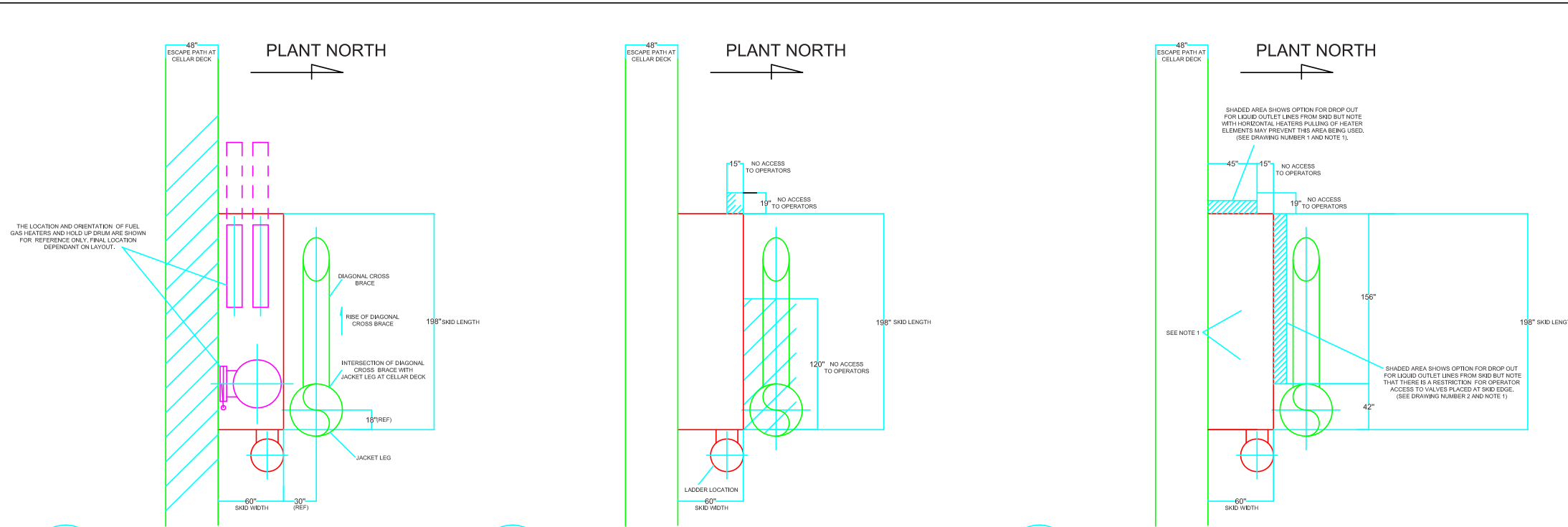


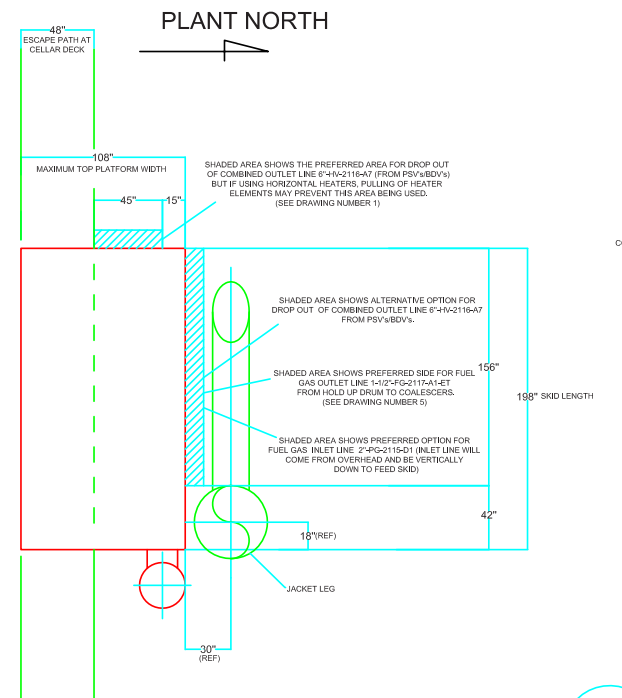
# Offshore Fuel Gas Treatment Package Upgrade Study for New Specifications



