				I
				H
				G
				F
				E
				D
				C
				B
				A
Datum	Tekenaar	Constructeur	Toelichting	Wijz.
03-03-2021	Faramarz	P. Beekink		

Bouwplan Verbouwing + uitbreiding pand a/d Maurislaan 55 te Waddinxveen

Fase: Ontwerp

Onderwerp: Constructieschema's (hoofdgebouw)

Status: Definitief

Architect: Topos architecten

Broersma Bouwadvies BV

Groothertoginnelaan 33 | 2517 EB Den Haag | +31 (0)70 360 29 07

www.bureau-broersma.nl | info@bureau-broersma.nl

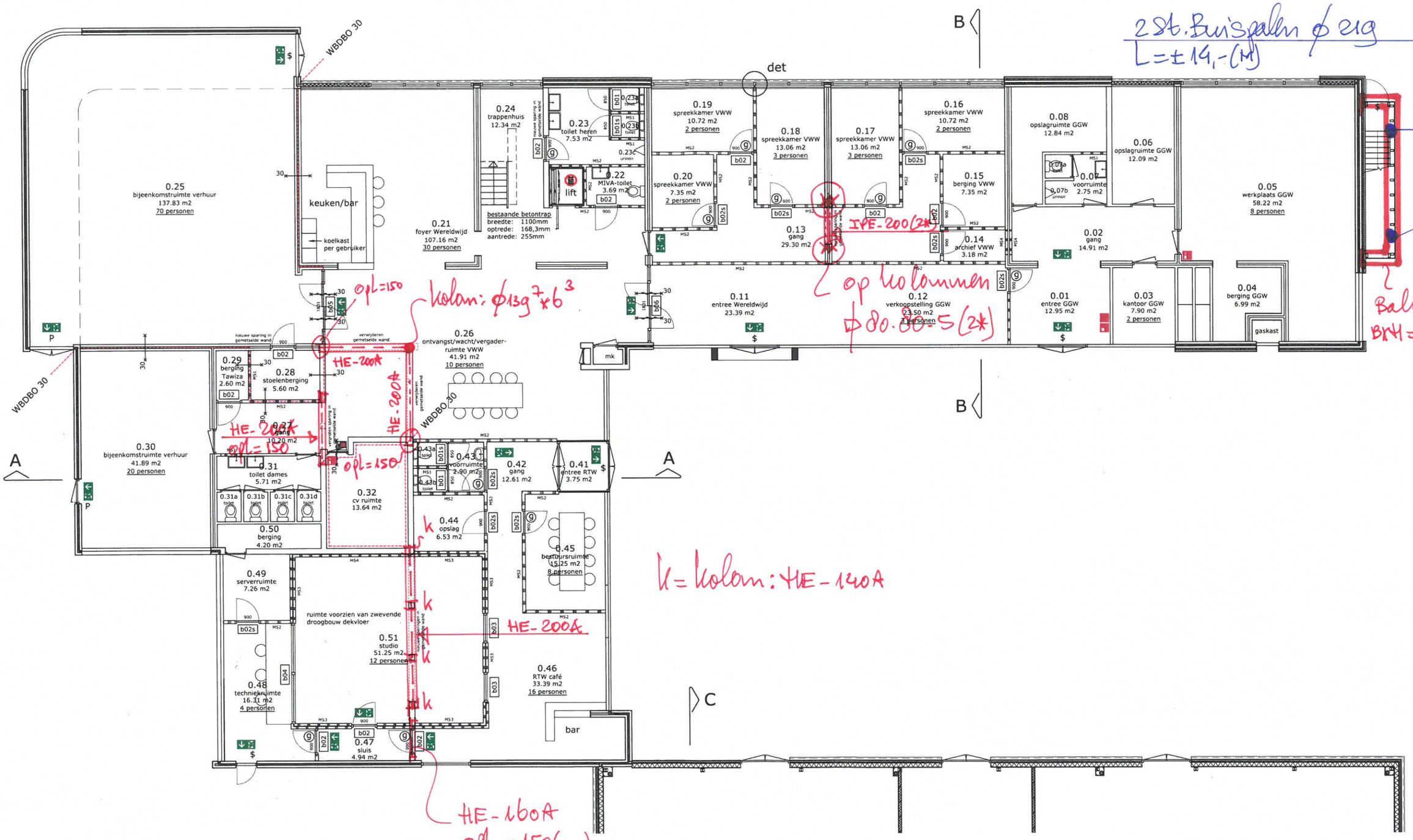
Schaal 1:50 / 1:20

Afm. A3

Werkno.: 21025

Bladno.: V0-200

CONSTR. SCHEMA 1e VERD. VLOER / BEG. GROND

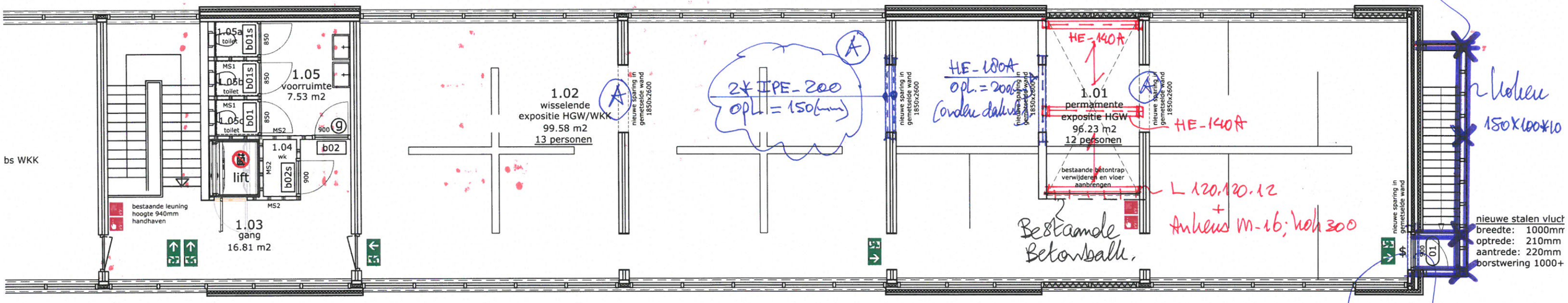


CONSTR. SCHEMA 1E VERD. + DAKVLOER
(TRAPGAT)

← Staalpl. Betonvloer; d = 170(mm).

Kolommen: Ø100.8

B



bing

B

B

Φ 100.100.8

GNP-140

houten latten 145x20
met tussenruimte 9mm
op draagstructuur

Bevestigen aan bestaande Houten Ballklaag.

1000 2261 1000
670
1330
1850
warmtepomp
persroostervloer
op staalconstructie
2 HE-160A

1000 2261 1000
1000
2053
1385
2053
