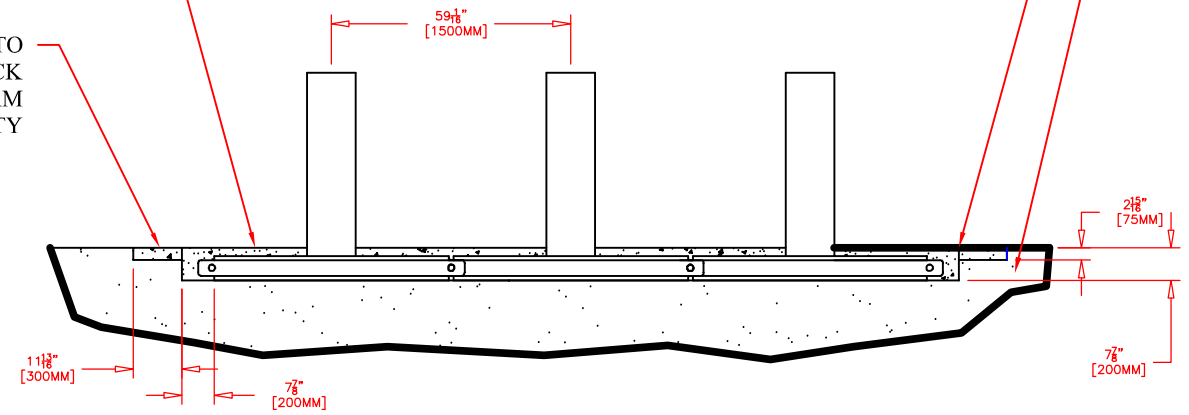
BOLLARDS SET IN 8" (200MM) DEEP EXCAVATION WITH 2" (50MM) OF SIDEWALK COVER - 4,000 PSI CONCRETE TO BE VIBRATED IN TO VOIDS

