| HERNE MILL, KE | NT Set of A3 measured drawings created b | y Megan Taylor | and Ken Cole (completed 2005) |
|--------------------|--|----------------|--|
| Indexed by Ken I | Kirsopp November 2005 | | |
| | | | |
| <u>Drawing No.</u> | Main Drawing Title | <u>Scale</u> | Secondary Drawing Titles and Notes |
| | | | |
| | Herne Mill | | Side Elevation |
| | Measured Drawings | | Introductory notes |
| | Maps and Site plans | | |
| | Index of Maps and Site Plans | | |
| HM-001 | Map c1893 | NK | Map of the area |
| HM-002 | Map c1912 | NK | Map of the area |
| HM-003 | Map c1930s | NK | Map of the area |
| HM-004 | Map c1943 | NK | Map of the area |
| HM-005 | No drawing | | |
| HM-006 | Site Plan | 1:200 | |
| HM-007 | Mill Building Complex Plan 1999 | 1:50 | Showing the Mill, Work shed, Pulley Shed and Engine House |
| HM-008 | Site Plan 2000 | 1:200 | |
| HM-009 | Mill Building Complex Plan 2000 | 1:50 | Showing the Mill, Store, WC's, Storage Area, Lobby, Meeting Room. Kitchen, Entrance Lobby and Parish Office. |
| | | | |
| | Ground Floor | | |
| | Index of Drawings | | |
| HM-010 | Floor Plan | 1:50 | |
| | | 1;20 | Grain Elevator Sump, Flail Mill Base, Support Column and Footing Detail |
| HM-011 | Mid-Level Plan | 1:50 | |
| | | 1:20 | Stator Motor |
| HM-012 | Ceiling Plan | 1:50 | |
| | | 1:10 | Brackets |
| | | 1:20 | Balance |
| HM-013 | Internal Elevation 1 | 1:20 | South, South West, West and North West Elevations. |
| | | 1:10 | Opening Plaque |
| HM-014 | Internal Elevation 2 | 1:20 | North, North East, East and South East Elevations. |
| | | 1:2 | Starter Motor Plates |
| HM-015 | Grain Elevator | 1:20 | Elevations and Plan. History of Grain Elevator. Manufacturer's Plate |
| | | 1:2 | Manufacturer's Plate |
| HM-016 | Furniture | 1:20 | Elevations and Plan of Admissions Desk, Sales Desk, |

| HM-017 | Window Details | 1:10 | Internal and External elevations and plan of South East Window with notes on South West Ground Floor and South and East Meal Floor Windows |
|--------|---|------|---|
| HM-018 | Stair Details | 1:10 | Side. Front Elevations and Plan |
| G100 | Installation of Auxiliary Drive Pulley | 1:10 | |
| | Meal Floor | | |
| | Index of Drawings | | |
| HM-020 | Floor Plan | 1:50 | |
| | | 1:20 | Cart Loading Door Detail |
| | | 1:10 | Reefing Stage Bracket |
| HM-021 | Mid Level Plan | 1:50 | |
| HM-022 | Auxiliary Gear Level Plan | 1:50 | Section of Reefing Stage and West Steps. Section of Reefing Stage and East Steps |
| HM-023 | Below Beam Plan | 1:50 | |
| HM-024 | Ceiling Plan | 1:50 | |
| HM-025 | Internal Elevations 1 | 1:20 | South, South West, West and North West Elevations. |
| HM-026 | Internal Elevations 2 | 1:20 | South, South West, West and North West Elevations. |
| HM-027 | Meal Spout Details | 1:20 | South, East, North and West Elevations. Valve Plate. Meal Spout Plan. |
| HM-028 | Hopper and Chute Details | 1:20 | West, South and East Elevations. Hopper Plan - Floor Level. Hopper Plan - Mid Level. |
| | | 1:5 | Chute Section. |
| HM-029 | Beam Elevations | 1:20 | Beam 1 North and South Elevations. Section E. Beam 1 North and South Elevations. Sections A, B and C showing Pulleys. Section D showing Cast Iron Hook and Timber Keep. Plan D showing Hook (purpose unknown) |
