feeling of indiguation at the oulpable remissness of the authorities in tolerating the ereotion, for houses, of these wretched shells of wood, which becomo a proy to the first spark of fire that falls upon thom. It is properly the duty of municipal corporations to guard against the erection of dangorous buildings within their limits: but if Cor porations fail in their duty, then clearly tho Logislature ought to step in and enact a general law for tho prevention of the crection of my wooden building withiu detined distance from any other building; and impose upon the officers of municipal corporations the duty of enforcing this law at tho risk © pains and penalties. Nothing less than this will bring the municipality of Quebed to its senses, and wo hope tho Legislnture will not miss the opportunity, at the next sossion, of enacting such a law.
the red hiver extedition--ENGineers LEATING THE CAMP AT POINT LEVIS.

A body of hoyn Enginers, nineteen strong, hare areompanied the Red Miver expedition, for the purpose of making plans of the territory and enguging in other operations conare under the command of Lieut. IEneage, R. E., who has been engaged for some tine past in putting them through n
course of premaratory trai :ng. They have receired instum course of preparatory tran ng. They have received instruc-
tion in all the latest impr, vements in military enginering, signalling, de, and have also learnt a new and improved This body of the Red Jiver armament left their Camp at Point Leris, Quebec, on the isth nit., on their way to Furt Willinm, via Jontrent, Toronto and Collingwoed. As this is
the only corps of Hoyal Engineers promeding to the SorthWest, their movements will be watched with great interest This week we commence one series of illustrations relating to the Red River expedition with a sketch, ly our special artint in Quebec, of the departure of this corps, wad wo trust next ches of their operations, from the pencits of arm ariste arom pansing the expedition.

## THE DETROLT RIYER TINAELS.

The Detroit river is in renlity a stroit, conneting three
 and the West must phas ratil the Otawa or other canal is
built to receive jt ; $n$ comperce which is tent, is incrensing rapidly, and what increase formany mear to come, as the yet unoecupied territories
nations, are settled and become productive.
At the present time cars are trane correll heiwedn the Midit gan Central and the Great Festern by icrry luats jint the tusiness of these rads is increating so rapidy, and the exten-
sion of the ssetem of rods in the West, whin find their wuthet over these lines, is so great, that it has lucrome of the first importance to
The preliminary survers and borings in the river ind, hade.
to the full depth of the cunacl diseoverel a pase actoss the river, which passes the cutire distance throwinh stifich lime the firer, which passes the cutire distance throtigh stidi hlme chay accasional pockets of sind and cravel, so works of thas kind formation of this section, were fond, and thesen may promube
tomporary hindrances, but only nuch ar are seatily surnonated temporary hindrances, but only nuch as are reatily
be the molern appliances of tumel cristrumion.

 farourable grale of the strect, the line will wet under cover at
Cass Strect, and for a short distanet. will the under covering.
The rising grade of the sitreet and the hesembling wade of tance of fort make it practicatile to commence arching at a ilis ihen a double-traek tunnel or coscred way will hen buitt. a distance of ninety-iwo fect from the Detroit purtal th circular form of tumal will begin. from that point there
will be two single-track tanacle exteming to the portal on the Will be two single-track tamache extenting to the portal on the Canada side, from which an open entting will extemi for about
hali a mile, and thence the track will run on the suriase for hali a mile, and thence the track will runt on the surfase ior
abont one-third of a mile to the junction with the Great Weat one-third of a mile to the junction with the (irem
Wialw, two miles distint from the Windsor Station

