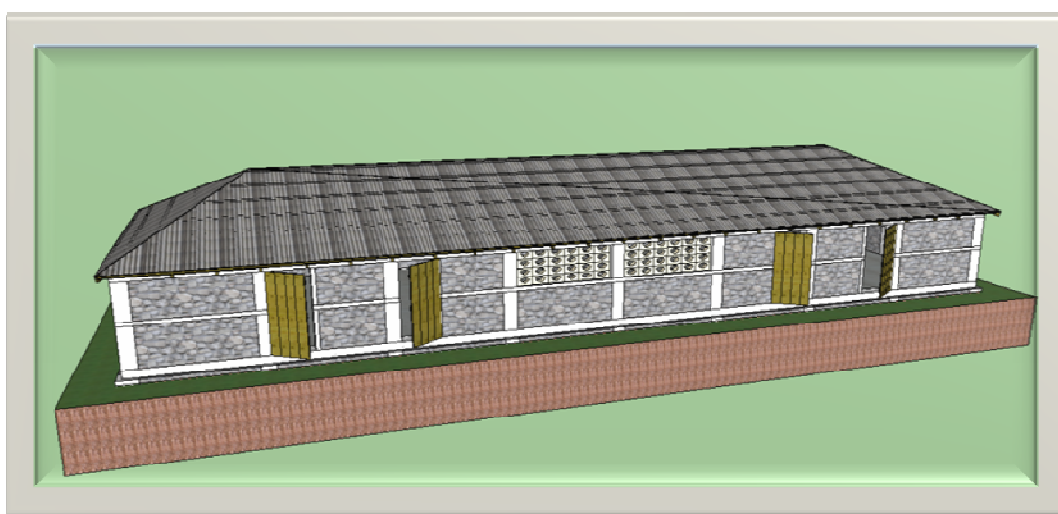


Regleman pou reyalize yon lekòl 4 sal klas



Dokiman sa a prezante 8 etap pou fè yon lekòl

----- Dimansyon konstriksyon -----
25 m * 8 m

Pwogram Entè Ed pou kore lekòl
Ayiti

Réseau Pratiques

Partages d'expériences et de méthodes pour améliorer les pratiques de développement
<http://www.interaide.org/pratiques>

Jeneralite

Atik 1 : Materyò natirèl

Se Entè Èd ki dwe chwazi ki kote popilasyon pral bote tout materyo. Li pral fè yon vizit ansanm ak komite lekòl pou di ki kote n'ap bote chak materyo. Avan ke boss komanse travay, fòk tout kantite materyo li bezwen fin bwote pa popilasyon.

Avan nou komanse chantye, fòk bos tcheke si materyo yo byen pwòp. Si yo gen twòp tè nan materyo, li gen dwa pou kanpe chantye jiske popilasyon netwaye materyo ak dlo.

Entè Èd ap bay yon patisipasyon pou òganize ti manje pou moun k'ap bote materyo. Montan patisipasyon ap diferan swivan distans materyo yo ye.

Atansyon: Dlo a se yon materyo natirèl. Fòk komite prevwa moun pou bote dlo diran chantye !

Atik 2 : Transpò materyo enpote sou wout

Entè Èd ap achte materyo enpote (siman, fè, bwa...) e l'ap dispoze materyo nan yon depo ki sékirize. Komite ap mete moun disponib pou ranje materyo nan depo lè materyo rive sou machin.

Atik 3 : Transpò materyo sou moun oubyen sou milèt

Se komite ki responsab pou òganize transpò materyo enpote jiske chantye. Entè Èd ap bay yon patisipasyon pou òganize ti manje pou moun ki pral pote.

Atik 4 : Stokaj Materyo enpòte sou chantye (siman, fè,...)

Se komite ki responsab pou chwazi yon kote ki byen sèk pou stoke tout materyo. Si gen materyo ki pèdi oubyen gate, se fòt komite lekòl. Fòk yo jwenn mwayen pou remèt materyo sa yo. Si materyèl sa yo pa ranplacse, se chantye ki pral kanpe.

Atik 5 : Respè kantite

Fòk bos respekte kantite materyo ki endike. Si li panse ke kantite ka pa sifi, fòk li di sa avan e fòk li jistifye pou ki sa devan ekip Entè Èd.

Atik 6 : Respè dimansyon

Plan ap bay detay sou tout dimansyon nou dwe respekte. Si bos gen yon dout sou yon dimansyon, li mèt mande Entè Èd pou tcheke dimansyon. Dimansyon yo an « cm » ak « m »

Atik 7 : Awozaj aprè koulaj

Depi siman fin koule, boss responsab pou jwenn yon moun ki dwe awoze konstriksyon chak jou pandan pi piti yon semèn. Si travay sa a pa fèt, li ka gen sanksyon nan remiz salè bos.

Atik 8 : Dewoulman chantye

Chantye ap divize an 8 etap. Diran chak etap, chak gwoup moun gen yon travay pou fè (Entè Èd, komite lekòl, Bòs). 8 etap sa yo li prezante nan sa nou rele yon “fèy de wout” ke nou dwe swiv.

Tout etap (sòf premyè etap) gen menm dewoulman :

- Siyati yon kontra pou etap sa a ki ka presize kòb n’ap bay pou bos ak komite ak responsablite chak gwoup moun (Entè Èd, komite lekòl, Bos).
- Kontwòl kantite materyo natirèl e remiz kòb pou bote materyo natirèl.
- Acha Materyo enpote et transpò sou wout.
- Remiz kòb pou transpò materyo enpote sou chantye.
- Kontròl tout kantite matèryo enpote
- Remiz 40 % salè bos pou li derape chantye
- Plizyè Vizit kontwol sou chantye
- Vizit jeneral ansanm avèk bos ak komite e remiz lòt 60 % salè bos.

Atansyon : chantye p’ap ka derape si pa gen yon papye tè (papye legal notarize) ki di ke teren se teren lekòl li ye !

Lis 9 etap

ETAP 1 : CHWA TEREN, “PAPYE TE” E NETWAYAJ	4
ETAP 2 : FOUY AK FONDASYON; FONDASYON; FERAYAY POTO	4
ETAP 3 : CHENAJ OUBYEN KOUWON ENFERYE	8
ETAP 4 : MI ELEVASYON, AK SENTI MITAN	13
ETAP 5 : CHENAJ OUBYEN KOUWON SIPERYE	16
ETAP 6 : CHAPANT NI KOUVETI	18
ETAP 7 : ANDWISAJ	23
ETAP 8 : SOL KLAS YO NI POT YO	24
ETAP 9 : FINISYON	27

ETAP 1 : Chwa teren, “Papyè Tè” e netwayaj

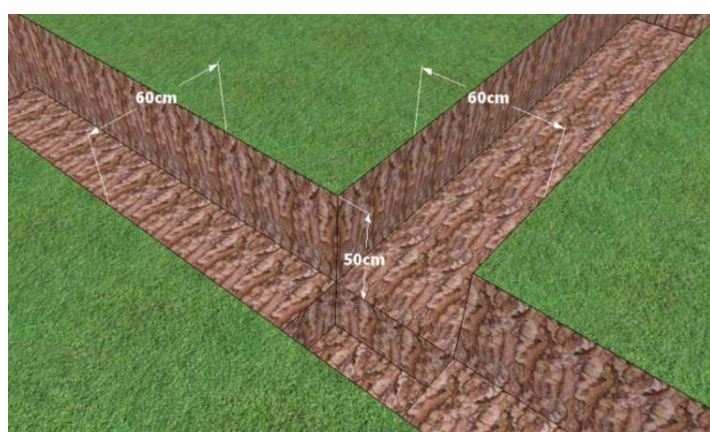
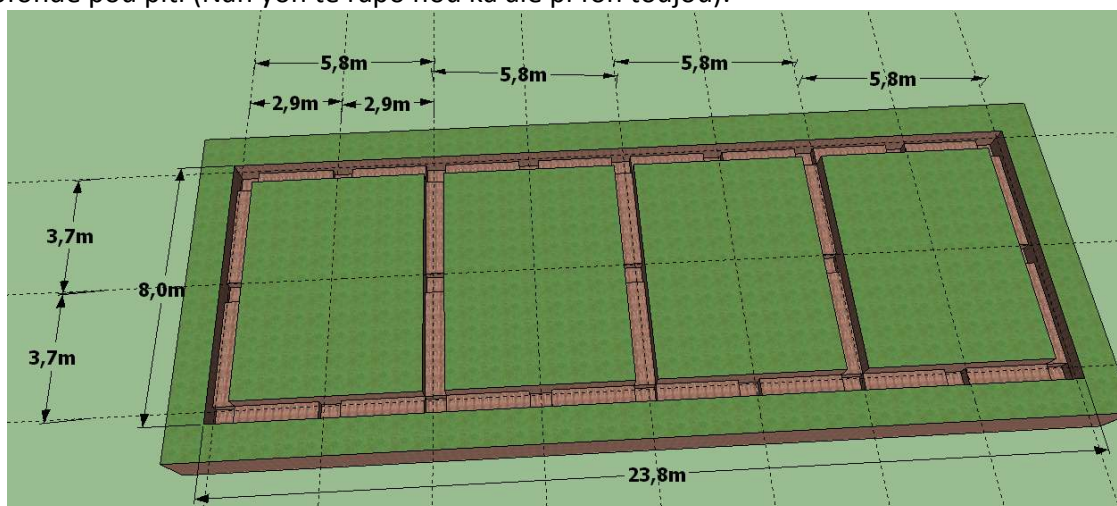
Atik 1 : Fòk teren gen yon „papyè tè” ki montre ke teren se yon teren „kominotè”.

Atik 2 : Depi komite gen paye tè, fòk li òganize konbit yo pou netwaye teren. Si teren la pa pla, fòk li òganize konbit pou fè l vin byen pla sou yon sifas pou pi piti **de 25 m longè pa 10 m lajè**.

