

**TESTING DETAILS**

NEOTERIK ENGINEERING SERVICES  
FABRIKAT (NOTTINGHAM) LIMITED  
HAMILTON ROAD  
SUTTON-IN-ASHFIELD  
NOTTINGHAMSHIRE  
NG17 5LN  
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**CUSTOMER DETAILS**

EAST GRINSTEAD TENNIS SQUASH  
& RACKETBALL CLUB  
SHIP STREET  
EAST GRINSTEAD  
RH19 4EE

**DATE**

27/07/2026

**OUR REF**

000422

**CUSTOMER REFERENCE**

EGTSRC06072026

**SAP REF**

7111002232

To whom it may concern,

Thank you for choosing Neoterik for your column testing in accordance with ILP GN 22.

Please find below a summary of the results which were obtained, followed by a more detailed explanation on the pages that follow.

| RESULT                            | COLUMNS |
|-----------------------------------|---------|
| Columns Tested                    | 12      |
| <b>GN 22 CONDITION ASSESSMENT</b> |         |
| Passed                            | 12      |
| Failed                            | 0       |
| No result                         | 0       |
| <b>BS EN 40 CALCULATION</b>       |         |
| Passed                            | 8       |
| Passed with observation           | 1       |
| Failed                            | 3       |
| No result                         | 0       |

A column is certified only where it has passed both gates: the NDT/CCI condition assessment and the BS EN 40 structural design check. The two are counted separately above. A column shown as passed with observation has met the structural calculation, but its certificate records a condition or verification requirement that prevents an unrestricted pass.

If you have any questions or would like more information, please contact us on 01623 857169 or [info@neoterik.co.uk](mailto:info@neoterik.co.uk). Thank you again for choosing Neoterik (Fabrikat).

Yours faithfully,

Ray Young  
Neoterik Operations

## Report contents

Each link opens the Inspection Summary at the start of that asset's review. The page number is also shown for printed copies.

| ASSET                                                                   | SITE / LOCATION                                  | TEST DATE  | NDT / CCI CONDITION | BS EN 40 CALCULATION | STARTS  | REVIEW                      |
|-------------------------------------------------------------------------|--------------------------------------------------|------------|---------------------|----------------------|---------|-----------------------------|
| <b>no id</b><br>NDT ID 213048<br>TAPERED<br>9.50 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | FAIL                 | Page 3  | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213043<br>TAPERED<br>9.00 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 8  | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213050<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 13 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213051<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 18 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213052<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS + OBS           | Page 23 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213054<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 28 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213046<br>TAPERED<br>9.50 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 33 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213047<br>TAPERED<br>9.50 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | FAIL                 | Page 38 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213049<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 43 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213053<br>STEPPED TUB<br>8.00 m<br>Lighting: SOX | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 48 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213045<br>TAPERED<br>9.00 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | PASS                 | Page 53 | <a href="#">View review</a> |
| <b>no id</b><br>NDT ID 213044<br>TAPERED<br>9.50 m<br>Lighting: SOX     | <b>SHIP STREET</b><br>East Grinstead Tennis club | 17/07/2026 | PASS                | FAIL                 | Page 58 | <a href="#">View review</a> |

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213048                   |
| Northing   | 137766      | NDT / CCI condition status | <b>Amber Low</b>         |
| Easting    | 539474      | CCI score                  | 65.3 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 3 yr                     |
|            |             | Retest due                 | 17/07/2029               |

## OVERALL RESULT

**FAIL**

## BASIS OF RESULT

The column failed the BS EN 40 structural design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213048

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 12:00:24 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 5                          |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.50 m          |
| Ground level diameter             | 210.0 mm        |
| Top diameter                      | 115.9 mm        |
| Section thicknesses used in check | Tapered 2.80 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

## DESIGN CHECK RESULT

**FAIL**

## DESIGN BASIS

BS EN 40  
Governing design ratio 1.030  
The column failed the BS EN 40 structural design check.

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           |                            | Road number       |              | ID | no id |
| District / ward       | East Grinstead Tennis club | Column height (m) | 9.50         |    |       |
| City / town / village | SHIP STREET                | Heritage asset    | Not recorded |    |       |
| OSE / OSN             | 539474 / 137766            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |                |                |                         |   |   |   |   |                           |   |   |   |   |
|---|--------------------|----------------|----------------|-------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES            | PHOTO          |                         |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | FLANGED PLATED |                | INSPECTION EXTENT CODES |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | TAPERED        |                |                         |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |                |                |                         |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL          |                |                         |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED   | INTERNAL PHOTO |                         |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A            |                |                         |   |   |   |   |                           |   |   |   |   |

## EXTENT

A = No significant defect

B = Slight, not more than 5% of surface area/length/number

C = Moderate, 5% - 20% of surface area/length/number

D = Wide, 20% - 60% of surface area/length/number

E = Extensive, more than 60% of surface area/length/number

## SEVERITY

1 = As new condition, or defect has no significant effect on the element

2 = Early signs of deterioration; no reduction in functionality

3 = Moderate defect/damage; some loss of functionality could be expected

4 = Severe defect/damage; element close to failure/collapse

5 = The element or its protection is nonfunctional/failed

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 400 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 610 x 130 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       |              |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                      |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|----------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                      |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND               |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED           |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 46 µ B 39 µ C 27 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | NOT KNOWN            |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL               |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                      |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                      |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                   | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | LOW             |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                             |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
|-----------------------------|-------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---|---|---|
| 49. ULTRASONIC TEST SECTION |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| 1                           | Base diameter                 | 210.0 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 2                           | Base mean measured thickness  | 2.95 mm   |         |           |         |           |         |           |         |           |         |   |   |   |
| BASE THICKNESS READINGS     |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| Reading 1                   | 3.00 mm                       | Reading 2 | 3.00 mm | Reading 3 | 3.00 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |   |   |   |
| 6                           | Shaft diameter                | 200.0 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 7                           | Shaft mean measured thickness | 2.95 mm   |         |           |         |           |         |           |         |           |         |   |   |   |
| SHAFT THICKNESS READINGS    |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| Reading 1                   | 3.00 mm                       | Reading 2 | 3.00 mm | Reading 3 | 3.00 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |   |   |   |
| 10                          | Swage condition check         |           |         | PHOTO     | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 11                          | Depth of test                 |           |         |           |         |           |         |           |         |           |         |   |   |   |

## INSPECTION INFORMATION

|   |                             |                                                                                                                                         |              |
|---|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                                                                                                                      | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                                                                                                         | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                                                                                                              |              |
| 4 | Inspection operator         | Wayne Cocks                                                                                                                             |              |
| 5 | Comments                    | Corrosion showing through on shaft. Light capacitor not attached to backboard. Corrosion forming on flange plate. See additional images |              |

## ELEMENT CONDITION SCORES

|                     |                              |                                 |
|---------------------|------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber Low | GOVERNING SECTION LOSS<br>5.0 % |
|---------------------|------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | B2   | Very High  | 81.00  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | B2   | Very High  | 81.00  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Flange plate      | D2   | High       | 78.93  |
| Flange bolts      | E2   | Very High  | 65.32  |
| Flange gussets    | B2   | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

INSPECTION APPROVAL

|      |             |        |        |
|------|-------------|--------|--------|
| SITE | SHIP STREET | NDT ID | 213048 |
|------|-------------|--------|--------|

INSPECTOR'S COMMENTS

Corrosion showing through on shaft. Light capacitor not attached to backboard. Corrosion forming on flange plate. See additional images

DESIGNER'S OBSERVATION AND APPROVAL

None supplied

INSPECTOR  
Wayne Cocks

DATE  
17/07/2026

DESIGNER  
Dylan Attenborough

DATE  
27/07/2026

PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                       |
|------------|-------------|----------------------------|-----------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026            |
| Feature ID | no id       | NDT ID                     | 213043                |
| Northing   | 137802      | NDT / CCI condition status | <b>Amber Low</b>      |
| Easting    | 539470      | CCI score                  | 65.3 — Fair           |
|            |             | Loss of section            | <b>0.0 % (band 0)</b> |
|            |             | Retest time                | 3 yr                  |
|            |             | Retest due                 | 17/07/2029            |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213043

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 08:57:35 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 9                          |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.00 m          |
| Ground level diameter             | 217.0 mm        |
| Top diameter                      | 64.0 mm         |
| Section thicknesses used in check | Tapered 2.90 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.840

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 9.00         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539470 / 137802            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |                |                |                         |   |   |   |   |                           |   |   |   |   |
|---|--------------------|----------------|----------------|-------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES            | PHOTO          |                         |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | FLANGED PLATED |                | INSPECTION EXTENT CODES |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | TAPERED        |                |                         |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |                |                |                         |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL          |                |                         |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED   | INTERNAL PHOTO |                         |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A            |                |                         |   |   |   |   |                           |   |   |   |   |