The length of the tunnels from the betooit to the Ganala propose the constrnction of two single-track tumels, led in separate, instead of one larger one sufficient to accomodntely duoble track, because hy this plan the total amomint of exeava tion will be considerably reduced, the lability to neeident in regular traffe will be greaty leasened, nal alaso by the im portant consideration that in the event of accident or niny
obstruction occurring in one iunnel, the other will still be ready for use, and the passage of trains be not even temporarily prevented.
lel, fifty feet apart be cylindrical in form, and will run paral lel, fifty fect apart. The interior diameter of each is cighteen feet six inches. The ghall of brich masonry will be two fect thick in all tiant part of the line under the bed of the rive
at each bank this will le reduced to one foot six inches. The grade is one in fifty on each side of the river, with feet of Icvel line under the bed of the river. with an interior diameter of five fect, will he built, extending across the rivar considerably below the main lines and midwny between them. This will be first constructed in order to drain
the main tunnels while the work progrenses in well as after. the manin tunnels while the work progresses ats well as after
ward, and also to develop fully the character of the soil at the commencement of the work
A working shaft, ten fect in interior dianeter, will be sunk and connected with thern by lateral drifts, each with anela and connected with them loy lateral drifts, each with an in
terior uiametiox of nine feet. The engincer estimates that without sinking any working shafts in the river, the work can
bo completed within two years, nllowing a margin for extin The estimntes for excaration aud

Axenvation in open culting
Excavation in tumnols
Brick masoury (oxelusive of drainage tunnel)
fone masoury
The estimates for the entire cost of the tum proaches, including a permanent donble track with aprails, right of way, ete., amount to $\$ 2,650,000$. The enpital pleted, will the a and the genius of tho eugineer and one of the sreatest weom plishments of modern enginecriag sefence.

## PREPARING FOR THE BATLLSE.

Another scene of woodland life. Two huge deer-midently met to decide their clame nitions of some timid upraised heads, nom with a lond trumpellike ery that ewhoes and reewhoes throngh the glades of the forest, the two disputants are preparing to rush upon ench other, and engage in a fight that may in all prokn
bility prove fatal to then hoth. 'Jhe does are timidy jowking
 rom the strite. The whole gronp, the wo maner monsters deen backereund of rich foliage are aptly comiaived taid artistically rendered. The artist is Carl Kroner

## GNGalese pagoda.

This illustrafton gives a view of a temple in the virinty o in the East Cerion is the one where the worshi; of madula most prevals. The whole ishand is dotted over will mome ments, temples and pagenlas crected for the worthip of or to apithe these menery, aml an the immediate vicitity of the
 oughly ormamented, though there are exceptions where th rameration is womberimly intricate amb chaberat

## TUE FEMAS RAD.

 Heab-qcabtara, mis ABEET
On the enth of May the Finians, mader Genemal ossil,


 West on the borders they weremaking large gatheringe, the evi dent intention being to make a simultameonsattark ngen Camata
a many different points on the frontior. The isne ai lrosi dent Grants Proclamation on the day previons, mentioned hy as last we-k, somewhat disconcerted the Fendan jlats, ane did not master in anything like the thaticipated numbers. Sow that the rail has proved a diseramofol fazal:, ite inerp tion is dixarowed by all the winge of the Fentan orwazation are that under the direction of (iencral opto whe it bi posent prison home is denombed as a conard and tribtor by Cor commenced on Monlay, when erowds arived at sit

