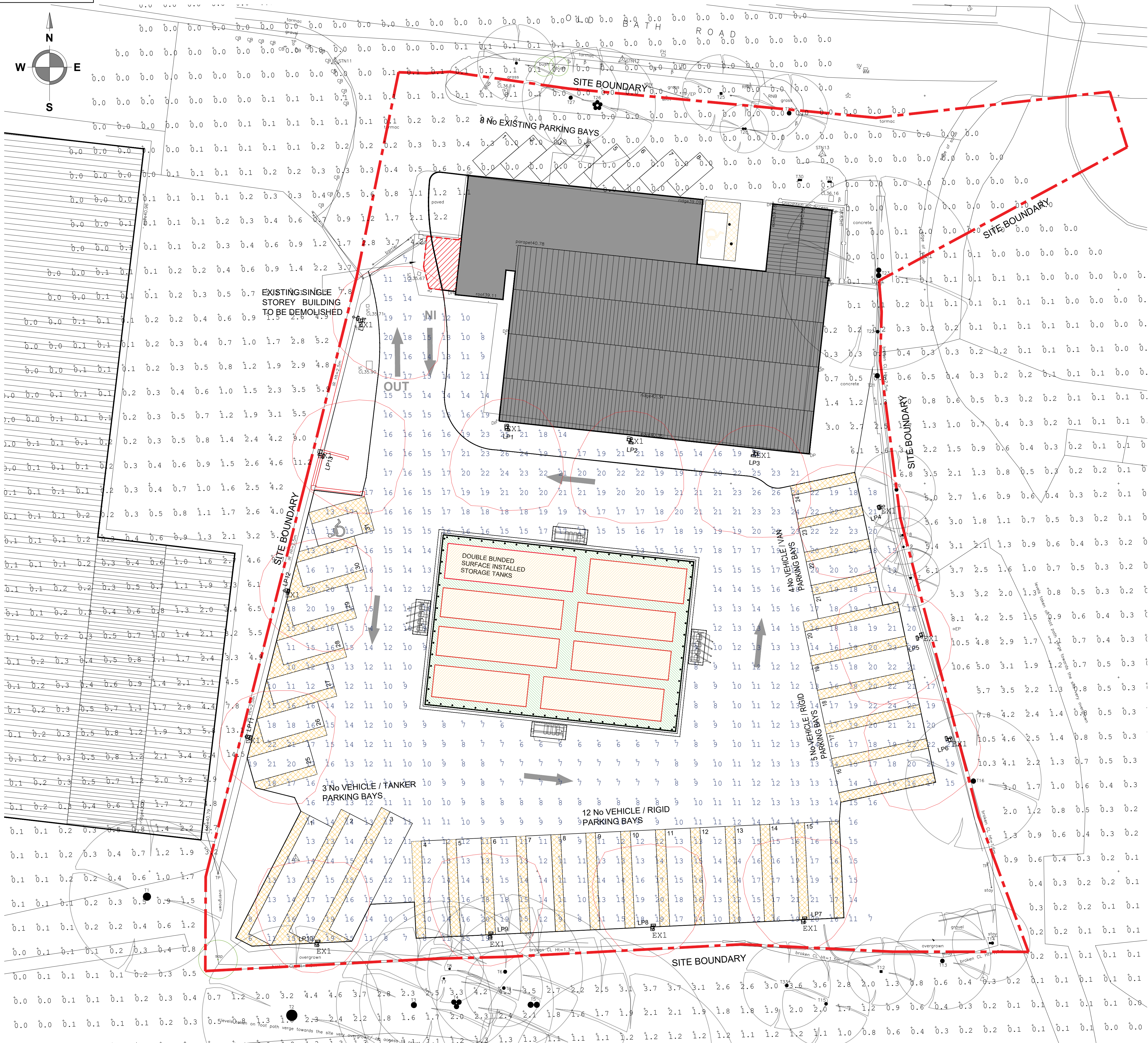
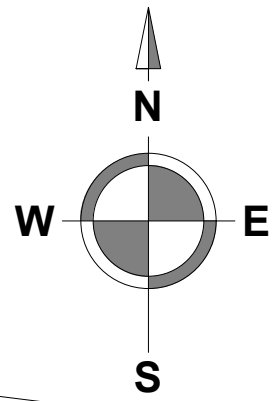


DO NOT SCALE - IF IN DOUBT ASK



#### GENERAL NOTES

This drawing is to be read in conjunction with all relevant Partington & Associates, architects, service engineers and subcontractor drawings.