## EXTENT

A = No significant defect

B = Slight, not more than 5% of surface area/length/number

C = Moderate, 5% - 20% of surface area/length/number

D = Wide, 20% - 60% of surface area/length/number

E = Extensive, more than 60% of surface area/length/number

## SEVERITY

1 = As new condition, or defect has no significant effect on the element

2 = Early signs of deterioration; no reduction in functionality

3 = Moderate defect/damage; some loss of functionality could be expected

4 = Severe defect/damage; element close to failure/collapse

5 = The element or its protection is nonfunctional/failed

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 400 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 610 x 130 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       |              |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                      |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|----------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                      |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND               |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED           |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 27 µ B 29 µ C 40 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | NOT KNOWN            |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL               |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                      |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                      |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                   | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                          |                               |           |         |           |         |           |         |           |         |           |         |   |   |
|--------------------------|-------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---|---|
| 1                        | Base diameter                 | 210.0 mm  | A       |           | B       | C         | D       | E         | 1       | 2         | 3       | 4 | 5 |
| 2                        | Base mean measured thickness  | 2.90 mm   |         |           |         |           |         |           |         |           |         |   |   |
| BASE THICKNESS READINGS  |                               |           |         |           |         |           |         |           |         |           |         |   |   |
| Reading 1                | 2.90 mm                       | Reading 2 | 2.90 mm | Reading 3 | 2.90 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |   |   |
| 6                        | Shaft diameter                | 200.0 mm  | A       |           | B       | C         | D       | E         | 1       | 2         | 3       | 4 | 5 |
| 7                        | Shaft mean measured thickness | 2.90 mm   |         |           |         |           |         |           |         |           |         |   |   |
| SHAFT THICKNESS READINGS |                               |           |         |           |         |           |         |           |         |           |         |   |   |
| Reading 1                | 2.90 mm                       | Reading 2 | 2.90 mm | Reading 3 | 2.90 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |   |   |
| 10                       | Swage condition check         |           |         | PHOTO     | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 |
| 11                       | Depth of test                 |           |         |           |         |           |         |           |         |           |         |   |   |

## INSPECTION INFORMATION

|   |                             |                                                                                                                     |              |
|---|-----------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                                                                                                  | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                                                                                     | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                                                                                          |              |
| 4 | Inspection operator         | Wayne Cocks                                                                                                         |              |
| 5 | Comments                    | Slight corrosion showing through on shaft. See additional images. Only two screws securing door. Six screws missing |              |

## ELEMENT CONDITION SCORES

|                                   |                                            |                                               |
|-----------------------------------|--------------------------------------------|-----------------------------------------------|
| <b>SITE</b><br><b>SHIP STREET</b> | <b>NEOTERIK STATUS</b><br><b>Amber Low</b> | <b>GOVERNING SECTION LOSS</b><br><b>0.0 %</b> |
|-----------------------------------|--------------------------------------------|-----------------------------------------------|

| ELEMENT           | CODE      | IMPORTANCE | SCORE  |
|-------------------|-----------|------------|--------|
| Foundation        | <b>B2</b> | Very High  | 81.00  |
| Base              | <b>B2</b> | Very High  | 81.00  |
| Shaft             | <b>B2</b> | Very High  | 81.00  |
| Door visual check | <b>A1</b> | Low        | 100.00 |
| Door aperture     | <b>A1</b> | Medium     | 100.00 |
| Flange plate      | <b>B2</b> | High       | 85.62  |
| Flange bolts      | <b>E2</b> | Very High  | 65.32  |
| Flange gussets    | <b>B2</b> | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213043

## INSPECTOR'S COMMENTS

Slight corrosion showing through on shaft. See additional images. Only two screws securing door. Six screws missing

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                                    |
|------------|-------------|----------------------------|------------------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026                         |
| Feature ID | no id       | NDT ID                     | 213050                             |
| Northing   | 137812      | NDT / CCI condition status | <b>Amber High - Planting issue</b> |
| Easting    | 539488      | CCI score                  | 81.0 — Fair                        |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b>           |
|            |             | Retest time                | 1 yr                               |
|            |             | Retest due                 | 17/07/2027                         |

**OVERALL RESULT**  
**PASS****BASIS OF RESULT**

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213050

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 12:45:16 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 11                         |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 193.7 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 3.90 mm · Shaft 3.70 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name          | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|-------------------------|------------------------|-----------------------------|-----------|
| Twin Ensolve Modular 30 | 0.000                  | 0.240                       | 75.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.420

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           |                            | Road number       |              | ID | no id |
| District / ward       | East Grinstead Tennis club | Column height (m) | 8.00         |    |       |
| City / town / village | SHIP STREET                | Heritage asset    | Not recorded |    |       |
| OSE / OSN             | 539488 / 137812            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

| Q1. COLUMN DATA |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
|-----------------|--------------------|--------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1               | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 2               | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                         |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
|                 |                    |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 3               | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4               | Column type        | STEPPED TUB  |                | EXTENT<br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number                                                                                    |   |   |   |   |                           |   |   |   |   |
| 5               | Year installed     |              |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 6               | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
|                 |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 7               | Ground conditions  | WELL DRAINED | INTERNAL PHOTO | SEVERITY<br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 8               | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |

| Q2. COLUMN DOOR |                                        |                         |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|-----------------|----------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 1               | Door visual check                      | YES                     | <div>PHOTO</div> <div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> </div> |  |  |  |  |  |  |  |  |  |  |
| 2               | Door damage                            | NO                      |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 3               | Door lock damage                       | NO                      |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 4               | Door accessible                        | YES                     |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 5               | Door height (GL to bottom of aperture) | 650 mm                  |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 6               | Door aperture 1                        | 500 × 110 mm gap 190 mm |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 7               | Door aperture 2                        | 500 × 110 mm            |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 8               | Backboard                              | YES                     |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 9               | Base height (GL to top of swage)       | 2030 mm                 |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |

| Q3. COLUMN ATTRIBUTES |                          |                      |              |
|-----------------------|--------------------------|----------------------|--------------|
| 1                     | External influences      |                      |              |
| 2                     | Environment conditions   | INLAND               |              |
| 3                     | Protective treatment     | GALVANISED           |              |
| 4                     | Galv / protect thickness | A 51 µ B 47 µ C 39 µ |              |
| 5                     | Root protection          | BITUMEN              |              |
| 6                     | Wind exposure            | NORMAL               |              |
| 7                     | Designed for fatigue     |                      |              |
| 8                     | Designed for attachments |                      |              |
| 9                     | Existence of attachments | No                   | PHOTO IF YES |

| Q4. COLUMN ATTRIBUTES |                    |                 |   |                    |                 |
|-----------------------|--------------------|-----------------|---|--------------------|-----------------|
| 1                     | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2                     | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3                     | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

| Q5. ULTRASONIC INSPECTION |               |          |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---------------|----------|---|---|---|---|---|---|---|---|---|---|
| 1                         | Base diameter | 193.7 mm | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |

|                                |                               |          |           |         |           |         |           |         |           |         |           |         |   |   |   |
|--------------------------------|-------------------------------|----------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---|---|---|
| 2                              | Base mean measured thickness  | 4.10 mm  |           |         |           |         |           |         |           |         |           |         |   |   |   |
| <b>BASE THICKNESS READINGS</b> |                               |          |           |         |           |         |           |         |           |         |           |         |   |   |   |
|                                | Reading 1                     | 4.10 mm  | Reading 2 | 4.10 mm | Reading 3 | 4.10 mm | Reading 4 | 4.10 mm | Reading 5 | 4.10 mm | Reading 6 | 4.10 mm |   |   |   |
| 6                              | Shaft diameter                | 114.3 mm |           |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 7                              | Shaft mean measured thickness | 3.75 mm  |           |         |           |         |           |         |           |         |           |         |   |   |   |

[illegible]

| INSPECTION INFORMATION |                             |                                                                                                       |              |
|------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------|--------------|
| 1                      | Visual endoscope inspection | NO                                                                                                    | PHOTO IF YES |
| 2                      | Visual bracket inspection   |                                                                                                       | PHOTO IF YES |
| 3                      | Inspection date             | 17/07/2026                                                                                            |              |
| 4                      | Inspection operator         | Wayne Cocks                                                                                           |              |
| 5                      | Comments                    | No colchek test because debris 10mm above ground level. No snake pictures because can't fit up column |              |

## ELEMENT CONDITION SCORES

|                     |                                                |                                 |
|---------------------|------------------------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber High - Planting issue | GOVERNING SECTION LOSS<br>5.0 % |
|---------------------|------------------------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | B2   | Very High  | 81.00  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | B2   | Very High  | 81.00  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Shaft swage       | B2   | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213050

## INSPECTOR'S COMMENTS

No colchek test because debris 10mm above ground level.  
No snake pictures because can't fit up column

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

**INSPECTOR**  
Wayne Cocks

**DATE**  
17/07/2026

**DESIGNER**  
Dylan Attenborough

**DATE**  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

14 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213051                   |
| Northing   | 137815      | NDT / CCI condition status | <b>Amber Low</b>         |
| Easting    | 539500      | CCI score                  | 74.5 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 3 yr                     |
|            |             | Retest due                 | 17/07/2029               |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213051

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 12:57:04 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 6                          |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 168.3 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 4.13 mm · Shaft 4.10 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.400

