



**GENERAL NOTES:**

- ISOLATION VALVE ON FIREWATER LOOP/RINGMAIN SHALL BE LOCATED SO THAT NOT MORE THAN SIX FIRE PROTECTION DEVICES WILL BE OUT OF SERVICE DUE TO A SINGLE FIREWATER MAIN BREAK. ALL ISOLATION VALVES SHALL BE POSITION INDICATING TYPE.
- FOR SYMBOLS, TYPICALS, REFER TO LEGEND P&ID: UBO-UBPG-PRO-LGN-WPT-0000-00002-01 TO UBO-UBPG-PRO-LGN-WPT-0000-00002-20.

**BY VENDOR**

**NOTES:**

- MAIN JOCKEY PUMP WILL RUN CONTINUOUSLY TO PRESSURE THE RINGMAIN AT MINIMUM 100 PSIG AT THE HIGHEST POINT ALL TIMES. IF THE FIREWATER RINGMAIN PRESSURE FALLS TO XX PSIG, IT WILL AUTOMATICALLY START THE STANDBY JOCKEY PUMP. IF THE FIREWATER RINGMAIN PRESSURE STILL FALLS BELOW XX PSIG, THE PRIMARY FIREWATER PUMP WILL START. IF THE RINGMAIN PRESSURE DOES NOT RISE TO XX PSIG IN 30 S, THE STANDBY FIREWATER PUMP WILL START.
- AIR RELEASE/VACUUM BREAKER VALVE SHALL BE PROVIDED AT HIGH POINT.
- DRAIN SHALL BE PROVIDED AT LOW POINT.
- LOCATE VALVE CLOSE TO HOSE REEL.
- THE FIRE WATER RINGMAN IS PRESSURIZED BY SERVICE WATER PUMP IN NORMAL CONDITIONS.
- HOSE INCLUDING VALVE WILL BE SUPPLIED BY VENDOR.
- PROVIDE 13 mm WEEP HOLE AT LOW POINT.

**HOLDS:**

**VALVE NUMBER USED ON THIS DRAWING**  
50301-50320

REFERENCE DRAWING:				<div><div><div>WCT</div><div>GJ</div><div>NTS</div><div>THS</div></div><div><div>Chevron</div><div>CHEVRON THAILAND EXPLORATION AND PRODUCTION</div></div></div>				<div><div><div></div><div>WorleyParsons</div><div>resources &amp; energy</div></div></div>				PROJECT: UBON PROJECT		PLATFORM: UBCPP
H01	14/03/18	ISSUED FOR DESIGN	WCT	GJ	NTS	THS	<div><div>THE ORIGINAL AND ALL COPIES OF THIS DRAWING, INCLUDING ALL INFORMATION ON THIS DRAWING, ARE SOLE PROPERTY OF CHEVRON THAILAND</div></div>	TITLE: PIPING AND INSTRUMENTATION DIAGRAM FIRE WATER DISTRIBUTION UNDER MAIN DECK		REVISION: H01				
F02	05/02/18	ISSUED POST-HAZOP	WCT	GJ	NTS	THS								
F01	29/11/17	ISSUED FOR HAZOP	WCT	GJ	NTS	THS								
E01	11/10/17	ISSUED FOR COMPANY REVIEW	WCT	GJ	NTS	THS								
D01	02/10/17	ISSUED FOR IDC	WCT	GJ	NTS	THS								
NO.	DATE	REVISION	DRAWN	CHKD	ENG.	APPD.	SCALE: NTS		DRAWING No: UBO-UBPG-PRO-PID-WPT-0000-00503-01					