

INDUSTRIAL ENGINEERING, PRECISION MACHINING, AND WELDING LABS EQUIPMENT SCHEDULE							
EQUIP #	QTY.	DESCRIPTION	EXIST. RM. #	MOVED BY	FURNISHED BY	INSTALLED BY	MANUFACTURER
100	13	HYDRAULIC/PNEUMATIC TRAINERS	E-7	GC	OWNER	GC	
101	2	ROBOT CONTROLLERS	E-7	GC	OWNER	GC	ABB
102	1	WELDER MACHINE POWER SOURCE	E-7	GC	OWNER	GC	MILLER
103	2	ROBOT	E-7	GC	OWNER	GC	ABB
104	1	CONVEYOR	E-7	GC	OWNER	GC	
105	1	HYDRAULIC PRESS	E-7	GC	OWNER	GC	DAYTON
106	1	INDUSTRIAL ROBOT	E-7	GC	OWNER	GC	MITSUBISHI
107	4	MOTOR CONTROL TRAINERS	E-7	GC	OWNER	GC	REX MANUFACTURING
108	10	PLC TRAINERS	E-9	GC	OWNER	GC	
200	1	CNC VERTICAL MACHINING CENTER	E-8	GC	OWNER	GC	HAAS
201	1	CNC VERTICAL MACHINING CENTER	E-8	GC	OWNER	GC	HAAS
202	1	CNC VERTICAL MACHINING CENTER	E-8	GC	OWNER	GC	HAAS
203	4	CNC MACHINE	E-8	GC	OWNER	GC	HAAS
204	1	SAND BLASTER	E-8	GC	OWNER	GC	CLEMMCO
205	1	CUT OFF SAW	E-8	GC	OWNER	GC	BOMAR
206	1	WIRE EDM	E-8	GC	OWNER	GC	GF AGIE CHARMILLES
207	1	PLUNGE EDM	E-8	GC	OWNER	GC	GF AGIE CHARMILLES
208	1	SAW	E-8	GC	OWNER	GC	DAKE JOHNSON
209	1	DRILL	E-8	GC	OWNER	GC	CLAUSING
210	2	MILL	E-8	GC	OWNER	GC	BRIDGEPORT
211	1	MILL	E-8	GC	OWNER	GC	BRIDGEPORT
212	1	MATERIAL FEEDER	E-8	GC	OWNER	GC	SERVO BAR FEEDER
		CNC LATHE	E-8	GC	OWNER	GC	HAAS
213	1	CNC LATHE	E-8	GC	OWNER	GC	HAAS
214	1	CNC LATHE	E-8	GC	OWNER	GC	BRIDGEPORT
215	1	WELDER	E-8	N/A	OWNER	N/A	MILLER
216	1	HEAT TREATING FURNACE	E-8	GC	OWNER	GC	CRESS
217	1	KNEALING FURNACE	E-8	GC	OWNER	GC	DESPATCH
218	1	SANDER	E-8	GC	OWNER	GC	WILTON
219	1	TENSILE TESTER	E-8	GC	OWNER	GC	VEGA
220	1	M-PREP 3	E-8	GC	OWNER	GC	ALLIED
221	1	TECHCUT 10	E-8	GC	OWNER	GC	ALLIED

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222	1	POWDER-CURING OVEN	E-8	GC	OWNER	GC	CHICAGO
223	1	BUFFER	E-8	GC	OWNER	GC	BALDOR
224	1	BUFFER	E-8	GC	OWNER	GC	BALDOR
225	1	GRINDER	E-8	GC	OWNER	GC	BLANCHARD
226	1	CNC SURFACE GRINDER	E-8	GC	OWNER	GC	SHARP
227	1	CNC SURFACE GRINDER	E-12	GC	OWNER	GC	BRIDGEPORT
228	1	PLASTIC INJECTOR	E-12	GC	OWNER	GC	MORGAN-PRESS
229	1	INSPECTION EQUIPMENT	E-12	GC	OWNER	GC	REFLEX
230	1	INSPECTION EQUIPMENT	E-12	GC	OWNER	GC	MITUTOYO
231	1	SURFACE PLATE	E-12	GC	OWNER	GC	STARRETT
232	1	INSPECTION EQUIPMENT	E-12	GC	OWNER	GC	OPTICAL GAUGING PRODUCTS
233	1	WORKBENCH	E-8	GC	OWNER	GC	
234	1	WORKBENCH	E-8	GC	OWNER	GC	
235	1	WORKBENCH	E-8	GC	OWNER	GC	
236	1	WORKBENCH	E-8	GC	OWNER	GC	
237	1	WORKBENCH	E-8	GC	OWNER	GC	
238	1	PUNCH PRESS	E-12	GC	OWNER	GC	GREENERD
239	1	HYDRAULIC PRESS	E-12	GC	OWNER	GC	DAKE
240	1	PARTS WASHER	E-12	GC	OWNER	GC	GRAYMILLS CLEANING
241	1	DRILL PRESS	E-12	GC	OWNER	GC	WILTON
242	1	ARGON TANK	E-12	N/A	OWNER	N/A	
243	9	MILL	N/A	N/A	OWNER	GC	BRIDGEPORT
244	1	CNC LATHE	2ND FLOOR	GC	OWNER	GC	HARRISON
245	10	MANUAL LATHE	N/A	N/A	OWNER	GC	
246	1	TOOL CUTTER/GRINDER	2ND FLOOR	GC	OWNER	GC	CINCINNATI
247	1	HORIZONTAL MILL	2ND FLOOR	GC	OWNER	GC	CINCINNATI
248	1	GRINDER	2ND FLOOR	GC	OWNER	GC	ACER
249	5	SURFACE GRINDER	N/A	N/A	OWNER	GC	
250	1	MILL	2ND FLOOR	GC	OWNER	GC	BRIDGEPORT

