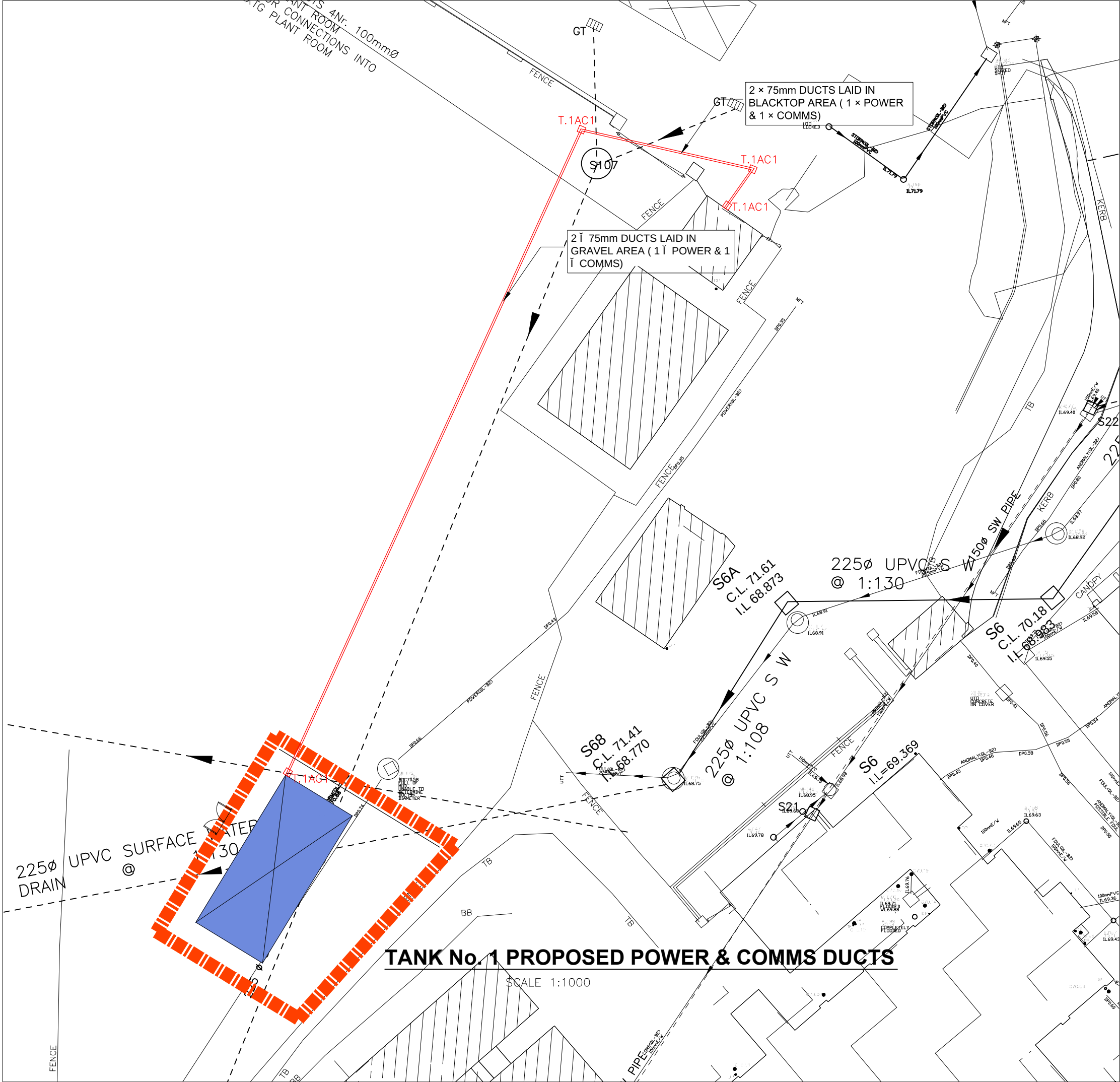
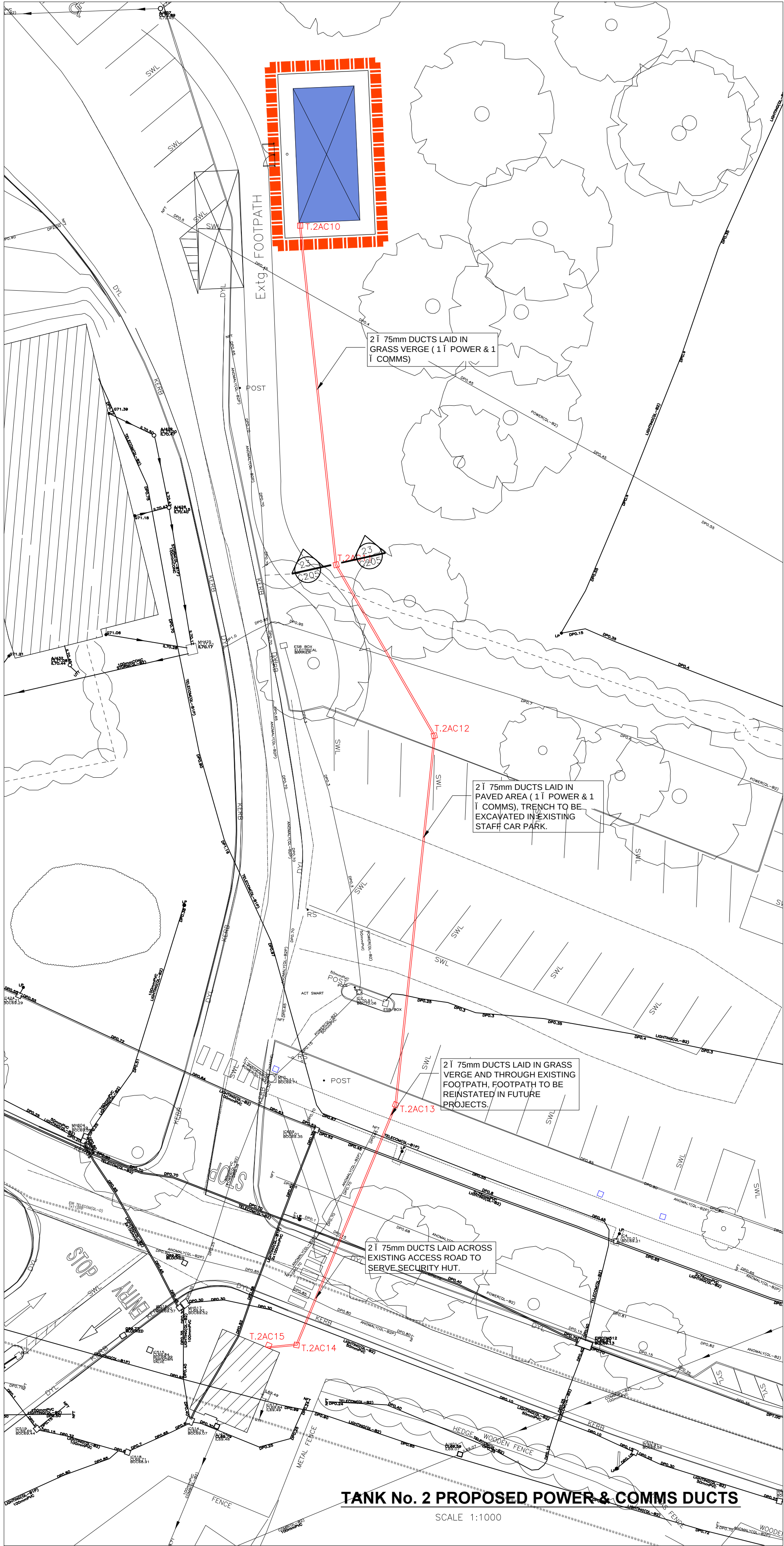