ETAP 2 : Fouy ak fondasyon; Fondasyon; Ferayay potò

Atik 1 : Bos ansanm avèk animatè Entè Èd epi komite ap reyalize piktaj. Komite ap bay **48** pikèt e Entè Èd ap bay fisèl. Komite ap bay de moun pou ede bos fè piketaj.

Atik 2 : Bòs la plase pikèt pou prepare fouy fondasyon menm jan nou wè li fèt sou desen an. Dimansyon fouy se **23,80 m pa 8,00 m deyò**. Tranche a fè 60 cm nan lajè e li fè 50 cm nan pwofondè pou piti (Nan yon tè rapò nou ka ale pi fon toujou).



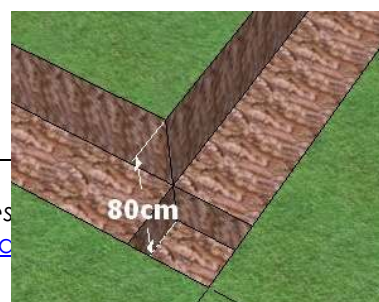
Atik 3 :

Entè Èd ap bay **3 pikwa ak 4 pèl** pou reyalize fondasyon. Se komite ki responsab pou remèt zoutil sa yo aprè fouy fin fèt.

Atik 4 :

Se komite ki fè fouy. Fouy gen 50 cm pwofondè.

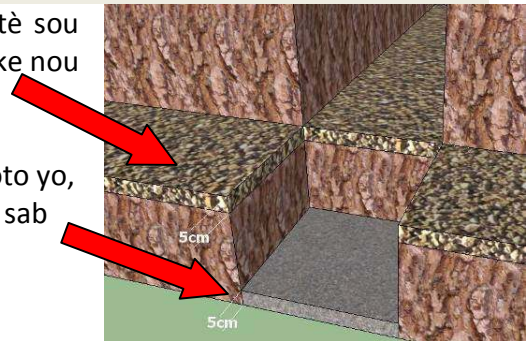
v Kote nou pral plase poto yo (23 poto), dimansyon fouy poto yo se 80 cm pou pwofondè.



Atik 5 : Fonsaj graveye ni beton pwopryete

Lè nou fini fè fouy la, nou dwe mete 5 cm graveye de otè sou tout longè fouy la. Nou kapab fè sa avèk yon gwo graveye ke nou dwe bat (konpakte) aprè lè nou fin depoze li.

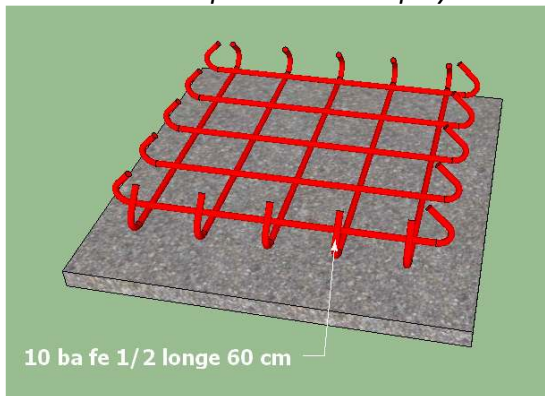
Fòk nou reyalize yon beton pwopryete de 5 cm otè pou poto yo, n'ap itilize yon beton avèk dozaj 1 bokit siman pou 4 bokit sab pou 6 bokit graveye.



Atik 6 : Ferayaj fondasyon.

Nan fon chak poto, n'ap reyalize yon ferayaj ak fè 1/2 tankou sa nou wè sou desen an nou rele semèl. Se yon fòm kare ki fè 50 cm pa 50 cm. Men se pou nou koupe fè semèl yo nan fason pou nou ka fè kwòk.

*Atansyon, nou ka pran fè sa a nan rès ba fè ke n'ap itilize pou poto san
Nou pa bezwen koupe yon lòt ba fè pou reyalize travay sa a.*



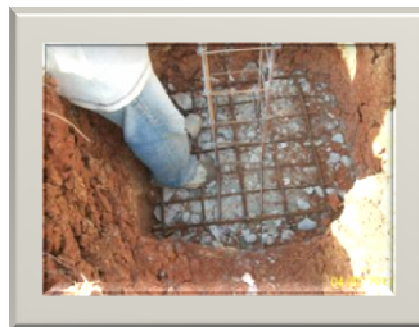
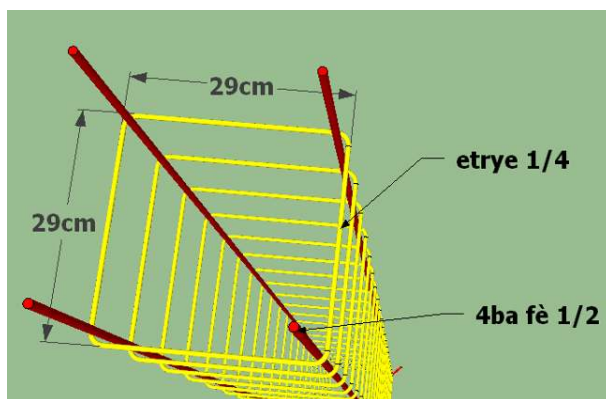
ATANSYON !!!!

Fè pa dwe depoze dirèkteman sou tè. Nou dwe toujou mete bèl wòch anba fè yo, sa vle di nou kale fè yo pou yo dòmi nan beton.

Atik 7 : Ferayaj poto

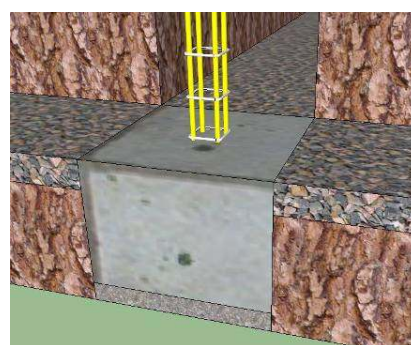
N'ap reyalize ferayaj poto tankou desen ke nou jwenn pi ba la a. Se yon fòm kare ki fè 29 cm pa 29 cm ki poze sou yon semèl.

N'ap fè etriye ak fè ¼ pou mare a ba fè 1/2. Se 29cm chak kote. Pa bliye nou gen 4 kote. Men n'ap mare fè 1/2 yo a 15 cm espas:



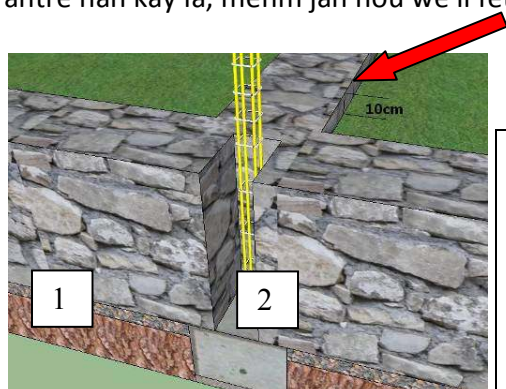
Atik 8 : koulaj fondasyon

Lè fin fè tout ferayaj, nou koule beton (1 sak siman pou 3 bokit sab mwayèn pou 5 bokit grave e nou rele sa dozaj) fondasyon an.



Atik 9 : Mi fondasyon :

Pou nou fè mi fondasyon an, n'ap itilize gwo wòch ak yon motye dapre dozaj :1 bokit siman pou 4 bokit sab mwayèn. Fòk mi fondasyon an depase nivo tè a pou gwo dlo pa ka antre nan kay la, menm jan nou wè li fèt sou desen an.



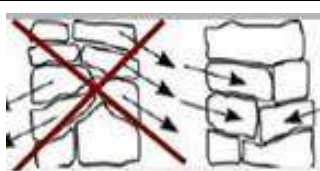
Fòk wòch yo byen poze.



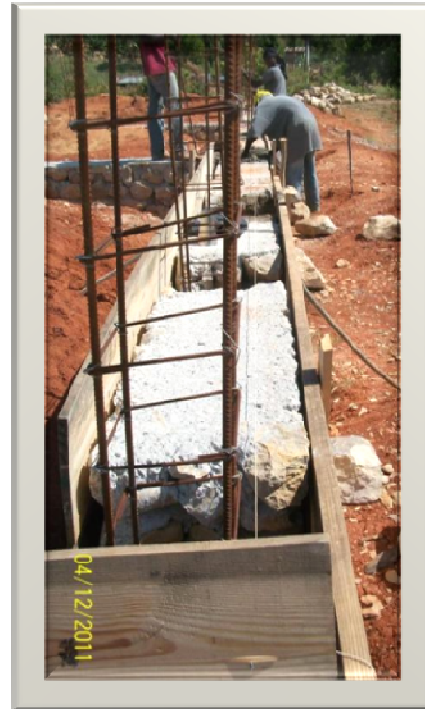
Nan 1 se pa bon.
Nan 2 wi, paske wòch yo byen Kwaze, yo mete wòch plat yo kouche, epi yo koupe jwen pou byen mare 2 bò mi yo, se sa nou rele kle.



Desen sa a montre kòman pou nou mete wòch yo an travè.

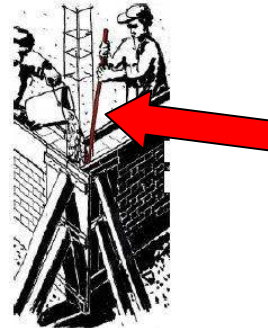


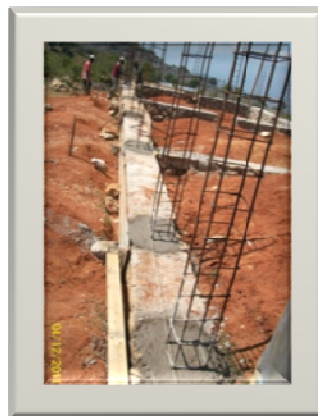
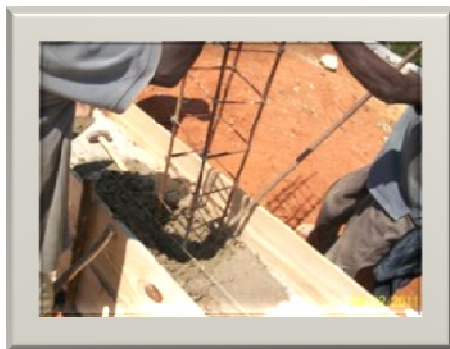
Bon fason pou nou poze wòch yo.



