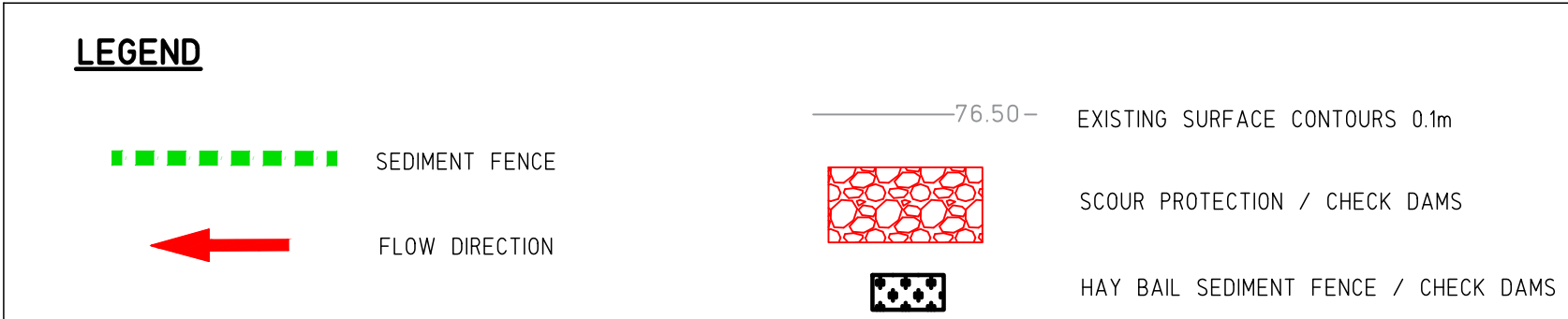
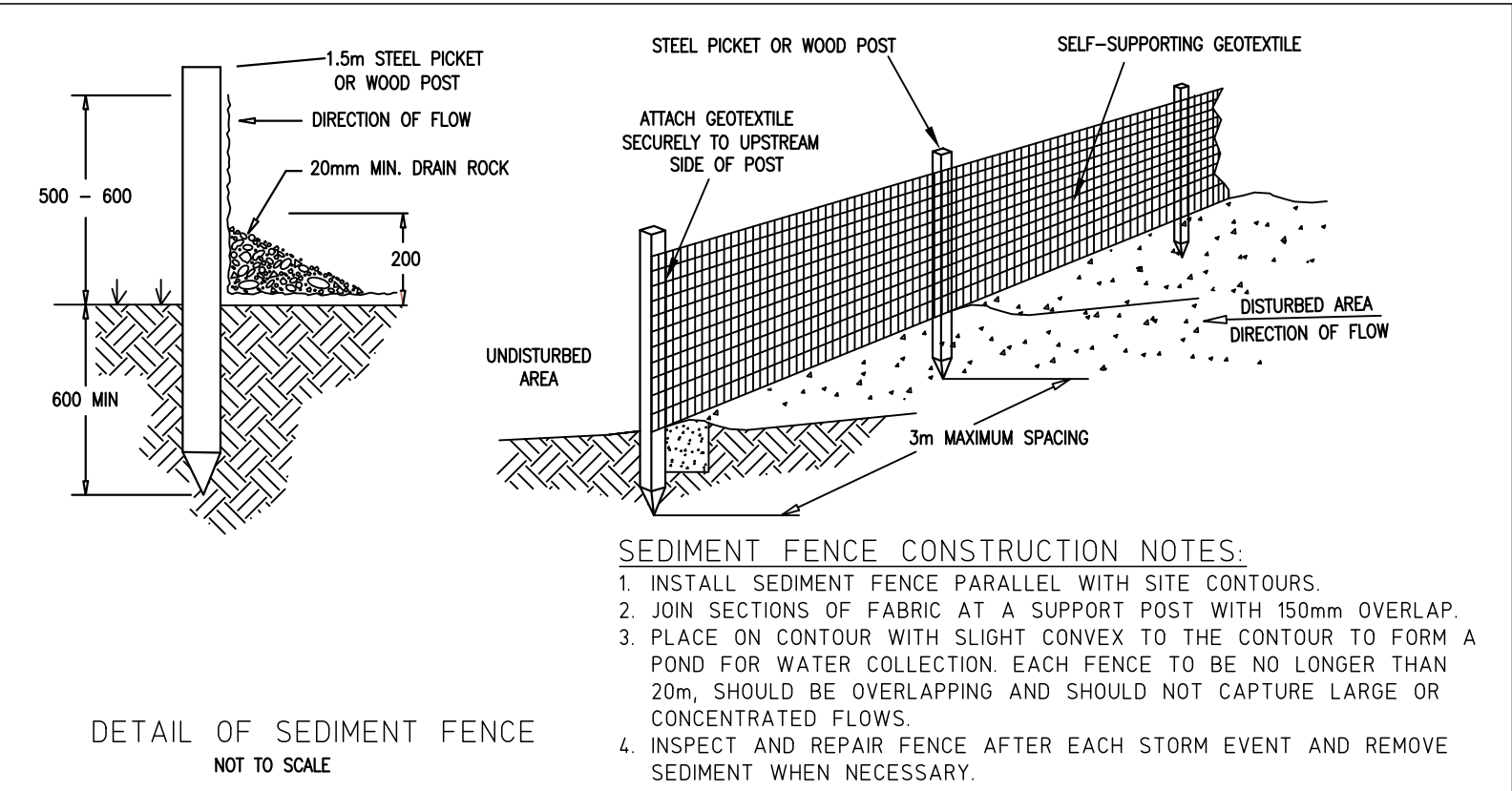
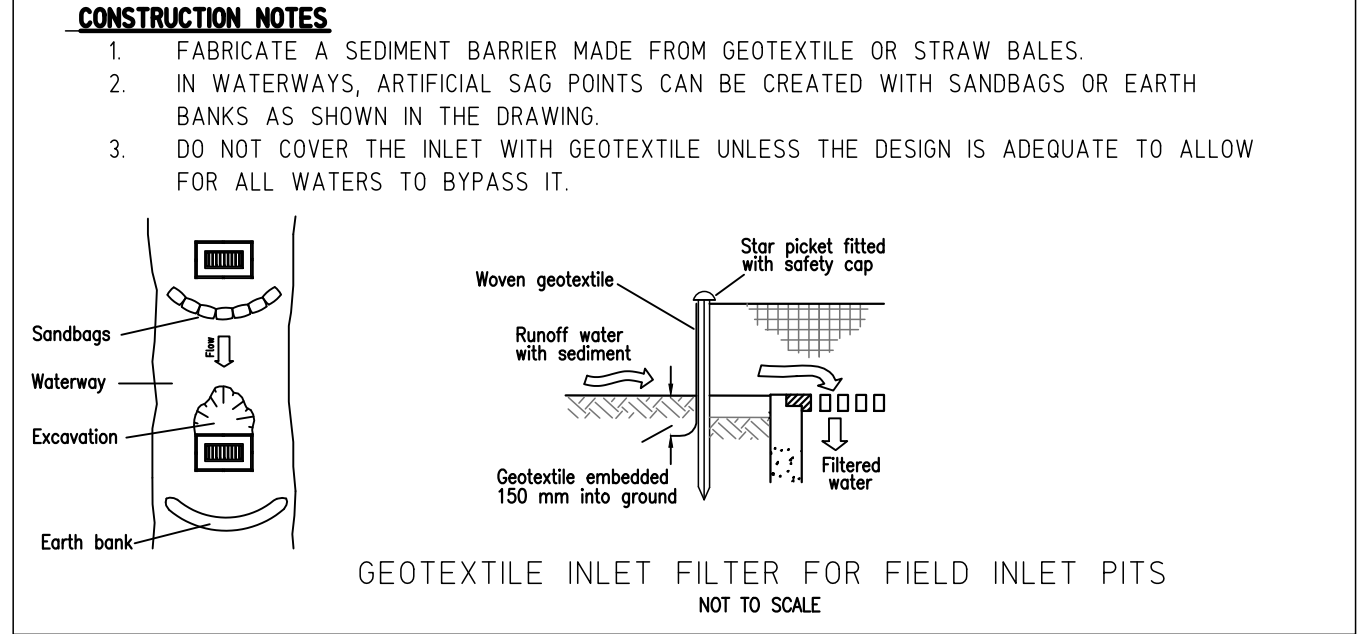
