



SK45NE 155

Holst Soil Engineering Limited



PARKSIDE LANE

LEEDS LS1155X.

Contract No. SI 1034/F2498

Location Sutton in Ashfield

Client East Midlands Electricity Board

Borehole No. 7

Ground Level 134.1 m AOD

Date 4/6/66

5844

BOREHOLE LOG

| STRATA | Legend | Depth below Ground Level | Thickness of Strata | Type of Sample | c kN/sq.m | ϕ deg. | m.c % | γ kg/cu.m. | N |
|----------------------------------------|--------|-----------------------------|------------------------|-------------------|--------------|----------------|----------|----------------------|-----|
| TOP SOIL | | 0.20 | 0.20 | | | | | | |
| Firm brown & grey mottled shaley CLAY | | | | 0.45 □ | 35 | 0 | 28.7 | 1955 | |
| | | | | 1.60 □ | 65 | 9 | 13.7 | 2185 | |
| | | 2.05 | 1.85 | 2.05 I | | | | | 22 |
| Highly weathered pale grey MUDSTONE | | | | | | | | | |
| | | | | 3.55 I | | | | | 116 |
| | | 4.00 | 1.95 | | | | | | |

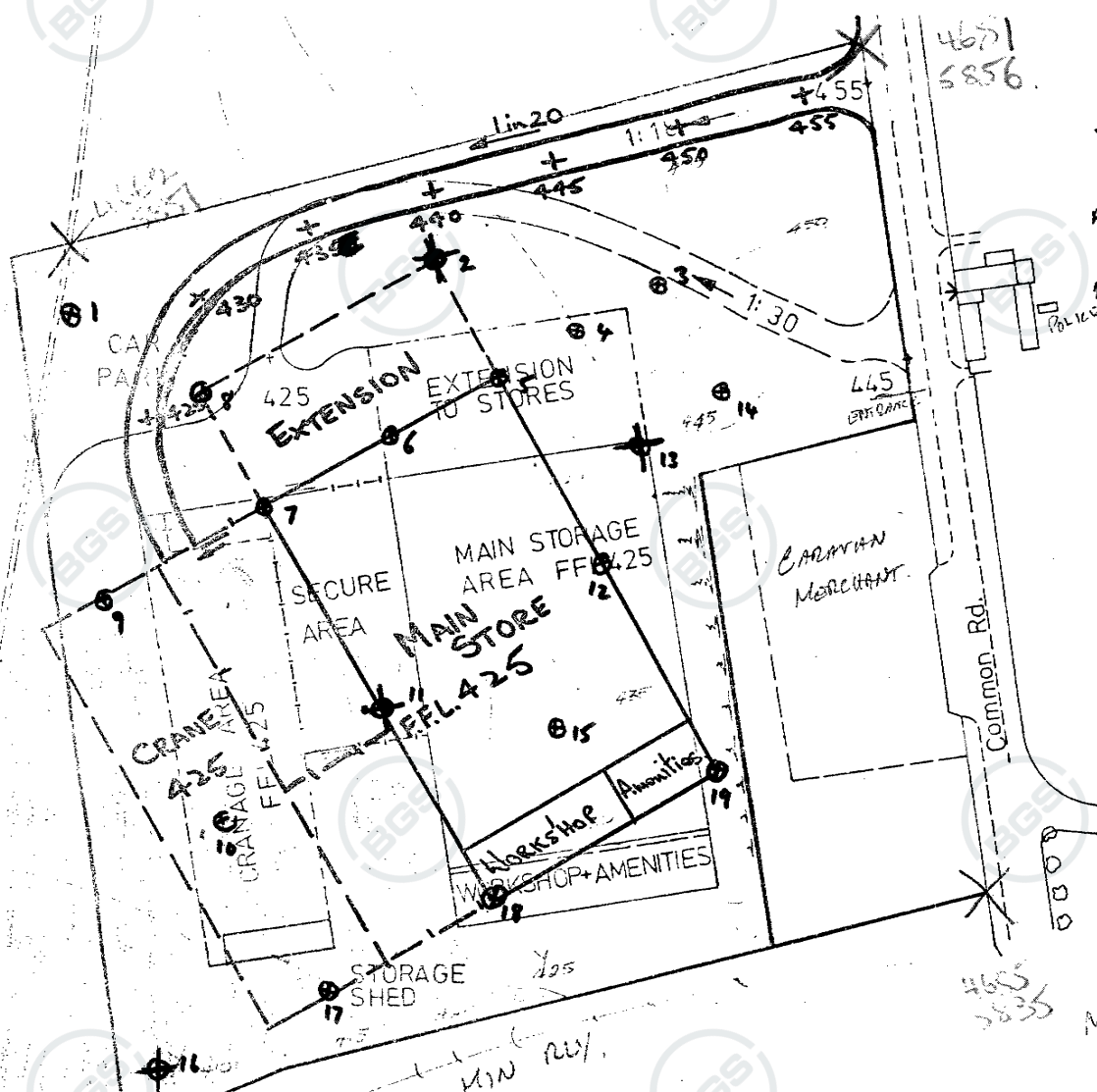
Water Struck at None Encountered

Maximum Observed Water Level

Undisturbed Sample □
Disturbed Sample ○
Water Sample ▲
Penetration Test I

c = Cohesion
 ϕ = Angle of Internal Friction
m.c = Moisture Content
 γ = Bulk Density
N = Standard Penetration Value

Water levels are subject to seasonal or tidal variation and should not be taken as constant



⊕ S+H Bore
⊕ S+H + ROTARY Bore

Average S+H depth 20' (6m)
= 380' (11.6m)
Rotary depth - cont. seam or
say 200' (61m)
65m (55m, 65m)

Approx A

Approx

flr Brown
no white

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