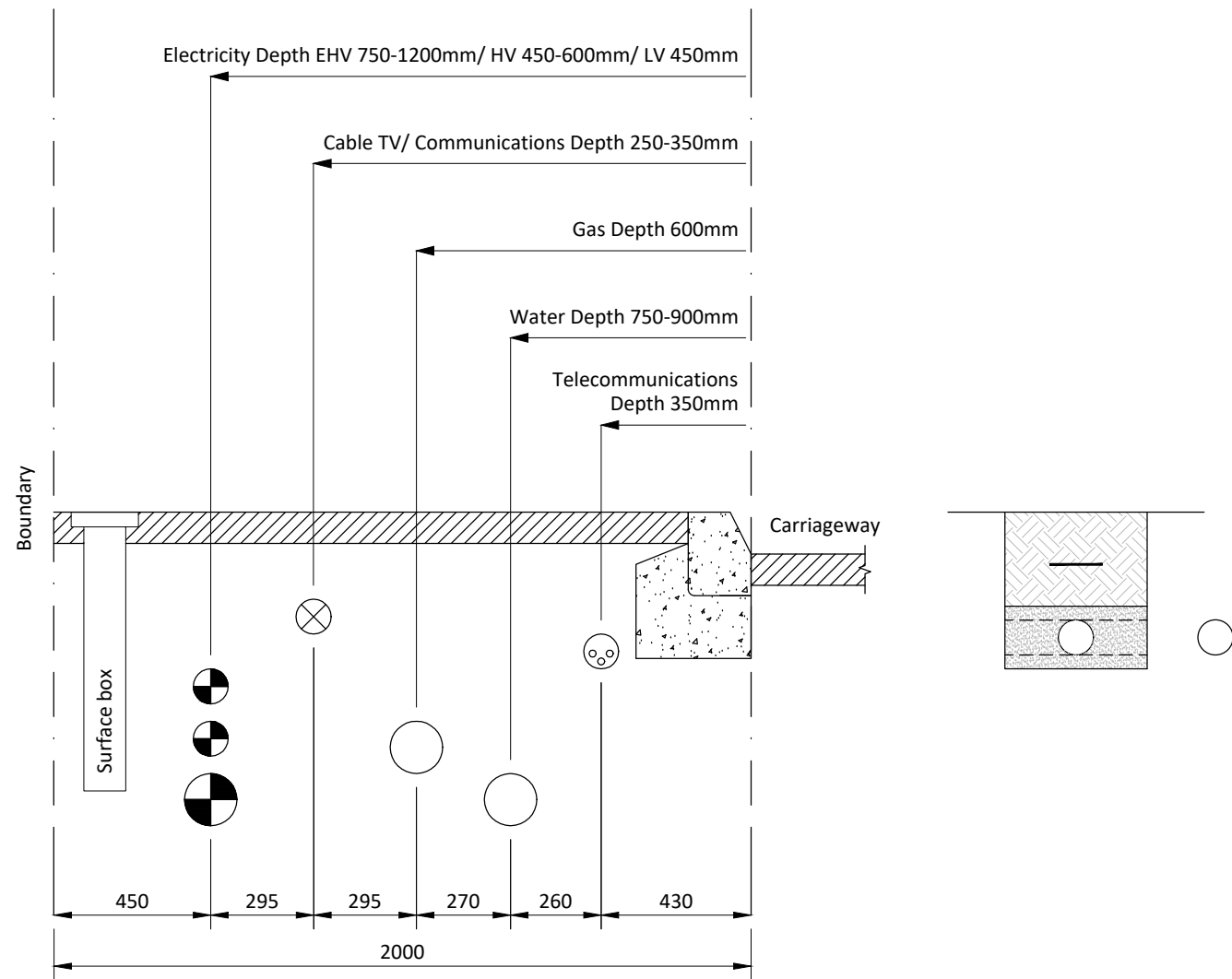