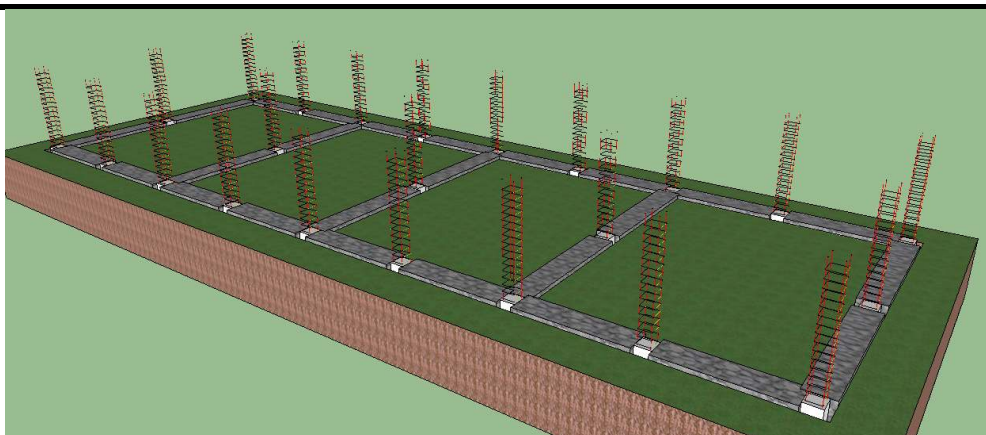
Atik 10 : koulaj poto

Aprè tout feryaj mi fondsyon yo fin fèt, nou ka koule beton (1 sak siman pou 3 bokit sab mwayèn pou 5 bokit gravye) pou poto yo nan nivo fondasyon an.



