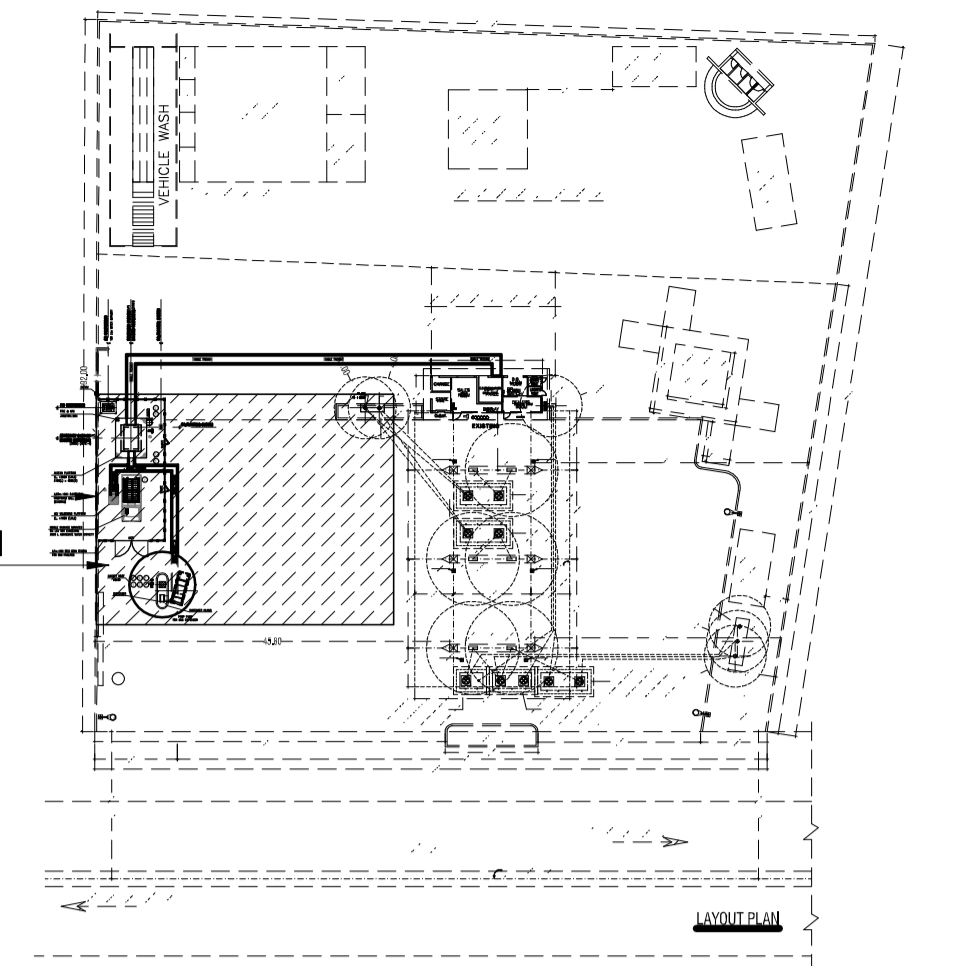


CNG DAUGHTER BOOSTER STATION



KEY PLAN

- NOTES:**
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
 2. DIRECT BURIED TRENCH ROUTE AND LENGTH SHOWN IN THIS LAYOUT IS PRELIMINARY ONLY. EXACT TRENCH ROUTE SHALL BE DECIDED BY CONTRACTOR BEFORE LAYING THE CABLE.
 3. THIS DRAWING SHALL BE LEAD IN CONJUNCTION WITH OTHER CIVIL, MECHANICAL DRAWINGS AND CONTRACTOR SHALL EXAMINE THE TRENCH ROUTING AND MAY MODIFY THE ROUTING TO SUIT SITE CONDITION.
 4. CONTRACTOR TO IDENTIFY THE CABLE ENTRY SIDE FOR COMPRESSOR PACKAGE AND TO CHECK AND MODIFY THE CABLE TRENCH ROUTING UPTO CABLE ENTRY POINT TO COMPRESSOR PACKAGE ELECTRICAL PANEL.
 5. COMPRESSOR AREA LIGHTING CIRCUIT CABLES SHALL BE DIRECTLY BURIED & SITE ROUTED.
 6. DISPENSER POWER CABLE SHALL BE SITE ROUTED BY INSTALLATION CONTRACTOR.
 7. INSTRUMENT BRANCH CABLES AT COMPRESSOR AREA SHALL BE ROUTED BY MEANS OF BURIED GI CONDUIT.
 8. THE DIRECT BURIED CABLE TRENCH SHALL BE CONSTRUCTED AS PER LOCAL CIVIL GUIDELINES AND AS PER RELEVANT IS STANDARD.
 9. DIRECT BURIED CABLE TRENCH ROUTE MARKERS SHALL BE PROVIDED BY INSTALLATION CONTRACTOR.

