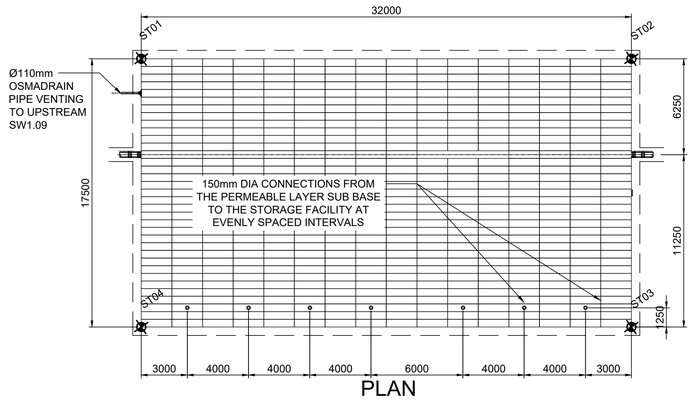
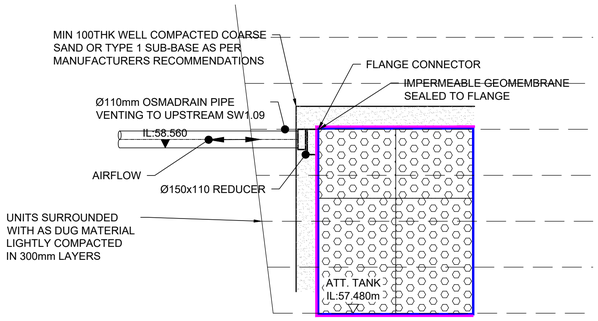


PLAN
SCALE 1:200

SETTING OUT POINTS		
SOP	EASTING	NORTHING
ST01	386095.163	399549.320
ST02	386120.211	399569.256
ST03	386131.109	399555.564
ST04	386106.071	399535.636

SW TANK TO BE COORDINATED WITH THE MINE SHAFT DETAIL, CENTRAL COORDINATE PROVIDED ON THE RIDGE DRAWING 00501



VENT DETAILS
SCALE 1:20

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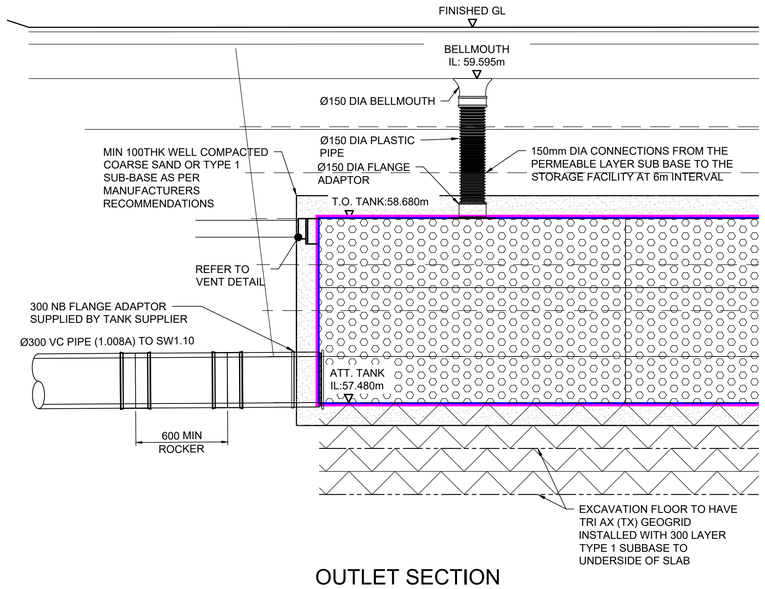
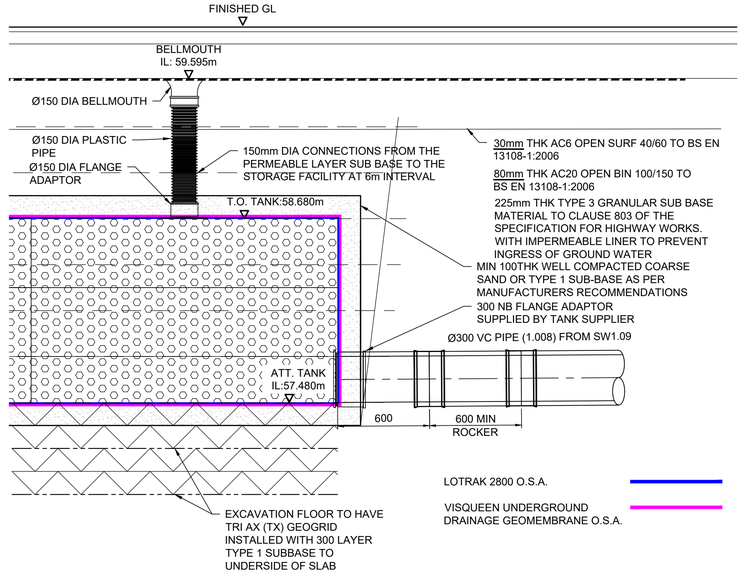


OUTLET SECTION
SCALE 1:20

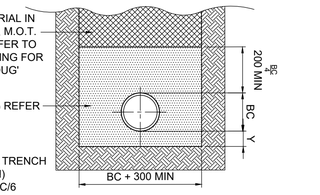


INLET SECTION
SCALE 1:20

STORMWATER STORAGE TANK - POLYSTORM (O.S.A.)

