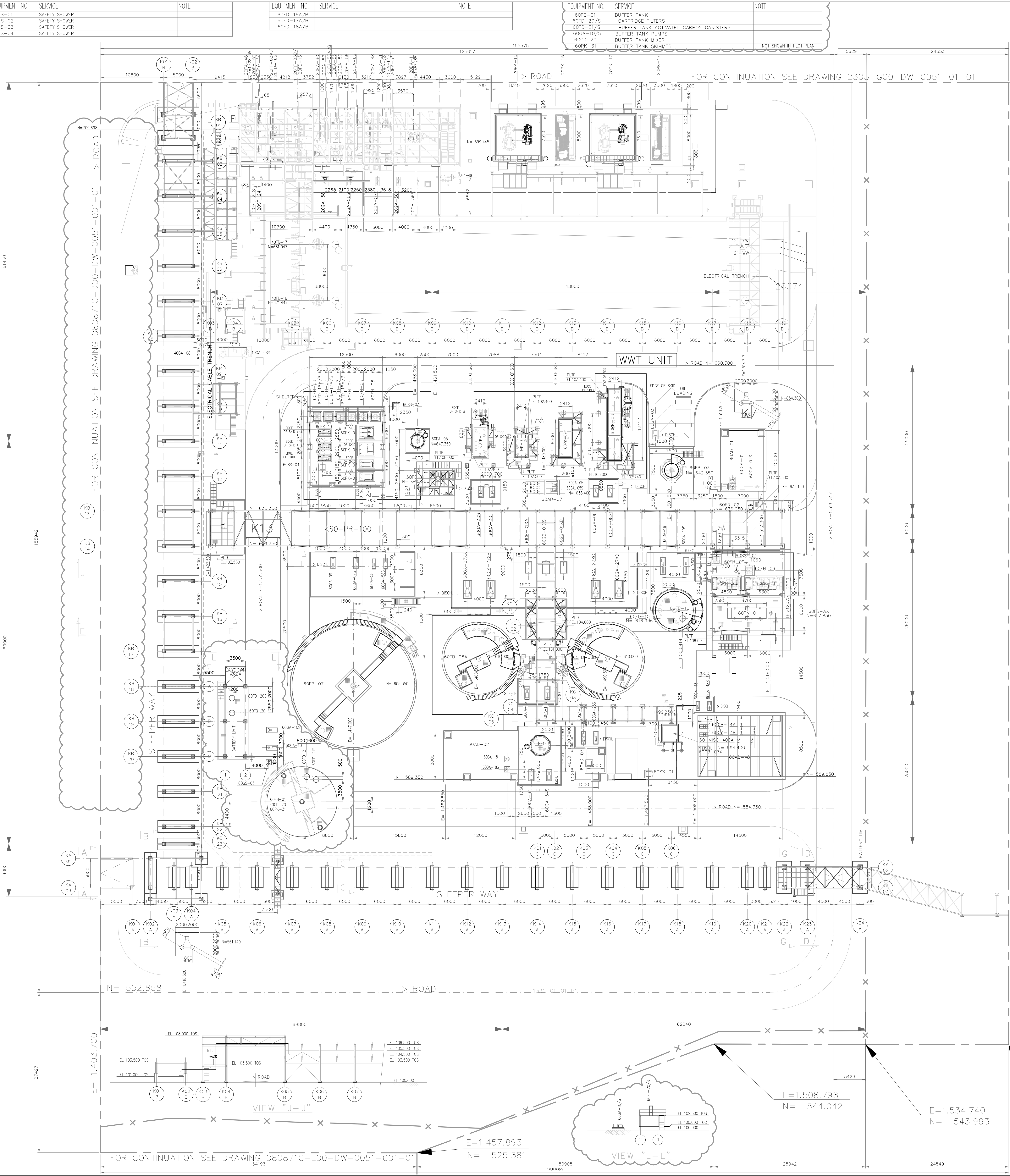


EQUIPMENT NO.	SERVICE	NOTE	EQUIPMENT NO.	SERVICE	NOTE
60AD-01	Influent Sump		60SS-01	SAFETY SHOWER	
60AD-02	Effluent Holding Sump		60SS-02	SAFETY SHOWER	
60AD-03	Filtrate water tank		60SS-03	SAFETY SHOWER	
60AD-07	Sludge Sump		60SS-04	SAFETY SHOWER	
60AD-48	WWT STORM WATER Sump				
60EB-07A	Equalization Tank Heating Coil	INSIDE 60FB-07			
60EB-07B	Equalization Tank Heating Coil	INSIDE 60FB-07			
60EB-08	Stop Oil Tank Heating Coil	INSIDE 60FB-03			
60EB-14	Sludge holding tank Coil	INSIDE 60FB-10			
60EE-01X	PAC INJECTION PACKAGE EJECTOR	INSIDE 60FB-22			
60FA-03XA	Belt Press Polymer Feed Drum	INSIDE 60PK-01			
60FA-03XB	Belt Press Polymer Feed Drum	INSIDE 60PK-01			
60FA-04X	Storm Water DAF Saturation Vessel	INSIDE 60PK-11			
60FA-05	NaOH Drum				
60FA-08X	Dissolved Air Flotation Saturation Vessel	INSIDE 60PK-03			
60FA-09X	SBR POLYMER FEED DRUM	INSIDE 60PK-23			
60FA-10X	SODIUM HYPOCHLORIDE STORAGE DRUM	INSIDE 60PK-24			
60FB-02X	CPI Tank	INSIDE 60PK-09			
60FB-03	Stop Oil Tank				
60FB-05X	Dissolved Air Flotation tank	INSIDE 60PK-03			
60FB-07	Equalization tank				
60FB-08A	SBR Tank				
60FB-08B	SBR Tank				
60FB-10	SLUDGE HOLDING TANK				
60FB-14X	Storm Water DAF Tank	INSIDE 60PK-11			
60FB-15X	Storm Water CPI Tank	INSIDE 60PK-10			
60FB-16X	PAC INJECTION SLO	INSIDE 60PK-22			
60FB-17X	BELT PRESS FEED TANK	INSIDE 60PV-01			
60FB-18X	SAND FILTRATION TANK	INSIDE 60PK-12			
60FB-19	FILTRATED WATER TANK				
60FD-01	DEOLING SYSTEM Activated Carbon Canister				
60FD-02	Influent Sump Activated Carbon Canister				
60FD-10	SLUDGE HOLDING TANK Activated Carbon Canister				
60FD-11X	PAC INJECTION BAG FILTER	INSIDE 60PK-22			
60FD-12XA	SBR BLOWER FILTER	INSIDE 60PK-21			
60FD-12XB	SBR BLOWER FILTER	INSIDE 60PK-21			
60FD-12XS	SBR BLOWER FILTER - SPARE	INSIDE 60PK-21			
60FD-13X	SAND FILTER AERATION BLOWERS FILTERS	INSIDE 60PK-12			
60FD-13XS	SAND FILTER AERATION BLOWERS FILTERS	INSIDE 60PK-12			