- LEGENDS:**
- DIRECT BURIED CABLE
 - DIRECT BURIED CABLE WITH 150mm DIA HUME PIPE

CNG DAUGHTER BOOSTER STATION - CABLE TRAY LAYOUT

REV	DATE	DESCRIPTION	DRAWN	BY	CHK.	APPR.
0	17 JUN 17	ISSUED FOR CONSTRUCTION	MAK	RAJ	AD	MSR/MRM
B	23 FEB 17	ISSUED FOR APPROVAL	MAK	RAJ	AD	MSR/MRM
A	23 DEC 16	ISSUED FOR REVIEW	MAK	RAJ	AD	MSR/MRM

CLIENT :

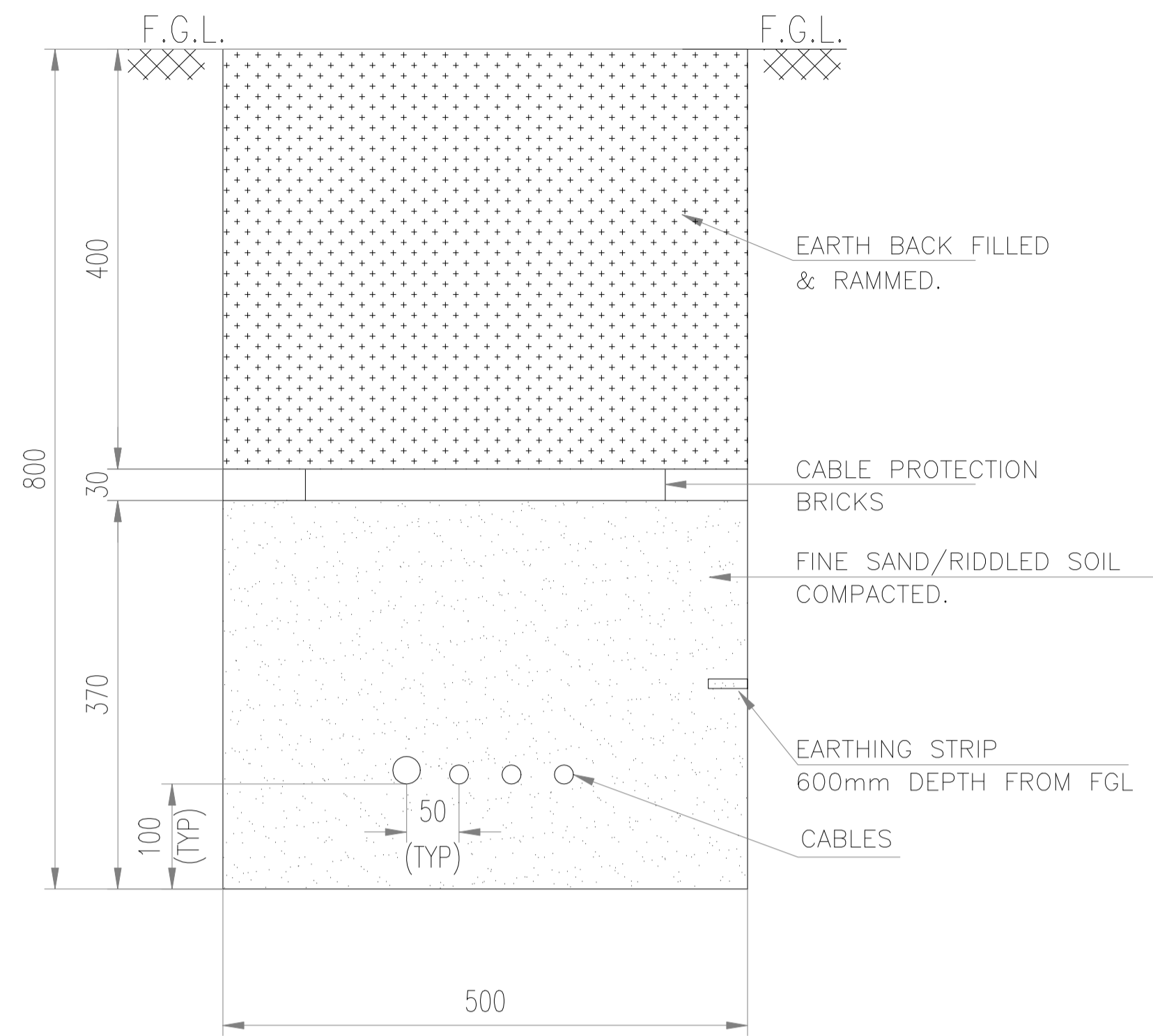
CONSULTANT :

