

DO NOT SCALE

THIS DRAWING IS BASED ON ARCHITECT'S DRG. No.

1847NES-202-P2

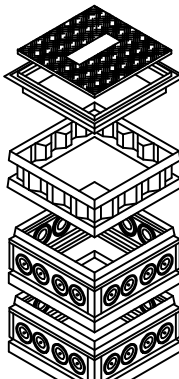
ASSOCIATED DRAWINGS

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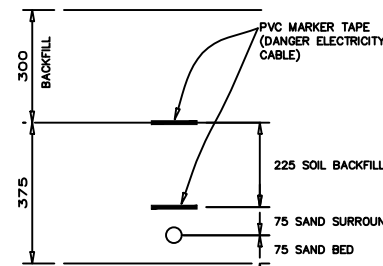
EXTERNAL SERVICES LAYOUT
MAIN DISTRIBUTION DIAGRAM
LIGHTING LAYOUT
POWER AND ANCILLARY SERVICES LAYOUT
FIRE ALARM LAYOUT
ELECTRICAL DISTRIBUTION ASSOCIATED WITH MECHANICAL SERVICES
WIRING SCHEMATIC FOR EMERGENCY LIGHTING LAYOUT
ARRANGEMENT OF ELECTRICAL CONTROLS
STRUCTURED CABELLING AND TELEPHONE REQUIREMENTS
MECHANICAL SERVICES SCHEMATIC
MECHANICAL SERVICES LAYOUT
MECHANICAL SERVICES AMENITIES AREA
PLANT / BOILER ROOM LAYOUT
LAYOUT OF HEATING AND VENTILATION CONTROL PANEL
SUMP PUMP INSTALLATION DETAILS
UNDERFLOOR HEATING LAYOUT

NOTES

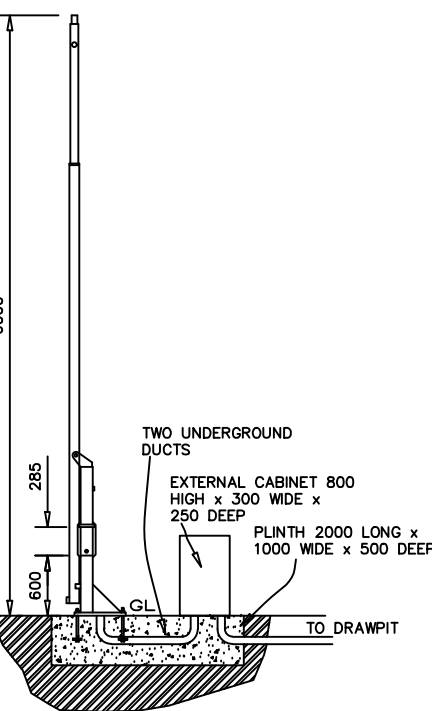
- WHERE CABLES ARE RUN BENEATH ROADWAYS, VEHICULAR CROSSOVERS, TARMAC OR CONCRETE AREAS ETC. THEY SHALL BE RUN WITHIN RIGID DUCT TO ENATS 12-24 OR EQUAL AND APPROVED (100Ø MIN).
- ADDITIONAL RIGID DUCT ACROSS ENTRANCE/HARDSTANDING AREAS etc, COMPLETE WITH NYLON DRAW ROPE TO ALLOW FOR POSSIBLE FUTURE USE (100mm DIA MIN). WHERE DUCTS ARE INSTALLED FOR FUTURE USE (ROAD CROSSOVERS, REMOTE CCTV TOWERS etc), EACH END OF THE DUCT AND DRAW ROPE SHALL BE SUITABLY LABELLED TO INDICATE ITS PURPOSE.
- THE CONTRACTOR IS TO NOTE THAT THE LIGHTING COLUMNS SHALL BE LOCATED WITHIN THE LANDSCAPED AREAS AND THAT GENERALLY A GAP OF 500mm MUST BE MAINTAINED BETWEEN THE COLUMNS AND THE CAR PARKING BAYS. SHOULD SITE CONDITIONS PROHIBIT THIS DISTANCE CLARIFICATION MUST BE SOUGHT FROM THE ELECTRICAL ENGINEER.
- ALL 12No. COLUMNS ARE TO BE HEAVY DUTY TYPE. CONTRACTOR TO EMPHASISE THIS REQUIREMENT ON HIS ORDER TO THE SPECIALIST MANUFACTURER. NOTE ALL COLUMNS WILL BE GALVANIZED (NOT PAINTED).
- ALL CAR PARK COLUMNS ARE TO BE 6m 'PLANTED ROOT'.
- DUE TO LOCAL GROUND CONDITIONS AND WIND LOADINGS THE 'STANDARD LIGHTING COLUMN BASE' DOES NOT APPLY, PLEASE REFER TO THE STRUCTURAL ENGINEERS FOR THE EXACT REQUIREMENTS OF THE COLUMN BASE.
- LOCATION OF PEDESTRIAN QUALITY DRAWPIT (600x600) TO BE PROVIDED. TO BE AS MANUFACTURED BY IDS, THEIR PREFORMED ACCESS CHAMBER SYSTEM COMPLETE WITH ANTI-SLIP B125 COMPOSITE COVER AND UNIVERSAL FRAME OR EQUAL AND APPROVED.
- LOCATION OF VEHICULAR QUALITY (HEAVY DUTY 600x600) DRAWPIT. TO BE AS MANUFACTURED BY IDS, THEIR PREFORMED ACCESS CHAMBER SYSTEM, COMPLETE WITH DUCTILE IRON C250 FRAME AND COVER TO BS EN124 OR EQUAL AND APPROVED.
- THE DUCTS FROM THE PLANT ROOM TO THE FIRST DRAW PIT SHALL BE 150Ø FROM THE FIRST DRAW PIT ONWARDS 100Ø ARE ACCEPTABLE.
- CERTAIN COLUMNS MAY REQUIRE TO BE PROTECTED BY 'HOOPS'. REFER TO ARCHITECT FOR LOCATION/QUANTITY.