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

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

GRADED MATERIAL TO DOS SPECIFICATION



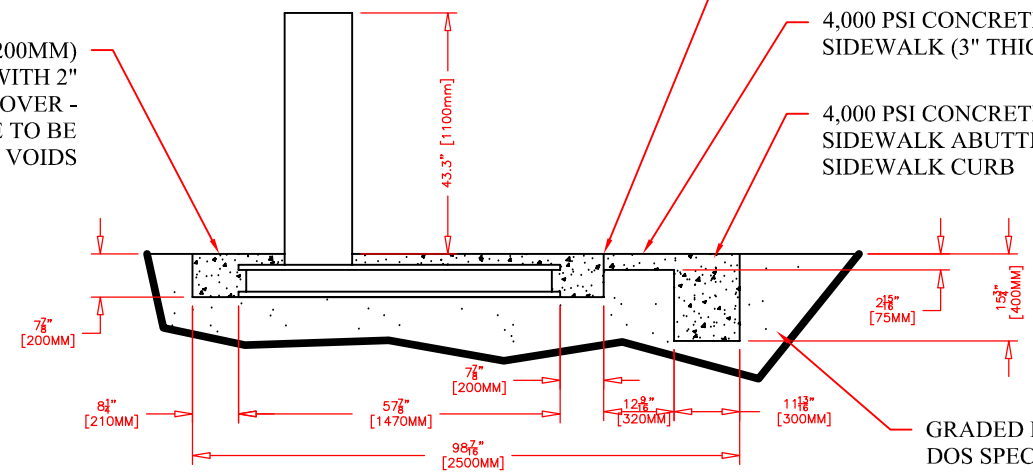
SECTION A-A

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

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

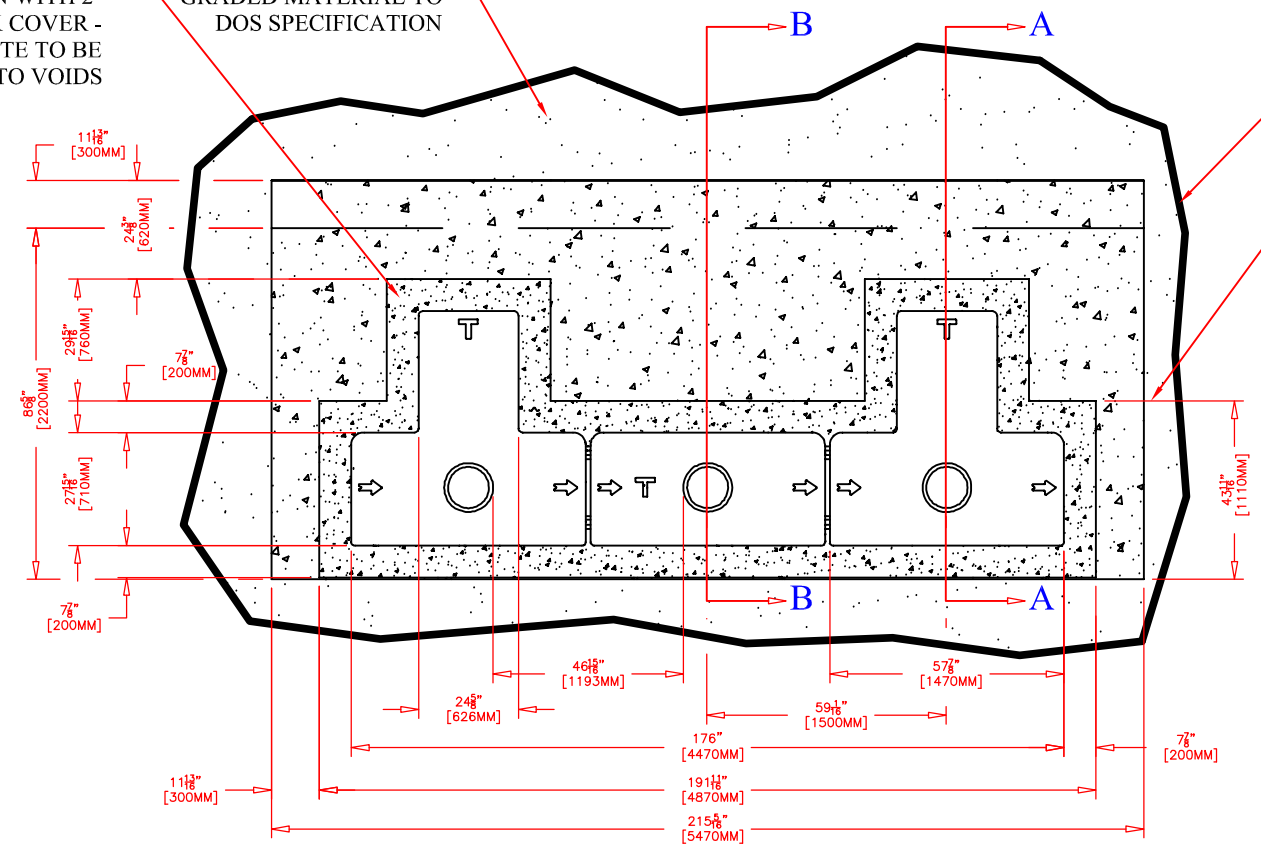
4,000 PSI CONCRETE BEAM TO REPLICATE SIDEWALK (3" THICK ONLY)

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



GRADED MATERIAL TO DOS SPECIFICATION

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



DIRECTION OF IMPACT

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

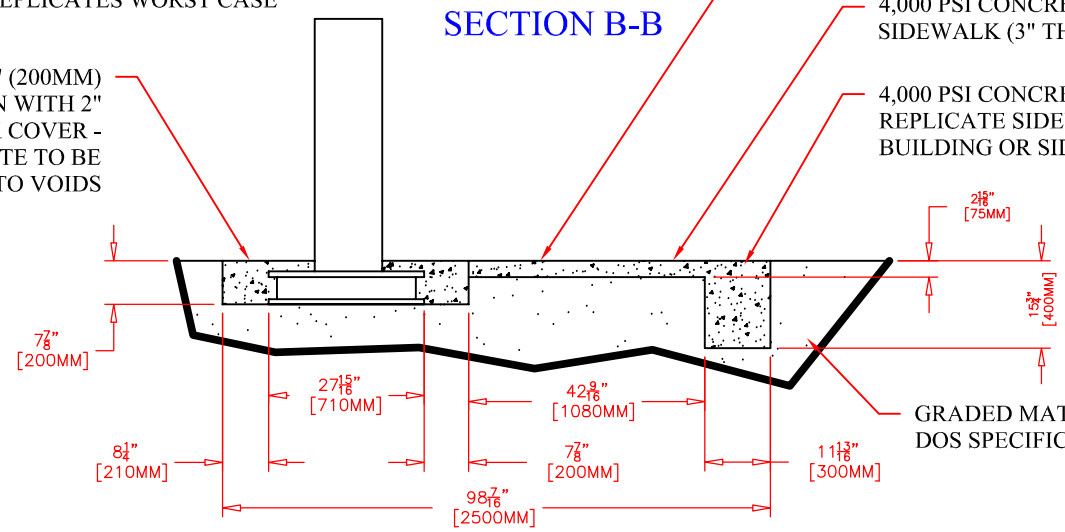
SECTION B-B

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

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



GRADED MATERIAL TO DOS SPECIFICATION

Unless Noted Otherwise

.x	Decimal	± .040	DO NOT SCALE
.xx	Decimal	± .030	OFF DRAWING
.xxx	Decimal	± .020	
.xxxx	Decimal	± .010	Angular ± 0.5°

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REVISION HISTORY

REV	ECN	AUTHOR	DATE	DESCRIPTION

AMERISTAR®
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www.ameristarfence.com

TITLE:	K4 SHALLOW MOUNT BOLLARD
DATE: 03/29/13	SHEET: 1 of 1
DRN BY: JAS	REV: A
DRAWING NO:	K4 SHALLOW MOUNT BOLLARD