

MEETINGS OF THE SCIENTIFIC BODIES

During the coming Week.

- TUESDAY, June 2.—Linnæan, Boho-square, 9 P.M.
WEDNESDAY, 3.—Geological, Somerset House, 2 1/2 P.M.
British Archaeological Association, Western Literary Institution, Leicester-square, 8 1/2 P.M.
FRIDAY, 5.—Royal Institution, Albemarle-street, 8 1/2 P.M.
SATURDAY, 6.—Asiatic, 14, Grafton-street, 9 P.M.

TENDERS.

- For the erection of new school at Camberwell, for the Rev. D. Moore; Mr. Frances, architect.—May 23, 1846.
Luting £2,500
Keypiler 2,478
Hayward and Nixon 2,454
Mjars 2,435
Jey 2,379
Bird 2,378
Piper 2,352
Cooper 2,320
Gerry 2,182
Curtis 2,144

NOTICES OF CONTRACTS.

[We are compelled, by the interference of the Stamp Office, to omit the names of the parties to whom tenders, &c. are to be addressed. For the convenience of our readers, however, they are entered in a book, and may be seen on application at the office of "The Builder," 5, York-street, Covent Garden.]
For the several branches of artificer's work, ironmongery, cast-iron, and metal work required in the Ordnance department at Portsmouth, including Fortesca Island, at Gosport, and detached works, not exceeding five miles, at Marchwood, Hurst Castle, and Calshot Castle, at Southampton (the barrack buildings, now used as the Ordnance Map Office); and at Winchester, Christchurch, Chichester, Littlehampton, and Isle of Wight; including repairs to the several barracks (excepting those of the Royal Marines) upon a contract for 22 years from July 1.
For the artificer's work, ironmongery, cast-iron, and metal work required in the Ordnance department at Brighton, Shoreham to Eastbourne, and Eastbourne to Fairlight (separate tenders).
For the restoration and reseatment of the church of Marnham-upon-Trent.
For lighting and warming the new workhouse of the Clifton Union, Bristol, and for a cooking apparatus to supply about 1,200 persons.
For the erection of a British school at Romsey, Southampton.

For the erection of a wood saw-mill and machinery, boiler, frames, &c., at or near Liverpool.
For the erection of a school in Durham.
For the execution of capitals for 32 Corinthian columns and 36 pilasters, for the proposed Huddersfield and Manchester Railway station at Huddersfield.
For the erection of the Royal Naval and Military Free Schools, King-street, Devonport.
For the execution of certain tanks, tunnels, filters, beds, and other works connected with the Coventry Water-works.
For the making of a bank near the Severn, in the parish of Niblethorpe, county of Gloucester.
For 40,000 railway sleepers for the Edinburgh and Northern Railway Company.
For rebuilding the Wesleyan Chapel, Doocraig-square East, Belfast.
For plastering the Wesleyan Chapel at Swansea.
For lighting with gas the public lamps in Canterbury for 21 years, from 29th September next.
For the excavation, brickwork, &c. of a tank, 60 feet in diameter, at the Gloucester Gas Works.
For the repairing of the parish church of Great Wilbraham, county of Cambridge.
For the erection of the new Museum and Scientific Institution at Wiesbech.

For 490,000 railway sleepers for the Great Southern and Western Irish Railway Company.
For repairing a foot-path with Marston stones, and taking up pebbles in Bishop-street, Coventry.
For the works required to be done in the erection of the schools and master's house at Little Port, Isle of Ely.
For draining, paving, &c., the streets of Bury.
For a supply of 3,000 tons of railway chairs, deliverable in July and September, to several foundry companies in Scotland.
For the erection of a new manse, with office houses, and garden-wall, in the parish of Unat, Zetland.
For the works of the alterations and improvements of the Dalkeith Railway and its junction with the North British.
For a police-station at Church Streeton, Salop.
For the erection of a new church on Staplefield Common, to be called the Wesleyan Church.
For the supply of 500 cast-iron gully graters for the Commissioners of Sewers for Westminster.