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 8.00         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539500 / 137815            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
|---|--------------------|--------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | STEPPED TUB  |                | <b>EXTENT</b><br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number<br><b>SEVERITY</b><br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED | INTERNAL PHOTO |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 560 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 500 x 120 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       | 1220 mm      |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                         |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|-------------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                         |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND                  |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED              |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 141 µ B 185 µ C 108 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | BITUMEN                 |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL                  |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                         |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                         |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                      | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                             |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
|-----------------------------|-------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---|---|---|
| 49. ULTRASONIC TEST SECTION |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| 1                           | Base diameter                 | 168.3 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 2                           | Base mean measured thickness  | 4.35 mm   |         |           |         |           |         |           |         |           |         |   |   |   |
| BASE THICKNESS READINGS     |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| Reading 1                   | 4.40 mm                       | Reading 2 | 4.40 mm | Reading 3 | 4.40 mm | Reading 4 | 4.30 mm | Reading 5 | 4.30 mm | Reading 6 | 4.30 mm |   |   |   |
| 6                           | Shaft diameter                | 114.3 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 7                           | Shaft mean measured thickness | 4.15 mm   |         |           |         |           |         |           |         |           |         |   |   |   |
| SHAFT THICKNESS READINGS    |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |
| Reading 1                   | 4.20 mm                       | Reading 2 | 4.20 mm | Reading 3 | 4.20 mm | Reading 4 | 4.10 mm | Reading 5 | 4.10 mm | Reading 6 | 4.10 mm |   |   |   |
| 10                          | Swage condition check         | GOOD      |         | PHOTO     | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |
| 11                          | Depth of test                 | 300 mm    |         |           |         |           |         |           |         |           |         |   |   |   |

## INSPECTION INFORMATION

|   |                             |                                                                                                          |              |
|---|-----------------------------|----------------------------------------------------------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                                                                                       | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                                                                          | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                                                                               |              |
| 4 | Inspection operator         | Wayne Cocks                                                                                              |              |
| 5 | Comments                    | No snake pictures because can't fit up column. Corrosion showing through on shaft. See additional images |              |

## ELEMENT CONDITION SCORES

|                                   |                                            |                                               |
|-----------------------------------|--------------------------------------------|-----------------------------------------------|
| <b>SITE</b><br><b>SHIP STREET</b> | <b>NEOTERIK STATUS</b><br><b>Amber Low</b> | <b>GOVERNING SECTION LOSS</b><br><b>5.0 %</b> |
|-----------------------------------|--------------------------------------------|-----------------------------------------------|

| ELEMENT           | CODE      | IMPORTANCE | SCORE  |
|-------------------|-----------|------------|--------|
| Foundation        | <b>B2</b> | Very High  | 81.00  |
| Base              | <b>B2</b> | Very High  | 81.00  |
| Shaft             | <b>D2</b> | Very High  | 74.52  |
| Door visual check | <b>A1</b> | Low        | 100.00 |
| Door aperture     | <b>A1</b> | Medium     | 100.00 |
| Shaft swage       | <b>B2</b> | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213051

## INSPECTOR'S COMMENTS

No snake pictures because can't fit up column. Corrosion showing through on shaft. See additional images

INSPECTOR  
Wayne CocksDATE  
17/07/2026

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

13 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                                    |
|------------|-------------|----------------------------|------------------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026                         |
| Feature ID | no id       | NDT ID                     | 213052                             |
| Northing   | 137847      | NDT / CCI condition status | <b>Amber High - Planting issue</b> |
| Easting    | 539484      | CCI score                  | 81.0 — Fair                        |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b>           |
|            |             | Retest time                | 1 yr                               |
|            |             | Retest due                 | 17/07/2027                         |

## OVERALL RESULT

**PASS WITH  
OBSERVATION**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

This qualified result is subject to the designer's observation and approval on the final page.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213052

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 13:12:40 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 12                         |



SCAN FOR IMAGES

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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 193.7 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 4.13 mm · Shaft 2.00 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name          | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|-------------------------|------------------------|-----------------------------|-----------|
| Twin Ensolve Modular 30 | 0.000                  | 0.240                       | 75.00     |

## INSPECTION SCOPE

Electrical supply Not Required

## ENGINEERING THICKNESS OVERRIDE

The thickness used in the design differs from the imported inspection record.

## Shaft wall thickness

Imported inspection value: 1.00 mm Value used in structural calculation: 2.00 mm

The effective thickness available for the structural check, after allowing for any applicable loss of section, must be verified as at least 2.00 mm before an unrestricted pass can be issued.

## DESIGN CHECK RESULT

**PASS WITH  
OBSERVATION**

## DESIGN BASIS

BS EN 40

Governing design ratio 0.820

This qualified result is subject to the designer's observation and approval on the final page.

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           |                            | Road number       |              | ID | no id |
| District / ward       | East Grinstead Tennis club | Column height (m) | 8.00         |    |       |
| City / town / village | SHIP STREET                | Heritage asset    | Not recorded |    |       |
| OSE / OSN             | 539484 / 137847            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

| Q1. COLUMN DATA |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
|-----------------|--------------------|--------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1               | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 2               | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                         |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3               | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4               | Column type        | STEPPED TUB  | INTERNAL PHOTO | EXTENT<br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number                                                                                    |   |   |   |   |                           |   |   |   |   |
| 5               | Year installed     |              |                | SEVERITY<br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 6               | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 7               | Ground conditions  | WELL DRAINED |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 8               | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |

| Q2. COLUMN DOOR |                                        |                         |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
|-----------------|----------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| 1               | Door visual check                      | YES                     | <div>PHOTO</div> <div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> </div> |  |  |  |  |  |  |  |  |  |
| 2               | Door damage                            | NO                      |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 3               | Door lock damage                       | NO                      |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 4               | Door accessible                        | YES                     |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 5               | Door height (GL to bottom of aperture) | 680 mm                  |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 6               | Door aperture 1                        | 500 × 110 mm gap 190 mm |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 7               | Door aperture 2                        | 500 × 110 mm            |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 8               | Backboard                              | YES                     |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 9               | Base height (GL to top of swage)       | 2060 mm                 |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |

| Q3. COLUMN ATTRIBUTES |                          |                        |              |
|-----------------------|--------------------------|------------------------|--------------|
| 1                     | External influences      |                        |              |
| 2                     | Environment conditions   | INLAND                 |              |
| 3                     | Protective treatment     | GALVANISED             |              |
| 4                     | Galv / protect thickness | A 102 µ B 94 µ C 100 µ |              |
| 5                     | Root protection          | BITUMEN                |              |
| 6                     | Wind exposure            | NORMAL                 |              |
| 7                     | Designed for fatigue     |                        |              |
| 8                     | Designed for attachments |                        |              |
| 9                     | Existence of attachments | No                     | PHOTO IF YES |

| Q4. COLUMN ATTRIBUTES |                    |                 |   |                    |                 |
|-----------------------|--------------------|-----------------|---|--------------------|-----------------|
| 1                     | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2                     | Traffic flow       | NONE            | 5 | Pedestrian density | NONE            |
| 3                     | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

| Q5. ULTRASONIC INSPECTION |                               |          |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |
|---------------------------|-------------------------------|----------|-----------|-------|---------|-----------|---|---------|-----------|---|---------|-----------|---|---------|-----------|--|---------|
| 1                         | Base diameter                 | 193.7 mm |           | A     | B       | C         | D | E       | 1         | 2 | 3       | 4         | 5 |         |           |  |         |
| 2                         | Base mean measured thickness  | 4.35 mm  |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |
| BASE THICKNESS READINGS   |                               |          |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |
| Reading 1                 |                               | 4.40 mm  | Reading 2 |       | 4.40 mm | Reading 3 |   | 4.40 mm | Reading 4 |   | 4.30 mm | Reading 5 |   | 4.30 mm | Reading 6 |  | 4.30 mm |
| 6                         | Shaft diameter                | 114.3 mm |           | A     | B       | C         | D | E       | 1         | 2 | 3       | 4         | 5 |         |           |  |         |
| 7                         | Shaft mean measured thickness | 1.00 mm  |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |
| SHAFT THICKNESS READINGS  |                               |          |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |
| Reading 1                 |                               | 1.00 mm  | Reading 2 |       | 1.00 mm | Reading 3 |   | 1.00 mm | Reading 4 |   | 1.00 mm | Reading 5 |   | 1.00 mm | Reading 6 |  | 1.00 mm |
| 10                        | Swage condition check         | GOOD     |           | PHOTO | A       | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |           |  |         |
| 11                        | Depth of test                 |          |           |       |         |           |   |         |           |   |         |           |   |         |           |  |         |

| INSPECTION INFORMATION |                             |                                                                                                        |              |
|------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------|--------------|
| 1                      | Visual endoscope inspection | NO                                                                                                     | PHOTO IF YES |
| 2                      | Visual bracket inspection   |                                                                                                        | PHOTO IF YES |
| 3                      | Inspection date             | 17/07/2026                                                                                             |              |
| 4                      | Inspection operator         | Wayne Cocks                                                                                            |              |
| 5                      | Comments                    | No colchek test because debris 200mm above ground level. No snake pictures because can't fit up column |              |