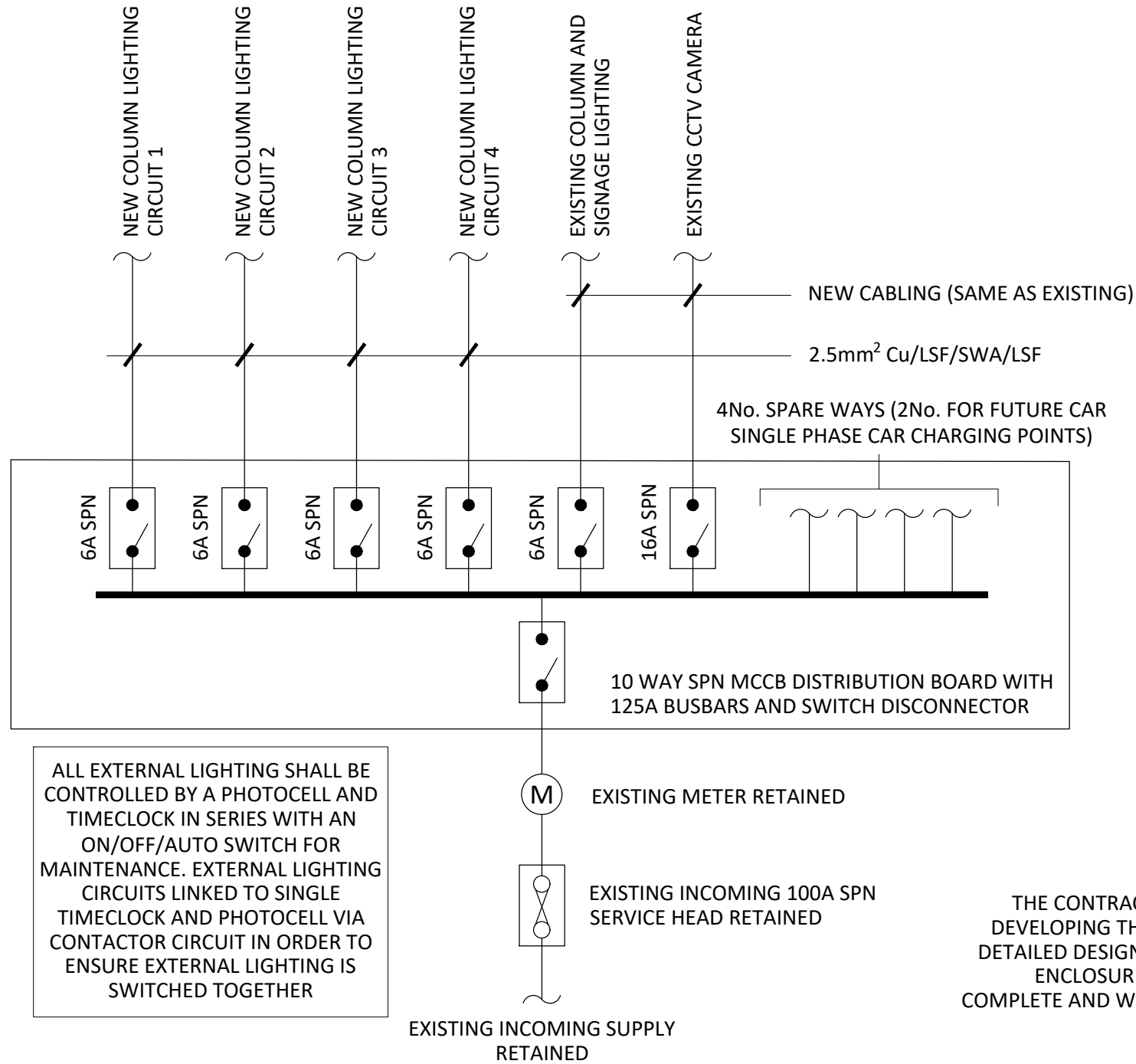


