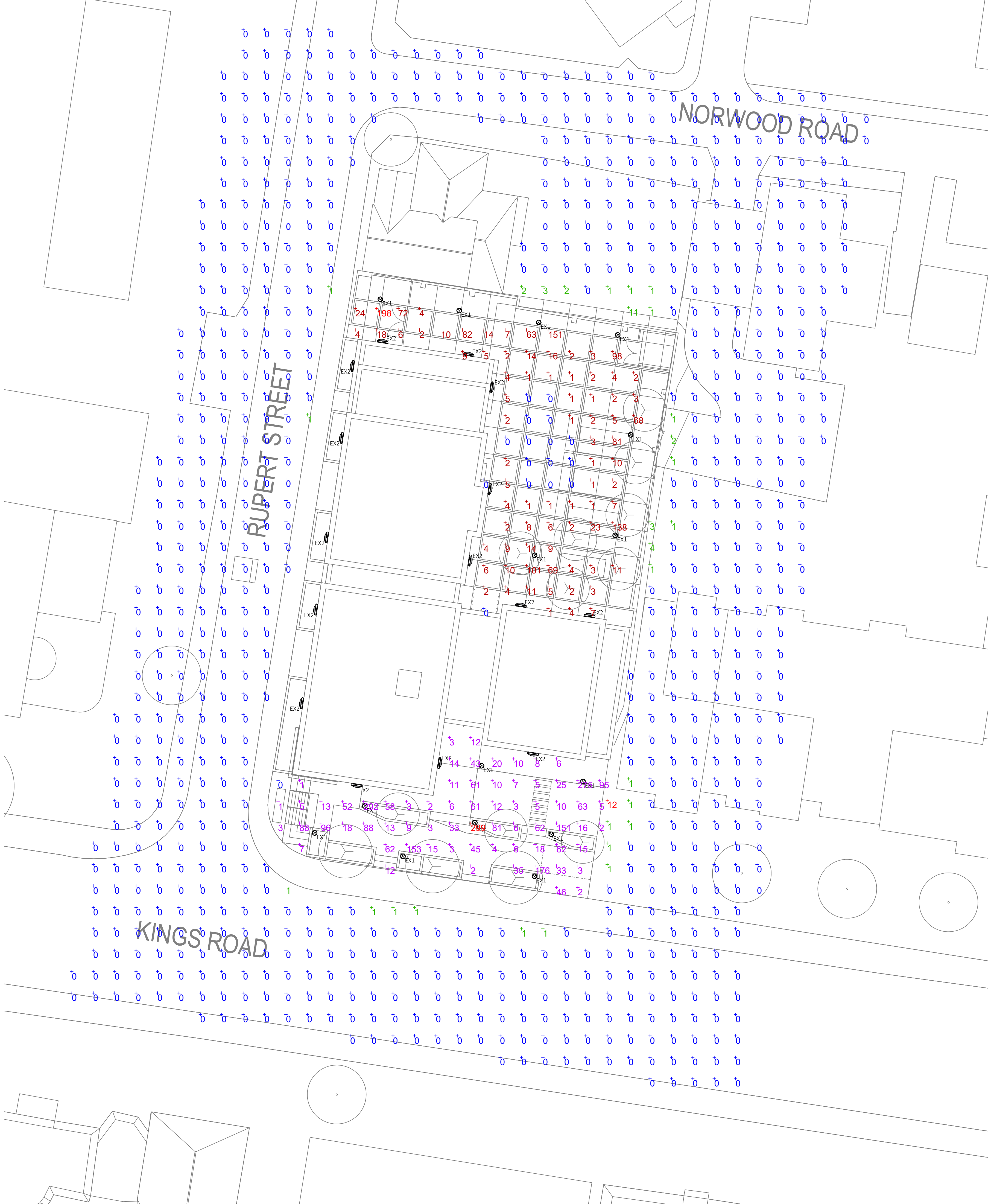
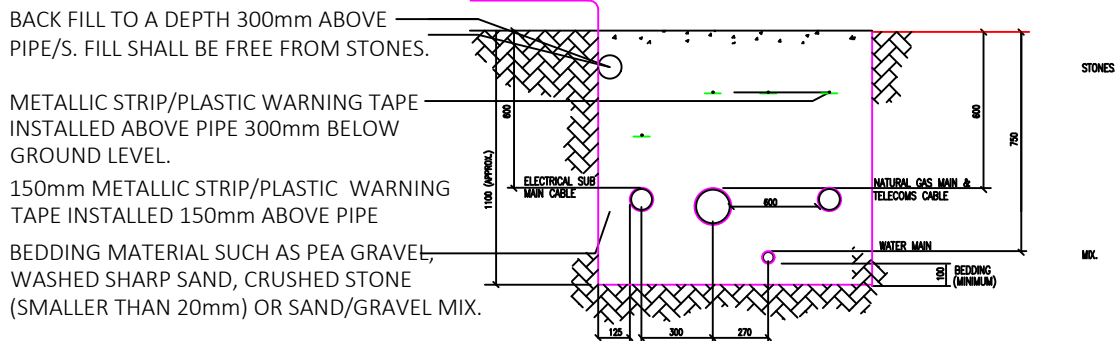


