



## DESIGN INFORMATION REQUIRED FOR EXCAVATION SUPPORT SYSTEM

### SCHEME INFORMATION

### GENERAL INFORMATION

DATE:

CLIENT:

SITE:

SITE CONTACT:

SITE CONTACT PHONE NUMBER:

### GROUND CONDITIONS

NEAREST BOREHOLE LOG/WINDOW SAMPLE/TRIAL HOLE:

IS BOREHOLE LOCATION PLAN AVAILABLE?

VERBAL SOIL DESCRIPTION: Please provide profiles of the ground to at least 1.5times the excavation depth

LAYER	DESCRIPTION	THICKNESS



**GROUNDWATER CONDITIONS**

ANTICIPATED GROUND WATER LEVEL:

GROUNDWATER CONTROL METHOD: DEWATERING/SUMP PUMP

KEY HEADER SHEETS/STRIKE SHEETS FROM SI:

**DIMENSIONS**

EXCAVATION DEPTH:

GROUND REDUCTION:

EXISTING SLOPE/BATTER/EMBANKMENT:

PLAN DIMENSIONS

LENGTH (m)	BREADTH(m)

CLEARANCE BETWEEN FRAMES:

CLEARANCE BETWEEN STRUTS:

CLEARANCE BELOW BOTTOM FRAME:

**SURCHARGE AND PLANT LOAD**

MAXIMUM SURCHARGE FROM PLANT:

ADDITIONAL LOAD FROM NEARBY STRUCTURES: ROAD/RAIL/BUILDINGS/RAILWAY/CRANES

ADJACANT/EXISTING SERVICES:

- a) Confirm the presence of existing services
- b) Distance away from the excavation
- c) Support required
- d) Depth to the services
- e) Existing cables/overhead restrictions

ANTICIPATED DURATION OF EXCAVATION:

CONCRETE BASE THICKNES



FRAMES AND SHEETS

NOTES

SKETCH



NAME:

SIGNATURE: