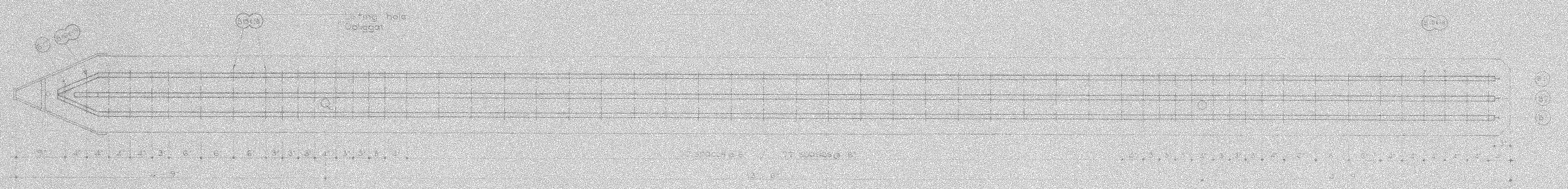
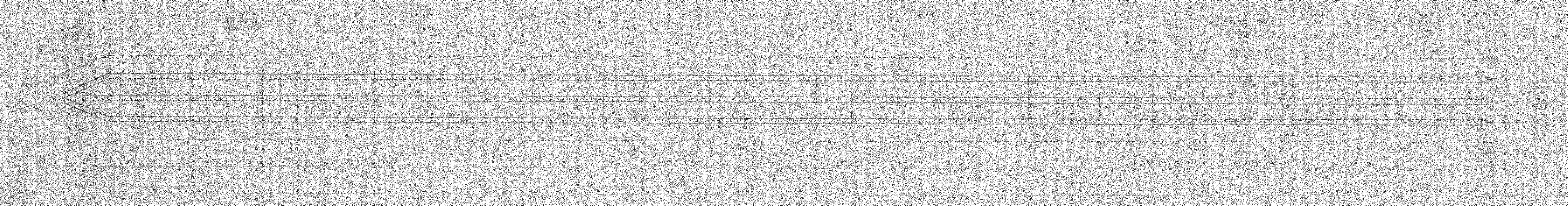
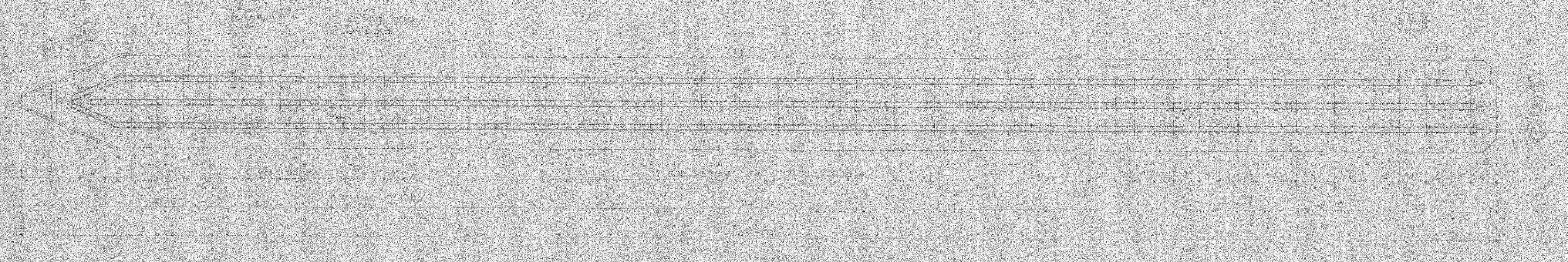

Lifting hole
Opgaatjie

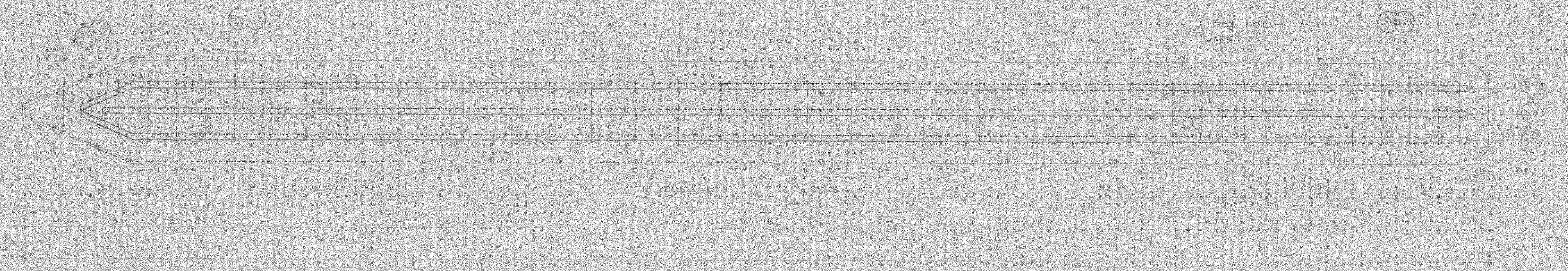
23'-0" PILE. ~ 23'-0" HEIPAAL.
6 REQUIRED ~ 6 BENODIG.
PILES
HEIPALE


