMUM PAFV VALUE OF 58 MIN) IS REQUIRED FOR USE IN THE PERMANENT WEARING COURSE ON APPROACH TO SIGNALISED INTERSECTIONS. FOR MINIMUM EXTENTS REFER TO DRAWING PV-2049.
- STABILISED SAND MUST BE SUPPLIED AND PLACED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
 - MIX PROPORTION OF 8:1 SAND TO CEMENT, WITH A MOISTURE CONTENT OF APPROXIMATELY 8%.
 - MIX MUST BE SUITABLE FOR COMPACTION.
 - FRESHLY PLANT MIXED AND DELIVERED TO SITE IN A TRANSIT MIXER WITHIN 45 MINUTES AFTER BATCHING.
 - COMPACT PLANT MIXED MATERIAL USING AT LEAST 3 PASSES WITH A VIBRATING PLATE COMPACTOR. COMPACTED THICKNESS OF EACH LAYER MUST NOT EXCEED 300mm.



MONA VALE ROAD

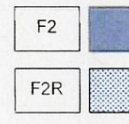
FULL DEPTH ASPHALT



(EXTENT OF HIGH FRICTION AGGREGATE WEARING COURSE REFER NOTE 12)

MONA VALE ROAD

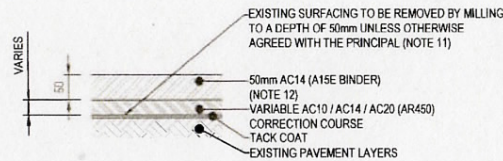
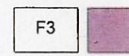
FULL DEPTH ASPHALT



(EXTENT OF HIGH FRICTION AGGREGATE WEARING COURSE REFER NOTE 12)

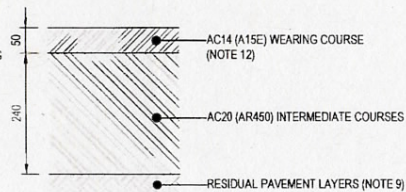
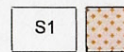
PONDEROSA PARADE

FULL DEPTH ASPHALT



MONA VALE ROAD AND LOCAL ROADS

RE-SURFACING OF EXISTING PAVEMENT

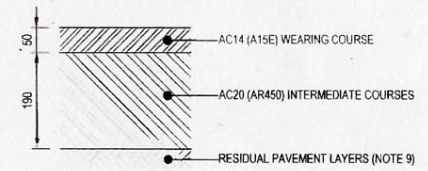


MONA VALE ROAD

FULL DEPTH ASPHALT INLAY

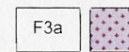


(EXTENT OF HIGH FRICTION AGGREGATE WEARING COURSE REFER NOTE 12)



PONDEROSA PARADE

FULL DEPTH ASPHALT INLAY



ASPHALT TYPE	10 mm	14 mm	20 mm
DENSE GRADED ASPHALT (AC)	30 - 50	42 - 70	60 - 100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED FROM A3 SIZE ORIGINAL

ACCEPTED FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME C:\pwworkspace\moran\mex_prodd\25697\PV-2004.dwg		DESIGN LOT CODE PV-2004.dwg	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING PV-2004.dwg	PLOT DATE / TIME 22/11/2018 11:17:58 AM	PLOT BY Scarlett McNally	CLIENT NSW GOVERNMENT	NORTHERN BEACHES COUNCIL AREA MR162 - A3 MONA VALE ROAD UPGRADE (STAGE 2) BETWEEN MANOR ROAD AND FOLEY STREET PAVEMENT PROFILES	A3
EXTERNAL REFERENCE FILES XXXXXXXX	REV A	DATE 26/11/2018	AMENDMENT / REVISION DESCRIPTION ISSUED FOR CONSTRUCTION	WVR No.	APPROVAL	SCALE ON A3 SIZE DRAWING 0 100 200 300 400 SCALE 1:10mm	DRAWINGS / DESIGN PREPARED BY aurecon www.aurecongroup.com	TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR
						TRANSPORT Roads & Maritime Services PREPARED FOR PROJECT DELIVERY GREATER SYDNEY RMS REGISTRATION No. DS2016/000911 SHEET STATUS FOR CONSTRUCTION EDMS No. SHEET No. PV-2004 ISSUE A		SHEET 01 OF 02