
TECHNISCH DOCUMENT

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Auteur: Dieter Vermeulen

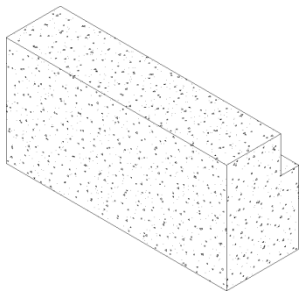
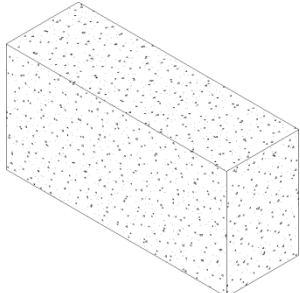
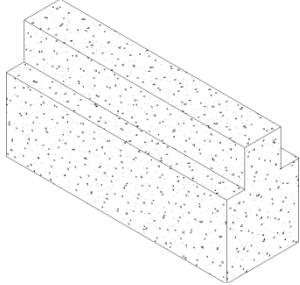
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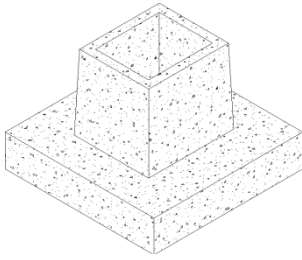
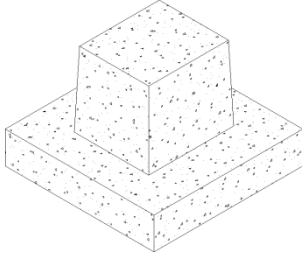

FUNDERINGEN

1

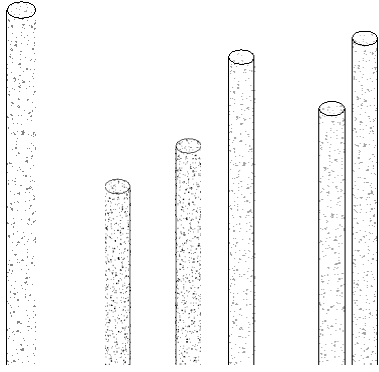
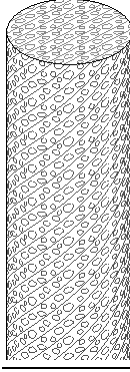
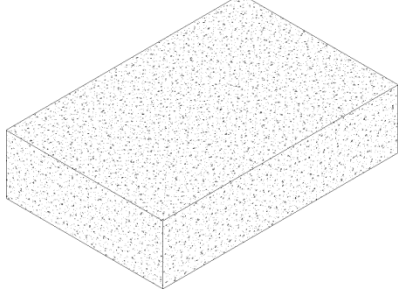
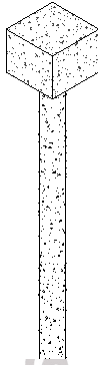
1.1 Funderingsbalken

AFBEELDING	OMSCHRIJVING
	L-vormige funderingsbalk, ter plaatse gestort
	Rechthoekige funderingsbalk, ter plaatse gestort
	T-vormige funderingsbalk, ter plaatse gestort

1.2 Prefab funderingen

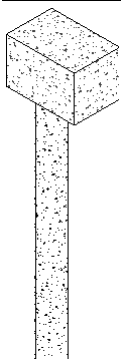
AFBEELDING	OMSCHRIJVING
	Prefab funderingszool met holle kroon
	Prefab funderingszool met volle kroon
	Prefab funderingsput

1.3 Paalfunderingen

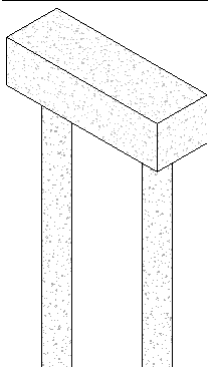
AFBEELDING	OMSCHRIJVING
 A diagram showing three groups of piles. The first group has one pile, the second has two piles, and the third has three piles. Each pile is represented as a vertical cylinder with a stippled texture.	1 / 2 / 3 funderingspalen (in groep)
 A diagram of a cylindrical pile cap, shown as a cylinder with a stippled texture.	Grindkern
 A diagram of a rectangular pile cap, shown as a rectangular block with a stippled texture.	Rechthoekige paalkop
 A diagram of a pile cap with one pile, shown as a rectangular block with a stippled texture, with a single pile extending downwards from its center.	Paalkop met 1 paal