| M100 | Arrangement of Auxiliary Drive Shafts | 1:20 | |
| M101 | Clutch Components | 1:2 | End and Side Elevations and Half Plan |
| M102 | Clutch Operating Lever | 1:4 | Plan and Elevation |
| M103 | Auxiliary Drive Assembly of Clutch and Bearings | 1:4 | Plan and End Elevation |
| M104 | Guide Plates, Front | 1:2 | Plan and Elevation |
| M105 | Guide Plates, Rear | 1:2 | Plan and Elevation |
| M106 | Frame F1 | 1:4 | Plan and Elevation. Part Section showing position of 16 dia Bolts into Beam. |
| M107 | Frame F2 | 1:4 | Side and Part End Elevations. Sections A-A and B-B. Part Section showing position of 16 dia Bolts into Beam |
| M108 | Frame F3 | 1:4 | Inverted Plan. |
| | | 1:10 | Elevation (View looking East) |
| M109 | Frame F4 | 1:4 | Plan and Elevations. View on B showing Bolt raised above surface |
| | | 1:2 | Section showing Boss |
| M110 | Frame F5 | 1:4 | Side and Part End Elevation |
| M111 | Frame F6 | 1:4 | Combined with M110. As drawn except no bracing |
| M112 | Installation of 45 tooth Bevel Gear | 1:4 | Plans and Sectional Elevation |
| M113 | Detail of 45 Tooth Bevel Gear | 1:4 | Plans, Sectional Elevation, Half Section and Section |

| | Installation and Detail of 22 tooth Bevel | | |
|---------------|---|------------|--|
| M114 | Gear | 1:4 | Plans, Elevation and Section. |
| | | 1:1 | Tooth Profiles |
| | Installation of Pulley and Bearing at Reefing | ••• | |
| M115 | Stage | 1:10 & 1:4 | Elevations to scale as noted |
| M116 | Pulley No. 7 for Jog Scry Drive | 1:2 | Elevation and Section |
| M117 | Pulley No. 8 for Jog Scry Crankshaft | 1:2 | Elevation and Section |
| M118 | Pulley No. 9 for Jog Scry Crankshaft | 1:2 | Elevation and Section |
| M119 | Pulley No. 10 for Fan Shaft | 1:1 | Elevations |
| M120 | Auxiliary Drive System Parts List | | |
| M121 2 sheets | Assembly of Jog Scry | 1:4 | Plan and Elevation |
| M122 | Sifter Box | 1:4 | Inverted Plan, Elevation and Sections |
| | Wooden Mounting Frame to Support Sifter | | |
| M123 | Box | 1:10 | Plan, Elevation and Sections |
| M124 2 sheets | Assembly of Fan Box | 1:2 | Plan, Elevation and Sections |
| M125 | Assembly of Crankshaft | 1:2 | Plan and Sections |
| M126 | Connecting Rod Assembly | 1:1 | Plan and Elevation |
| M127 | Connecting Rod Bearing | 1:1 | Plan, Elevation and Underview of Parts A and B |
| M128 | Greaser | 2:1 | End Elevations and Sectioned Elevation |
| M129 | Cap for Greaser | 2:1 | End Elevations, Sectioned Elevation |
| M130 | Threaded Rod | 1:1 | Plan |
| M131 | Discharge Box | 1:4 | Elevations |
| M132 | Bearing Support Frame (Crankshaft) | 1:2 | Plan and Elevations. |
| | | 1:4 | Section of frame casting |
| M133 | Mounting for Connecting Rod Anchorage | 1:2 | Plan, Side and End Elevations |
| M134 | Flywheel for Crankshaft | 1:2 | End Elevations and Section |
| M135 | Fan Shaft Assembly | 1:2 | Section, Plan and Cross-Sections |
| M136 | Fan Rotor | 1:2 | Elevation and Section |
| M137 | Duct | 1:4 | Plan, Elevation and Sections |
| M138 | Left Hand Plate for Fan Box | 1:2 | Elevations. Section A-A 1:1 |
