## WATER POR NORWICH.

Sie-l anbmit for consideration the followiog augentions for obtaining an ample supply of rin-water for Norwich.
We have a sureet in this cown at one end of which (shougb there are obstructions at preweat in the wry) is placed the bequtiful "Norman keep ${ }^{\text {m }}$ of our castle. The inhabitants of thin atreet draw itheir supply of drioking water from a well. I think, from 120 to 130 feet deep. One side of this atreet commanda the most beauriful prospect in Norfolk, perhaps in Eagland, now shut out by buildinge of the moas wreched character and deacription. alshough it in the direct road to the west part of our environs. Along the atreet fountains would not onls be nf greal pablic ntility, but mixht be made, by the aid of architectural genius, cources of infinite pleanure.
I lived, during a period of shree years, io - warm climake. and occupied a bouse in which there were never less than ted perwans, and frequently during eumomer upwarde of trenty fur weelas together; and athount there was well within a few feet of the door we preferred making use of sha rain-mater, prerefved in a suak stome tank, during eerey part of the year, and for all purposes, the noof arfording an abundant supply, notrithotanding droughts of sis weeka' and two monthe dur: tion. I cannot beatate to believe that in this country quantify will not be the objection. There we bad wood roofen and wood muphed our firet. consequently the water which fell from thern required no previous ןreparations: bere coal fires give us the trouble to purify the draughe.

Norwich.
W. T.

Rein-water fountains, provided with sllers are inespenaive in their first furmation, and are maintained at small cost in full efficiency for many yeara. They poo
ist. A certain supply of really pare water throughout the rear, at the rate of ten gallons per diem for each aquare yerd of surface led nto them.
2 ad . Ther are aceesaible in the depth of winter as in the height of summer, for they canoot freeze.
3rd. They riell not only the purest reler all housebold purposes.
th. The ureeta may be cooveaieatly wetered with their sid.
sth. They are certain reoources in casen of fire: and inatantaneousiy applicatile by the mont sumple means, which a child may comprebend ond make use of.
6th. Water, the grand requisile for wanitary purpones, is by this mean obtained ubundanly and cheap.
It appears by the Norfolt Rain-Gauge Reginter that one scre of hand receive during the yeti 13.923 hogsheads: thic quantity will give to eech square yard of roof (withis a frection) 150 gallons. A cottape therefore, ill sire ten pallona and two pinta per yard its occeppenta shroughout the jear.
The makn will be circular and sunk iatn the eartb, built with hrick, lad aikb Roman cemeot, and facel with the wame, and sufficiently deep to, codtain an iroo frame in four parts burroending a centre man-bole, in which (for cotengs supply) a pump will be fised for common wie. Lpon shese iron frudes the fodlowing asterials should be placed :-
inl. A atratam of ofater-abelle, 3 inchea deep.
2nd. A ditto of chareoal, same thickness.
3rd. A ditto of fine sand, ditto.
4 sh . A diteo of shagite, ditto.
These will form a aufficient filter, and (1 think) render the meter pure und clear at crystil. The landlordy of collage property to be instructed to lead their donn pipes inso these receptacles, through such tuhes as might be recommended. When the tanks are made one of fur street and ornamental purposex, force-purap (haring an India-rubber howe tubiag) might be fixed-and this tubing may be of soy denired length-and would be nsed to water the streeta, aupply reaervuiry in all the arrounding housea, and aloo to estinguiah

## BLIND BUILDERS:

We have but one object in giving the liata of ill-considered tenders which occasionally appear in our prages under this head, and that is., the advadtaze of buildera. We did oot adopt the couree mithout due consideration, and we are atiafied the decernination we came to is the right one, and vill effect grod.
Amongat correspondente on this subjoct "Ad Architect" thinka we may be 00000 tinem unjuat to the homest in the application of the term, which may rather apply to the highent. We do not pretend to may which is in error,-but that one is so when such differeacer exist as those we have had occesion to chronicle, in undeniable.
When, taking two iontances from a pile now before us, we fod tbe bigheas tender for asow thop front in Itlingwas 350\%., and ibe lowest 1931., and thirteen tenders for certain work to the London Mechanicu' Inatitution ranging from lith dowa w 381., the justice of the opither, and the noceanity for corne proceeding to make buildets thiak upon the aubject, muat be evident.

One leading builder, in a letter conteining an assertion which is necesanily whody groundleas, and as it seeme to ne tumewhat imperuacai (namely, that we "have upon thin subject, no correspondent of bigh standlng in the building buainess ") threateon we with legal procedings if his name ehould aghin appear is our paper under anch circumstances. We have no desire to annay, still sens to injure, say one, but no foolish and idile threat of thin wart will prevent un from con. sinuing in a course which we consider for the general good, wo long ma anch tenders as the Eineral grod, to long Eanch tend
Tanders dehvered for aundry alecrations to s house at the corser of Whiterimera-atreet gad Promrow-hill. Mr. Malpat, architect.

| Wormaley | 21.134 |
| :---: | :---: |
| Pre.... | 959 |
| Bug | 910 |
| Lyom | 903 |
| Daby | 800 |
| Niettug | 780 |
| Stmumb | 760 |
| Jomeph Gremamood. | 103 |
| Dean | 695 |
| Pillee | 687 |
| Wateon | 670 |
| Jamee Greestood | 650 |
| Jamen Judd. | ch |
| Collinis. | 639 |
| Consad Haxt | 595 |
| Howlota and Coltext | 328 |