AFBEELDING

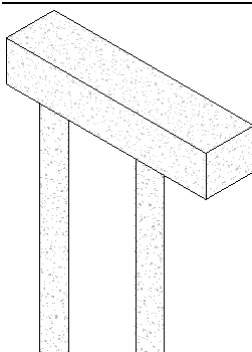
OMSCHRIJVING



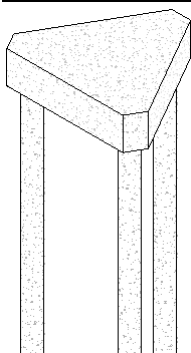
Paalkop met 1 paal, excentrisch



Paalkop met 2 palen



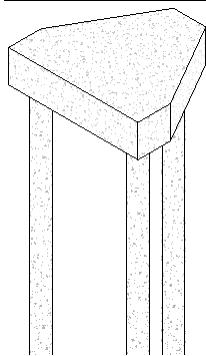
Paalkop met 2 palen, excentrisch



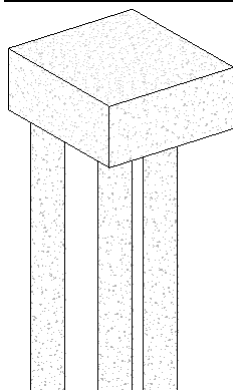
Paalkop met 3 palen, Driehoek - type A

AFBEELDING

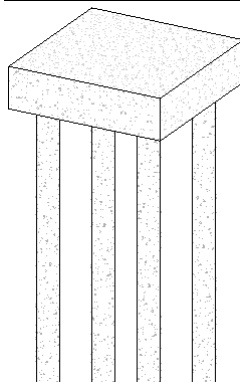
OMSCHRIJVING



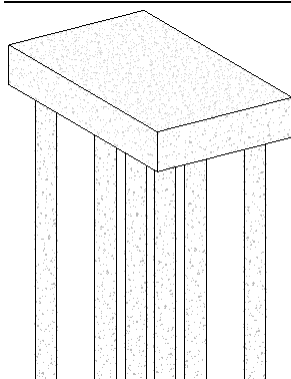
Paalkop met 3 palen, Driehoek - type B



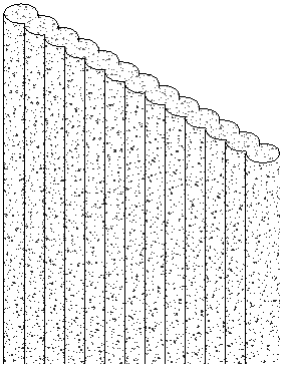
Paalkop met 3 palen, Vierkant



Paalkop met 4 palen



Paalkop met 6 palen





Palenwand

STAALPROFIELEN

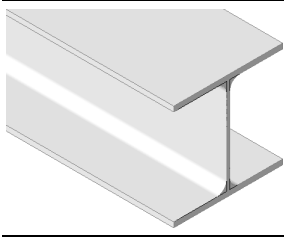
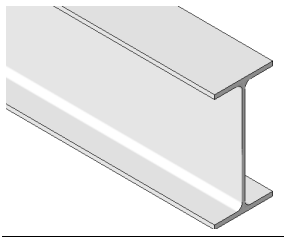
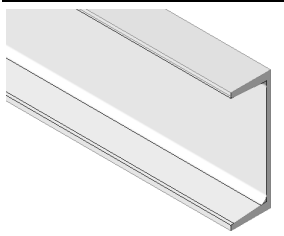
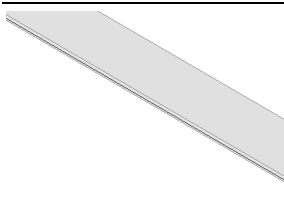
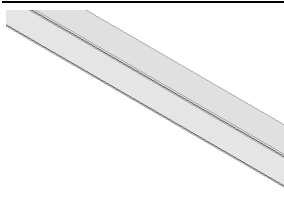
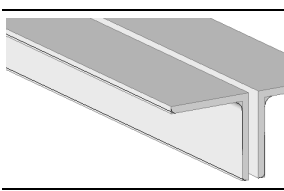