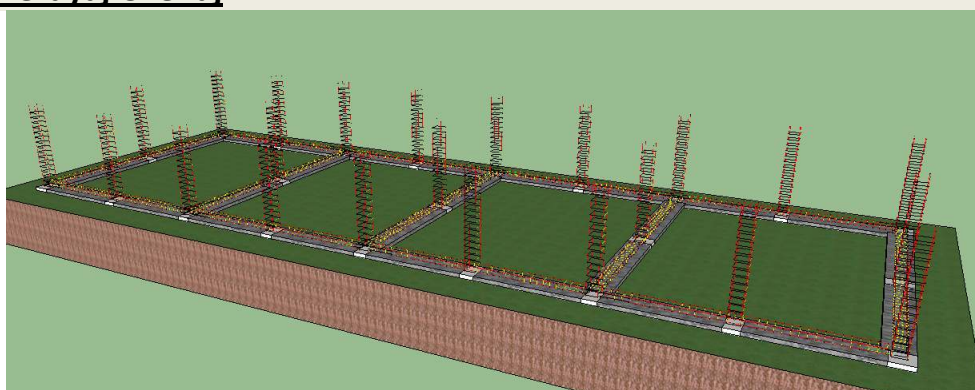


ATANSYON : *Toujou sonje byen tckake beton an pou pa gen vid nan poto yo.*

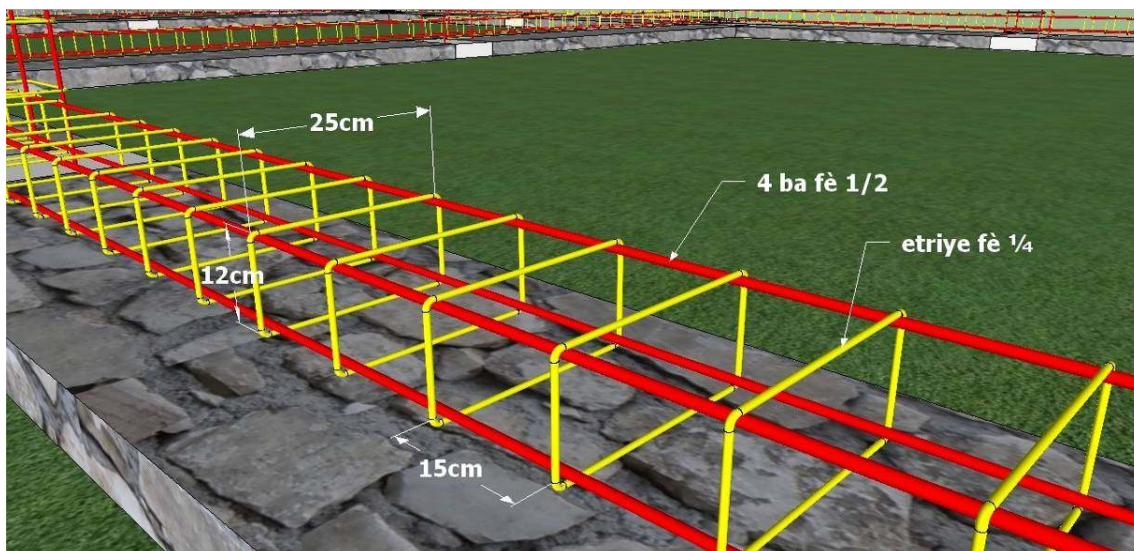


ETAP 3 : Chenaj oubyen Kouwòn enferyè

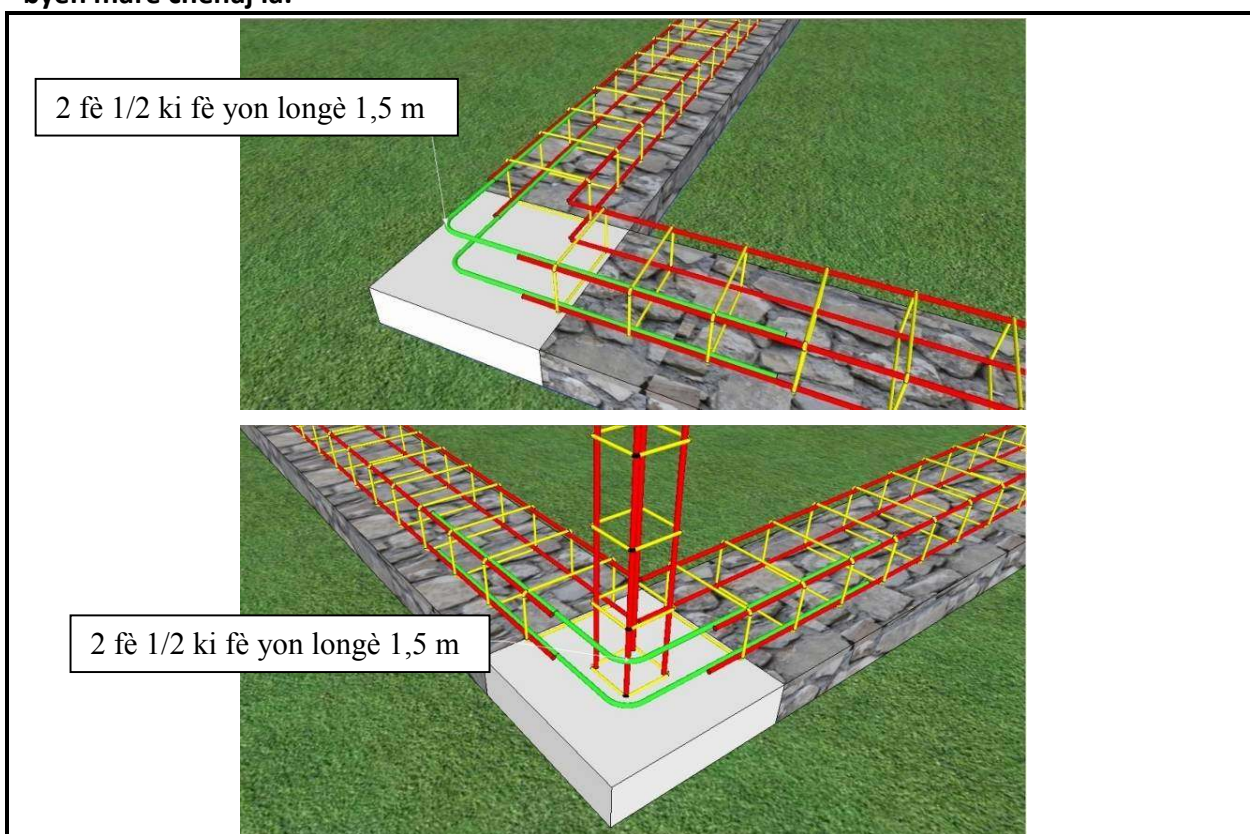
Atik 1 : Ferayaj Chenaj

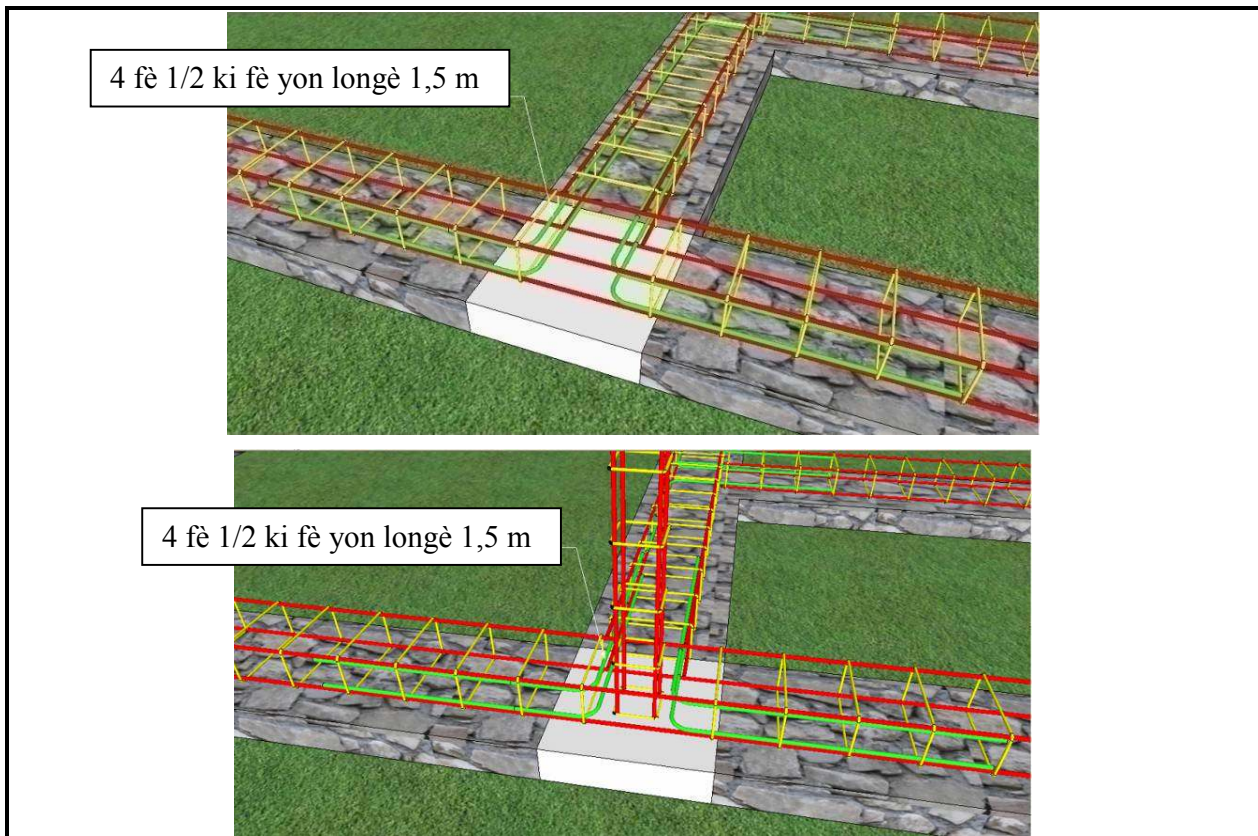


N'ap reyalize ferayaj kouròn nan jan nou wè li sou desen an. Se yon fòm rektang 25 cm pa 12 cm ki poze sou mi fondasyon an. N'ap mare ak fè 1/2 ansanm ak etriye ki realize ak fè ¼ ke nap mete chak 15 cm.

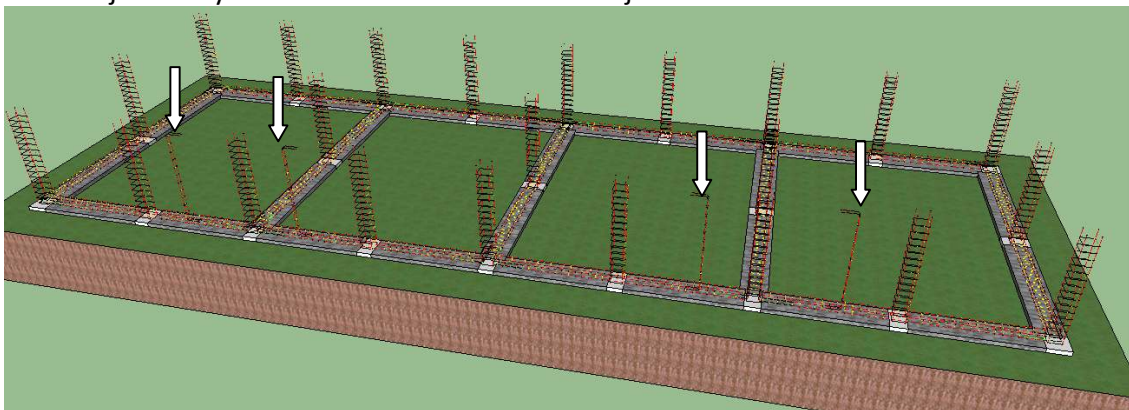


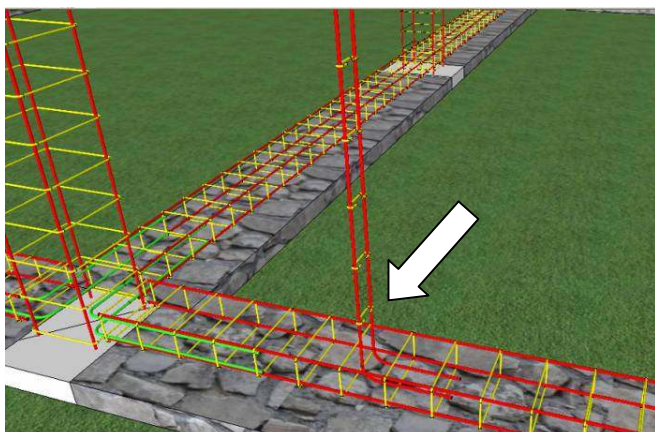
Nou ka mete 2 fè 1/2 ki fè yon longè 1,50 m nan kwen yo, se sa nou rele kout ekè yo, pou byen mare chenaj la.



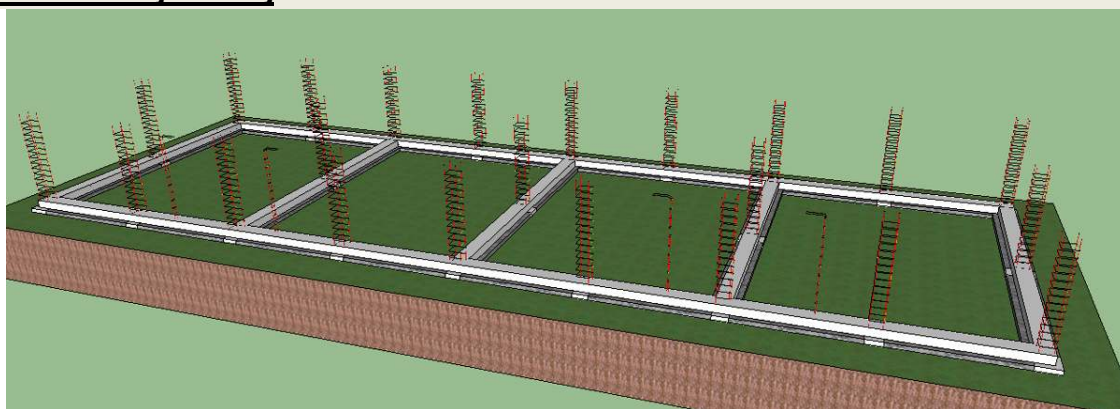


Senti vètikal nan devan pòt dwe gen 2 ba fè 1/2 mare ak zepeng ki fèt ak fè ¼ ckak 20 cm de distans. Sonje mete yo anvan nou koule beton chenaj ba.





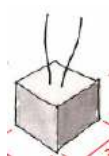
Atik 2 : Koulaj chenaj



Aprè tout ferayaj fin fèt, nou ka koule beton chenaj selon dozaj: 1 sak siman pou 3 bokit sab pou 5 bokit gravye.

Fòk nou mete ti blòk beton.

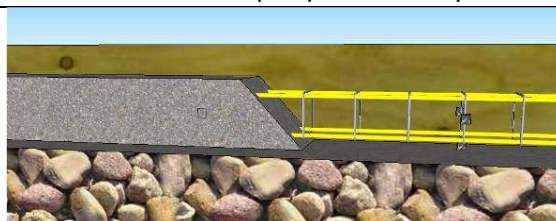
Byen kale senti yo pou yo pa souke, chak 5 etriye





ATANSYON !!!!

Nou dwe toujou kaanpe betonaj la yon jan encline jan nou wè li sou desen an, pou ka marye beton an lè n'ap reprann travay la.

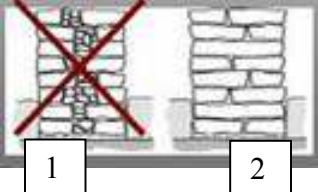
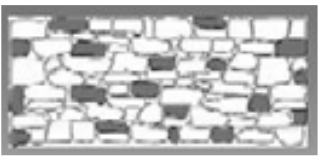
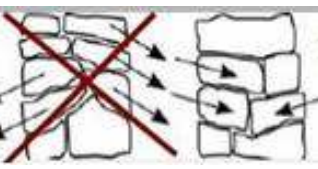


ETAP 4 : Mi elevasyon, ak senti mitan

Atik 1 : preparasyon materyo

Pou monte mi, n'ap itilize yon motye avek dozaj (1 baukit siman pou 3 bokit sab).

