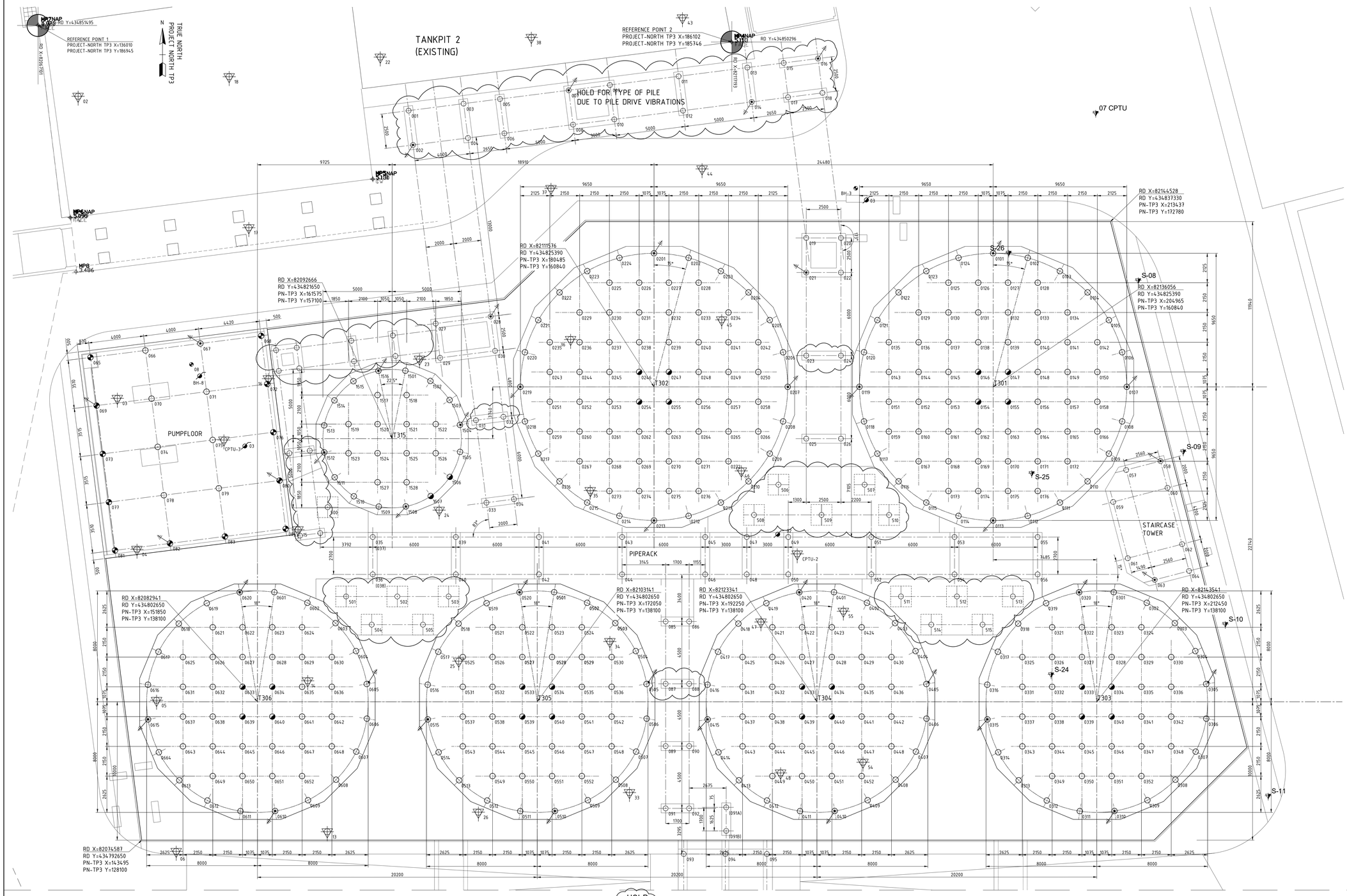
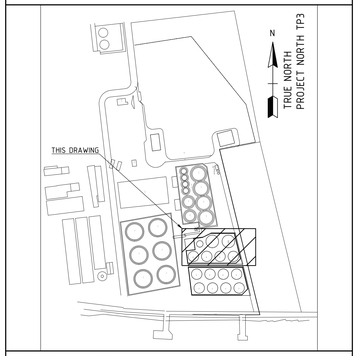


SITUATION



GENERAL NOTES

- ALL DIMENSIONS IN MM
- ELEVATION IN M ACC. TO N.A.P.