| M139 | Left Hand Plate for Fan Box | 1:2 | Elevations. Section A-A 1:1 |
| M140 | Specification for Pulleys | | |
| M141 | Specification for Pedestal Bearings | | |
| | Installation and Details of Teeth for Bevel | | |
| M142 | Gear | 1:4 | Upper Face, Section through Rim of Bevel Gear and Lower Face |
| | | 1:2 | Details and Installation of Teeth |
| | Tentering Floor | | |

| | Index of Drawings | | |
|---------------|---|------|--|
| HM-030 | Floor Plan | 1:50 | |
| HM-031 | Mid Level Plan | 1:50 | |
| HM-032 | Tentering Gear Plan | 1:50 | |
| | | 1:20 | Tentering Gear to Stone no.3, Tentering Gear to Stone no.2, Post over East Door |
| HM-033 | Ceiling Plan | 1:50 | |
| | | 1:20 | West Elevation Beam no.2 and Stone no.1 |
| | | 1:10 | Levelling Pin and Joist Detail |
| HM-034 | Internal Elevations 1 | 1:20 | East Elevation and South East Elevation. |
| | | 1:5 | Cant Post Fixing Strap |
| HM-035 | Internal Elevations 2 | 1:20 | South and South West Elevations. |
| | | 1:5 | Brass Dedication Plaque |
| HM-036 | Internal Elevations 3 | 1:20 | West and North West Elevations. |
| | | 1:10 | Door Detail |
| HM-037 | Internal Elevations 4 | 1:20 | North and North East Elevations. |
| HM-038 | Tentering Gear Stone no.1 | 1:20 | Elevations A, B, C and D. Plan. Steelyard. |
| | | 1:10 | Governor Assembly |
| | | 1:5 | Weight Profile |
| HM-039 | Hopper | 1:20 | West and South Facing Elevations. Plans A, B, C and D. Floor Plan A. |
| T100 | Auxiliary Drive Shaft | 1:10 | Elevation and Section through Main Beam. Cast Iron Wheel with broken arms and Gear Wheel with 42 wooden Teeth with a note "These two items serve no purpose and need not be replaced." |
| | | 1:4 | Details 1 and 2 of Section through Main Beam. |
| T101 | Brayer Casting for Hughes Stone no.2 | 1:4 | Plan, Elevation, Underplan. |
| | | 1:2 | Sections A-A and B-B |
| T102 | Tentering Screw | 1:2 | Plan and Elevations |
| T103 | Support Bracket for Brayer | 1:4 | Elevations. |
| | | 1:1 | Cradle |
| T104 | Bracket | 1:4 | Plan and Elevation |
| T105 | Steelyard | 1:4 | Elevation and Underview. Detail of Teeth to scale NK. |
| T106 | Suspension for Steelyard | 1:4 | Elevation and Inverted Plan. |
| | | 1:2 | Details of the Steel Ring, Chain and Hook |
| T107 | Spindle Assembly | 1:2 | Elevation |
| T108 2 sheets | Governor Assembly | 1:2 | Plan and elevation |
| T109 | Pulley | 1:2 | Plan and Elevation |
| T110 | Assembly of Tentering Gear for Hughes Stone | 1:10 | Plan and Elevation. Note "The Brayer serves the function of a Bridge Tree." |
| T111 | Lower Yoke | 1:1 | Plan, Elevations and sections |
| T112 | Upper Yoke | 1:2 | Plan, Sectional Elevation and Part Section |

| T113 | Pulley | 1:2 | Plan, Half Sections A-A and B-B |
|---------------|---|------|--|
| T114 | Pulley Assembly | 1:4 | Plan and Elevation. |
| | | 1:2 | Sections A-A and B-B |
| T115 | Support Frame | 1:10 | Plan, Elevation, Section and Detail showing attachment of Beam to Cant Post |
| T116 | Weight | 1:1 | Plan and Elevation |
| T117 | Shoe | 1:1 | Plan and Elevation |
| T118 | Governor Assembly | 1:4 | Elevations, Sections B-B and C-C. |
| T119 | Slider and Links | 1:2 | Plan, Elevations and sections |