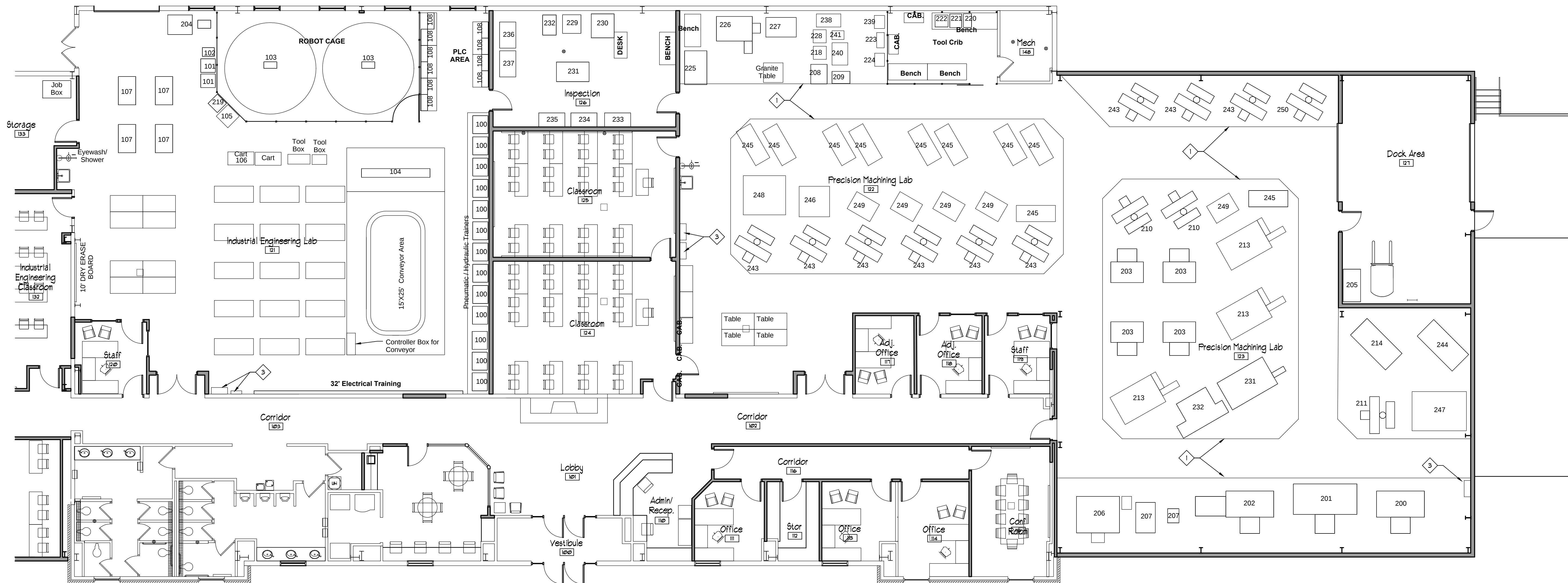
Notes:
1. E-7 - Existing Machining Lab at Four Rivers Career Center in Washington, MO.
2. E-8 - Existing IE Lab at Four Rivers Career Center in Washington, MO.
3. E-12 - Existing Inspection Room at Four Rivers Career Center in Washington, MO.
4. 2nd Floor - Existing Machining Lab at 2nd Floor of Four Rivers Career Center in Washington, MO.

GENERAL NOTES - Sheet A1.6

1. Do not scale drawings.
2. Final equipment location as directed by Owner.
3. See Mech/Elec/Plumbing Drawings for connections to equipment.

KEY NOTES - Sheet A1.6

1. Paint 2" wide safety yellow traffic aisle
2. Owner shall provide oval conveyor. GC to hook up electrical controller box.
3. Electrical panels - see Elec Dugs.



PRECISION MACHINING & IE EQUIPMENT PLAN

1/16" = 1'-0"

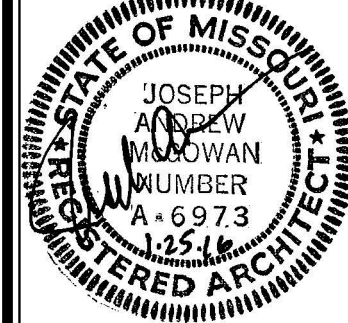
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Union, Missouri 63084

JOCHRAN

- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Master Planning

Two working days prior to the start of any excavation, the contractor shall call 1-800-368-RTTE for utility location information.

All OSHA rules & regulations shall be strictly followed. Plans shall be strictly followed (i.e. trenching, blasting, etc.).



EAST CENTRAL COLLEGE
CENTER FOR ADVANCED MANUFACTURING
AND WORKFORCE TRAINING
Union, Missouri 63084

PRECISION MACHINING & IE EQUIP PLAN

DATE:	2/18/16	REVISION:	
OWN. BY:	NAP	APPR. BY:	JAM
DATE:	1/25/16	SCALE:	AS NOTED
PROJ. NO.:	15-6038	EDA No.:	05-01-05778
DWG. NO.:			

A1.6