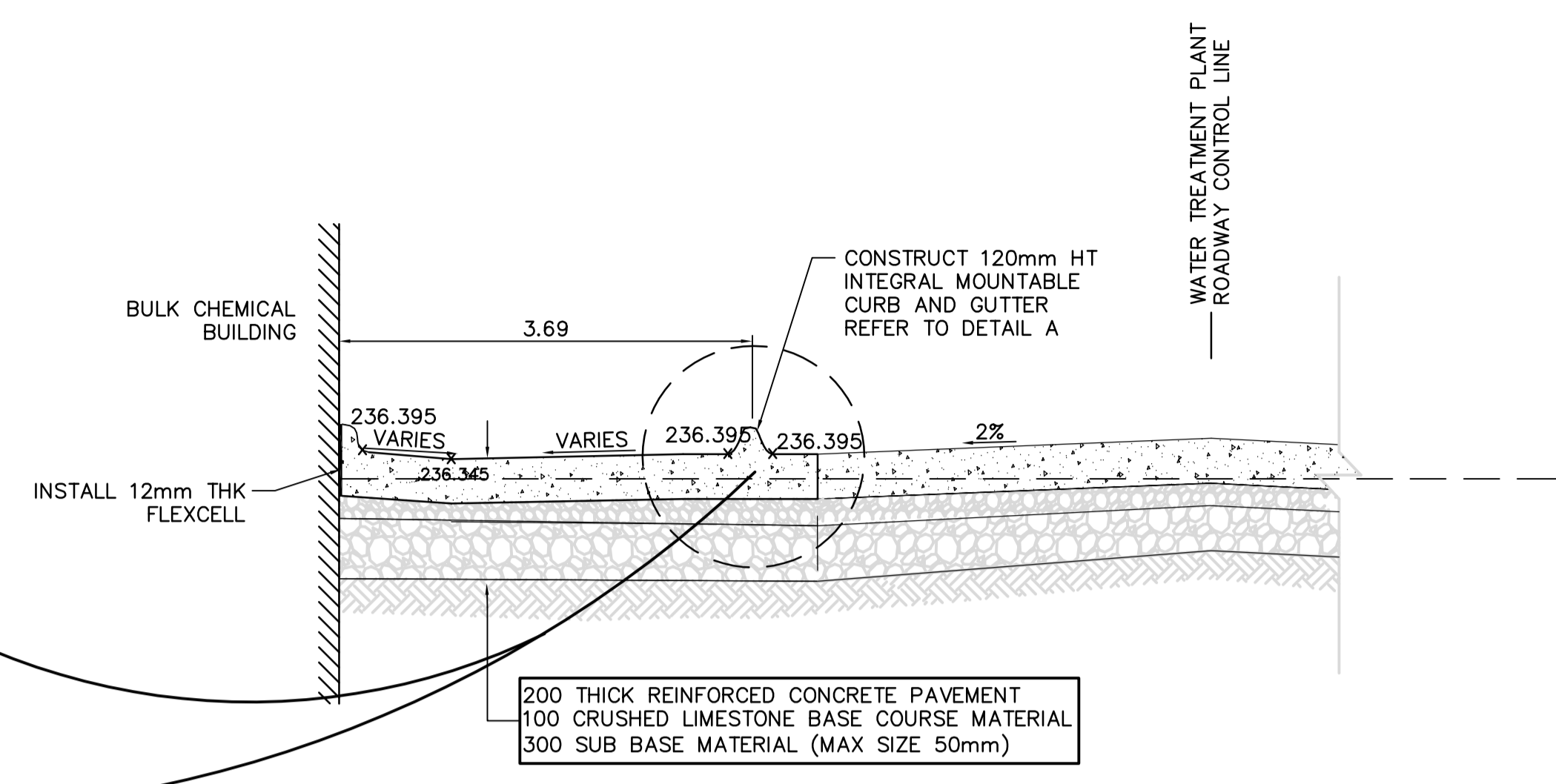
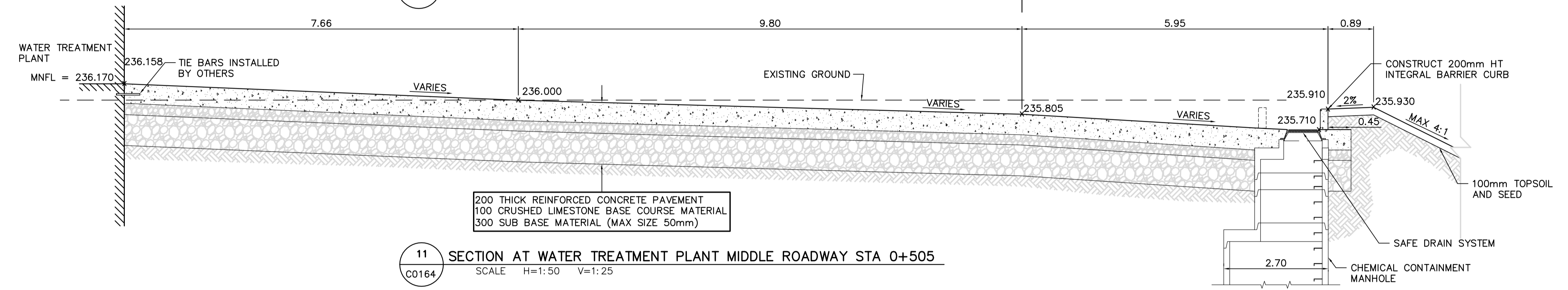


