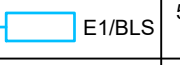
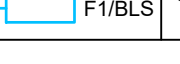
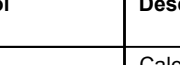
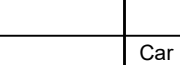
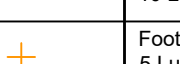
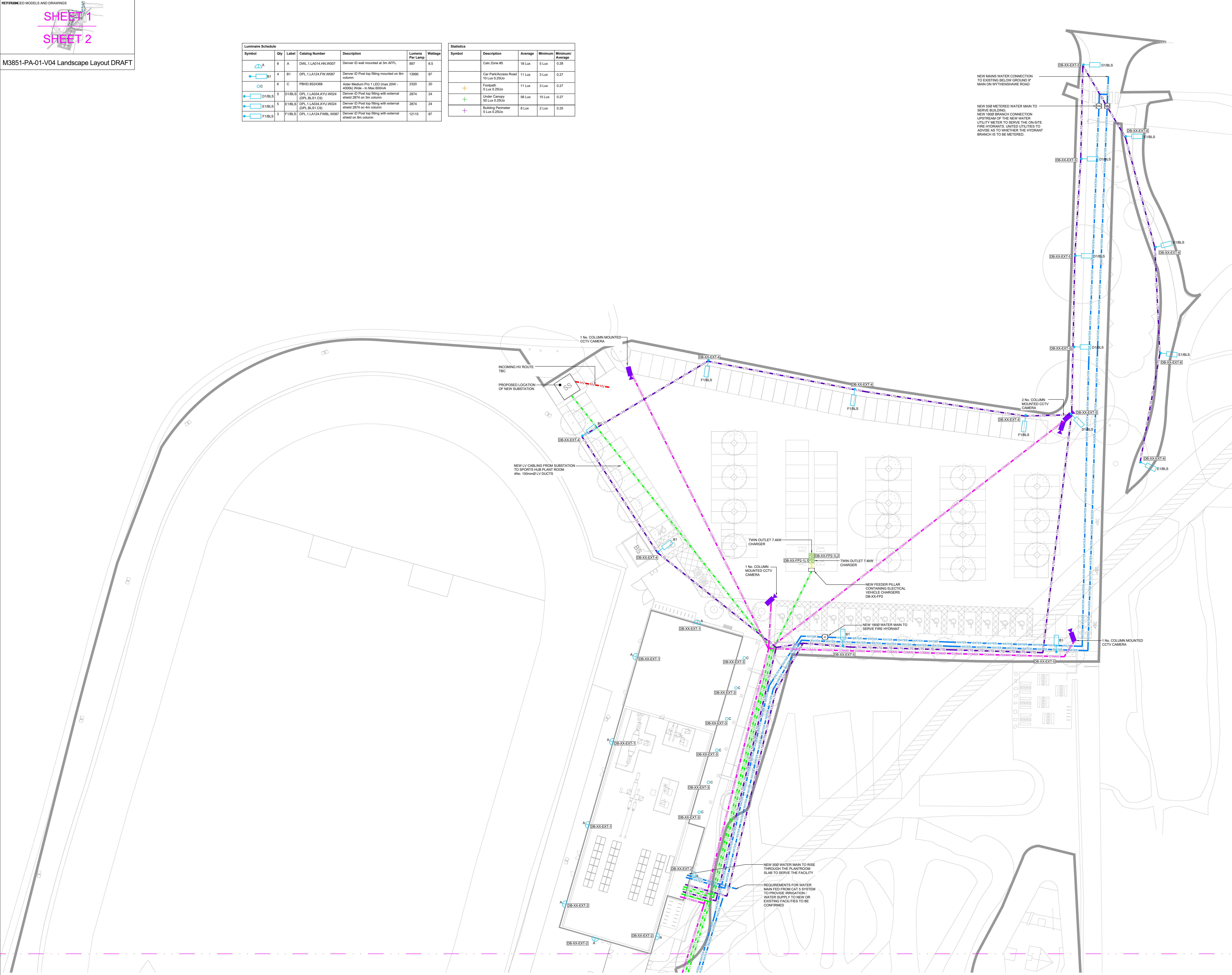


Luminaire Schedule					
Symbol	Qty	Label	Catalog Number	Description	Lumens Per Lamp Wattage
	8	A	DWL1.LA014.HN.V007	Denver ID wall mounted at 3m AFFL	897 6.5
	4	B1	DPL1.LA124.FW.V007	Denver ID Post top fitting mounted on 8m column	13990 87
	6	C	PBH0.8524368	Aster Medium Pro 1 LED (max 20W - 4000k) Wide - In Max 600mA	2320 20
	5	D1BLS	DPL1.LA034.AYU.W024 (DPL.BLS1.C9)	Denver ID Post top fitting with external shield 2874 on 3m column	2874 24
	5	E1BLS	DPL1.LA034.AYU.W024 (DPL.BLS1.C9)	Denver ID Post top fitting with external shield 2874 on 4m column	2874 24
	3	F1BLS	DPL1.LA124.FWBL.V007	Denver ID Post top fitting with external shield on 8m column	12115 87

Statistics				
Symbol	Description	Average	Minimum	Minimum/Average
	Calc Zone #5	18 Lux	5 Lux	0.28
	Car Park/Access Road 10 Lux @ 250u	11 Lux	3 Lux	0.27
	Footpath 5 Lux @ 250u	11 Lux	3 Lux	0.27
	Under Canopy 60 Lux @ 250u	56 Lux	15 Lux	0.27
	Building Perimeter 5 Lux @ 250u	8 Lux	2 Lux	0.25



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VERIFY ALL DIMENSIONS AND STRUCTURAL DETAILS ON SITE.
IF IN DOUBT, ASK BEFORE ACTING.

