



AS BUILT

EQUIPMENT LIST			EQUIPMENT LIST		
EQUIP. No.	DESCRIPTION	ELEVATION	EQUIP. No.	DESCRIPTION	ELEVATION
113-G-001	PROCESS WATER PUMP	U/S BASEPLATE EL.101.200	000-D-001	CLOSED DRAIN DRUM	C/L EL. HOLD
113-G-002	PROCESS WATER PUMP	U/S BASEPLATE EL.101.200	000-G-001	CLOSED DRAIN PUMP	---
113-G-003	PROCESS WATER PUMP	U/S BASEPLATE EL.101.270	000-G-002	CLOSED DRAIN DRUM PUMP	---
114-F-001	POTABLE WATER STORAGE TANK	POS. EL.101.350	000-G-017	STORM WATER SUMP PUMP	---
114-G-001	POTABLE WATER PUMP	U/S BASEPLATE EL.101.200	000-G-018	STORM WATER SUMP PUMP	---
114-G-002	POTABLE WATER PUMP	U/S BASEPLATE EL.101.200	000-G-026	LAB. CONTAMINATED WATER SUMP PUMP	---
114-Y-001	POTABLE WATER CHEMICAL INJ. PACKAGE	U/S BASEPLATE EL.101.050	000-G-027	LAB. CONTAMINATED WATER SUMP PUMP	---
116-D-001	COOLING WATER EXPANSION VESSEL	T/L EL.128.950	000-PSS-001	SUB-STATION	---
116-E-001 A TO D	C.W. PLATE & FRAME EXCHANGERS	POS. EL. 104953	<b>000-Q-010</b>	<b>STORM WATER TRANSFER SUMP</b>	---
116-F-001	C.W. BUSH LEAKAGE COLLECTION TANK	U/S TANK EL.101.200	000-Q-012	LAB. CONTAMINATED WATER SUMP	---
116-G-001	COOLING WATER CIRCULATION PUMP	SUCTION NOZZ. C/L EL. 106.337	106-F-001	C10+ FUEL TANK	POS. EL.101.460
116-G-002	COOLING WATER CIRCULATION PUMP	SUCTION NOZZ. C/L EL. 106.337	106-G-001	C6/C7 FUEL TANK	POS. EL.101.460
116-G-003	COOLING WATER CIRCULATION PUMP	SUCTION NOZZ. C/L EL. 106.337	106-G-001	C10+ FUEL PUMP	U/S BASEPLATE EL.101.200
116-G-011	C.W. BUSH LEAKAGE PUMPS	U/S BASEPLATE EL.101.064	106-G-002	C10+ FUEL PUMP	U/S BASEPLATE EL.101.200
116-G-012	C.W. BUSH LEAKAGE PUMPS	U/S BASEPLATE EL.101.064	106-G-003	C6/C7 FUEL PUMP	U/S BASEPLATE EL.101.200
116-Y-001	COOLING WATER CHEMICAL INJ. PACKAGE	U/S BASEPLATE EL.101.050	106-G-004	C6/C7 FUEL DRUM	U/S BASEPLATE EL.101.200
117-D-001	CHILLED WATER EXPANSION VESSEL	T/L EL.128.950	107-D-003	FUEL GAS KO DRUM	T/L EL.103.700
117-F-001	CH.WAT. BUSH LEAKAGE COLLECTION TANK	U/S TANK EL.101.200	107-E-001	PROPANE VAPORISER	C/L SHELL EL.103.500
117-G-001	CHILLED WATER CIRCULATION PUMP	SUCTION NOZZ. C/L EL. 106.257	107-E-004	PROPANE SUPERHEATER	C/L EL.108.500
117-G-002	CHILLED WATER CIRCULATION PUMP	SUCTION NOZZ. C/L EL. 106.257	108-D-001	DIESEL STORAGE DRUM	C/L EL.104.100
117-G-007	CHILLED WATER BUSH LEAKAGE PUMP	U/S BASEPLATE EL.101.064	108-G-001	DIESEL UNLOADING PUMP	U/S BASEPLATE EL.101.200
117-G-008	CHILLED WATER BUSH LEAKAGE PUMP	U/S BASEPLATE EL.101.064	108-G-003	DIESEL TRANSFER PUMP	U/S BASEPLATE EL.101.200
<b>117-Y-001</b>	<b>CHILLED WATER PACKAGE (ABANDON)</b>	PKG. DATUM U/S F.F.L. EL. 100950	109-Y-001	NITROGEN PACKAGE	PKG. DATUM U/S F.F.L. EL. 101050
123-D-001	H <sub>2</sub> O <sub>2</sub> STORAGE VESSEL	T/L EL.103.550	110-D-001	COMPRESSED AIR RECEIVER	T/L EL.104.050
123-G-005	H <sub>2</sub> O <sub>2</sub> TRANSFER PUMP	U/S BASEPLATE EL.101.200	110-D-002	COMPRESSED AIR RECEIVER	T/L EL.104.050