| T120 2 sheets | Assembly of Tentering Gear for North Millstones | 1:10 | Plan, Elevation. Note " Fulcrum, Lever and Weight are missing from existing installation." |
| T121 | Bridge Tree | 1:4 | Plan, Elevations and Cross Section. |
| | | 1:2 | Section B-B and Typical Section |
| T122 | Support Bracket for Bridge Tree | 1:4 | Plan and Elevation. |
| | | 1:2 | Lug [to take end of Bridge Tree] |
| T123 | Brayer Beam | 1:4 | Plan and Elevation. |
| | | 1:2 | Sections |
| T124 | Support Bracket for Brayer | 1:4 | Plan and Elevation. |
| | | 1:2 | Lug |
| T125 | Bracket | 1:4 | Plan and Elevations |
| T126 | Suspension for End of Steelyard | 1:4 | Plan and Elevations. |
| | | 1:2 | Hook, Swivel Ring and Frame |
| T127 | Stone Spindle Installation | 1:4 | Elevation, Section A-A (i) With Wedge and Bolt removed. (ii) Complete. View B on Fastening |
| | | 1:2 | Wedge and Fastening |
| T128 | Pulley | 1:2 | Plan and Sectional Elevation |
| T129 | Tentering Screw | 1:2 | Elevations |
| T130 | Steelyard, Suspension End | 1:2 | Plans and Elevations |
| T131 | Steelyard | 1:4 | Plan and Elevation |
| T132 | Shaft Bracing | 1:2 | Plan and part Section |
| | Stone Floor | | |
| | Index of Drawings | | |
| HM-040 | Floor Plan | 1:50 | |
| HM-041 | Mid Level | 1:50 | |
| | | 1:20 | Stone 1 and Furniture, Stone 2 [Hughes] and Furniture, Stone 3 |
| HM-042 | Beam Level Plan | 1:50 | |
| | | 1:20 | Beam 4 Plan, Elevation and Section. Beams 5 and 6 Plan and Elevation. Beam 3 Plan and Elevation. Beams 1 and 2 Support Block Elevation |
| HM-043 | Spur Wheel Level Plan | 1:50 | |

| | | 1:20 | Beam 10 Plan, Elevation and Section. Beam 9 Plan, Elevation and Section |
|--------|---|------|--|
| HM-044 | Ceiling Level Plan | 1:50 | |
| HM-045 | Internal Elevations 1 | 1:20 | East and South East Elevations |
| HM-046 | Internal Elevations 2 | 1:20 | South and South West Elevations. |
| | | 1:10 | Section through Tie Beam |
| | | 1:5 | Staple |
| HM-047 | Internal Elevations 3 | 1:20 | West and North West Elevations. |
| | | 1:10 | Paint Staff, Proof Staff |
| | | NK | Support Beam and Planted timber |
| HM-048 | Internal Elevations 4 | 1:20 | North and North East Elevations. |
| HM-049 | North Window Detail | 1:10 | External and Internal Elevations, Plan and Section. Notes on Other Windows |
| S100 | Assembly of Hughes Millstone Furniture | 1:10 | Plan and Elevations. Note "The Manufacturer of the millstone J. Hughes became defunct abut 100 years ago." |
| S101 | Assembly of Peak Stone Furniture | 1:10 | Plan and Elevations |
| S102 | Specification for Millstones | - | Description of the three millstones. |
| S103 | Hopper for Hughes Millstone | 1:10 | Plan, Elevations and sections. |
| | | NK | Detail showing cutout with note "One corner only. No apparent use for cutout." |
| S104 | Feed chute to Hopper~ Hughes Millstone | 1:4 | Elevation and Section |
| S105 | Chute to Hopper over Peak Millstone | 1:8 | Elevation and Section |
| S106 | Quant and Stone Nut for Peak Stone | 1:4 | Elevations, Section and Tooth Detail. Quant Sections |
| | | 1:8 | Quant Elevation |
| S107 | Quant and Stone Nut for Hughes Stone | 1:8 | Sectional Elevation and Part Plan of Quant. Tooth detail of Stone Nut |