IIEALTH OF TOWNS ACT IN DOFER. connianios or ingolar.
ME R. Ruwhinson, one of the ingpecton ppointed by the GeDeral Board of Health, opened a court of inquiry al Durer, on Monday, the sth inat., which continued for ceveral dajs. A great Dumber of vitpesses were examined, moost of tbere voluntarify, and ouf vormsints say abundant reatimony tras prodered of the oecesaity for the introduction of far greater powere than any hocal Acte now give defective aupply and bad quality of the writer, the evidence was complete; no establishod rule of charge appears to bave been adopted by sither of the two companies tbo have parthioned the town; and there are many parta bere the maina we not introduced. Gas is wupplied to the public at 7 s. 6 -d. per 1,000 feet; the street lampsare charged 31. 3n. per annom for harwings, consuaning 5 feet per hour, and 35s. for three jeta, burning 3 feet per bour, the Compeny fursushing mains and bacope. On the getreral alluborty of the comp., and the healihy state nf the inhabitants, the medical missioner, stlended by Dr. Soulby, Mr. Hupty, archisect and surreyor, and the surveyor to the Paving Buard, mele a personal isspection of mont of the loclities, many of the poover districta presenting asene of the mont disgustigg filth. The source of the river Dour were next risited; but the immense maount of mill property situsted on the stream, and which must be coropensated if any deprivation of water at the head

took place to any ertent, such na that for the unpply of a large town of 20,000 people, ie thounth to render it oecessary to abandon all idea of accomplinhing it in this manner. The ofl-repeated anawer which wan given by the poor cothages, that "we do not live in this condition from cholee," is convincing that if you give them the means they will be clean.

## RAILWAY JOTTINGS.

Notices have been lodged of application to Parlmaent for ise sanction to apararda of twenty amalgamations in England, and eight in Soothad. The nuraber of plans and secLions lodged is connection witb ralways down to the thes day for their reception wan twenty:
oine, two noly being for pew liaes. commisaion of practical enfibeers and scienlife mea ba been recentio mprointed as the mammendation of the Hulway Commis. diveran to invectigate the propriety of em. ploying iron, and perticulariy ceot-iron, in rail way worta.-The reduction in price of coal Eantere Uaion, hae been equal to the amount of pour-rater levied in the town. - Notwithmandiag the wee of powder magazines wilh trins, and the prohibition of other coolen of coaveying guapowder and other combustibles, © euch carelosences in the disponal of riangerous materiale such as sbese, and that hy the raitray officials themaelren, bas been nec?. cionally evioced, that complainis and wirmins" have repeatedily been given by prudedt irei will W more than one of the priocipal cordpries. Probibiving other modes of transit, and taking opecial charge themsetrea of such materiale, it oertanely is incumbent on them to carry out the most stringent regutatioas for their sate lispooal at every stage of their transit. Never-
theleas, an sccident han jus occurred on the Eastera Counties linet wich perilled the lives of numprous partien trome escapo was all but miracaloun. Neaty two cmt of powder in two separele barrele, on being taken out of a train magamine at Wuthan, in place of being warly and at vace diaposed of in a place of safety, were carclesoly put down in the vers way of a engine cruthing them to pieces, while the aparka from the grating in a moment esploded
 aidelong of the rails, tearicg up the permanent ray. omeshing sereral of the carriages. and arreating the train with a sadden shock. Had the aparis taken even asingle secon:! longer to reach the prowder, the explonions instead of tahing place beneath the for.a dervas and reaistive cagine, must Eave alyn every soul is the carrages belu.d it. Palway reckleanness meets amazir aty often with "the devil'a own luck:' it is, indited,
amazing, how the merexs and mat' critocal chance so often tempers such fatalities with merciful interpocition. We would not advise raivey nfficials to trust too much os too long $\omega$ such chancen, bowever.-We confcse we bave a spice enough of uncharitablenéss in us to rejoice as the continued failure of the returnrailet auspenaing on the different linen of railmay. Taking the three last weelus before the oventiul 1st of November, the grose pas. meiafer receipts on the Great Western were $45,574.15 \mathrm{a}, 2 \mathrm{~d}$. for the three reeks. The peecenger receipte for she three weeks after the Ic Noveraber were 37,2821. 64.; showing a fallag-of in the passenget traffic alune in these three veek of $8,2 g 01$. 9m. 2d. I and this woo, wich 1st milea of additional line brought into productive operacio. The whole of this dimioutiod in on the passedger traffic alone: the good trathe contioung nearly sutionary Agcio, the Madiond Corapeny's uaffic for the ment hefore the It of November was $21,4+6$. 20,8241 ; showing a filing of of 6241 . For Ube thre mook: before Norember lat, the trafic wre 67.6014.; for the three after Nio vember lat, it was 60,3131 .; showing a fallinit of, on the three weeks, of 7.379r.! Thus it is clear that the railways will get lems money out of the increased cost of travelling; and "the public," as the Gloucester Journal reinarks, " may now, we thiak, confideatly reckon on a retura to the system which worked well-not only for tha public, but for the companies theinnelves.". Yef ouch stupid and obvious miscalcu-