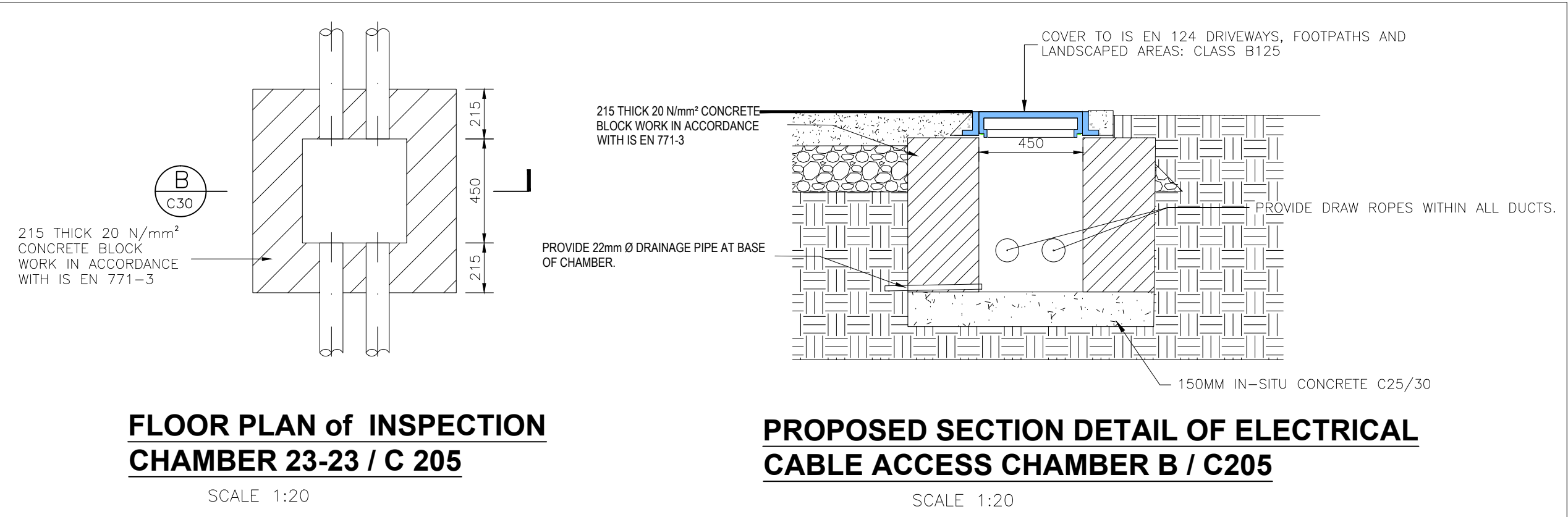