TYPICAL DRAW PIT DETAIL
SCALE N.T.S.



SECTION THROUGH TRENCH FOR
ELECTRICITY CABLES
SCALE 1:20

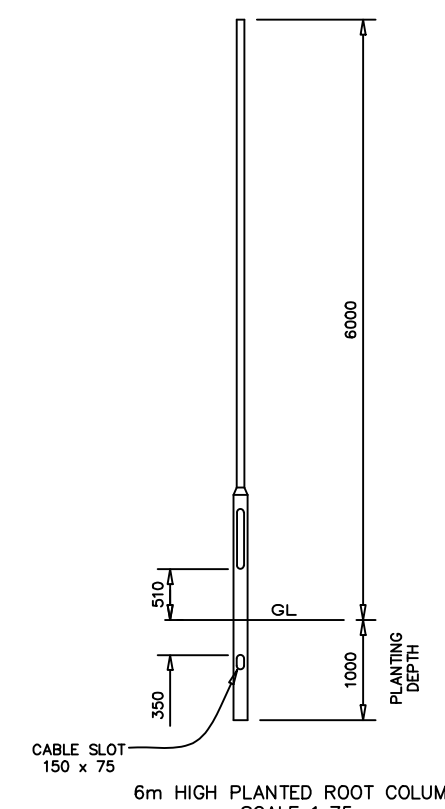
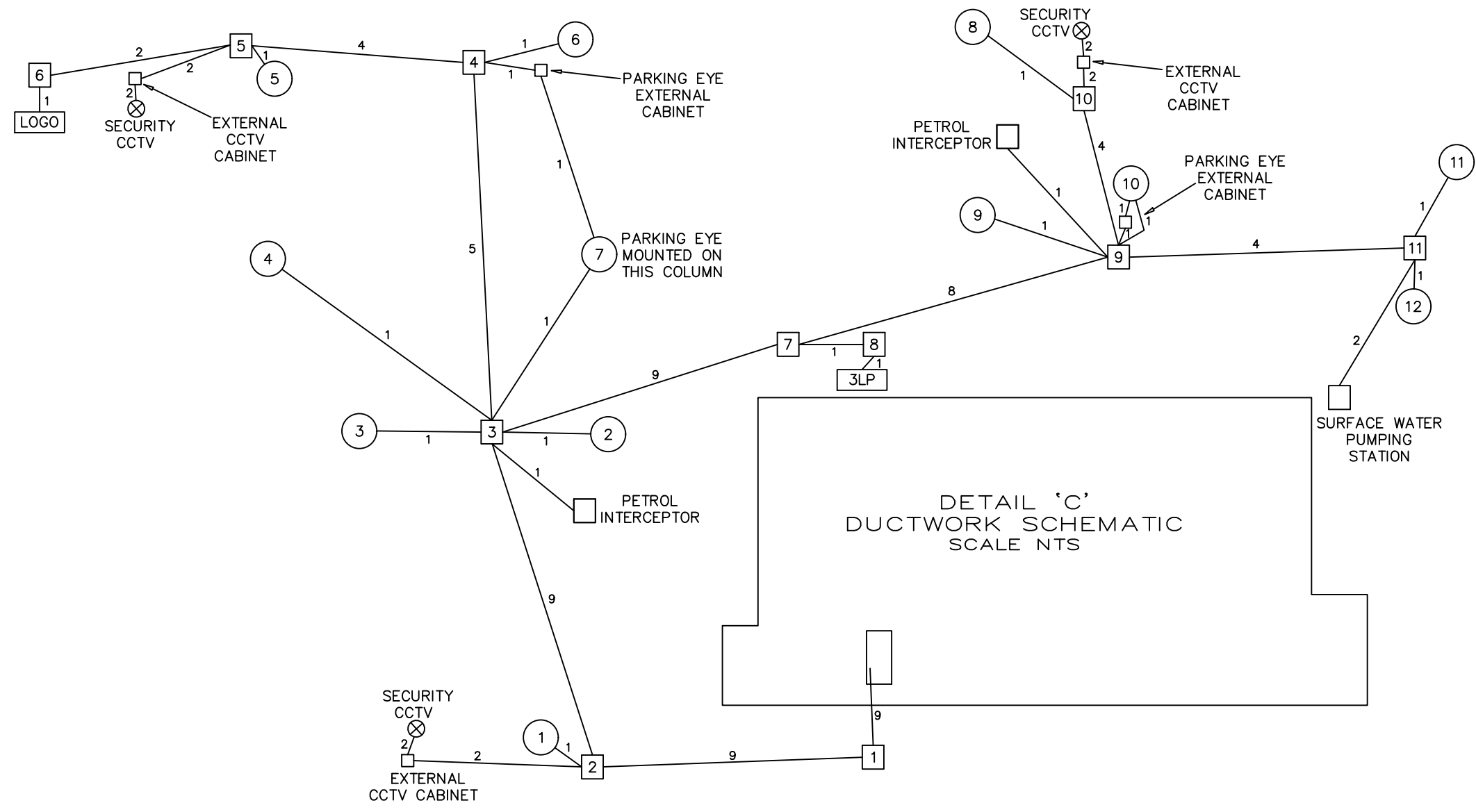
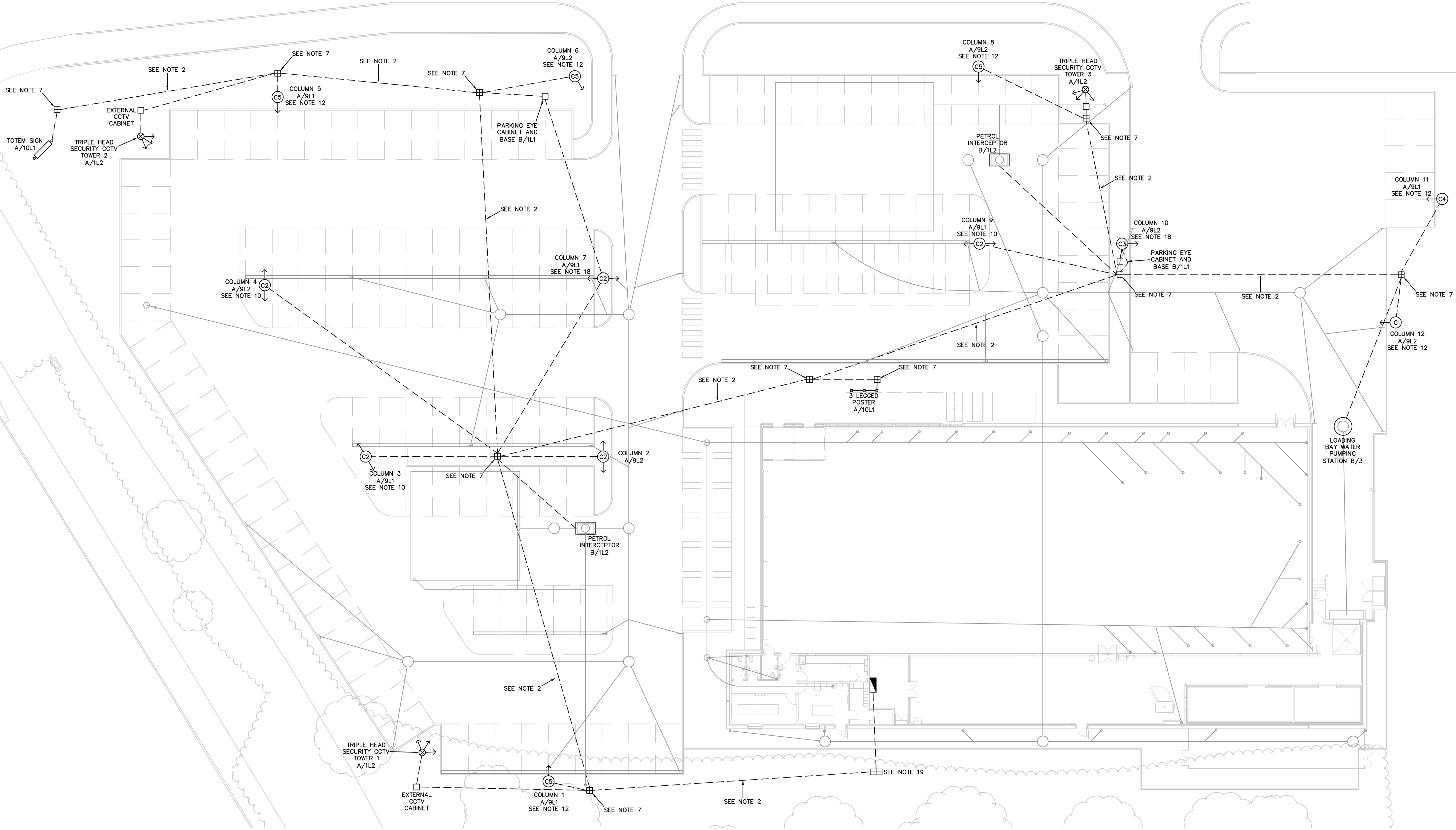