LOCAL ORIGIN (0,0):

RD X= 81.931.091
RD Y= 434.664.550
ROTATION ANGLE: 0,00

GEOTECHNIDCAL ADVICE:
FOR GEOTECHNICAL REPORT AND CPT's SEE
GEOTECHNICAL ADVICE RvB Project nr. 2101015 Version 2.0
TP03 NESTE TERMINAL VLAARDINGEN

WORKING LEVEL= EL 3,250+ NAP

EARTHING ROD Φ19 FeB220 TOTAL LENGHT OF PILE

HOLD FOR NUMBER AND LOCATION OF PILES OF PIPERACK

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 SH02 PILING PLAN TANKPIT 3B

PILE LOADING TABLE VIBRO PILES TANKFOUNDATIONS

PILE	QUANTITIES	TANK NR.	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕ ◐	152	T301 & T302	0101-0176 0201-0276	Φ406/495	-22,5M	+2,40M /+2.10M	1300	0	10
⊕ ◐	208	T303-T306	0301-0352 0401-0452 0501-0552 0601-0652	Φ406/495	-25,0M	+2,40M/ +2,10M	1800	0	25
⊕ ◐	28	T315	1501-1528	Φ406/495	-22,0M	+2,40M /+2.20M	1100	0	15

◐ CUT-OFF ELEV.
+2,10M/ +2,20M

PILE LOADING TABLE VIBRO PILES PUMPFLOOR

PILE	QUANTITIES	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕ ◐	20	065-084	Φ406/495	-21,0M	+3,05M/+2,33M	700	20	20

◐ CUT-OFF ELEV.
+2,33M

PILE LOADING TABLE VIBRO PILES STAIRCASE TOWER

PILE	QUANTITIES	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕	8	057-064	Φ406/456	-21,0M	+2,13M	550	200	65

HOLD

PILE LOADING TABLE VIBRO PILES PIPERACK

PILE	QUANTITIES	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕	8	001-018	Φ406/495	-19,0M	+2,23M	225	30	35

PILE LOADING TABLE VIBRO PILES PIPERACK

PILE	QUANTITIES	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕	8	019-022 027-030	Φ406/465	-19,0M	+2,23M	300	100	35
⊕	12	023-026 031-034 085-088	Φ406/495	-16,0M	+2,23M	175	50	25
⊕	2	035-036	Φ406/495	-17,0M	+2,23M	350	30	35
⊕	20	037-056	Φ406/495	-16,0M	+2,23M	350	30	65
⊕	4	088-092	Φ406/495	-17,0M	+2,23M	175	50	25

PILE LOADING TABLE VIBRO PILES SLABS

PILE	QUANTITIES	PILE NR.	PILE DIMENSION	TIP ELEVATION (ACC.TO NAP)	CUT-OFF ELEV. (ACC. TO NAP)	LOADS (ULS) COMPRESSION (kN)	TENSION (kN)	SHEAR (kN)
⊕	1	500	Φ406/495	-17,0M	+2,33M	350	0	35
⊕	16	501-515	Φ406/495	-16,0M	+2,33M	350	0	35

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REV.	DATE	DESCRIPTION	DRAWN	CHECK	APP'D
0	07-07-2021	RELEASED FOR PILE CALCULATIONS	BRS	RIW	RIW

PROJECT : EXPANSION STORAGE CAPACITY
CLIENT : NESTE
TITLE : TANKPIT 3
PILINGPLAN TANKPIT 3A

KH Engineering
KH PROJ No : 68685-002
CLIENT PROJ No : 2307
DRAWING No : 2307-E40-DW-1432-0001
SCALE 1:100
SHEET 01
REV. 0
A0