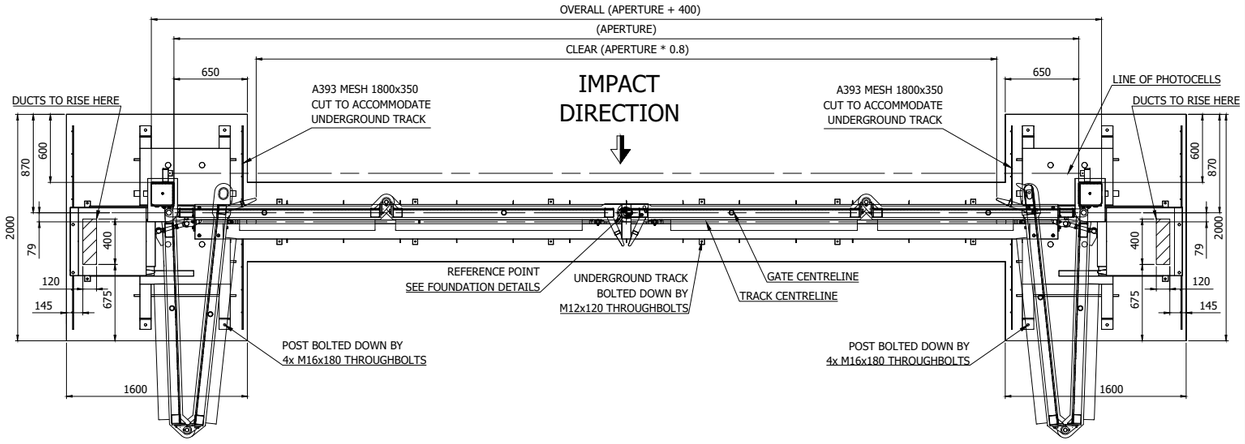
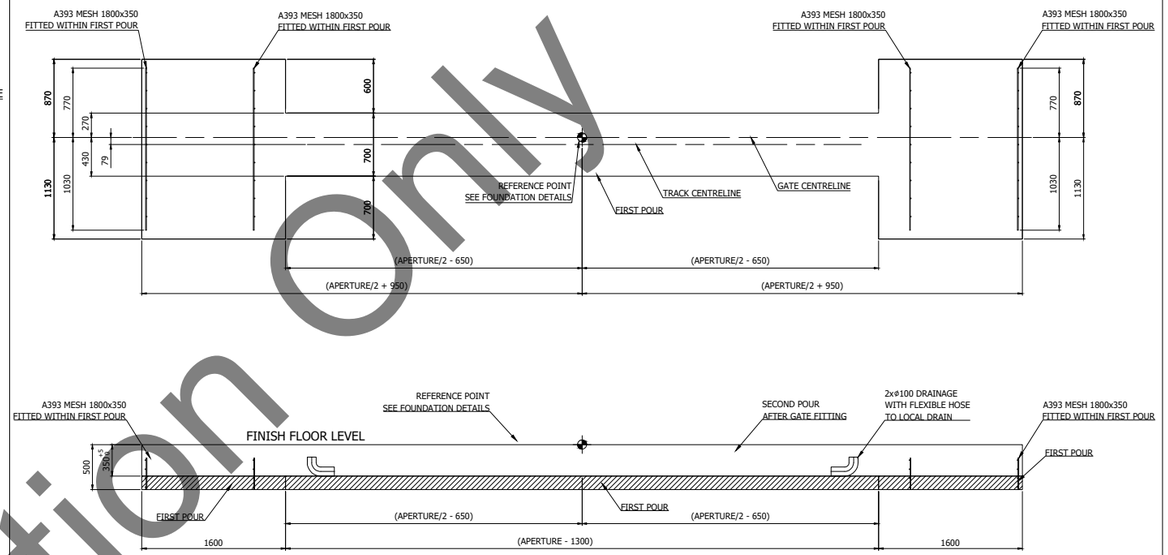
ISS	DRWN	CHANGE	CHKD	APPD	DATE	CN#
1	WD	ORIGINAL	SJ	GL	19/01/2022	