Review all drawings and report any discrepancies to Partington & Associates prior to commencement.

| Luminaire Schedule |     |          |             |                                                                |
|--------------------|-----|----------|-------------|----------------------------------------------------------------|
| Label              | Qty | Sap Code | Arrangement | Description                                                    |
| EX1                | 14  | 92994329 | Single      | Exact specification for AreaFlood Pro to be agreed with client |

| LLF   | Luminaire Lumens | Arrangement Luminaire Lumens | UNLR % | Luminaire Watts | Total Watts | Lm/W | Mounting Height | Tilt |
|-------|------------------|------------------------------|--------|-----------------|-------------|------|-----------------|------|
| 0.780 | 6004             | 6004                         | 0.00   | 37              | 518         | 162  | 8               | 5    |

| Calculation Summary       |  |             |       |       |     |     |         |
|---------------------------|--|-------------|-------|-------|-----|-----|---------|
| Project: General Lighting |  | CalcType    | Units | AVG   | Max | Min | Min/Avg |
| Label                     |  | Illuminance | lux   | 14.58 | 26  | 6   | 0.41    |
| Site                      |  |             |       |       |     |     |         |

| Spill Lighting          |  |             |       |      |
|-------------------------|--|-------------|-------|------|
| Project: Spill lighting |  | CalcType    | Units | AVG  |
| Label                   |  | Illuminance | lux   | 0.93 |
| Surround Spill          |  |             |       | 14.5 |

| UNLR Area Summary        |             |       |   |
|--------------------------|-------------|-------|---|
| Label                    | Total Watts | UNLR  | % |
| Upward Waste light Ratio | 518         | 0.000 | 0 |

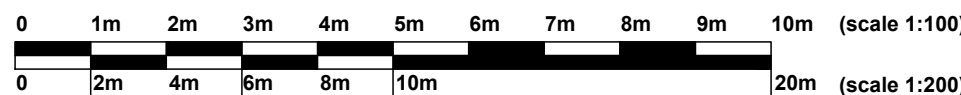
Note: Columns are given for guidance

Ref Exl 8m steel Stepped Column 96632559 + Single Bracket 96632568

A Structural Engineer should always advise on columns due to local wind speeds, soil conditions, Weights, Windages and Overturning moments



## PROPOSED LIGHTING PLAN (SCALE 1:200)



### FOR APPROVAL

| Revision                                                                                                                                                                                                                                                                                                                                                                                  | By | Check                                          | Date | Description   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------|------|---------------|
| <div><div><div>Partington &amp; Associates</div></div><div><div>Partington &amp; Associates Limited</div><div>Structural Design Consultants</div></div></div> <div><div>13 Gillibrand Street</div><div>Chorley</div><div>Lancashire PR7 2EJ</div></div> <div><div>Tel: 01257 249863</div><div>e-mail: admin@partington-associates.com</div><div>www.partington-associates.com</div></div> |    |                                                |      |               |
| Client                                                                                                                                                                                                                                                                                                                                                                                    |    | SPEEDY FUELS & LUBRICANTS LTD.                 |      | Scale @A1     |
| Project                                                                                                                                                                                                                                                                                                                                                                                   |    | OLD BATH ROAD<br>CHARVIL<br>READING (RG10 9QJ) |      | 1:200 / 1:100 |
| Title                                                                                                                                                                                                                                                                                                                                                                                     |    | PROPOSED EXTERNAL LIGHTING                     |      | Date          |
| Job No.                                                                                                                                                                                                                                                                                                                                                                                   |    | 5104-24                                        |      | Drawn         |
| Dwg No.                                                                                                                                                                                                                                                                                                                                                                                   |    | 80                                             |      | Check         |
| Rev.                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                |      | DO            |
| Approved                                                                                                                                                                                                                                                                                                                                                                                  |    |                                                |      |               |