1000
warmtepomp
warmtepomp

1.06
bijeenkomstruimte clubs WKK
49.42 m2
10 personen

C C

Φ 100-100.8
op liggers: HE-160A

Spanrichting Rooster/vloer.

doorsnede C-C

Eerste verdieping

X = Φ 100.100.8
liggers: HE-160A

WBDBO 30

$

0.25
bijeenkomstruimte verhuur
137.83 m2
70 personen

30

keuken/bar

koelkast
per gebruiker

0.2
foyer Wer
107.16
30 pers

30
1831
b05
30

P

nieuwe sparing in gemetselde wand
900
verwijderen gemetselde wand
ontvang

30

0.29
berging
Tawiza
2.60 m2
b02
MS1

30
0.28
stoelenberging
5.60 m2
b02
30

900
MS2
30

0.27
gang
10.20 m2

verwijderen gemetselde wand

WBDBO

vergroten sparing in gemetselde wand

WBDBO 30

0.30
bijeenkomstruimte verhuur
41.89 m2
20 personen

A

MS1
0.31
toilet dames
5.71 m2
30

0.43a
toilet
b01s
MS1
0.43b
toilet
b01

hoh 650

hwa Φ80

hwa Φ80

2655+

2615+

2655+

2615+

hwa Φ80

2655+

2635+

IPE 180

2655+

2635+

hwa Φ 80

3750

IPE 300

3750

HE-140A

hwa Φ110

2615+ 2635+

3800+

3800+

IPE 300 (300x15+)

HE-140A.

IPE 140 (140x70)

HE-140A (LIGGEND)