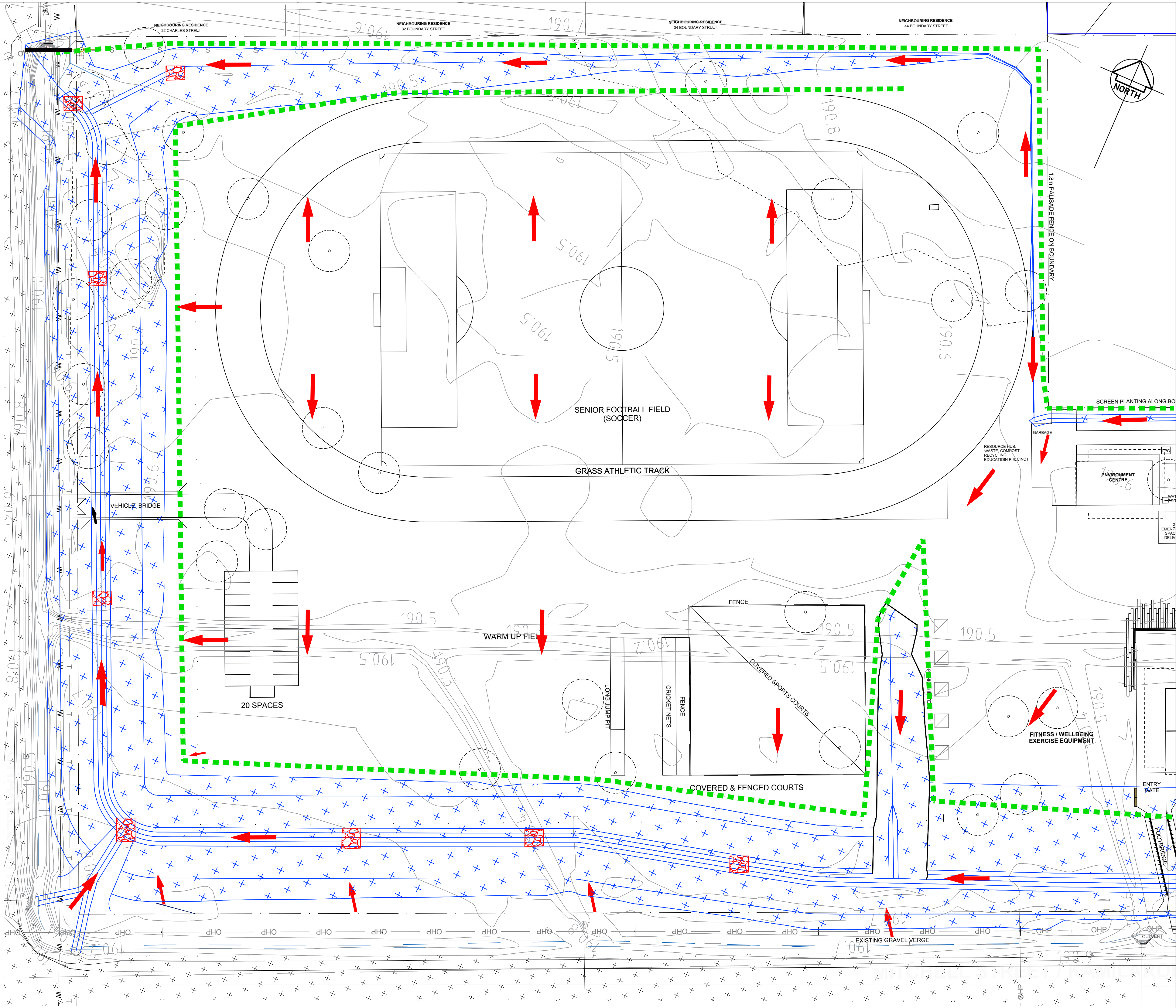
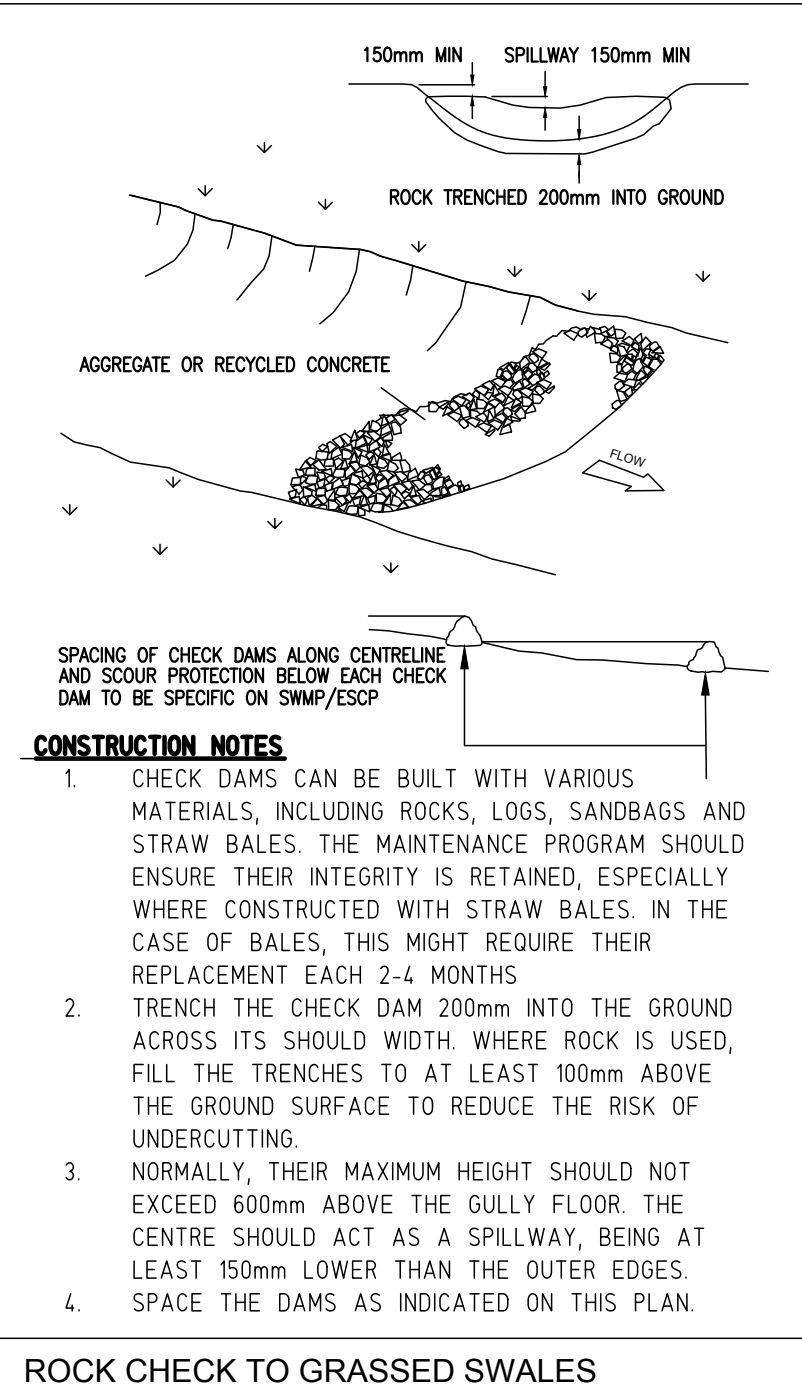


