

**TYPICAL STRAIGHT-RUN
FOUNDATION DETAIL
SCALE (1:35)**

PROTECTED SIDE

Product Classification:
B-Foundation/Passive/Bollard
Performance Rating:
PAS68:2007 Bollard
V/2500/64/90:0.0/0.0

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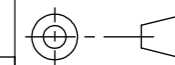
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ELLAND
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WEST YORKS
HX5 9HT

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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:

STATIC BOLLARDS

IMPACT RATING:

25-40

SLEEVE DETAIL:

VARIOUS SEE NOTES

PRODUCT RANGE:

RHINO GUARD

BRACKET WEIGHT:

N/A lbs

BOLLARD WEIGHT:

350 lbs

SHEET TITLE:

RhinoGuard 25/40 Core Ø168 PC

DRAWING NUMBER:

CD-RG-BL-00075

DRAWN BY
MB

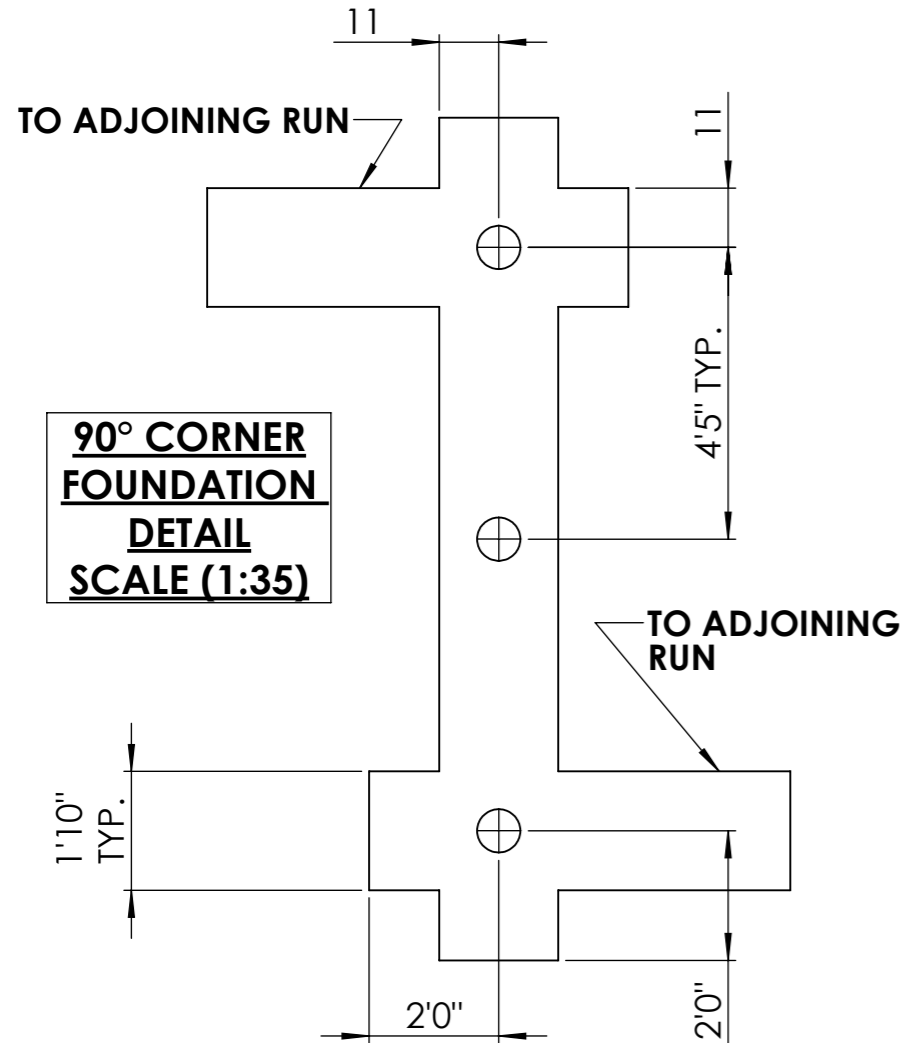
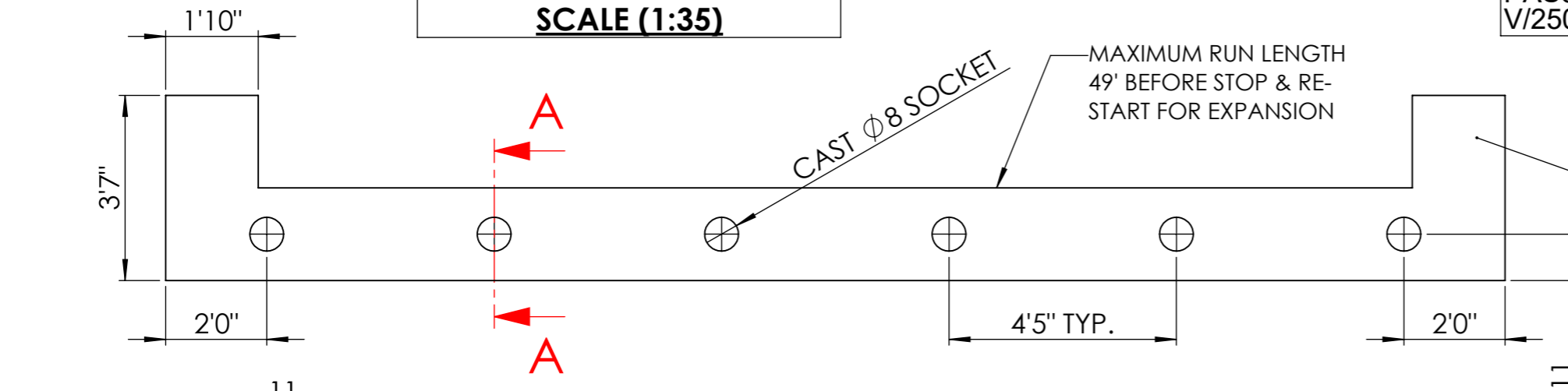
DATE
06/11/20

