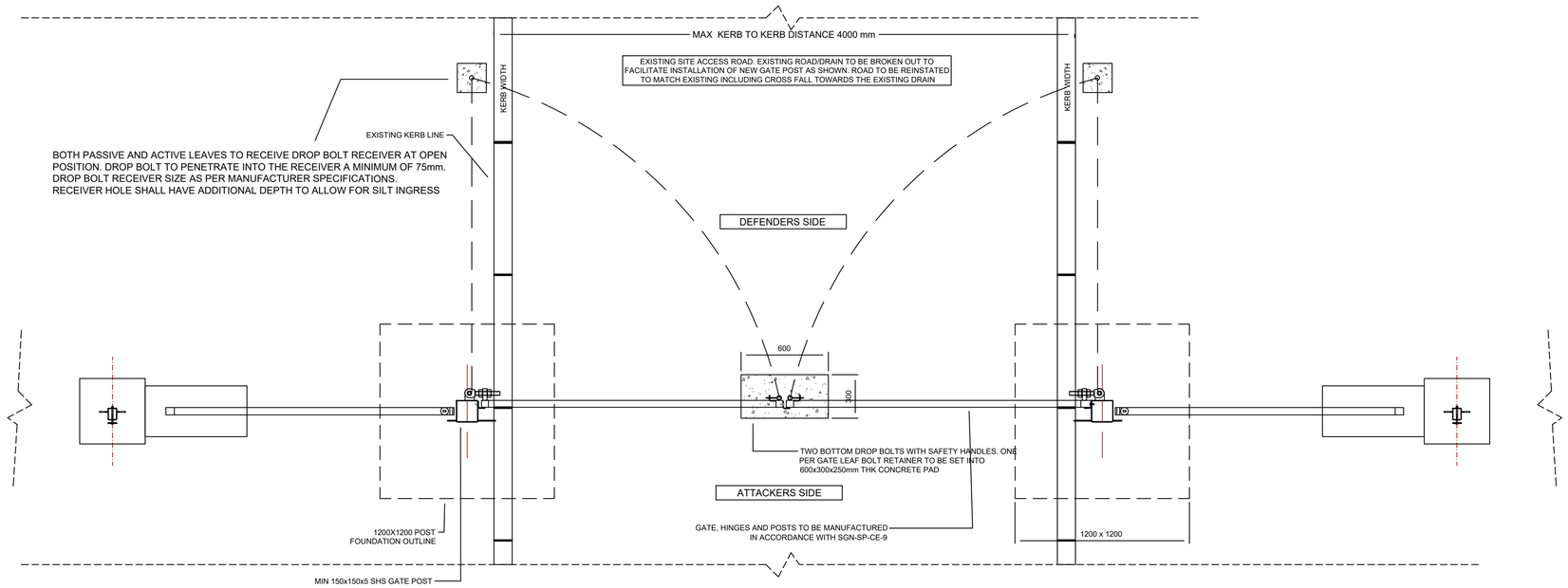
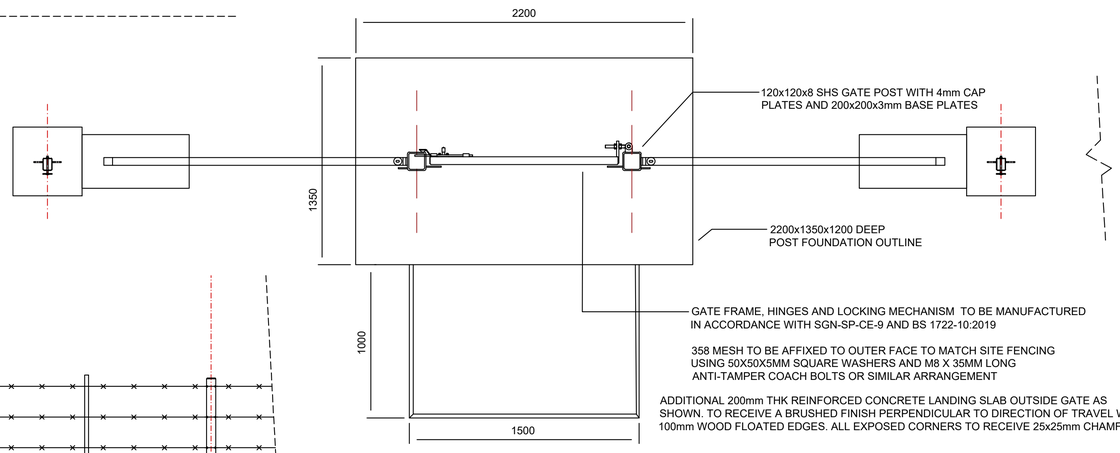
