



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3773a - KINGS CHRISTIAN COLLEGE - CHAMBERS FLAT, MIDDLE SCHOOL CHA17 - DEMOUNTABLE CLASSROOMS

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

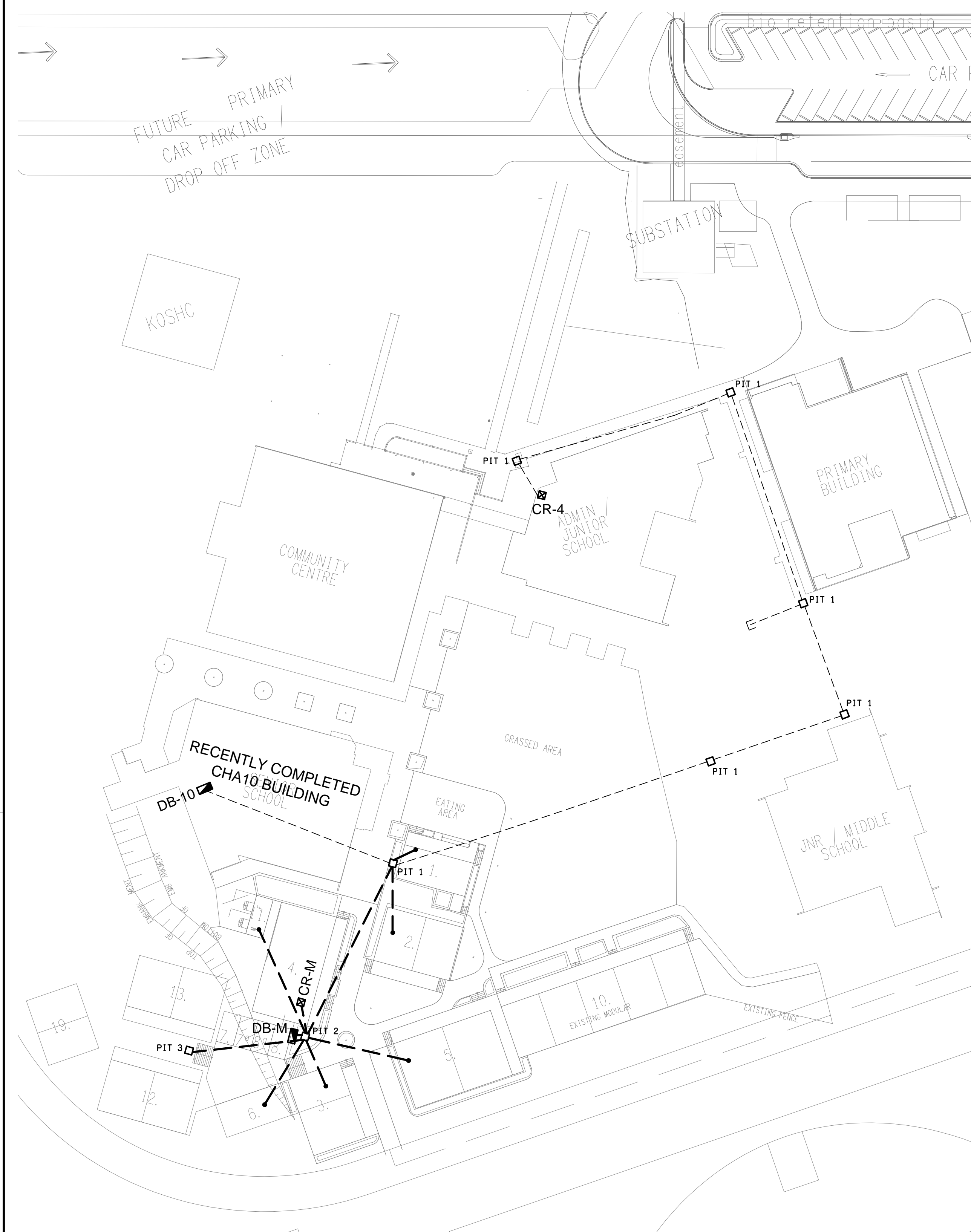
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REVISION A - 07 MAY 2026