60FE-01X	PAC INJECTION PACKAGE HOPPER	INSIDE 60PK-22			
60FE-02X	PAC INJECTION PACKAGE CONE	INSIDE 60PK-22			
60FH-02	Coagulant Portable Drum				
60FH-03	Polymer Portable Drum				
60FH-04	Phosphoric Acid Isocontainer				
60FH-05	Urea Isocontainer				
60FH-06	Polymer Portable Drum				
60FH-07	Polymer Portable Drum				
60FH-08	Quadratic Acid Portable Drum				
60FH-09	SBR POLYMER STORAGE TANK				
60GA-01	Influent Sump Pump	INSIDE 60AD-01			
60GA-01S	Influent Sump Pump - SPARE	INSIDE 60AD-01			
60GA-03	Stop Oil Pump				
60GA-05	Sludge Sump Pump	INSIDE 60AD-07			
60GA-05S	Sludge Sump Pump - SPARE	INSIDE 60AD-07			
60GA-06X	Dissolved Air Flotation Pump	INSIDE 60PK-03			
60GA-06XS	Dissolved Air Flotation Pump - SPARE	INSIDE 60PK-03			
60GA-08	Dissolved Air Flotation Transfer Pump				
60GA-08S	Dissolved Air Flotation Transfer Pump - SPARE				
60GA-09	Equalization Basin P/A Pump				
60GA-09S	Equalization Basin P/A Pump - SPARE				
60GA-11XA	NaOH metering Pump	INSIDE 60PK-04			
60GA-11XB	NaOH metering Pump	INSIDE 60PK-04			
60GA-11XS	NaOH metering Pump - SPARE	INSIDE 60PK-04			
60GA-12XA	H2SO4 Metering Pump	INSIDE 60PK-05			
60GA-12XB	H2SO4 Metering Pump	INSIDE 60PK-05			
60GA-12XS	H2SO4 Metering Pump - SPARE	INSIDE 60PK-05			
60GA-14X	Urea Dosing Pump	INSIDE 60PK-07			
60GA-14XS	Urea Dosing Pump - SPARE	INSIDE 60PK-07			
60GA-15X	Phosphoric Acid Dosing Pump	INSIDE 60PK-08			
60GA-16	SBR Sludge Pump				
60GA-16S	SBR Sludge Pump - SPARE				
60GA-18	Filtrated Feed Pump	INSIDE 60AD-02			
60GA-18S	Filtrated Feed Pump - SPARE	INSIDE 60AD-02			
60GA-19	Belt Press Feed Pump				
60GA-19S	Belt Press Feed Pump - SPARE				
60GA-25	TREATED WASTE WATER PUMP				
60GA-25S	TREATED WASTE WATER PUMP - SPARE				
60GA-27XA	Jet Motive Liquid Pump	INSIDE 60PK-21			
60GA-27XB	Jet Motive Liquid Pump	INSIDE 60PK-21			
60GA-27XC	Jet Motive Liquid Pump	INSIDE 60PK-21			
60GA-27XD	Jet Motive Liquid Pump	INSIDE 60PK-21			
60GA-30	Storm Water DAF Transfer Pump				
60GA-30S	Storm Water DAF Transfer Pump				
