hit fienda bla somily and bis anceranors, the Wht entionstion in- Thich be wep held by he-pight feqd us mucb prife in sesepting. the thoy did to aning il Nor were they Donaldeon'a mivem: he pea a cortesponding membar of the Preach Imacicule, and Profeicor of Arehilecture ta onio of the mare receot. and, ho hoped oue of the more eaifblened, inetitutiona of the present das, Ila had been nerarely atirited for come time; and, thenfore, bad to apportunity of kooming the wihh of his colleagues to preaent to him this medal: sad their graciscetion ores iocromed by sering bin again in tealeh end rigour. IIn lordahip is concluning, agein exprosed the axusene plencure, estinfaction, coavejor to Mr. Domeldeon seatimony of the eatceto. and regard of his prolessional brohiran.

## We need acapcely my thi addreas wat ro-

 cired witb areat epplane.Profenaor Donaldeon, on rising to achana. ledre the boocur comferred upor him, wat proped mook warmy hy the seextiog. Ha byond bave beeo rlad, be said, if, with prosnaty, is rectiving thin rondu, be mighe bave Wher quive ioadoquate to or preat bis sentiment - thie occasion: hat be ahould be corry is hie thenet rere to lead to any mivintarpratation of lhe aralitude he felf for the high honour conlerred upoa him, had mose eapecially in rovipiag at the mods of bis lordehip, who 4hit over been the great friend of the isitianpy mepbers of the profession were led to Stect that architecturs and ite proteceore had THat position in eariaty to which they were puliod. The memberse of the three "leas Ded waly archivecte were exitited to the like dieHeph. It was true the metrhers of the Falesione referred. Lo, de coted candy yew to Yyt ionpertan! atodies, end canne into tha anld after gaiuiog booorre and diutinction; a is what reppert wore the archilecte hatid thens Ther aho had to pacte yeari Nareligg the inlemor deparimanti of their ody of the principlen of aucimt sirt. Such enfices, awh privacions, and auth daracere or travel was nat dorosd of danger), esutlad ith that folivg the Joncutute wae proposed; -alordchip, their Prosidonk, shared that feelina. tentiventy achiered the utmost ancreas. Io peaking of a topic of the day, whech wet in every gete mouth, ho might, persaps, compare that vinly in the atatare of the rooms they oceupied, -4. 20 thelr diversibed contenta; for the booory and carreoponding members of the Inetio the had eent, for the iontraction and delighi Ithe membert, mont iotereating contribuLiont ; pota, frints, and dreminga, of the greateas thel almoet every part of the world. It had Heas and thet erobitects had not reodesed full tarico to the denigoer of that woadrous ediai; ho juatice was col done to the pronutht in the securation. IIo, like all his Cuhren, wal resdy to icknowledge merit herover it way wo fouad; snd certainty 3 higheal credit bes dan io Mr. Paxho. 4 muat be romemberad, howeecr, thas Mr. When stat aman of ons ides. Brought up 4 a gurdener, be cobstructed with the grestest preanity a buildipa for the reception of that foblo plant the Victoria Herie ; and foding in Fa conatruction espuble of exteonion, he Pultiplied that idea till be produced the greas puildiag which had been eo successful. No ef could deoy that this was happy Ides: pat considering the acientific akitl of Meacrs. fos and Hendereop, the ralumble suggearions of Mr. Barry, and the artiolic sasti of 31r. preat Jones, is souet be fels that wo auch a rombination wi were Indebted for the swont yuceranful edifice of modern.timen. One thar bubject he mould beg to meation. He
idatruction of the jution membere of the profosion: ond fering a peculter plesevre ind ardour of youth. ho could nos ber and arolour of youth. ho could not bot hend therefors, prodiced is him griat eerrow, wil dity rosrestiod by the council of the Inacitule, that the jounter brencties of the profeesson bad not repponded W the sppeste amde to tbem by sto coteril and the membera. They woald do. Foth to smitate the cousve of stedy purcuad in the
 which grioed ubjeerdity and orber hoomwin thein. .- They might be acoored that the devigne sobmitted to them io comporition for the Inelitule prisee were worthy of their coat candal atudy s sanl notbing could be trore gracifyng, at an sarabe of their future auccema, than she abibity 10 bisy thes the mombern of that body, their neniorri in the proferaian,-had rewarded their estly eludiee. Sach bonourt of others thilet they ensblad their mopiente to offer themselves with prestee edrabtages than other erveld, in anj aituation in whicb they might wiald to place themelres. They, the eevior members of the proleacion, had done all they could; but they mast look to ibeiz autcencora to maintain and elouste ite character in the aight of Europe. He feared he bad puraued the subject soo for, but he could not evoid ins. pressing these riews opmo the generous exergies of the jounger members of the profeasiun. He would canclude by espreacing his daep cence of the honour conferred upon bim by the selection of his asme on thit occasion by the Inecitote, and by the confizmation of that celection by Iler Majesty and ibe Pribce Albert. He should ever retain s deep aedere of pratitade for so bigh a diatinetion, snd his beas etforte would be ilwaye at the service of the Inatitute, to promate ita interesta, and eonfirm

A liberal display of dranings, prints, and illpatrated books, attracted the sttention of a crowded moseling ; and we may eapectally men. sion a very chaice collection of sutograpla es. hilbited by Mr. Robert Cole.