PROJECT : CONSTRUCTION OF CITY GATE STATION CUM CNG STATIONS & DAUGHTER BOOSTERS STATIONS AT EAST AND WEST GODAVARI DISTRICTS

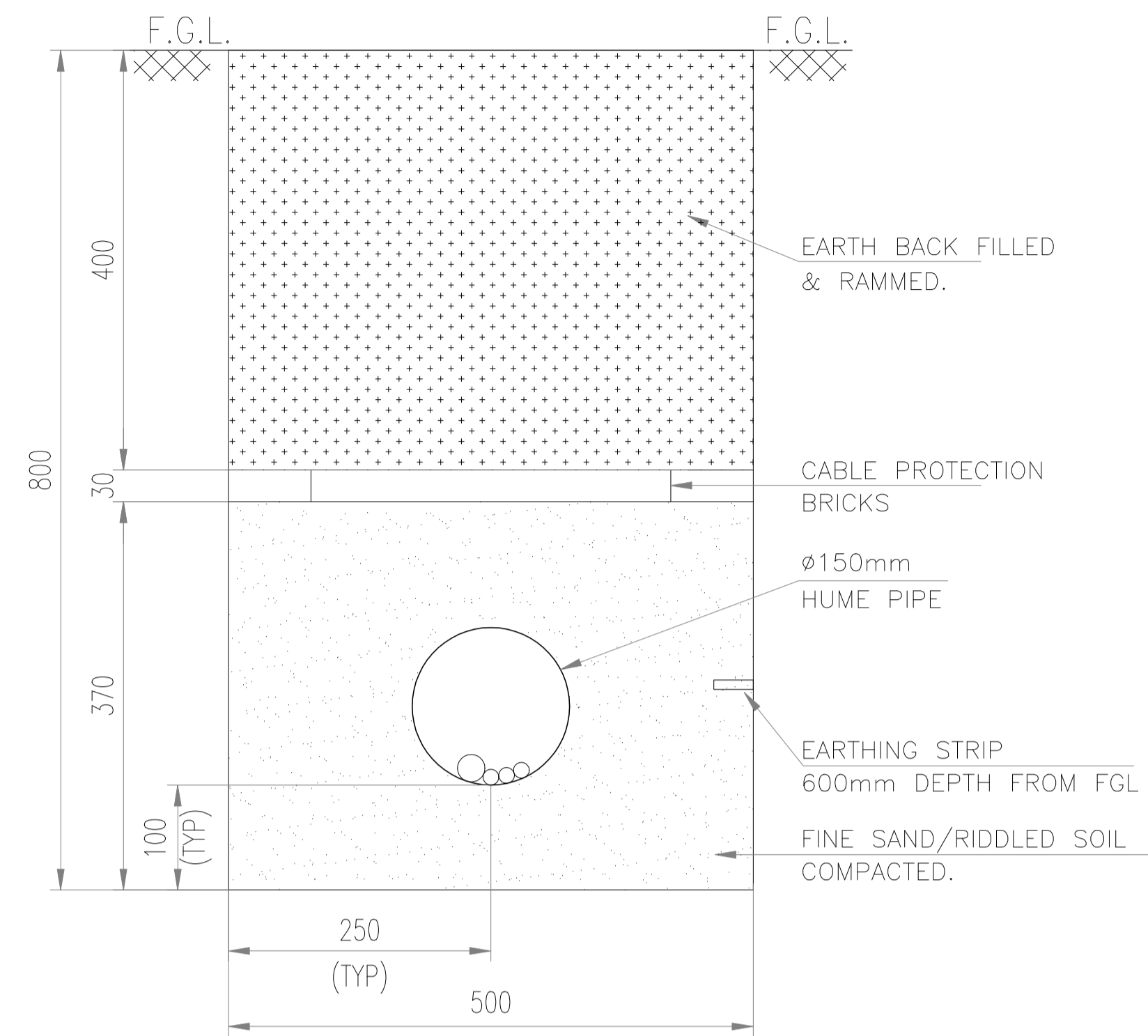
THIS DRAWING AND ALL DESIGN DETAILS AND DATA SHOWN HEREON, IS THE SOLE PROPERTY OF GGPL AND SHALL NOT BE REPRODUCED IN ANY MANNER, OR USED FOR ANY PURPOSE WHATSOEVER, EXCEPT BY WRITTEN PERMISSION OF GGPL.