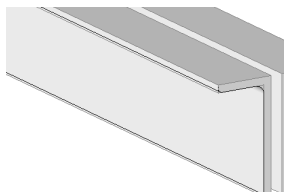
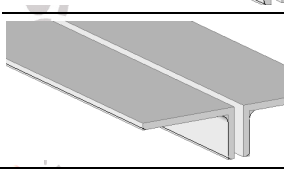
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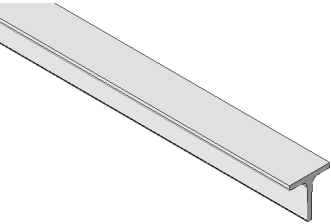
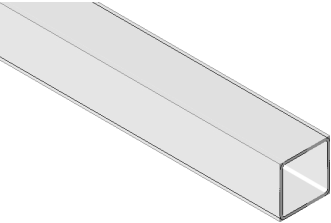
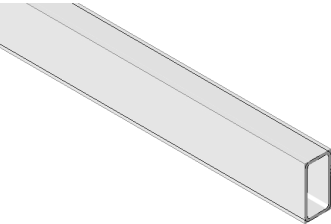
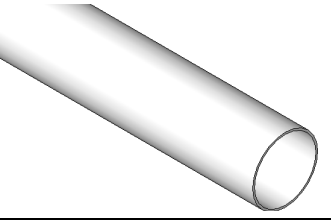
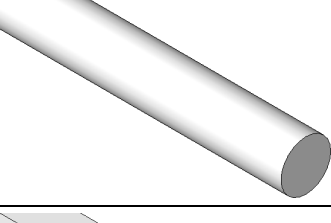
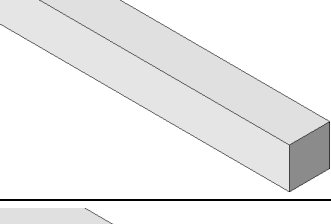
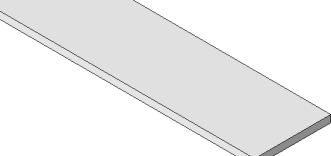
2.1 Structural Column

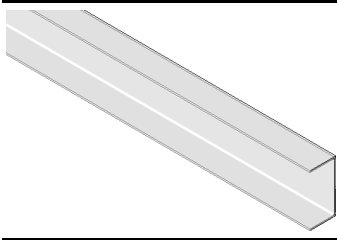
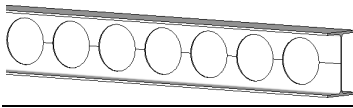
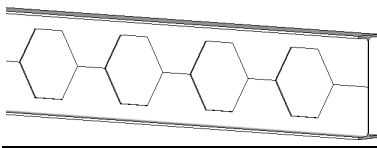
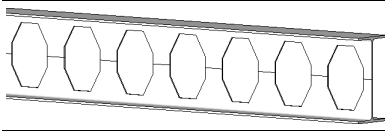
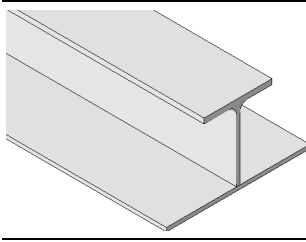
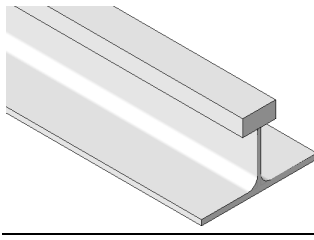
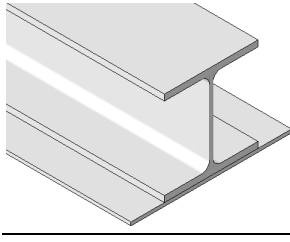
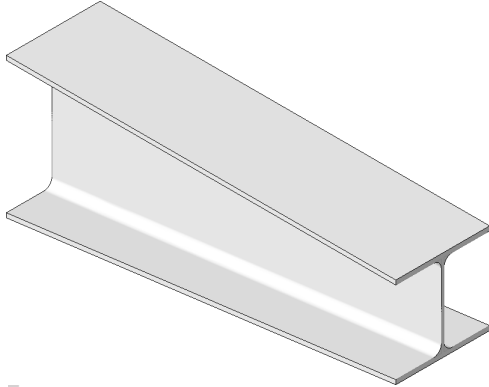
AFBEELDING	OMSCHRIJVING
	HE-profiel
	IPE-profiel
	UPN-profiel
	Dubbel UPN-profiel
	Vierkante holle koker

