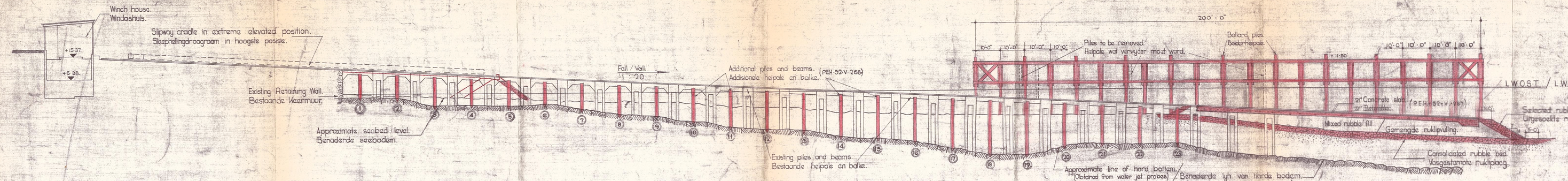
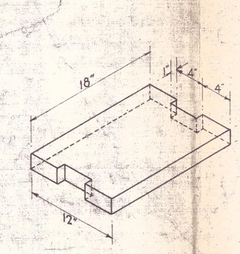
289/4.

(2)



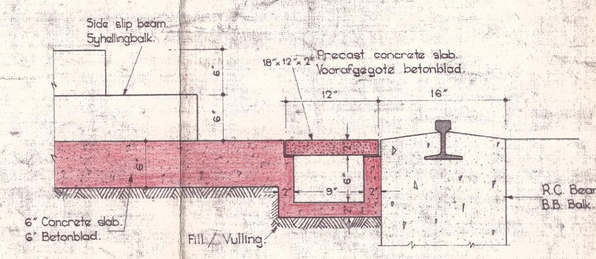
LONGITUDINAL SECTION A-A LANGSDEURSNEE.

Scale 1" = 20'-0" Skaal.



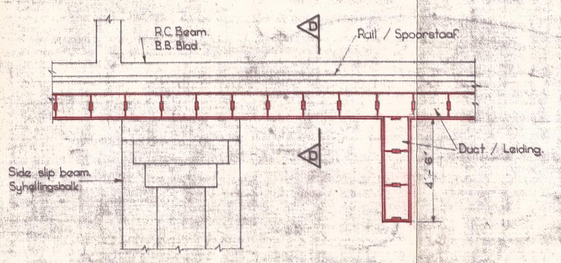
PRECAST CONCRETE SLAB. VOORAFGEGOTE BETONBLAD.

Scale 1" = 1'-0" Skaal.



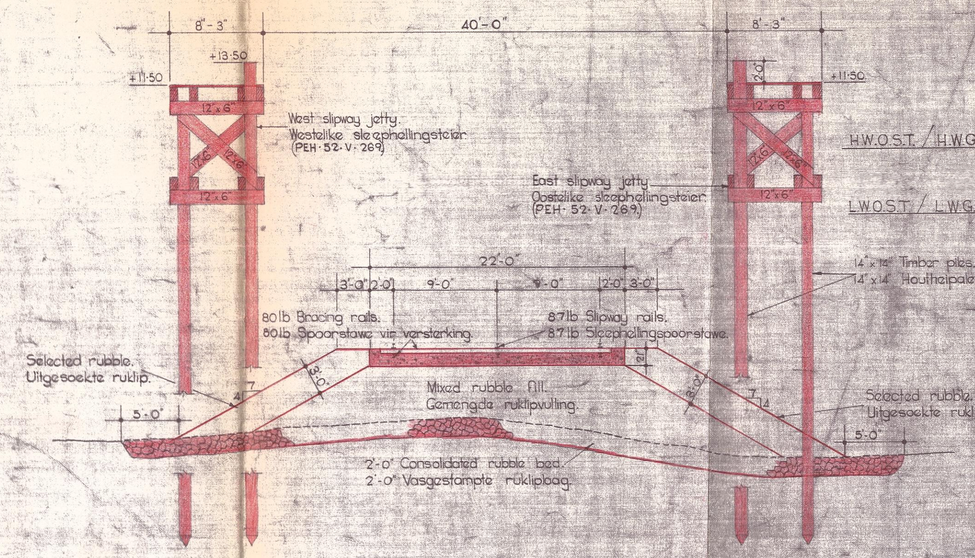
SECTION D-D DEURSNEE.

Scale 1" = 1'-0" Skaal.