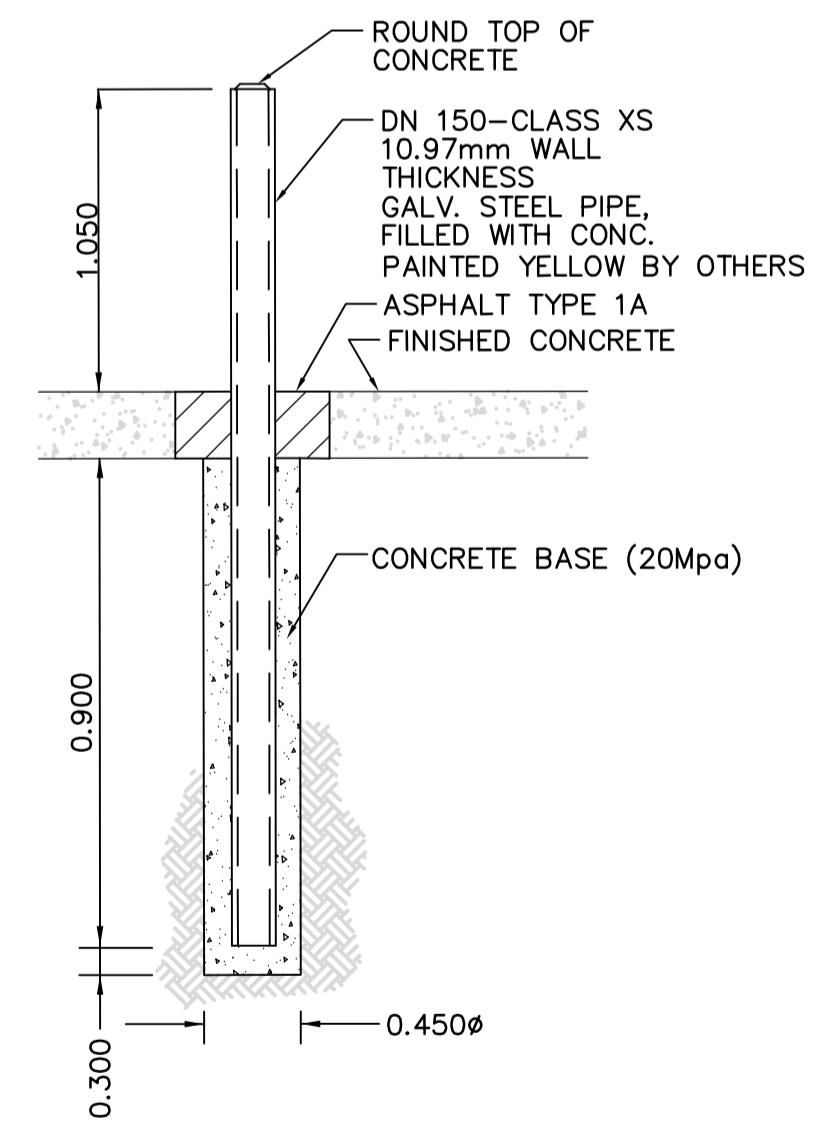
A DETAIL A
C0263 SCALE NTS



10 SECTION AT WATER TREATMENT PLANT ROADWAY STA 0+440
C0164 SCALE H=1:50 V=1:25