EROSION & SEDIMENT CONTROL NOTES:

- SOIL STOCKPILES TO BE NO HIGHER THAN 3.0 METRES (2.0m PREFERABLE) IN LOCATIONS DIRECTED BY THE SUPERINTENDENT.
- CONSTRUCT SEDIMENT FENCE AT LOCATIONS SHOWN AND AS DIRECTED BY SITE SUPERINTENDENT. SEDIMENT FENCE OR EQUIVALENT TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH COUNCILS ENGINEERING REQUIREMENTS.
- UPON COMPLETION OF FINAL EARTHWORKS OR AFTER WRITTEN DIRECTION OF COUNCIL, IMMEDIATE SOIL CONSERVATION TREATMENTS SHALL BE APPLIED SO AS TO RENDER AREAS THAT HAVE BEEN DISTURBED, EROSION PROOF IN 14 DAYS.
- ALL PERIMETER AND SILTATION CONTROL MEASURES ARE TO BE THE FIRST STEP IN CLEARING OR EARTHWORKS.
- ALL TEMPORARY EARTH BERMS AND DIVERSION BANKS ARE TO BE TRACK ROLLED AND SEEDED OR MULCHED FOR TEMPORARY VEGETATION COVER AS SOON AS THEY HAVE BEEN FORMED.
- ALL TOPSOIL IS TO BE STOCKPILED ON SITE FOR RE-USE (AWAY FROM TREES AND DRAINAGE LINES). MEASURES SHALL BE APPLIED TO PREVENT EROSION FROM THE STOCKPILES.
- SOIL/GRASS - TOPSOIL, 200mm THICK SHALL BE APPLIED TO ALL DISTURBED AREAS. ALL REMAINING EXPOSED TOPSOIL SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF THE SOIL SPREADING OPERATION.

CONSTRUCTION SEQUENCE/SILT MANAGEMENT PROGRAM

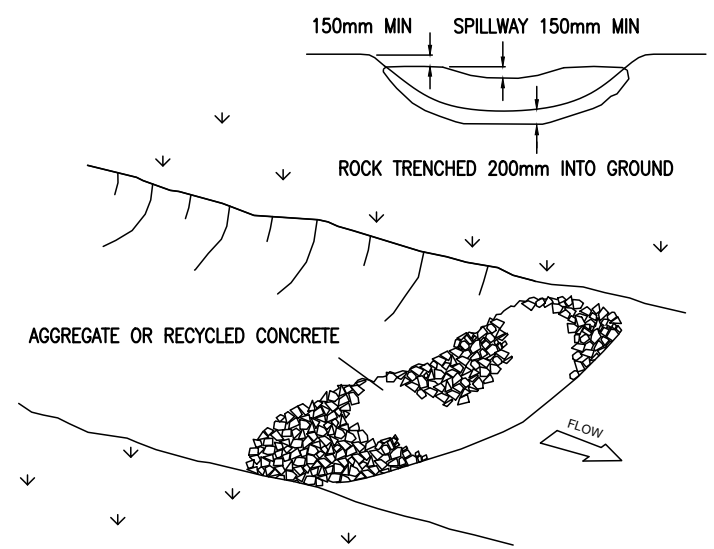
- PRE START**
ERECT SITE SIGNAGE. CONSTRUCT ENTRY AND EXIT POINT AS INDICATED.
CONSTRUCT VEHICLE WASHDOWN AREA AND ASSOCIATED SILT MANAGEMENT DEVICES.
CONSTRUCT SITE OFFICE AND STORAGE COMPOUND AREA.
ERECT SILT FENCE AT LOW POINTS OF THE SITE AS DEMONSTRATED.
ERECT TEMPORARY 3 STRAND WIRE FENCE AROUND EXISTING TREES TO BE RETAINED.
CONSTRUCT ROCK CHECK DAMS AND SILT FENCES DOWNSTREAM OF BASIN.
- CLEARING AND BULK EARTHWORKS**
SILT FENCE, SAND BAGS AND EARTH RILLS TO BE ERECTED AS INDICATED OR REQUIRED DURING CLEARING.
SUPERINTENDENT TO CONFIRM EXTENT OF STRIPPING TO CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS EACH DAY, BASED ON PREDICTED RAINFALLS.
SILT FENCES AND EARTH RILLS WITHIN ROADS TO BE ERECTED AS INDICATED OR REQUIRED DURING EARTHWORKS.
- CONSTRUCTION - STOCKPILING**
TEMPORARY SILT FENCE TO BE ERECTED 3m FROM TOE OF BATTER ON LOW SIDE OF STOCKPILING.
STOCKPILE SITE TO BE CLEAR OF ADJACENT PROPERTY BOUNDARIES SO AS NOT TO CAUSE A NUISANCE TO ADJOINING PROPERTIES.
- MAINTENANCE (PRE TO POST CONSTRUCTION)**
THE SILT FENCES ARE TO BE INSPECTED WEEKLY.
ANY REPAIRS REQUIRED ARE TO BE EFFECTED IMMEDIATELY.
SILT AFTER RAIN IS TO BE CLEANED FROM STREETS AND ALLOTMENTS IMMEDIATELY AND CORRECTIVE ACTION TAKEN TO AVOID A RE-OCCURRENCE OF THE FAILURE.