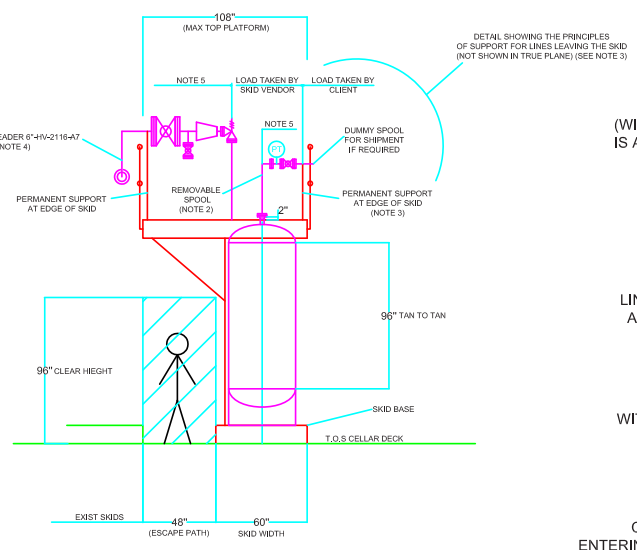
**1** PLAN VIEW OF SKID BASE ON CELLAR DECK SHOWING ESCAPE PATH

**2** PLAN VIEW OF SKID BASE SHOWING SHADED AREAS WHICH OFFER NO ACCESS TO OPERATORS.

**3** PLAN VIEW OF SKID BASE SHOWING SHADED AREAS WHERE PIPING MAY DROP OUT FROM THE SKID.



**4** PLAN VIEW OF ELEVATED PLATFORM SHOWING SHADED AREAS WHERE PIPING MAY DROP OUT OR ENTER THE SKID



**5** ELEVATION LOOKING WEST SHOWING TOP PLATFORM CONSTRAINTS, PRINCIPLES OF SUPPORT AND SHADED AREA FOR ESCAPE PATH

- NOTE 1. IF REQUIRED, LINES MAY DROP OUT FROM WITHIN THE SKID BASE (WITHIN THE AREA OF THE FOOTPRINT) PROVIDING THAT TERMINATION FLANGE IS ACCESSIBLE AND AT AN ELEVATION THAT CAN BE SUBJECT TO BOLT TORQUE.
- NOTE 2. SUPPORTS OF LINES ON SKID SHALL BE ARRANGED SO THAT LINES ARE STILL SUPPORTED WHEN REMOVABLE SPOOLS ARE OUT OF PLACE, I.E. NO TEMPORARY FIELD SUPPORTS.
- NOTE 3. LINES ENTERING OR LEAVING THE SKID WHICH REQUIRE AN ISOLATION VALVE AT THE SKID EDGE MAY BE SUPPORTED AT SKID EDGE WITH DUMMY SPOOL IF/AS DESIGN REQUIRES.
- NOTE 4. DUE TO THE POTENTIAL FOR BLOCKING OFF THE TOP PLATFORM WITH COMMON HEADER LINE 6"-HV-2119-A7 FROM COMBINED PSV'S AND BDV'S OUTLET LINES, THIS LINE MAY BE ROUTED TO THE OUTSIDE OF TOP PLATFORM IF REQUIRED. (SHIPPED LOOSE?)
- NOTE 5. CLIENT WILL PERFORM COMPUTERIZED STRESS ANALYSIS ON ALL LINES ENTERING AND LEAVING THE SKID BACK TO EQUIPMENT NOZZLES. VENDOR TO SUPPLY LOADS AND MOMENTS AT EQUIPMENT NOZZLES AND LAST SUPPORT AT CLIENT/VENDOR INTERFACE.

DOLPHIN- FUEL GAS AND DIESEL UPGRADE STUDY OF FUEL GAS SKID REQUIREMENTS			
JOHN POWELL	21 MAR 2014	SCALE: N.T.S	REV 0