Atik 2 : Teknik montaj

	<p>Nan 1 se pa bon. Nan 2 wi, paske wòch yo byen Kwaze, yo mete wòch plat yo kouche, epi yo koupe jwen pou byen mare 2 bò mi yo, se sa nou rele kle.</p>
	<p>Desen sa a montre kòman pou nou mete wòch yo an travè.</p>
	<p>Bon fason pou nou poze wòch yo.</p>

1 -Premye pati avèk wòch otè 1m

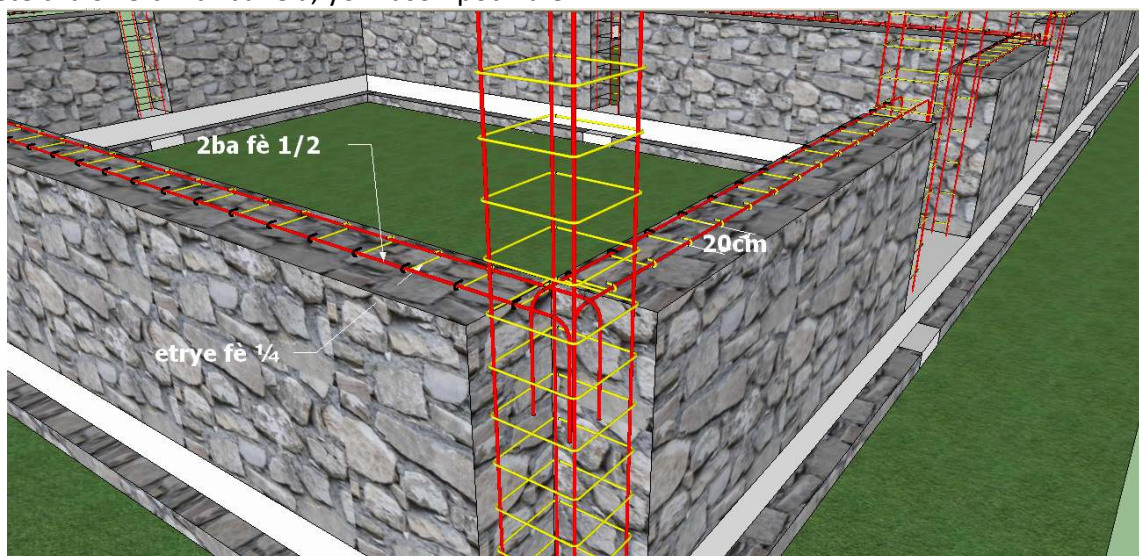


Atansyon, kite pou pi piti distans 3 cm ant fè poto avèk premye grenn wòch ki pwal kole sou poto a, yon fason pou poto a ka byen koule.



2 -Senti mitan

N'ap mete 2 ba fè 1/2 ak etrye fè ¼ e ki mare sou chak 20 cm de distans. Nou dwe toujou sonje mete ti blòk 3 cm anba fè a, yon fason pou kale li.

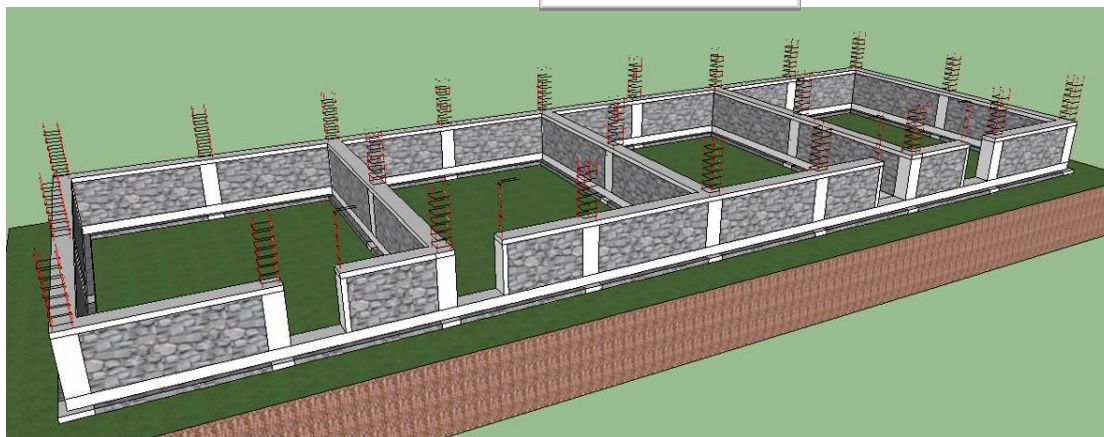
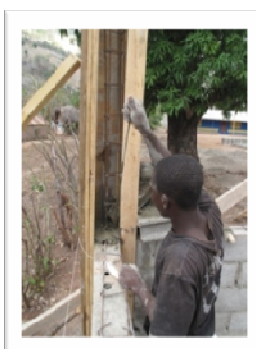


Byen kale senti yo pou yo pa souke, chak 4 etriye Kofraj, koulaj beton pou senti ak poto. Men dozaj n'ap itilize: 1 sak siman pou 3 bokit sab mwayèn pou 5 bokit gravye.

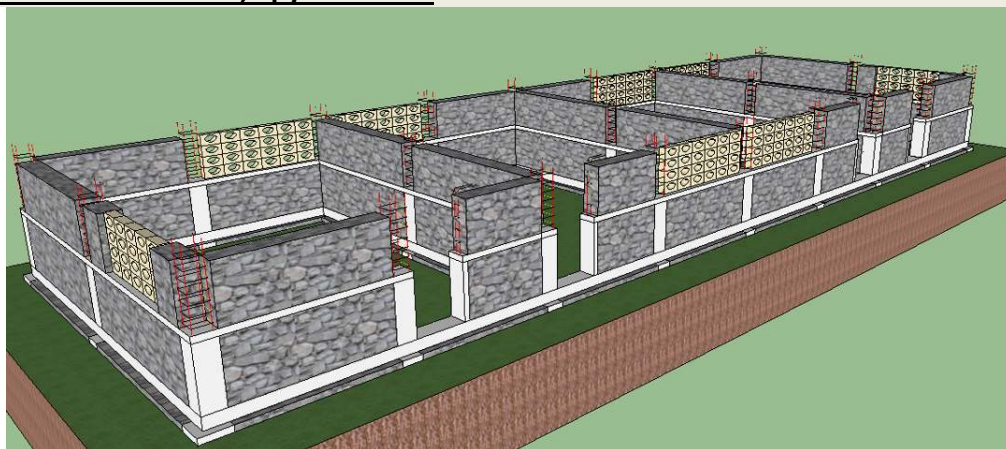
Mete yon ti blòk sou kote poto yo pou yo pa souke sou chak 5 etriye.



ATANSYON : Nou dwe sonje tchake beton an ak yon bout fè. Nou kabap frape tou sou kofraj la

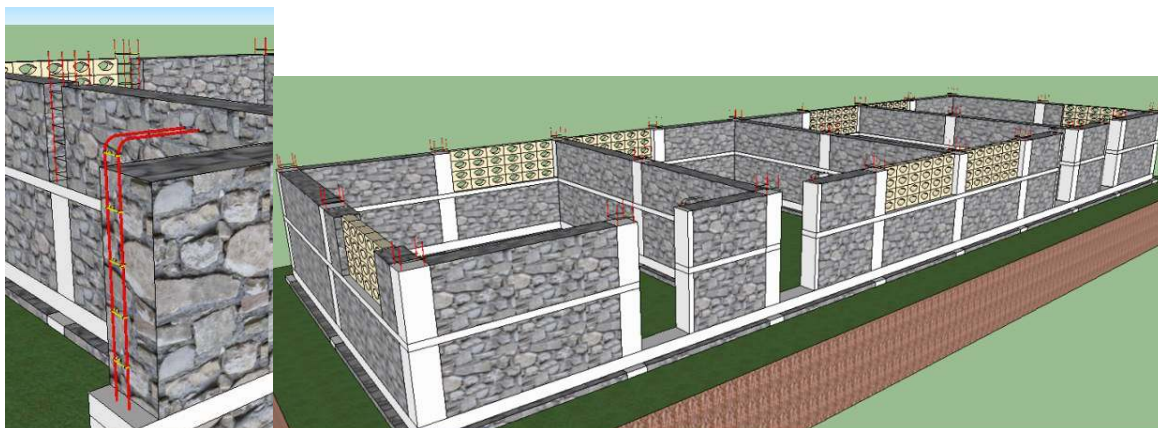


3 - fini mi avèk wòch otè 3,5 pye ni klosta



Kofraj, koulaj beton pou fini poto.

Nou dwe verifye si senti kont pòt nan mitan klas pose tankou sou desen.



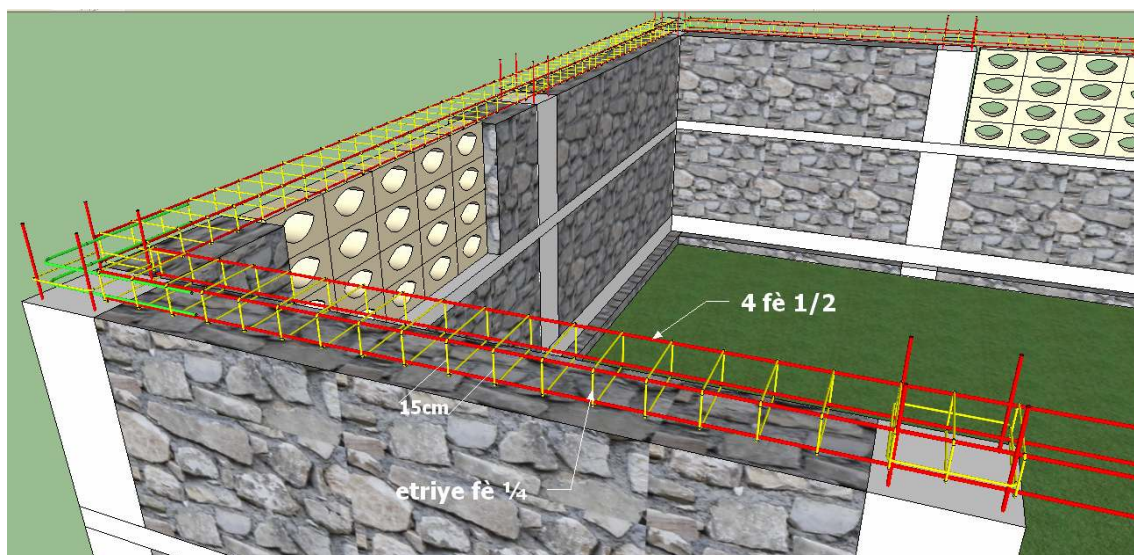
N'ap itilize beton (1sak siman pou 3 bokit sab mwayèn pou 5 bokit grave)

ETAP 5 : Chenaj oubyen Kouwòn siperyè



Atik 1 : Ferayay Chenaj

N'ap reyalize ferayaj chenaj siperyè a tankou nou wè li sou desen an. Se yon fòm rektang ki depoze sou mi an nan yon otè de 3 cm (Avèk ti blòk a chak 5 etriye). N'ap mare 4 fè 1/2 ansanm avèk etriye fè ¼ a chak 15 cm.