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					PO BOX 44 LENNOX HEAD NSW 2478		TITLE		DWG No: ESC02
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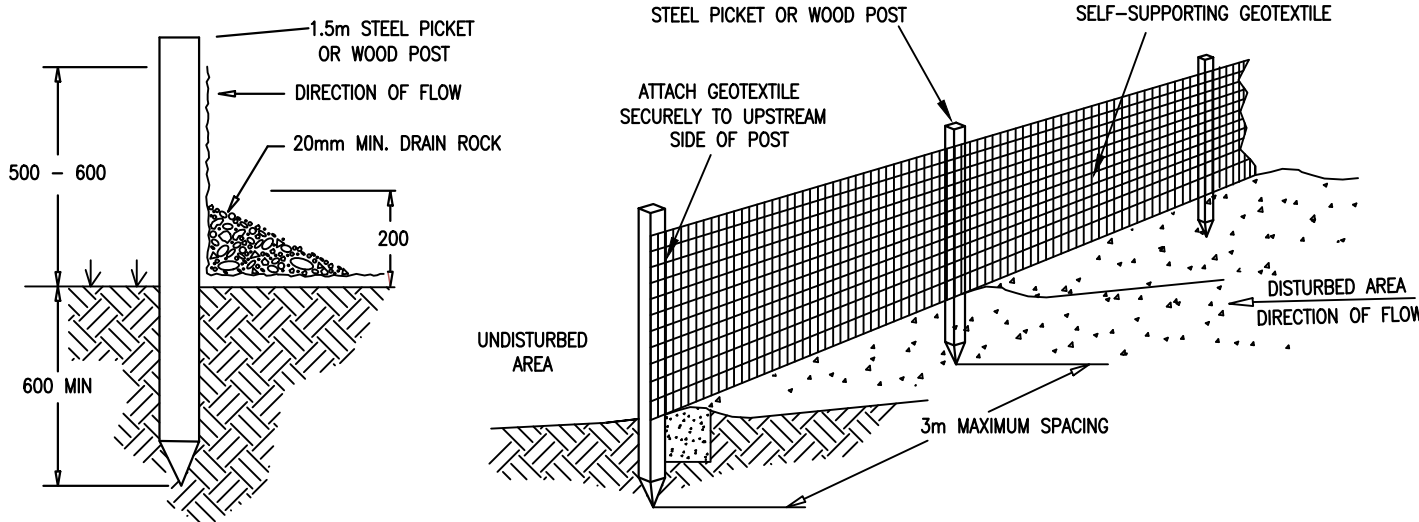


SPACING OF CHECK DAMS ALONG CENTRELINE AND SCOUR PROTECTION BELOW EACH CHECK DAM TO BE SPECIFIC ON SWMP/ESCP

CONSTRUCTION NOTES

- CHECK DAMS CAN BE BUILT WITH VARIOUS MATERIALS, INCLUDING ROCKS, LOGS, SANDBAGS AND STRAW BALES. THE MAINTENANCE PROGRAM SHOULD ENSURE THEIR INTEGRITY IS RETAINED, ESPECIALLY WHERE CONSTRUCTED WITH STRAW BALES. IN THE CASE OF BALES, THIS MIGHT REQUIRE THEIR REPLACEMENT EACH 2-4 MONTHS.
- TRENCH THE CHECK DAM 200mm INTO THE GROUND ACROSS ITS SHOULD WIDTH. WHERE ROCK IS USED, FILL THE TRENCHES TO AT LEAST 100mm ABOVE THE GROUND SURFACE TO REDUCE THE RISK OF UNDERCUTTING.
- NORMALLY, THEIR MAXIMUM HEIGHT SHOULD NOT EXCEED 600mm ABOVE THE GULLY FLOOR. THE CENTRE SHOULD ACT AS A SPILLWAY, BEING AT LEAST 150mm LOWER THAN THE OUTER EDGES.
- SPACE THE DAMS AS INDICATED ON THIS PLAN.