## ELEMENT CONDITION SCORES

|                                   |                                                              |                                               |
|-----------------------------------|--------------------------------------------------------------|-----------------------------------------------|
| <b>SITE</b><br><b>SHIP STREET</b> | <b>NEOTERIK STATUS</b><br><b>Amber High - Planting issue</b> | <b>GOVERNING SECTION LOSS</b><br><b>5.0 %</b> |
|-----------------------------------|--------------------------------------------------------------|-----------------------------------------------|

| ELEMENT           | CODE      | IMPORTANCE | SCORE  |
|-------------------|-----------|------------|--------|
| Foundation        | <b>B2</b> | Very High  | 81.00  |
| Base              | <b>B2</b> | Very High  | 81.00  |
| Shaft             | <b>B2</b> | Very High  | 81.00  |
| Door visual check | <b>A1</b> | Low        | 100.00 |
| Door aperture     | <b>A1</b> | Medium     | 100.00 |
| Shaft swage       | <b>B2</b> | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213052

## INSPECTOR'S COMMENTS

No colchek test because debris 200mm above ground level.  
No snake pictures because can't fit up column

INSPECTOR  
Wayne CocksDATE  
17/07/2026

## DESIGNER'S OBSERVATION AND APPROVAL

ENGINEER WAS NOT ABLE TO VERIFY SHAFT THICKNESS.  
MINIMUM SHAFT THICKNESS REQUIRED IS 2MM. PLEASE  
VERIFY THROUGH MANUFACTURERES DATASHEET AND  
INSPECTION FOR LOSS OF SECTION BEFORE CONSIDERING  
A FULL PASS

DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

14 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213054                   |
| Northing   | 137851      | NDT / CCI condition status | <b>Amber High</b>        |
| Easting    | 539496      | CCI score                  | 78.9 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 4 yr                     |
|            |             | Retest due                 | 17/07/2030               |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213054

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 13:48:21 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 7                          |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 168.3 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 4.04 mm · Shaft 4.00 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.410

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           |                            | Road number       |              | ID | no id |
| District / ward       | East Grinstead Tennis club | Column height (m) | 8.00         |    |       |
| City / town / village | SHIP STREET                | Heritage asset    | Not recorded |    |       |
| OSE / OSN             | 539496 / 137851            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

| Q1. COLUMN DATA |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
|-----------------|--------------------|--------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1               | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 2               | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                         |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3               | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4               | Column type        | STEPPED TUB  | INTERNAL PHOTO | EXTENT<br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number                                                                                    |   |   |   |   |                           |   |   |   |   |
| 5               | Year installed     |              |                | SEVERITY<br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 6               | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 7               | Ground conditions  | WELL DRAINED |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 8               | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |

| Q2. COLUMN DOOR |                                        |              |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
|-----------------|----------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| 1               | Door visual check                      | YES          | <div>PHOTO</div> <div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> </div> |  |  |  |  |  |  |  |  |  |
| 2               | Door damage                            | NO           |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 3               | Door lock damage                       | NO           |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 4               | Door accessible                        | YES          |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 5               | Door height (GL to bottom of aperture) | 530 mm       |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 6               | Door aperture 1                        | 500 × 120 mm |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 7               | Door aperture 2                        |              |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 8               | Backboard                              | YES          |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 9               | Base height (GL to top of swage)       | 1190 mm      |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |

| Q3. COLUMN ATTRIBUTES |                          |                        |              |
|-----------------------|--------------------------|------------------------|--------------|
| 1                     | External influences      |                        |              |
| 2                     | Environment conditions   | INLAND                 |              |
| 3                     | Protective treatment     | GALVANISED             |              |
| 4                     | Galv / protect thickness | A 86 µ B 107 µ C 114 µ |              |
| 5                     | Root protection          | BITUMEN                |              |
| 6                     | Wind exposure            | NORMAL                 |              |
| 7                     | Designed for fatigue     |                        |              |
| 8                     | Designed for attachments |                        |              |
| 9                     | Existence of attachments | No                     | PHOTO IF YES |

| Q4. COLUMN ATTRIBUTES |                    |                 |   |                    |                 |
|-----------------------|--------------------|-----------------|---|--------------------|-----------------|
| 1                     | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2                     | Traffic flow       | NONE            | 5 | Pedestrian density | NONE            |
| 3                     | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

| Q5. ULTRASONIC INSPECTION |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
|---------------------------|-------------------------------|-------|----|-----------|-------|----|-----------|------|----|-----------|------|----|-----------|------|----|-----------|------|----|
| 1                         | Base diameter                 | 168.3 | mm |           | A     | B  | C         | D    | E  | 1         | 2    | 3  | 4         | 5    |    |           |      |    |
| 2                         | Base mean measured thickness  | 4.25  | mm |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| BASE THICKNESS READINGS   |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| Reading 1                 |                               | 4.30  | mm | Reading 2 | 4.30  | mm | Reading 3 | 4.30 | mm | Reading 4 | 4.20 | mm | Reading 5 | 4.20 | mm | Reading 6 | 4.20 | mm |
| 6                         | Shaft diameter                | 114.3 | mm |           | A     | B  | C         | D    | E  | 1         | 2    | 3  | 4         | 5    |    |           |      |    |
| 7                         | Shaft mean measured thickness | 4.05  | mm |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| SHAFT THICKNESS READINGS  |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| Reading 1                 |                               | 4.10  | mm | Reading 2 | 4.10  | mm | Reading 3 | 4.10 | mm | Reading 4 | 4.00 | mm | Reading 5 | 4.00 | mm | Reading 6 | 4.00 | mm |
| 10                        | Swage condition check         | GOOD  |    |           | PHOTO | A  | B         | C    | D  | E         | 1    | 2  | 3         | 4    | 5  |           |      |    |
| 11                        | Depth of test                 | 300   | mm |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |








## ELEMENT CONDITION SCORES

|                                   |                                             |                                               |
|-----------------------------------|---------------------------------------------|-----------------------------------------------|
| <b>SITE</b><br><b>SHIP STREET</b> | <b>NEOTERIK STATUS</b><br><b>Amber High</b> | <b>GOVERNING SECTION LOSS</b><br><b>5.0 %</b> |
|-----------------------------------|---------------------------------------------|-----------------------------------------------|

| ELEMENT           | CODE      | IMPORTANCE | SCORE  |
|-------------------|-----------|------------|--------|
| Foundation        | <b>C2</b> | Very High  | 78.88  |
| Base              | <b>B2</b> | Very High  | 81.00  |
| Shaft             | <b>B2</b> | Very High  | 81.00  |
| Door visual check | <b>A1</b> | Low        | 100.00 |
| Door aperture     | <b>A1</b> | Medium     | 100.00 |
| Shaft swage       | <b>B2</b> | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213054

## INSPECTOR'S COMMENTS

Column leaning. Shaft slightly bent. See additional images

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

13 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213046                   |
| Northing   | 137770      | NDT / CCI condition status | <b>Amber Low</b>         |
| Easting    | 539501      | CCI score                  | 65.3 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 3 yr                     |
|            |             | Retest due                 | 17/07/2029               |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213046

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 11:17:26 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 4                          |



SCAN FOR IMAGES

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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.50 m          |
| Ground level diameter             | 220.0 mm        |
| Top diameter                      | 31.9 mm         |
| Section thicknesses used in check | Tapered 2.80 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.830

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 9.50         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539501 / 137770            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |                |                |                         |   |   |   |   |                           |   |   |   |   |
|---|--------------------|----------------|----------------|-------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES            | PHOTO          |                         |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | FLANGED PLATED |                | INSPECTION EXTENT CODES |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | TAPERED        |                |                         |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |                |                |                         |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL          |                |                         |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED   | INTERNAL PHOTO |                         |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A            |                |                         |   |   |   |   |                           |   |   |   |   |

## EXTENT

A = No significant defect  
 B = Slight, not more than 5% of surface area/length/number  
 C = Moderate, 5% - 20% of surface area/length/number  
 D = Wide, 20% - 60% of surface area/length/number  
 E = Extensive, more than 60% of surface area/length/number

## SEVERITY

1 = As new condition, or defect has no significant effect on the element  
 2 = Early signs of deterioration; no reduction in functionality  
 3 = Moderate defect/damage; some loss of functionality could be expected  
 4 = Severe defect/damage; element close to failure/collapse  
 5 = The element or its protection is nonfunctional/failed