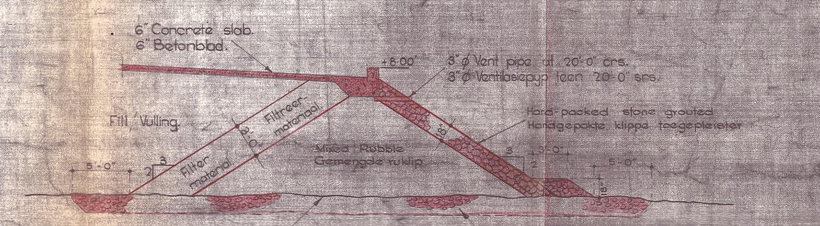
DETAIL X.

Scale 1/4" = 1'-0" Skaal.



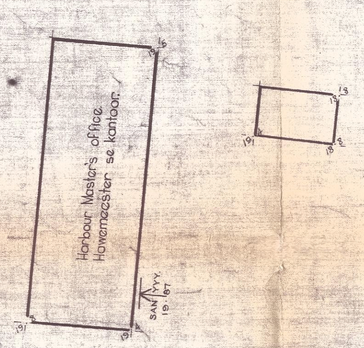
CROSS SECTION B-B DWARSDEURSNEE.

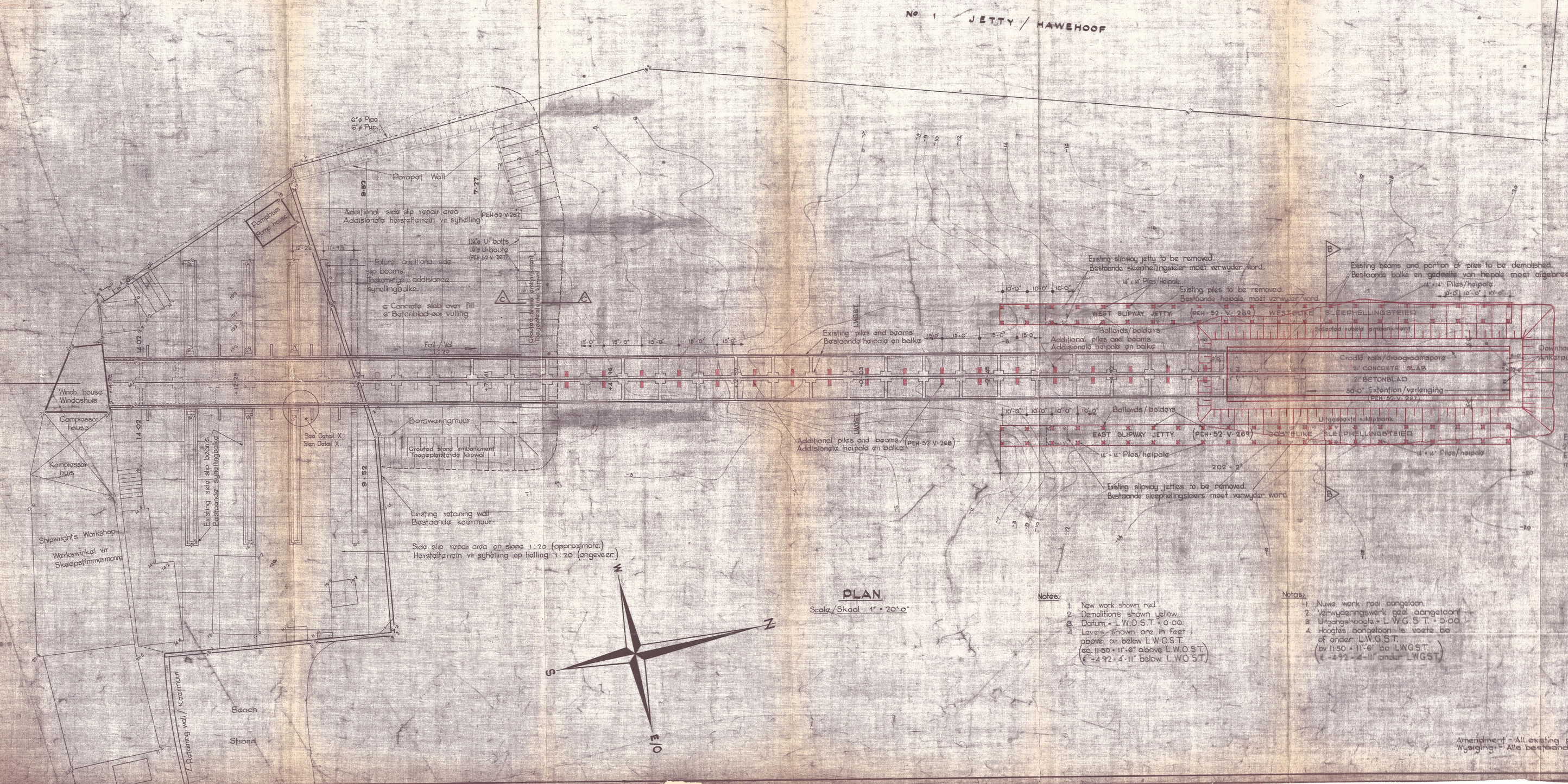
Scale 1" = 8'-0" Skaal.