ROCK CHECK TO GRASSED SWALES

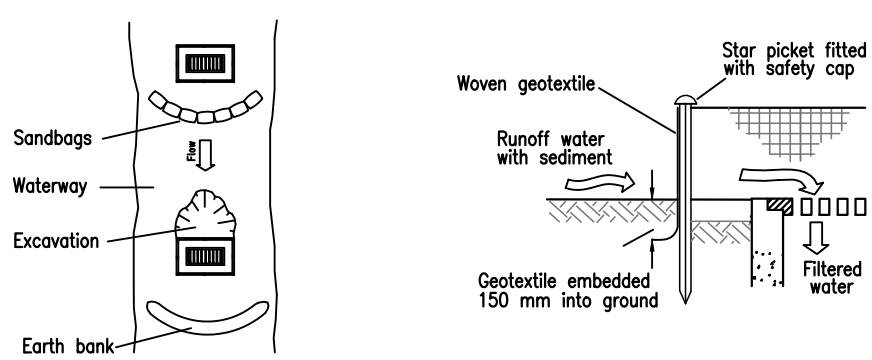


- SEDIMENT FENCE CONSTRUCTION NOTES:**
- INSTALL SEDIMENT FENCE PARALLEL WITH SITE CONTOURS.
 - JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH 150mm OVERLAP.
 - PLACE ON CONTOUR WITH SLIGHT CONVEX TO THE CONTOUR TO FORM A POND FOR WATER COLLECTION. EACH FENCE TO BE NO LONGER THAN 20m, SHOULD BE OVERLAPPING AND SHOULD NOT CAPTURE LARGE OR CONCENTRATED FLOWS.
 - INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

DETAIL OF SEDIMENT FENCE
NOT TO SCALE

CONSTRUCTION NOTES

- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
- IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
- DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

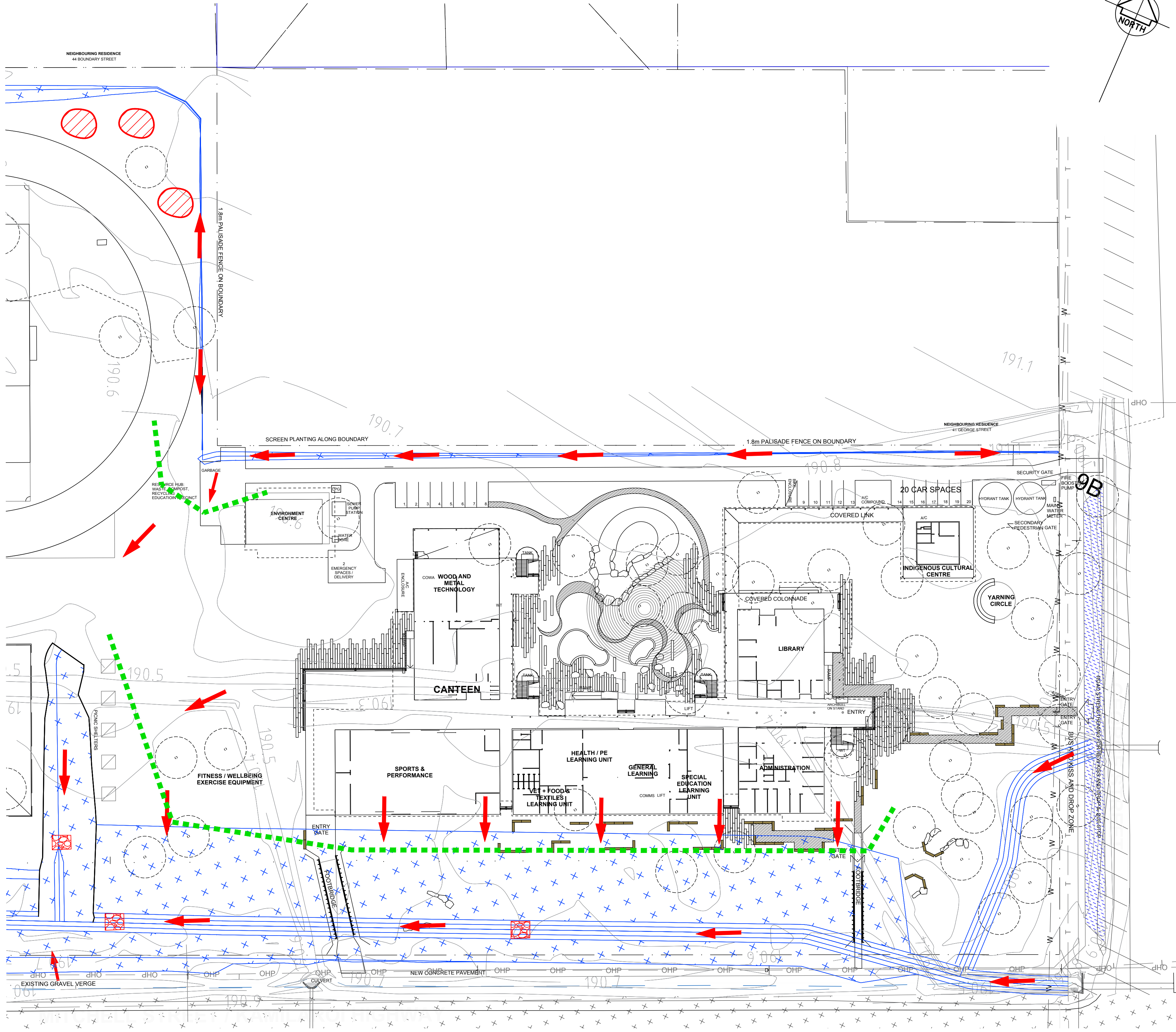


GEOTEXTILE INLET FILTER FOR FIELD INLET PITS
NOT TO SCALE

LEGEND

- SEDIMENT FENCE
- FLOW DIRECTION
- EXISTING SURFACE CONTOURS 0.1m
- SUGGESTED STOCKPILE SITE
- SCOUR PROTECTION / CHECK DAMS