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 400 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 610 x 130 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       |              |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                      |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|----------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                      |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND               |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED           |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 32 µ B 29 µ C 46 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | NOT KNOWN            |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL               |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                      |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                      |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                   | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | LOW             |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                           |                               |         |          |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
|---------------------------|-------------------------------|---------|----------|-----------|---|---------|-------|-----------|---|---------|---|-----------|---|---------|---|-----------|---|---------|---|-----------|--|---------|--|---|--|---|--|
| 49. PERSONAL TEST SECTION |                               |         |          |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
| 1                         | Base diameter                 |         | 220.0 mm |           | A |         | B     |           | C |         | D |           | E |         | 1 | 2         |   | 3       |   | 4         |  | 5       |  |   |  |   |  |
| 2                         | Base mean measured thickness  |         | 2.95 mm  |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
| BASE THICKNESS READINGS   |                               |         |          |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
| Reading 1                 |                               | 3.00 mm |          | Reading 2 |   | 3.00 mm |       | Reading 3 |   | 3.00 mm |   | Reading 4 |   | 2.90 mm |   | Reading 5 |   | 2.90 mm |   | Reading 6 |  | 2.90 mm |  |   |  |   |  |
| 6                         | Shaft diameter                |         | 200.0 mm |           | A |         | B     |           | C |         | D |           | E |         | 1 | 2         |   | 3       |   | 4         |  | 5       |  |   |  |   |  |
| 7                         | Shaft mean measured thickness |         | 2.95 mm  |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
| SHAFT THICKNESS READINGS  |                               |         |          |           |   |         |       |           |   |         |   |           |   |         |   |           |   |         |   |           |  |         |  |   |  |   |  |
| Reading 1                 |                               | 3.00 mm |          | Reading 2 |   | 3.00 mm |       | Reading 3 |   | 3.00 mm |   | Reading 4 |   | 2.90 mm |   | Reading 5 |   | 2.90 mm |   | Reading 6 |  | 2.90 mm |  |   |  |   |  |
| 10                        | Swage condition check         |         |          |           |   |         | PHOTO |           | A |         | B |           | C |         | D |           | E |         | 1 | 2         |  | 3       |  | 4 |  | 5 |  |
| 11                        | Depth of test                 |         |          |           |   |         |       |           | A |         | B |           | C |         | D |           | E |         | 1 | 2         |  | 3       |  | 4 |  | 5 |  |

## INSPECTION INFORMATION

|   |                             |                                                                                                                                                                                      |              |
|---|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                                                                                                                                                                   | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                                                                                                                                                      | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                                                                                                                                                           |              |
| 4 | Inspection operator         | Wayne Cocks                                                                                                                                                                          |              |
| 5 | Comments                    | Slight corrosion internally. Ground underneath flange plate being washed away. Corrosion forming on flange plate. Slightly corrosion showing through on shaft. See additional images |              |

## ELEMENT CONDITION SCORES

|                     |                              |                                 |
|---------------------|------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber Low | GOVERNING SECTION LOSS<br>5.0 % |
|---------------------|------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | C2   | Very High  | 78.88  |
| Base              | D2   | Very High  | 74.52  |
| Shaft             | B2   | Very High  | 81.00  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Flange plate      | D2   | High       | 78.93  |
| Flange bolts      | E2   | Very High  | 65.32  |
| Flange gussets    | B2   | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213046

## INSPECTOR'S COMMENTS

Slight corrosion internally. Ground underneath flange plate being washed away. Corrosion forming on flange plate. Slightly corrosion showing through on shaft. See additional images

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213047                   |
| Northing   | 137770      | NDT / CCI condition status | <b>Amber Low</b>         |
| Easting    | 539489      | CCI score                  | 65.3 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 3 yr                     |
|            |             | Retest due                 | 17/07/2029               |

## OVERALL RESULT

**FAIL**

## BASIS OF RESULT

The column failed the BS EN 40 structural design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213047

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 11:39:06 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 2                          |



SCAN FOR IMAGES

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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.50 m          |
| Ground level diameter             | 210.0 mm        |
| Top diameter                      | 115.9 mm        |
| Section thicknesses used in check | Tapered 2.80 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

## DESIGN CHECK RESULT

**FAIL**

## DESIGN BASIS

BS EN 40  
Governing design ratio 1.030  
The column failed the BS EN 40 structural design check.

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 9.50         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539489 / 137770            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

| Q1. COLUMN DATA |                    |                |                |  |  |  |  |  |  |
|-----------------|--------------------|----------------|----------------|--|--|--|--|--|--|
| 1               | Column check       | YES            | PHOTO          |  |  |  |  |  |  |
| 2               | Foundation         | FLANGED PLATED |                |  |  |  |  |  |  |
| 3               | Flange plate       |                |                |  |  |  |  |  |  |
|                 | Flange gussets     |                |                |  |  |  |  |  |  |
|                 | Holding down bolts |                |                |  |  |  |  |  |  |
| 4               | Column type        | TAPERED        |                |  |  |  |  |  |  |
| 5               | Year installed     |                |                |  |  |  |  |  |  |
| 6               | Column material    | STEEL          |                |  |  |  |  |  |  |
| 7               | Ground conditions  | WELL DRAINED   | INTERNAL PHOTO |  |  |  |  |  |  |
| 8               | Salting of road    | N/A            |                |  |  |  |  |  |  |

## INSPECTION EXTENT CODES

## INSPECTION SEVERITY CODES

A B C D E 1 2 3 4 5

A B C D E 1 2 3 4 5

A B C D E 1 2 3 4 5

A B C D E 1 2 3 4 5

A B C D E 1 2 3 4 5

A B C D E 1 2 3 4 5

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| Q2. COLUMN DOOR |                                        |              |       |   |   |   |   |   |   |
|-----------------|----------------------------------------|--------------|-------|---|---|---|---|---|---|
| 1               | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 |
| 2               | Door damage                            | NO           |       |   |   |   |   |   | 2 |
| 3               | Door lock damage                       | NO           |       |   |   |   |   |   | 3 |
| 4               | Door accessible                        | YES          |       |   |   |   |   |   | 4 |
| 5               | Door height (GL to bottom of aperture) | 400 mm       |       |   |   |   |   |   | 5 |
| 6               | Door aperture 1                        | 610 x 130 mm |       |   |   |   |   |   |   |
| 7               | Door aperture 2                        |              |       |   |   |   |   |   |   |
| 8               | Backboard                              | YES          |       |   |   |   |   |   |   |
| 9               | Base height (GL to top of swage)       |              |       |   |   |   |   |   |   |

| Q3. COLUMN ATTRIBUTES |                          |                      |              |  |  |  |  |  |  |
|-----------------------|--------------------------|----------------------|--------------|--|--|--|--|--|--|
| 1                     | External influences      |                      |              |  |  |  |  |  |  |
| 2                     | Environment conditions   | INLAND               |              |  |  |  |  |  |  |
| 3                     | Protective treatment     | GALVANISED           |              |  |  |  |  |  |  |
| 4                     | Galv / protect thickness | A 39 µ B 17 µ C 43 µ |              |  |  |  |  |  |  |
| 5                     | Root protection          | NOT KNOWN            |              |  |  |  |  |  |  |
| 6                     | Wind exposure            | NORMAL               |              |  |  |  |  |  |  |
| 7                     | Designed for fatigue     |                      |              |  |  |  |  |  |  |
| 8                     | Designed for attachments |                      |              |  |  |  |  |  |  |
| 9                     | Existence of attachments | No                   | PHOTO IF YES |  |  |  |  |  |  |

| Q4. COLUMN ATTRIBUTES |                    |                 |   |                    |                 |  |  |  |  |
|-----------------------|--------------------|-----------------|---|--------------------|-----------------|--|--|--|--|
| 1                     | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |  |  |  |  |
| 2                     | Traffic flow       | NONE            | 5 | Pedestrian density | LOW             |  |  |  |  |
| 3                     | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |  |  |  |  |

| Q5. ULTRASONIC INSPECTION |                              |          |   |   |   |   |   |   |   |
|---------------------------|------------------------------|----------|---|---|---|---|---|---|---|
| 1                         | Base diameter                | 210.0 mm | A | B | C | D | E | 1 | 2 |
| 2                         | Base mean measured thickness | 2.95 mm  |   |   |   |   |   |   |   |

## BASE THICKNESS READINGS

|           |         |           |         |           |         |           |         |           |         |           |         |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| Reading 1 | 3.00 mm | Reading 2 | 3.00 mm | Reading 3 | 3.00 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|

|   |                               |          |   |   |   |   |   |   |   |   |   |   |
|---|-------------------------------|----------|---|---|---|---|---|---|---|---|---|---|
| 6 | Shaft diameter                | 200.0 mm | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 7 | Shaft mean measured thickness | 2.95 mm  |   |   |   |   |   |   |   |   |   |   |

## SHAFT THICKNESS READINGS

|           |         |           |         |           |         |           |         |           |         |           |         |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| Reading 1 | 3.00 mm | Reading 2 | 3.00 mm | Reading 3 | 3.00 mm | Reading 4 | 2.90 mm | Reading 5 | 2.90 mm | Reading 6 | 2.90 mm |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|

|    |                       |  |       |   |   |   |   |   |   |   |   |   |   |
|----|-----------------------|--|-------|---|---|---|---|---|---|---|---|---|---|
| 10 | Swage condition check |  | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 11 | Depth of test         |  |       |   |   |   |   |   |   |   |   |   |   |

| INSPECTION INFORMATION |                             |                                                                                                                                                                        |  |  |  |  |  |  |              |
|------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--------------|
| 1                      | Visual endoscope inspection | NO                                                                                                                                                                     |  |  |  |  |  |  | PHOTO IF YES |
| 2                      | Visual bracket inspection   |                                                                                                                                                                        |  |  |  |  |  |  | PHOTO IF YES |
| 3                      | Inspection date             | 17/07/2026                                                                                                                                                             |  |  |  |  |  |  |              |
| 4                      | Inspection operator         | Wayne Cocks                                                                                                                                                            |  |  |  |  |  |  |              |
| 5                      | Comments                    | Ground underneath flange plate slightly washed away. Corrosion forming on one side of flange plate. Corrosion starting to show through on shaft. See additional images |  |  |  |  |  |  |              |