For supplying stone for repairing the footways and for repairing the carriage-way in the parish of Saint Anne, Westminster, for one year from Midsummer next.
For the supply of 30,000 radiated bricks for the Commissioners of Sewers for Westminster.
For keeping the lanterns and fittings of the several gas-lamps in the parish of St. Mary, Islington, in repair and painting them from Midsummer next to Midsummer, 1847.
For the erection of a new Chapel at Portsea for 1,200 persons.
For building sewers in Clarence-road, Kentish-town, 1,200 feet; the New-road, St. Pancras, 500 feet; Goswell-street-road, 1,530 feet; King Henry's-walk, Islington, 1,150 feet; and Liverpool-road, Islington, and Canning-street, Pentonville, 910 feet; in five separate tenders.

APPROACHING SALES OF WOOD, &c. BY AUCTION.

At Little Orton, parish of Great Orton, near Carlisle: four acres of fir plantation.
At Red hills and Little Stainton Demense, near Penrith: a large quantity of ash, beech, and sycamore, of large growth and good quality.

At Southern and Co.'s Wharf, Worcester Wharf, Birmingham: 2,000 red deals and battens from Mangel and Wybray.
At Church Greenley Common: a valuable stock of well-seasoned timber in planks, scantlings, boards, &c.
At Constitutional-hill, Birmingham: a valuable stock of well-seasoned timber.
At the Hill Farm Grove, Ardleigh: a considerable assortment of oak, fir, ash, larch and alder, thatching stuff, &c.
At Harmony Hall, near Broughton and Romney, Hants: an extensive stock of seasoned building materials, oaken, doors, &c.

At Tiptoe, Northham, North Durham: a quantity of ash, elm, beech, birch, plane, larch, Scots fir and willow, suitable for railway sleepers, roofing, piling, &c.
At Blunt's Park-wood, between Haverhill and Writting: 107 oak timber trees.
At Moor Hall, in Writtle and Fryerning Hall Farms: 107 oak timber trees and 10 ash.
At Charlton Villa, Kent: the excellent building materials of a portion of Charlton Villa.
At the Clarendon Rooms, South John-street, Liverpool: the lease of Crossly's Slate Quarry at Fulguard, Cumberland, with the buildings, &c.
At Gray's Inn Coffee-house, Holborn: the leases, engines, works, &c. of the Aberdare Iron Company, county of Glamorgan, and a wharf at Cardiff.

At the Castle Hotel, Newcastle-under-Lyme, valuable brick and tile works at Basford Bank, Stoke-upon-Trent, Staffordshire Potteries.
At Pettit's Colliery, Monmore-green, near Wolverhampton: a bankrupt estate, comprising two steam-engines, a weighing-machine, wrought-iron rails and plates, cast-iron pumps and pipes, 700 yards of chain, pulleys, &c.
At the Jide Tunnel, on the Bradford and Leeds Railway, near Bradford: seven steam-engines, steam-boilers, winds, pumps, &c.
At Walbottle Colliery, near Newcastle: three pumping engines, with pumps and all other apparatus belonging thereto.
At Glasgow: an immense quantity of building materials, comprising about 300 doors, 700 windows, with slates, lead, flooring, joists, iron pillars, marble jambs, water-closets, gas fittings, &c.
At Crookston, near Fushie Bridge: a large quantity of full grown Scots and larch fir.
At Leith: large quantities of yellow pine, spruce, larch, and deals and battens from St. John.
At Horingworth, Suffolk: 300 oak trees, with stands and ash poles.
At 123, Oxford-street: a collection of magnificent stained glass windows, ancient and modern.
At Eastgate, Broadway: a quantity of ash, beech, elm, oak, &c.

TO CORRESPONDENTS.