| S108 | Quant and Stone Nut for French Stone | 1:4 | Elevations, Section and Tooth Detail. Quant Sections |
| | | 1:8 | Quant Elevation |
| S109 | Shoe Pivot Fitting, Hughes Stone | 1:4 | Plan Elevation and Section |
| S110 | Balance Weight Receptacles | 1:2 | Elevation and Section of Peak Stone Receptacle. Elevation of Hughes Stone Receptacle |
| S111 | Centre Cover Plate for Hughes Millstone | 1:4 | Plan and Elevation |
| S112 | Shoe Assembly for Hughes Millstone | 1:4 | Plan, Elevation, Underview and Sections |
| S113 | Shoe Base Panel | 1:4 | Plan and Elevation |
| S114 | Shoe Side Panel, Left Hand | 1:4 | Elevation, Sections A-A and B-B |
| S115 | Shoe Side Panel, Right Hand | 1:4 | Elevation, Sections A-A and B-B |
| S116 | End Panel for Shoe | 1:2 | Elevations and Section |
| S117 | Shoe, Separator Panel | 1:2 | Elevations |
| | Assembly of Tun (Top and Side Panels) for | | |
| S118 | Hughes Millstone | 1:10 | Plans and Elevation. Detail showing cut in Inner edge Base Panel. |
| | | 1:4 | Sections A-A and B-B. View showing position of Joint Blocks |
| 0440 | Assembly of Horse for Hughes Millstone | 4.40 | Discount Florestone |
| S119 | Installation | 1:10 | Plan and Elevations. |
| | | 1:4 | Sections A-A and B-B. Detail of Slot position. Sectional views |

| S120 | No Drawing | | |
|------|--|--------------|--|
| S121 | No Drawing | | |
| S122 | Installation of Proof and Paint Staffs | 1:10 | Elevations and Section |
| S123 | Installation of Mill Bill and Thrift Stowage | 1:10 | Elevations and Section. |
| | Ţ | 1:4 | Section A-A |
| S124 | Roller for Hughes Stone | 1:2 | Plan |
| S125 | Assembly of Great Spur Wheel to Shaft | 1:10 | Underplan, Elevation and Section |
| S126 | Centre Cover Plate (Peak Stone) | 1:4 | Plan and Elevation |
| S127 | Shoe Pivot for Peak Stone | 1:2 | Plan and Elevation |
| | Assembly of Horse for Peak Millstone | | |
| S128 | Installation | 1:10 | Plan, Elevation and Section. |
| | | 1:4 | Details and Sections |
| | Assembly of Tun (Top and Side Panels) for | 4.40 | |
| S129 | Peak Millstone | 1:10 | Plan, Elevation, Section D-D showing cut in Inner edge Base Panel. |
| | | 1:4 | Sections A-A and B-B |
| S130 | Installation of Miller's Willow | 1:4 | Plan and Sections |
| S131 | Roller for Peak Stone | 1:2 | Plan |
| S132 | Shoe Assembly for Peak Millstone | 1:4 | Plan, Elevation, Underview and Sections |
| S133 | Shoe Base Panel | 1:4 | Plan and Elevation |
| S134 | Shoe Left Hand Panel | 1:4 | Elevation and Sections |
| | Shoe Left Hand Panel | Not to scale | Detail showing radiused cut-out clear Quant on installation |
| S135 | Shoe Right Hand Panel | 1:4 | Elevations |
| S136 | Shoe End Panel | 1:2 | Elevations |
| S137 | Shoe Separator Panel | 1:2 | Elevations |
| S138 | Hopper for Peak Millstone | 1:10 | Plan and Sections. |
| | | 1:2 | Views and detail A to show Valve Plate |
| S139 | Hopper Detail Parts | 1:2 | Valve Plate - Plan and Elevations. Strap - Plan and Elevation. Runner - Plan and Elevations. |
| | | 2:1 | Section |
| S140 | Alarm Control | - | Diagrammatic not to scale |
| S141 | Twist Control | - | Diagrammatic not to scale |
