

SOCIETY FOR THE PROTECTION OF ANCIENT BUILDINGS

WATERMILL SURVEY

Name and address of Mill

Worston Mill,  
Great Bridgeford,  
Nr. Stafford

Date of Visit

25/7/65

Location

878278

Information

River or Tributary by which fed:

R. Sow.

GENERAL

1. Description of Mill (siting, approaches, size of building, external appearance, materials of construction, number of floors, wheels, mill pond etc.):
2. Mill is <sup>still</sup> ~~still~~/not working.
3. Name and address of Owner: William B. Howell junr.
4. Name and address of present/last miller or near relation:
5. Name and address of millwright.

HISTORICAL

6. Date of erection (particulars of any inscription stones or tablets)  
1814 J. Melner
7. By whom built:
8. ~~Date mill ceased work (reason for closing):~~
9. If ~~since demolished~~ state date of demolition:

~~Work of demolition undertaken by:~~

Meal  
Stam  
Machine  
Bugs/  
Lift



10. Historical Notes : (details of any historical or legendary associations; major repairs or replacements, or any facts of general interest appertaining to the mill or former millers, existence of old photographs, etc.)

1932 Before that died 54 yrs. John Martin  
last miller. Son - Wilmot Martin - Staffs "Harry Lander"  
(William?)

11. Sketches or plans

Castings of Sp. Wheel?

Edge run stones?

Wheel diam.

Sluices 1925?

Sketch diagram.

Materials of waterwheel.

'Diam' of wheel shaft

Length "

Numbers of gear teeth

Castings of pit wheel + sn's

Size + no of castings of cr. wheel.

No of floors.

Posits of stones

gingles.

One, rds = 3 wood  
2 rad

PW c. 14x8

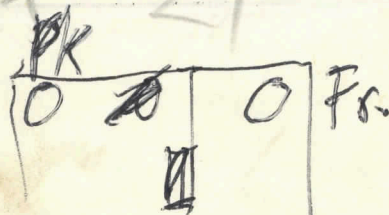
WR 42

Sp c 16x8

SN R 21

Other 22

Stretton





WATERMILL SURVEY - Part 21. Waterwheel

- a) Number of wheels:
- b) Located internally/~~externally~~  
(if more than one wheel, state how arranged - abreast/in line etc.)
- c) Wheels are ~~wholly~~ covered/partly covered/exposed:
- d) Description of wheel:
- i. Undershot/breast: high or low/overshot/Pitchback/pouncet:
- ii. Type: clasp arm/compass arm/bolted cast sections:
- iii. Materials: (wheel, rim and arms)
- iv, Size: Diameter: Width: 6'3"

Additional notes regarding above

e) Inscription of rim:

f) ~~Buckets~~ *Planks*: Material (wood/~~iron~~):  
Shape: (straight/U - shaped/V - shaped/L - shaped):  
Number: 40

2, WheelshaftDescription

- a) Material: ~~Wood~~/iron/steel/copper: *el.*
- b) Size: Length: Diameter:
- c) Shape: *oct.*
- d) Type of pit and outer bearings:

3. Gear Wheels

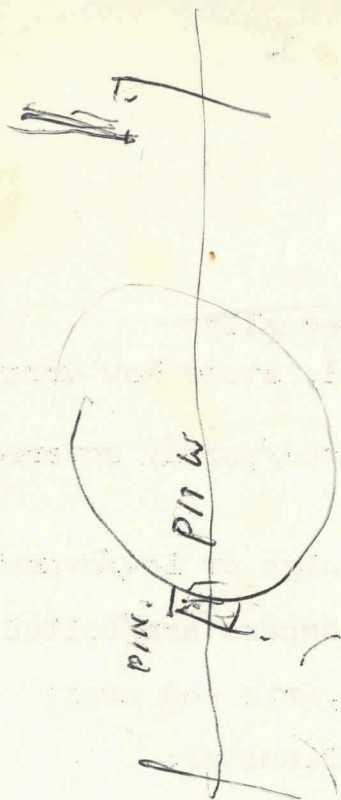
	Wheel	Material	Teeth	Type (see 1.(d.ii)	Size
a.	Pit				
b.	Wallower				
c.	Spur				
d.	Stone nuts				
e.	Crown				

Additional notes regarding above4. Upright shaft

- a. Material: 6" □ *el.*
- b. Size and shape:
- c. Bearings: *Pintles* - *Brass bearings.*

Chivers 1925

Heald Mill last worked  
c. 1930



Miss W. Rock  
Lambrook Mill  
No Newport  
Salop.



Wsh dm = 1 in dtr of this + 1"  
O bay



About 5 cut/hour w 1 pair of stones.

4.

5. Stones

- a. Number: Pair of peak: Diameter Over/under driven  
: *One* Pair of burr: Diameter *4 ft* Over/under driven  
: " Pair of compositions " *4 ft 3"* Over/under driven
- b. Location of stones (which floor, if on hurst frame, how arranged etc.)
- c. How governed:
- d. How thrown out of gear:

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6. Stone fittings

- a. Furniture or hoops (Material and shape):
- b. Slippers (how controlled, etc.)
- c. Hoppers (size and shape)
- d. Horse:

e. Particulars of bell alarm:

7. Sack Hoist (Where situated machinery): *Beam & catch Top Storey.*
8. Processing machines and their source of motive power.  
Type of flour dresser:

9. Auxiliary power (kind, when installed, reason for it, etc.):

10. Water feed (pond, stream, channel, sluices, races, fall, etc.)

11. Particulars of pentrough:

12. Additional information, plans, sketches, etc:

Signature:

Date:

(Source of knowledge of Mill:  
e.g. owner etc)

14 x 8 feet

Pit Grad 2 CBS's + Rim 6" Shoulder 91 9ft  
Wall 4ft CI 1 cast 8 Rad.

Spur: 9 ft. Grad. Rim and arms constitute one casting.  
The rim is in 8 separate Castings.

SN Hornbeam teeth 1' 6" Also head 22, 21  
CROWN ~~All Metal~~ Cast for Grad 32 Wood teeth

CR. PIN. All metal

W Shaft Square + Oct.

The comp stones last about 6 months betw. dressing.  
Edge runner compositions one pair  
Mixer, Flour dresser etc.

Hub?

Small

Wid Radius

7' 1/2 x 11' 6"

1"

All iron except  
flats + bolts

Jack Mouldy.

Little Moor Inn, Patterningham.

Wheel diam 18ft (approx.)

Flange 3' 3" by  
by 14" x 21" diam  
(live machine)