

PIPE RACK 2 AND 7  
SCALE 1:50

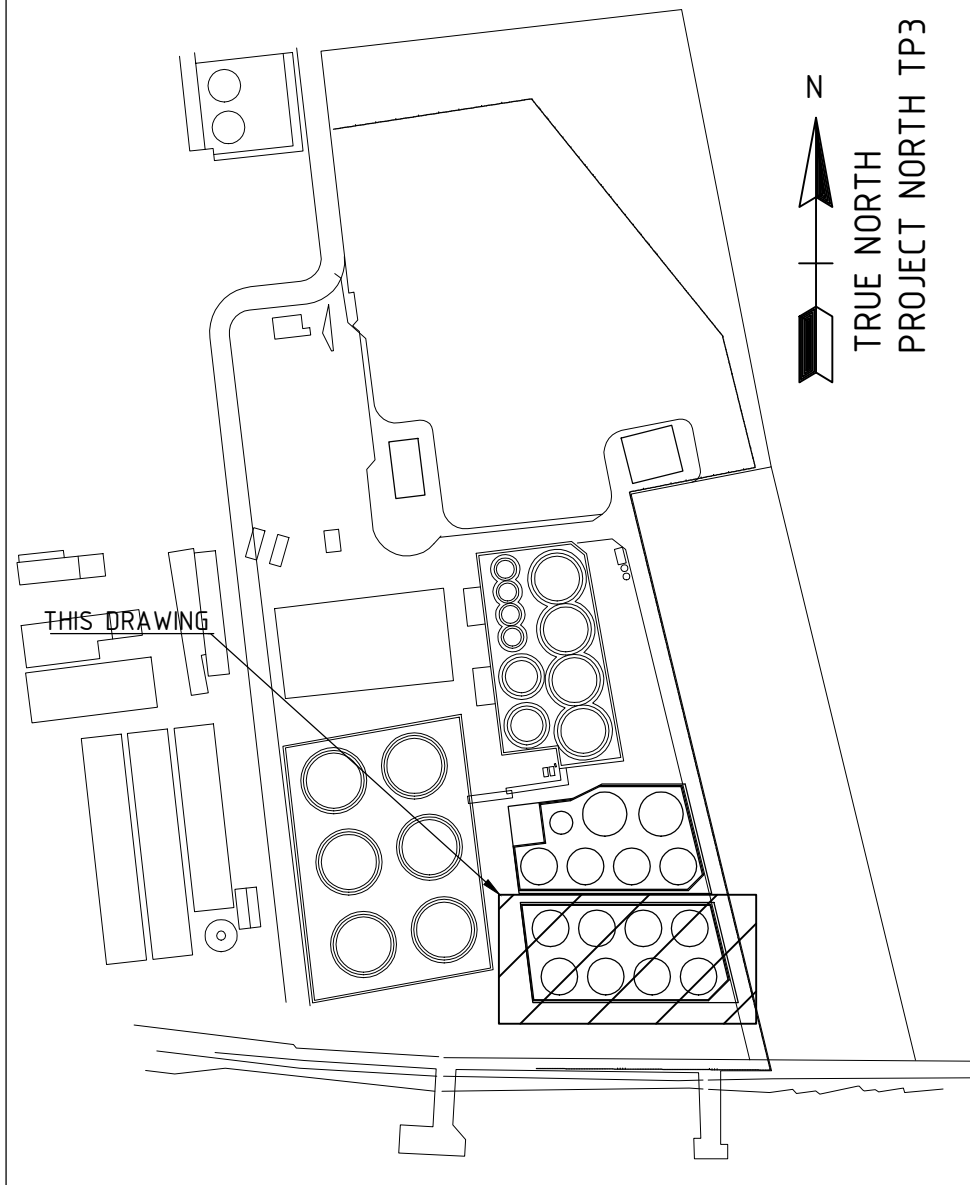
SLAB A, B, C AND D  
SCALE 1:50

CULVERT  
SCALE 1:50

PILING SCHEDULE (VIBRO PILES)				
PILE SIZE [mm]	PILE TOE LEVEL, N.A.P. [m]	CUT OFF LEVEL, N.A.P. [m]	LENGTH [m]	NO. OF PILES
Ø406/495	-16,000	+2,230	18,230	30
Ø406/495	-19,000	+2,230	21,230	8
Ø406/495	-20,000	+2,230	22,230	2
Ø406/495	-16,000	+2,155	18,155	34
Ø406/495	-20,000	+2,370	22,370	6

PILE		TYPE	PILE LOADS			
			DESIGN LOADS [kN] / [kNm]			
			VERT.	HOR.	TENSION	BENDING
PIPE RACK 2	201-236	TP3B-PR-2	350	35	30	25
PIPE RACK 7	721-724	TP3B-PR-1	175	25	50	25
SLABS A, B, C AND D	530-566	TP3B-S-1	350	35	-	-
CULVERT	93-98	TP3B-C-1	700	40	-	-

## SITUATION



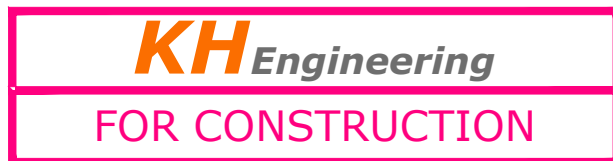
## GENERAL NOTES

- ALL DIMENSIONS IN MM
- ELEVATION IN M ACC. TO N.A.P.
- LOCAL ORIGIN (0,0):  
RD X= 81931091  
RD Y= 434864550  
ROTATION ANGLE: 0.00
- GEOTECHNICAL ADVICE:  
FOR GEOTECHNICAL REPORT AND CPT'S SEE  
GEOTECHNICAL ADVICE R48 Project nr. 2101015 Version 3.0  
TP03 NESTE TERMINAL VLAARDINGEN
- WORKING LEVEL= EL 3,250+ NAP
- EARTHING ROD Ø16 FeB220 TOTAL LENGTH OF PILE

- S-01 LOCATION CPT (CONE PENETRATION TEST) 2021
- 01 CPTU LOCATION CPTU (CONE PENETRATION TEST U) 2021
- BH-01 DRILLING HOLES
- 01 MONITORING WELL
- 01 LOCATION EXISTING CPT (CONE PENETRATION TEST)

## REFERENCES

- 2307-E40-DW-1432-0001 PILINGPLAN TANKPIT 3A TANKFOUNDATIONS
- 2307-E40-DW-1432-0002 PILINGPLAN TANKPIT 3B TANKFOUNDATIONS
- 2307-E40-DW-1432-0003 PILINGPLAN TANKPIT 3A PIPERACK, PUMPSLAB AND STARTOWER



3	11-09-2021	UPDATE FOUNDATION SLABS	LER	RW	RW	RE
2	03-08-2021	RELEASED FOR CONSTRUCTION	HAD	RW		
1	21-01-2021	GENERAL UPDATE	LER	RW		
0	07-01-2021	RELEASED FOR PILE CALCULATIONS	BRS	RW	RW	
REV.	DATE	DESCRIPTION	DRAWN	CHECK	APPD	
PROJECT : EXPANSION STORAGE CAPACITY						
CLIENT : NESTE						
TITLE : TANKPIT 3						
PILINGPLAN TANKPIT 3B - PIPE RACK AND CULVERT						
KH Engineering			RIV PROJ NR: 6885-002		SCALE	A0
			CLIENT PROJ NR: 2307		1:100	
			DRAWING NO: 2307-E40-DW-1432-0004		SHEET	3
					REV	