CCTV CAMERA COLUMN
SCALE 1:75

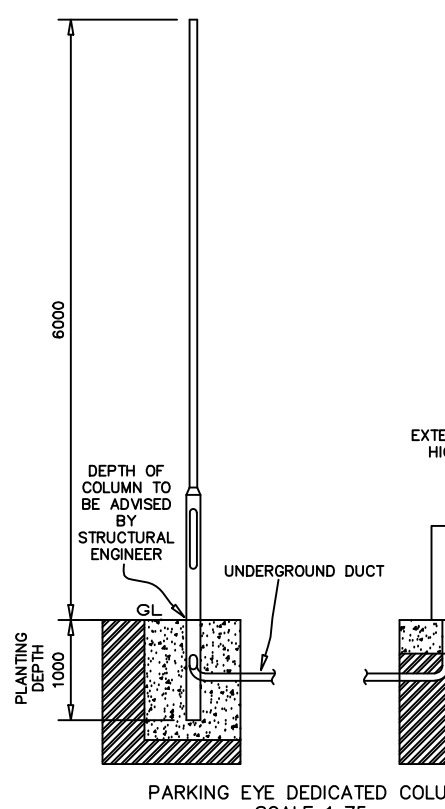
LEGEND

- MAIN DISTRIBUTION PANEL
- SINGLE HEAD 6m COLUMN MOUNTED LUMINAIRE HOLOPHANE FTS1.L094.FW+BLS
- DOUBLE HEADED (180°) 6m COLUMN MOUNTED LUMINAIRE HOLOPHANE FTS1.L094.FW
- SINGLE HEAD 6m COLUMN MOUNTED LUMINAIRE HOLOPHANE FTS1.L094.AY
- SINGLE HEAD 6m COLUMN MOUNTED LUMINAIRE HOLOPHANE FTS1.L094.FW+BLS
- SINGLE HEAD 6m COLUMN MOUNTED LUMINAIRE HOLOPHANE FTS1.L094.AY+BLS
- LOCATION OF POST MOUNTED ILLUMINATION SIGN. CABLE TO 'LOGO' TO BE 4mm² PVC/SWA/PVC
- LOCATION OF DRAWPIT
- RIGID DUCT 100 DIAMETER MIN
- TRIPLE HEAD CAR PARK CCTV