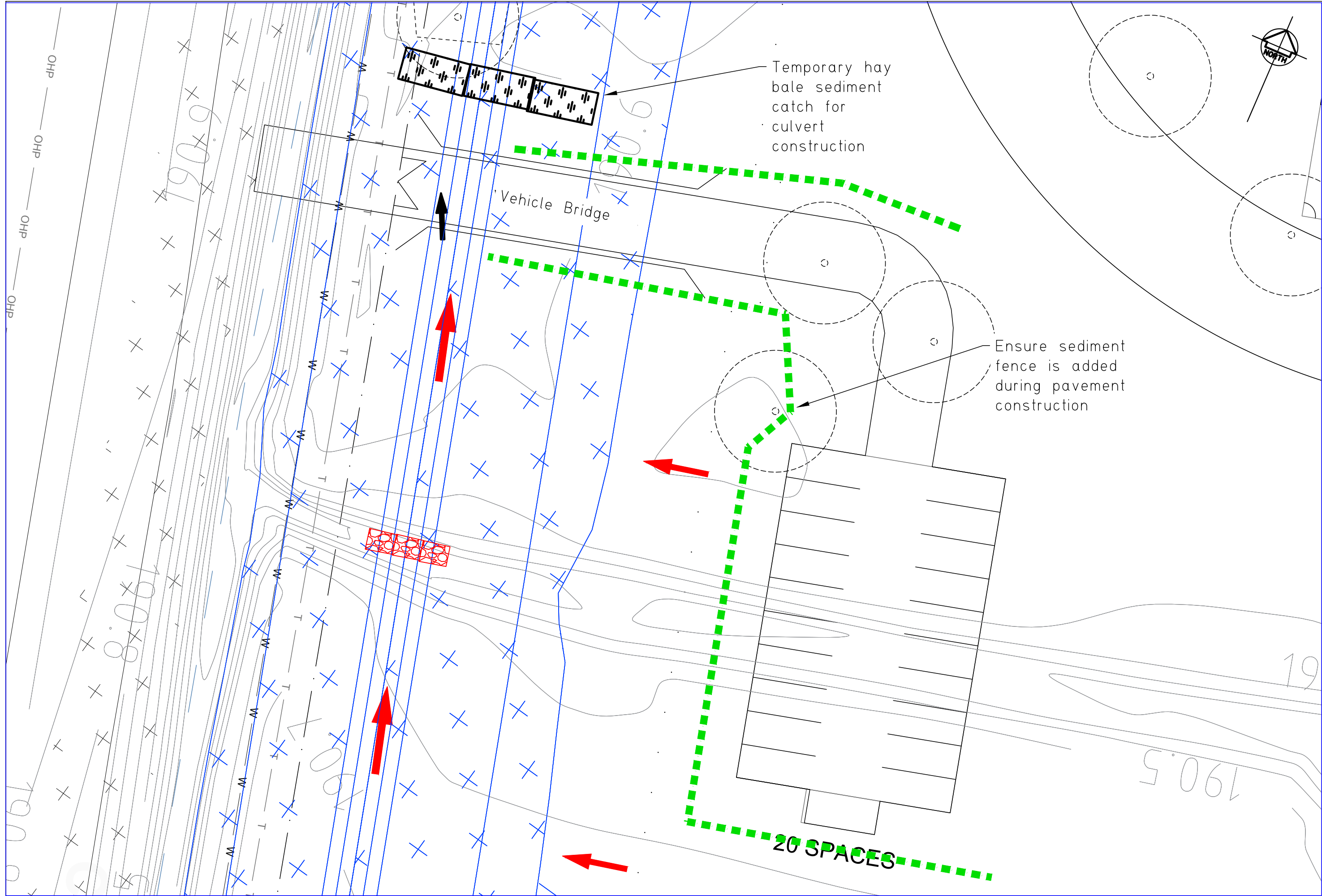
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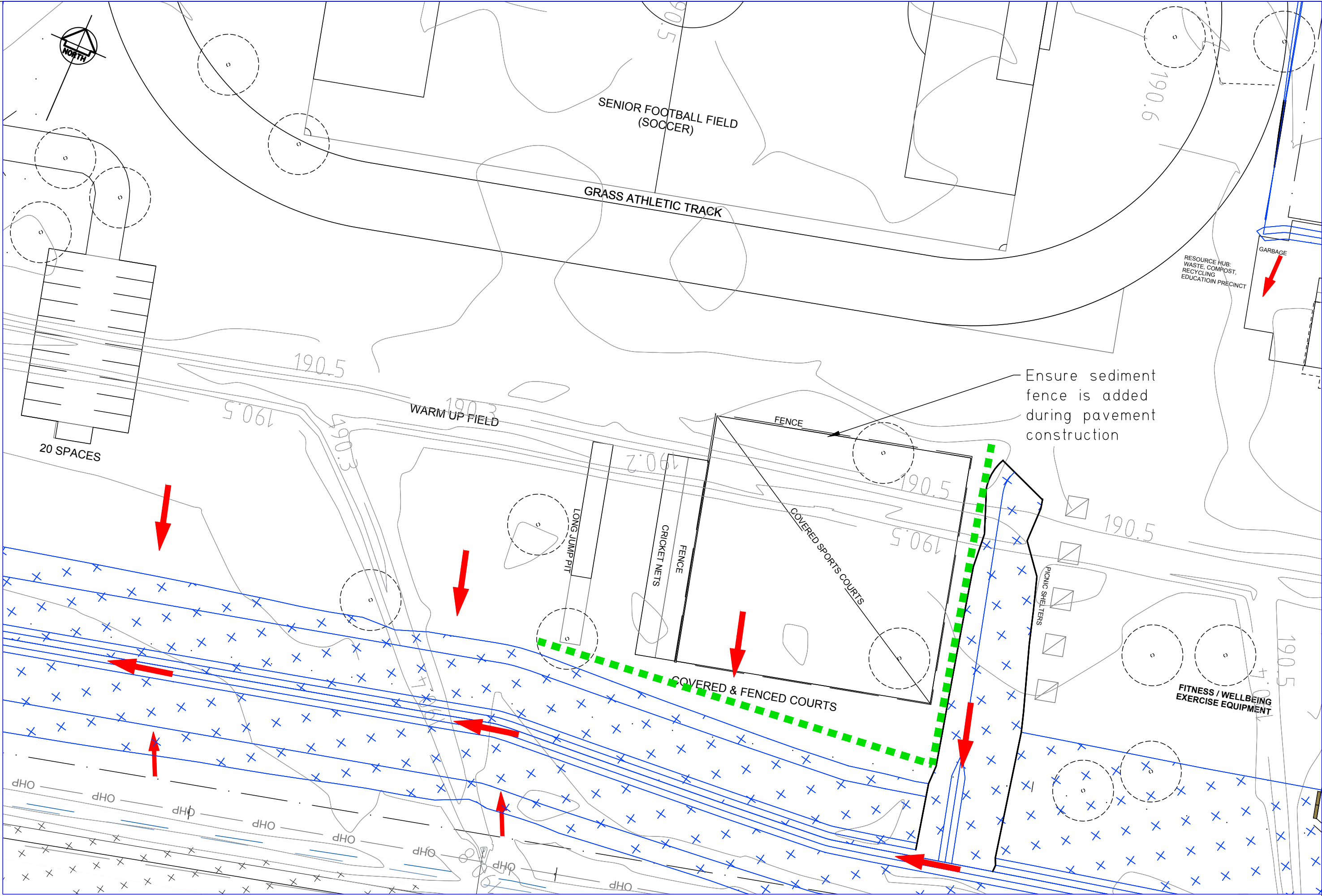
AREA 2 - Scale 1:500

