

Risk Management Register for Navy Barracks / Great Lake Training Project								
	PDR I Sections	Issue	Schedule	Cost	Impact	Mitigation	Who	When
1	A5: Facility Requirements D4: Government Regulatory Requirements	Building/EPA Permit acquisitions	H	L	Cannot start entire job	1) Improvement needed on Pre-Project Planning. 2) Need better work on front end and better job addressing	Project Manager	Before construction phase
2	F4: Mechanical Design G3: Equipment Utility Requirements	Design problems: Valve, mechanical and galley equipment access	M	H (< 5% of Project cost)	1) Useless utilities 2) Maintenance problems	1) To be addressed in design time-out by designers. 2) Do monthly walk-through and status updates	Design Manager	During design phase
3	B4: Design Philosophy	Entire design review process and its documentation of comments.	M	L	Hard to make good progress and alignment	1) A team design review meeting. 2) Work the timeliness of receiving the comments and the quality of the review.	Design Manager	Before design review and construction phase
4	L2: Owner Approval Requirement	Occasional delays in resolving change orders and customer changes late into construction	M	M	Rework and cost more	1) Pay more attention on completing the paperwork 2) Fix through design review process. 3) When personnel turnover occurs, enforce the previous decisions to avoid late changes	Project Manager Construction Manager Design Manager	Throughout project life
5	K: Project Control	Severe winter work conditions	H	H (< 5% of Project cost)	Delay and less productivity	1) Development of Heating plan 2) Thawing out the frost lines	Construction Manager	During construction phase
6	K5: Safety Procedures	Construction safety	H	H (< 5% of Project cost)	Accidents can stop the project	1) Monthly recognition with tangible awards 2) Subcontractor's participation	Project Team	Throughout project life
7	J2: Documentation/Deliverables	Delay in submittals by A-E designers	M	L	1) We cannot start each sections 2) Delay of the entire work	Increase design team's capacity	Design Manager	Throughout project life
8	K1: Project Quality Assurance and Control	Air emission standards when boiler operates with back up fuel	L	L	Bad to environment	1) Raise plant boiler stack height 2) Use very low sulfur content fuel	Design Manager Project Controls Manager	During design and operation phase
9	D1: Site Layout	Utility system coordination : Choosing best locations for grease traps and transformers	L	L	Maintenance Issues	1) Coordinate utility distribution more closely 2) Special co-ordination meeting	Design Manager Construction Manager	Throughout design phase
10	J2: Documentation/Deliverables	Completion of As-builts	L	L	Operations and maintenance issues	Ensure they are compiled and issued	Design manager Construction Manager	Project Completion

Legend > H : High Impact
 > M : Medium Impact
 > L : Low Impact