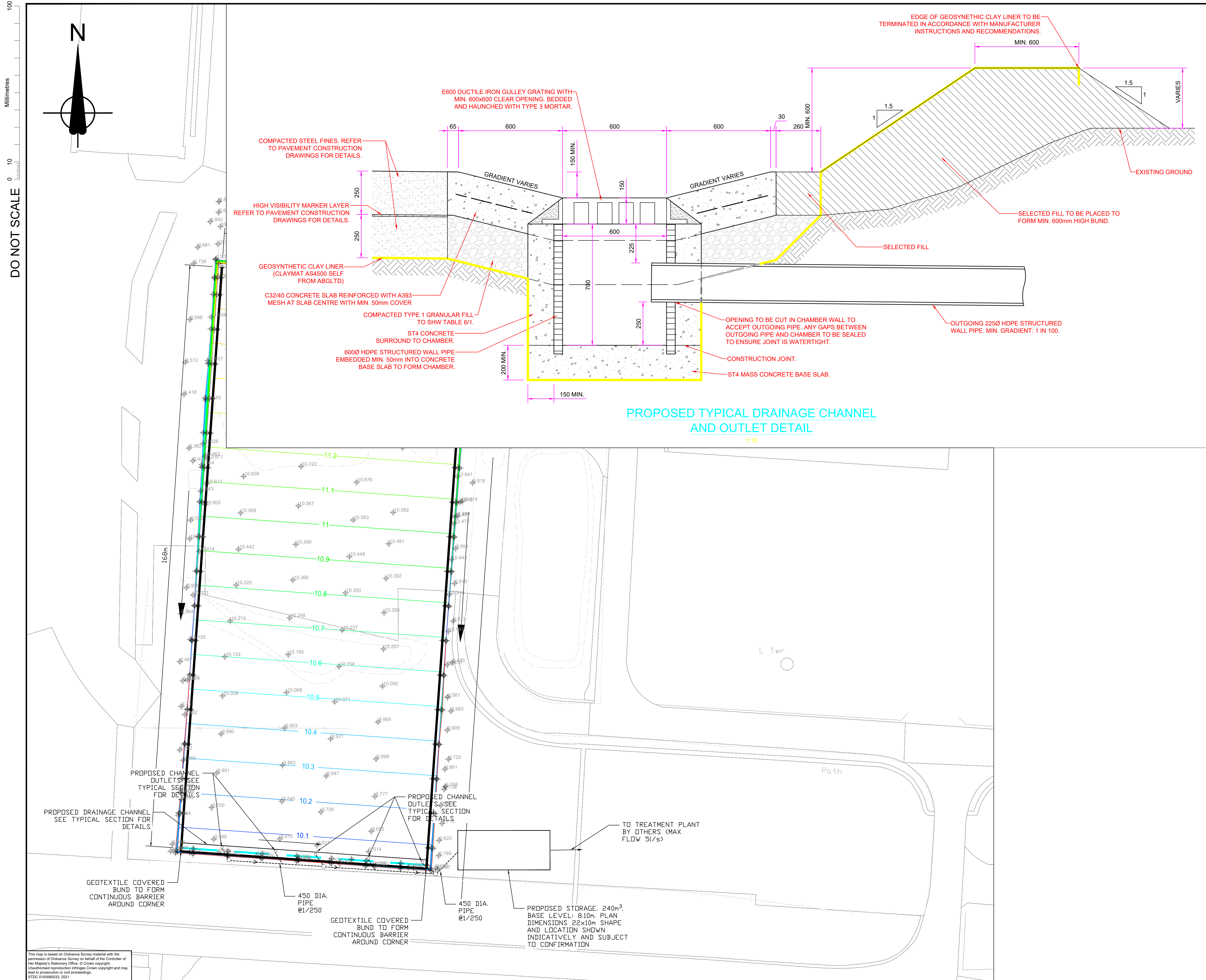
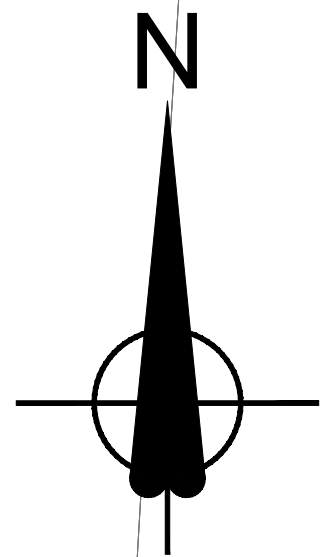


