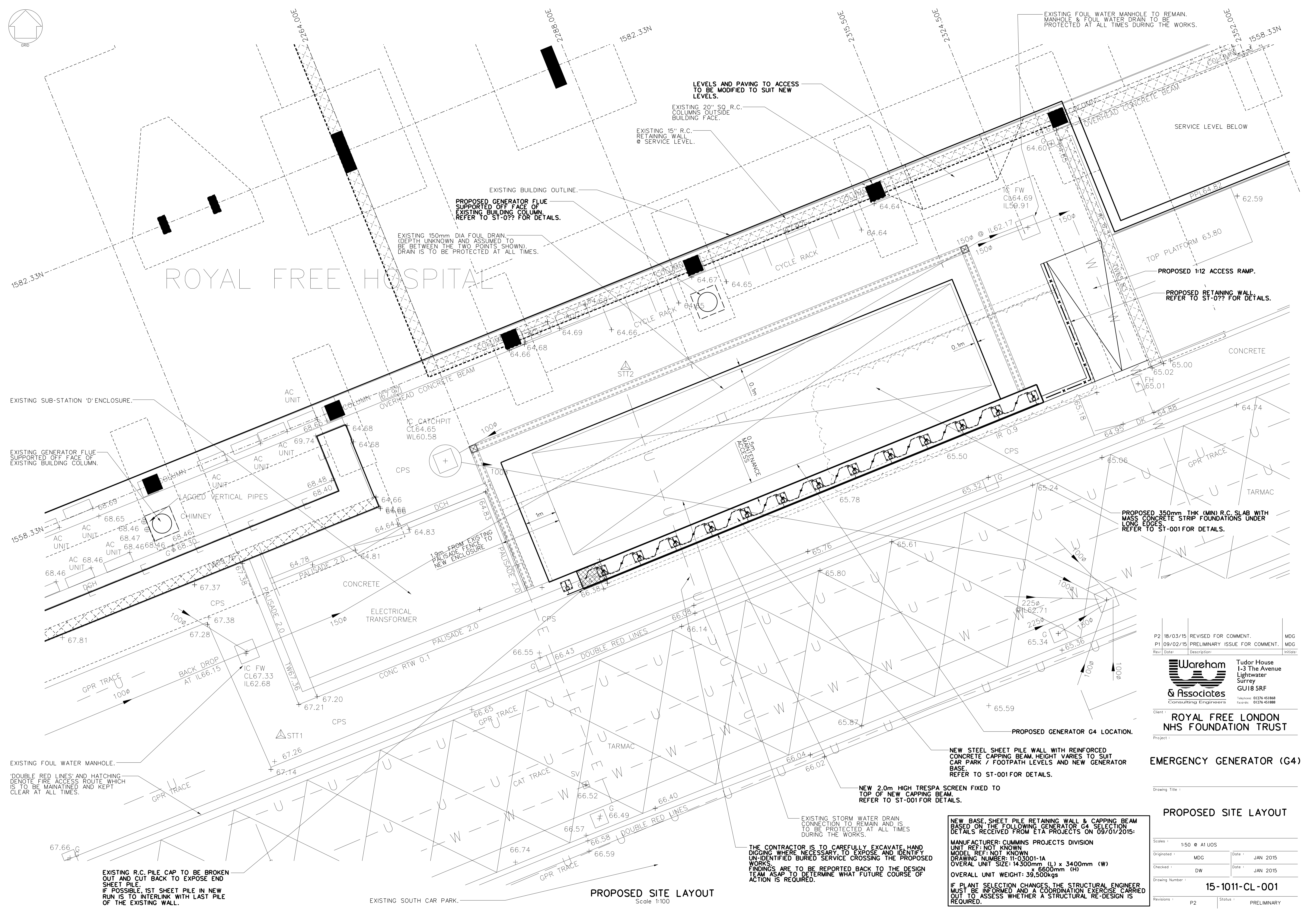


ROYAL FREE HOSPITAL



PROPOSED SITE LAYOUT

Scale 1:100

EXISTING R.C. PILE CAP TO BE BROKEN OUT AND CUT BACK TO EXPOSE END SHEET PILE. IF POSSIBLE, 1ST SHEET PILE IN NEW RUN IS TO INTERLINK WITH LAST PILE OF THE EXISTING WALL.