Lifting hole
Opgaatjie

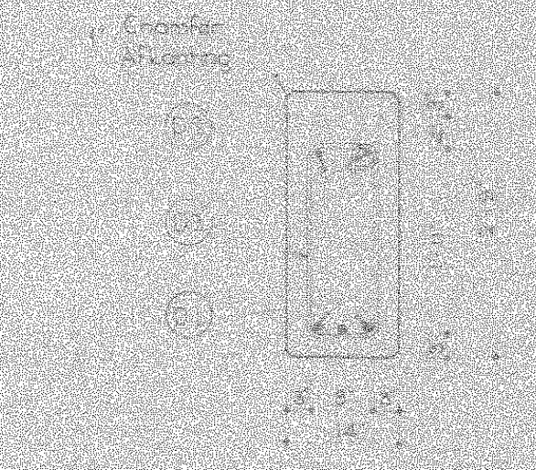
21'-0" PILE. ~ 21'-0" HEIPAAL.
2 REQUIRED ~ 2 BENODIG.
PILES
HEIPALE


Lifting hole
Opgaatjie

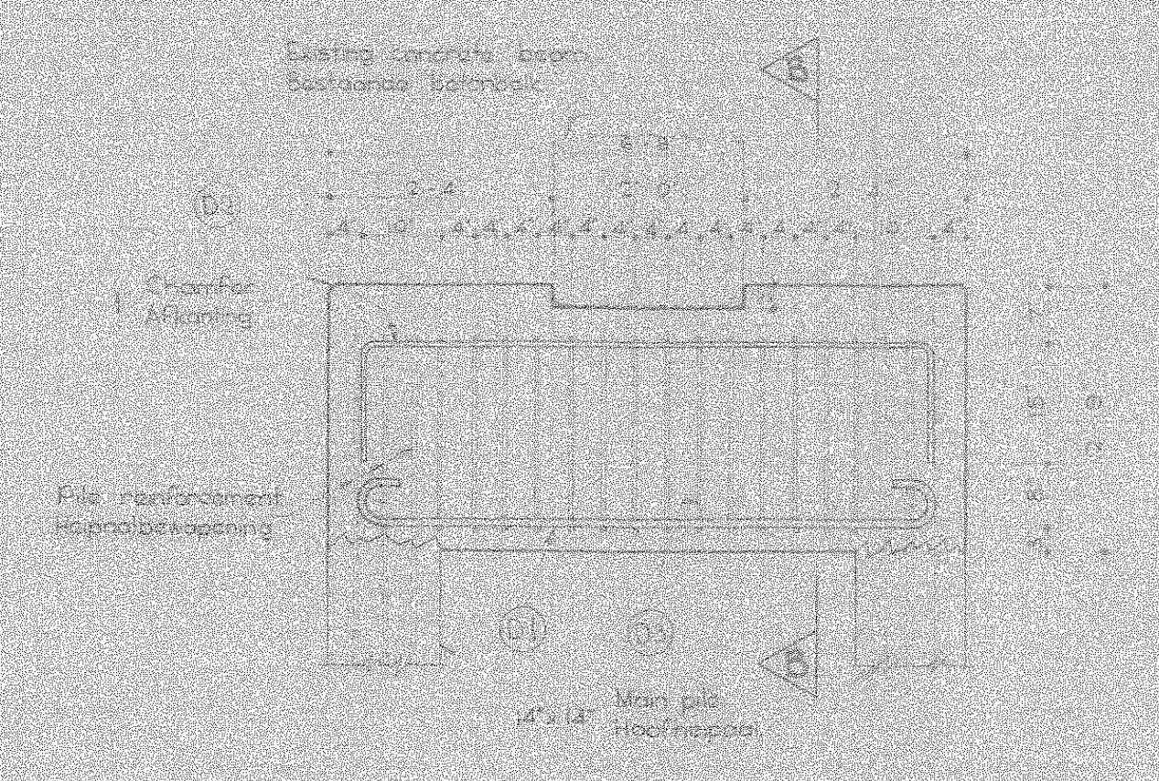
19'-0" PILE. ~ 19'-0" HEIPAAL.
6 REQUIRED ~ 6 BENODIG.
PILES
HEIPALE


Lifting hole
Opgaatjie

17'-0" PILE. ~ 17'-0" HEIPAAL.
12 REQUIRED ~ 12 BENODIG.
PILES
HEIPALE



SECTION B - B DEURSNEE.

