

INSTALLATION OF GRANITE

CONCRETE BLINDING LAYER:

PLACE 125mm THICK CONCRETE (25MPA) WITH SL72 MESH MINIMUM COVER 40mm.
PLACE CONCRETE BLINDING LAYER ON MINIMUM 50mm DEEP DGB20 TO 98% STANDARD DRY COMPACTION IN ACCORDANCE WITH AS1289.5.1.1. REFER TO DETAIL PV1.1 & PV1.2 ANY SOFT SPOTS IN SUB-GRADE TO BE REMOVED AND IDENTIFIED WITH SUPERINTENDENT.

PAVER JOINTING:

BETWEEN INDIVIDUAL PAVERS - JOIN FLUSH TOGETHER LEAVING A 2mm GAP. FORM CONTINUOUS EVEN SURFACE TO AVOID TRIP HAZARDS. THE JOINTS BETWEEN PAVERS ARE TO BE FILLED WITH ULTRA FINE SILICA SAND CEMENT MIX AS SUPPLIED BY BENEDICTS SAND AND SOIL (PH.9986 3500) OR AN APPROVED EQUIVALENT.
AT ISOLATION AND EXPANSION JOINTS - FILL 5-10mm GAP WITH FOAM BACKING ROD AND APPROVED ONE COMPONENT, THIXOTROPIC, POLYURETHANE BASED JOINT SEALANT. SEALANT COLOUR TO BE BLACK UNLESS SPECIFIED OTHERWISE. REFER TO DETAILS PV3.1.1 - PV3.6

BLINDING SLAB JOINTS:

AS PER CONCRETE JOINTS WITH ADDITION OF ISOLATION JOINTS FOAM TO FINISH 20mm BELOW FINISHED PAVER LEVEL TO ACCOMMODATE BACKING ROD AND APPROVED JOINT SEALANT. REFER DETAILS PV3.1.1 - PV3.6

SETOUT - PAVERS:

PAVERS SHALL BE SETOUT AS PER DIMENSIONS AND LOCATIONS AS SHOWN IN TYPICAL DETAILS PV4.1 - PV4.9

LAYING - PAVERS:

LAYING OF PAVERS IS TO COMMENCE FROM PROPERTY BOUNDARY TOWARDS BACK OF KERB. REFER TO DETAIL PV4.1 - PV4.9 UNLESS OTHERWISE SPECIFIED.
ENSURE ALL PAVERS ARE FULLY BEDDED ON A 30mm THICK 8:1 SAND/CEMENT SCREED. SAND USED SHALL BE WHITE WELL GRADED WASHED SAND, PASSING A 4.75mm SIEVE. PAVERS ARE TO BE MANUALLY TAMPERED WITH A RUBBER Mallet INTO THE WET MORTAR. THE USE OF VIBRATING COMPACTION EQUIPMENT EG. WAKA PLATE, IS STRICTLY PROHIBITED. WHERE PAVERS ARE TO BE LAID IN A RADIAL OR CURVE ALIGNMENT, PAVERS TO BE CUT RADIAL TO CENTRE. REFER TO DETAILS PV4.1 - PV4.9 ALL PAVERS TO BE LAID LEVEL TO THOSE ADJACENT TO AVOID TRIP HAZARDS. MINIMUM CUT PAVR WIDTH SHOULD BE NO LESS THAN 100mm UNLESS APPROVED BY SUPERINTENDENT.

KERB RAMP:

GENERALLY KERB RAMPS ARE TO BE SETOUT AS SHOWN IN DETAILS PV4.6, PV4.7 & PV4.8 WHERE ANY CHANGES ARE REQUIRED, CONFIRM WITH SUPERINTENDENT. MINIMUM CUT PAVR WIDTH IS TO BE 100mm UNLESS APPROVED BY SUPERINTENDENT.

GRADE > 1:8:

ALL PAVERS LAID ON A GRADE STEEPER THAN 1:8 (12.5%) ARE REQUIRED TO BE A 'V' RATED PAVER WITH A BUSH HAMMERED FINISH.

ROOF OUTLETS:

WHERE ROOF OUTLET CONNECTIONS ARE TO BE PROVIDED USE 150mm x 90mm GALVANISED STEEL RECTANGULAR HOLLOW SECTION. WHERE MORTAR COVER CANNOT

BE ACHIEVED PAVERS ARE TO BE GLUED TO STEEL SECTION AS REQUIRED WITH HIGH STRENGTH EPOXY ADHESIVE.

