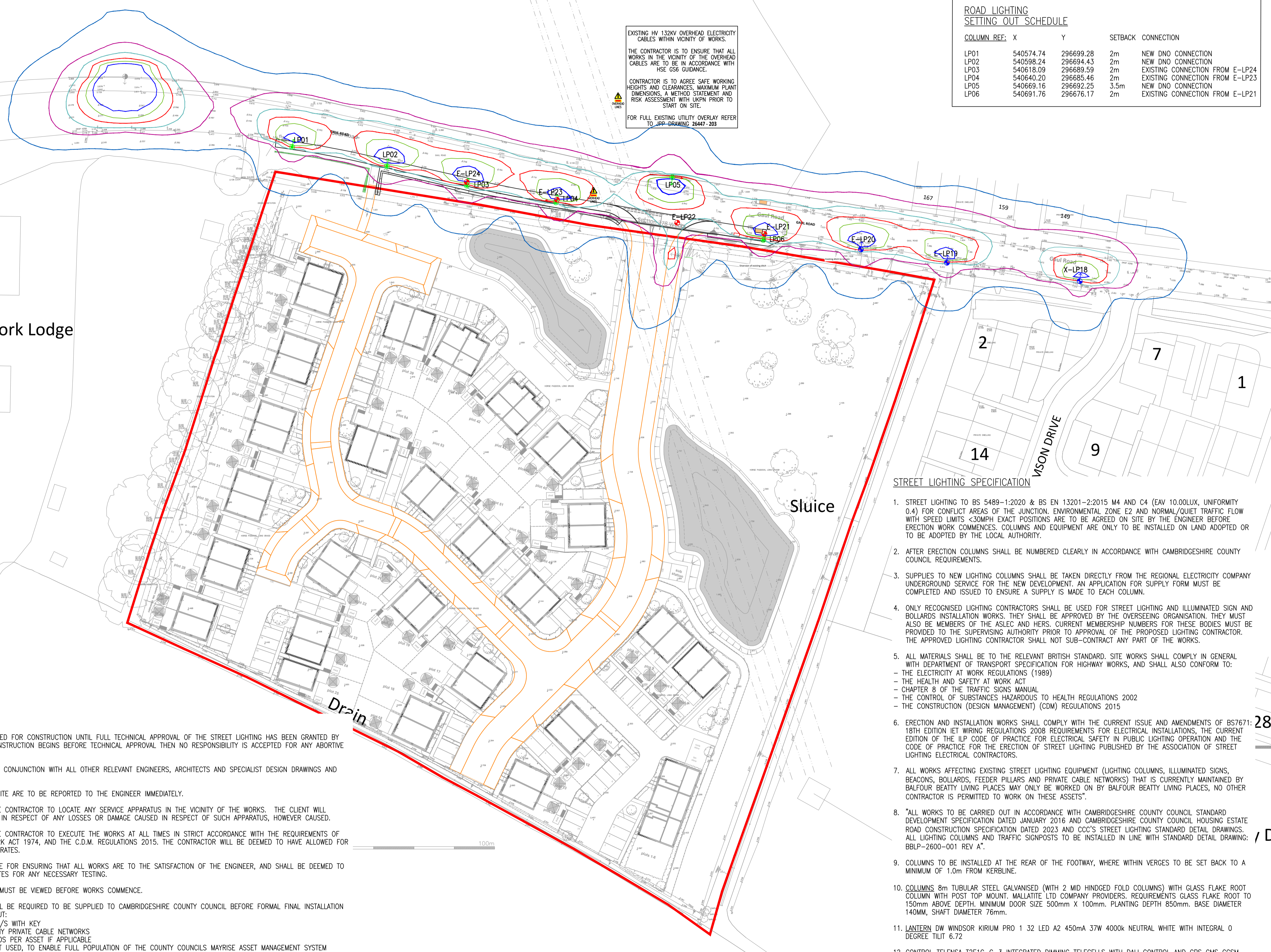


Highfield
York Lodge



EXISTING HV 132KV OVERHEAD ELECTRICITY CABLES WITHIN VICINITY OF WORKS.
THE CONTRACTOR IS TO ENSURE THAT ALL WORKS IN THE VICINITY OF THE OVERHEAD CABLES ARE TO BE IN ACCORDANCE WITH HSE CSE GUIDANCE.
CONTRACTOR IS TO AGREE SAFE WORKING HEIGHTS AND CLEARANCES, MAXIMUM PLANT DIMENSIONS, A METHOD STATEMENT AND RISK ASSESSMENT WITH UKPN PRIOR TO START ON SITE.
FOR FULL EXISTING UTILITY OVERLAY REFER TO IPR-DRAWING 28447-203

ROAD LIGHTING SETTING OUT SCHEDULE				
COLUMN REF:	X	Y	SETBACK	CONNECTION
LP01	540574.74	296699.28	2m	NEW DNO CONNECTION
LP02	540598.24	296694.43	2m	NEW DNO CONNECTION
LP03	540618.09	296689.59	2m	EXISTING CONNECTION FROM E-LP24
LP04	540640.20	296685.46	2m	EXISTING CONNECTION FROM E-LP23
LP05	540669.16	296692.25	3.5m	NEW DNO CONNECTION
LP06	540691.76	296676.17	2m	EXISTING CONNECTION FROM E-LP21

STREET LIGHTING KEY	
LP**	PROPOSED STREET LIGHTING COLUMN COLUMN HEIGHT: 8m PROJECTION: 0.3M POST TOP LANTERN MANUFACTURER: DW WINDSOR
