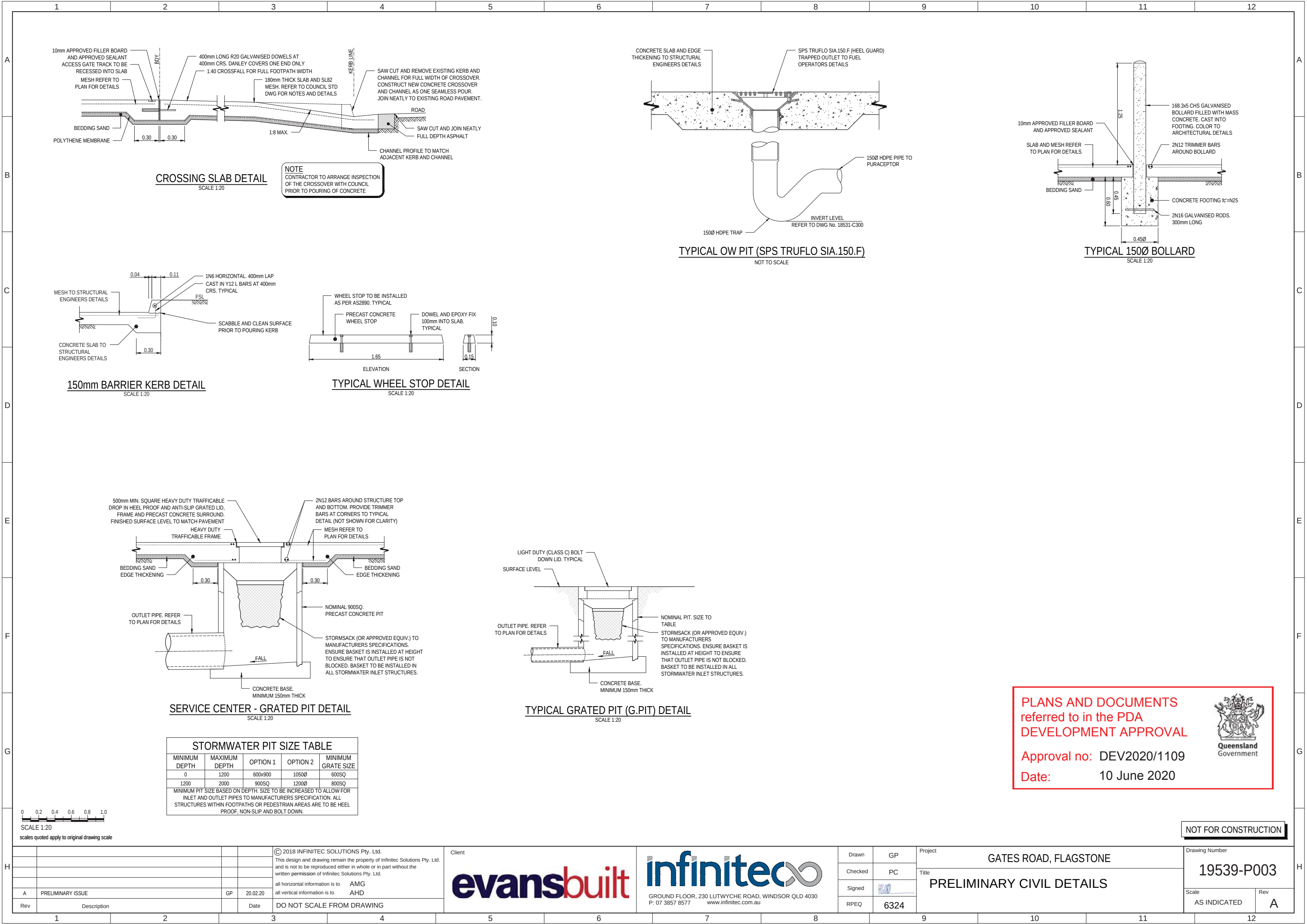


	1	2	3	4	5	6	7	8	9	10	11	12
A	NOTES - EROSION AND SEDIMENT CONTROL - THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND LOGAN COUNCIL'S EROSION AND SEDIMENT CONTROL STANDARD, AND "SEDIMENT BASIN DESIGN, CONSTRUCTION AND MAINTENANCE GUIDELINES". THESE MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED. - THE SEDIMENT & EROSION CONTROL PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS. - THE SITE SUPERINTENDENT SHALL ENSURE THAT ALL SEDIMENT AND EROSION CONTROL WORKS ARE LOCATED AS INSTRUCTED IN THE DRAWINGS. - INFORM ALL CONTRACTORS OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS. - THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY. THE CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCIL'S DESIGN, AND ALL OTHER REGULATORY AUTHORITY REQUIREMENTS. PAY ALL FEES. - WORKS ARE TO BE UNDERTAKEN IN THE FOLLOWING SEQUENCE: - INSTALL SEDIMENT FENCING WHERE SHOWN ON THE PLAN & TO SEDIMENT FENCE DETAIL. - CONSTRUCT TEMPORARY CONSTRUCTION ENTRY/EXIT AS SHOWN ON THE PLAN & TO TEMPORARY CONSTRUCTION ENTRY/EXIT DETAIL. - CONSTRUCT LOW FLOW DIVERSION BANKS WHERE SHOWN ON THE PLAN AND TO DIVERSION BANK DETAIL. - PROVIDE TEMPORARY ACCESS TO THE SEDIMENT BASINS AND PROTECT THIS WITH SEDIMENT FENCING. - PLACE SEDIMENT FENCING DOWNSLOPE OF LANDS TO BE DISTURBED FOR CONSTRUCTION OF THE SEDIMENT BASINS. - CONSTRUCT SEDIMENT BASINS GENERALLY IN ACCORDANCE WITH COUNCIL'S SEDIMENT BASIN GUIDELINES. - STABILISE LAND SURFACES DISTURBED BY CONSTRUCTION OF THE SEDIMENT BASINS AS SOON FINAL LEVELS ARE ESTABLISHED. - CLEAR THE SITE AND STRIP AND STOCKPILE EXCESS FILL AT THE LOCATION SHOWN ON THE PLAN OR AS DIRECTED BY THE SITE SUPERINTENDENT TO STOCKPILE DETAIL. - UNDERTAKE ALL ESSENTIAL CONSTRUCTION WORKS. - INSTALL MESH AND GRAVEL INLET PROTECTION FOR ADJACENT KERB INLETS. - INSTALL GEOTEXTILE INLET FILTERS AROUND ALL DROP INLETS ON SITE. - GRADE LOT AREAS TO FINAL GRADES WITHIN 20 DAYS OF COMPLETION OF CONSTRUCTION WORKS. - REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER PERMANENT WORKS HAVE BEEN COMPLETED. - UNDERTAKE SITE DEVELOPMENT WORKS SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MINIMUM WORKABLE SIZE. - MAINTAIN AND MANAGE ENVIRONMENTAL PROTECTION MEASURES THROUGHOUT CONTRACT. - AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL. - ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) SHALL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT. - WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN STABILISED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED OUT. - TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED / REHABILITATED. - ALLOW FOR THE ESTABLISHMENT OF OTHER EROSION PROTECTION MEASURES. - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS. - ACCEPTABLE RECEPTORS SHALL BE USED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER. - RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER SHALL BE DISPOSED OF IN ACCORDANCE WITH REGULATORY AUTHORITY REQUIREMENTS. PAY ALL FEES AND PROVIDE EVIDENCE OF SAFE DISPOSAL.											
B												