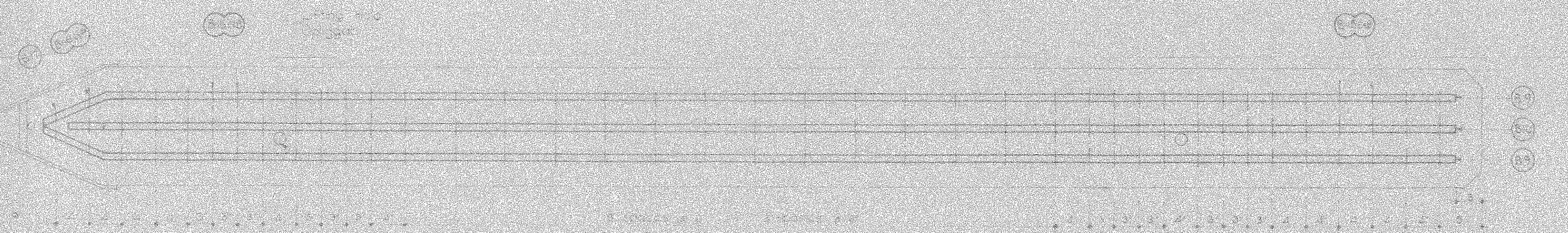

Existing concrete beam
Bestaande betonbalk
Chamfer
Afskuining
Pile reinforcement
Heipaalbewapening
Main pile
Hoofheipaal

LONGITUDINAL SECTION ~ LANGSDEURSNEE.

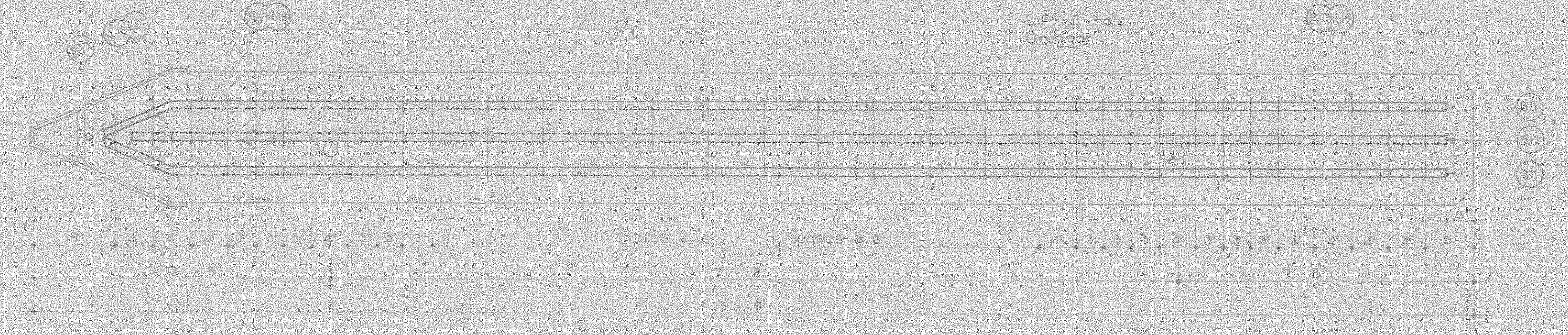
PORTAL BEAM ~ PORTAALBALK.
Scale ½" = 1'-0" Skaal.

PORTAL BEAM ROD LIST. ~ STANGLYS VIR PORTAALBALK.
Vide diagram Z 2082 ~ Volgens diagram Z 2082