2655+ 2655+

3700+

3800+

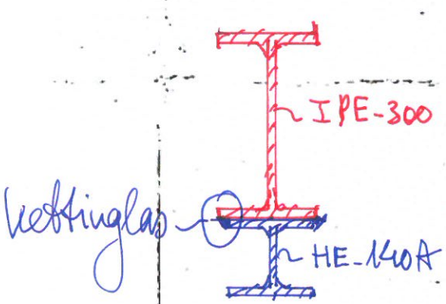
IPE-300

hwa Φ110

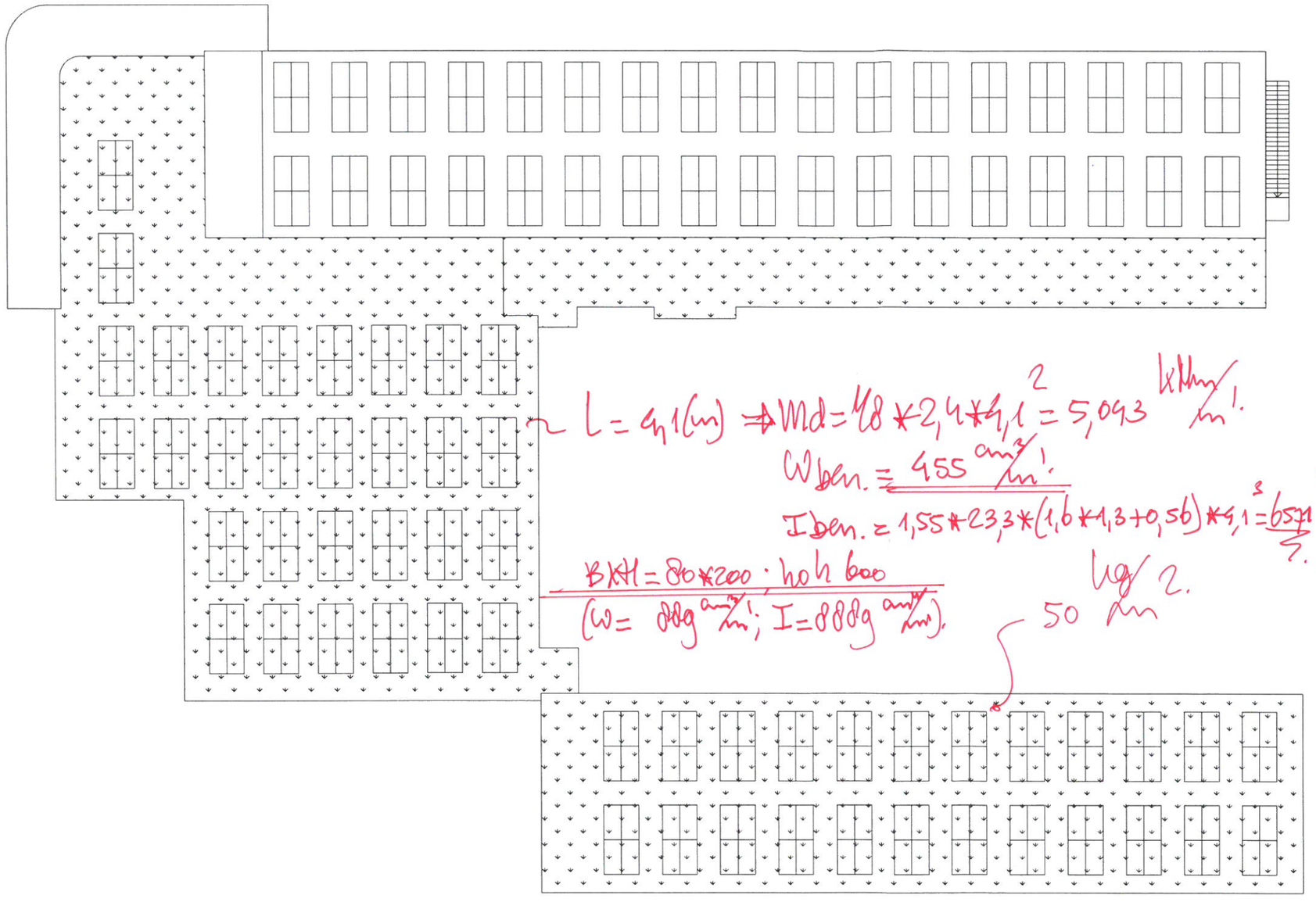
2615+ 2635+

3800+

3800+



X= Φ100.100.8



Eg. H. Balklaag = 0,3 kN/m²
Pl.dak/leid/kol/balk. = 0,4 "
Eg. Groen dak = 0,4 "
Eg. Zonnepanelen = 0,2 "+
= 1,3 kN/m²
= 0,56 " +
1,86 kN/m²

R.B. :

n.B.: (ψ=0)

L = 41(m) ⇒ Md = 48 * 2,4 * 4,1² = 5,093 kNm/m'

Wben. = 455 daN/m'

Iben. = 1,55 * 23,3 * (1,6 * 1,3 + 0,56) * 4,1³ = 6571 cm⁴/m'

BKH = 80 * 200 ; hoh 600

(ω = 88g daN/m'; I = 888g daN/m').