60GA-36X	Polymer Feed Pump	INSIDE 60PK-17			
60GA-36XS	Polymer Feed Pump - SPARE	INSIDE 60PK-17			
60GA-37X	Coagulant Feed Pump	INSIDE 60PK-16			
60GA-37XS	Coagulant Feed Pump - SPARE	INSIDE 60PK-16			
60GA-38X	Belt Press Polymer Unloading Pump	INSIDE 60PK-01			
60GA-38XS	Belt Press Polymer Unloading Pump - SPARE	INSIDE 60PK-01			
60GA-39X	Belt Press Polymer Feed Pump	INSIDE 60PK-01			
60GA-39XS	Belt Press Polymer Feed Pump - SPARE	INSIDE 60PK-01			
60GA-44A	WWT STORM WATER SUMP EMPTYING PUMP	INSIDE 60AD-48			
60GA-44B	WWT STORM WATER SUMP EMPTYING PUMP - SPARE	INSIDE 60AD-48			
60GA-48	WWT STORM WATER SUMP PUMP				
60GA-48S	WWT STORM WATER SUMP PUMP - SPARE				
60GA-51X	Storm Water Polymer Feed Pump	INSIDE 60PK-13			
60GA-51XS	Storm Water Polymer Feed Pump - SPARE	INSIDE 60PK-13			
60GA-52X	Storm Water DAF Pump	INSIDE 60PK-11			
60GA-52XS	Storm Water DAF Pump - SPARE	INSIDE 60PK-11			
60GA-56X	BACKWASH PUMP	INSIDE 60PK-12			
60GA-56XS	BACKWASH PUMP	INSIDE 60PK-12			
60GA-57X	MUDWELL PUMP	INSIDE 60PK-12			
60GA-57XS	MUDWELL PUMP	INSIDE 60PK-12			
60GA-58X	PAC INJECTION PUMP				
60GA-58XS	PAC INJECTION PUMP				
60GA-59X	SBR POLYMER FEED PUMP	INSIDE 60PK-23			
60GA-59XS	SBR POLYMER FEED PUMP	INSIDE 60PK-23			
60GA-60X	SBR POLYMER UNLOADING PUMP	INSIDE 60PK-23			
60GA-60XS	SBR POLYMER UNLOADING PUMP	INSIDE 60PK-23			
60GA-61X	SODIUM HYPOCHLORIDE DOSING PUMP	INSIDE 60PK-24			
60GA-64	BELT PRESS WASH WATER PUMP				
60GA-64S	BELT PRESS WASH WATER PUMP - SPARE				
60GB-03X	Sand filter aeration blower	INSIDE 60PK-12			
60GB-03XS	Sand filter aeration blower	INSIDE 60PK-12			
60GB-01XA	SBR Blower	INSIDE 60PK-21			
60GB-01XB	SBR Blower	INSIDE 60PK-21			
60GB-01XS	SBR Blower - SPARE	INSIDE 60PK-21			
60GD-02	Equalization Tank Mixer	INSIDE 60FB-07			
60GD-05XA	Dissolved Air Flotation Mixer	INSIDE 60PK-03			
60GD-05XB	Dissolved Air Flotation Mixer	INSIDE 60PK-03			
60GD-08XA	Belt Press Polymer Feed Drum Mixer	INSIDE 60PK-01			
60GD-08XB	Belt Press Polymer Feed Drum Mixer	INSIDE 60PK-01			
