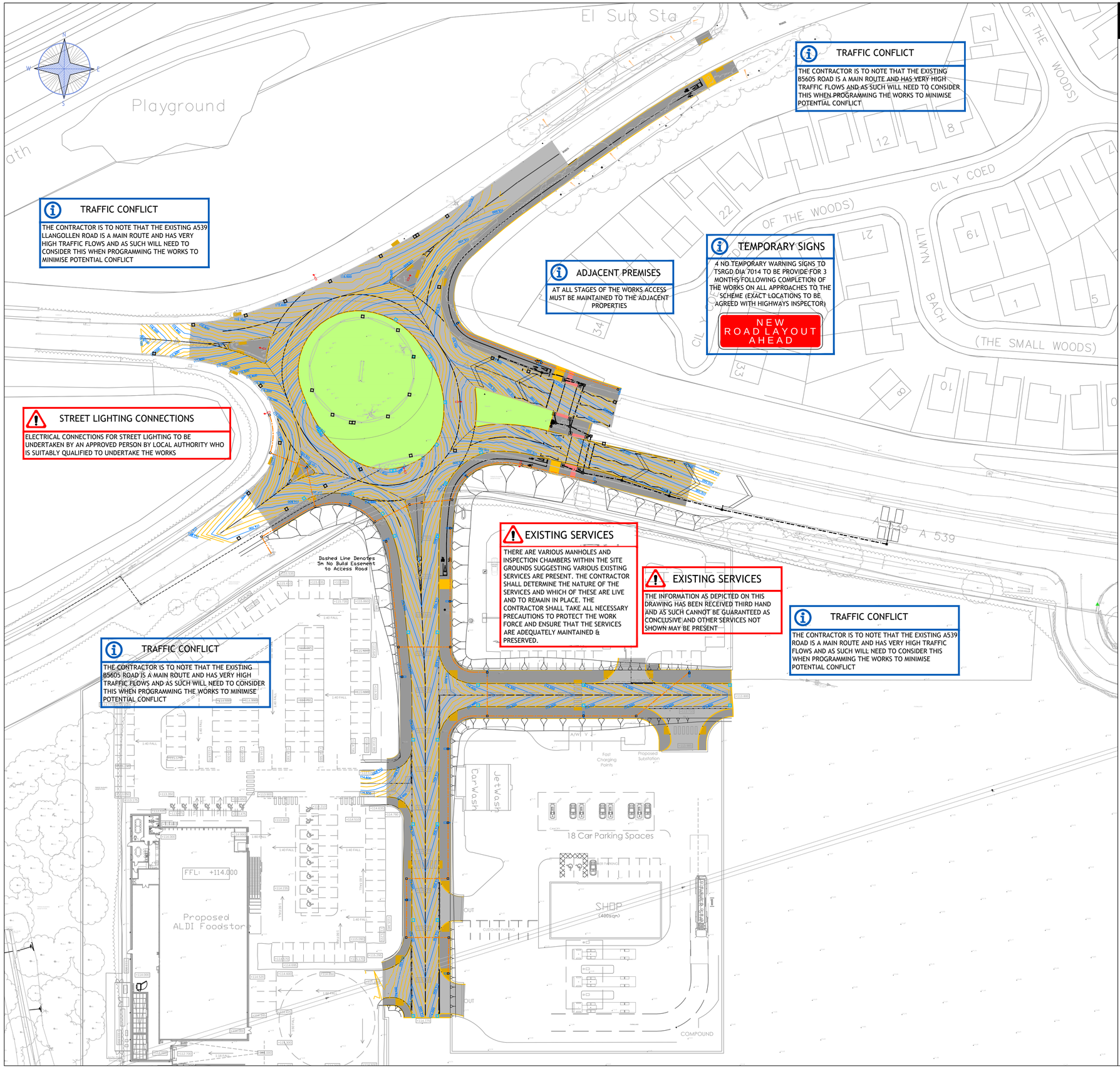


RISK MANAGEMENT NOTES: DRAINAGE AND HIGHWAY WORKS:

THIS HEALTH AND SAFETY DRAWING & NOTES IDENTIFY HAZARDS THAT WERE IMPRACTICAL OR UNECONOMICAL TO MITIGATE AT DESIGN STAGE. THE LIST IS NOT EXHAUSTIVE AND SHOULD NOT BE RELIED UPON. THE CONTRACTOR IS TO CARRY OUT RISK ASSESSMENTS AND PREPARE METHOD STATEMENTS IN LINE WITH CURRENT HEALTH & SAFETY LEGISLATION.

