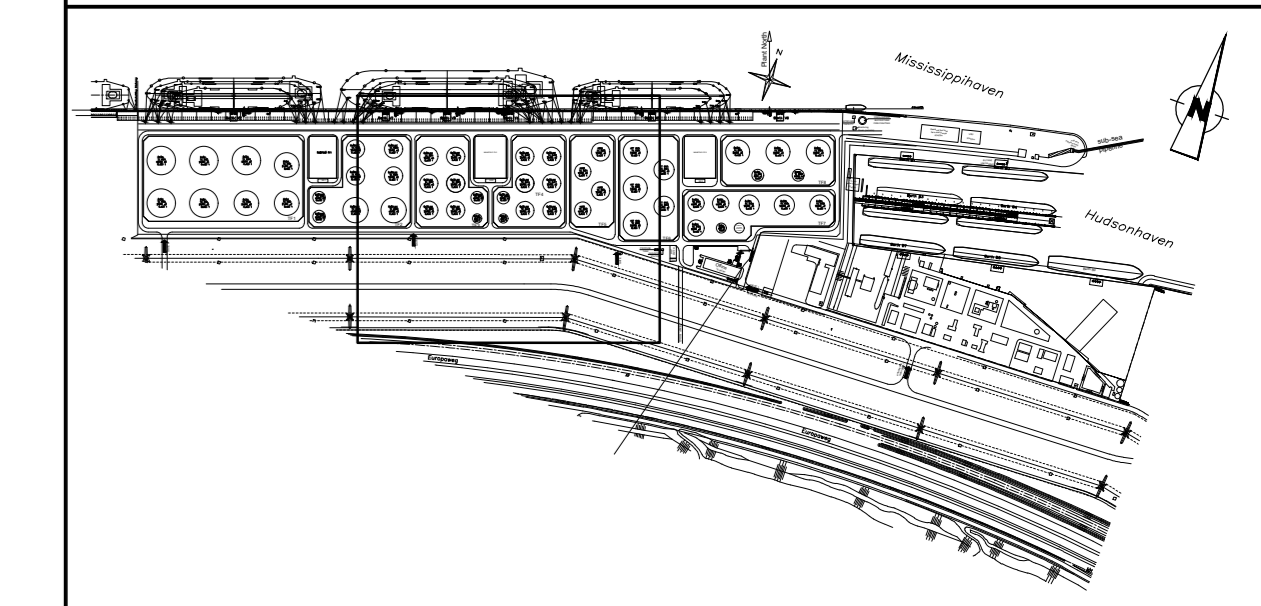


**KEY-PLAN**



**GENERAL NOTES**

- ALL DIMENSIONS IN MM  
 - ELEVATION IN M ACC. TO N.A.P.  
 FOR COATING AND PAINTING STANDPIPE / INDICATOR SEE PAINTING SPECIFICATION

**LEGEND**

- CLEAN WATER SEWER (HDPE)
- FOUL WATER SEWER (HDPE)
- FOUL WATER PRESSURE LINE (HDPE)
- FOUL WATER INTERMEDIATE BUFFER LINE (HDPE)
- FLOW DIRECTION
- MANHOLE 1400x1400mm WITH CAST IRON COVER (D400)
- VALVE NORMALLY CLOSED
- UNDERGROUND VALVE WITH INDICATOR POST
- GATE VALVE KENNEDY 7701 WITH P.1 PLATE PN16
- INDICATOR POST KENNEDY FIG. 2945A (OR EQUAL) BODY CAST IRON ASTM A126 CLASS B
- SLUICE GATE
- STREET GULLY 300x450 WHERE INDICATED
- LP2 CLEAN WATER DISCHARGE POINT (ZI)
- CHECK VALVE
- SUBMERGED SEWER PUMP (25 m3/h)
- STREET GULLY FOR GROUND SEEPAGE
- I.T. INSIDE TOP

**REFERENCE DRAWINGS**

HHTT-KH-016305	UNDERGROUND ROAD SECTIONS PART 1
HHTT-KH-016306	UNDERGROUND ROAD SECTIONS PART 2
HHTT-KH-016307	UNDERGROUND ROAD SECTIONS PART 3
HHTT-KH-016311	UNDERGROUND GENERAL SEWER LAYOUT PART 1
HHTT-KH-016312	UNDERGROUND GENERAL SEWER LAYOUT PART 2
HHTT-KH-016313	UNDERGROUND GENERAL SEWER LAYOUT PART 3
HHTT-KH-016316	UNDERGROUND GENERAL SEWER LAYOUT PART 4
HHTT-KH-016315	UNDERGROUND SEWER DETAILS 1
HHTT-KH-016316	UNDERGROUND SEWER DETAILS 2
HHTT-KH-016317	CLEAN AND FOUL WATER SUMPS

RELEASED FOR DETAIL DESIGN

**KH Engineering** 67620-D-14-16-1100-352

HES  
 HES Harstel Tank Terminal  
 Released for Detail Design  
 16 October 2019  
 HHTT Document Control

REV.	DATE	DESCRIPTION	DRAWN	CHECK	APP'D
2	11-10-2019	REFERENCES ADDED	BRS	RIW	PIW
1	15-10-2019	REVISED AS INDICATED	EPK	RIW	PIW
0	05-01-2019	FOR DETAIL DESIGN	EPA	RIW	RIW

PROJECT: HHTT  
 CLIENT: HES Harstel Tank Terminal B.V.  
 TITLE: GENERAL LAY OUT UNDERGROUND CLEAN WATER SEWER LAYOUT (PART 2)  
 PROJ. No.: 67620-001  
 CLIENT PROJ. No.:  
 DRAWING No.: HHTT-KH-016352

SCALE: 1:500  
 SHEET: 1/1  
 REV: 2