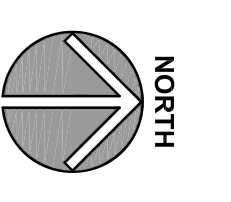


FIRST FLOOR PLAN - ELECTRICAL

SCALE: 1/4" = 1'-0"



KEYNOTES

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	LOADING DOCK		
101	VESTIBULE		
102	STORAGE		
104	FLAMMABLE GAS STORAGE		
106	COMPRESSED GAS STORAGE		
110	WELDING LAB		
112	LOADING DOCK		
114	STORAGE		
116	ARC/AIR GOUGING ROOM		
118	CLASSROOM		
120	HALLWAY		
141	SECURED STORAGE		

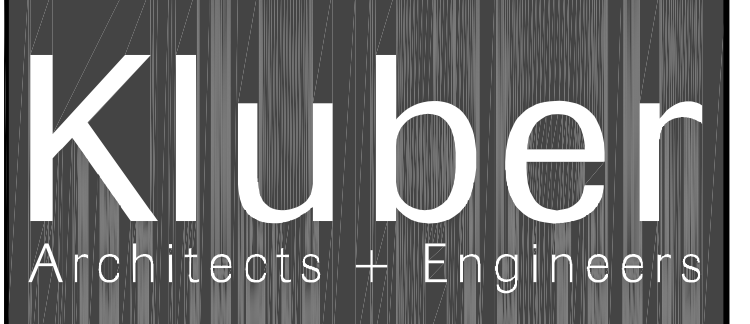
GENERAL NOTES		
1.	REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & RIGGING REQUIREMENTS AND LOCATIONS OF DEVICES.	
2.	UNLESS NOTED OTHERWISE, ALL HARDWARES SHALL CONSIST OF A MINIMUM OF 3 CIRCUITS (PHASE A, B & C, NEUTRAL & GROUND) IN 3/4" C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR RECEPTACLE WORKING CIRCUITS SHALL BE #14C. (WIRE & #14C). PROVIDE LARGER SIZE WIRE FOR VOLTAGE DROP WHERE REQUIRED.	
3.	DO NOT CUT THROUGH MASSIVE BEAM BEAMS OR ANY OTHER STRUCTURAL ELEMENT WHEN INSTALLING OPENINGS AND MASSIVE CONTRACTOR FOR ALL BEAM BEAMS AND STRUCTURAL ELEMENT LOCATIONS. CONTRACTOR OBTAIN PERMITS THROUGH OR OTHERWISE OBTAIN THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT REPAIRS/REINFORCEMENT NECESSARY TO REINSTATE THE COMPLEXTY AND INTEGRITY OF THE BEAMS/ ELEMENTS.	
4.	HORIZONTAL ROUTING OF CONDUIT IN METAL DECK STAGES IS NOT PERMITTED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER. ALL CONDUITS ARE TO BE ROUTED BELOW THE DECKING/SLAB OR ABOVE THE CEILING.	
5.	ALL JUNCTION BOXES MUST BE SECURED TO BUILDING STRUCTURE PER NEC REQUIREMENTS.	
6.	CONDUIT SHALL BE SECURED TO BUILDING STRUCTURE WITHIN 3" OF JUNCTION BOXES AND A MINIMUM OF 10" ON CENTER.	

KEY PLAN	

ELGIN COMMUNITY COLLEGE: ITR WELDING LAB RENOVATIONS

ELGIN COMMUNITY COLLEGE  
1700 SPARTAN DRIVE  
ELGIN, ILLINOIS 60123

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ISSUED	
DATE	BID DOCUMENTS
04/04/11	

JOB NO. 11-186466  
DRAWN JRV  
CHECKED MTX  
APPROVED JRV

SHEET TITLE  
FIRST FLOOR PLAN ELECTRICAL  
SHEET NUMBER

E300