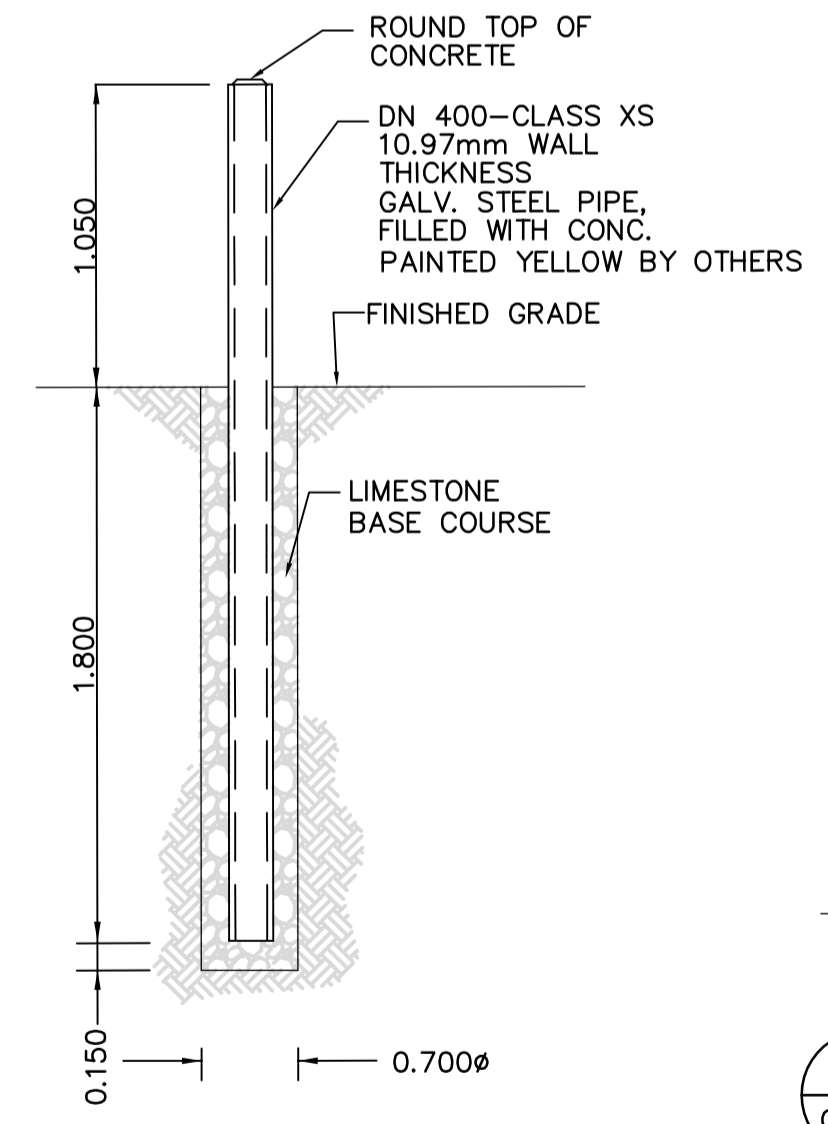
11 SECTION AT WATER TREATMENT PLANT MIDDLE ROADWAY STA 0+505
C0164 SCALE H=1:50 V=1:25