Atik 2 : Fòk nou respekte menm modòd etap III pou ferayay

Atik 3 : Fòk nou respekte menm modòd etap III pou koulaj

ATANSYON : Toujou sonje souke beton an pou anpeche gen vid.

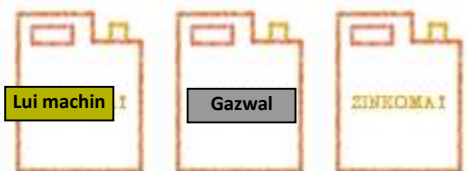
ETAP 6 : Chapant ni kouvèti



Atik 1 : Trètman bwa

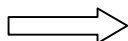
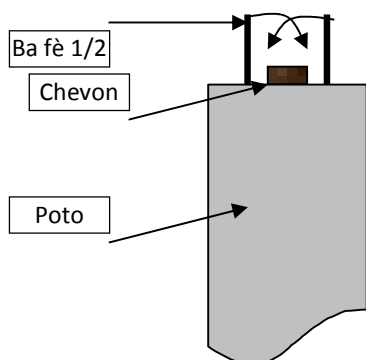
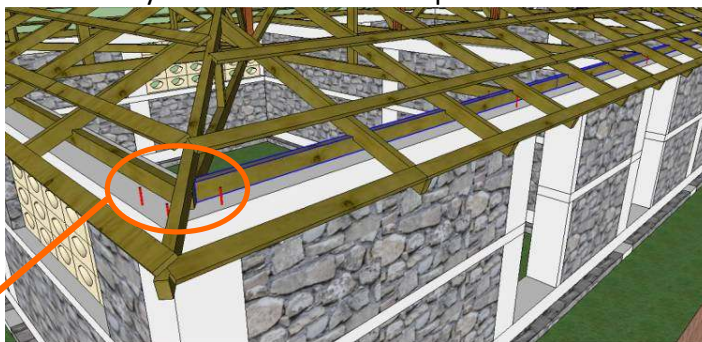
Fòk trète tout bwa avèk yon melanj « Zinkomat – Luil Vidanj – Gazwal ». L'ap gen yon galon nan chak kalite ke nou pral mètè ansanm nan yon baukit.

Mete yon kouch Zinlomat sou tout bwa....avèk penso ki l apou sa

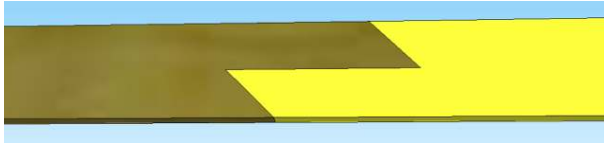


Atik 2 : Atach chevon

N'ap byen atache chevon nou depoze sou mi elevasyon an avèk rès fè nan poto a.