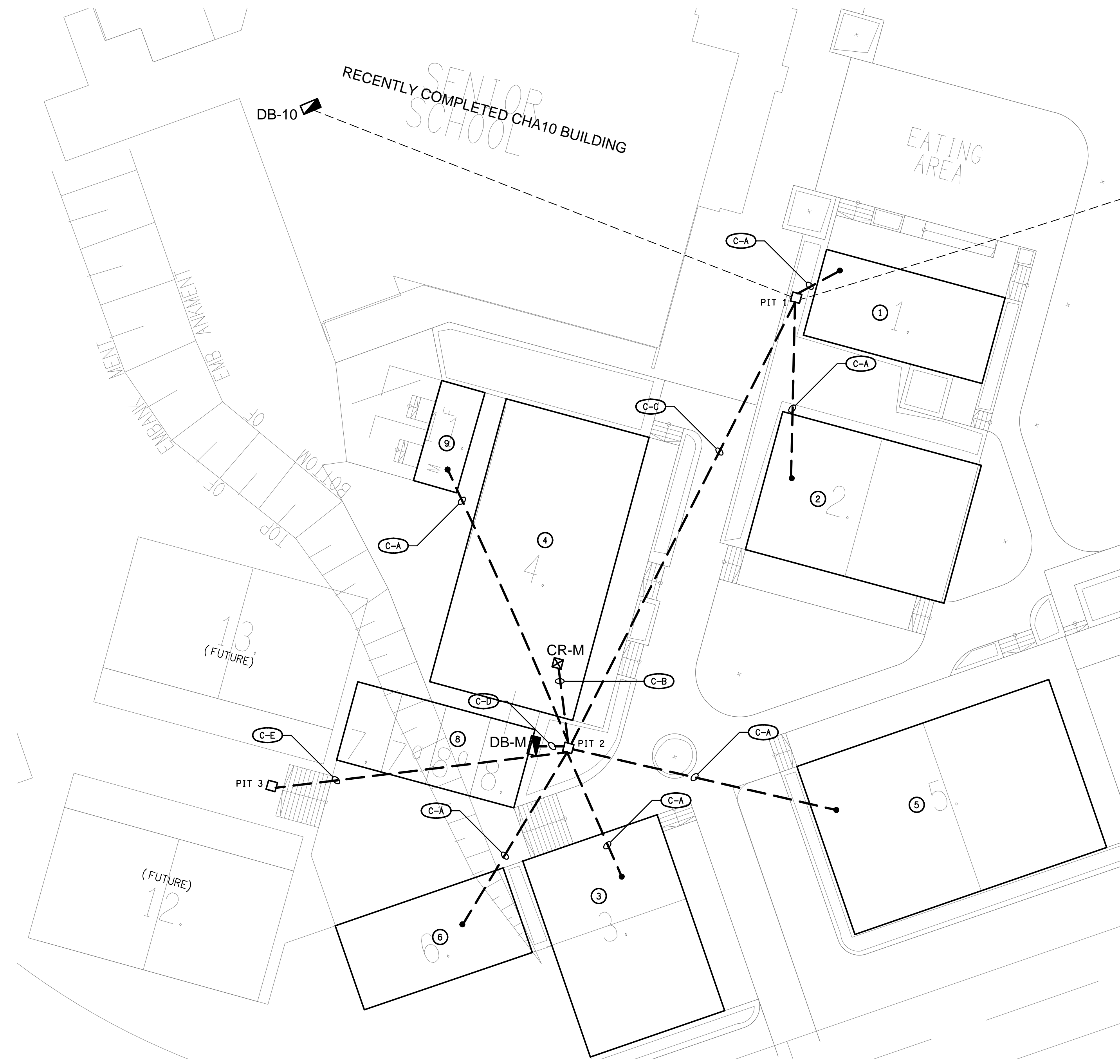
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DOCUMENTS					REVISION									
C3773a-E01.dwg	SITE PLAN				A									
C3773a-0001.xls	CONTRACT DOCUMENT SCHEDULE				A									



SITE PLAN
DEMOUNTABLE CLASSROOM WORKS
SCALE 1: 500



DETAILED SITE PLAN
DEMOUNTABLE CLASSROOM WORKS
SCALE 1: 200

SCOPE

--- EXISTING CONDUIT

- C-A** CA NEW POWER AND COMMUNICATIONS CONDUITS FROM THE PIT TO THE DEMOUNTABLE BUILDING.
- C-B** CB NEW POWER CONDUIT FROM THE PIT TO THE DEMOUNTABLE BUILDING AND FOUR 50 DIA COMMUNICATIONS CONDUITS FROM THE PIT TO CR-M.
- C-C** CC NEW 100 DIA POWER CONDUIT AND 2 X 50 DIA AND COMMUNICATIONS CONDUITS INTERCONNECTING THE PITS.
- C-D** CD NEW 3 X 100 DIA POWER CONDUITS FROM THE PIT TO DB-M AND A COMMUNICATIONS CONDUIT FROM THE PIT TO THE DEMOUNTABLE BUILDING.
- C-E** CE NEW 100 DIA POWER CONDUIT AND 2 X 50 DIA AND COMMUNICATIONS CONDUITS INTERCONNECTING THE PITS.

CR-4 ☒ CR-4 EXISTING COMMUNICATIONS RACK TO BE UPGRADED AS NECESSARY TO ACCOMMODATE A NEW 12 CORE OS2 FIBRE CABLE FULLY TERMINATED WITH LC CONNECTORS TO CR-M.

CR-M ☒ CR-M NEW WALL MOUNTED COMMUNICATIONS RACK 600 DEEP 22 RU TO SERVICE THE CURRENT AND FUTURE DEMOUNTABLE BUILDINGS VIA UNDERGROUND CAT 6 CABLING.

DB-10 ☒ DB-10 EXISTING BUILDING 10 MAIN DISTRIBUTION BOARD TO BE PROVIDED WITH A NEW 100 AMP 3 PHASE MCCB TO SUPPLY DB-M VIA A NEW 4 X 1C 150mm FLEX A1 XLPE/PVC + 25mm A1 E UNDERGROUND SUBMAIN.

SCOPE

DB-M ☒ DB-M IP66 LOCKABLE WALL MOUNTED BOTTOM ENTRY DISTRIBUTION BOARD C/W 100 AMP THREE PHASE NON AUTO LOAD BREAK MAIN SWITCH, AND A 250 AMP 3 PHASE 48 POLE VERTICAL DIN CHASSIS. PROVIDE A 1,000 WIDE X 1,200 DEEP X 100 THICK REINFORCED BROOM FINISHED CONCRETE SLAB IN FRONT OF DB-M.

PROVIDE THE POWER SUPPLIES TO DEMOUNTABLE BUILDINGS 1 AND 2 FROM THE BUILDING 10 POWER DISTRIBUTION BOARD.

PIT 1 ☐ PIT 1 EXISTING POWER AND COMMUNICATIONS PITS.

PIT 2 ☐ PIT 2 NEW POWER AND COMMUNICATIONS PITS LOCATED WITHIN THE GARDEN.

PIT 3 ☐ PIT 3 NEW POWER AND COMMUNICATIONS PITS C/W A REINFORCED 300 WIDE X 100 THICK BROOM FINISHED CONCRETE SURROUND AROUND BOTH PITS.