TITLE : CABLE ROUTING LAYOUT FOR CNG DAUGHTER BOOSTER STATION M/S.HP AUTO CARE CENTRE, RAVULAPALEM (E.G) - HPCL.

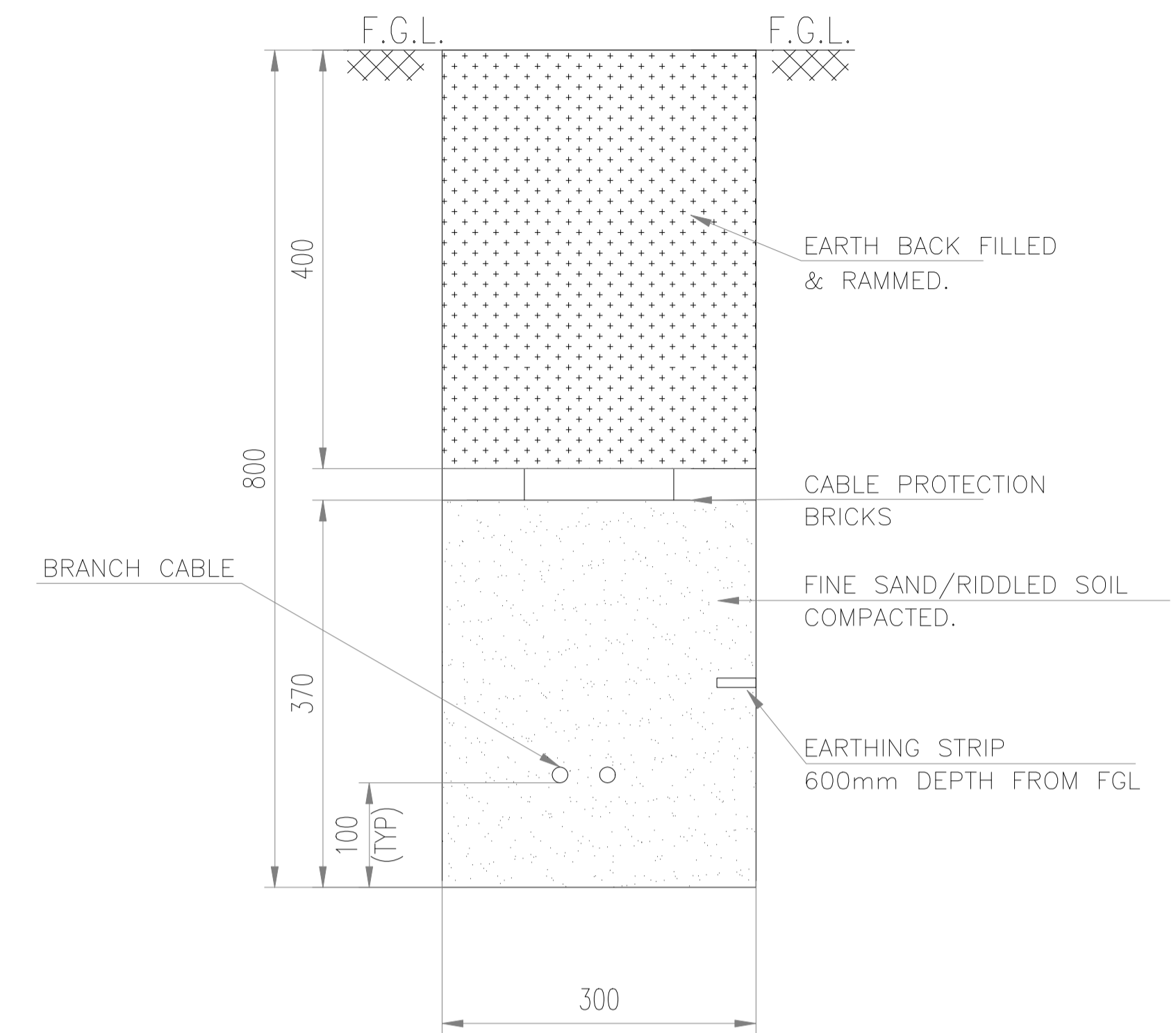
CLIENT DWG NO: -	SCALE: 1 : 100	SUB . E
DRAWING NO: 16017-E-DW-0805-03	SHEET No. 1 OF 2	REV. 0