## ELEMENT CONDITION SCORES

|                     |                              |                                 |
|---------------------|------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber Low | GOVERNING SECTION LOSS<br>5.0 % |
|---------------------|------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | C2   | Very High  | 78.88  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | B2   | Very High  | 81.00  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Flange plate      | C2   | High       | 83.44  |
| Flange bolts      | E2   | Very High  | 65.32  |
| Flange gussets    | B2   | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213047

## INSPECTOR'S COMMENTS

Ground underneath flange plate slightly washed away.  
Corrosion forming on one side of flange plate. Corrosion  
starting to show through on shaft. See additional images

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                                    |
|------------|-------------|----------------------------|------------------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026                         |
| Feature ID | no id       | NDT ID                     | 213049                             |
| Northing   | 137811      | NDT / CCI condition status | <b>Amber High - Planting issue</b> |
| Easting    | 539473      | CCI score                  | 81.0 — Fair                        |
|            |             | Loss of section            | <b>0.0 % (band 0)</b>              |
|            |             | Retest time                | 1 yr                               |
|            |             | Retest due                 | 17/07/2027                         |

**OVERALL RESULT**  
**PASS****BASIS OF RESULT**

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213049

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 12:28:04 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 10                         |



SCAN FOR IMAGES

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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 168.3 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 4.25 mm · Shaft 4.00 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

**DESIGN CHECK RESULT**  
**PASS****DESIGN BASIS**  
BS EN 40  
Governing design ratio 0.380

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 8.00         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539473 / 137811            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
|---|--------------------|--------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | STEPPED TUB  |                | <b>EXTENT</b><br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number<br><b>SEVERITY</b><br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED | INTERNAL PHOTO |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 560 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 500 x 120 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       | 1220 mm      |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                       |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|-----------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                       |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND                |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED            |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 96 µ B 109 µ C 83 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | BITUMEN               |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL                |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                       |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                       |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                    | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                             |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |   |
|-----------------------------|-------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|---|---|---|---|
| 49. ULTRASONIC TEST SECTION |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |   |
| 1                           | Base diameter                 | 168.3 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |   |
| 2                           | Base mean measured thickness  | 4.25 mm   |         |           |         |           |         |           |         |           |         |   |   |   |   |
| BASE THICKNESS READINGS     |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |   |
| Reading 1                   | 4.30 mm                       | Reading 2 | 4.30 mm | Reading 3 | 4.30 mm | Reading 4 | 4.20 mm | Reading 5 | 4.20 mm | Reading 6 | 4.20 mm |   |   |   |   |
| 6                           | Shaft diameter                | 114.3 mm  |         |           | A       | B         | C       | D         | E       | 1         | 2       | 3 | 4 | 5 |   |
| 7                           | Shaft mean measured thickness | 4.00 mm   |         |           |         |           |         |           |         |           |         |   |   |   |   |
| SHAFT THICKNESS READINGS    |                               |           |         |           |         |           |         |           |         |           |         |   |   |   |   |
| Reading 1                   | 4.00 mm                       | Reading 2 | 4.00 mm | Reading 3 | 4.00 mm | Reading 4 | 4.00 mm | Reading 5 | 4.00 mm | Reading 6 | 4.00 mm |   |   |   |   |
| 10                          | Swage condition check         | GOOD      |         |           | PHOTO   | A         | B       | C         | D       | E         | 1       | 2 | 3 | 4 | 5 |
| 11                          | Depth of test                 | 0 mm      |         |           |         |           |         |           |         |           |         |   |   |   |   |

## INSPECTION INFORMATION

|   |                             |                                                         |              |
|---|-----------------------------|---------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | YES                                                     | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                         | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                              |              |
| 4 | Inspection operator         | Wayne Cocks                                             |              |
| 5 | Comments                    | No colchek test because debris 100mm above ground level |              |

## ELEMENT CONDITION SCORES

|                     |                                                |                                 |
|---------------------|------------------------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber High - Planting issue | GOVERNING SECTION LOSS<br>0.0 % |
|---------------------|------------------------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | B2   | Very High  | 81.00  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | B2   | Very High  | 81.00  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Shaft swage       | B2   | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213049

## INSPECTOR'S COMMENTS

No colchek test because debris 100mm above ground level

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

14 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213053                   |
| Northing   | 137847      | NDT / CCI condition status | <b>Amber High</b>        |
| Easting    | 539466      | CCI score                  | 81.0 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 4 yr                     |
|            |             | Retest due                 | 17/07/2030               |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213053

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 13:23:48 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 1                          |



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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                              |
|-----------------------------------|------------------------------|
| Column construction               | Stepped Tub                  |
| Column height                     | 8.00 m                       |
| Base diameter                     | 168.3 mm                     |
| Shaft diameter                    | 114.3 mm                     |
| Section thicknesses used in check | Base 4.04 mm · Shaft 4.00 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

Electrical supply Not Required

DESIGN CHECK RESULT  
**PASS**

DESIGN BASIS  
BS EN 40  
Governing design ratio 0.400

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 8.00         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539466 / 137847            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
|---|--------------------|--------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES          | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | ROOT MOUNTED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |              |                | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | STEPPED TUB  |                | <b>EXTENT</b><br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number<br><b>SEVERITY</b><br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL        |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED | INTERNAL PHOTO |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |   |   |                           |   |   |   |   |

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 620 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 500 x 120 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       | 1290 mm      |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                         |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|-------------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                         |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND                  |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED              |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 107 µ B 168 µ C 158 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | BITUMEN                 |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL                  |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                         |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                         |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                      | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | NONE            |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                             |                               |          |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
|-----------------------------|-------------------------------|----------|-----------|--|---------|-----------|---|---------|-----------|---|---------|-----------|---|---------|-----------|--|---------|
| Q9. ULTRASONIC TEST SECTION |                               |          |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
| 1                           | Base diameter                 | 168.3 mm |           |  | A       | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |           |  |         |
| 2                           | Base mean measured thickness  | 4.25 mm  |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
| BASE THICKNESS READINGS     |                               |          |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
| Reading 1                   |                               | 4.30 mm  | Reading 2 |  | 4.30 mm | Reading 3 |   | 4.30 mm | Reading 4 |   | 4.20 mm | Reading 5 |   | 4.20 mm | Reading 6 |  | 4.20 mm |
| 6                           | Shaft diameter                | 114.3 mm |           |  | A       | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |           |  |         |
| 7                           | Shaft mean measured thickness | 4.05 mm  |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
| SHAFT THICKNESS READINGS    |                               |          |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |
| Reading 1                   |                               | 4.10 mm  | Reading 2 |  | 4.10 mm | Reading 3 |   | 4.10 mm | Reading 4 |   | 4.00 mm | Reading 5 |   | 4.00 mm | Reading 6 |  | 4.00 mm |
| 10                          | Swage condition check         | GOOD     |           |  | PHOTO   | A         | B | C       | D         | E | 1       | 2         | 3 | 4       | 5         |  |         |
| 11                          | Depth of test                 | 300 mm   |           |  |         |           |   |         |           |   |         |           |   |         |           |  |         |

## INSPECTION INFORMATION

|   |                             |                                               |              |
|---|-----------------------------|-----------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                            | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                               | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                    |              |
| 4 | Inspection operator         | Wayne Cocks                                   |              |
| 5 | Comments                    | No snake pictures because can't fit up column |              |

## ELEMENT CONDITION SCORES

|                                   |                                             |                                               |
|-----------------------------------|---------------------------------------------|-----------------------------------------------|
| <b>SITE</b><br><b>SHIP STREET</b> | <b>NEOTERIK STATUS</b><br><b>Amber High</b> | <b>GOVERNING SECTION LOSS</b><br><b>5.0 %</b> |
|-----------------------------------|---------------------------------------------|-----------------------------------------------|

| ELEMENT           | CODE      | IMPORTANCE | SCORE  |
|-------------------|-----------|------------|--------|
| Foundation        | <b>B2</b> | Very High  | 81.00  |
| Base              | <b>B2</b> | Very High  | 81.00  |
| Shaft             | <b>B2</b> | Very High  | 81.00  |
| Door visual check | <b>A1</b> | Low        | 100.00 |
| Door aperture     | <b>A1</b> | Medium     | 100.00 |
| Shaft swage       | <b>B2</b> | High       | 85.62  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213053

## INSPECTOR'S COMMENTS

No snake pictures because can't fit up column

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

13 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                          |
|------------|-------------|----------------------------|--------------------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026               |
| Feature ID | no id       | NDT ID                     | 213045                   |
| Northing   | 137806      | NDT / CCI condition status | <b>Amber Low</b>         |
| Easting    | 539497      | CCI score                  | 65.3 — Fair              |
|            |             | Loss of section            | <b>5.0 % (band 1-10)</b> |
|            |             | Retest time                | 3 yr                     |
|            |             | Retest due                 | 17/07/2029               |

## OVERALL RESULT

**PASS**

## BASIS OF RESULT

Passed the NDT/CCI condition assessment and the BS EN 40 design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213045

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 10:51:56 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 8                          |