123-G-006	H <sub>2</sub> O <sub>2</sub> TRANSFER PUMP	U/S BASEPLATE EL.101.200	110-Y-001	AIR COMPRESSOR PACKAGE	PKG. DATUM U/S COMP. EL. 100350
123-G-007	H <sub>2</sub> O <sub>2</sub> UNLOADING PUMP	U/S BASEPLATE EL.101.200	111-B-001	STEAM BOILER	PKG. DATUM POS. EL. 102915
124-F-001	CAUSTIC STORAGE TANK	POS. EL. 101.460	111-B-002	STEAM BOILER	PKG. DATUM POS. EL. 102915
124-G-001	CAUSTIC UNLOADING PUMP	U/S BASEPLATE EL.101.200	111-B-003	STEAM BOILER	PKG. DATUM POS. EL. 102915
124-G-003	CAUSTIC TRANSFER PUMP	U/S BASEPLATE EL.101.200	111-B-004	STEAM BOILER	PKG. DATUM POS. EL. 102915
124-G-004	CAUSTIC TRANSFER PUMP	U/S BASEPLATE EL.101.200	111-D-001	BOILER FEED WATER DEAERATOR	POS. EL. 120.450
<b>000-G-01018</b>	<b>CLEAN STORM WATER SUMP PUMP (NEW-2)</b>	---	111-D-002	BOILER FEED WATER DEAERATOR	C/L EL. 120.450
<b>000-G-024025</b>	<b>STORM WATER SUMP PUMP (NEW-2)</b>	---	111-D-008	EXCESS STEAM CONDENSATE DRUM	C/L EL. 105.950
<b>112-G-005006</b>	<b>ACID REGENERATION DOSING PUMP (NEW-2)</b>	---	111-E-004	EXCESS STEAM CONDENSER	POS. EL. 118450
<b>112-G-007008</b>	<b>CAUSTIC REGENERATION DOSING PUMP (NEW-2)</b>	---	111-F-001	EXCESS STEAM CONDENSATE TANK	POS. EL. 101.460
<b>112-G-009</b>	<b>DEMINERALISED WATER PUMP (NEW-1)</b>	---	111-G-001	DEAERATOR FEED PUMP	U/S BASEPLATE EL.101.200
<b>112-G-010</b>	<b>NEUTRALIZATION WATER PUMP (NEW-1)</b>	---	111-G-001	DEAERATOR FEED PUMP	U/S BASEPLATE EL.101.200
<b>112-G-011</b>	<b>ACID DOSING PUMP N-PIT</b>	---	111-G-002	DEAERATOR FEED PUMP	U/S BASEPLATE EL.101.200
<b>112-G-012</b>	<b>NAOH DOSING PUMP N-PIT</b>	---	111-G-003	DEAERATOR FEED PUMP	U/S BASEPLATE EL.101.200
<b>112-Y-001</b>	<b>DEMINERALISED WATER PACKAGE</b>	---	111-G-004	BOILER FEED WATER PUMP	U/S BASEPLATE EL.101.200
<b>113-F-002</b>	<b>PROCESS WATER STORAGE TANK (NEW-1)</b>	---	111-G-005	BOILER FEED WATER PUMP	U/S BASEPLATE EL.101.200
<b>113-G-004</b>	<b>PROCESS WATER PUMP (NEW-1)</b>	---	111-G-006	BOILER FEED WATER PUMP	U/S BASEPLATE EL.101.200
<b>117-E-023A-E</b>	<b>COOLING WATER PLATE AND FRAME HEAT EXCHANGER (NEW-1)</b>	---	111-G-007	LP CONDENSATE PUMP	U/S BASEPLATE EL.101.200
<b>116-E-001-U-Z</b>	<b>C.W. PLATE &amp; FRAME EXCHANGERS</b>	---	111-G-008	LP CONDENSATE PUMP	U/S BASEPLATE EL.101.200
			111-G-009	BOILER FEED WATER PUMP	U/S BASEPLATE EL.101.200
			111-Y-002	CONDENSATE CHEMICAL INJECTION PACKAGE	U/S BASEPLATE EL.101.050
			111-Y-007	BOILER BLOWDOWN PACKAGE	U/S BASEPLATE EL.101.500
			111-Y-008	B.F.W. CHEMICAL INJECTION PACKAGE	U/S BASEPLATE EL.101.050
			<b>112-D-004005</b>	<b>MIKED BED SERVICE VESSELS</b>	---
			112-F-001	DEMIN. WATER STORAGE TANK	POS. EL. 101.350
			112-G-001	DEMIN. WATER PUMP	U/S BASEPLATE EL.101.200
			112-G-002	DEMIN. WATER PUMP	U/S BASEPLATE EL.101.200
			112-Y-001	DEMIN. WATER TREATMENT PACKAGE	PKG. DATUM U/S SKIDS EL. 101000
			113-F-001	PROCESS WATER TANK	POS. EL.101.350