"Correction of Area."—An answer to "Builder" shall appear shortly.
"G. B."—We cannot assist him.
"Colour for Cement."—A correspondent wishes to know what is the best composition for colouring cemented fronts, &c.
Received.—J. A. M. W. T., "Subscriber," "G. M.," "Decorative Art Society."—Other correspondents must excuse us (ill next week).
Books, &c., Received.—Portrait of A. Walby Pugin, architect, painted and engraved by J. R. Herbert, R.A. (Herring and Remington, Regent-street). "An Account of the Religious Houses, formerly situated on the Eastern side of the River Wilham, by the Rev. Dr. Oliver." (Spencer, 314, High Holborn). "A Treatise on Railway Surveying and Levelling, by John Goussard," author of "The Art of Land Surveying." (Reife and Fletcher, Cloak-lane). "Drawing of Old Hinges, Britanish Church." "View of Pembury Church, Mr. E. N. Stevens, Architect." "The Handbook for Mapping, Engineering, and Architectural Drawing, by B. P. Wilme, Civil Engineer." (Wesley, Holborn).

ADVERTISEMENTS.

BEST PAN WATER-CLOSETS, with Round Valve, complete, 31s. each.
WASHING COPPER, above 12lb., 1s. 1d. per lb.
COCKS, Ell, Ball, and Stop, 1/6. 1-in. to 4d.
Lifting Force Pumps, &c., and every description of Copper and Brass Work equally low, at Messrs. MACGLASHAN & CO., 15, Long Acre, London.

WARD, Honduras Wharf, Bank-side, and St. Michael's-alley, Cornhill, has just landed a large quantity of his very superior manufactured Fire Bricks, of Stourbridge, Welsh, and Newcastle. Prices very low. Shipments made for the East and West Indies, &c., with the greatest promptness. Gas companies, engineers, builders, and all large consumers supplied from ships in the river at a much lower price. A very large stock on hand of Bricks, Lumps, Tiles, and Clays. River sand and gravel by freight to any wharf and dock.

PANTECHNICON AND NORTH LONDON DEPOSITORY, GRAY'S-INN-ROAD, KING'S-CROSS.
THE Nobility and Gentry are respectfully informed, during their temporary absence from War, they may have their PICTURE, Plate Glass, Books, Pictures, and every description of property, carefully removed and warehoused at the above extensive stores. Light and elegant SHOW-ROOMS for the standing and sale of carriages. The building is secure from fire. Parties may have any size rooms. Horses received for safe keeping.—Established 1838.

Railway Surveying, Levelling, Plotting, Computing, use of Theodolite, &c., PRACTICALLY TAUGHT.
THE Advertiser (an Engineering Surveyor of Extensive Practice), is now devoting his time to the instruction of persons for Railway Surveyors, &c., &c., undertaking to make them SELF EVIDENTLY COMPETENT to Survey, Level, Plot, Compute, Determine Heights and Distances, give Curves and Gradents, &c., &c., on all sorts of Ground, Terms Five Guineas; proficiency guaranteed and references given.—Apply, if personally between 3 and 10 P.M., to G. T., 117, Park-street, Camden-town.—N.B. The above instruction is as short a period as possible consistent with a thorough instruction.

By Act of Majesty's Patent Letters Grant
BAILLIE'S PATENT ROUNDED RIM LOCKS. WITH SECRET AND SECURE PRINCIPLE.
THIS CHEAP AND USEFUL ARTICLE, obviating the unsightly appearance and insecurity of the common rim lock, can be obtained of any respectable ironmonger in town or country, or from the sole manufacturer, Mr. EDWARD WRIGHT, Wolverhampton.



WILSONS PATENT VENTILATING SPIRAL CHIMNEY POT.
For the cure of smoky chimneys (manufactured by J. PORTER), in the ONLY article for the purpose which admits the draft of the chimney by an external propelling power. Upwards of fifty were fixed last winter on the chimneys of Buckingham Palace, and Windsor Castle, with great success.
This Chimney-pot is not only the best and most effectual ever invented for the purpose named, but stands unrivalled in its ornamental appearance.
The public may be supplied with the above useful article by any of the respectable ironmongers, or at the sole manufactory, Southwark-bridge Iron Rolling Works.