50 kg/m²

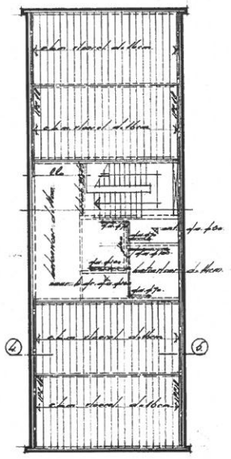
qd = 1,2 * 1,3 + 1,5 * 0,86 = 2,4 kN/m²

topos
architectuur & bouwkunde

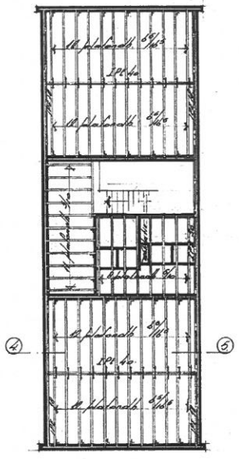
Topos BV
Middelburgseweg 1a
2741 LB Waddinxveen
0182 39 43 44
www.topos.nl
info@topos.nl

PROJECT	verbouw Mauritslaan 55 te Waddinxveen
OPDRACHT	gemeente Waddinxveen
PLANFASE	bouwaanvraag
TEKENING	dakplattegrond (nieuwe toestand)
GETEKEND	MV

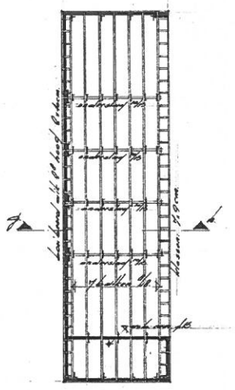
SCHAAL	DATUM	GEWIJZIGD	PROJECTNR	TEKENINGNR
1:100	20-01-2021		1947	2.103



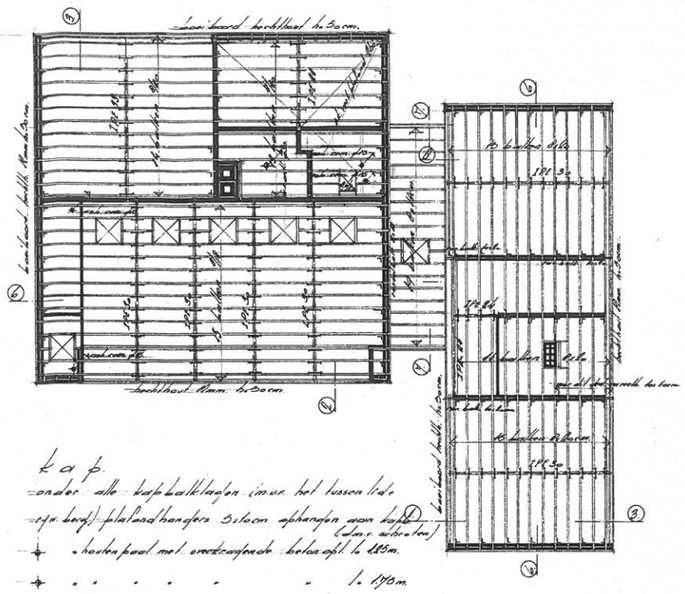
verdieping vloer



plafond b.d.g.



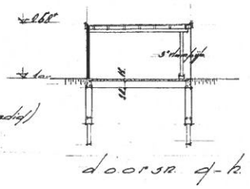
kap rijwielberg



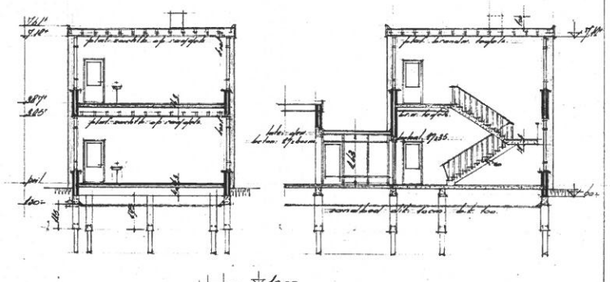
kap

onder alle kap-balklagen (muur, hol tussen l/d.
regr. bord) plafond hangers 50 cm ophangen aan kap
(dwr. schoren)

- houten paal met ovendroogde betonafst. h. 185 m.
- . . . . . h. 170 m.
- . . . zonder .
- ms . muisrooster.
- rv . roofventilator afvoer.
- afd. . afgedekt opening.
- sp . schuifspel.
- lichtkoepel 7 stuks afmeting hartlijn (uitwendig) kwistvorm, maaat 123 x 183 cm, afstand hoekbeton 14 cm, polyester ontluchters, hoogte 60 cm.

