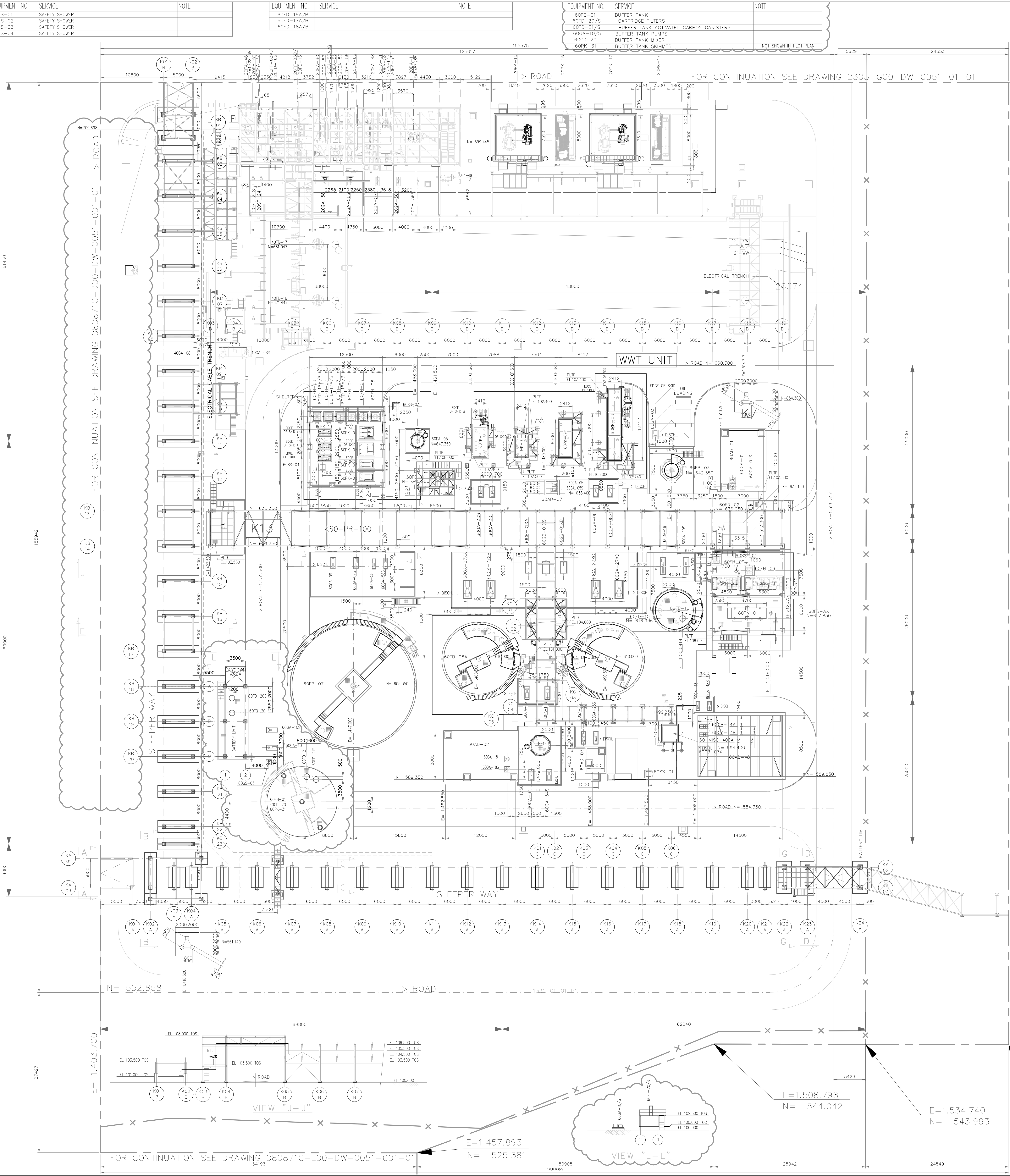


EQUIPMENT NO.	SERVICE	NOTE	EQUIPMENT NO.	SERVICE	NOTE
60A0-01	Influent Sump		60SS-01	SAFETY SHOWER	
60A0-02	Effluent Holding Sump		60SS-02	SAFETY SHOWER	
60A0-03	Filtrate water tank		60SS-03	SAFETY SHOWER	
60A0-07	Sludge Sump		60SS-04	SAFETY SHOWER	
60A0-48	WWT STORM WATER Sump				
60EB-07A	Equalization 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 Isocanister				
60FH-05	Urea Isocanister				
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	Dissolved Air Flotation 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	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	PNING LOT- 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

6. ———— DENOTES BOUNDARY LIMIT

7. — X — X — DENOTES FENCE LIMIT

8. ———— DENOTES ZONE LIMIT

9. ———— DENOTES AREA LIMIT

10. PREVALING WIND DIRECTION SOUTH WEST

11. DENOTES ROAD CROSSING

12. DENOTES LIGHTING TOWER

13. ———— DENOTES AREA PILES

14. 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	WILKSON	LAITKAL
D	20-NOV-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIONO	AD WESTERLOO
C	01-OCT-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIONO	AD WESTERLOO
B	3-MAY-2020	ISSUED FOR BASIC OF DESIGN	MPALLINI	F.MARCIONO	BAKOW/LOOZING
A	9-MAR-2020	ISSUED FOR REVIEW	MPALLINI	F.MARCIONO	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	1 of 1	
Project	Unit Doc.Type Disc Subj Ser.No		