GENERAL NOTES

THE CONTRACTOR IS TO ENSURE ADEQUATE PROTECTIVE CLOTHING AND EQUIPMENT IS PROVIDED TO ALL PERSONNEL AND THAT PROPER WORKING PRACTICES ARE EMPLOYED DURING THE WORKS TO THE SATISFACTION OF ALL HEALTH AND SAFETY EXECUTIVE REQUIREMENTS.

ALL WELFARE FACILITIES ARE TO BE ESTABLISHED IN LINE WITH CURRENT LEGISLATION.

EXISTING SERVICES

THE CONTRACTOR IS TO INVESTIGATE AND ADEQUATELY PROTECT & MARK THE LOCATION AND DETERMINE THE STATUS OF ANY OVERHEAD / UNDERGROUND SERVICES / PLANT ON OR IN CLOSE PROXIMITY TO THE SITE.

THE CONTRACTOR SHALL UTILISE SCANNING EQUIPMENT AND HAND EXCAVATION TO IDENTIFY EXACT LOCATION OF ANY SERVICES.

THE CONTRACTOR SHALL CLEARLY MARK EXISTING UNDERGROUND SERVICE ROUTES AT SURFACE LEVEL PRIOR TO COMMENCING ANY EXCAVATION WORKS.

INITIAL SITE STRIP:

PRIOR TO COMMENCING 'SITE STRIP' EARTHWORKS THE CONTRACTOR SHALL UNDERTAKE THE FOLLOWING:-

- SURVEY THE AREA FOR UNRECORDED FEATURES,
- REVIEW THE FACTUAL HISTORY OF THE SITE AND CHECK FOR PREVIOUS MINING WORKS OR ANY OTHER PREVIOUS ACTIVITIES UNDERTAKEN ON THE SITE WHICH COULD LEAD TO UNSTABLE OR CONTAMINATED GROUND.
- ASSESS THE TYPE OF SOIL AND THE POTENTIAL FOR DUST AND SURFACE WATER RUN OFF / OVERLAND FLOW.

THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS REGARDING NATURALLY OCCURRING UNDERGROUND GAS AND PROCEED WITH SAFE WORKING PRACTICES IN ACCORDANCE WITH CURRENT HEALTH AND SAFTY LEGISLATION.

EXCAVATIONS:

PRIOR TO COMMENCING EXCAVATION WORKS THE CONTRACTOR SHOULD OBTAIN ALL SERVICE INFORMATION. WHERE IT IS DIFFICULT TO ASCERTAIN THE EXACT LOCATION OF SERVICES THE CONTRACTOR SHOULD EITHER:-

- UNDERTAKE AN UNDERGROUND RADAR SURVEY
- UNDERTAKE SLIT TRENCHES IN ORDER TO CAREFULLY EXPOSE THE SERVICES.

WHERE EXCAVATIONS ARE DEEPER THAN 1.0m BELOW RETAINED GROUND LEVEL AND OPERATIVES NEED TO ENTER THE EXCAVATION TO UNDERTAKE A SPECIFIED OPERATION THE PRINCIPLE CONTRACTOR SHALL CONSIDER:-

- STEPPING THE EXCAVATION IN INCREMENTS OF 1.0m.
- PROVIDE A TEMPORARY RETAINING STRUCTURE.
- PROVIDE CONTROLLED ACCESS / EGRESS FOR OPERATIVES.

IF THE CONTRACTOR PROCEEDS WITH WORKING WITHIN EXCAVATIONS DEEPER THAN 1200mm IT SHOULD BE SUPERVISED IN ACCORDANCE WITH CURRENT HEALTH & SAFETY LEGISLATION.

THE CONTRACTOR IS TO ENSURE UNATTENDED EXCAVATIONS ARE ADEQUATELY PROTECTED USING WARNING SIGNS AND BARRIERS ACCORDINGLY.

THE CONTRACTOR IS TO ENSURE THAT SAFE WORKING PRACTICES ARE EMPLOYED WHEN WORKING ON STEEP SLOPES OR ADJACENT TO TRENCHES & RETAINING WALLS, PARTICULARLY WHERE FULLY LADEN VEHICLES ARE RUNNING IN CLOSE PROXIMITY. THE CONTRACTOR IS ALSO TO PREVENT SITE VEHICLES OR MATERIALS SURCHARGING TRENCHES / RETAINING STRUCTURES DURING THE WORKS.

USE OF HEAVY PLANT:

THE CONTRACTOR IS TO ESTABLISH SAFE METHOD OF WORK FOR LIFTING MATERIALS SUCH AS PRECAST CONCRETE MANHOLE RINGS, MANHOLE COVERS AND HEAVY KERB/SLAB UNITS.