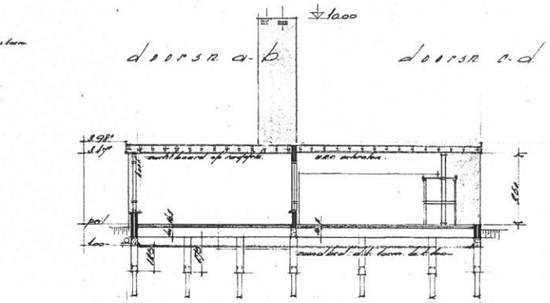


doorsn. g-h

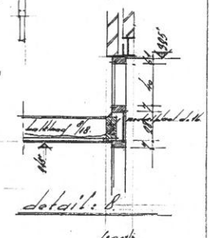


doorsn. a-b

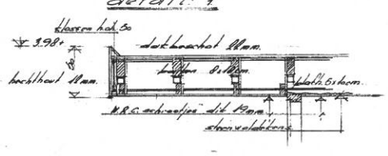
doorsn. c-d



doorsn. e-f

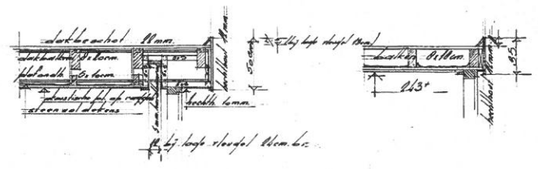


detail: 8

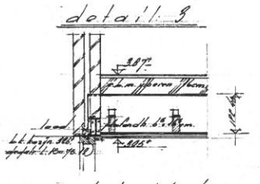


detail: 1

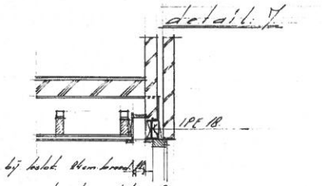
detail: 6



detail 2



detail: 3



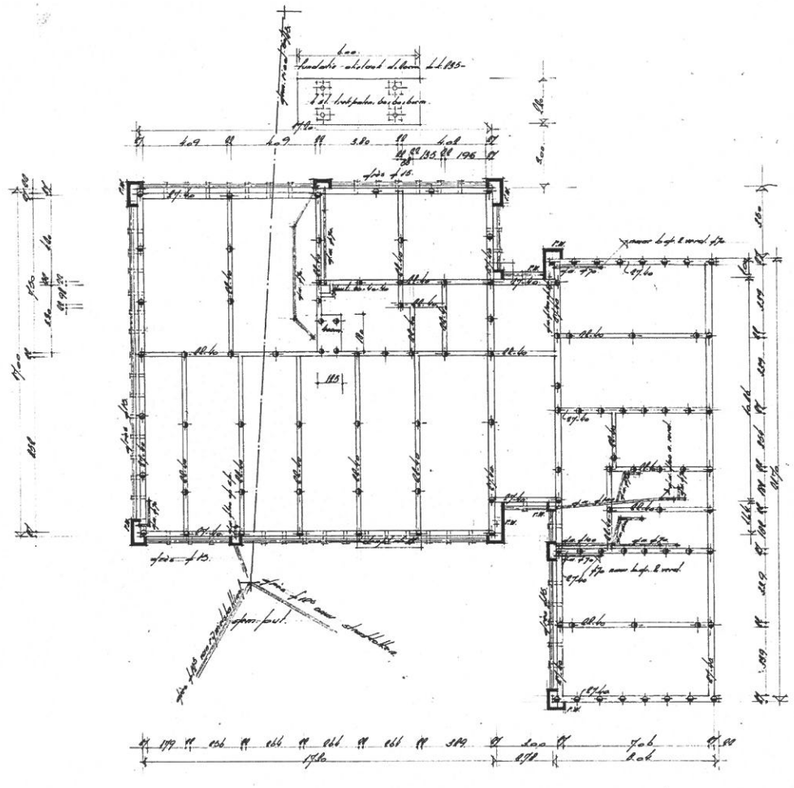
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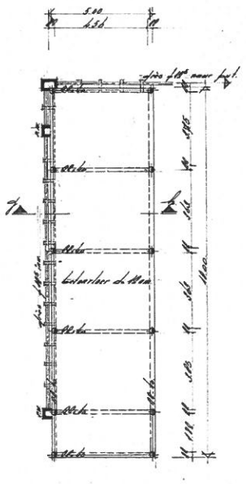
detail 4