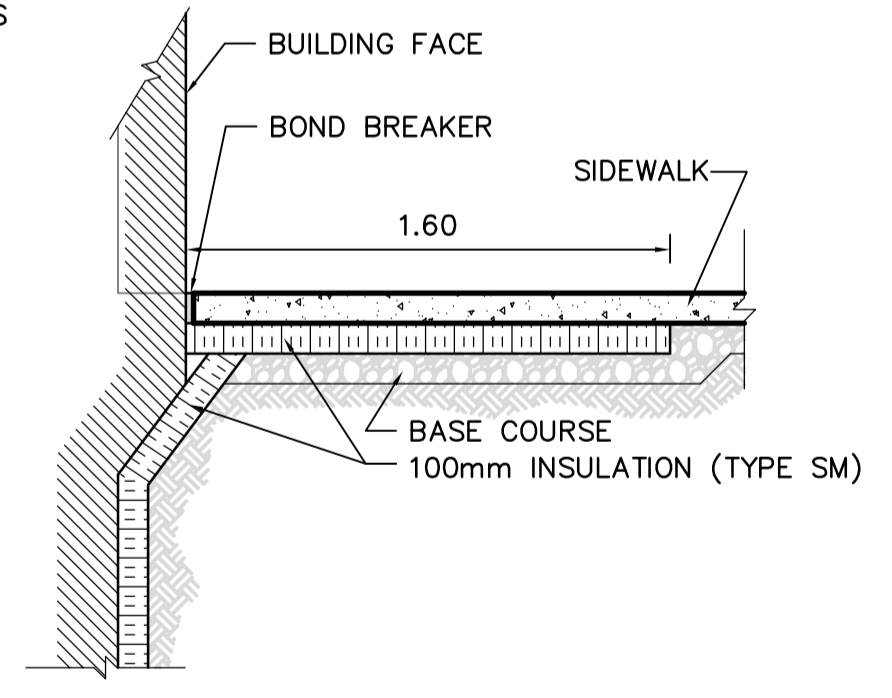
12 STEEL BOLLARD IN PAVEMENT DETAIL
C0263 SCALE NTS

EXACT LOCATIONS OF BOLLARDS TO BE DETERMINED BY CONTRACT ADMINISTRATOR. REFER TO DRAWINGS

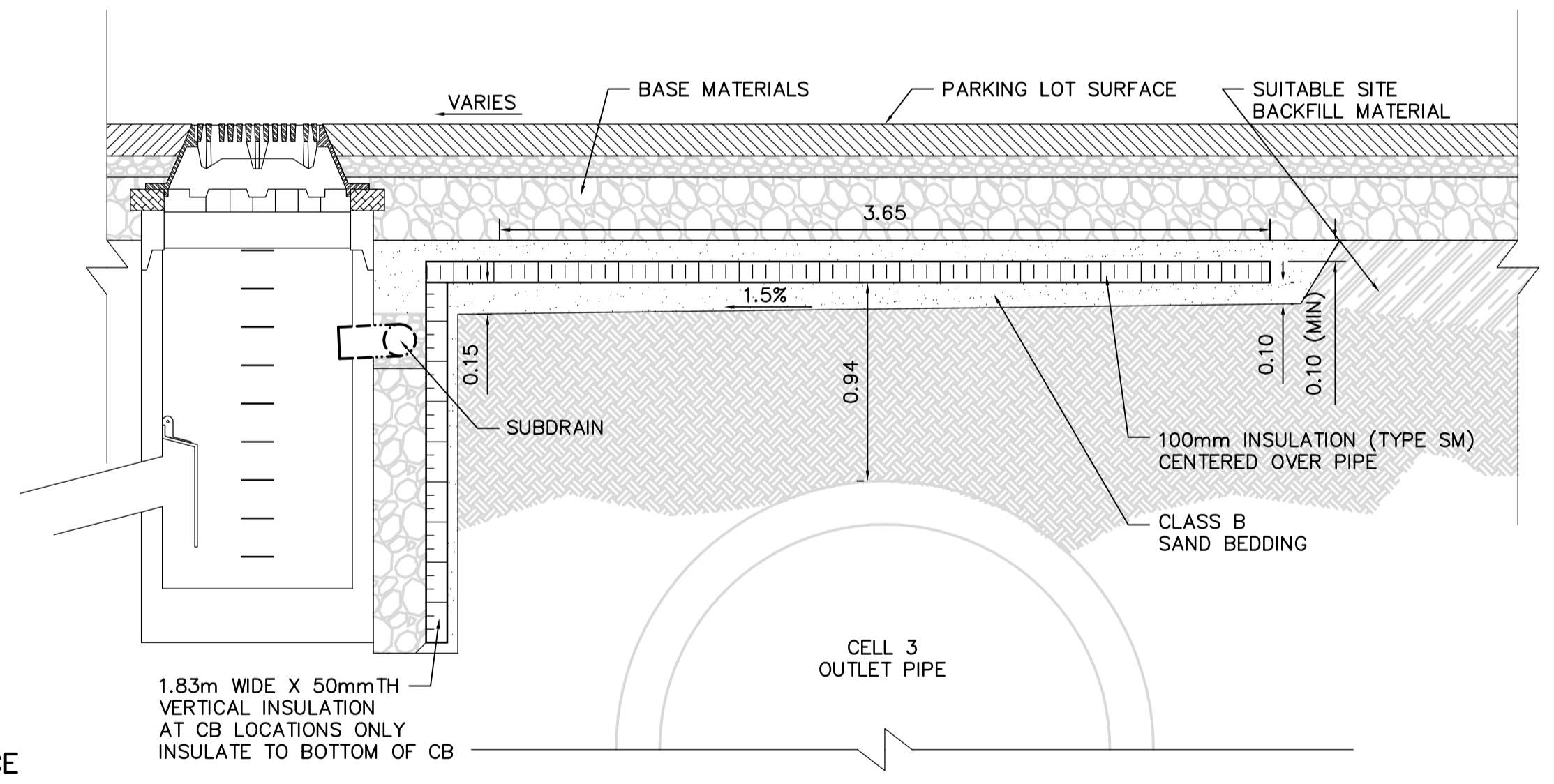
BOLLARD TYPES
TYPE 1 = 400#mm
TYPE 2 = 150#mm