4	QUANTITY LAMP TYPE: 32LED 4000K NEUTRAL WHITE WATTAGE: 37W OPTIC: A2 450mA 6.72KLM
LP**	PROPOSED STREET MID HINGED FOLD LIGHTING COLUMN COLUMN HEIGHT: 8m PROJECTION: 0.3M POST TOP LANTERN MANUFACTURER: DW WINDSOR
2	QUANTITY LAMP TYPE: 32LED 4000K NEUTRAL WHITE WATTAGE: 37W OPTIC: A2 450mA 6.72KLM
E-LP**	EXISTING UNADOPTED STREET LIGHTING COLUMN COLUMN HEIGHT: 8m PROJECTION: 0.3M POST TOP LANTERN MANUFACTURER: DW WINDSOR
3	QUANTITY LANTERN NAME: KIRIUM PRO 1 LAMP TYPE: 32LED 4000K NEUTRAL WHITE WATTAGE: 37W OPTIC: A2 450mA 6.72.04KLM
1	QUANTITY S38 STREET LIGHTING COLUMN SHOWN FOR CALCULATION PURPOSES ONLY.
1	EXISTING STREET LIGHTING COLUMN TO REMAIN AND IS SHOWN FOR CALCULATION PURPOSES ONLY.
1	EXISTING STREET LIGHTING COLUMN TO BE DISCONNECTED FROM EXISTING SUPPLY.
4	QUANTITY LIGHTING COLUMN AND BRACKET IS TO BE REMOVED TO TIP OFF SITE. LANTERN AND TELENDA NODE ARE TO BE SET ASIDE TO BE RETURNED TO WCC LIGHTING DEPOT
25.0 LUX ISO CONTOUR	
15.0 LUX ISO CONTOUR	
5.0 LUX ISO CONTOUR	
1.0 LUX ISO CONTOUR	
---	SITE BOUNDARY