AFBEELDING	OMSCHRIJVING
	Rechthoekige holle koker
	Ronde holle koker

2.2 Structural Framing

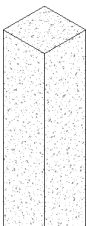
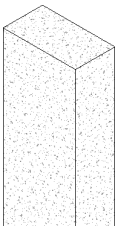
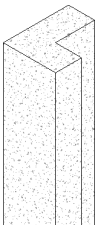
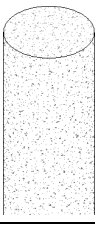

AFBEELDING	OMSCHRIJVING
	HE-profiel (EU 53-62)
	IPE-profiel (EU 19-57)
	UPN-profiel (DIN 1026-1)
	Gelijkzijdig L-profiel (EN 10056-1)
	Ongelijkzijdig L-profiel (EN 10056-1)
	Dubbel gelijkzijdig L-profiel
	Dubbel ongelijkzijdig L-profiel, lange zijde rug-aan-rug
	Dubbel ongelijkzijdig L-profiel, korte zijde rug-aan-rug

AFBEELDING	OMSCHRIJVING
	T-profiel (EN 10055)
	Vierkante holle koker (EN 10210-2)
	Rechthoekige holle koker (EN 10210-2)
	Ronde holle koker (EN 10210-2 / EN 10219-2)
	Ronde staaf (EN 10060)
	Vierkante staaf (EN 10059)
	Platte plaat (EN 10058)

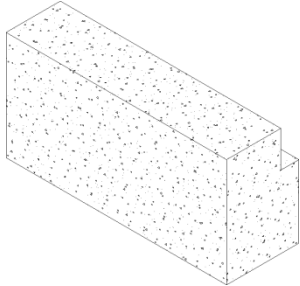
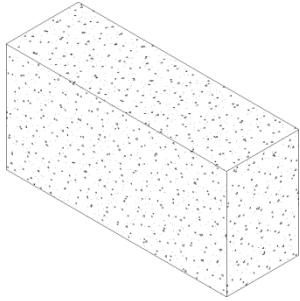
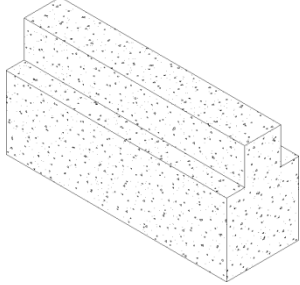
AFBEELDING	OMSCHRIJVING
	Koudgevormd U-profiel
	Raatligger met ronde openingen
	Raatligger met hexagonale openingen
	Raatligger met octagonale openingen
	Geïntegreerde vloerbalk IFB Type A
	Geïntegreerde vloerbalk IFB Type B
	Slanke vloerbalk SFB
	H-profiel met variabele hoogte



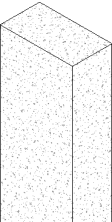
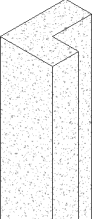

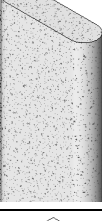
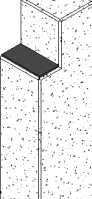
3.1 Structural Column

AFBEELDING	OMSCHRIJVING
	Vierkante kolom
	Rechthoekige kolom
	L-vormige kolom
	Ronde kolom
	O-vormige kolom

3.2 Structural Framing

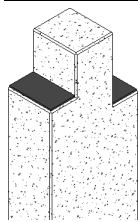
AFBEELDING	OMSCHRIJVING
	L-vormige funderingsbalk, ter plaatse gestort
	Rechthoekige funderingsbalk, ter plaatse gestort
	T-vormige funderingsbalk, ter plaatse gestort