 xtrondinary lespateh on hat and the followint dayd and
 hon of the fore. On the morning of the gth, at five oreterk Brigade. "mhar command of Lord $A$. Enssell, with 11 . I: II forme Artint on the staff, left Bonaventurs station th rome there posted, as Gen. hinlany might see proper. Jhoy numwered 700 strens.
Con Smith with a dertwhent of the goth having arrives a mevon-s arem sight miles from the burvere hate on the
 samping gromad. When they arrived at the ppot so semen to be the theater of hatth, they fomm nireuly before them the gall:an ig Cayt. Westover, and a few other spirited farmers natid horde Gorthemen, who took npon themselves the duty of preparin, lealership, in connection with the fores. wnder Colonel W Osborme Smith, nnd he. Col. Chamberlin, dill most excellent and impertant service th theis conntry lufore the day was done. Cencral Lindsny disposed of the other forese, volum
 ceedings at Cook's Corners and vieinity where the only reat fighting was done, we sliall confing our remarks prinetpally to the details of what took phace in that neighourhool, for at the other points the enemy retreated
forces, withont watine to fire a shot.
Onces, wiont morning of the esth a sho
 border and ilone the roarl leading thence to Cook's Corner on the Caunde side they had segittered their case of orma sand ammunition, which werc being opened and diatributed among the men. It whs reported that at this point ihe Fenians numbered alout one thousand strong, ind had arms for at least two thonand more. Gememal ONeil with Ceneral Donnelly, his chief of staff, apent the nightint Franklin Contre, and early in the morning procueded to prepare for Alizany, U.S. Marshan, remonstrated with Gen. O'Neif, read ratnes prociamation, and otherwise endeavoured to dissumde prensed his conterngt for the presilent in lnaged to have ox cible than polite. At all events, he clisregarded tho procla
informed Col. Smith that he had no troops at hani to prevent thu Feninns from urossing; The Canadinne, (hervfore, wared position on the hill-side, nhout 600 yards from the 1 veer in ino, on the niphl of the 2 th, where in the morning the line, on the hight of the $2 \cdot t h$, Where, in the morning, they
were juined by a portion of the forees under Col. Smith wnd Tiont.-Col. Chamberlin, tho wholo number of tho Canadian foreo not exeeding seventy men, thongh at other near points here were ample reserves in wating, rendy to sulvance pon an hour's notice. The position of the Canadians was almost impreginble; mar npecial correspondent, who was on tha spot, and whose slictches appear nlsewhere, asays hat had our men heen an honr or wo hater, the Fonimhs would have oceapied

 mproving he throving up rifle pits. phey fourht ine in most under cover ame the result shewed wib perfert anf o themselves and seme loss to the enemy. Before moon the Fenians meved onwards and crossed the line. ONeil was or professed to have heen, in high spirite. The house af Alvo kiehards, nhout ten rodds south of the horder tine, on the rond rom Framklin to Cooke Corners, was chosen the the place from which to view the batto, for the Fenimas hat alresty keen What the Cumbinas wew prepared to recelve them. The Fenans, many of whom hat spent the nipht ost nhill overlooking the frontier "ame down by Lichnmes honse, amd passed along the row lading to Cook's Cornors. Sombe eight cols north of the momdary line is a gully, throwh which runs ver which the rand in hriguet, nud hovond which heights that were oceupsind loy the (hasadims. From barter of a mile. Thn Burlincton, Vt., compuny, nhout fity arn, moter command of Captam Cronan, dashed down the hill in order to form a skimish line werose'the luckik. Whes they hal crossed tha lime, the Camadians openced tire At the
 rim No ack to the shether co tiochards house and onthuihtinges. The

 many arombts apree that it was from the whellatiretad aims
mot


"Mrn of trinani: I an ashamed of you. Fon have acted whrthrery, but you will have another chance of showing
 will ke, with my whaters and die in your frobl. I follow yon




 disecoverd his puememo there, liregted his men to porer their










 mbly wril anthethimatel fatsh cases which oucurrel harine the




 Ab- Mabon, Star, and other kinian le
hands wh the lated states authoritie
The: Gamdian rommeers acted thronhtont wilh comsum mate womess and haviry They foltowad the retrating
 darkares sheltered theis wathe. They drowe the companion if freptans who bu the aftertuen of the 2 ath attempted to disiondee them gloan ont of their cover, killing one and womat ing sereral. All this they did, withont lowing a man, withone even permithing themenves to lecome unduly excited. They im to their fiert tiac. Ho wis laid under some dighteen inche or two fect of Camulian suil, dresed as he was in his Forian um form, and wilh his poctect handkerchinf spread neress his fate
 Ins that the beonane were mueh distrensed at not being able to rine way his beriy; but the fact of its lying within maneo he Candian fire was sufficient to prevent any of the Finian braves from attempting its rescace. They wonld not risk theit wan lires for ibe leody or their Inte compinion in anms, hat t auross the lines 1 On Incsday morning hat, however, b puty Marsinal Smalley crosed the lines and anked Col. Smith or pormission to remove howe's boty. Col. Smith repite that it would be given op to the rrienta of he decenser, but hat no Fenian shouk be permitted to cross ower for $i$. A with a plnin black walnut eolin, and the body boing exhumed whe placed therein and cirricel to St Albans ras place the "don

