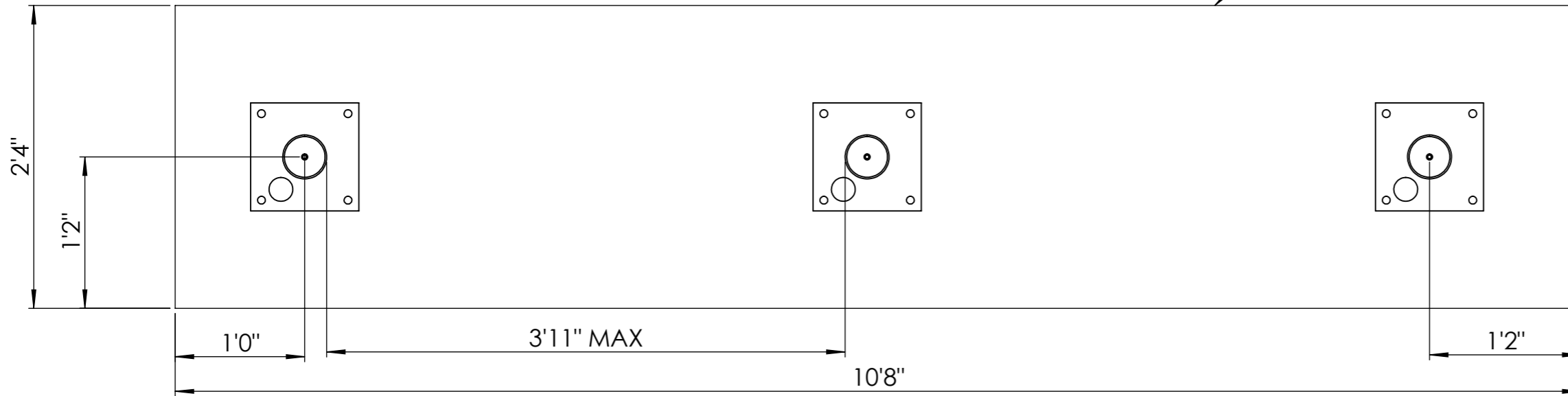


**FOUNDATION DETAIL
3 BOLLARD ARRAY**

REINFORCED CONCRETE
FOUNDATION
(REBAR NOT SHOWN)



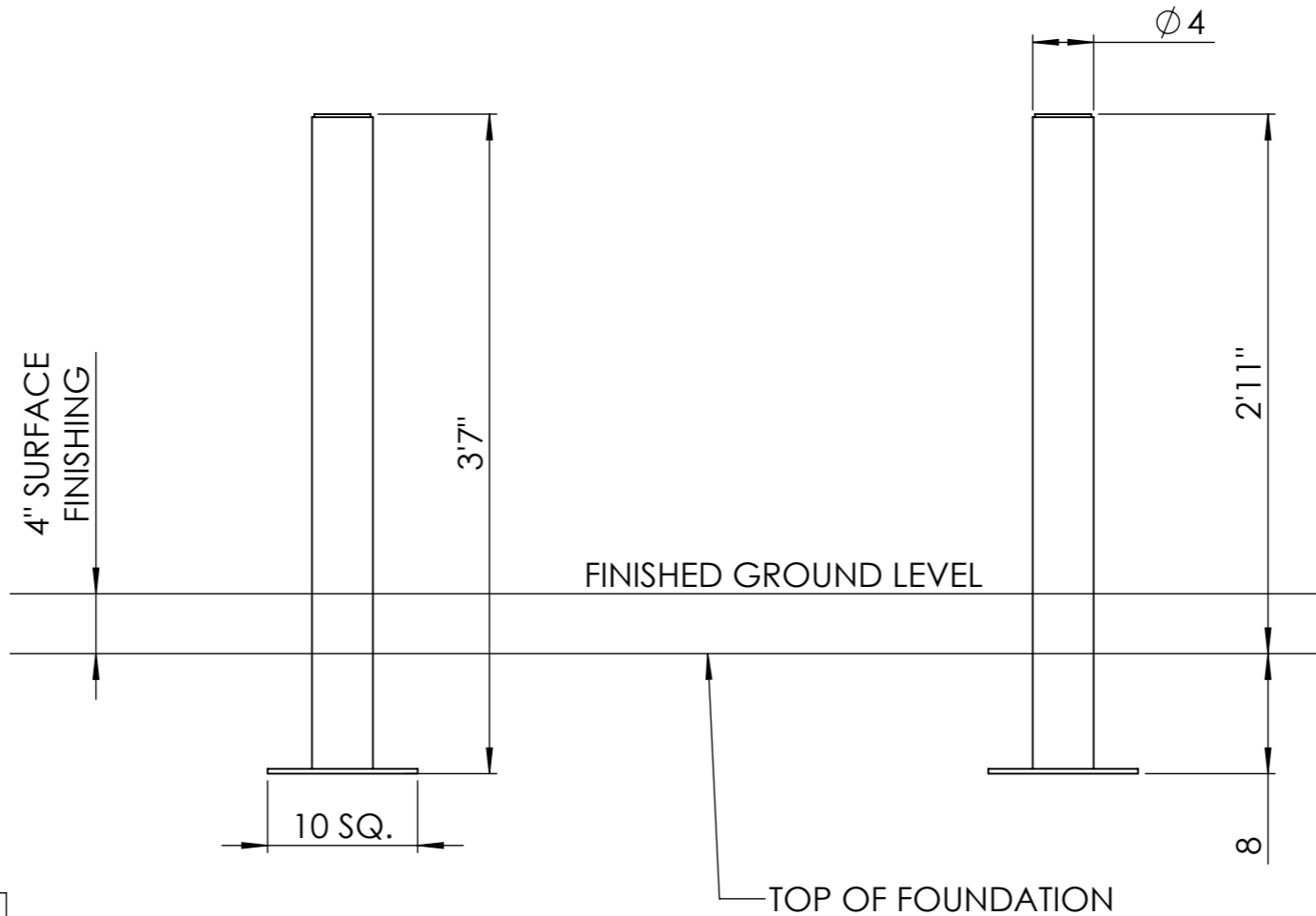
NOTES:

- 1) FOUNDATION DETAIL FOR INDICATIVE PURPOSES ONLY. PRODUCT TO BE INSTALLED IN ACCORDANCE WITH MARSHALLS SPECIFICATION.
- 2) FOR HVM COMPLIANCE BOLLARD TO BOLLARD CLEAR GAP MUST NOT EXCEED 47.25 "
- 3) STOP AND START RUN EVERY 49 FEET TO ALLOW FOR EXAPANSION.
- 4) MINIMUM 3 BOLLARD ARRAY REQUIRED.
- 5) PRODUCT MANUFACTURED FROM S355 MILD STEEL.

FINISH OPTIONS:

- ZINC PRIMED AND POWDER COATED
- MILD STEEL GALVANISED AND POWDER COATED SLEEVE
- STAINLESS STEEL SLEEVE (BRUSHED OR BEAD BLASTED)
- FERROCAST (VARIOUS OPTIONS AVAILABLE)

AVAILABLE WITH FLAT/MITRED AND DOMED TOPS
WITH OR WITHOUT GROOVES
WITH OR WITHOUT CLASS 2 REFLECTIVE TAPE



BOLLARD RATING:

PAS170-1: 2017
Rigid Foundation Socket
2500kg/10mph;1.0m Penetration

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Marshalls

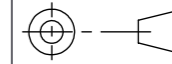
PREMIER WAY
LOWFIELDS BUSINESS PARK
ELLAND
HALIFAX
WEST YORKS
HX5 9HT

TEL: 0870 990 7504

EMAIL:info@marshalls.co.uk

NOTES:

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE STATED.
 2. DO NOT SCALE DRAWING.
 3. ALL CONCRETE TO BE IN ACCORDANCE WITH BS 8500
 4. MIXES TO BE REINFORCED CONCRETE - C30/C40
 5. ALL MATERIAL & WORKMANSHIP TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF BS-EN 1992 EUROCODE 2
- Foundation sizes given are for customer guidance and suited to sub-soils with good load bearing capabilities. Where adverse site conditions are met professional advice to be sought.



TOLERANCES: LINEAR 0 : +/-1
0.0 : +/-0.1
0.00 : +/-0.01
ANGULAR +/-0.5°

THIRD ANGLE PROJECTION

Rev	Init	Revision Notes	ER No.	Date
A	MB	FIRST ISSUE	20-0712	06/11/20
B	-	-	-	--/--/----
C	-	-	-	--/--/----
D	-	-	-	--/--/----
E				

PRODUCT TYPE:

PAS170 BOLLARDS

IMPACT RATING:

25-10

SLEEVE DETAIL:

VARIOUS SEE NOTES

PRODUCT RANGE:

RHINO GUARD

BRACKET WEIGHT:

N/A lbs

BOLLARD WEIGHT:

115.63 lbs

SHEET TITLE:

RhinoGuard PAS170 25/10 Ø101 Bollard

DRAWING NUMBER:

CD-RG-BL-00605

DRAWN BY MB	REVISION [A]
DATE 06/11/20	
SCALE 1:12@A3	SHEET 1 of 1