C	PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2020/1109 Date: 10 June 2020 Queensland Government											
D												
E	KERB-SIDE INLET GRAVEL-FILLED WIRE MESH OR GEOTEXTILE 'SAUSAGE'											
F	OVERFLOW SEDIMENT FILTERED WATER TIMBER SPACER TO SUIT GRAVEL-FILLED WIRE MESH OR GEOTEXTILE 'SAUSAGE' NOTE: THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN AN APPROVED SWMP/ESCP. MESH AND GRAVEL INLET FILTER NOT TO SCALE											
G	CONSTRUCTION NOTES - INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS. - FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL. - FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE. - PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS. - FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER. - SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.											
H	EARTH BANK STABILISE STOCKPILE SURFACE SEDIMENT FENCE FLOW 2:1 SLOPE (MAX.) 2:1 SLOPE (MAX.) DIVERSION BANK (LOW FLOW) NOT TO SCALE											
	CONSTRUCTION NOTES - PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS. - CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS. - WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT. - WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10. - CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE. STOCKPILE NOT TO SCALE											
	CONSTRUCTION SITE PROPERTY BOUNDARY RUNOFF DIRECTED TO SEDIMENT TRAP/FENCE DGB20 ROADBASE OR 30mm AGGREGATE EXISTING ROADWAY GEOTEXTILE FABRIC DESIGNED TO PREVENT INTERMIXING OF SUBGRADE AND BASE MATERIALS AND TO MAINTAIN GOOD PROPERTIES OF THE SUB-BASE LAYERS. GEOFABRIC MAY BE A WOVEN OR NEEDLE-PUNCHED PRODUCT WITH A MINIMUM CBR BURST STRENGTH (AS3706.4-90) OF 2500 N MIN. WIDTH 3m MIN. LENGTH 5m 200mm MIN. 300mm MIN. TEMPORARY CONSTRUCTION ENTRY/EXIT NOT TO SCALE											
	CONSTRUCTION NOTES - STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE. - COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE. - CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE. - ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE. - WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE											
	STAR PICKETS AT MAXIMUM 2.0m SPACINGS SELF-SUPPORTING GEOTEXTILE ON SOIL, 150mm x 100mm TRENCH WITH COMPACTED BACKFILL AND ON ROCK, SET INTO SURFACE CONCRETE SECTION DETAIL STAR PICKETS AT MAXIMUM 2.0m SPACINGS UNDISTURBED AREA DISTURBED AREA FLOW 20m MAX. (UNLESS STATED OTHERWISE ON SWMP/ESCP) PLAN STAR PICKETS AT MAXIMUM 2.0m SPACINGS 1.50m MIN. SEDIMENT FENCE NOT TO SCALE											
	CONSTRUCTION NOTES - CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50L/s IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT. - CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED. - DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS. - FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY. - JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP. - BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.											
	0 0.2 0.4 0.6 0.8 1.0 SCALE 1:20 scales quoted apply to original drawing scale											
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	1	2	3	4	5	6	7	8	9	10	11	12



