

19. HOSE STATIONS CONSISTING OF PLANT AIR, SERVICE WATER, LP STEAM AND NITROGEN TO BE PROVIDED. HOSE TO BE FLANGE TYPE FOR NITROGEN AND LP STEAM. OTHER UTILITIES TO HAVE QUICK COUPLING TYPE NO. OF HOSE STATION TO BE DECIDED DURING DETAIL ENGINEERING.

- NOTES:
1. FOR GENERAL NOTES AND TYPICAL DETAILS REFER P&O NO. 8807-04-41-000-1181.
2. FOR DETAILS A-W REFER P&O NO. 8807-04-41-000-1183.
3. ALL INSTRUMENT MTS TO BE PROVIDED BY UNIT NO. 147.
4. REFER P&O 8807-04-41-143-1184 FOR SECURITY SYSTEM.
5. ALL INSTRUMENT SIGNALS TO BE ROUTED TO O&A CONTROL ROOM. ALL THE SIGNALS SHALL ALSO BE AVAILABLE IN COX FOR MONITORING.
6. THESE VALVES ARE TO BE LOCATED 15M (50FT) AWAY FROM THE LOADING CRANE AND ARE TO BE APPROXIMATELY
7. PROVIDE ONE GAS DETECTOR FOR EACH TANKER, LOCATED NEAR TANKER NOZZLES
8. PROVIDE ONE HAND SWITCH FOR EACH BAY TO ISOLATE RELATED L/V, M/V AND TRIP THE COMPRESSOR.
9. COMPRESSOR L/V/AND/OR HAND SWITCHES. LOCATE IN BAY-1/2
10. AUDIO-VISUAL FEED ALARM TO INDICATE END OF STAGE-1 UNLOADING
11. PROVIDE UNARMED SHOT BUTTON IN CONTROL ROOM AND ALSO IN BAY AT SAFE LOCATION FOR C/M, ACTION OF INTERLOCK PR DEFECTED WITH "A" WILL BE IN M/V AND "B" IN FEED ALSO PROVIDE MAINTENANCE BYPASS OF EACH INTERLOCK WITH LAMP IN C/R.
12. UNLOADING/LOADING ARMS TO BE BOTTOM TYPE CONSIDERING CONVENTIONAL L/V TANKER.

INTERLOCK TABLE		
INTERLOCK NO.	AQUIRED BY	ACTION
I-8301	HS-8301	CLOSE MOI-8307/8303 TRIP 147-6A-01/6B
I-8302	HS-8302	CLOSE MOI-8302/8304 TRIP 147-6A-02
I-8303	HS-8303	LOAD/UNLOAD 147-6A-01/6B
I-8304	HS-8304	LOAD/UNLOAD 147-6A-02
I-8305	Z4H-8301 Z4H-8303	START PERMISSIVE FOR 147-6A-01/6B
I-8306	Z4H-8302 Z4H-8304	START PERMISSIVE FOR 147-6A-02
I-8307	Z4H-8302	PERMISSIVE FOR MOI-8305 TO OPEN
I-8308	PAINTER (ARTING LIFT) (ARMING LIFT)	CLOSE FY-8304
I-8309	TRIP (ARTING LIFT)	TRIP 147-6A-01/6B CLOSE MOI-8303
I-8310	TRIP (ARMING LIFT)	TRIP 147-6A-02 CLOSE MOI-8303