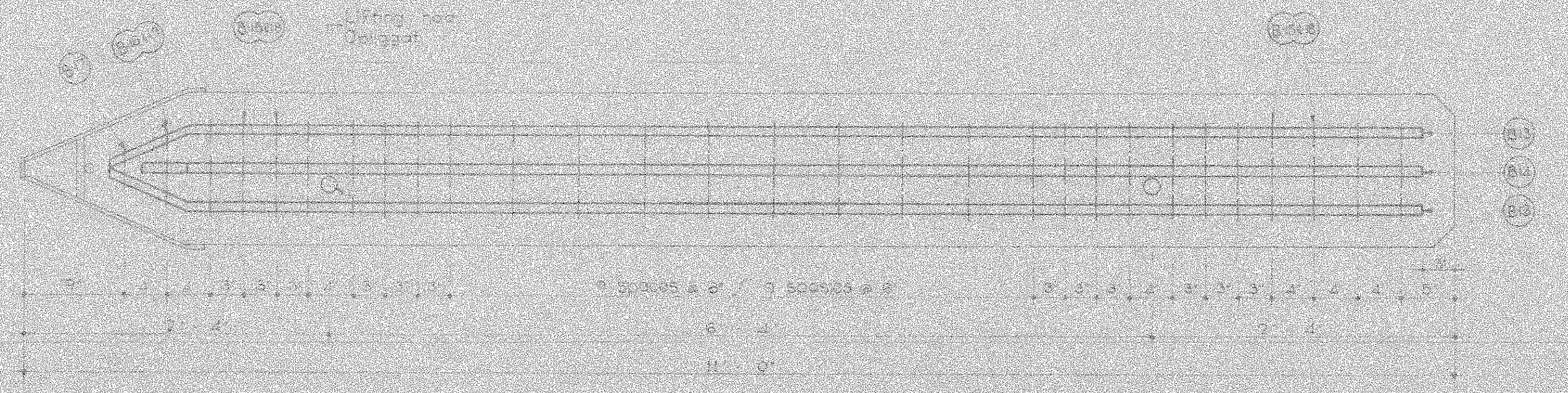
Item.	Rod Stang.	Diagram.	Diameter Deursnee	Cutting length. Snylengte	No. off Aantal	Weight. Gewig.
Reinforcing for one Portal Beam. Bewapening vir een Portaalbalk. No. off Aantal 23	D1	6'-10"	1"	7'-6"	3	60
	D2	6'-0"	½"	6'-4"	2	11
	D3	5¼"	⅝"	6'-3"	14	91
	All dimensions are over/Alle afmetings is oor.			Total Totaal	=	162 lbs/pd



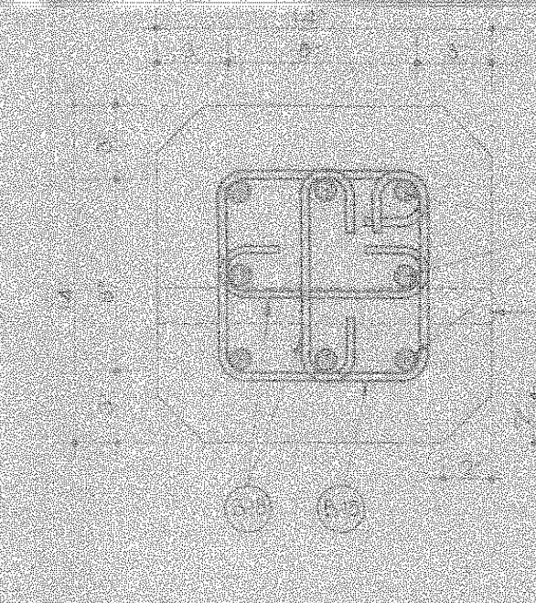
15'-0" PILE. ~ 15'-0" HEIPAAL.
6 REQUIRED ~ 6 BENODIG.
PILES
HEIPALE


Lifting hole
Opgaatjie

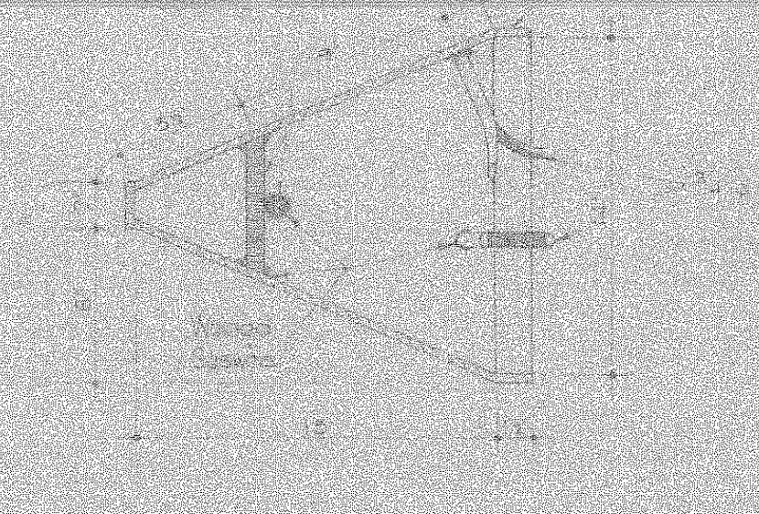
13'-0" PILE. ~ 13'-0" HEIPAAL.
10 REQUIRED ~ 10 BENODIG.
PILES
HEIPALE