CROSSING SLAB DETAIL
SCALE 1:20

NOTE
CONTRACTOR TO ARRANGE INSPECTION
OF THE CROSSOVER WITH COUNCIL
PRIOR TO POURING OF CONCRETE.

TYPICAL OW PIT (SPS TRUFLO SIA.150.F)
NOT TO SCALE

TYPICAL 1500 BOLLARD
SCALE 1:20

150mm BARRIER KERB DETAIL
SCALE 1:20

TYPICAL WHEEL STOP DETAIL
SCALE 1:20

SERVICE CENTER - GRATED PIT DETAIL
SCALE 1:20

TYPICAL GRATED PIT (G.PIT) DETAIL
SCALE 1:20

STORMWATER PIT SIZE TABLE				
MINIMUM DEPTH	MAXIMUM DEPTH	OPTION 1	OPTION 2	MINIMUM GRATE SIZE
0	1200	600x900	1050Ø	600SQ
1200	2000	900SQ	1200Ø	800SQ
MINIMUM PIT SIZE BASED ON DEPTH. SIZE TO BE INCREASED TO ALLOW FOR INLET AND OUTLET PIPES TO MANUFACTURERS SPECIFICATION. ALL STRUCTURES WITHIN FOOTPATHS OR PEDESTRIAN AREAS ARE TO BE HEEL PROOF, NON-SLIP AND BOLT DOWN.				

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2020/1109

Date: 10 June 2020



NOT FOR CONSTRUCTION

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Drawn GP
Checked PC
Signed
RPEQ 6324

Project GATES ROAD, FLAGSTONE
Title PRELIMINARY CIVIL DETAILS

Drawing Number 19539-P003
Scale AS INDICATED
Rev A