POWER / DATA TO EACH TANK / C205

1. Allow for 2 No. 100mm dia. UPVC ducts to each tank, complete with draw rope, marker/warning tape and access chambers, as indicated on the plan. Ducts shall comply with I.S. EN 50626-1:2023.
2. Existing blacktop shall be saw-cut to provide clean and straight edges prior to excavation.
3. Where proposed ducts cross or are in close proximity to existing underground services, all works shall be carried out in accordance with the HSA Code of Practice for Avoiding Danger from Underground Services and the requirements of the relevant utility/service provider.
4. Provide 2 No. vertical duct risers at each of the four terminal access chambers, for connection to Tank No. 1, Tank No. 2, Pump House and Security Hut, as indicated on the plan.
5. Provide continuous marker/warning tape above the ducts, not more than 300mm below finished ground level. Provide yellow warning tape marked 'ELECTRIC CABLE BELOW' above the power duct and green marker tape marked 'TELEPHONE CABLE BELOW' above the comms duct.
6. Duct trench backfilling and surface reinstatement shall be carried out in accordance with Drawing 21/C205 for gravel/grassed areas and Drawing 22/C205 for blacktop areas.
7. Where ducts are located within roads, footpaths or paved areas, backfill material shall comply with Concrete C16/ 20 of the National Roads Authority Specification for Road Works, and hardcore shall be compacted in accordance with Clause 802.
8. Following completion of the works, all disturbed concrete, asphalt and other surface finishes, including road markings, shall be fully reinstated to match the existing construction, finish and markings.
9. Allow for external-grade cabling to 2 No. light fittings at each tank.
10. Allow for signal/data cabling between the tank level alarm and the associated monitoring/control equipment in the Control Room.



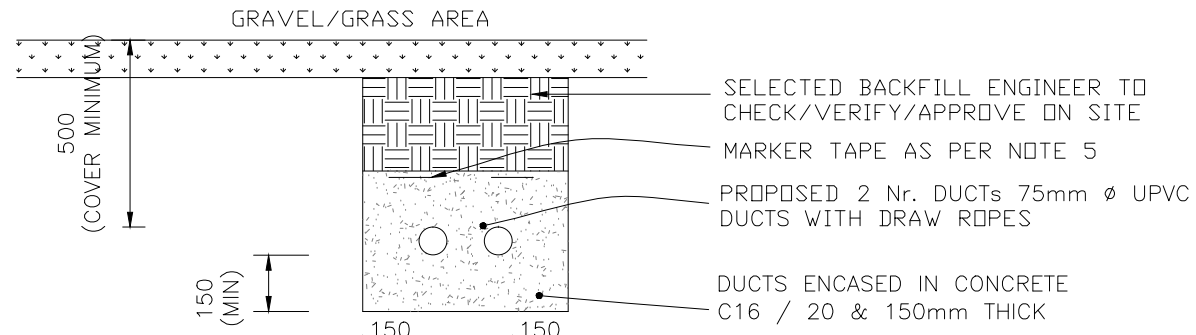
NOTES:
MOLONY MILLAR CONSULTING CIVIL & STRUCTURAL ENGINEERS
THIS DRAWING AND ANY DESIGN HEREON IS THE COPYRIGHT OF THE CONSULTANTS AND MUST NOT BE REPRODUCED WITHOUT THEIR WRITTEN CONSENT.

