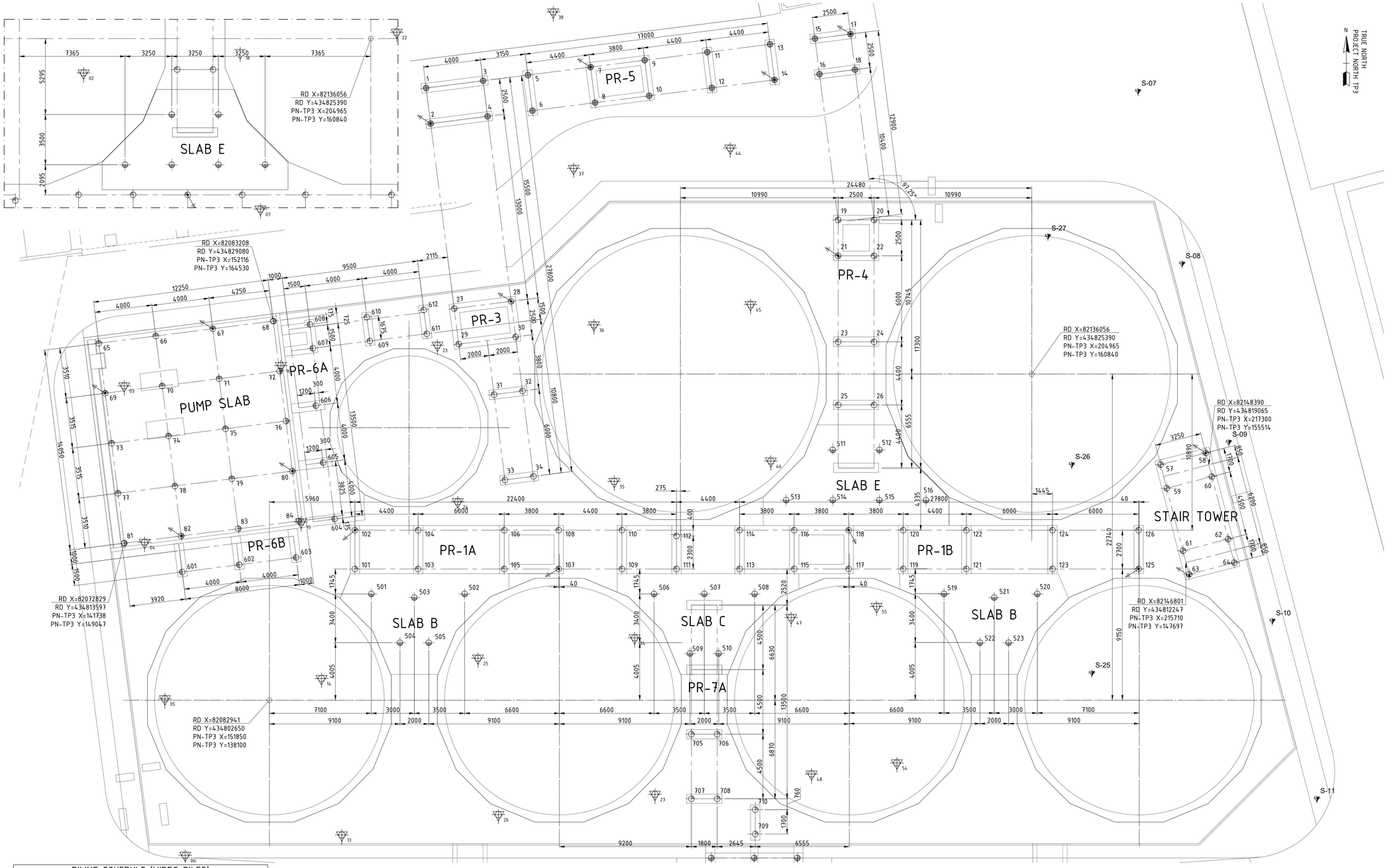


PILING SCHEDULE (VIBRO PILES)

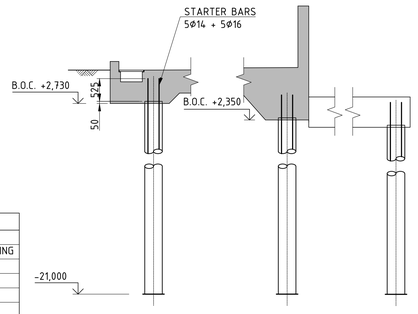
	PILE SIZE [mm]	PILE TOE LEVEL, N.A.P. [m]	CUT OFF LEVEL, N.A.P. [m]	LENGTH [m]	NO. OF PILES
⊕	Ø406/495	-16,000	+2,230	18,230	36
⊕	Ø406/495	-17,000	+2,230	19,230	8
⊕	Ø406/456	-19,000	+2,130	21,130	8
⊕	Ø406/456	-21,000	+1,580	22,580	8
⊕	Ø406/495	-21,000	+2.780	23,780	12
⊕	Ø406/495	-21,000	+2,400	23,400	8
⊕	Ø406/495	-21,000	+2,230	23,230	8
⊕	Ø406/495	-16,000	+2,155	18,155	21