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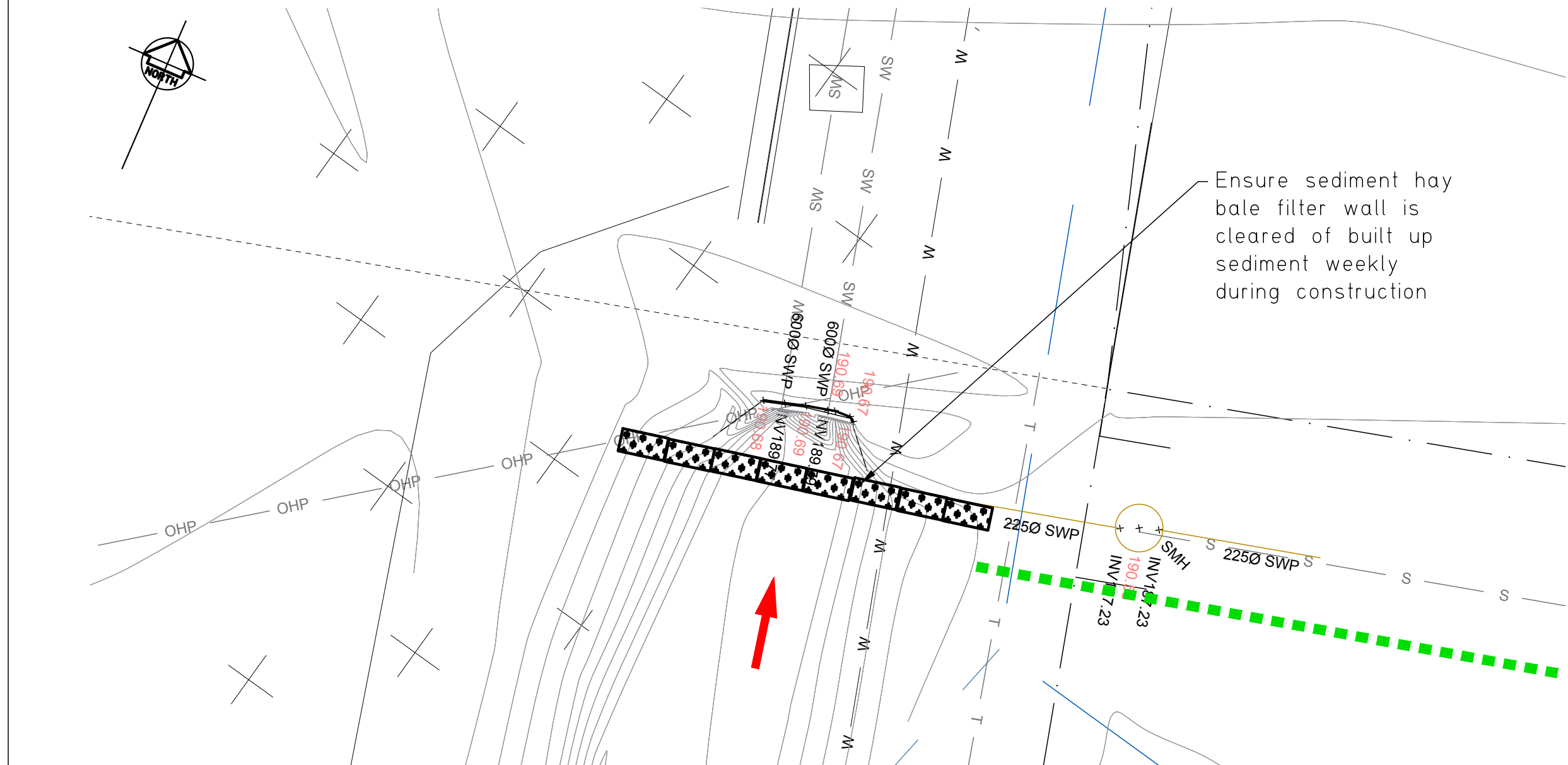
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CARPARK AREA - Scale 1:250