DAY'S PATENT WINDGUARD, for ventilating

- Churches, Shops, Kitchens,
Hospitals, Bed-rooms, Offices,
Factories, Smoking-rooms, Ships,
Theatres, School-rooms, Mines,
Breweries, Nurseries, Venues,
Malt-houses, Stables, Tunnels,
Club-houses, Larders, &c. &c.

Also for preventing down draft; and is guaranteed to cure all smoky chimneys caused by wind; and entirely superfluous the use of revolving cowls, or any thing unsuitable or unsightly on the tops of chimneys or ventilators.
The object of this invention is to create a draft when otherwise it would not exist, by the spontaneous action of the external air. The Windguard forms a pleasing octagonal pillar, and by its peculiar construction to carry out the principle on which it is based, which consists of the wind giving a disposition for a vacuum within, thereby causing a constant upward current about equal to the velocity of the wind at the time acting upon it, which averages about six feet per second thirty days out of thirty-one; therefore, will always at all times ensure a continual change of air, being no impediment to spontaneous ventilation, even on a perfectly calm day. One five feet square will ventilate a building containing upwards of 1,000 persons. The Windguard applied to ships and steam vessels, in the form of a sky-light, prevents rain or the sea entering within, however hazardous the weather may be, thereby affording excellent ventilation as well as light. The Windguard is simply applied for effectually ventilating bed-rooms, nurseries, smoking-rooms, offices, &c., causing the air of the apartment to be at all times as pleasant as can be desired. It is fixed at the top of the chimney, in addition to which a cast-iron frame and valve (about one foot area), made to open or shut at pleasure, is let into the fire, near the ceiling of the room, in all low the room being situated according to the mode immediately carried off. The opening is guarded by a neat wooden blind or grating; and so powerful is the effect on a windy day that if a handkerchief be thrown up to the grating, it will remain there—i. e. if the valve be open. In winter the valve would be only partially open, to allow the smoke from the fire to ascend, but if the room be found too cold, can be entirely closed, so that the Windguard applied to the tops of chimneys, is all an advantage from the basement to the roof, at the same time it does not, nothing else applied at top will (of the same size); care, therefore should be taken to have the proper size applied. It is simple in its application, reasonable in price, ornamental in appearance; no machinery or anything movable in it, therefore, cannot get out of order; free from noise or any unpleasantness whatever; too liable to shake up with snow; no obstacle to the machines used for sweeping chimneys. May be had of all respectable ironmongers in town and country; and may be seen daily in operation, where its powers and usefulness are exhibited by the constant tests, at THE PATENT VENTILATING WORKS, COMMERCIAL-ROAD, PIMLICO (LONDON); where also may be seen Mr. G. T. DAY'S patent (the most direct applications of his Patent Archimedian Ventilator and his Portable Water Apparatus) for effectually Ventilating, Warming, and Cooling the Air of Buildings, Shops, Mines, &c. &c. By the use of these inventions many thousand cubic feet, or any quantity of pure warm or cold air, can be guaranteed to be continually exchanged per minute, day and night, winter and summer; thereby insuring, at all times, free ventilation to the rooms and passages of buildings, &c. from the basement to the roof, at the same time in such a manner as shall not be imperceptibly perceptible. The size of the apparatus depends on the nature and use of the building and its occupants. The Patents have been honoured by his inventions being applied at the following places:—
Trinity House, Ordnance, Greenwich Hospital, Christ's Hospital, Westminster Hospital, Bethlehem Hospital, Surrey Lunatic Asylum, New Royal Exchange, Mansion House, Goldsmiths' Hall, Fishmongers' Hall, Ropers' Hall, Dyers' Hall, Grocers' Hall, Armourers' Hall, High-house Meeting-house, Haverhill Square Rooms, Theatre of the Westminster Literary and Scientific Institution, Grand Opera House, Strand, City Club.
And many other Public Buildings in Town and Country, as well as to the Mansions of many Noblemen and Gentlemen. Licenses granted for Manufacturing the above.
Drawings and Plans made for Ventilating and Warming Buildings of every description.