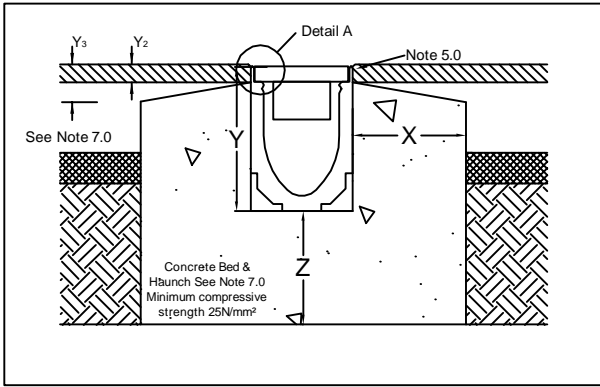
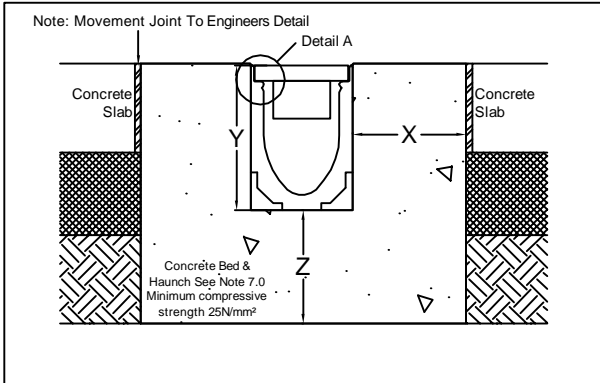


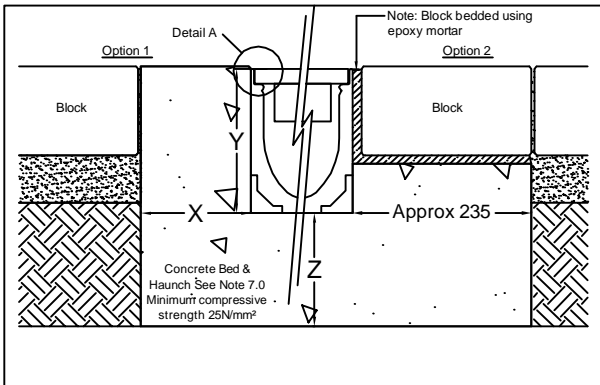
ASPHALT PAVEMENT



CONCRETE PAVEMENT OR BLOCK PAVING



BLOCK PAVEMENT (OPTIONS 1 & 2)



1.0 GENERAL INSTALLATION NOTES: See drawing E1-E01-003-3 for general notes on installation. For installation of LightPoint on ACO MultiDrain M100PPD or M200PPD see drawing E1-E01-045-3.

2.0 GROUND CONDITIONS: The customer should ensure that the minimum dimensions shown are suitable for the existing ground conditions. Engineering advice may be necessary.

3.0 BLOCK PAVEMENTS: THE CHANNEL MUST BE SUPPORTED LATERALLY and therefore blocks must be restrained from movement by bedding securely. e.g. by using an Epoxy or Polymer Modified Mortar for bed and perpendicular joints. (for example RONAFIX Mortar Mix C or similar: From Ronacrete Tel 01279 638700). Engineering advice may be required.

4.0 SURFACE CRACKS: Alternate crack control and movement joints transversely within bed and haunch may reduce unsightly surface cracking. Engineering advice may be required.

5.0 JOINT SEALANT: Where ACO Drain channels are to be installed with watertight joints, e.g. where used in foul water or chemical applications, use a suitable proprietary sealant such as Sikaflex 11FC or Degussa Masterflex 472 (or consult a specialist sealant manufacturer on sealant type and application). The sealant may be applied to the groove after channel installation. Guidance on the surface preparation and priming of the units shall be sought from the sealant manufacturer.

6.0 SURFACE PROTECTION: In asphalt pavements avoid contact between compaction equipment and channel/grating. This may be achieved by ensuring that the finished surface level lies above the grating level (by at least 3mm). Stones should be removed from grating prior to laying/rolling wearing course.

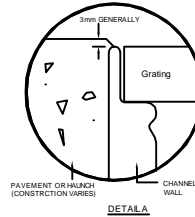
7.0 Minimum Dimensions of Concrete Surround


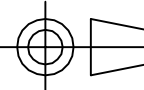
	A15	B125	C250	D400*	
Minimum Dimensions (mm)	X	100	150	150	200
	Y	Full channel height (less Y ₂ where necessary)			
	Z	100	150	150	200
Maximum Dimensions (mm)	Y ₂ +	35	35	35	35
	Y ₃	100	60	60	60

* e.g. parking areas for all types of road vehicle.
Not suitable for carriageway of roads or industrial areas.
+ Note dashed line printed on edge rails 35mm below top.

8.0 GRATING SECURITY LOCKS: Grating is held in the channel units by the Drainlock fixing.

9.0 ELECTRICAL WORK: to be carried out by a suitably qualified person in accordance with separate installation recommendations.



A	25.08.09	Detail issued			ZG	
Issue	Date	Description			Name	
Material:	n/a	Weight:	n/a		 <p>ACO Business Park Hitchin Road, Shefford, Bedfordshire, SG17 5TE. Tel: 01462 816666 Web site: www.aco.co.uk</p>	
Tolerance:	n/a	Surface Finish:	n/a			
	Date	Name	Scale:	Unit:	Information contained in this drawing is copyright property of ACO Drain. Any reproduction in part or whole without written permission c ACO Drain is prohibited	
Drawn:	25.08.09	ZG	1:10	mm		
Checked:	25.08.09	JC		Project No.		
Updated:	#	#		n/a		
Title	ACO LIGHTPOINT INSTALLATION FOR LOAD CLASS A15 TO D400 (INSTALLATION ON ACO MULTIDRAIN M100D OR M200D)			Drawing No.	Issue	
Part No.				E1	E01-062-3	
				Replacement for:	n/a	
				Replaced by:	n/a	