SCAN FOR IMAGES

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We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.00 m          |
| Ground level diameter             | 210.0 mm        |
| Top diameter                      | 120.9 mm        |
| Section thicknesses used in check | Tapered 2.80 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name     | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|--------------------|------------------------|-----------------------------|-----------|
| Ensolve Modular 30 | 0.000                  | 0.119                       | 35.00     |

## INSPECTION SCOPE

Electrical supply Not Required

DESIGN CHECK RESULT  
**PASS**

DESIGN BASIS  
BS EN 40  
Governing design ratio 0.920

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           |                            | Road number       |              | ID | no id |
| District / ward       | East Grinstead Tennis club | Column height (m) | 9.00         |    |       |
| City / town / village | SHIP STREET                | Heritage asset    | Not recorded |    |       |
| OSE / OSN             | 539497 / 137806            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

| Q1. COLUMN DATA |                    |                |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
|-----------------|--------------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1               | Column check       | YES            | PHOTO          |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 2               | Foundation         | FLANGED PLATED |                | INSPECTION EXTENT CODES                                                                                                                                                                                                                                                                                                                                         |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3               | Flange plate       |                |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Flange gussets     |                |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|                 | Holding down bolts |                |                | A                                                                                                                                                                                                                                                                                                                                                               | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4               | Column type        | TAPERED        | INTERNAL PHOTO | EXTENT<br>A = No significant defect<br>B = Slight, not more than 5% of surface area/length/number<br>C = Moderate, 5% - 20% of surface area/length/number<br>D = Wide, 20% - 60% of surface area/length/number<br>E = Extensive, more than 60% of surface area/length/number                                                                                    |   |   |   |   |                           |   |   |   |   |
| 5               | Year installed     |                |                | SEVERITY<br>1 = As new condition, or defect has no significant effect on the element<br>2 = Early signs of deterioration; no reduction in functionality<br>3 = Moderate defect/damage; some loss of functionality could be expected<br>4 = Severe defect/damage; element close to failure/collapse<br>5 = The element or its protection is nonfunctional/failed |   |   |   |   |                           |   |   |   |   |
| 6               | Column material    | STEEL          |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 7               | Ground conditions  | WELL DRAINED   |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |
| 8               | Salting of road    | N/A            |                |                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |                           |   |   |   |   |

| Q2. COLUMN DOOR |                                        |              |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
|-----------------|----------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 1               | Door visual check                      | YES          | <div>PHOTO</div> <div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> </div> |  |  |  |  |  |  |  |  |  |  |
| 2               | Door damage                            | NO           |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 3               | Door lock damage                       | NO           |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 4               | Door accessible                        | YES          |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 5               | Door height (GL to bottom of aperture) | 400 mm       |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 6               | Door aperture 1                        | 610 x 130 mm |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 7               | Door aperture 2                        |              |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 8               | Backboard                              | YES          |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |
| 9               | Base height (GL to top of swage)       |              |                                                                                                                                                                 |  |  |  |  |  |  |  |  |  |  |

| Q3. COLUMN ATTRIBUTES |                          |                      |              |
|-----------------------|--------------------------|----------------------|--------------|
| 1                     | External influences      |                      |              |
| 2                     | Environment conditions   | INLAND               |              |
| 3                     | Protective treatment     | GALVANISED           |              |
| 4                     | Galv / protect thickness | A 19 µ B 48 µ C 43 µ |              |
| 5                     | Root protection          | NOT KNOWN            |              |
| 6                     | Wind exposure            | NORMAL               |              |
| 7                     | Designed for fatigue     |                      |              |
| 8                     | Designed for attachments |                      |              |
| 9                     | Existence of attachments | No                   | PHOTO IF YES |

| Q4. COLUMN ATTRIBUTES |                    |                 |   |                    |                 |
|-----------------------|--------------------|-----------------|---|--------------------|-----------------|
| 1                     | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2                     | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3                     | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

| Q5. ULTRASONIC INSPECTION |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
|---------------------------|-------------------------------|-------|----|-----------|-------|----|-----------|------|----|-----------|------|----|-----------|------|----|-----------|------|----|
| 1                         | Base diameter                 | 210.0 | mm |           | A     | B  | C         | D    | E  | 1         | 2    | 3  | 4         | 5    |    |           |      |    |
| 2                         | Base mean measured thickness  | 2.95  | mm |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| BASE THICKNESS READINGS   |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| Reading 1                 |                               | 3.00  | mm | Reading 2 | 3.00  | mm | Reading 3 | 3.00 | mm | Reading 4 | 2.90 | mm | Reading 5 | 2.90 | mm | Reading 6 | 2.90 | mm |
| 6                         | Shaft diameter                | 200.0 | mm |           | A     | B  | C         | D    | E  | 1         | 2    | 3  | 4         | 5    |    |           |      |    |
| 7                         | Shaft mean measured thickness | 2.95  | mm |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| SHAFT THICKNESS READINGS  |                               |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |
| Reading 1                 |                               | 3.00  | mm | Reading 2 | 3.00  | mm | Reading 3 | 3.00 | mm | Reading 4 | 2.90 | mm | Reading 5 | 2.90 | mm | Reading 6 | 2.90 | mm |
| 10                        | Swage condition check         |       |    |           | PHOTO | A  | B         | C    | D  | E         | 1    | 2  | 3         | 4    | 5  |           |      |    |
| 11                        | Depth of test                 |       |    |           |       |    |           |      |    |           |      |    |           |      |    |           |      |    |

| INSPECTION INFORMATION |                             |                                                                                                        |              |
|------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------|--------------|
| 1                      | Visual endoscope inspection | NO                                                                                                     | PHOTO IF YES |
| 2                      | Visual bracket inspection   |                                                                                                        | PHOTO IF YES |
| 3                      | Inspection date             | 17/07/2026                                                                                             |              |
| 4                      | Inspection operator         | Wayne Cocks                                                                                            |              |
| 5                      | Comments                    | Corrosion showing through on shaft. See additional images. Only two screws on door. Six screws missing |              |

## ELEMENT CONDITION SCORES

|                     |                              |                                 |
|---------------------|------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber Low | GOVERNING SECTION LOSS<br>5.0 % |
|---------------------|------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | B2   | Very High  | 81.00  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | C2   | Very High  | 78.88  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Flange plate      | B2   | High       | 85.62  |
| Flange bolts      | E2   | Very High  | 65.32  |
| Flange gussets    | B2   | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213045

## INSPECTOR'S COMMENTS

Corrosion showing through on shaft. See additional images.  
Only two screws on door. Six screws missing

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.

## Inspection summary

|            |             |                            |                |
|------------|-------------|----------------------------|----------------|
| Site       | SHIP STREET | Test date                  | 17/07/2026     |
| Feature ID | no id       | NDT ID                     | 213044         |
| Northing   | 137805      | NDT / CCI condition status | Amber Low      |
| Easting    | 539482      | CCI score                  | 65.3 — Fair    |
|            |             | Loss of section            | 0.0 % (band 0) |
|            |             | Retest time                | 3 yr           |
|            |             | Retest due                 | 17/07/2029     |

## OVERALL RESULT

FAIL

## BASIS OF RESULT

The column failed the BS EN 40 structural design check.

## DESIGN CHECK CERTIFICATE OF CONFORMITY 213044

|                     |                            |
|---------------------|----------------------------|
| Name of project     | SHIP STREET                |
| Column ref. no.     | no id                      |
| Test doc ref        | 000422                     |
| Date of test / time | 17/07/2026 10:33:40 +00:00 |
| Customer            | EAST GRINSTEAD TENNIS CLUB |
| Customer order ref  | EGTSRC06072026             |
| Neoterik design ID  | 3                          |



SCAN FOR IMAGES

Click to view

We certify that the lighting column referenced above has been checked for the following range of parameters:

## COLUMN PARAMETERS

|                                   |                 |
|-----------------------------------|-----------------|
| Column construction               | Tapered         |
| Column height                     | 9.50 m          |
| Ground level diameter             | 200.0 mm        |
| Top diameter                      | 105.9 mm        |
| Section thicknesses used in check | Tapered 2.80 mm |

## WIND LOADING AND DESIGN BASIS

|                                     |          |
|-------------------------------------|----------|
| 10 minute mean wind velocity        | 22.0 m/s |
| Altitude                            | 132 m    |
| Terrain category                    | II       |
| Load class                          | B        |
| Deflection class                    | 3        |
| Material grade used in design check | S235     |
| Material type used in design check  | STEEL    |

## LUMINAIRES

| Luminaire name          | Bracket projection (m) | Wind area (m <sup>2</sup> ) | Mass (kg) |
|-------------------------|------------------------|-----------------------------|-----------|
| Twin Ensolve Modular 30 | 0.000                  | 0.240                       | 75.00     |

## INSPECTION SCOPE

|                   |              |
|-------------------|--------------|
| Electrical supply | Not Required |
|-------------------|--------------|

## DESIGN CHECK RESULT

**FAIL**

## DESIGN BASIS

BS EN 40  
Governing design ratio 1.290  
The column failed the BS EN 40 structural design check.

