USSL Risk Assessment

Risk Assessment No		45	Activity	Excavation at the base of lighting column	Locations	Site Works
Assessment Undertaken by	M. Watson		Assessment Date	Jun-17	Review Date	1/6/18

Risk Ratings

Persons at risk **(PAR)**		Severity / Harm Rating **(S)**		Likelihood **(L)**	
E	Employees / Contractors	1	Negligible injury or no injury	1	Extremely unlikely to occur at any time
P	Members of Public	2	Minor injury requiring First Aid	2	A rare combination of factors would be required for an incident to occur
V	Visitors	3	Lost time injury	3	Could happen, but considered unlikely under normal circumstances
C	Clients	4	Single serious injury or single death	4	Not certain, but an additional factor may result in an incident
		5	Multiple deaths and or serious injuries	5	Almost inevitable that an incident will result - Highly likely to occur

Tolerance rating

15 - 25	DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.
7 - 14	SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or by introducing new controls.
1 - 6	TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", If not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution

NB. Full PPE will be utilised as a matter of course during any works undertaken

Initial Assessment No controls						Risk Mitigation Measures				
Item No	Hazard Identification	PAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable
1	Underground services	E	4	4	**16**	Read and implement the control measures detailed in Method Statement and Risk Assessment 01 'Avoiding Danger from Underground Services'.	4	1	**4**	**Yes**
2	Collapse of column	E,P,V,C	5	4	**20**	Carry out visual inspection of column prior to commencing excavations, look for physical damage and check stability. A competent person must continuously monitor the integrity and stability of the column during excavation work. Excavations MUST be carried out in compliance with the inclusive Method Statement.	5	2	**10**	**Yes**
3	Unstable column	E,P,V,C	4	4	**16**	Create a safe area around the column/pole and call for a crane wagon to support the column/pole. Ensure beacon is flashing. Move to a safe distance and maintain full control of the site, ensuring that vehicles and pedestrians are excluded from any potentially dangerous areas.	4	1	**4**	**Yes**
4	Flying particles/eye injuries	E,P,V,C	3	4	**12**	Carry out Site Specific Risk Assessment where the risk of eye injury exists through flying particles, eye protection MUST be worn.	3	2	**6**	**Yes**
5	Foot injuries	E	5	4	**20**	Safety footwear MUST be worn at all times. Safety footwear MUST have covered steel toe caps.	5	1	**5**	**Yes**
6	Hand/Arm vibration (HAVS)	E	4	4	**16**	Read and implement the control measures detailed in Method Statement and Risk Assessment 24 'Use of Vibrating Hand-Held/ Hand Guided Tools'.	4	1	**4**	**Yes**
7	Power tools	E	3	4	**12**	Only trained and certificated personnel to use power tools. Read and implement the control measures detailed in the Method Statement and Risk Assessment 05 'Use of Floor Saws'. Read and implement the control measures detailed in Method Statement and Risk Assessment 13 'Using the Jackhammer'.	3	2	**6**	**Yes**
8	Mechanical excavators	E	5	4	**20**	Read and implement the control measures detailed in Method Statement and Risk Assessment 08 '180o/360o Excavators'.	5	1	**5**	**Yes**
9	Manual handling	E	4	4	**16**	Carry out Site Specific Risk Assessment Carry out Manual Handling Assessment, use Method Statement and Risk Assessment 26 'Manual Handling'. Where possible, mechanical lifting devices should be used. If the load is considered too heavy to lift manually, DO NOT lift and contact your Supervisor.	4	1	**4**	**Yes**
10	Members of the public and vehicles	E,P,V,C	3	3	**9**	Don high-visibility clothing. Sign and guard site in compliance with Chapter 8 / NRASWA Cop. Deep excavations: i) permanently / temp reinstate. ii) place walk board/s or steel plates over excavation/s. iii) guard excavation with Heras type fencing. Create a safe area around the column/pole and call for a crane wagon to support the column/pole.	3	2	**6**	**Yes**