## MATTERS CONNRCTED WITH THE GREAT EXHIBITION.

Porilaned Comeral Brams.-The exbibitors of the Porthend Cement Bram, neotioned io : commanication aigned " II. B.," in oue laat number ( $p .324$ ), wrive at followa :-

In noticing the beam of hollow bricke and frarthand cament whieh we have ererted in the outaide eourt of the Great Evhibition, your correspondent diseovere that no lest than luar courcee of the briekwork of the wid beam are ioterworen in every tourue and onder every hrick with atrong boop-iron; which inducse him to atigunwie the whale experiment an mere firee, sid to suggeat thas the Royal Comenis wionere should have the whole deception st once remored. He then rufera your readerato s lagge clab of the cume cement, made by asotber Grmo, pery mear to mur beam, and recommedde it to their inapertion; hut bad be beem on impartial critic, be aboold bave read tha notice sffised to the berms which is to the effert thet this beam, conatracted of Portleod cemens and bollow bricke, is identical in alze and gencral character with one builk of common hrifise and Roman cement hy Mecara. Prancia, White, and Co., in the rear 1836, as Nige Elame, and which, eltor atending ciagheen monsh. Wey hroken doen by a veigh of 50,000 iba. The notice alco refera to Geaeral Puley' rork on Cemedt, p. 104, which doseribes that beam se buill st the eugReation and under the adries of Mr. Beaned, wo bering, in the year 1833, builf one himell, in which the employed quantity of boop-iron preseribed ${ }^{10}$ Mestec. F. and Co. the dumespiecee of boop-irm, fifees in number, should be dieposed. Everybody hoome the ertant so Which ivan bond 14 now used in trelle to give allow that hovald bean iniereatinge wer lully to try the streagth of s beaco soborded againt
one mithoos iroo, it ie elear that auch whe not the isuation of the preant erperion? On object wae to rax the wrengit of Portimed agrisat Loman excomen, and the oaly wey to do this wan $\omega$ troild a bean under the cave conditione as the Ruceat cmernt beca above roferved to.
Wich ubil explacacios weme yow 10 judre thather is be right to promonnet this esperiosal s deception. The aubasisution of bollos for common brieks in thic erparime oniy eerres to give addrucaal iotmint to 信 thourlt it plices ut it come dinadrentong in rappect of the surfoces to be cempenled

We get the folloring from the Expanior.
-The Benier-Hower.-To aupply menm for be gravilous use of exblbitore of "mabient is motion ' ths comanisaionera srreted a boilerhoure without the Groan Building, on the wosth ande of Rothen-row, st abivance of 155 feet fram the Dorth-went sogke of the Puisor. The whole leogit of the buiber-bouse - 96 fant from centre to ceptre of columas. and the width 24 leet, the pripciple of can. atroction bring the anme an that adopted is the ' Iodumrial Palece '-rastiroo columas at intervale of B feet sod 24 feet reapectirely, and 24 -feet indlio-girdern ferming the framework of the structare : While, instend of riuse boarding at an inclosure, 9 -inch brick wello are subotituted. Tue baidling ie diritied ioto thre compartunente by two crose-brice vaile of one trick and a balf to thickness, whok support a eapecious cold-water chik. The largeas 00 m partument, at the eas end, is fur the woitere, beid 50 feet ia length; the moddie comparsment, iotended lor alores, 20 feet; and the wevtera compartnedt, slat for atorts, 26 feet in leagth respectively. From the lerel of the grouad to the top of the treiliogirders is 22 feet 2 inchee. Over the boiler depsertaent the rooing will be of carrugeled irso, whereas
 over the weatern disianonstr. carian to thate of the pepat building, in in the courbe of constraction. The tanis it formed of clatison platex, boited comester by means of intercal Aenges, io the or diany may. It is 21 leet rquare. and tret is iaches in degit ; conmequently will rantain rather more than 35$\}$ tona of water. There are altagelher five boitere, all est in brichwork: thelargent one is in the middle, and in from the works of Means. Galway, al \$haneheater, conaituig of two large harizontal tabies op ryhnder: commanicaling with each other ot ifeet 10 inchen from the fromt of the surface, and at the other end fuar rertical iolien of 8 jochee diameter, pass:ng from the lawer to the upper part of the boiler, and 10 conoidical zubee for the wame purpone; the whole lengit of the boiler weing 13 feel, and the drameter 2 feet \& inebes. The ataller boilern, two on each ade of that alresdy mentioned, sre of the higbprecsure maltatabalar tonatu uction, an used for locomatire engines, being 3 feet $y$ inchee in diameter, and consiating of al horiznntal subee. each of 23 inches diameter: sant-iroo hracket is riveled to each eide of the boiler, to securs. is to the brickwark, the flame firnt acting on the bottam end sides of the theiler, wbich is aspiorted intermedistely by 140 crose walh, and returning through the subes toward, the chimaey, which is fired at the furnace eod of the boiler. The chimner in conetructed of aron pletes, rireled toperther, belng cireular, of 16 inches clear diameser. and 21 feet high. The pipes to ronver the steam into the ma. ehidery in motion' departmens are of eantifon. of at incher dismeter internally, conipered together by flonges in the usual wre, and coated exterpelly with fels. The undergriound thaonel for shese pipes ic formed by a foondsum of 3.ineb paring, on which are buih dwart g.joeh sidee of brick, in eemens, 21 incliea high, she whale being corered at tnp by :mo planks, the lower one of 4 inehes and the upper one of 3 bower oue of inchea ond the

Effert of the Extibition on the Operatiers. - The Times mal ed the folluwing remarke: "Is is a question of der and. geaeral intereat bon the Extaibitiun will iell on the marsen, particularly on those tho are somesinat firepared by the noture of their appployment. All bui breco done that em be done, and it oow enly remaina to awit the