SCALE
1:12@A3

REVISION

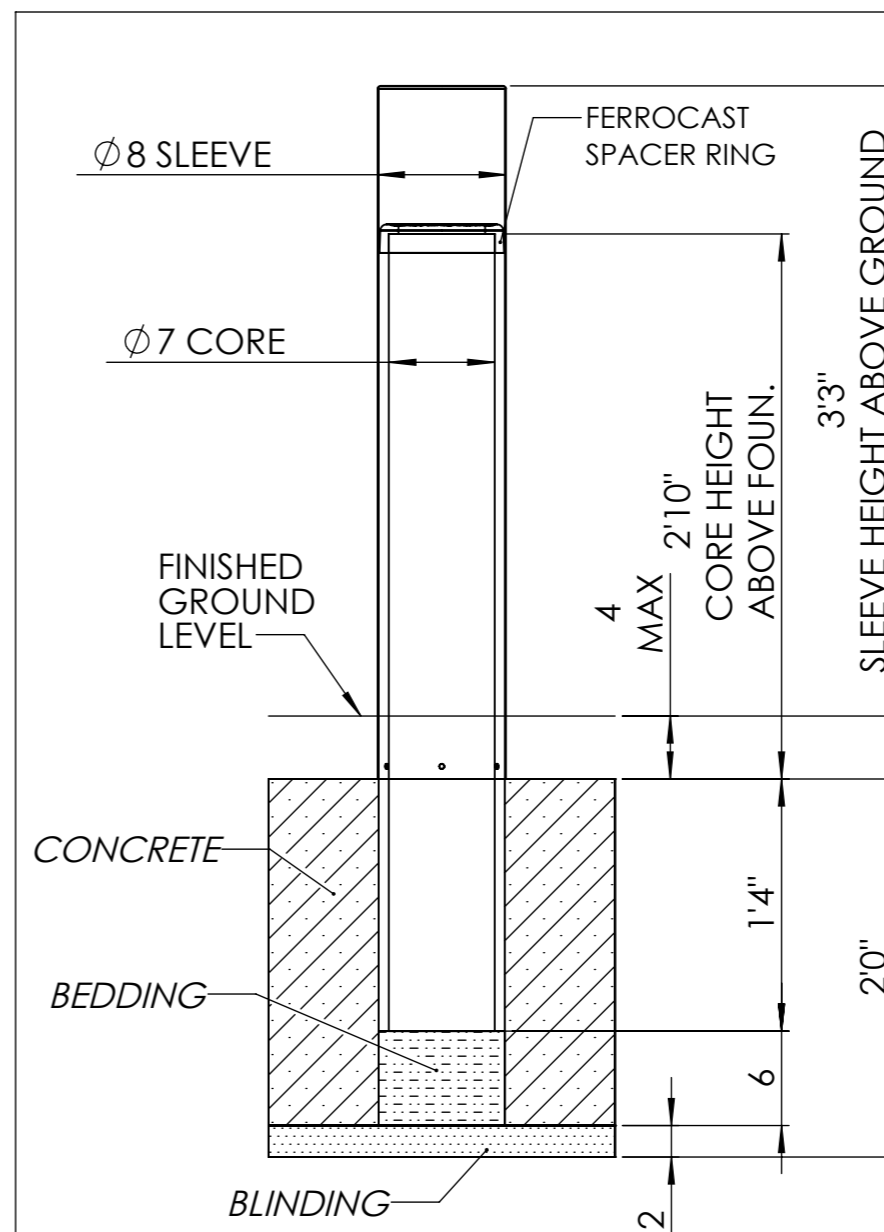
[A]

SHEET 1 of 1



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 EXPANSION.
- 4) MINIMUM 1 BOLLARD REQUIRED CENTRALLY IN A 2-BOLLARD FOUNDATION.
- 5) 45° AND CURVED OPTIONS AVAILABLE.
- 6) PRODUCT MANUFACTURED FROM S355 MILD STEEL.



SECTION - A - SCALE (1:12)

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