STREET LIGHTING SPECIFICATION

- STREET LIGHTING TO BS 5489-1:2020 & BS EN 13201-2:2015 M4 AND C4 (EAV 10.00LUX, UNIFORMITY 0.4) FOR CONFLICT AREAS OF THE JUNCTION, ENVIRONMENTAL ZONE E2 AND NORMAL/QUIET TRAFFIC FLOW WITH SPEED LIMITS <30MPH EXACT POSITIONS ARE TO BE AGREED ON SITE BY THE ENGINEER BEFORE ERECTION WORK COMMENCES. COLUMNS AND EQUIPMENT ARE ONLY TO BE INSTALLED ON LAND ADOPTED OR TO BE ADOPTED BY THE LOCAL AUTHORITY.
- AFTER ERECTION COLUMNS SHALL BE NUMBERED CLEARLY IN ACCORDANCE WITH CAMBRIDGESHIRE COUNTY COUNCIL REQUIREMENTS.
- SUPPLIES TO NEW LIGHTING COLUMNS SHALL BE TAKEN DIRECTLY FROM THE REGIONAL ELECTRICITY COMPANY UNDERGROUND SERVICE FOR THE NEW DEVELOPMENT. AN APPLICATION FOR SUPPLY FORM MUST BE COMPLETED AND ISSUED TO ENSURE A SUPPLY IS MADE TO EACH COLUMN.
- ONLY RECOGNISED LIGHTING CONTRACTORS SHALL BE USED FOR STREET LIGHTING AND ILLUMINATED SIGN AND BOLLARDS INSTALLATION WORKS. THEY SHALL BE APPROVED BY THE OVERSEEING ORGANISATION. THEY MUST ALSO BE MEMBERS OF THE ASLEC AND HERS. CURRENT MEMBERSHIP NUMBERS FOR THESE BODIES MUST BE PROVIDED TO THE SUPERVISING AUTHORITY PRIOR TO APPROVAL OF THE PROPOSED LIGHTING CONTRACTOR. THE APPROVED LIGHTING CONTRACTOR SHALL NOT SUB-CONTRACT ANY PART OF THE WORKS.
- ALL MATERIALS SHALL BE TO THE RELEVANT BRITISH STANDARD. SITE WORKS SHALL COMPLY IN GENERAL WITH DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, AND SHALL ALSO CONFORM TO:
 - THE ELECTRICITY AT WORK REGULATIONS (1989)
 - THE HEALTH AND SAFETY AT WORK ACT
 - CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
 - THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 2002
 - THE CONSTRUCTION (DESIGN MANAGEMENT) (CDM) REGULATIONS 2015
- ERECTION AND INSTALLATION WORKS SHALL COMPLY WITH THE CURRENT ISSUE AND AMENDMENTS OF BS7671: 18TH EDITION IET WIRING REGULATIONS 2008 REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, THE CURRENT EDITION OF THE IET CODE OF PRACTICE FOR ELECTRICAL SAFETY IN PUBLIC LIGHTING OPERATION AND THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING PUBLISHED BY THE ASSOCIATION OF STREET LIGHTING ELECTRICAL CONTRACTORS.
- ALL WORKS AFFECTING EXISTING STREET LIGHTING EQUIPMENT (LIGHTING COLUMNS, ILLUMINATED SIGNS, BEACONS, BOLLARDS, FEEDER PILLARS AND PRIVATE CABLE NETWORKS) THAT IS CURRENTLY MAINTAINED BY BALFOUR BEATTY LIVING PLACES MAY ONLY BE WORKED ON BY BALFOUR BEATTY LIVING PLACES, NO OTHER CONTRACTOR IS PERMITTED TO WORK ON THESE ASSETS".
- "ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CAMBRIDGESHIRE COUNTY COUNCIL STANDARD DEVELOPMENT SPECIFICATION DATED JANUARY 2016 AND CAMBRIDGESHIRE COUNTY COUNCIL HOUSING ESTATE ROAD CONSTRUCTION SPECIFICATION DATED 2023 AND CCC'S STREET LIGHTING STANDARD DETAIL DRAWINGS. ALL LIGHTING COLUMNS AND TRAFFIC SIGNPOSTS TO BE INSTALLED IN LINE WITH STANDARD DETAIL DRAWING: BBLP-2600-001 REV A".
- COLUMNS TO BE INSTALLED AT THE REAR OF THE FOOTWAY, WHERE WITHIN VERGES TO BE SET BACK TO A MINIMUM OF 1.0m FROM KERBLINE.
- COLUMNS 8m TUBULAR STEEL GALVANISED (WITH 2 MID HINGED FOLD COLUMNS) WITH GLASS FLAKE ROOT COLUMN WITH POST TOP MOUNT. MALLATIE LTD COMPANY PROVIDERS. REQUIREMENTS CLASS FLAKE ROOT TO 150mm ABOVE DEPTH. MINIMUM DOOR SIZE 500mm X 100mm. PLANTING DEPTH 850mm. BASE DIAMETER 140MM, SHAFT DIAMETER 76mm.
- LANTERN DW WINDSOR KIRIUM PRO 1 32 LED A2 450mA 37W 4000K NEUTRAL WHITE WITH INTEGRAL 0 DEGREE TILT 6.72
- CONTROL TELENDA T2E1C-G-3 INTEGRATED DIMMING TELECELLS WITH DALI CONTROL AND GPS CMS CCSM
- DIMMING REGIMES 20:00 TO 24:00 DROPS 1 LIGHTING CLASS 24:00 TO 06:00 DROPS 1 LIGHTING CLASS
- (PROJECT MAINTENANCE FACTOR 0.86).

