JOHNSON CONTROLS

PROJECT: Argonne National Laboratory
Advanced Photon Source
Building 413 LEUTL
9700 South Cass Avenue
Argonne, IL 60439

JCI Contract Number: 7010-1001

DRAWING NUMBER	LOCATION	DRAWING TITLE
7010-1001-1	BUILDING 413	LEUTL DI Water Bridge Control Diagram
7010-1001-2	BUILDING 413	LEUTL DI Water Bridge Sequence of Operation
7010-1001-3	BUILDING 413	LEUTL Exhaust Fan E-1 Control Diagram
PS-1	BUILDING 413	LEUTL Valve Schedule
PS-2	BUILDING 413	LEUTL Point Schedule

JOHNSON CONTROLS

Creating a better climate for business.

- ☐ Environmental Control System
- ■ Building Automation System
- ☐ Fire Management System
- ☐ Security System
- ☐ Lighting Services
- ☐ Telecommunication System
- ☐ Integrated Motor Control Center
- ☐ Air and Water Systems Balancing
- ☐ Instrumentation System Installation
- ☐ Building Operations Management
- ☐ Energy Conservation Control
- ☐ Custom Programmed Maintenance :

Automatic Temperature Controls
Heating
Air Conditioning
Air Filters
Water Treatment
Coil Cleaning
Control Center
Fire Management
Security Management
Sound and Communication
Programmed Clocks
Contract Operations
Time-Shared Automated Building Service
Refrigeration
Electrical Equipment
Emergency Generator / Lighting Equipment
Industrial Controls / Recording / Indication Equipment

PROJECT

ARGONNE NATIONAL LABORATORY
BUILDING 413 LEUTL
ARGONNE, IL 60439

ARCHITECT

ENGINEER
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

OWNER
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

CONTRACTOR

REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
	1	As Built		06/2/98	pmw

Wiring Legend

- Pneumatic Tubing
- Wire
- Cable
- Coax
- Wired by JCI
- Wired by other
- VAC Power

ISSUE	
NUMBER	A
DATE	06/03/98
TIME	11:27 AM
FILE NAME	leutlTTL.vsd

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JOHNSON CONTROLS
Systems & Services Division

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SALES ENGINEER	PROJECT MANAGER	APPLICATION ENGINEER	DATE	CONTRACT NUMBER
J.P.	D.S.	D.C.S.	04/28/97	7010-1001