60GD-10X	Storm Water DAF Mixer	INSIDE 60PK-11			
60GD-11	SLUDGE HOLDING TANK MIXER	INSIDE 60FB-10			
60GD-12X	SBR POLYMER FEED DRUM ELECTRIC MIXER	INSIDE 60PK-23			
60GD-13X	BELT PRESS FEED TANK MIXER	INSIDE 60PV-01			
60GD-15X	POLYMER STORAGE TANK MIXER				
60GD-16X	SBR POLYMER STORAGE TANK ELECTRIC MIXER	INSIDE 60PK-23			
60GD-17X	BELT PRESS POLYMER STORAGE TANK MIXER				
60GX-01XA	NOISE ENCLOSURE VENTILATION SBR BLOWER	INSIDE 60PK-21			
60GX-01XB	NOISE ENCLOSURE VENTILATION SBR BLOWER	INSIDE 60PK-21			
60GX-01XS	NOISE ENCLOSURE VENTILATION SBR BLOWER	INSIDE 60PK-21			
60GX-02X	PAC FEEDER	INSIDE 60PK-22			
60GX-03X	PAC HOMOGENIZER				
60PA-01	Static Mixer	PNP (ELT - NOT SHOWN)			
60PA-03X	Static Mixer	INSIDE 60PK-17			
60PA-04X	Static Mixer	INSIDE 60PK-01			
60PA-05X	Static Mixer	INSIDE 60PK-23			
60PA-06XA	SBR BLOWER OUTLET SILENCER				
60PA-06XB	SBR BLOWER OUTLET SILENCER				
60PA-06XS	SBR BLOWER OUTLET SILENCER				
60PK-01	Belt Press Polymer Dosing Package				
60PK-03	Dissolved Air Flotation Package				
60PK-04	NaOH Dosing Package				
60PK-05	H2SO4 Dosing Package				
60PK-07	Urea Dosing Package				
60PK-08	Phosphoric Acid Dosing System				
60PK-09	CPI package				
60PK-10	Stormwater CPI Package				
60PK-11	Storm Water DAF Package				
60PK-12	Final Filtration Package				
60PK-13	Storm Water Polymer Dosing Package				
60PK-16	Coagulant Dosing Package				
60PK-17	Polymer Dosing Package				
60PK-18	Oil Skimmer	INSIDE 60FB-07			
60PK-21	SBR Package				
60PK-22	PAC INJECTION SYSTEM				
60PK-23	SBR POLYMER DOSING PACKAGE	INSIDE 60PK-12			
60PK-24	SODIUM HYPOCHLORIDE DOSING SYSTEM				
60PP-02X	Dissolved Air Flotation Scraper	INSIDE 60PK-03			
60PP-04X	Storm Water DAF Scum Scraper	INSIDE 60PK-11			
60PV-01	Sludge Belt Press				
60PX-01XA	SBR floating deaerator	INSIDE 60PK-21			
60PX-01XB	SBR floating deaerator	INSIDE 60PK-21			
60PX-02XA	SBR Air Diffuser System	INSIDE 60PK-21			
60PX-02XB	SBR Air Diffuser System	INSIDE 60PK-21			