NOTES.

- THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNTIL FULL TECHNICAL APPROVAL OF THE STREET LIGHTING HAS BEEN GRANTED BY THE ADOPTING AUTHORITY. IF CONSTRUCTION BEGINS BEFORE TECHNICAL APPROVAL THEN NO RESPONSIBILITY IS ACCEPTED FOR ANY ABORTIVE WORKS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, WITHIN THEIR RATES.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY TESTING.
- MOST RECENT UTILITY DRAWINGS MUST BE VIEWED BEFORE WORKS COMMENCE.
- THE FOLLOWING INFORMATION WILL BE REQUIRED TO BE SUPPLIED TO CAMBRIDGESHIRE COUNTY COUNCIL BEFORE FORMAL FINAL INSTALLATION INSPECTIONS CAN BE CARRIED OUT:
 - 3.1. LEGIBLE AS BUILT DRAWINGS/S WITH KEY
 - ELECTRICAL SCHEMATICS FOR ANY PRIVATE CABLE NETWORKS
 - TELENDA CMS CONTROL NODE IDS PER ASSET IF APPLICABLE
 - CLEAR SCHEDULE OF EQUIPMENT USED, TO ENABLE FULL POPULATION OF THE COUNTY COUNCILS MAYRISE ASSET MANAGEMENT SYSTEM
 - VALID ELECTRICAL TEST CERTIFICATES (WITHIN 2 YEARS)
 - DETAILS OF ANY RESIDUAL SITE RISKS, E.G. HV, GAS, OVERHEADS, ACCESS ISSUES ETC
- DRAWING TO BE PRINTED IN COLOUR.

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNTIL FULL TECHNICAL APPROVAL OF THE STREET LIGHTING HAS BEEN GRANTED BY THE ADOPTING AUTHORITY. IF CONSTRUCTION BEGINS BEFORE TECHNICAL APPROVAL THEN NO RESPONSIBILITY IS ACCEPTED FOR ANY ABORTIVE WORKS.

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B	AMENDMENTS TO NOTES	CA	NA	DS	18.04.24
A	AMENDMENTS TO STREET LIGHTING	CA	NA	DS	08.03.24
-	FIRST ISSUE	NA	AW	DS	08.01.24
REV:	AMENDMENTS:	DRN:	CHK:	APP:	DATE:

PROJECT: GAUL ROAD, MARCH

DRAWING TITLE: S278 LIGHTING LAYOUT

CLIENT: BURMOR CONSTRUCTION

DRAWING NUMBER: 21412_03_100_01

REVISION: B	SHEET SIZE: A1	SCALE: 1:500
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STATUS: FOR INFORMATION / APPROVAL

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