| S142 | Installation of Twist Peg | 1:2 | Plan and Elevations |
| S143 | Guards for Auxiliary Drive Shaft | 1:4 | Plans and Elevations. |
| | | 1:2 | Steel Plate |
| S144 | Auxiliary Drive Shaft and Stone Nut | 1:4 | Plan, Sectional Elevation and Sections. |
| | | 1:10 | Part Section |
| S145 | Universal Joint (Auxiliary Drive) | - | Description of purpose |
| S146 | Dressing of Millstones | approx 1:10 | Plan and Elevation |
| S147 | Schematic of Drive to Millstones | - | Diagrammatic not to scale |

| S148 | Drive Components for Hughes Millstone | 1:4 | Plan, Elevation with Quant removed, Elevation Fully Assembled, Elevation with Quant Fitted and Mace Sectioned |
|--------------|--|--------------|---|
| | Bin Floor | | |
| | Index of Drawings | | |
| HM-050 | Bin Base Level Plan | 1:50 | |
| | | 1:20 | Bins 1, 2 and 3, Stairwell |
| HM-051 | Bin Mid Level Plan | 1:50 | |
| | | 1:20 | Bins 1, 2 and 3, Stairwell |
| HM-052 | Bin Ceiling Level Plan | 1:50 | |
| | | 1:20 | Bins 1, 2, 3 and Section for Bin no.2 Trapdoor. Note "Bin 4 No access or details available" |
| HM-053 | Floor Level Plan | 1:50 | |
| HM-054 | Mid Level Plan | 1:50 | |
| | | 1:20 | Bearer - Northwest Elevation and West Elevation |
| HM-055 | Below Curb Level Plan | 1:50 | |
| | | 1:20 | Below Curb dimensions and Details, Detail below Curb |
| HM-056 | Curb Top Plan | 1:50 | Curb and Curb Ring Plan. |
| | | 1:5 | Curb Tooth Plan and Elevations |
| HM-057 | Internal Elevations 1 | 1:20 | East, South East, South and South West Elevations. |
| | | 1:10 | Bin lining to Timber Frame Section |
| HM-058 | Internal Elevations 2 | 1:20 | West, North West, North and North East Elevations |
| HM-059 | Wallower | 1:20 | Plan - Top of Wallower, Reversed Plan - Underside of Wallower and Elevation. |
| | | 1:10 | Wallower Dimensions |
| | | 1:5 | Wallower Tooth Plan, Side and Front Elevations |
| B100 | Guard for Main Shaft | 1:10 | Plan, Elevation and Section A-A. |
| | | 1:5 | Section B-B |
| | General Arrangement of Sack Hoist | | |
| B101 | Installation | 1:20 | Plan and Elevations |
| B102 | Installation of Support Structure and Levers for Sack Hoist Pulley | 1.10 | Elevation and Sections |
| B102 | Details of Posts and Levers | 1:10 | |
| B103 B104 | | 1:10 1:10 | Elevations of posts assembled on Drawing B102 Plan and Elevation of Bracings for Left and Right Hand Posts |
| - | Bracings for Posts Link | | |
| B105 | | 1:2 | Elevation for Link on Drawing B102 |
| B106 B107 | Sack Hoist Pulley | 1:4 | Elevation and Sections Sectional Floration with Sections A.A.B.B. C.C. and D.D. |
| | Assembly of Pulley, Drum and Shaft | 1:4 | Sectional Elevation with Sections A-A, B-B, C-C and D-D |
| B108 | Installation of Operating Rope | | <u> </u> |
| B109 | Chain Installation | - 4.0 | Diagram of chain links with dimensions and instructions |
| B110 | Pulley Block | 1:2 | Plan and Elevations |
| B111 | Bearing and Outboard End for Shaft Drum | 1:2 | Elevations |

| B112 | Balance Weight | 1:2 | Plan and Elevation |
|--------|------------------------------------|--------------|--|
| | | | |
| | Сар | | |
| | Index of Drawings | | |
| HM-060 | Cap - Plan 1- base | 1:20 | General plan at Base Level + 14.500m including Striking Rod Rack and Worm Shaft Drive Gear |