- DESIGN TO BE UNDERTAKEN BY POLYSTORM TO SUIT GROUND CONDITIONS AND DESIGN SHOULD BE IN ACCORDANCE WITH C680 AND C737. · CONTRACTOR TO CONFIRM CONSTRUCTION TRAFFIC REQUIREMENTS FOR GEOLIGHT TO CONFIRM ANY TEMPORARY WORKS REQUIRED TO FACILITATE CONSTRUCTION TRAFFIC OVERRUNNING THE ATTENUATION FOLLOWING INSTALL
- TANK SIZE : 32m(L) x 17.5m(W) x 1.2m(H)
- TANK VOLUME : 672m3 (OVERALL)
- VOID RATIO : 0.95 x V = 638.4m3 (EFFECTIVE)
- TANK INVERT LEVEL : 57.480m
- MINIMUM COVER : 1.21m (AS PER MANUFACTURERS RECOMMENDATIONS)
- BOTTOM LEVEL OF PERFORATIONS/SLOTS OF THE PERFORATED PIPE TO COINCIDE WITH THE TANK IL AT THE DOWNSTREAM END

INLET ELEVATION
SCALE 1:20



Y VALUE (BELOW PIPE):
HARD SPOTS/IRREGULAR TRENCH BOTTOM BC/4 (200mm MIN)
EVEN TRENCH BOTTOM BC/6 (100mm MIN)

BC = OUTSIDE DIAMETER

PIPE BEDDING CLASS S (BEDDING FACTOR 2.5)

CONSTRUCTION RECORD DRAWING

Note:
The information shown on this Construction Record drawing is based on the latest issued Construction drawings which have been modified as necessary with information supplied by the Contractor to incorporate changes made during construction. Information obtained from third parties has not been verified by Ridge and Partners LLP and may not be wholly accurate. Any party seeking to use this drawing must first verify its fitness for the intended purpose with suitable site inspections/investigations as deemed appropriate.

- MODULES REQUIRE ,MINIMUM 450mm BACKFILLED COVER PRIOR TO BEING TRAFFICKED OVER WITH SMALL EXCAVATORS OR BOBCAT

BACKFILL SUGGESTIONS/OPTIONS AROUND SIDES OF MODULAR UNIT:

- 100mm THICK SELECTED EXCAVATED MATERIAL IF SEEN SUITABLE BY THE SITE ENGINEER
- 100mm THK COARSE SAND OR CLASS 6H SELECTED GRANULAR MATERIAL
- BACKERBOARD HD (IS A PREMOULDED BOARD FOR USE AS PROTECTION AGAINST BACKFILL)

- INLET/OUTLET PIPES MUST BE SUPPORTED WITH CONCRETE FOR PROJECTION DURING BACKFILLING

SAFETY, HEALTH & ENVIRONMENT (SHE) INFORMATION

In addition to hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION
1. UNCHARTED SERVICES MAYBE PRESENT. KNOWN SERVICES ARE SHOWN ON THIS DRAWING.
2. DEEP EXCAVATION - CONTRACTOR TO HAVE APPROVED SAFE WORKING PRACTICES IN PLACE
3. WORKING OVER EX COAL MINES - COAL AUTHORITY REPORT TO BE USED AND CONTRACTOR TO HAVE SAFE WORK AND GROUND MONITORING METHODS IN PLACE.

MAINTENANCE / CLEANING
1. REFER TO

DECOMMISSIONING / DEMOLITION
1. REFER TO

200 0 200 400 600 800 1000
SCALE 1:20 mm

No	DATE	DRAWN	REV'D ENG.	AMENDMENT
C05	29.09.25	AP	AM	CONSTRUCTION RECORD
C04	14.08.24	JF	AM	STORAGE TANK TYPE AMENDED UPDATED TO SUIT
C03	22.02.24	JF	PB	CARPARK LEVELS LOWERED - DRAINAGE UPDATED TO SUIT
C02	14.11.23	JF	PB	CONSTRUCTION ISSUE
C01	23.10.23	JF	AM	CONSTRUCTION ISSUE
P03	25.08.23	JF	PR	STAGE 4 ISSUE
P02	25.07.23	JF	PR	AMENDED TO UU COMMENTS
P01	07.07.23	JF	PR	STAGE 4 ISSUE

STATUS: A6 — PURPOSE OF ISSUE: FINAL ISSUE

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RIDGE

CLIENT: ISG
PROJECT: VARLEY STREET, SEN SCHOOL
DRAFTER: JF | ENGINEER: PR

TITLE: PROPOSED DRAINAGE DETAILS SH4 ATTENUATION TANK

SCALE	SHEET	DRAWING No	REV
1:20	A1	VAR-RDG-XX-XX-DR-C-00508	C05