4.1 Structural Column

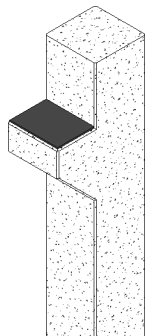
AFBEELDING	OMSCHRIJVING
	Rechthoekige kolom
	L-vormige kolom
	Ronde kolom
	O-vormige kolom
	Rechthoekige kolom met enkele uitsparing

AFBEELDING

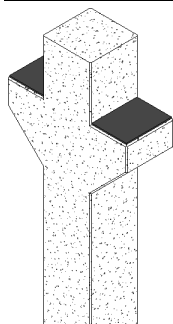
OMSCHRIJVING



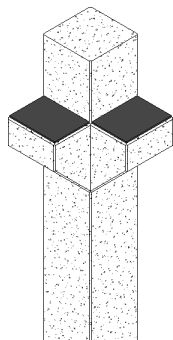
Rechthoekige kolom met dubbele uitsparing



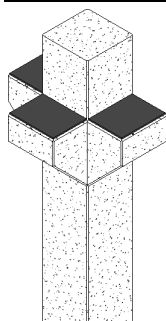
Rechthoekige kolom met 1 console



Rechthoekige kolom met 2 consoles



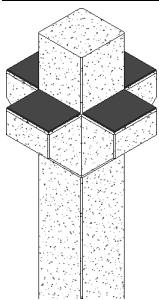
Rechthoekige kolom met 2 consoles, gekruist



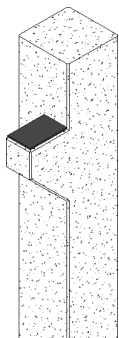
Rechthoekige kolom met 3 consoles

AFBEELDING

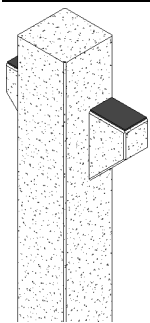
OMSCHRIJVING



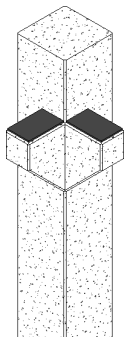
Rechthoekige kolom met 4 consoles



Rechthoekige kolom met 1 halve console

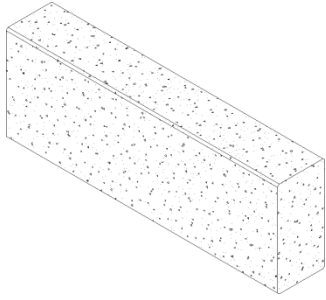
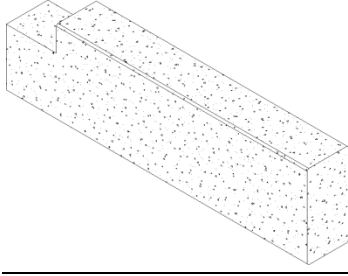
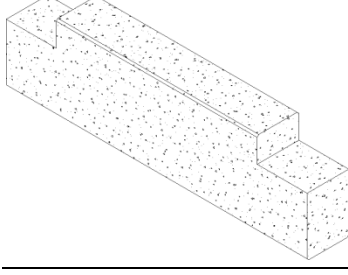
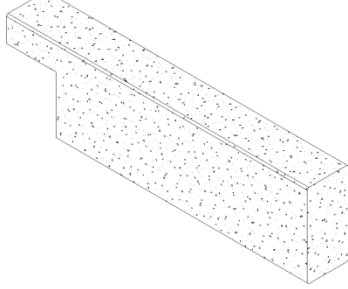
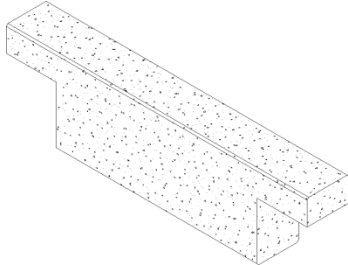


Rechthoekige kolom met 2 halve consoles



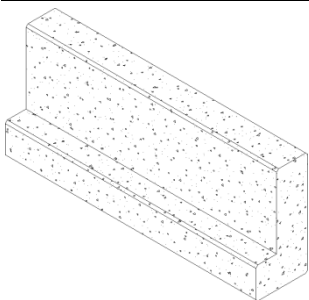
Rechthoekige kolom met 2 consoles, gekruist