- NOTES**
- ALL COORDINATES ARE GIVEN IN METRES RELATIVE TO THE PLANT GRID SYSTEM.
  - PLANT GRID ORIGIN E. 3000.000/N. 3000.000 EQUALS E. 25628.909/N. 37720.922 M.Y.A.S. PLANE GRID SYSTEM
  - ALL ELEVATIONS ARE GIVEN IN METRES RELATIVE TO THE PLANT DATUM. PLANT DATUM: EL.100.000m. (HPP) + 7.250m M.Y.A.S DATUM
  - HOLD ITEMS:**
    - THIS PLOT ISSUE IS BASED ON PRELIMINARY INFORMATION TO DEVELOPING, AND THE RELATED DIMENSION OF PLAN AND ELEVATION OF STRUCTURE SHALL BE VERIFIED.
    - ALL RELATED DIMENSION OF "HOLD" EQUIPMENT SHALL BE ADJUSTED IN ACCORDANCE WITH ADVANCED VERIFIED ENGINEERING DRAWING AND VENDOR INFORMATION.
    - HOLD EQUIPMENT SEE EQUIPMENT LIST.

**REFERENCE DRAWINGS**

DRAWING No.	TITLE
DR-000-LE-001	OVERALL PLOT PLAN
F0019-DR-112-GB-5101	DEMIN WATER PLOT PLAN

**LEGEND**

- NEW-1: NEW FACILITY ON NEW LOCATION
- NEW-2: NEW FACILITY ON EXISTING FACILITY LOCATION
- ABANDON: ABANDON IN PLACE

**KEY PLAN**

**FOR IR-II U&O DBN PROJECT**

**PLOT PLAN - AREA 3**

CERTIFIED FOR CONSTRUCTION		DWG.	DSN.	CHK.	APPR.
BY	DANIEL HSU	BY	YEH	YEH	M.C.C. WEI
DATE	2011/10/07	DATE	17/FEB/2011	17/FEB/2011	10/MAR/2011
DWG. SIZE	A4	IR DRAWING NO.	DR-000-LE-005		
SCALE	1/500	CTCI PROJ. NAME	XB32-000-003		
CTCI PROJ. NO.	10C0541A02	CTCI DRAWING NO.	XB32-000-003		
		DATE	19/2	20	21