EXISTING 150mm DIA FOUL DRAIN (DEPTH UNKNOWN AND ASSUMED TO BE BETWEEN THE TWO POINTS SHOWN). DRAIN IS TO BE PROTECTED AT ALL TIMES.

PROPOSED GENERATOR FLUE SUPPORTED OFF FACE OF EXISTING BUILDING COLUMN. REFER TO ST-0?? FOR DETAILS.

LEVELS AND PAVING TO ACCESS TO BE MODIFIED TO SUIT NEW LEVELS.

EXISTING 20" SQ R.C. COLUMNS OUTSIDE BUILDING FACE.
EXISTING 15" R.C. RETAINING WALL @ SERVICE LEVEL.

EXISTING FOUL WATER MANHOLE TO REMAIN. MANHOLE & FOUL WATER DRAIN TO BE PROTECTED AT ALL TIMES DURING THE WORKS.

PROPOSED 1:12 ACCESS RAMP.

PROPOSED RETAINING WALL. REFER TO ST-0?? FOR DETAILS.

PROPOSED 350mm THK (MIN) R.C. SLAB WITH MASS CONCRETE STRIP FOUNDATIONS UNDER LONG EDGES. REFER TO ST-001 FOR DETAILS.

NEW STEEL SHEET PILE WALL WITH REINFORCED CONCRETE CAPPING BEAM. HEIGHT VARIES TO SUIT CAR PARK / FOOTPATH LEVELS AND NEW GENERATOR BASE. REFER TO ST-001 FOR DETAILS.

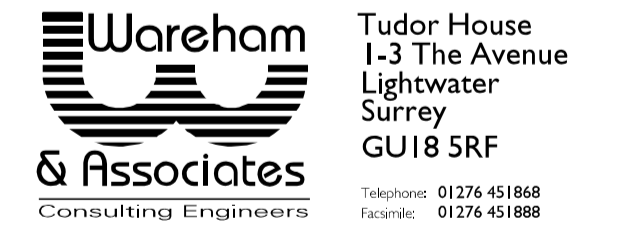
NEW 2.0m HIGH TRESPA SCREEN FIXED TO TOP OF NEW CAPPING BEAM. REFER TO ST-001 FOR DETAILS.

THE CONTRACTOR IS TO CAREFULLY EXCAVATE, HAND DIGGING WHERE NECESSARY TO EXPOSE AND IDENTIFY UN-IDENTIFIED BURIED SERVICE CROSSING THE PROPOSED WORKS. FINDINGS ARE TO BE REPORTED BACK TO THE DESIGN TEAM ASAP TO DETERMINE WHAT FUTURE COURSE OF ACTION IS REQUIRED.

EXISTING STORM WATER DRAIN CONNECTION TO REMAIN AND IS TO BE PROTECTED AT ALL TIMES DURING THE WORKS.

NEW BASE, SHEET PILE RETAINING WALL & CAPPING BEAM BASED ON THE FOLLOWING GENERATOR G4 SELECTION DETAILS RECEIVED FROM ETA PROJECTS ON 09/01/2015:
MANUFACTURER: CUMMINS PROJECTS DIVISION
UNIT REF: NOT KNOWN
MODEL REF: NOT KNOWN
DRAWING NUMBER: 11-03001-1A
OVERALL UNIT SIZE: 14,300mm (L) x 3,400mm (W) x 6,600mm (H)
OVERALL UNIT WEIGHT: 39,500kgs
IF PLANT SELECTION CHANGES, THE STRUCTURAL ENGINEER MUST BE INFORMED AND A COORDINATION EXERCISE CARRIED OUT TO ASSESS WHETHER A STRUCTURAL RE-DESIGN IS REQUIRED.

P2	18/03/15	REVISED FOR COMMENT.	MDG
P1	09/02/15	PRELIMINARY ISSUE FOR COMMENT.	MDG
Rev	Date	Description	Initials



Client: ROYAL FREE LONDON NHS FOUNDATION TRUST

Project: EMERGENCY GENERATOR (G4)

Drawing Title: PROPOSED SITE LAYOUT

Scales: 1:50 @ A1 UOS	
Originated: MDG	Date: JAN 2015
Checked: DW	Date: JAN 2015
Drawing Number: 15-1011-CL-001	
Revisions: P2	Status: PRELIMINARY