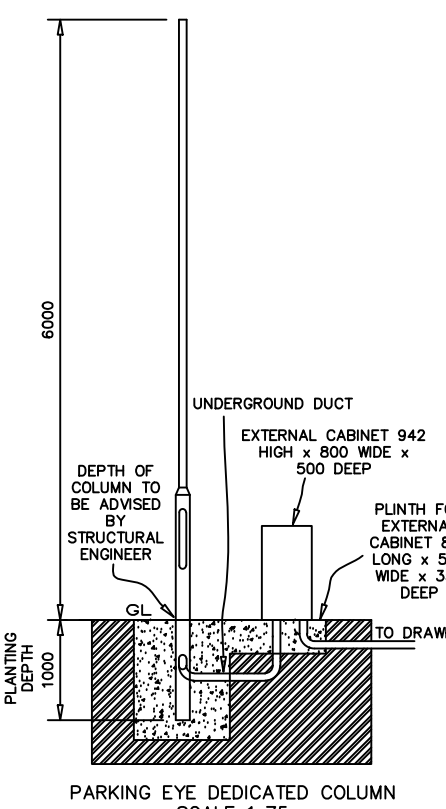
- ALLOW FOR SWA CABLE AND DUCTING TO BE RUN INTO COLUMN BASE TO SUPPLY FUTURE LOGO SIGN. INCLUDE FOR SUPPLY AND INSTALLATION OF CUT-OUT.
- ALL OF THESE 'C' TYPE LUMINAIRES ARE TO BE COMPLETE WITH 500x500 EXTERNAL REAR SHIELDS.
- THE DUCTWORK SCHEMATIC INDICATES THE OUTGOING DUCTS. REFER TO ARCHITECTS DRAWINGS FOR INCOMING DUCTS FOR ELECTRIC, TELECOM AND WATER.
- THE CONSTRUCTION MANAGER TO NOTE THAT THE QUANTITY OF DUCTS IS TO BE AS INDICATED ON DETAIL 'C' - DUCTWORK SCHEMATIC.
- LOCATION OF THE PETROL INTERCEPTORS TO BE AS DRAINAGE SCHEME AS DETAILED ON SWF DRAWINGS No. 8718/D/103/P1 & 8718/D/104/P1.
- LOCATION FOR FUTURE 'PARKINGEYE' SERVER CABINET. CABINET DIMENSIONS ALLOWED AS 730x300x905 HIGH.
- TRADE CONTRACTOR TO ALLOW FOR PROVISION OF A POWER SUPPLY, ON CCT B/L1, TO THE FUTURE PARKINGEYE EXTERNAL CABINETS. WIRING FROM SERVICE CABINET TO BE BY PARKINGEYE CCTV SPECIALIST.
- IN THE EVENT OF ALDI DECIDING TO PROCEED WITH A PARKINGEYE EXTERNAL CCTV SYSTEM TO THE CAR PARK, THEN THE CAMERAS SHALL BE MOUNTED ON 2No. LIGHTING COLUMNS WHICH SHALL BE PROVIDED BY THE ELECTRICAL TRADE CONTRACTOR. THE EXACT LOCATION OF THE COLUMNS IS TO BE AGREED WITH PARKINGEYE, FOR TENDER PURPOSES ASSUME THE DEDICATED/LIGHTING COLUMN POSITIONS SHOWN.
- LOCATION OF PEDESTRIAN QUALITY DRAWPIT (1020x600) TO BE PROVIDED. TO BE AS MANUFACTURED BY IDS, THEIR PREFORMED ACCESS CHAMBER SYSTEM COMPLETE WITH ANTI-SLIP B125 COMPOSITE COVER AND UNIVERSAL FRAME OR EQUAL AND APPROVED. ALTERNATIVELY A 1200x600 BRICK BUILT DRAW PIT (INCLUDE AT TENDER FOR THE MORE EXPENSIVE OPTION).
- EXACT LOCATIONS FOR THE EXTERNAL CCTV LOCATIONS TO BE AGREED WITH THE CONSULTING ENGINEER PRIOR TO INSTALLATION.
- PROVIDE 2No. BASES FOR EXTERNAL PARKINGEYE CABINETS 942x800x500 HIGH WITH CENTRAL 2No. DUCTS.
- PROVIDE 3No. BASES FOR SECURITY CCTV CABINETS 2000x1000x500 HIGH WITH CENTRAL 2No. DUCTS.



6m HIGH PLANTED ROOT COLUMN
SCALE 1:75



PARKING EYE DEDICATED COLUMN
SCALE 1:75



PARKING EYE DEDICATED COLUMN
SCALE 1:75