ALL OPERATIVES TO BE MADE AWARE OF ANY SITE EXCLUSION ZONES WHERE HEAVY PLANT IS OPERATING.

DELIVERY OF MATERIALS AND OFF-LOADING OF SUCH IS TO BE UNDERTAKEN IN ACCORDANCE WITH A STRATEGIC MANAGEMENT PLAN. RISK TO THE PUBLIC AND CONFLICT WITH OTHER ROAD USERS IS TO BE CONSIDERED.

HAZARDOUS MATERIALS

THE CONTRACTOR IS TO ENSURE THAT COSHH REGULATIONS ARE ADHERED TO ACROSS THE SITE WHEN USING ANY MATERIAL DEEMED AS HAZARDOUS.

WORKING ADJACENT TO SEWERS:

THE CONTRACTOR IS TO ENSURE THAT OPERATIVES ARE FULLY INFORMED OF THE RISK OF INFECTION SUCH AS TYPHOID AND WEILS DISEASE AND TO ENSURE THAT HYGIENE IS PROMOTED AND MAINTAINED.

OPERATIVES TO BE TRAINED TO WORK IN 'CONFINED SPACES' AND TO BE PROVIDED WITH THE APPROPRIATE PPE. ALL WORKS IN SEWERS TO BE COVERED UNDER A METHOD STATEMENT.

WHEN WORKING WITHIN THE PUBLIC HIGHWAY THE CONTRACTOR SHALL OBTAIN THE APPROPRIATE NOTICES FROM EITHER THE LOCAL AUTHORITY OR THE HIGHWAY AUTHORITY AND DEVELOP AN APPROPRIATE TRAFFIC MANAGEMENT PLAN AND IMPLEMENT ACCORDINGLY.

CONTAMINATED SOIL IN LOCALISED AREAS

WHERE UNUSUAL SOIL ODOURS, MATERIALS, ARTIFACTS / OBJECTS OR SOIL DISCOLORATION ARE NOTED THEN GLOVES, EYE PROTECTION AND DISPOSABLE OVERALLS SHOULD BE WORN LOCAL TO THE AREA.

AVOID ALL CONTACT WITH ANY SOIL MATERIAL DEEMED TO BE POTENTIALLY CONTAMINATED.

REPORT AREA OF CONTAMINATION TO THE PROJECT MANAGER TO OBTAIN FURTHER INSTRUCTION

EXISTING TRAFFIC / PEDESTRIANS

THE CONTRACTOR IS TO ALLOW FOR TEMPORARY FENCING AROUND THE PERIMETER OF THE WORKS TO PREVENT ACCESS BY ANY UNAUTHORISED VEHICLES / PERSONNEL.

THE CONTRACTOR SHALL ENSURE SAFE AND ADEQUATE PEDESTRIAN MOVEMENT IS MAINTAINED AROUND THE WORKS.

THE CONTRACTOR SHALL ENSURE THAT DURING ALL WORKS ADJACENT / CROSSING EXISTING ROADS, TRAFFIC FLOW IS MAINTAINED TO THE SATISFACTION OF THE LOCAL HIGHWAY AUTHORITY.

ALL TEMPORARY PEDESTRIAN AND TRAFFIC MANAGEMENT IS TO BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

DO NOT SCALE

NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST'S DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.

THIS DRAWING IS PROVIDED IN GOOD FAITH TO INDICATE ANY HEALTH AND SAFETY ISSUES WHICH HAVE BECOME APPARENT DURING THE DESIGN STAGE OF THE SCHEME. THE CONTRACTOR HOWEVER SHOULD NOTE THAT THIS DRAWING MAY NOT BE CONCLUSIVE AND SHOULD BRING ANY ADDITIONAL HAZARDS TO THE ATTENTION OF THE PROJECT MANAGERS / DESIGNERS.

LEGEND

HEALTH & SAFETY ITEM

CONTRACT MANAGEMENT ITEM

REV	DATE	BY	DESCRIPTION	CHK	APD
P1	27.04.18	LAD	ISSUED FOR INFORMATION	MCH	PJB

DRAWING STATUS: PRELIMINARY

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PROJECT: PROPOSED STORE RUABON

TITLE: RISK MANAGEMENT

SCALE @ SIZE:	CHECKED:	APPROVED:
1:500 on A1	MCH	PJB
CAD FILE: -	DESIGN/DRAWN: LAD	DATE: APR'18

PROJECT No:	DRAWING No:	REV:
T/18/2007	65-09	P1