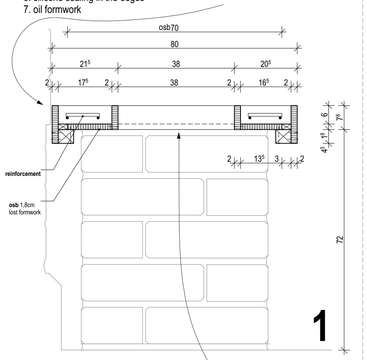
KITCHEN **COUNTER SINK I FORMWORK**

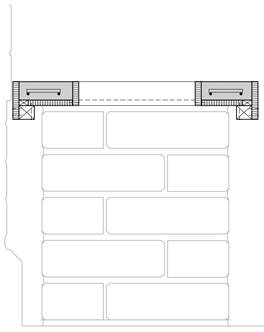
1. cut formwork out of old formwork-pieces of base aula/kitchen
2. support with frames from underneath
3. fix formwork on concrete bricks
   -> osb ontop of the bricks = lost formwork!!!
4. add frame around
5. cut and add steel reinforcements
6. silicone sealing in the edges
7. oil formwork

ATTENTION:
you have to do add a wooden piece into the formwork for the watertube in the back



1

8. concrete (height = 6cm)
9. shake the sides of the form so that the air bubbles come out.
   Option: hammer from underneath against the form.
10. smooth the surface with a ladle and break the edges with a ladle

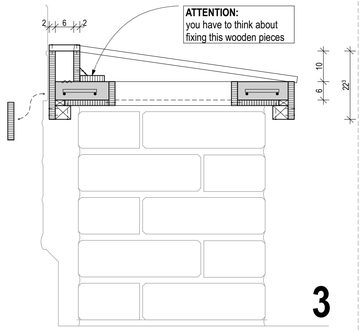


2

11. harden concrete

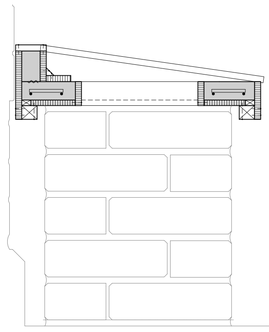
Attention !! 2nd formwork can be added if concrete is almost hard.
A fingerprint has to leave a small mark.
ONE PERSON NEEDS TO BE IN CHARGE OF CHECKING.

12. roughen the surface in the backpart for adding next concrete layer
13. add 2nd formwork with supports for the concrete in the back



3

14. concrete (height = 10cm)
15. shake the sides of the form so that the air bubbles come out.
    Option: hammer from underneath against the form.
16. smooth the surface and break the edges with a ladle
17. harden concrete

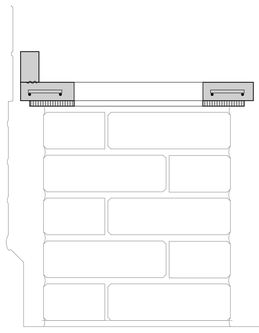


4

SECTIONS BUILDING STEPS I M 1:10

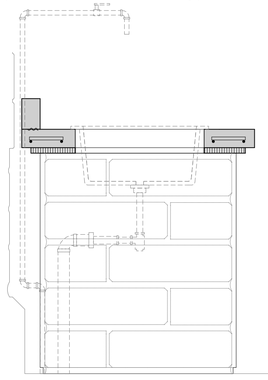
ATTENTION:
the size of the cutout
has to be changed to the
size of the sink we get

18. remove the formwork and brush the concrete with a wet concrete brush
    to smoothen the surface
19. clean dry concrete with water
20. sand down until the top is smooth and remove the dust
21. wax and polish the top with a natural wax or oil



5

22. add water installations afterwards
23. place the sink, fix it
24. silicone sealing around sink
25. plaster bricks 1,5cm! ATTENTION: the visible gap at the bottom



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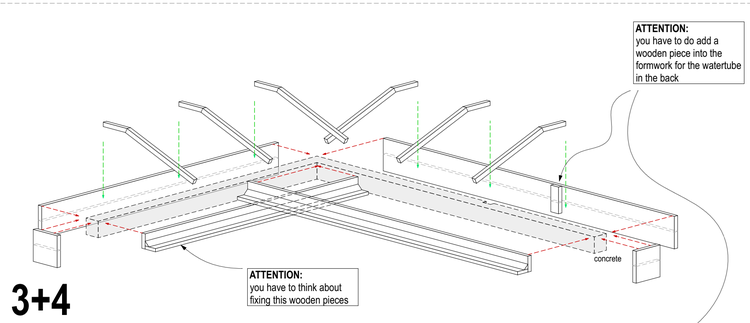
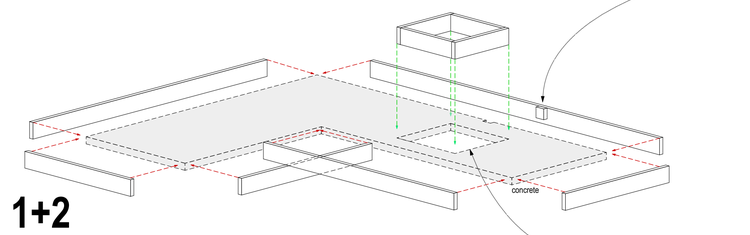
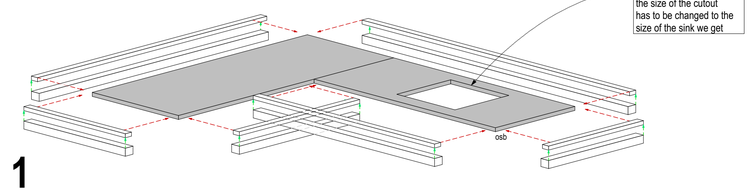