ALL DRAWINGS REMAIN THE PROPERTY OF THE CONSULTANTS.

FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
ALL DIMENSIONS TO BE CHECKED ON SITE.

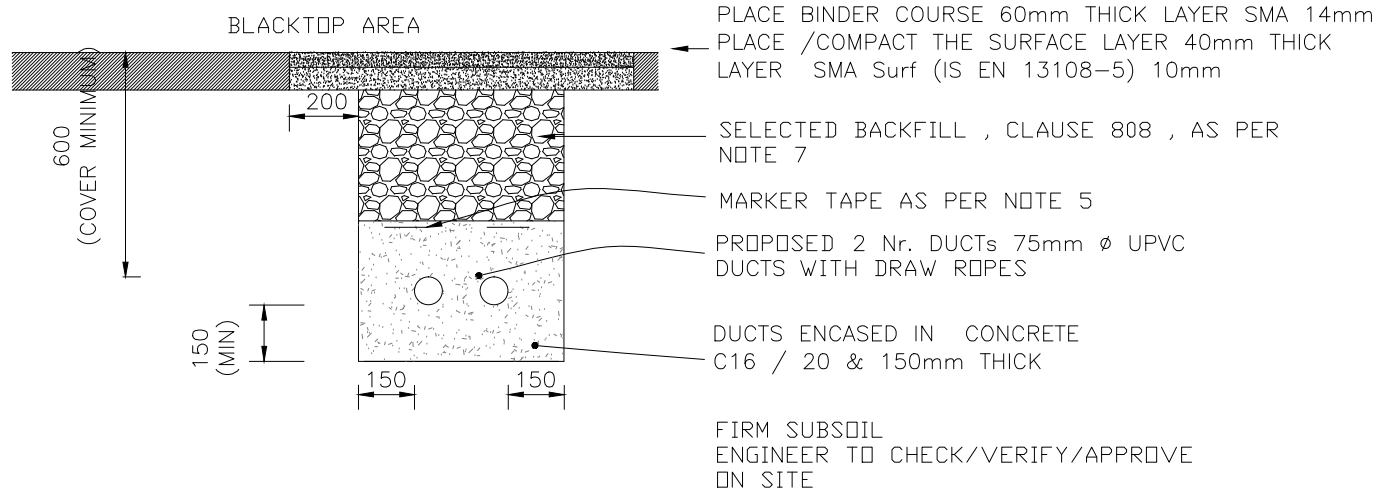
CONSULTANTS TO BE INFORMED OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

IN THE CASE OF NON METAL PIPE MATERIAL, THE MARKER TAPE SHOULD INCORPORATE A TRACE WIRE WHICH IS LINKED TO FITTINGS



DETAIL SECTION 21 / C205
in GRAVEL/GRASS AREA (showing DUCTS)

SCALE 1:20



DETAIL SECTION 22 / C205
in BLACKTOP AREA (showing DUCTS)

SCALE 1:20

Rev	Date	Description	By	Chkd
Client NATIONAL ORTHOPAEDIC HOSPITAL CAPPAGH (NOHC), FINGLAS, DUBLIN 11				
Project Title Proposed two number above ground static Firefighting water storage tanks Construction				
Drawing Title Proposed Tanks Nr.1 & 2 Power & Comms Ducts				
Architect - - -				
Scale	As noted @ A1	Date	Aug2026	
Drawn by		Chkd by	sr	
Cad File: S:\900\989-81A\Civil				
Drawing Status	Job Number	Drawing Number	Revision	
Tender	989-81.B	C205	*	

MOLONY MILLAR
Consulting Civil and
Structural Engineers

Riverbank House
Ballyboden Road
Rathfarnham
Dublin 14
Ireland

Tel (353-1) 4930211

email info@molonymillar.ie
Web www.molonymillar.ie