13 STEEL BOLLARD IN GRADE DETAIL
C0263 SCALE NTS



14 SIDEWALK INSULATION DETAIL AT SOUTH WATER TREATMENT BUILDING FACE
C0263 SCALE 1:25



15 CELL 3 OUTLET PIPE INSULATION DETAIL AT CB LOCATION
C0263 SCALE 1:25

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	---	---	---	---	---	---
⊕	HYDRANT	⊕	M.T.S.	---	---	---	---	---	---
⊕	VALVE	⊕	CONCRETE	---	---	---	---	---	---
⊕	LAND DRAINAGE SEWER	⊕	ASPHALT	---	---	---	---	---	---
⊕	WASTEWATER SEWER	⊕	PROPERTY LINE	---	---	---	---	---	---
○	MANHOLE	○	SURVEY BAR	---	---	---	---	---	---
□	CATCH BASIN	□	ELEVATION	---	---	---	---	---	---
▽	CURB INLET	▽	TREE	---	---	---	---	---	---
+	JUNCTIONS	+	ANODE	---	---	---	---	---	---
+	CULVERT	+	CONCRETE SIDEWALK	---	---	---	---	---	---
+	GAS	+	FENCE	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PLAN	---	---	---	---	---	---
---	LEGEND - PLAN	---	PROPOSED	---	---	---	---	---	---
---	PROPOSED	---	EXISTING	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PLAN	---	---	---	---	---	---
---	LEGEND - PLAN	---	PROPOSED	---	---	---	---	---	---
---	PROPOSED	---	EXISTING	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PLAN	---	---	---	---	---	---

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730

CH2MHILL
Frederickson Cooper
ARCHITECTS

EarthTech
A Tyco International Ltd. Company

DESIGNED BY: BC
CHECKED BY: JC
DRAWN BY: DDW
APPROVED BY: AHL
SCALE: AS NOTED
RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE: 07/11/09

00 ISSUED FOR TENDER 07/11/09 BC
NO. REVISIONS DATE BY

ENGINEER'S SEAL

ORIGINAL SIGNED BY: J.N. CRANG
DATE: 07/11/09

CONSULTANT DRAWING NO. WY-C0263

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
CONSTRUCTION OF ROADS
AND LANDSCAPING

CIVIL
ROADWAY SECTIONS
AND DETAILS

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601Y-A-C0263-001-000