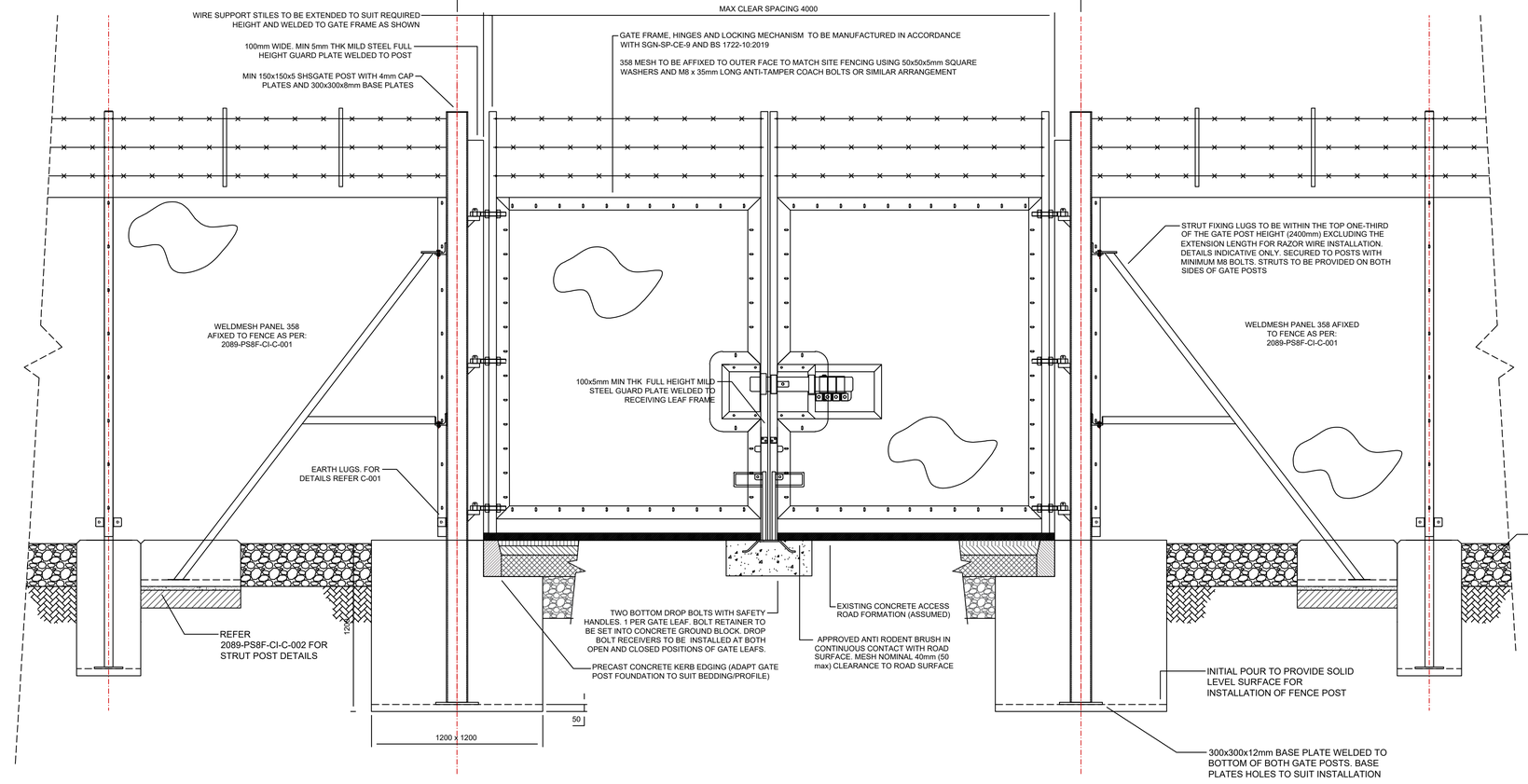