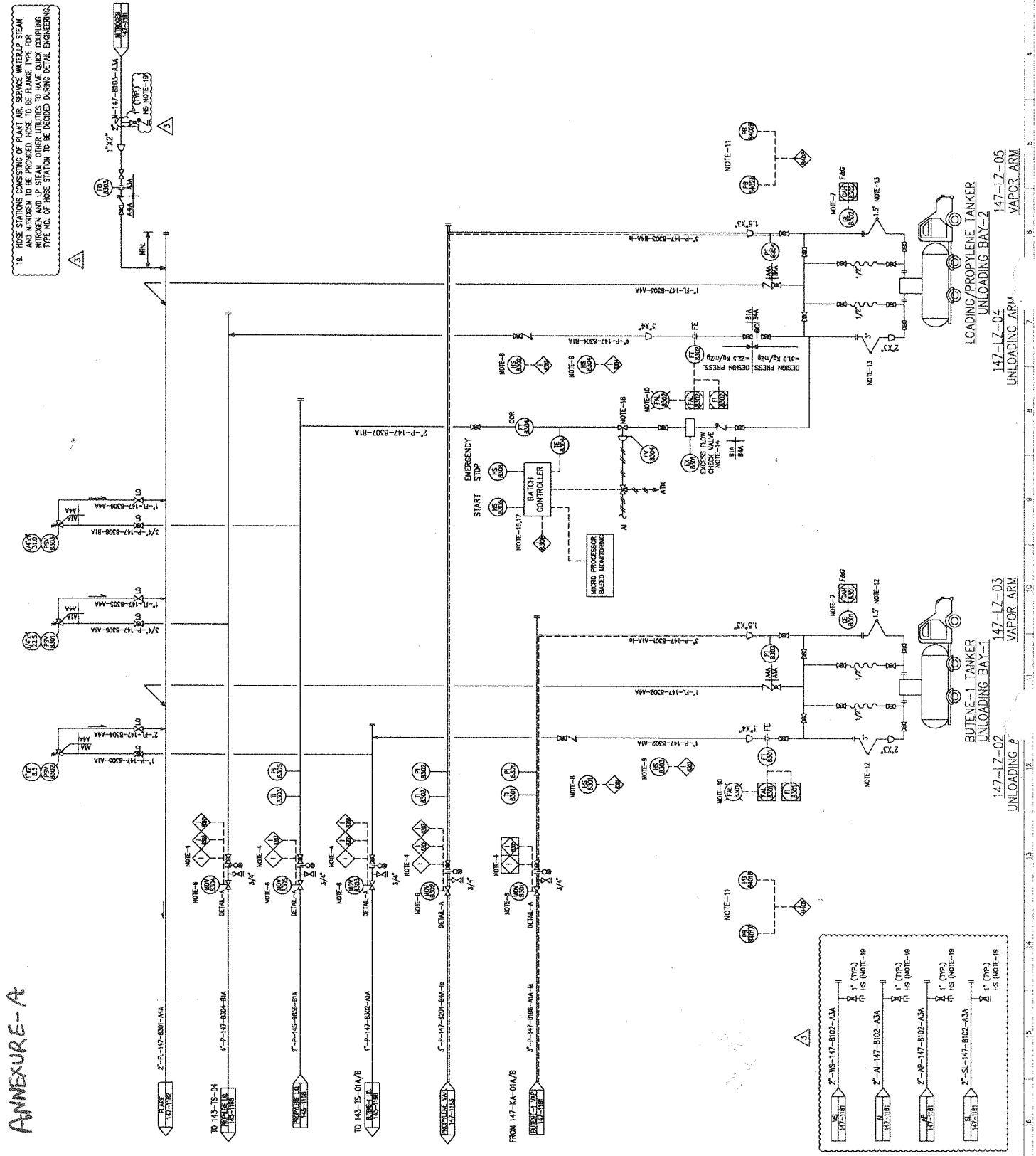
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पाइपिंग एण्ड इंस्ट्रुमेंटेशन डायग्राम
PIPING AND INSTRUMENTATION DIAGRAM
BUTENE-1/PROPYLENE UNLOADING CANTRY

अनुपाय SCALE	कार्य संख्या JOB NO.	विभाग DEPT.	उपभाग SECTN.	इकाई UNIT	आरक्ष संख्या DWG. No.	परी RE
S	6907 04	41	147	1183		



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