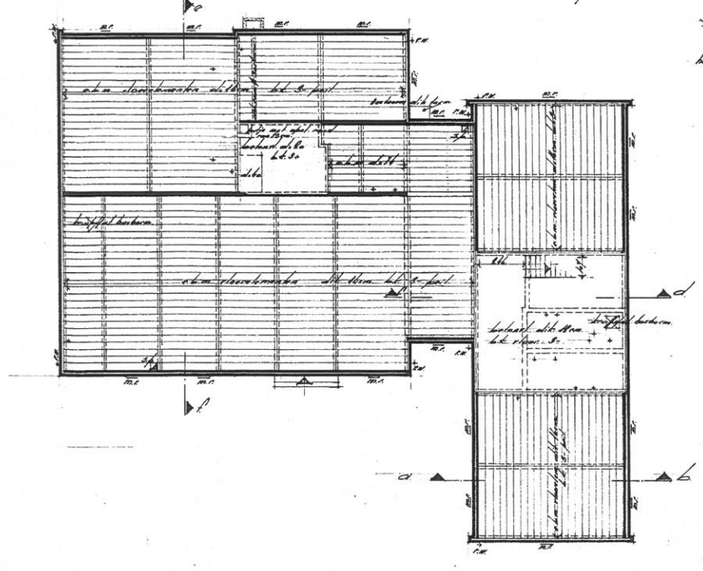
detail 5



fundering + riolering



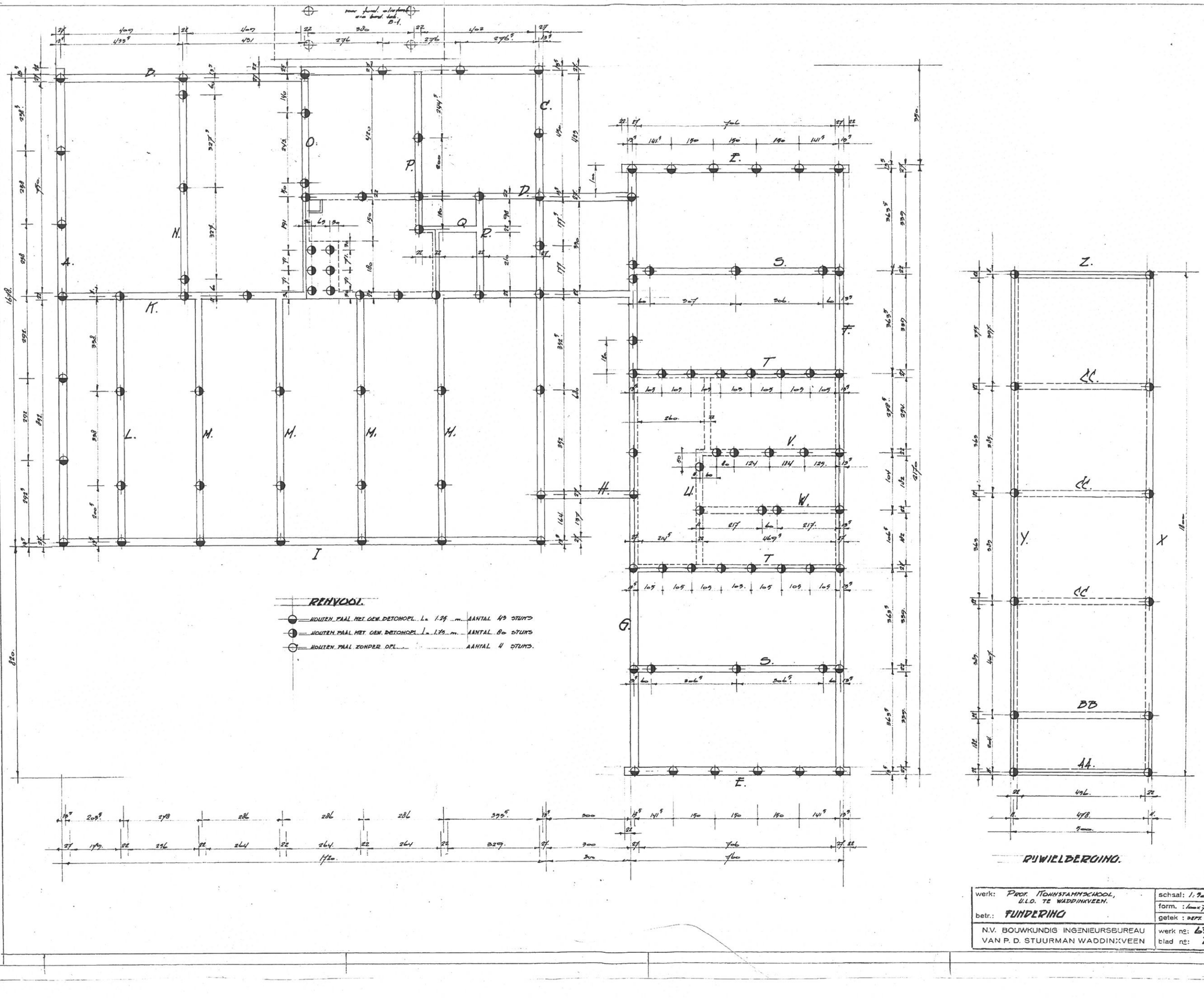
vlad rijwielberg



b.d.g. vloeren

440 04

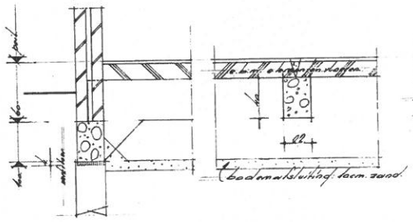
werk: perc. Rehobothkerk u/h. te Waddinxveen	schaal: 1:50 / 1:100 / 1:25
betr.: bestektekening	Term.: Mrt 64
	getek: wgt/bt
N.V. BOUWKUNDIG INGENIEURSBUREAU VAN P. D. STUURMAN WADDINXVEEN	werk nr: 65.110
	blad nr: B.1



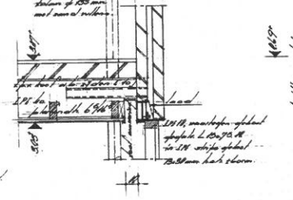
werk: PROF. ROMBSTAMMSCHOOL, U.L.O. TE WADDINXVEEN.	schaal: 1:100	gewijz.
betr.: FUNDERING	form. : 1mm x 7m	
	getek : DEFX '46	
N.V. BOUWKUNDIG INGENIEURSBUREAU VAN P. D. STUURMAN WADDINXVEEN	werk nº: 63 - 46a	
	blad nº: D - 1.	

legenda:

- ⊕ houten paal met dpe aarde opgestelde lengte 1.80 m (werkend lengte 1.50 m)
- ⊕ " " " " " " 1.70 m (werkend 1.50 m)
- mz = meizaadlichtroosters
- rz = regenwaterafvoer
- dp = dpg-gevuld afvoerbuisje
- overige details als bestaand
- pvc = isolering
- drainerende dpn.

