

* Inner paving detail cut to suit gnomon design

Direction of gnomon - true north

8.0m

Hour lines - Yorkstone sett stringer course.

Hour lines set at specific angles from east / west line as follows:-

- 6am & 18.00 = 0 degrees
- 7am & 17.00 = 18.385 degrees
- 8am & 16.00 = 35.605 degrees
- 9am & 15.00 = 51.120 degrees
- 10am & 14.00 = 65.036 degrees
- 11am & 13.00 = 77.808 degrees
- 12.00 = 90 degrees

Gnomon angle set at 53.75 degrees.

Yorkstone setts 100mm gauge RL laid in radial pattern.

Radial paving bands each 600mm depth. 12mm flag joint.

Yorkstone flag supplied pre cut to suit. Each segment sequential and supplied inlaid with flush lettering 250mm height.

Granite compass supplied pre cut to shape pointers, finish fine picked Silver Grey Green / beige mix.

Gnomon (Compass pointer) locates at centre point facing true north.

Central Paving Feature St George's Sq Sun Dial Clock face Hebden Bridge

Detail from Dwg 72/442/1100 A
Designed by RJB - June 06

HISTORICAL BACKGROUND

Hebden Bridge was a major centre of the Fustian manufacturing industry, represented here by this large scale replica of a Fustian cutting knife. Used first as hand tools and later by machine, these cut loops in the weft to create ribbed cloth such as corduroy.

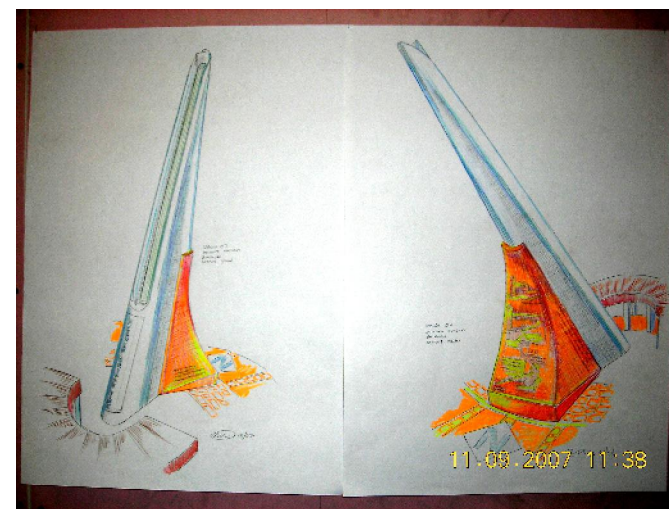
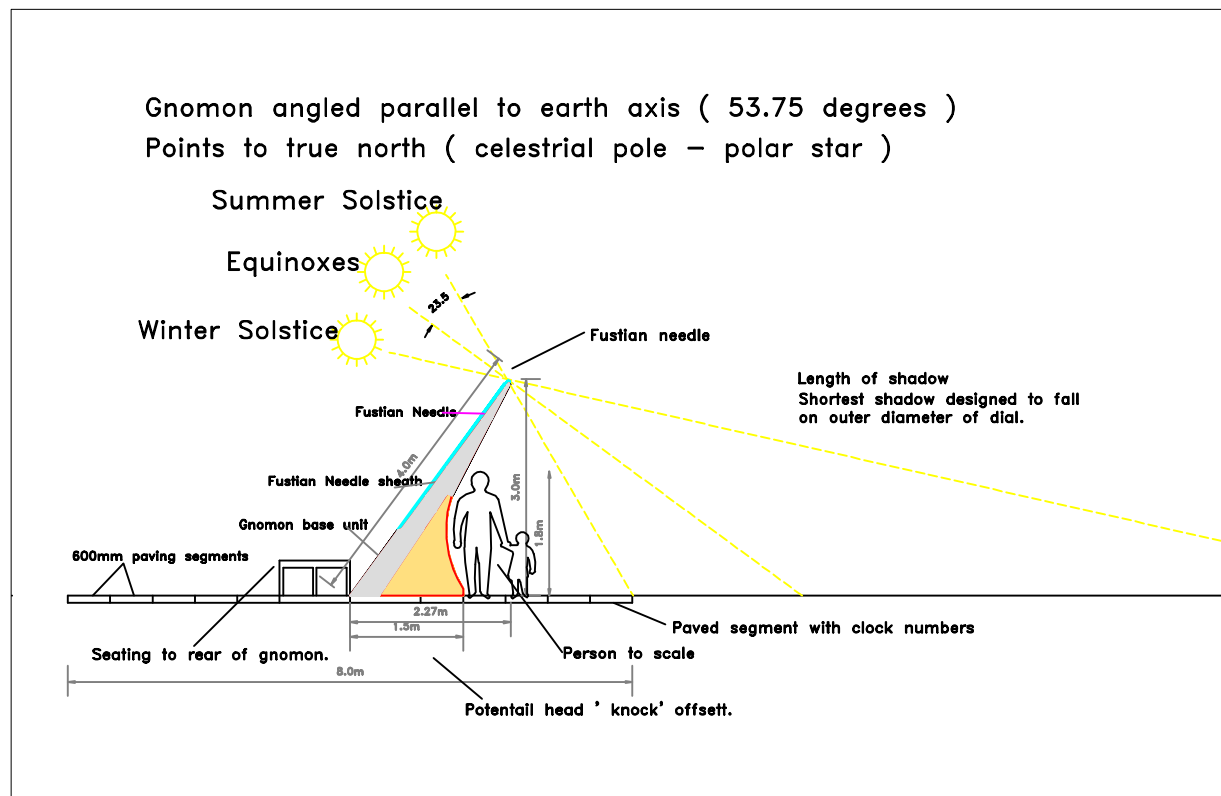
This large scale replica of a Fustian cutting knife points directly north towards NUTCLOUGH MILL, former home of HEBDEN BRIDGE FUSTIAN MANUFACTURING SOCIETY LTD (founded 1870), in its day the largest worker-producer co-operative in Britain and PECKET WELL MILL, the last mill in Britain to manufacture corduroy fustian cloth (1858-1998)

MATERIALS

- Needle - Polished Stainless Steel (blunt tip)
- Needle Sheath - Bronze, engraved with history text
- Bench detail - Hardwood timber slats / steel support

B Sept 07 Gnomon design modified RJB
A Sept 06 Location identified more precisely RJB

| REV. | DATE | REVISION DETAILS | DRN. | CHKD. | APPRD. |
|--|-----------|--------------------------------|--|---------------|--------|
| PROJECT TITLE HEBDEN BRIDGE REVIEW BRIDGE GATE / ST GEORGE'S SQUARE PEDESTRIANISATION | | | | | |
| DRAWING TITLE SUN DIAL PAVED CLOCK FACE GNOMON LOCATION | | | | | |
| Calderdale Council | | | ENGINEERING SERVICES NORTHGATE HOUSE NORTHGATE HALIFAX. HX1 1UN | | |
| OFFICE PROJECT NUMBER TS 131 | | | DRAWING STATUS CONSULTATION | | |
| DESCRIPTION | DRG. SIZE | DRAWN | CHECKED | APPROVED | DATE |
| | A2 | RJB | | | AUG 06 |
| SCALE LOCATION-1:1250 DETAIL NTS | | DRAWING NUMBER 72/141/100/3 | | REVISION B | |



Sketch by Hebden Bridge professional sculptor Mike Williams