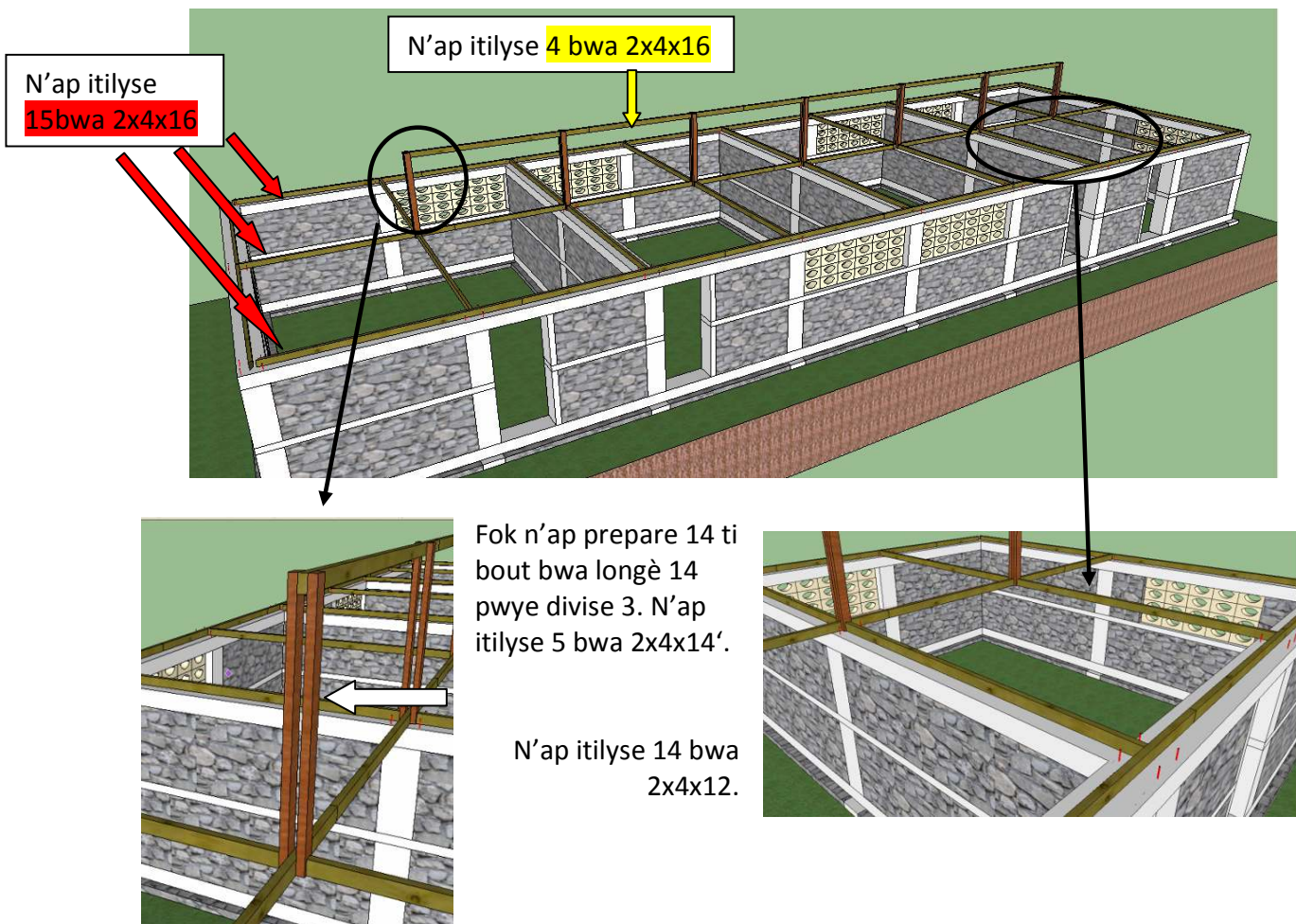


Atik 3 : Teknik pou lonje bwa

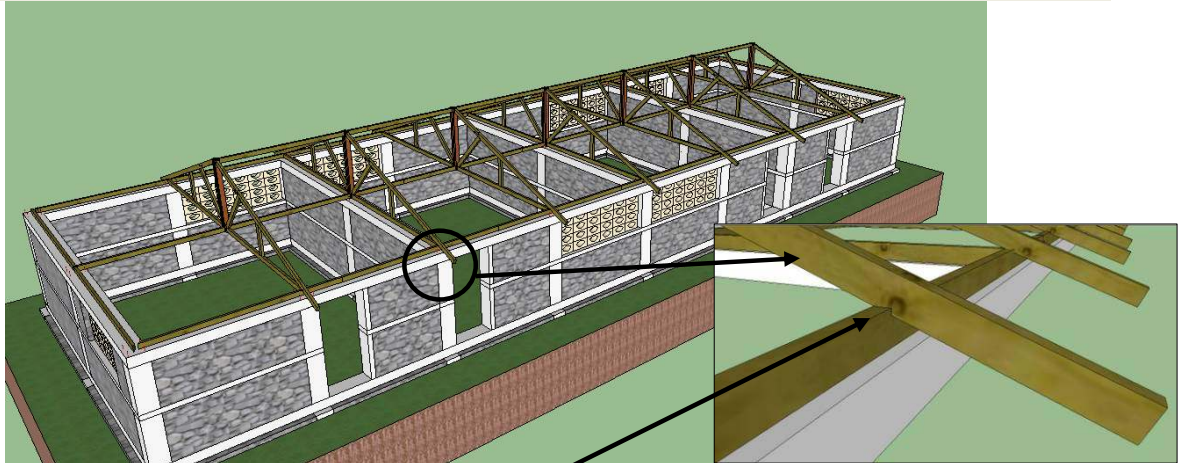


Atik 4 : Teknik montaj chapant

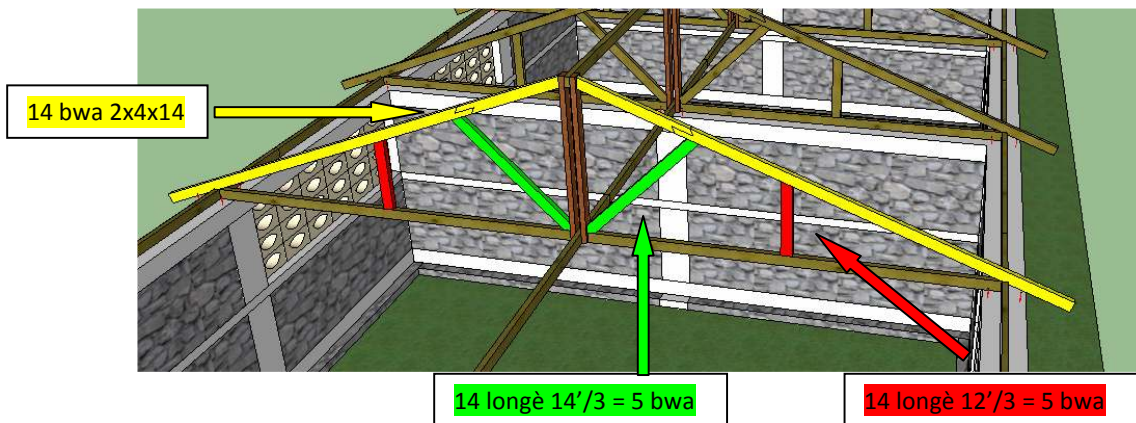
1 -Premye pati



2 -Dezyèm pati



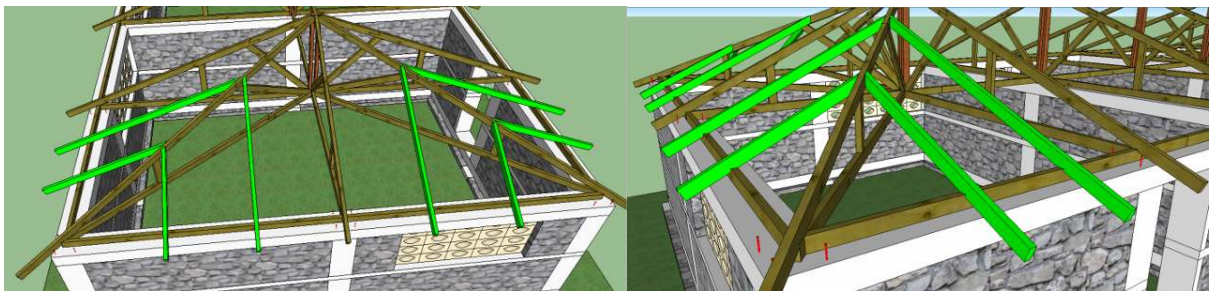
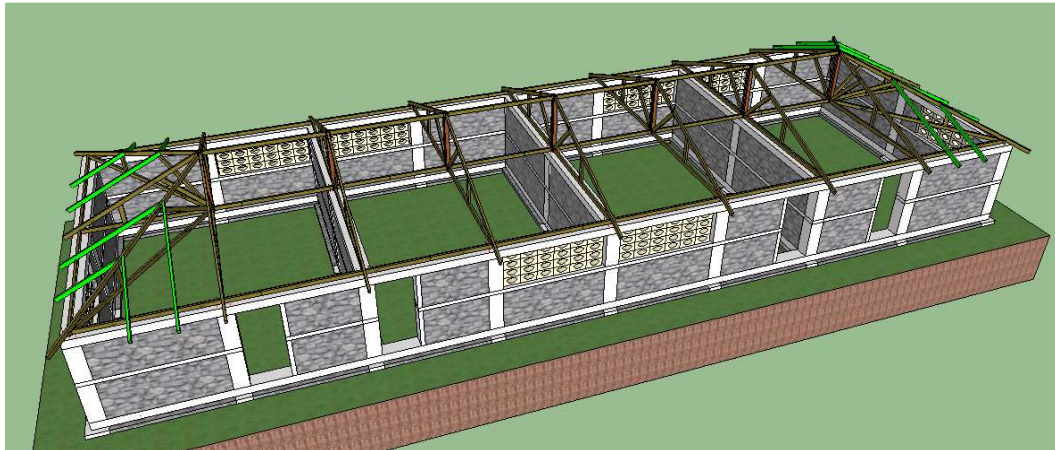
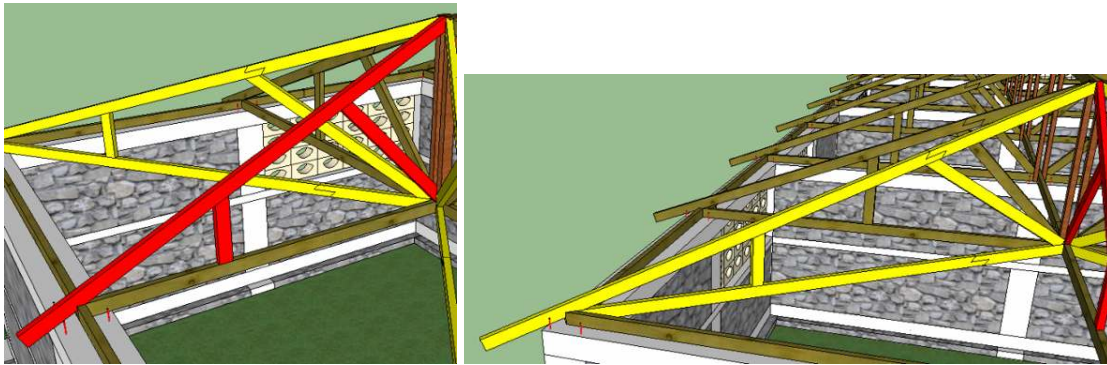
Sou chak chevron n'ap fé yon dekoupe tankou desen pou nou kapab byen fikse yo.