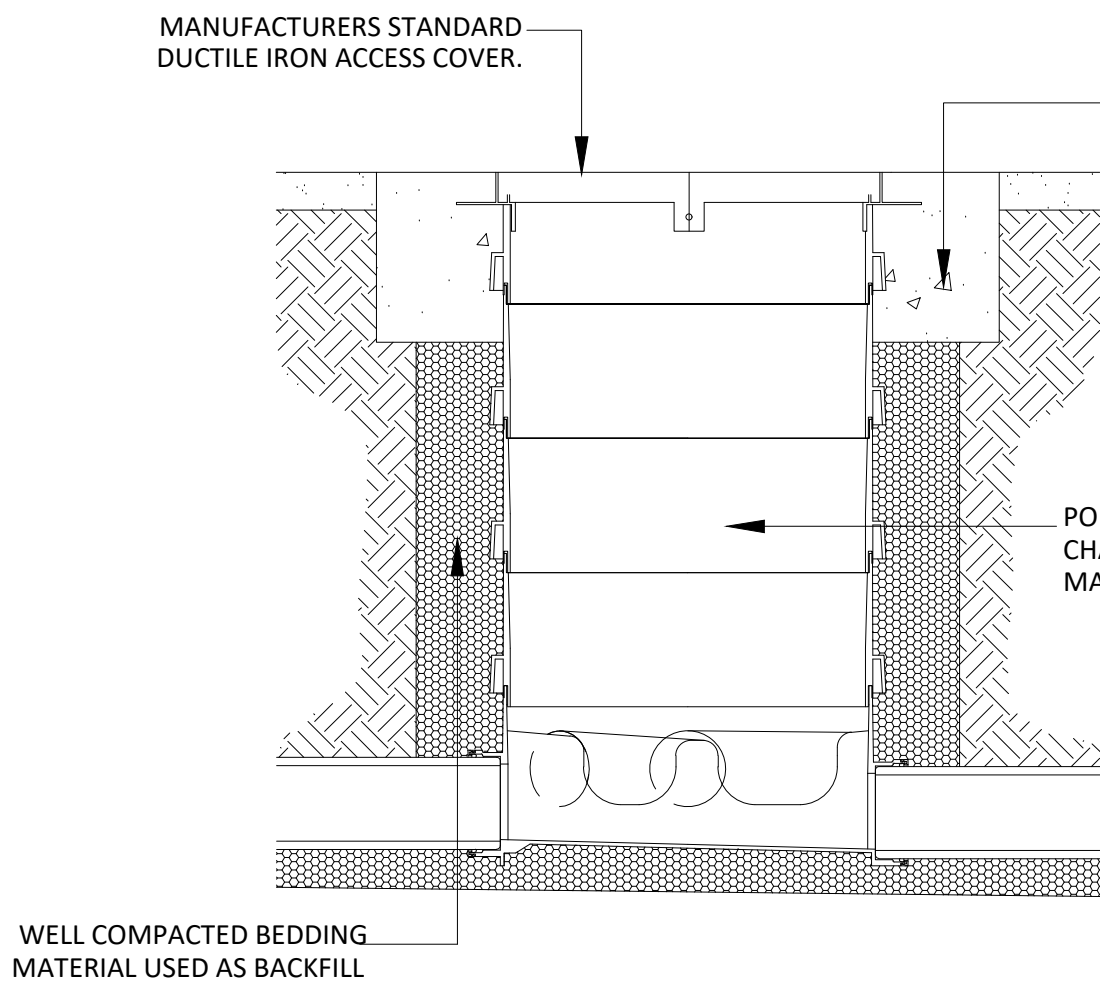


SERVICES TRENCH
ARRANGEMENT DETAIL

Scale 1:20



LV ELECTRICAL SCHEMATIC
N.T.S



STANDARD POLYPROPYLENE INSPECTION
CHAMBER INSTALLATION DETAIL

N.T.S

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING THE DESIGN AND COMPLETING THE DETAILED DESIGN OF THE GRP EXTERNALLY RATED ENCLOSURE. FINAL RESPONSIBILITY FOR THE COMPLETE AND WORKING SYSTEM RESTS WITH THE CONTRACTOR

EXISTING ELECTRICAL INTAKE LOCATION AND METER RETAINED WITH NEW GRP EXTERNALLY RATED ENCLOSURE, 80A SPN SWITCH FUSE AND 10 WAY SPN DISTRIBUTION BOARD. ALL EXTERNAL LIGHTING LINKED TO NEW TIMECLOCK AND PHOTOCELL IN SERIES WITHIN ENCLOSURE

ALL CABLING AND DUCTING FROM EXISTING INTAKE LOCATION TO BE INSTALLED AS PER ARBORICULTURAL METHOD STATEMENT AND UNDER ARBORICULTURAL SUPERVISION