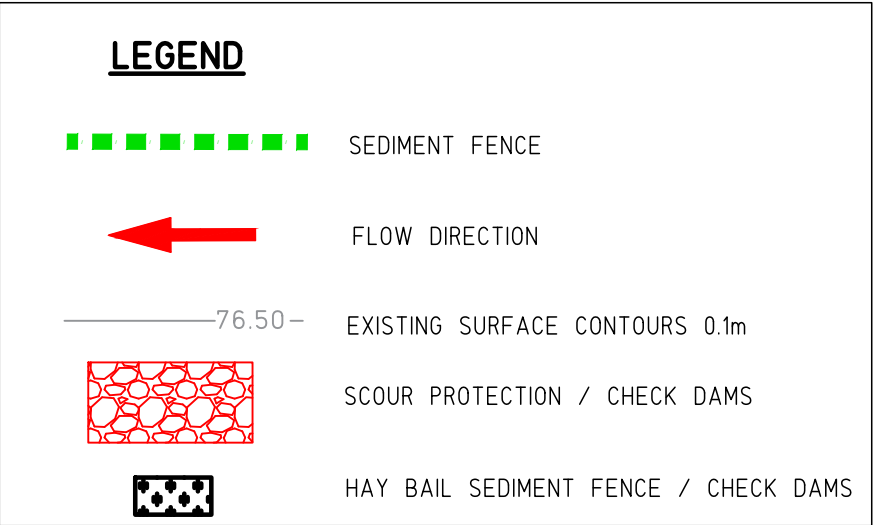
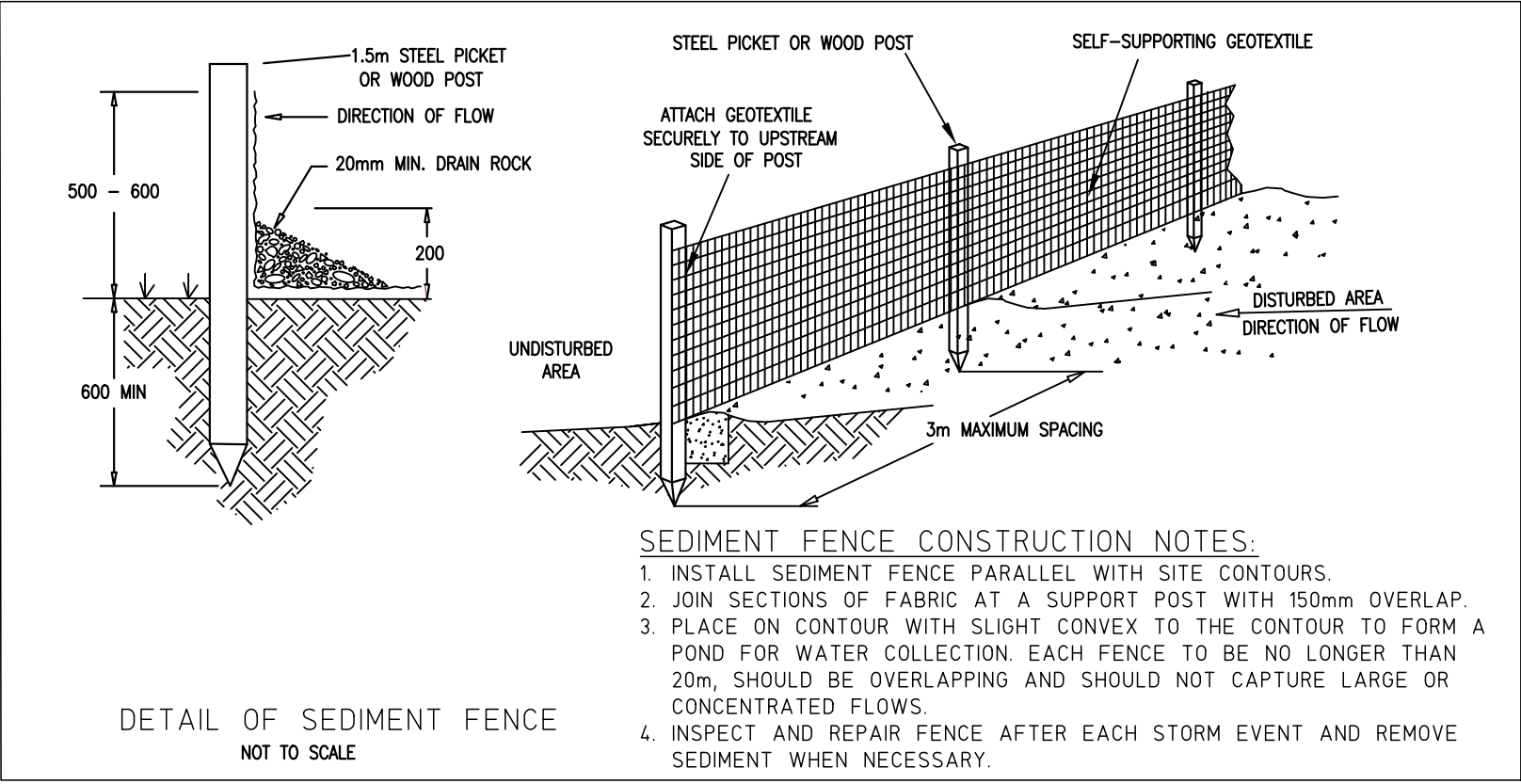
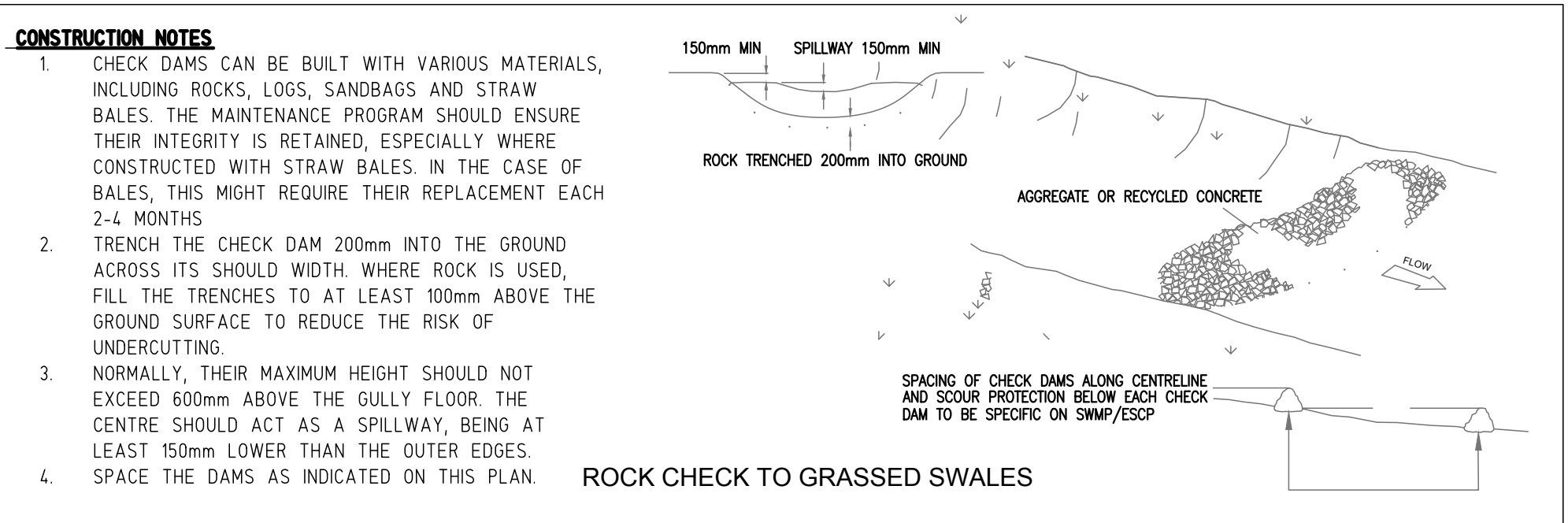


VIEWING PLATFORM - Scale 1:500



DOWNSTREAM INLET - Scale 1:100

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- ALL PERIMETER AND SILTATION CONTROL MEASURES ARE TO BE THE FIRST STEP IN CLEARING OR EARTHWORKS.
- SEDIMENTATION BASIN TO BE FLOCCULATED AND PUMPED OUT AFTER EVERY STORM EVENT. ALL FLOCCULATED SEDIMENT TO BE REMOVED FROM THE BASIN AT THE CONCLUSION OF THE CONTRACT PERIOD.
- ALL TEMPORARY EARTH BERMS AND DIVERSION BANKS ARE TO BE TRACK ROLLED AND SEEDED OR MULCHED FOR TEMPORARY VEGETATION COVER AS SOON AS THEY HAVE BEEN FORMED.
- PROVIDE FILTER SAUSAGE KERB INLET SEDIMENT TRAPS OR EQUIVALENT (TO THE SATISFACTION OF THE SUPERINTENDENT) TO ALL CONSTRUCTED INLET PITS AND STORMWATER PIPING.
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