4.2 Structural Framing - balken

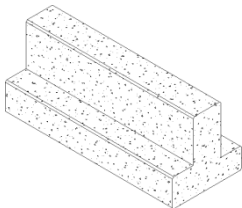
AFBEELDING	OMSCHRIJVING
	Prefab rechthoekige balk
	Prefab rechthoekige balk met enkele uitsparing
	Prefab rechthoekige balk met dubbele uitsparing
	Prefab rechthoekige balk met enkele opleg
	Prefab rechthoekige balk met dubbele opleg

AFBEELDING

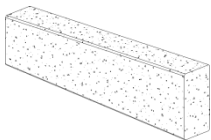
OMSCHRIJVING



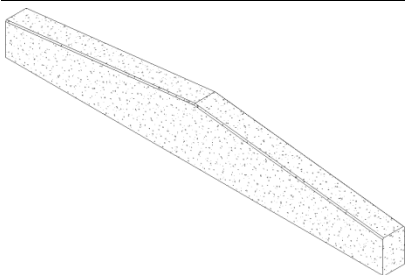
Prefab L-vormige balk



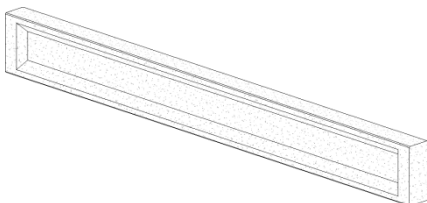
Prefab T-vormige balk



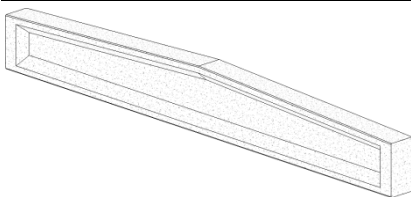
Prefab rechthoekige balk met enkelvoudige helling



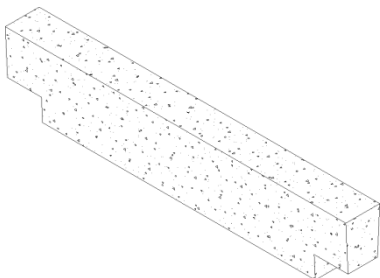
Prefab rechthoekige balk met dubbele helling



Prefab I-ligger met constante hoogte



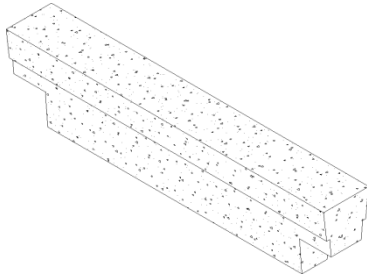
Prefab I-ligger met variabele hoogte



Prefab dakgording

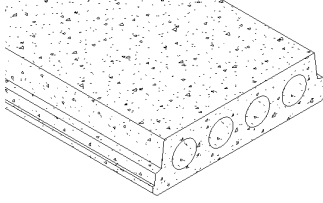
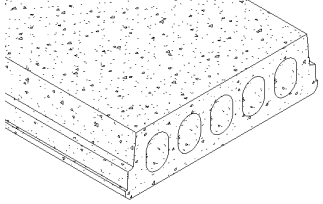
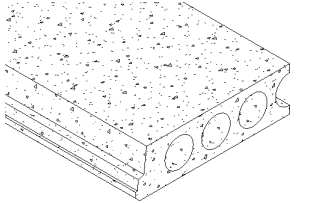
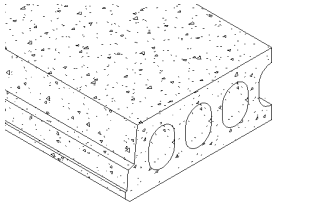
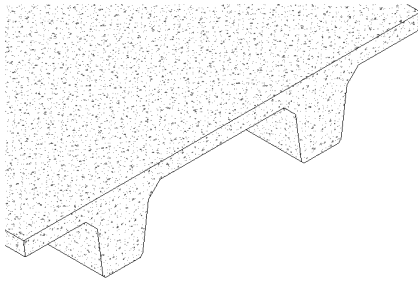
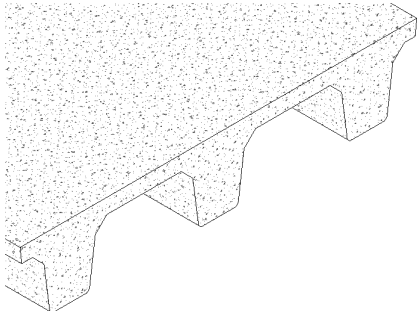
AFBEELDING