NEW INSPECTION CHAMBER TO ALLOW DUCTING FROM DISTRIBUTION BOARD TO PIT TO BE INSTALLED/COMPLETED, THEN AREA CLOSED OFF AS PER ARBORICULTURAL METHOD STATEMENT

LUMINAIRE SCHEDULE

REFERENCE	MODEL	DETAILS	OUTPUT (W)	IMAGE
L1	WHITECROFT LIGHTING - SIROCCO PARK LED	4M HIGH COLUMN AND COLUMN MOUNTED LUMINAIRE - POST TOP MOUNTED, 4000K, IP66 RATED.	52	
L2	WHITECROFT LIGHTING - CYGNUS ST	4M HIGH COLUMN AND COLUMN MOUNTED LUMINAIRE - POST TOP MOUNTED, 4000K, IP65 RATED.	43.5	

ALL LUMINAIRES SHALL BE OF ROBUST ANTI-VANDAL CONSTRUCTION

Legend:

- NEW Ø90mm RIGID DUCTING
- NEW BURIED CABLING
- TIMECLOCK AND PHOTOCELL IN SERIES WITH ON / OFF AUTO SWITCH IN ELECTRICAL INTAKE ENCLOSURE
- LUMINAIRES. FOR MORE INFORMATION REFER TO LUMINAIRE SCHEDULE
- FUTURE LOCATION OF ELECTRIC CAR CHARGING POINT
- NEW IP65 RATED 10 WAY SPN DISTRIBUTION BOARD

Notes:

- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S STRUCTURAL ENGINEERS AND M&E DRAWINGS AND THE M&E SPECIFICATION, SAMPLES SHEET AND ROOM DATA SHEETS.
- ALL ITEMS OF EQUIPMENT SHALL BE INSTALLED AS TO THE MANUFACTURERS RECOMMENDATIONS.
- ALL LIGHTING COLUMNS AND BOLLARDS SHALL BE WIRED WITH BURIED LSF SHEATHED STEEL WIRED ARMoured CABLES AT 450mm DEEP. ALL CABLING TO BE INSTALLED AS TIGHT AS POSSIBLE TO PATH CURB TO MINIMISE IMPACT ON TREE ROOT PROTECTION ZONE.
- CONTRACTOR TO ENSURE TRENCHES ARE FREE FROM SHARP STONES OR DEBRIS, LAY A MARKER TAPE ABOVE ALL BURIED CABLES AND DUCTS.
- CONTRACTOR TO PROVIDE DUCTING WHERE CABLES RUN UNDER ROAD AND CAR PARK.
- ALL EXTERNAL LIGHTS SHALL BE WIRED FROM THE EXTERNAL DISTRIBUTION BOARD WHICH SHALL INCORPORATE TRANSIENT VOLTAGE SURGE SUPPRESSION.
- THE WHOLE ELECTRICAL INSTALLATION SHALL COMPLY WITH BS 7671: 2008 (IET 17th EDITION) AND SUBSEQUENT AMENDMENTS.
- THE LIGHTING INSTALLATION SHALL COMPLY WITH; SLL CODE FOR LIGHTING, SLL LIGHTING GUIDE 2: EDUCATION, BS 5489-1:2013 CODE FOR PRACTICE FOR DESIGN OF ROAD LIGHTING, BS 8300.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING THE DESIGN AND COMPLETING THE DETAILED DESIGN OF THE GRP EXTERNALLY RATED ENCLOSURE. FINAL RESPONSIBILITY FOR THE COMPLETE AND WORKING SYSTEM RESTS WITH THE CONTRACTOR.

T2	DMS	DMS	JGT	14.11.17	INSPECTION CHAMBER DETAIL ADDED.
T1	DMS	DMS	JGT	30.10.17	FOR TENDER.
Rev	By	Chkd	Aprvd	Date	Description
					Client

LEIGHTON PARK
SCHOOL

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Project

LEIGHTON PARK SCHOOL
GROVE HOUSE
CAR PARK

Drawing Status

PRELIMINARY

Drawn by: DMS	Date: 24.10.17	Drawing Scale:
Checked by: DMS	Date: 24.10.17	1:100
Approved by: JGT	Date: 24.10.17	at A1
Drawing		

EXTERNAL SERVICES
LAYOUT - GROVE HOUSE
CAR PARK

Drawing No.	Revision
446ELPdm / P30 / 803	T2