3+4

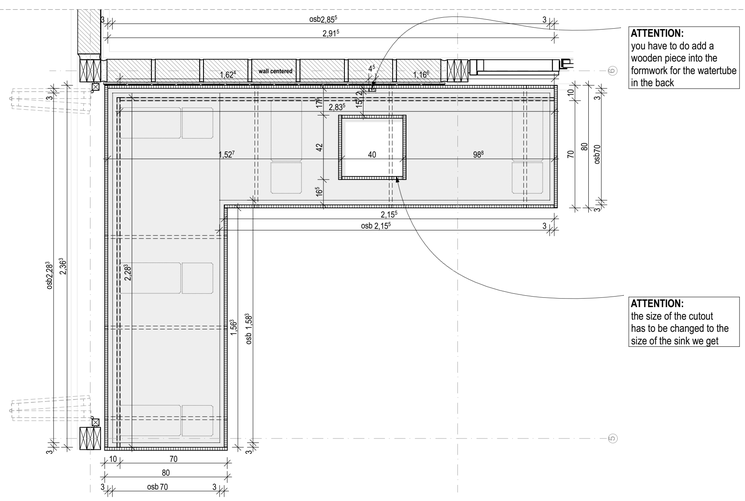


1+2



1

ISO FORMWORK CONSTRUCTION I M 1:20



GROUNDPLAN I M 1:20

legend:

Material
material

- Stahlbeton — reinforced concrete
- Ziegel — brick
- Lehmstein — adobe
- Bahareque — bahareque
- Stahl — steel
- Holz — wood
- Estrich — screed
- Kies — gravel
- Erdreich — mature soil

Beschriftung
inscription

- ±0,00 Höhenlage — altitude
- OKR OK Rohkonstruktion — top edge building frame
- UKR UK Rohkonstruktion — lower edge building frame
- OKF OK Fertigkonstruktion — top edge finished
- UKF UK Fertigkonstruktion — lower edge finished
- Grundstücksgrenze — site boundary
- Achsen — axis
- Schnittlinie — section line
- 000_X_xx-X Planverweis — plan reference

shortcuts:

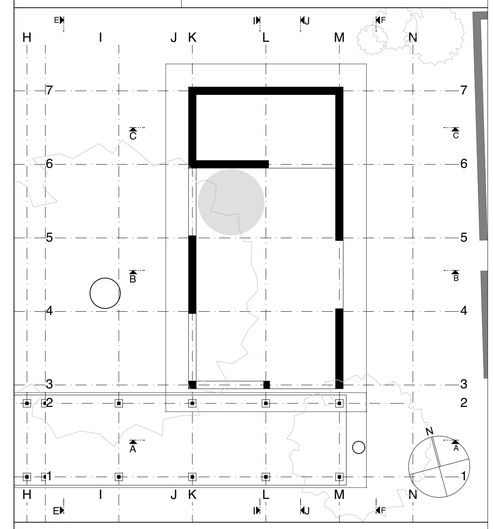
OKG	Geländeoberkante — ground surface (height)
FU	Fundament — foundation
SO	Sockel — plinth
RB	Ringbalken — ring beam
RD	Rohdecke — raw ceiling
RB	Rohboden — unfinished floor
UZ	Unterzug — beaner/joist/girder
ÜZ	Überzug — suspender beam
OK	Oberkante — top edge
UK	Unterkante — lower edge
VK	Vorderkante — leading edge
RH	Raumhöhe (brutto) — room height (gross height)
LH	lichte Höhe (netto) — clear height (net height)
LB	lichte Breite (netto) — clear width (net width)
FFB	Fertigfußboden — finished floor
BRH	Brüstungshöhe ab OKFFB — parapet height off OKFFB
STUK	Sturz-UK ab OKFFB — lintel height off OKFFB
DF	Dehnungsfuge — expansion joint
RR	Regenrohr/Fallrohr — rain pipe
DN	Durchmesser (in mm) — diameter (in mm)

All measurements/dimensions to check on site!

notes:

reference plans:

610_K_dt-I	counter sink
411_K_gr	kitchen lower ground floor



content: Kitchen _ Formwork Counter Sink

plan nr.: 611_K_dt_I

drawn by: JS

date: 24.01.20

scale: 1:20, 1:10

sheet size: A1

project:

Centro de Cultura y Ecologia

Santa Catarina, Quiané, México

new construction of a cultural centre
second building phase

client:

Santa Catarina

Quiané, México

author:

Hochschule München
Master Studio
DesignBuild Quiané II

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