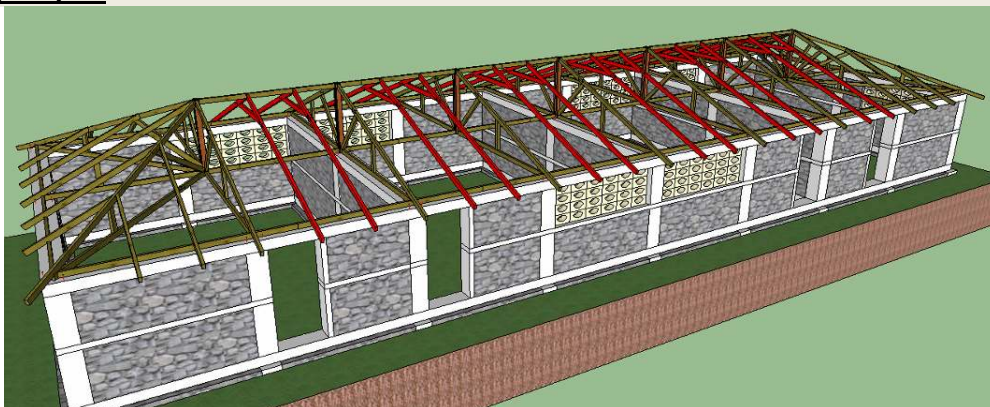
3 -Twazyèm pati

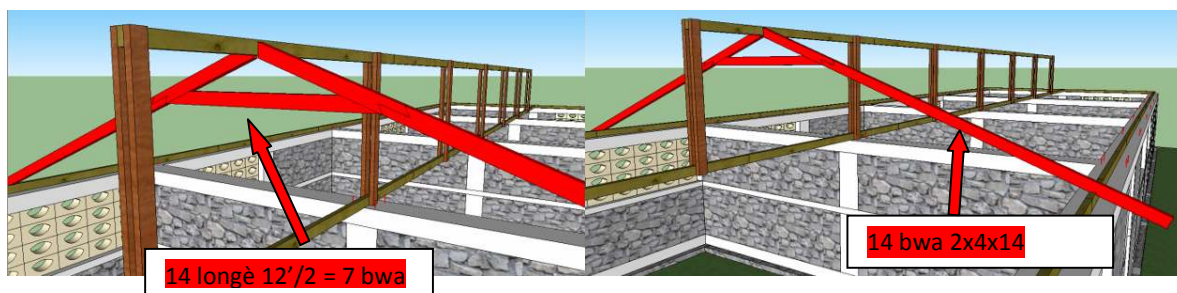


N'ap itilize 4 bwa 2x4x16 ni 30 bwa 2x4x12

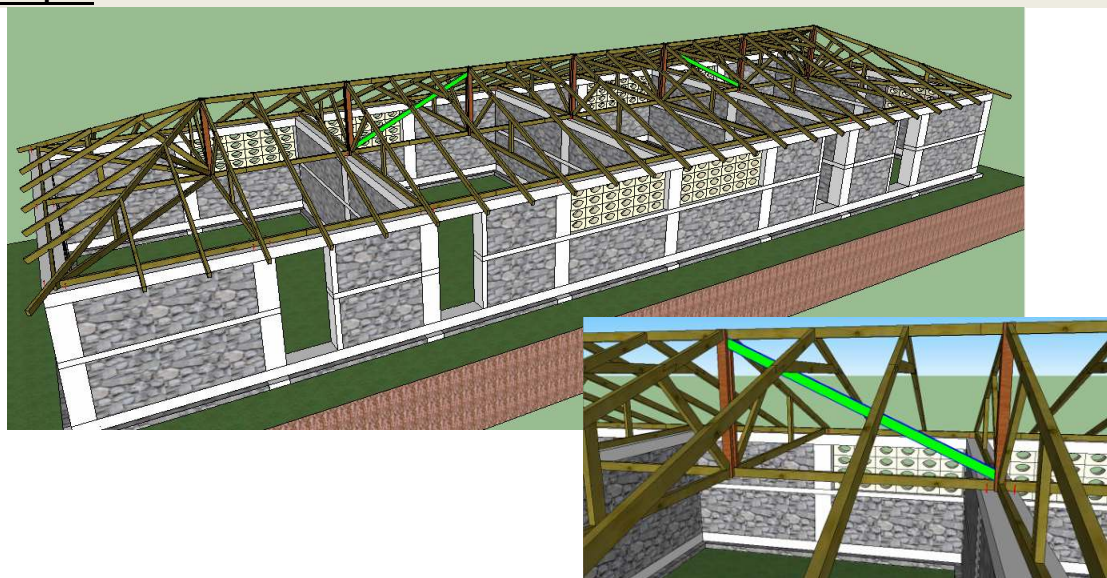


5 - Senkyèm pati

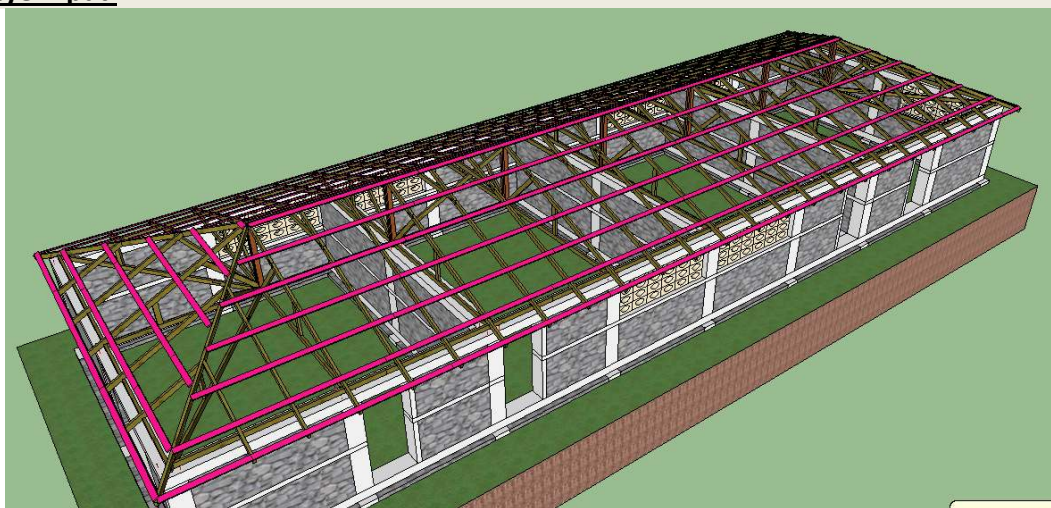




6 - Sizyèm pati



7 - Setyèm pati

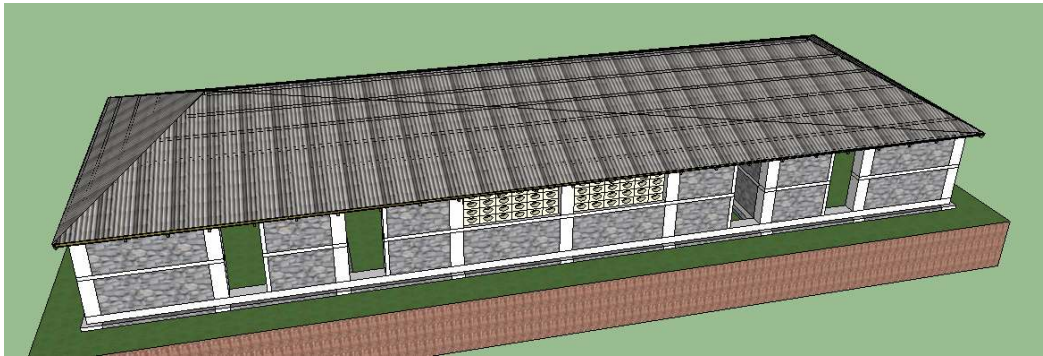


N'ap itilize 50 lat 1x4.

Espasman lat : Fok n'ap mete 1 lat chak 2,5 pye



Atik 5 : Kouvèti



ETAP 7 : Andwisaj

Atik 1 : Andwisaj

- **Dozaj motye andwisaj**

N'ap itilize yon motye de 600 kg/m³ (2 bokit sab piti pou 1 bokit siman)

- **N'ap prepare yon sab byen fen sang wo grenn**

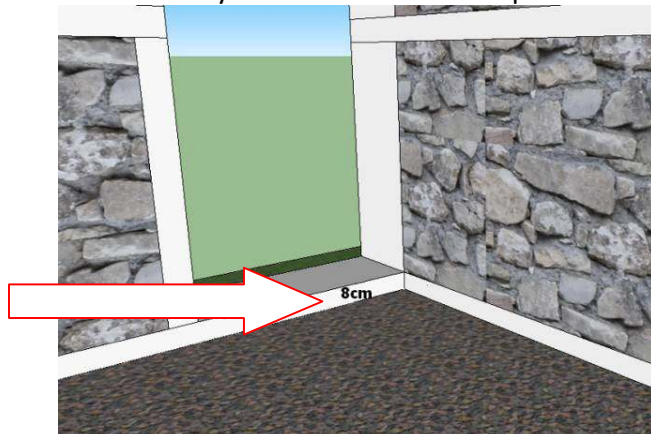
- **Teknik andwisaj**

N'ap jete motye sou mi epi apre n'ap pase eponj oubyen tisu sou li pou li kapab byen lis

ETAP 8 : Sol klas yo ni Pòt yo

Atik 1 : Preparasyon teren

N'ap fè teren byen pla an dedan klas yo. Fok teren rive 8 cm pi ba chenaj.



Mete gravye



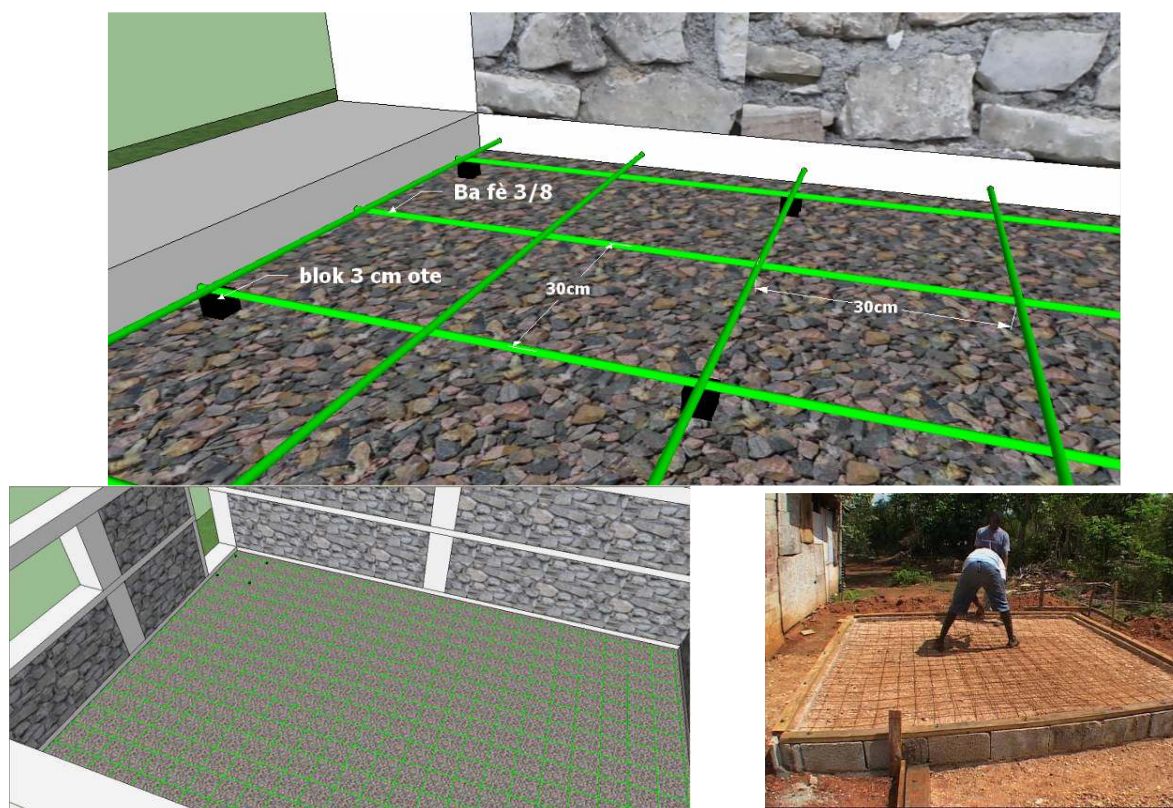
Arozaj



Peze gravye

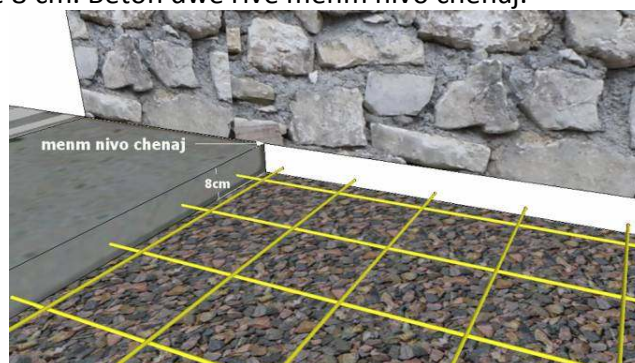
Atik 2 : Ferayaj

N'ap reyalize ferayaj avèk yon fè 3/8 sou tout sifas klas yo. N'ap mete yon ba chak 30 cm nan sans lajè ak longè. N'ap poze ferayaj sou ti wòch pou li vin a yon otè de 3 cm.



Atik 3 : Koulaj dal ni glasi

Aprè tout ferayaj fin fèt, nou ka koule beton (1 sak siman pou 4 baukit sab gwo pou 6 baukit gravye) sou yon otè de 8 cm. Beton dwe rive menm nivo chenaj.



Koulaj beton



Ajistab beton

Pandan n'ap koule beton a nou kapab (nan fen) jété yon ti poud siman selman ak dlo pou reyalize glasi dirèkteman

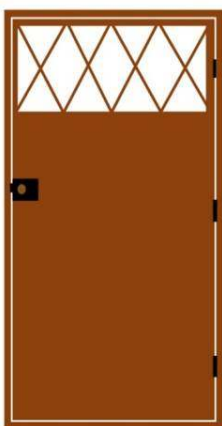


jété yon ti poud siman



lize glasi avek tivel

Atansyon : N'ap byen aroze dal pandan 7 jou



Atik 4 : Pòt yo

1 - Dimansyon pòt se 7 pye otè e 3 pye lajè

2 - Preparasyon ankadman

Lè pòt yo rive sou chantye nou ta dwe retire soudi yo ki kenbe yo.

3 - Dozaj motye pou mete pòt yo

N'ap itilize yon beton mwayen (1 baukit siman pou 2 baukit sab moyen).

4 - Teknik fixasyon

Pòt yo touou fixe sou poto. N'ap pwepare poto pou pemèt mète yo andan.

ETAP 9 : Finisyon