CROSS SECTION C-C DWARSDEURSNEE.

Scale 1" = 8'-0" Skaal.





PLAN.

Scale / Skaal 1" = 20'-0"

Notes:

1. New work shown red.
2. Demolitions shown yellow.
3. Datum = L.W.O.S.T. + 0.00.
4. Levels shown are in feet above or below L.W.O.S.T. (e.g. 11.50 = 11'-6" above L.W.O.S.T. & -2.92 = 2'-11" below L.W.O.S.T.)

Notes:

1. Nuwe werk word aangetoon.
2. Verwyderingswerk word aangetoon.
3. Datum = L.W.O.S.T. + 0.00.
4. Hoogtes aangetoon is voet bo of onder L.W.O.S.T. (bv 11.50 = 11'-6" bo L.W.O.S.T. & -2.92 = 2'-11" onder L.W.O.S.T.)

Design data:

1. Slipway jetties.
   a. Vertical live load of 100 lbs/sq.ft.
   b. 2 ton pull on piles at deck level at an angle of 45° to the horizontal.
   c. Structure to be capable of absorbing 40% of berthing impact of a 500 ton displacement and to at a speed of approach of 2 ft/sec.
2. Additional supports for centre beams.
   a. Design load per pile bent = 50 ton (long).
   b. Design load per pile = 25 ton (long).
3. Extension to slipway.
   a. 6 ton/ft run for centre rail.
   b. 2 ton/ft run for outer rails.

Ontwerpdata:

1. Skeephellingsteiers.
   a. Vertikale bewegende lyn van 100 lb/v.v.
   b. Trek van 2 ton aan hiepele op dekhoogte teen 'n hoek van 45° met die horisontaal.
   c. Struktuur moet instaat wees om 40% van voermeer skok te absorbeer van 'n 500 ton (verplasing) boot teen 'n naderingspoed van 2 v/sek.
2. Bykomende stutte vir middelbalke.
   a. Ontwerpbelasting per hiepel bk. = 50 ton (lng).
   b. Ontwerpbelasting per hiepel = 25 ton (lng).
3. Verlenging van sleephelling.
   a. 6 ton/ft run vir sentre rail.
   b. 2 ton/ft run vir buite spoorstawe.

Amendment / All existing piles replaced by new piles.
Wysiging / Alle bestaande hiepele met nuwe hiepele vervang.

Mouton 6/1/1990

REFERENCE DRAWINGS / VERWYSINGSTEKENINGE.

DRAWING No. TEKENING Nr.	DESCRIPTION. BESKRYWING.
PEH-52-V-833	Site plan. Ligging plan.
PEH-52-V-267	Strengthening & extending slipway. Details of extension to slipway & repair area. Versterking & verlenging van sleephelling. Details van verlenging van sleephelling & herstelterrein.
PEH-52-V-269	Details of Slipway jetties. Details van sleephellingstelsels.
PEH-52-V-270	Strengthening & extending slipway. Reinforcing details of piles. Versterking & verlenging van sleephelling. Bewapening details van hiepele.

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

MOSSELBAAI HARBOUR / HAWE.

STRENGTHENING AND EXTENDING SLIPWAY. GENERAL LAYOUT.

VERSTERKING EN VERLENGING VAN SLEEPHELLING. ALGEMENE UITLEG.

System Harbour Engineer. Ardaingenieur-Ingenieur.

Date 16-9-1968 Datum

Scale	As shown / Soos getoon	Skaal	
File ref.	W.G.S./50/10	Lêêr verw.	
Date	9-7-1968	Datum	
Amendment	Wysiging		

No PEH 52 V 268

Drawn / Getekend	J.J.L.P.
Traced / Gedrukt	D.G.P.
Checked / Gekeur	H.J.B.
Approved	P.G.V.