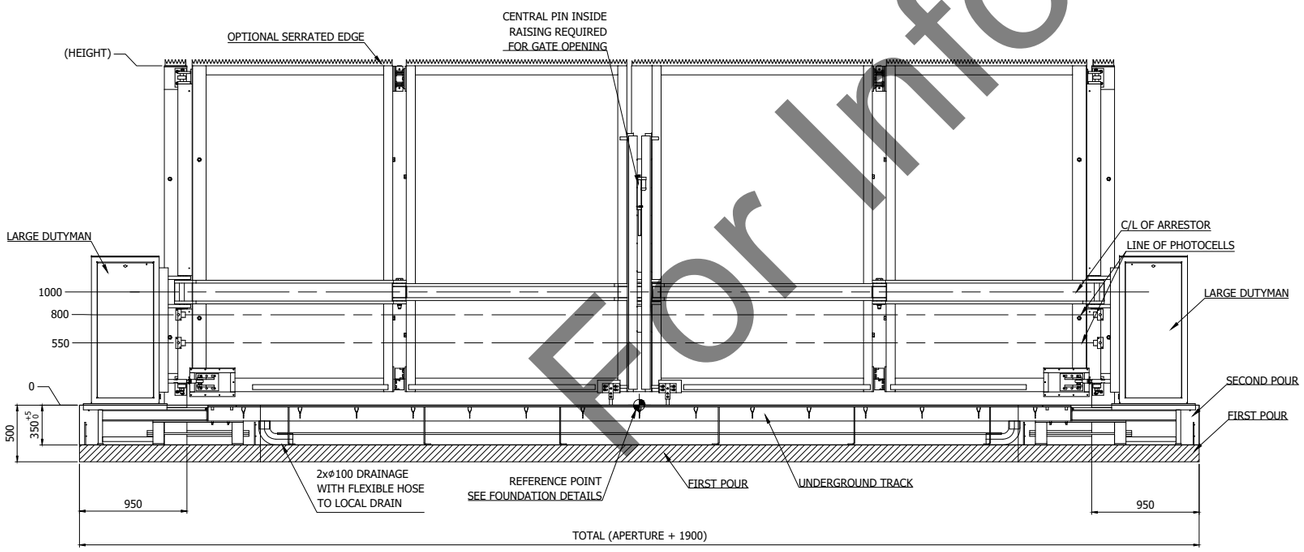
IF IN DOUBT ASK





FOUNDATION DETAILS

IMPACT TEST TO MATCH IWA 14
SPEC: N2A, 7200kg, 48kph



VIEW FROM SECURE SIDE

For Information Only

FOUNDATION REQUIREMENTS

1. ROADWAY MUST BE LEVEL TO ±10mm FROM DATUM POINT - IF LEVEL CHANGES CONSULT DESIGN OFFICE.
2. DIMENSIONS STATED ARE MINIMUM REQUIRED ON FIRM SUBSTRATE
3. FIRST POUR SURFACES TO BE LEVEL WITHIN ±5mm WITH FLOAT/TROWEL FINISH - IF NOT, CONSULT DESIGN OFFICE
4. CONCRETE TO BE A DESIGNED MIX IN ACCORDANCE WITH BS EN 206:2013 AND BS EN 8500-1:2015
   CEMENT ACCORDING TO BS EN 197-1:2011
   AGGREGATE ACCORDING TO BS EN 12620:2013
   MAX SIZE OF AGGREGATE - 20mm
   CONCRETE GRADE - C30
   WATER-CEMENT RATIO - 0.60 MIN.
   CEMENT CONTENT 280KG/M³
5. ALLOW CONCRETE POUR TO CURE FOR 7 DAYS MINIMUM
6. IF GROUND IS SOFT OR OF POOR QUALITY THEN PROPER ADVICE SHOULD BE SOUGHT
7. SECOND POUR TO REQUIRED FINISH LEVEL WHEN GATE(S) AND POSTS HAVE BEEN ALIGNED, LEVELLED & SECURED TO FIRST POUR CONCRETE
   GATE(S) SECURED TO FIRST POUR CONCRETE WITH PARABOLTS INSERTED INTO HOLES DRILLED THROUGH FROM BASEPLATES
8. CABLE DUCTS MUST NOT CROSS FOUNDATIONS LESS THAN 300mm BELOW SURFACE

Manual & Underground Actuator also available
Please contact Technical Sales

ALL ANGLES ARE PERPINDICULAR UOS
CONSULT DESIGN OFFICE IF ROADWAY IS NOT LEVEL TO ±10mm

DIMENSIONS IN MILLIMETERS

SCALE	TOLERANCES
NTS	ISO 2768-m,k

THIRD ANGLE PROJECTION

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND MAY NOT BE PASSED IN WHOLE OR IN PART TO THIRD PARTIES WITHOUT THE PERMISSION OF FRONTIER PITTS LTD.

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DUTYMAN TERRA BIFOLD BIPARTING

IWA14 (7.2t@48kph) + LPS1175

INSTALLATION DETAILS

DRAWING NUMBER	ISSUE
6245-03	1