OMSCHRIJVING



Prefab dakgording met boventafel


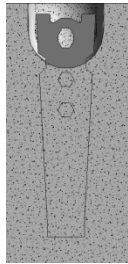
4.3 Structural Framing – gewelven

AFBEELDING	OMSCHRIJVING
	Prefab welfsel met ronde openingen, met of zonder isolatie
	Prefab welfsel met ovaal openingen, met of zonder isolatie
	Passtuk prefab welfsel met ronde openingen, met of zonder isolatie
	Passtuk prefab welfsel met ovaal openingen, met of zonder isolatie
	Prefab dakelement met 2 ribben / TT-plaat
	Prefab dakelement met 3 ribben / TT-plaat


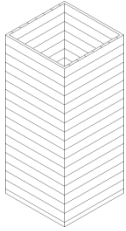
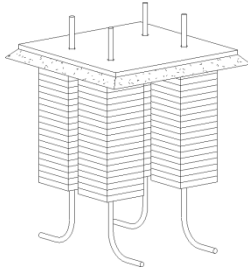
VERANKERINGEN

5

5.1 Betonverankeringen

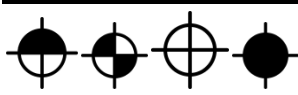
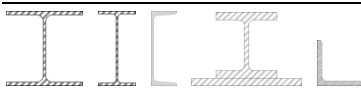
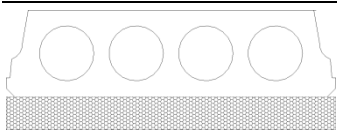
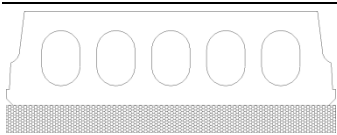
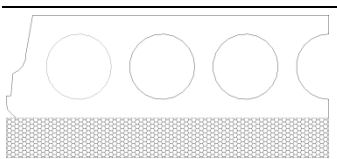
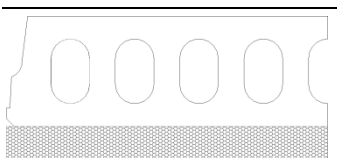


AFBEELDING	OMSCHRIJVING
	Transportanker voor prefab betonelementen
	Transportanker met uitsparing

5.2 Verankeringen voor staalkolommen

AFBEELDING	OMSCHRIJVING
 A simple line drawing of a U-shaped steel hook anchor, consisting of a vertical stem and a horizontal hook at the bottom.	Stalen haakanker
 A perspective drawing of a rectangular steel box with a grid of horizontal and vertical reinforcement bars on its sides, representing a Stabox.	Verankeringsdoos (Stabox)
 A perspective drawing of a steel column base. It shows a rectangular steel plate with four vertical reinforcement bars extending upwards. Below the plate, four U-shaped steel anchors are shown extending downwards, secured with nuts and washers.	Stalen kolomvoet met 4 ankers

DETAIL ITEMS

6

AFBEELDING	OMSCHRIJVING
	Paalsymbolen (11 types)
	Staalprofielen (16 types)
	Welfsel met ronde openingen, met of zonder isolatie
	Welfsel met ovalen openingen, met of zonder isolatie
	Passtuk welfsel met ronde openingen, met of zonder isolatie
	Passtuk welfsel met ovalen openingen, met of zonder isolatie
	Betonanker
	Haakanker

ANNOTATIES

7

Beschikbare tags:

- Balken, kolommen, funderingspalen, ...
- Details tags, doorsnedesymbolen
- Spot Elevation symbolen

Alle tags opgemaakt in uniform lettertype : ISOCPEUR

TITELHOEKEN

8

AFBEELDING	OMSCHRIJVING
	<p data-bbox="826 869 1098 898">Titelhoeken, in alle formaten</p>

TEMPLATES

9

AFBEELDING	OMSCHRIJVING
	Materialentemplates voor staal en beton
	i-Theses template voor Structurele tekeningen

Templates opgesteld in uniform lettertype : ISOCPEUR