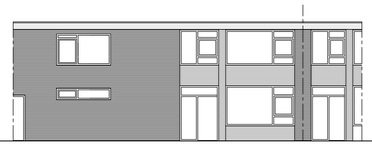
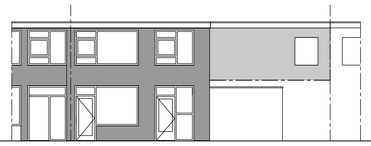
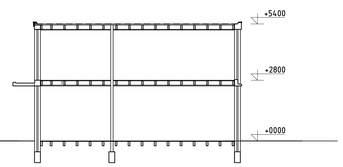


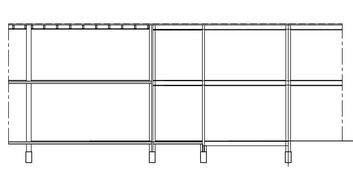
voorgevel bestaand



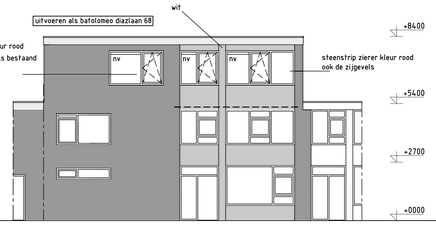
doorsnede bestaand



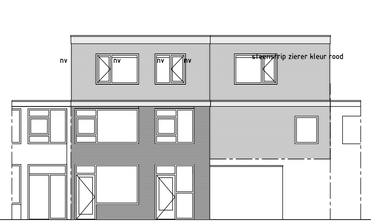
langsdoorsnede bestaand



dwarsdoorsnede bestaand

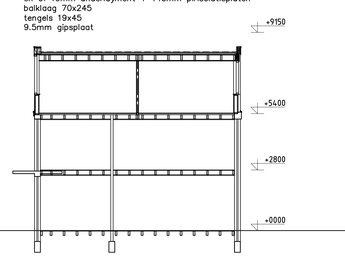


voorgevel nieuw

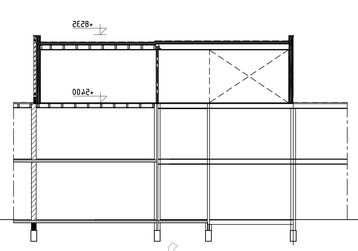


achtergevel nieuw

2 laagse dakbedekking (APP)
geisoleerd dakpaneel met Rc min 6.3m2 K/W
en of 19mm underlayment + 140mm pirisolatieplaten
balklaag 70x245
tengels 19x45
9.5mm gipsplaat



langsdoorsnede nieuw



dwarsdoorsnede nieuw

in de verkeersruimten rookmelders
aanbrengen conform de NEN 2555

daglichttoetreding
10% van 16.3m2=1.63m2 nodig
aanwezig 4.67m2x0.86x1=4.0m2

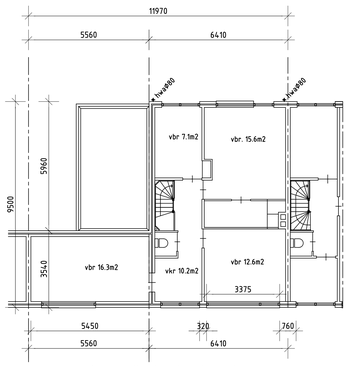
daglichttoetreding
10% van 24.0m2=2.4m2 nodig
aanwezig 3.08m2x0.86x1=2.64m2

daglichttoetreding
10% van 16.0m2=1.60m2 nodig
aanwezig 4.09m2x0.86x1=3.51m2

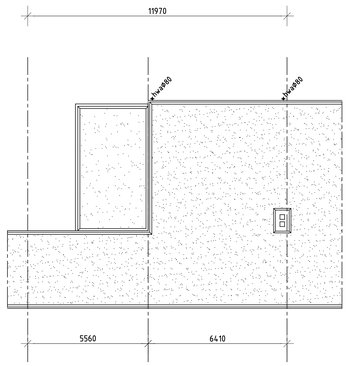
ventilatieberekening
opp uitbreiding16.3m2 netto
nodig 16.3x.09=14.67 dm3/s
aanwezig 1.99m1 =aralco junior 150 classic (14)
met doorlaat van 27.86dm3/s

ventilatieberekening
opp uitbreiding24.0m2 netto
nodig 24.0x.09=21.60 dm3/s
aanwezig 2.08m1 =aralco junior 150 classic (14)
met doorlaat van 29.12dm3/s

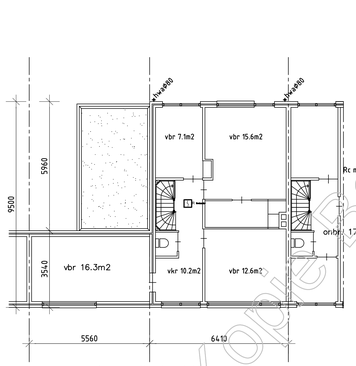
ventilatieberekening
opp uitbreiding16.0m2 netto
nodig 16.0x.09=14.4dm3/s
aanwezig 1.10m1 =aralco junior 150 classic (14)
met doorlaat van 15.40dm3/s