## GN 22 Inspection

|                       |                            |                   |              |    |       |
|-----------------------|----------------------------|-------------------|--------------|----|-------|
| Street name           | East Grinstead Tennis club | Road number       | 9.50         | ID | no id |
| District / ward       | SHIP STREET                | Column height (m) | Not recorded |    |       |
| City / town / village | 539482 / 137805            | Heritage asset    |              |    |       |
| OSE / OSN             |                            | Listed status     |              |    |       |
| Lighting code         |                            | Lighting type     | SOX          |    |       |

## Q1. COLUMN DATA

|   |                    |                |                |                         |   |   |   |   |                           |   |   |   |   |
|---|--------------------|----------------|----------------|-------------------------|---|---|---|---|---------------------------|---|---|---|---|
| 1 | Column check       | YES            | PHOTO          |                         |   |   |   |   |                           |   |   |   |   |
| 2 | Foundation         | FLANGED PLATED |                | INSPECTION EXTENT CODES |   |   |   |   | INSPECTION SEVERITY CODES |   |   |   |   |
| 3 | Flange plate       |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Flange gussets     |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
|   | Holding down bolts |                |                | A                       | B | C | D | E | 1                         | 2 | 3 | 4 | 5 |
| 4 | Column type        | TAPERED        |                |                         |   |   |   |   |                           |   |   |   |   |
| 5 | Year installed     |                |                |                         |   |   |   |   |                           |   |   |   |   |
| 6 | Column material    | STEEL          |                |                         |   |   |   |   |                           |   |   |   |   |
| 7 | Ground conditions  | WELL DRAINED   | INTERNAL PHOTO |                         |   |   |   |   |                           |   |   |   |   |
| 8 | Salting of road    | N/A            |                |                         |   |   |   |   |                           |   |   |   |   |

## EXTENT

A = No significant defect  
 B = Slight, not more than 5% of surface area/length/number  
 C = Moderate, 5% - 20% of surface area/length/number  
 D = Wide, 20% - 60% of surface area/length/number  
 E = Extensive, more than 60% of surface area/length/number

## SEVERITY

1 = As new condition, or defect has no significant effect on the element  
 2 = Early signs of deterioration; no reduction in functionality  
 3 = Moderate defect/damage; some loss of functionality could be expected  
 4 = Severe defect/damage; element close to failure/collapse  
 5 = The element or its protection is nonfunctional/failed

## Q2. COLUMN DOOR

|   |                                        |              |       |   |   |   |   |   |   |   |   |   |   |
|---|----------------------------------------|--------------|-------|---|---|---|---|---|---|---|---|---|---|
| 1 | Door visual check                      | YES          | PHOTO | A | B | C | D | E | 1 | 2 | 3 | 4 | 5 |
| 2 | Door damage                            | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 3 | Door lock damage                       | NO           |       |   |   |   |   |   |   |   |   |   |   |
| 4 | Door accessible                        | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 5 | Door height (GL to bottom of aperture) | 400 mm       |       |   |   |   |   |   |   |   |   |   |   |
| 6 | Door aperture 1                        | 610 x 130 mm |       |   |   |   |   |   |   |   |   |   |   |
| 7 | Door aperture 2                        |              |       |   |   |   |   |   |   |   |   |   |   |
| 8 | Backboard                              | YES          |       |   |   |   |   |   |   |   |   |   |   |
| 9 | Base height (GL to top of swage)       |              |       |   |   |   |   |   |   |   |   |   |   |

## Q3. COLUMN ATTRIBUTES

|   |                          |                      |              |  |  |  |  |  |  |  |  |  |  |
|---|--------------------------|----------------------|--------------|--|--|--|--|--|--|--|--|--|--|
| 1 | External influences      |                      |              |  |  |  |  |  |  |  |  |  |  |
| 2 | Environment conditions   | INLAND               |              |  |  |  |  |  |  |  |  |  |  |
| 3 | Protective treatment     | GALVANISED           |              |  |  |  |  |  |  |  |  |  |  |
| 4 | Galv / protect thickness | A 36 µ B 27 µ C 41 µ |              |  |  |  |  |  |  |  |  |  |  |
| 5 | Root protection          | NOT KNOWN            |              |  |  |  |  |  |  |  |  |  |  |
| 6 | Wind exposure            | NORMAL               |              |  |  |  |  |  |  |  |  |  |  |
| 7 | Designed for fatigue     |                      |              |  |  |  |  |  |  |  |  |  |  |
| 8 | Designed for attachments |                      |              |  |  |  |  |  |  |  |  |  |  |
| 9 | Existence of attachments | No                   | PHOTO IF YES |  |  |  |  |  |  |  |  |  |  |

## Q4. COLUMN ATTRIBUTES

|   |                    |                 |   |                    |                 |
|---|--------------------|-----------------|---|--------------------|-----------------|
| 1 | Effect of location | PEDESTRIAN AREA | 4 | Location           | PEDESTRIAN AREA |
| 2 | Traffic flow       | NONE            | 5 | Pedestrian density | HIGH            |
| 3 | Traffic speed      |                 | 6 | Effect of failure  | MINOR           |

## Q5. ULTRASONIC INSPECTION

|                             |                               |         |           |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
|-----------------------------|-------------------------------|---------|-----------|---|---------|-----------|---|---------|-----------|---|---------|-----------|---|---------|-----------|---|---------|
| 49. ULTRASONIC TEST SECTION |                               |         |           |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
| 1                           | Base diameter                 |         | 200.0 mm  | A |         | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |           |   |         |
| 2                           | Base mean measured thickness  |         | 2.85 mm   |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
| BASE THICKNESS READINGS     |                               |         |           |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
| Reading 1                   |                               | 2.90 mm | Reading 2 |   | 2.90 mm | Reading 3 |   | 2.90 mm | Reading 4 |   | 2.80 mm | Reading 5 |   | 2.80 mm | Reading 6 |   | 2.80 mm |
| 6                           | Shaft diameter                |         | 190.0 mm  | A |         | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |           |   |         |
| 7                           | Shaft mean measured thickness |         | 2.85 mm   |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
| SHAFT THICKNESS READINGS    |                               |         |           |   |         |           |   |         |           |   |         |           |   |         |           |   |         |
| Reading 1                   |                               | 2.90 mm | Reading 2 |   | 2.90 mm | Reading 3 |   | 2.90 mm | Reading 4 |   | 2.80 mm | Reading 5 |   | 2.80 mm | Reading 6 |   | 2.80 mm |
| 10                          | Swage condition check         |         |           |   |         | PHOTO     |   | A       | B         | C | D       | E         | 1 | 2       | 3         | 4 | 5       |
| 11                          | Depth of test                 |         |           |   |         |           |   |         |           |   |         |           |   |         |           |   |         |

## INSPECTION INFORMATION

|   |                             |                                                                                                 |              |
|---|-----------------------------|-------------------------------------------------------------------------------------------------|--------------|
| 1 | Visual endoscope inspection | NO                                                                                              | PHOTO IF YES |
| 2 | Visual bracket inspection   |                                                                                                 | PHOTO IF YES |
| 3 | Inspection date             | 17/07/2026                                                                                      |              |
| 4 | Inspection operator         | Wayne Cocks                                                                                     |              |
| 5 | Comments                    | Corrosion showing through on shaft. See additional images. Only two screws on door. Six missing |              |

## ELEMENT CONDITION SCORES

|                     |                              |                                 |
|---------------------|------------------------------|---------------------------------|
| SITE<br>SHIP STREET | NEOTERIK STATUS<br>Amber Low | GOVERNING SECTION LOSS<br>0.0 % |
|---------------------|------------------------------|---------------------------------|

| ELEMENT           | CODE | IMPORTANCE | SCORE  |
|-------------------|------|------------|--------|
| Foundation        | B2   | Very High  | 81.00  |
| Base              | B2   | Very High  | 81.00  |
| Shaft             | C2   | Very High  | 78.88  |
| Door visual check | A1   | Low        | 100.00 |
| Door aperture     | A1   | Medium     | 100.00 |
| Flange plate      | B2   | High       | 85.62  |
| Flange bolts      | E2   | Very High  | 65.32  |
| Flange gussets    | B2   | Medium     | 90.05  |

## INSPECTION EXTENT CODES

- A** No significant defect
- B** Slight, not more than 5% of surface area/length/number
- C** Moderate, 5% - 20% of surface area/length/number
- D** Wide, 20% - 60% of surface area/length/number
- E** Extensive, more than 60% of surface area/length/number

## INSPECTION SEVERITY CODES

- 1** As new condition, or defect has no significant effect on the element
- 2** Early signs of deterioration; no reduction in functionality
- 3** Moderate defect/damage; some loss of functionality could be expected
- 4** Severe defect/damage; element close to failure/collapse
- 5** The element or its protection is nonfunctional/failed

## INSPECTION APPROVAL

SITE SHIP STREET NDT ID 213044

## INSPECTOR'S COMMENTS

Corrosion showing through on shaft. See additional images.  
Only two screws on door. Six missing

## DESIGNER'S OBSERVATION AND APPROVAL

*None supplied*

INSPECTOR  
Wayne CocksDATE  
17/07/2026DESIGNER  
Dylan AttenboroughDATE  
27/07/2026

## PHOTOGRAPHIC EVIDENCE

12 inspection photographs are held against this record. Scan the certificate QR code, or follow the record link in Column Designer, to view them at full resolution on the Neoterik portal.