

KGCOE MSD

Technical Review

Meeting Purpose: To discuss the preliminary design of the Water Falls Media project

Materials Reviewed :

Water Falls Media Schedule

Water Falls Media Preliminary Design Review

Attendees :

George Slack (Project Mentor)

Dr. Landschoot (Mechanical Engineering Consultant)

Dr. Hoople (Electrical Engineering Consultant)

Marla Schweppe (Project sponsor / customer)

Michael DeMayo (Project Manager)

Ben Sheron (Design Engineer)

David Watkins (Design Manager)

John Mathews (Design Engineer)

Recorded by: John Mathews

Meeting Date: 10/8/2010

Previous Open Action Items Reviewed: None - no other design reviews prior to this meeting

Discussion:

Action Items

Item #	Description	Responsible	Due Date	Close Date	Comments
A001	Add side supports	DeMayo, Mathews	11/5/10		-
A002	Prototype the fluid curtain	DeMayo, Mathews	11/5/10		-
A003	Replace solednoids with another type of actuator	Watkins, Sheron	11/5/10		-
A004	Prototype control system	Watkins, Sheron	11/5/10		-

Issues

Item #	Description	Responsible	Open Date	Close Date	Comments
I001	Supports are insufficient (parallelograming could occur)	DeMayo, Mathews	10/8/10		
I002	Fluid Curtain is untested	DeMayo, Mathews	10/8/10		
I003	Solednoids are inefficient and costly	Watkins, Sheron	10/8/10		
I004	Control System is untested	Watkins, Sheron	10/8/10		

Item #	Description	Contributing Individuals	Decision Date	Comments
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D001	Side Supports will prevent parallelograming	DeMayo, Mathews	10/8/10	
D002	prototyping fluid curtain will allow for curtain to be manipulated and perfected	DeMayo, Mathews	10/8/10	
D003	Replacing the solenoids with angular actuators will allow for a more cost effect and fluid efficient design	Watkins, Sheron	10/8/10	
D004	Prototyping the control system will allow for manipulation and experimentation of the controls	Watkins, Sheron	10/8/10	