RELATED DOCUMENTS
READ THIS DRAWING IN CONJUNCTION WITH THE APPROPRIATE SPECIFICATION(S).

CHECKING
THIS DRAWING HAS BEEN GENERATED USING A COMPUTER AIDED DRAWING SYSTEM, AS THE SYSTEM GENERATES A NEW DRAWING AT EACH REVISION ONLY THE LATEST EDITION WILL HAVE BEEN CHECKED.

GENERAL NOTES

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND SCHEDULES.
- ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM THE SLAB / STRUCTURE AND NOT BE RELIANT ON THE CEILING OR OTHER SERVICES.
- ALL PENETRATIONS THROUGH WALL SHALL BE FILLED TO SUIT THE ACOUSTIC PERFORMANCE AND / OR THE FIRE REQUIREMENTS AS DETAILED ON THE ARCHITECT'S DRAWINGS.
- ALL FINAL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EXTERNAL SERVICES NOTES

- ALL DUCT ROUTES AND CHAMBER POSITIONS ARE INDICATIVE ONLY. EXACT ROUTES / POSITIONS TO BE CONFIRMED ON SITE.
- ALL DUCTS / CHAMBERS TO INCLUDE DRAW ROPES.
- ALL DUCTS / CHAMBERS TO BE SEALED TO PREVENT WATER INGRESS.
- CABLE DUCT CHAMBERS TO BE INCLUDED AT ALL CHANGES OF DIRECTION AND EVERY 30M OF STRAIGHT RUN. ADDITIONAL CHAMBERS WILL BE REQUIRED. THOSE SHOWN ARE FOR MAIN BUILDING SUPPLY CABLES.

LAYOUT INDICATIVE ONLY. EXACT DUCT / SERVICE ROUTES TO BE DETERMINED BY GROUND WORKER ON SITE.

EXTERNAL LIGHTING NOTES

- ALL DIMENSIONS ARE IN mm UNLESS INDICATED OTHERWISE.
- ALL ELECTRICAL INSTALLATION WORKS TO BE IN ACCORDANCE WITH BS7671 IET WIRING REGULATIONS.
- FINAL SELECTION OF LUMINAIRE FINISHES ARE TO BE CONFIRMED PRIOR TO ORDER PLACEMENT.
- CABLE ROUTES TO BUILDING MOUNTED LUMINAIRES TO BE INTERNAL.
- ALL LIGHTING COLUMNS ARE TO BE ROOT MOUNTED WITH BUILDING CONCRETE BACK FILLED FOR ADDITIONAL SUPPORT. ALL CABLEING TO BE VIA BELOW GROUND DUCT NETWORK AND LAD DIRECT IN GROUND WHERE PRACTICABLE I.E. SOFT DIG LANDSCAPE.
- LIGHTING COLUMNS TO BE COMPLETE WITH LUCY RCD/PROTECTED FUSED CUT-OUT WITHIN THE BASE.
- ALL DUCTS AND INSPECTION CHAMBERS TO BE SEALED TO PREVENT WATER INGRESS.
- INSPECTION CHAMBER COVERS TO BE APPROPRIATELY GRADED FOR VEHICULAR TRAFFIC AREAS.
- EXTERNAL LIGHTING IS DESIGNED TO ACHIEVE THE REQUIREMENTS OF AN ES INSTALLATION AS DETAILED IN TABLES 1 & 2 OF ILL GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT.
- ALL EXTERNAL LIGHTING IS TO BE CONTROLLED BY A PHOTOCELL AND TIME SWITCH ARRANGEMENT WITH A MANUAL OVERRIDE SWITCH.
- THE EXTERNAL LIGHTING TIME SWITCH IS TO BE SET SO THAT ALL EXTERNAL LIGHTING IS TO BE OFF BETWEEN 2300HRS AND 0700HRS.
- THE EXTENT OF THE EXISTING WATER MAIN IS UNKNOWN. COST FOR THE DECOMMISSIONING AND STRIP OUT OF EXISTING UNKNOWN WATER SERVICES SHALL BE ALLOWED FOR.
- EXISTING GAS SERVICES SHALL BE STRIPPED OUT TO THE GAS METER AND ISOLATED AND CAPPED.

EXTERNAL SERVICES LEGEND

- | | | | |
|---|-----------------|---|-----------------------------|
|  | INCOMING HV |  | 150mm COMMS DUCT |
|  | 150mm EVC DUCT |  | 150mm ELECTRIC VEHICLE DUCT |
|  | 150mm LV DUCT |  | 150mm MCHS DUCT |
|  | 150mm MCHS DUCT |  | 150mm LTC DUCT |
|  | 150mm LTC DUCT |  | 150mm EVC DUCT |
|  | 150mm EVC DUCT |  | 150mm EVC DUCT |
-  ELECTRIC VEHICLE CHARGER
 WATER METER
 FIRE HYDRANT

INCOMING BT AND FIBRE DUCTING TO BE CONFIRMED BY SUPPLIER

P01	PRELIMINARY ISSUE	01/10/25	MPO	HH
REV	DESCRIPTION	DATE	DRAWN	CHECK

STAGE 4

CLIENT

HENSALL

PROJECT

WYTHENSHAW PARK SPORTS HUB

DRAWING TITLE

COMBINED SERVICES
SITE PLAN
EXTERNAL SERVICES LAYOUT
SHEET 1 OF 2

SCALE @ A0	DATE	DRAWN	CHECKED
1:250	SEPT '24	MPO	DB

DRAWING N°	REV
HEN0268-HEN-00-ZZ-DR-N-9001	P01