Lifting hole
Opgaatjie

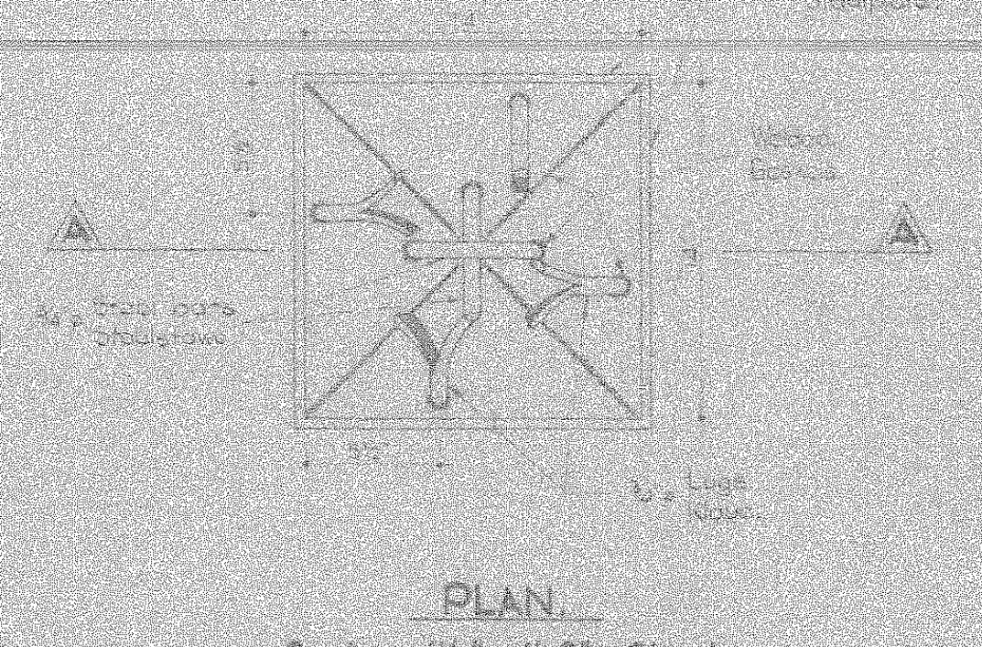
11'-0" PILE. ~ 11'-0" HEIPAAL.
4 REQUIRED ~ 4 BENODIG.
PILES
HEIPALE



TYPICAL SECTION.
TIPIESE DEURSNEE.
Scale 1½" = 1'-0" Skaal.



SECTION A-A DEURSNEE.
Scale 1½" = 1'-0" Skaal.



PLAN.
Scale 1½" = 1'-0" Skaal.

SHOE FOR MAIN PILES.
SKOEN VIR HOOFHEIPALE.

R.C. PILE ROD LIST ~ STANGLYS VIR B.B. HEIPALE.
Vide diagram Z 2082 ~ Volgens diagram Z 2082

ROD. STANG.	DIAGRAM.	DIAMETER DEURSNEE	CUTTING LENGTH SNYLENGTE	No. OFF AANTAL	WEIGHT GEWIG
B1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B15	8¾"	[illegible]	[illegible]	[illegible]	[illegible]
B16	7¼"	[illegible]	[illegible]	[illegible]	[illegible]
B17	3¾"	[illegible]	[illegible]	[illegible]	[illegible]
B18	8¾"	[illegible]	[illegible]	[illegible]	[illegible]
B19	7¼"	[illegible]	[illegible]	[illegible]	[illegible]
ALL DIMENSIONS ARE OVER. ALLE AFMETINGS IS OOR.				TOTAL TOTAAL =	[illegible]

REFERENCE DRAWINGS ~ VERWYSINGSTEKENINGE.

DRAWING No. TEKENING Nr.	DESCRIPTION ~ BESKRYWING.
[illegible]	[illegible]
PEH 52 V 264	[illegible]
PEH 52 V 266	Strengthening and extending slipway. General layout. Versterking en verlenging van sleephelling. Algemene uitleg.
PEH 52 V 267	[illegible]
PEH 52 V 269	[illegible]

S.A.R. C.M.S. | A.K.M. S.A.S.

MOSSELBAAI HARBOUR / HAWE.

STRENGTHENING AND EXTENDING SLIPWAY.
REINFORCING DETAILS OF PILES AND PORTAL BEAMS.

VERSTERKING EN VERLENGING VAN SLEEPHELLING.
BEWAPENING DETAILS VAN HEIPALE EN PORTAALBALKE.

No. PEH. 52 V 270

PEH 52 V 270