PILING SCHEDULE (TUBEX PILES)

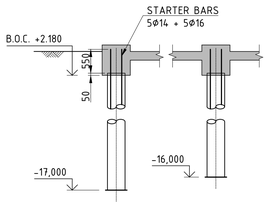
	PILE SIZE [mm]	PILE TOE LEVEL, N.A.P. [m]	CUT OFF LEVEL, N.A.P. [m]	LENGTH [m]	NO. OF PILES
⊕	Ø273/493	-22,000	+3,000 5	24,230	18

PILE LOADS

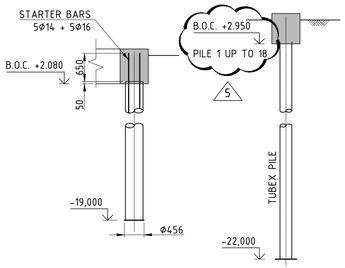
PILE		TYPE	DESIGN LOADS [kN] / [kNm]			
			VERT.	HOR.	TENSION	BENDING
PUMP SLAB	65-84	TP3A-PF-1	700	20	20	-
PIPE RACK 1	101-126 (35-56)	TP3A-PR-2	350	35	30	25
PIPE RACK 3 & 4	19-22 & 27-30	TP3A-PR-5	300	35	100	-
	23-26 & 31-34	TP3A-PR-4	175	25	50	25
	1-4 & 15-18	TP3A-PR-1	225	35	30	25
PIPE RACK 5	5-14	TP3A-PR-1	225	35	30	25
PIPE RACK 6	601-612	TP3A-PF-1	700	20	30	25
PIPE RACK 7	705-710 (85-92)	TP3A-PR-4	175	25	50	25
SLABS B, C AND E	501-523	TP3A-S-1	350	35	-	-
STAIR TOWER	57-64	TP3A-SCT-1	600	50	255 5	-



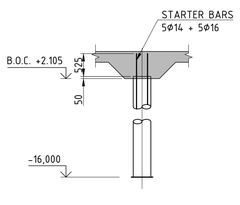
PUMP SLAB
SCALE 1:20



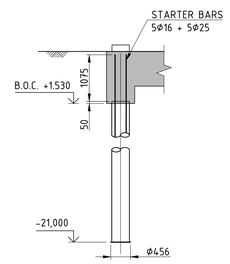
PIPE RACK 1, 3, 4, 6 AND 7
SCALE 1:20



PIPE RACK 3, 4 AND 5
SCALE 1:20

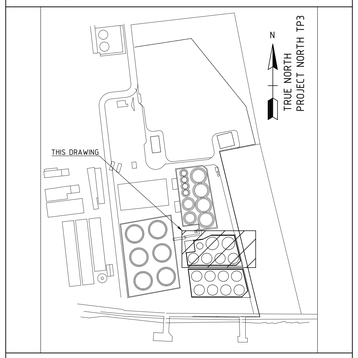


SLAB B, C AND E
SCALE 1:20



STAIR TOWER
SCALE 1:20

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

GEOTECHNICAL ADVICE:
FOR GEOTECHNICAL REPORT AND CPT's SEE
GEOTECHNICAL ADVICE RvB Project nr. 2101015 Version 3.0
TP03 NESTE TERMINAL VLAARDINGEN

WORKING LEVEL= EL 3,250+ NAP

EARTHING ROD Ø16 FeB220 TOTAL LENGHT 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-1432-0004	PILINGPLAN TANKPIT 3B PIPERACK AND CULVERT

KH Engineering
FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	DRAWN	CHECK	APP'D
4	17-8-2021	UPDATED FOUNDATION SLABS	LER	RW	RW
3	06-08-2021	UPDATE STAIR TOWER	LER	RW	RW
2	03-08-2021	RELEASED FOR CONSTRUCTION	HAD	RW	RW
5	06-09-2021	STAIRTOWER LOADS ADJUSTED, CUT-OFF LEVEL REVISED	LER	RW	RW
0	07-07-2021	RELEASED FOR PILE CALCULATIONS	BRS	RW	RW

PROJECT : EXPANSION STORAGE CAPACITY
CLIENT : NESTE
TITLE : TANKPIT 3
PILINGPLAN TP 3A - PIPE RACK, PUMP SLAB AND STAIR TOWER

KH Engineering
KH PROJ No : 68685-002
CLIENT PROJ No : 2307
DRAWING No : 2307-E40-DW-1432-0003
SCALE 1:100
SHEET : 1
REV. 5
A0