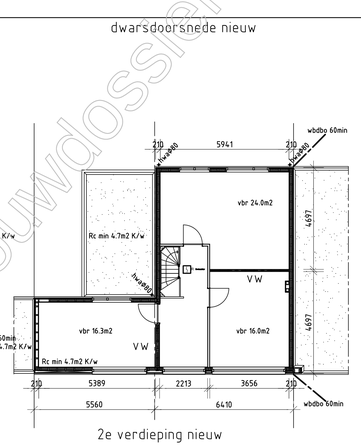
1e verdieping bestaand



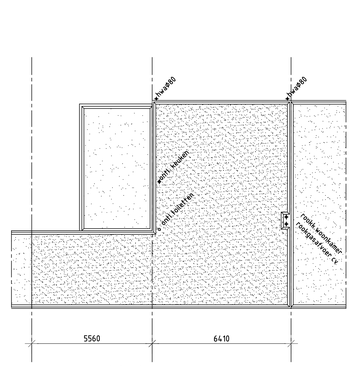
dak bestaand



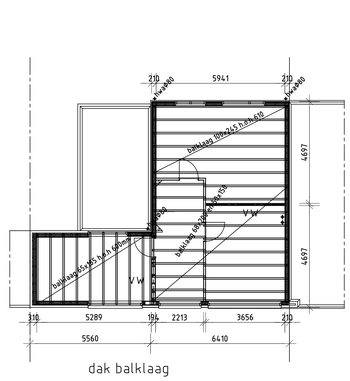
1e verdieping nieuw



2e verdieping nieuw

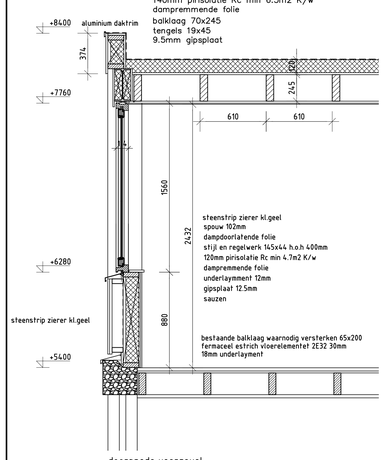


dak nieuw



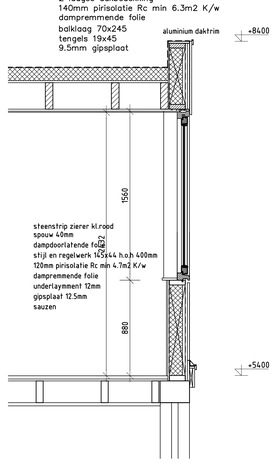
dak balklaag

2 laagse dakbedekking
140mm pirisolatie Rc min 6.3m2 K/w
dampremmende folie
balklaag 70x245
tengels 19x45
9.5mm gipsplaat



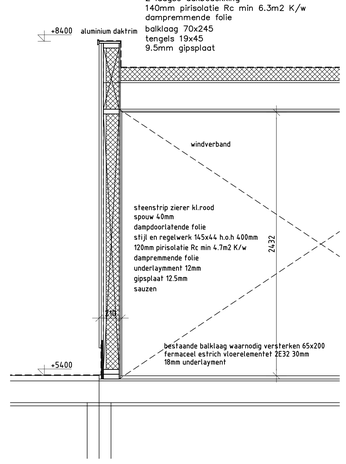
doorsnede voorgevel
1:20

2 laagse dakbedekking
140mm pirisolatie Rc min 6.3m2 K/w
dampremmende folie
balklaag 70x245
tengels 19x45
9.5mm gipsplaat



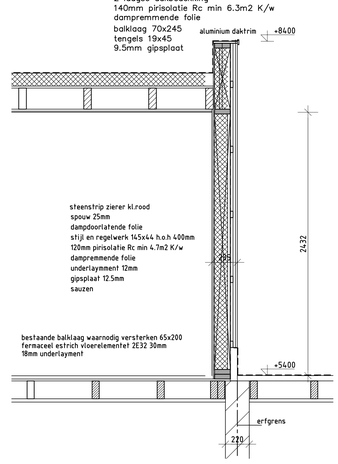
doorsnede voorgevel
1:20

2 laagse dakbedekking
140mm pirisolatie Rc min 6.3m2 K/w
dampremmende folie
balklaag 70x245
tengels 19x45
9.5mm gipsplaat



doorsnede zijgevel links
1:20

2 laagse dakbedekking
140mm pirisolatie Rc min 6.3m2 K/w
dampremmende folie
balklaag 70x245
tengels 19x45
9.5mm gipsplaat



doorsnede zijgevel rechts
1:20

stadium
opdr.gever [redacted]
werk : Livingstonelaan 231 3526HE Utrecht

onderwerp : dakopbouw op woning
bestaande en nieuwe toestand

schaal : 1:100
formaat :

datum
getekend : onl 27-08-2024
gecontroleerd [redacted]

G				
F				
E				
D				
C				
B				
A	onl	07-10-2024		
wijz.	get.	datum	omschrijving	status

Ordernr: Bladnr: 8-1 A

Kopie bouwdossier