GENERAL NOTES

- COORDINATES ARE REFERRED TO PLANT NORTH. THE ORIGIN OF THE SYSTEM IS THE OUTER NORTH-WEST CORNER OF THE PLANT (N=443093 / E=62009) CORRESPONDING TO N=1000.000 / E=1000.000
- ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETERS AND 360° DEGREES CIRCLE UNLESS OTHERWISE INDICATED
- ALL COORDINATES ARE IN METERS
- THE ELEVATION 100.000 CORRESPONDS TO (HIGHT POINT OF PAVING) AND IS EQUIVALENT +5.20 m. N.A.P.
- T.L. TANGENT LINE EQUIPMENT
> TOP OF CONCRETE
> CENTER LINE
> TOP OF STEEL
H.P.P. HIGHEST PAVING POINT
EL. ELEVATION
F.S. FIXED SADDLE
- DENOTES BOUNDARY LIMIT
- X-X- DENOTES FENCE LIMIT
- DENOTES ZONE LIMIT
- DENOTES AREA LIMIT
- PREVAILING WIND DIRECTION SOUTH WEST
- DENOTES ROAD CROSSING
- DENOTES LIGHTING TOWER
- DENOTES AREA PILES
- DENOTES UPGRADING FOR PROJ.080871C

THIS DRAWING

KEY PLAN

080871C-000-DW-1331-001-01	REFINERY GENERAL KEY PLAN				
080871C-000-DW-0051-005-01	REFINERY GENERAL PLOT PLAN				
Drawing No	DESCRIPTION				
REFERENCE DRAWINGS					
CONFIDENTIAL					
1	14-JAN-2021	ISSUED FOR PERMITTING	SOLUANN	WILKXON	LAITKAL
D	20-NOV-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIANO	AD WESTERLOO
C	01-OCT-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIANO	AD WESTERLOO
B	3-MAY-2020	ISSUED FOR BASIC OF DESIGN	MPALLINI	F.MARCIANO	BAKOW/LOOZING
A	9-MAR-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIANO	BAKOW/LOOZING
REV	DATE	DESCRIPTION	PREP	CKD	APPR/AUTH

NESTE

ROTTERDAM SITE DEVELOPMENT
DEFINITION PHASE
NESTE
ZONE "K"

DETAILED PLOT PLAN AND ELEVATIONS

SCALE	Drawing No	Page	Rev.		
1:250	080871C K00 DW 00 51 001	1 of 1	1		
Project	Unit	Doc.Type	Disc	Subj	Ser.No
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2305	K00	DW	00	51	01
Project	Unit	Doc.Type	Disc	Subj	Ser.No