**DIRECT BURIED CABLE TRENCH
SECTION-A-A**



**DIRECT BURIED CABLE TRENCH WITH HUME PIPE
SECTION-B-B**



**DIRECT BURIED CABLE TRENCH
LIGHTING CABLE/DISPENSER CABLE**

DIRECT BURIED CABLE TRENCH 500mm(W) x 800mm(D)				
SL. NO	CABLE TAG	CABLE SIZE	OD (mm)	REMARKS
1	PDB-COMP-P	3.5Cx25 Sq.mm	26.2	COMPRESSOR MAIN POWER CABLE
2	UPSDB-LCP-P	2C+EX2.5 Sq.mm	14.8	COMPRESSOR LCP
3	UPS DB- ELTG-L01-P	2C+EX2.5 Sq.mm	14.8	EMERGENCY LIGHTING CIRCUIT
4	UPSDB-DICP-P	2C+EX2.5 Sq.mm	14.8	DISPENSER CABLE
5	PDB-AIR-COMP-P	3Cx4 Sq.mm	16	INSTRUMENT AIR COMPRESSOR
		TOTAL	86.6	

Ø150mm RCC HUME PIPE (24mts)				
SL. NO	CABLE TAG	CABLE SIZE	OD (mm)	REMARKS
1	LVSDB-GAS-COMP-P	3.5Cx25 Sq.mm	26.2	COMPRESSOR MAIN POWER CABLE
2	UPS DB-GAS-UCP - P	2C+EX2.5 Sq.mm	14.8	COMPRESSOR LCP
3	UPS DB- ELTG-L01-P	2C+EX2.5 Sq.mm	14.8	EMERGENCY LIGHTING CIRCUIT
4	UPSDB-DISP-P	2C+EX2.5 Sq.mm	14.8	DISPENSER CABLE
5	PDB-AIR-COMP-P	3Cx4 Sq.mm	16	INSTRUMENT AIR COMPRESSOR
		TOTAL	86.6	

NOTES:

REV	DATE	DESCRIPTION	DRAWN	BY	CHK.	APPR.
0	17 JUN 17	ISSUED FOR CONSTRUCTION	MAK	RAJ	AD	MSR/MRM
B	25 FEB 17	ISSUED FOR APPROVAL	MAK	RAJ	AD	MSR/MRM
A	23 DEC 16	ISSUED FOR REVIEW	MAK	RAJ	AD	MSR/MRM

CLIENT :



CONSULTANT :



PROJECT : CONSTRUCTION OF CITY GATE STATION CUM CNG STATIONS & DAUGHTER BOOSTERS STATIONS AT EAST AND WEST GODAVARI DISTRICTS

THIS DRAWING AND ALL DESIGN DETAILS AND DATA SHOWN HEREON, IS THE SOLE PROPERTY OF GGPL AND SHALL NOT BE REPRODUCED IN ANY MANNER, OR USED FOR ANY PURPOSE WHATSOEVER, EXCEPT BY WRITTEN PERMISSION OF GGPL.

TITLE : CABLE ROUTING LAYOUT FOR CNG DAUGHTER BOOSTER STATION M/S.HP AUTO CARE CENTRE, RAVULAPALEM (E.G) - HPCL

CLIENT DWG NO: - SCALE: NTS SUB: E
DRAWING NO: 16017-E-DW-0805-03 SHEET No. 2 OF 2 REV: 0