VEHICLE GATE PLAN DETAIL
SCALE 1:15



EMERGENCY GATE SECTION A-A
SCALE 1:20



VEHICLE GATE SECTION DETAIL
SCALE 1:15

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Rev	Details	Name	Date
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NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
3. WORKMANSHIP AND QUALITY CONTROL TO BE IN ACCORDANCE WITH SGN/SP/CE/1, SGN/SP/CE/3 AND SGN/SP/CE/9
4. THE CONTRACTOR IS TO LOCATE ANY OTHER UTILITIES, MAINS AND SERVICES BEFORE ANY CONSTRUCTION IS CARRIED OUT TO ENSURE THESE ITEMS ARE NOT DISTURBED.
5. ALL WORKS TO COMPLY WITH SGN/SP/SSW/22, HSG 47 GUIDELINES AND ALL SGN SAFETY STANDARDS.

STEEL AND GATE

1. GATES TO COMPLY WITH THE REQUIREMENTS OF BS 1722 PART 10 AND SGN/SP/CE/9 FOR 2.4m TALL WELDMESH FENCING WHERE POSSIBLE WITHIN AGREED PROJECT FRAMEWORK.
2. CONTRACTOR TO CHECK DIMENSIONS TO SUIT SITE LAYOUT AND BOUNDARY. EXACT LOCATIONS OF GATE POSTS TO BE CONFIRMED BY MAIN WORKS CONTRACTOR ENGINEER ON SITE.
3. CONTRACTOR TO ADHERE TO FENCING MANUFACTURERS INSTALLATION SPECIFICATIONS AND REQUIREMENTS.
4. ALL STEEL TO BE GRADE S355 OR HIGHER. STEEL TO BE HOT DIPPED GALVANIZED TO COMPLY WITH BSEN1461 AND ANY SHARP EDGES REMOVED PRIOR TO GALVANIZING.
5. SURFACES OF PLATES TO BE FLAT WITHIN 1MM WHEN CHECKED WITH STRAIGHT EDGE IN ALL DIRECTIONS.
6. FENCING TO COMPLY WITH THE REQUIREMENTS OF BS 1722 PART 10 AND SGN/SP/CE/9 FOR 2.4m TALL WELDMESH FENCING WHERE POSSIBLE WITHIN AGREED PROJECT FRAMEWORK.
7. ALL BOLTS TO BE ANTI-TAMPER SHEAR-NUT FIXINGS.
8. ALL WELDS TO BE A MINIMUM OF 6mm PENETRATION FILLET WELDS FOR TOTAL LENGTH OF STEEL SECTION UNLESS SHOWN OTHERWISE PRIOR TO GALVANIZING. VISUAL INSPECTION OF WELDS TO BE CARRIED OUT IN ACCORDANCE WITH BSEN970.
9. BOLTS SHALL BE GRADE 8.8 IN ACCORDANCE WITH BS EN 898-1. NUTS SHALL BE OF COMPATIBLE GRADE TO THE BOLTS AND SHALL BE IN ACCORDANCE WITH BS EN ISO 898-2.
10. WASHERS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN ISO 7089, 7090, OR 7091 AS APPLICABLE.
11. EASY CLEAN DROP BOLT RECEIVER TO BE SET IN CONCRETE BLOCK OF 600 X 300 X300 MM AT CLOSED STATE OF BOTH LEAFS. RECEIVER TO BE GALVANIZED WITH A MINIMUM 10MM THICK SIDE WALL. DROP BOLT TO PENETRATE INTO THE RECEIVER A MINIMUM OF 30 MM. RECEIVER SHALL HAVE ADDITIONAL DEPTH AND RECESSED SHAPE TO ALLOW FOR FUTURE CLEANING OF SILT INGRESS
12. THESE ARE NOT INTENDED TO BE GATE FABRICATION DRAWINGS. GATE AND DETAILS SHOULD BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH SGN-SP-CE-9 .
13. ALL GATE POSTS TO HAVE EARTH LUGS TO ALLOW POSITIVE, BOLTED FIXING TO EARTH TAPE/ROD, AND/OR CONTINUITY BRAID, AS REQUIRED BY EARTHING DESIGN

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Vehicular Gate Details

Status
PLANNING

Scale
1/20@ A1

Drawn By
RKS

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100-25-502

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