

4,000 PSI CONCRETE LAYED TO
REPLICATE SIDEWALK (3" THICK
ONLY) - CONCRETE BEAM
OMITTED FOR CLARITY

GRADED MATERIAL TO
DOS SPECIFICATION

- 4,000 PSI CONCRETE BEAM TO REPLICATE
SIDEWALK (3" THICK ONLY)

4,000 PSI CONCRETE BEAM TO REPLICATE
SIDEWALK ABUTTING BUILDING OR
SIDEWALK CURB

BOLLARDS SET IN 8" (200MM)
DEEP EXCAVATION WITH 2"
(50MM) OF SIDEWALK COVER -
4,000 PSI CONCRETE TO BE
VIBRATED IN TO VOIDS

- GRADED MATERIAL TO DOS SPECIFICATION

~~GRADED MATERIAL TO
DOS SPECIFICATION~~

- 4,000 PSI CONCRETE BEAM TO REPLICATE SIDEWALK (3" THICK ONLY)

- FOUNDATION CONCRETE AGAINST SIDEWALK
CONCRETE TO ENSURE THAT BOLLARD
FOUNDATION ACTS INDEPENDENTLY OF
SIDEWALK - THIS TO ENSURE THAT TEST
INSTALLATION REPLICATES WORST CASE


- COLD JOINT, PLACE BOLLARD FOUNDATION CONCRETE AGAINST SIDEWALK CONCRETE TO ENSURE THAT BOLLARD FOUNDATION ACTS INDEPENDENTLY OF SIDEWALK - THIS TO ENSURE THAT TEST INSTALLATION REPLICATES WORST CASE

- 4,000 PSI CONCRETE BEAM TO REPLICATE SIDEWALK (3" THICK ONLY)

- 4,000 PSI CONCRETE BEAM TO REPLICATE SIDEWALK ABUTTING BUILDING OR SIDEWALK CURB

BOLLARDS SET IN 8" (200MM)
DEEP EXCAVATION WITH 2"
(50MM) OF SIDEWALK COVER -
4,000 PSI CONCRETE TO BE
VIBRATED IN TO VOIDS

- GRADED MATERIAL TO
DOS SPECIFICATION

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.xx xx xxxx xxxx	Decimal Decimal Decimal Decimal	± .040 ± .030 ± .020 ± .010	DO NOT SCALE OFF DRAWING Angular ± 0.5°				
REVISION HISTORY				TITLE: K4 SHALLOW MOUNT BOLLARD			
REV	ECN	AUTHOR	DATE	DESCRIPTION	DATE: 03/29/13		SHEET: 1 of 1
					DRN BY: JAS		REV: A
					DRAWING NO: K4 SHALLOW MOUNT BOLLARD		