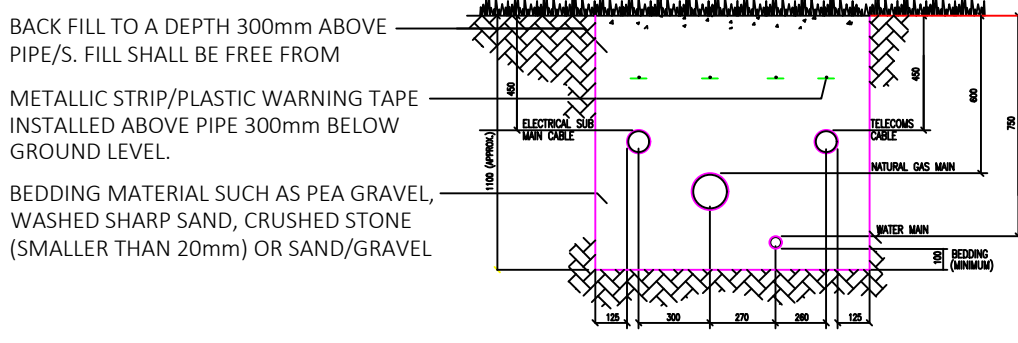


Schedule					
Symbol	Catalog Number	Description	Lamp	Lumens Per Lamp	Wattage
EX1	PBHB.T4.5034661.06	T4 1200mm high Square bollard c/w soft cross distribution.	LED 1,950 Lm 4000K	1950	17
EX2	PBHW.M1W.1009665.06	Mini One wall mounted up/down Cube shaped fig. wide beam downlight c/w narrow pencil beam uplight. Wall mounted at approx 3m AGL	LED 4000K	140	4.7