DO NOT SCALE

Millimetres

0 10 100



PROPOSED TYPICAL DRAINAGE CHANNEL AND OUTLET DETAIL

1:10

NOTES:

1. DO NOT SCALE OFF THIS DRAWING.
2. THIS DRAWING IS BASED ON THE TOPOGRAPHICAL SURVEY AND PROPOSED FORMATION LAYOUT/LEVELS SHOWN ON HALL CONSTRUCTION SERVICES LTD. DRAWING NUMBER 2383-JSH008 (DATE: 3RD DECEMBER 2020).
3. ALL LEVELS STATED ARE IN METRES ABOVE ORDNANCE DATUM.
4. ALL CONTOURS REPRESENT THE PROPOSED SLAB FORMATION LEVELS AND HAVE AN INTERVAL OF 0.1m. ALL SPOT LEVELS IN BLACK ALSO REPRESENT PROPOSED FORMATION LEVELS.
5. ALL SPOT LEVELS IN GREY ARE EXISTING GROUND LEVELS.
6. THIS DRAWING MUST BE READ IN CONJUNCTION WITH DRAWINGS AND SPECIFICATIONS RELATING TO THE PROPOSED CONCRETE SLAB.
7. THE DESIGN OF THE TREATMENT PLANT AND THE MEANS BY WHICH WATER IS REMOVED FROM THE STORAGE TANK AND TRANSFERRED TO THE TREATMENT PLANT HAS BEEN UNDERTAKEN BY OTHERS.
8. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES WITHIN THE AREA OF THE WORKS PRIOR TO CONSTRUCTION COMMENCING. ANY CONFLICTS WITH THE PROPOSED WORKS MUST BE REPORTED TO THE ENGINEER.
9. ALL ACCESS COVERS, GRATINGS AND FRAMES MUST BE MIN. D400 DUCTILE IRON IN ACCORDANCE WITH BS EN 124 AND KITEMARKED.
10. ALL PROPOSED PIPEWORK TO BE NON-PERFORATED STRUCTURED WALL HDPE PIPEWORK.
11. ALL PIPEWORK SHALL HAVE GRANULAR BED AND SURROUND (CLASS S) UNLESS THE COVER TO THE PIPE IS LESS THAN 0.9m WHEN CONCRETE BED AND SURROUND (CLASS Z) SHALL BE USED.
12. ALL ACCESS CHAMBERS BEYOND THE PROPOSED CHANNEL SHALL BE PRECAST CONCRETE WITH A MINIMUM DIAMETER OF 1500mm.
13. THE MEANS BY WHICH THE PROPOSED STORAGE IS TO BE PROVIDED IS SUBJECT TO CONFIRMATION FOLLOWING DISCUSSION WITH THE PROJECT TEAM.
14. THE PROPOSED COLLECTION AND STORAGE SYSTEMS ARE DESIGNED TO ACCOMMODATE AT LEAST THE 1 IN 5-YEAR RAINFALL EVENT WITH POTENTIAL CAPACITY FOR UP TO THE 1 IN 20-YEAR EVENT. AS THE PROPOSED WORKS ARE TEMPORARY (ASSUMED LIFE SPAN OF 5 YEARS), NO CLIMATE CHANGE ALLOWANCE HAS BEEN INCLUDED WITHIN THE DESIGN.
15. THE PROPOSED STORAGE IS SIZED BASED ON A MIN. OUTFLOW RATE TO THE TREATMENT PLANT OF 5l/s. IF THIS RATE IS VARIED, THE ENGINEER MUST BE INFORMED TO REVIEW THE SIZE OF THE STORAGE.
16. DRAWING BASED ON ATKINS MODEL, REFER TO DRAWING 5203829-ATK-XX-DR-C-0500.

Rev.	Date	Description	By	Chk'd	App'd
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Project Title:
TEESWORKS
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Drawing Name:

SOIL TREATMENT HOSPITAL PROPOSED SURFACE WATER DRAINAGE ARRANGEMENTS

Drawn by: KW
Checked by: IKP
Approved by: JMc

Date: MAY 2021

Date: MAY 2021

Date: MAY 2021

Drawing Number:
TSWK-STDC-LAC-ZZ-DR-C-0014

Revision:
-

Drawing Scale:
1:1250

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