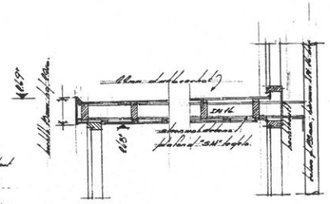


detail: 1

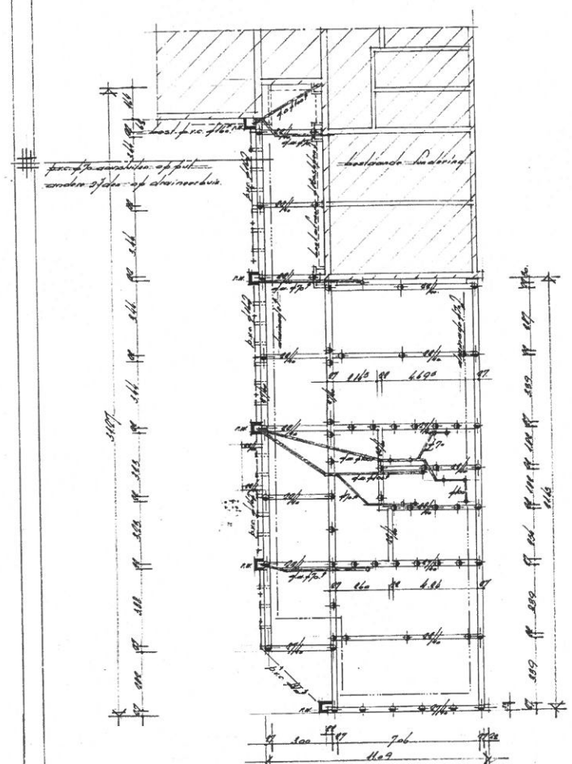


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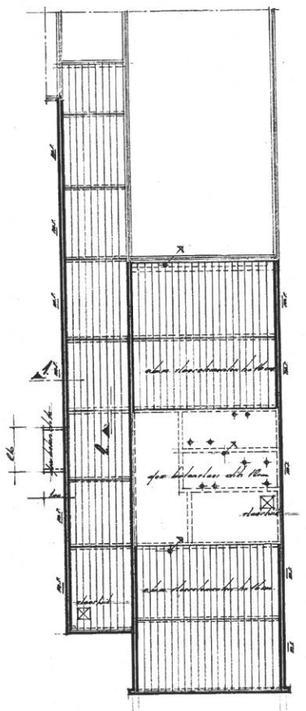
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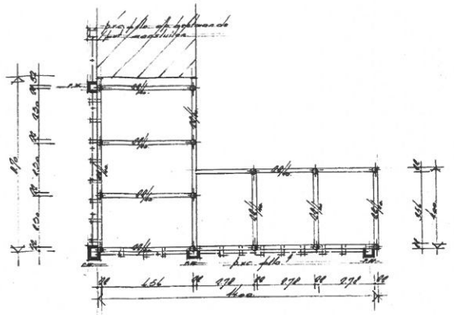
detail: 4



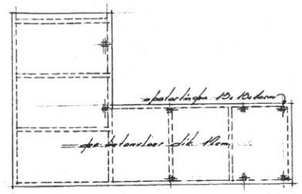
fundering + isolering

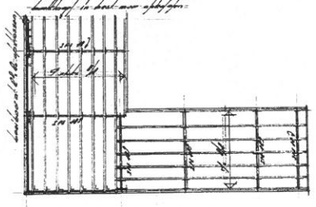


begane vloeren

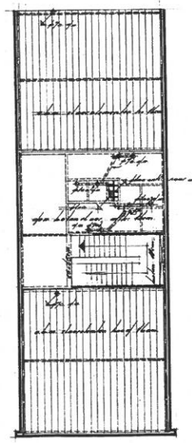


fundering + isolering

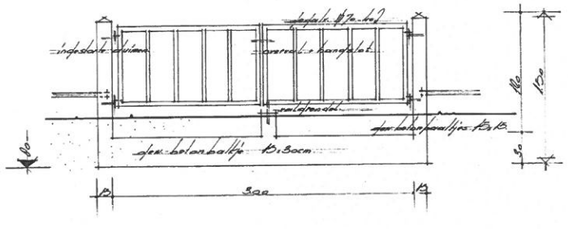




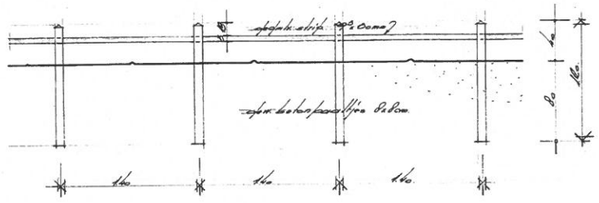
dakbalklaag rijnelbergingen



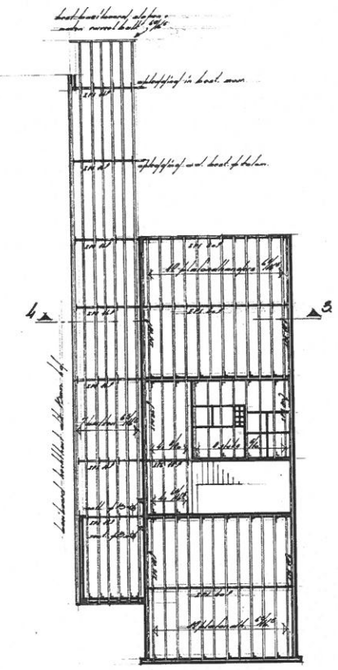
voordiepingvloeren



voorgevel

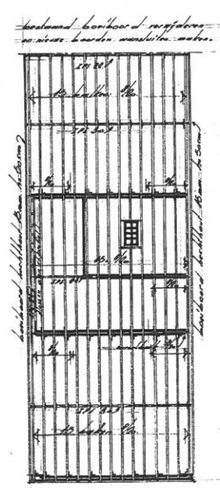


voorgevel



plafondhangers begane vloeren

dakbalklaag plafdak



tapplan

werk: PENS. VOORZIENING OPBOUW OUDE WIJKGEBOUW	schaal: 1:50	gewijz.
UITBREIDING	tekening: 1e	
betr.: FUNDERING, VLOEREN, PLAFONDS ENZ. DWARS	getek.: 21-5-67	
N.V. BOUWKUNDIG INGENIEURSBUREAU STUURMAN - WADDINXVEEN	werk nr: 66-606	
	blad nr: 83	