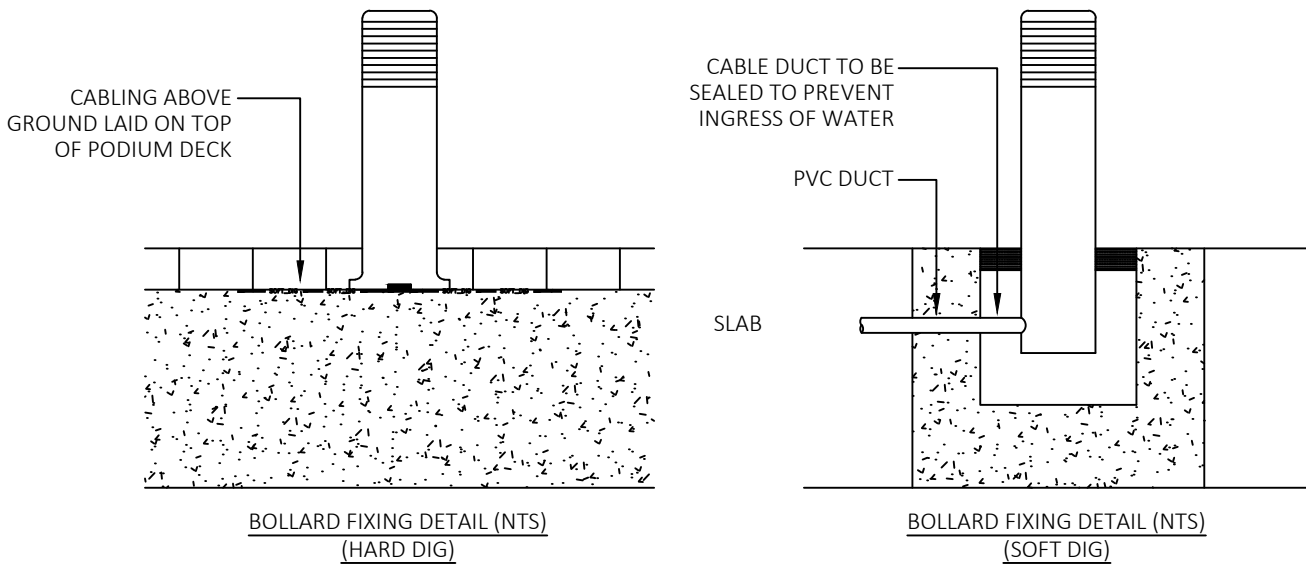
Statistics				
Description	Symbol	Avg	Min	Min/Avg
Area 1	+	16 lux	0 lux	0.00
Area 2	+	42 lux	1 lux	0.02



TYPICAL DETAIL OF UNDERGROUND SERVICES
TRENCH WITHIN ROADWAY / CARRIAGEWAY (NTS)



TYPICAL DETAIL OF UNDERGROUND SERVICES
TRENCH WITHIN FOOTPATH (NTS)



NOTES
THIS IS A DESIGN DRAWING NOT AN INSTALLATION DRAWING. DIMENSIONS SHOULD NOT BE SCALED. SITE DIMENSIONS TO BE CHECKED BEFORE PRODUCTION OF CRITICAL MANUFACTURING DRAWINGS. THE DRAWING IS COPYRIGHT AND NO PART MAY BE REPRODUCED WITHOUT WRITTEN CONSENT.

- LEGEND
- DO NOT SCALE FROM THIS DRAWING.
 - THE CONTRACTOR MUST VERIFY ALL DIMENSIONS TOLERANCES AND REFERENCES BEFORE PROCEEDING WITH WORKS.
 - ANY DISCREPANCY FOUND BETWEEN THIS DRAWING AND ANY OTHER DOCUMENTS MUST BE REPORTED IMMEDIATELY TO THE CONTRACT ADMINISTRATOR.
 - REMOVE THIS DRAWING FROM CURRENCY WHEN REVISED DRAWING IS ISSUED.
 - ALL EXTERNAL LUMINAIRE CABLING TO BE XLPE/SWA/LSF.
 - LUMINAIRES TO REAR ENTRANCE TO BE CONTROLLED VIA PIR FOR STUDENT ACCESS DURING TIMES WHEN TIMECLOCK IS DISABLED.

DESIGN INTENT

P3	11/01/19	LIGHTING LAYOUT UPDATED	DB	PL
P2	21/12/18	LIGHT SPILL OFF SITE ADDED	DB	PL
P1	20/12/18	ISSUED FOR PLANNING	DB	PL
REV	DATE	DESCRIPTION	BY	VE

WGC
WILSON GRAY CONSULTING

North East
0191 691 6770
Yorkshire
0113 390 0185

Drawing Status
PLANNING

Project
ALEXANDER HOUSE

Drawing Title
**ELECTRICAL ENGINEERING SERVICES
EXTERNAL LIGHTING LAYOUT**

Client
jansons
property investors and developers

Scale
1:100@A1

Engineer
DB

Date
DEC 18

Drawing Number
4479-EX-00-DR-E-200

Architects Revision
33443-L-90-100 (003)

Rev
P3