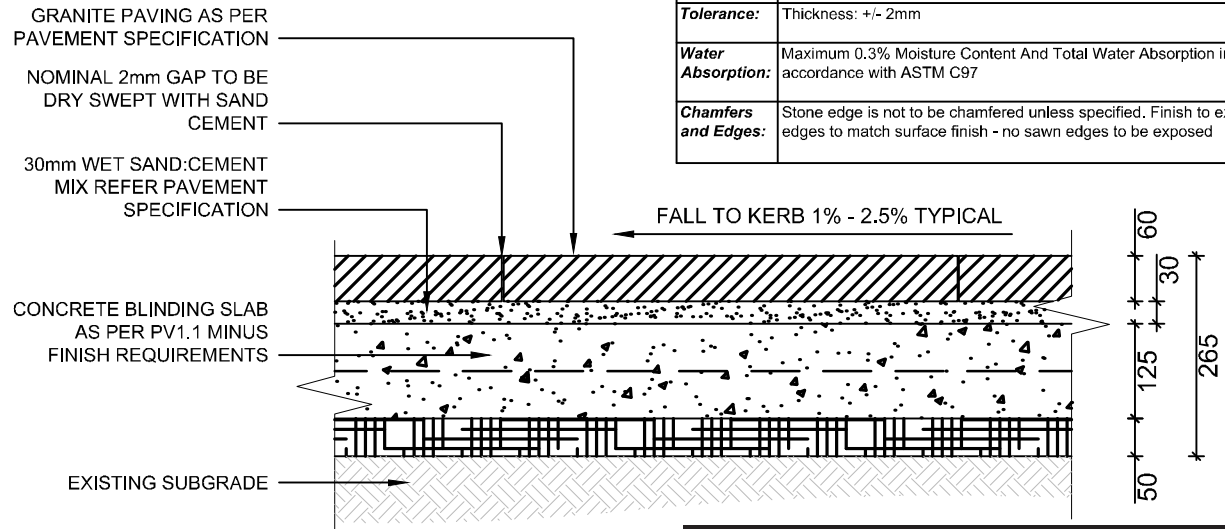
SERVICE LID TREATMENT:

REPLACE ALL EXISTING SERVICE LIDS WITH STAINLESS STEEL OR GALVANISED STEEL INFILL COVERS AND FRAMES.
NEW SERVICE LIDS ARE TO BE PRE APPROVED BY THE APPROPRIATE AUTHORITY.
ADJUST HEIGHT OF PIT FRAME/LID AS REQUIRED TO SUIT FINISH LEVEL OF NEW WORK.
PROVIDE 10mm WIDE SEALANT (COLOUR: BLACK) AROUND PERIMETER OF SERVICE PIT LID/FRAME.

CLEANING OF PAVERS:

ALL PAVERS LAID DURING THE COURSE OF ONE WORKING DAY MUST HAVE JOINTING SAND BROOMED IN AND BE CLEANED AT THE END OF THAT DAY BEFORE PROCEEDING WITH LAYING OF SUBSEQUENT PAVERS. THIS IS TO PREVENT RESIDUE BUILD UP ON PAVERS WHICH MAY BECOME DIFFICULT TO CLEAN IF LEFT OVERNIGHT OR FOR PROLONGED PERIODS.

GRANITE PAVER SPECIFICATION	
Type:	General Paver - Select flame exfoliated granite Grade >1:8 Paver - Select bush hammered granite
Description:	Natural stone which is of uniform quality, sound, free from defects (such as vents, cracks, fissures, seams, porous inclusions, foreign material, loose surface material striations, stains, and discolouration) liable to affect its strength, appearance, durability, or proper functioning under the intended conditions of use.
Matching:	Select stone for the optimum matching of visual properties such as colour and pattern.
Finish:	General Paver, W rated - Sawn edges with exfoliated surface to provide a finish in accordance with AS/NZS 4586:2004. Grade >1:8 Paver, V rated - Sawn edges with bush hammered surface to provide a finish in accordance with AS/NZS 4586:2004.
Colour:	Raven Black or colour code G684 Header paving and banding as per landscape drawings. For Top Ryde CBD, Rosa (matching existing material laid in Blaxland Rd, Ryde)
Size:	Footpaths 600 x 300 x 60 mm (Infill pavers); 300 x 300 x 60 mm (Header pavers) Driveways 600 x 300 x 60 mm (Infill pavers); 300 x 300 x 60 mm (Header pavers) Commercial Driveways: Transition pavers 600 x 150 x 60 mm; Infill pavers: 300 x 150 x 60 mm Special pavers: 150 x 150 x 60 mm
Breaking Load:	Minimum 5Kn Plan area +/-1mm
Tolerance:	Thickness: +/- 2mm
Water Absorption:	Maximum 0.3% Moisture Content And Total Water Absorption in accordance with ASTM C97
Chamfers and Edges:	Stone edge is not to be chamfered unless specified. Finish to exposed edges to match surface finish - no sawn edges to be exposed



PV 1.2 PAVEMENT TYPE GRANITE - TYPICAL
SCALE 1:10 AT A4

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STANDARD DRAWING
PAVEMENT TYPE GRANITE

APPROVED VP DESIGN MANAGER	DATE 15/12/17..
DRAWING NUMBER PV1.2	REVISION F