| HM-061 | Cap - Plan 2 - Windshaft | 1:20 | General Plan at Base Level + 15.650m including Fan Stage Platform |
| HM-062 | Cap - Plan 3 | 1:20 | General Plan at Base Level + 16.400m and 19.00m over Fantail. |
| HM-063 | Cap - Section 1 | 1:20 | Side Elevation showing Brakewheel, Windshaft and Fantail |
| HM-064 | Cap - Section 2 | 1:20 | Side Elevation showing Brake Beam post supports and Fantail Bracing |
| HM-065 | Cap - Section 3 | 1:20 | Rear Sections. (1) Showing Striking rod and Worm Gear and Drive. (2) Fantail and Striking Gear Pulley |
| HM-066 | Cap - Section 4 | 1:20 | Side Elevation showing Fantail and Striking Gearing |
| HM-067 | Cap - Section 5 | 1:20 | Front Elevation showing Timber Frame and Head Truck Wheel |
| HM-068 | Cap - Windshaft and Brakewheel | 1:20 | Front and Rear Elevations of Brakewheel. Elevation of Windshaft |
| HM-069 | Cap - Fantail | 1:10 | Fan Assembly Side Elevation. Blade Elevation and Section. Fantail Centre Post |
| | | | |
| | External Elevations | | |
| | Index of Drawings | | |
| HM-070 | External Elevation - South | 1:50 | |
| | | 1:10 | Tie Rod Roundel |
| | | 1:20 | Inscribed Bricks 1 and 2 |
| HM-071 | External Elevation - South West | 1:50 | |
| | | | |
| | Structural Elevations and Sections | | |
| | Index of Drawings | | |
| HM-80 | Structural Elevation - South | 1:50 | |
| HM-81 | Structural Elevation - South West | 1:50 | |
| HM-88 | Section A-A West to East | 1:50 | |
| E100 | Midling | Not to Scale | |
| | | | |
| E101 | Shutter Assembly and Details | 1:5 | Elevations of Large and Small Shutters with Section A-A showing Lever Hinge. Section view showing Hemlath and Bearing. |
| | | 1:2 | Details of Hinge Corners |
| E102 | Sweep Structure | 1:10 | Elevation and Section. |
| | | 1:4 | Sections A-A and B-B |
| E103 | Assembly of Sweeps to Midlings | 1:50 | Elevation and Inverted Plan. |
| | | 1:20 | Sections A-A, B-B and C-C |
| E104 | Typical Shutter Installation | 1:5 | Large and Small Shutters. |
| | | 1:2 | View B-B and Detail A showing Bearing screwed to Hemlath |

| E105 | Spider | 1:5 | Plan and Elevations. |
|-----------|-------------------------------------|------|---|
| | | 1:2 | Sections A-A and B-B |
| E106 | Shutter Furniture Details | 1:1 | Lever Hinge Plan, Elevation and Section. Plain Hinge Plan and Elevation with Note "No. 3 is similar to 1 and 2 except no Lever Arm". Bearing - Plan and Elevation |
| E107 | Striking Gear on Forward Sweeps | 1:10 | Plan and Elevation |
| E108 | Striking Gear on Rear Sweeps | 1:10 | Plan and Elevation |
| E109 | Links for Striking Gear | 1:2 | Plan and Elevation |
| E110 | Triangle for Striking gear | 1:4 | Plan and Elevations. |
| | | 1:2 | Section |
| E111 | Pedestal or Stump Iron | 1:4 | Plan and Elevations |
| E112 | No Drawing | | |
| E113 | Details of Sweep Rods | 1:10 | Plan, Elevation and Sections. |
| | | 1:30 | View on Forward Face of Sweep Rod |
| | | 1:4 | Section C-C |
| E114 | Shutter Bar Assembly | 1:5 | Elevation |
| E115 | Straps | 1:5 | Elevations |
| No Number | Head of Elevator on Tentering Floor | 1:4 | View of both Trunks. Plan of both Trunks. View on Front |