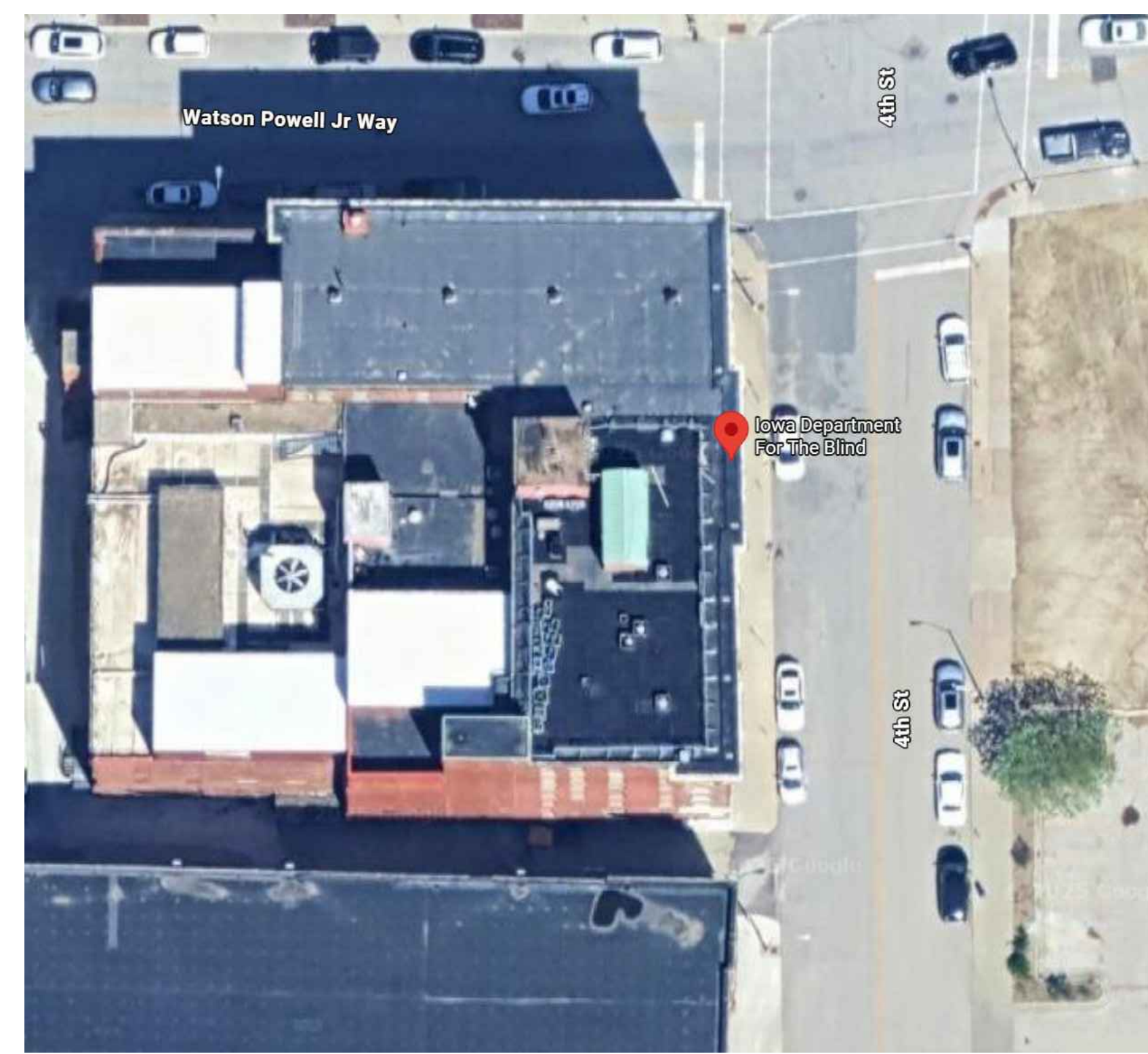


Revisions	Date	No.

9482.00 - IDB CHILLER REPLACEMENT DES MOINES, IOWA 100% CD SUBMITTAL



SHEET NUMBER	SHEET INDEX	SHEET DESCRIPTION
MC		COVER SHEET
ME000		MECHANICAL AND ELECTRICAL GENERAL NOTES & SYMBOLS
MD100		OVERALL PLAN - MECHANICAL DEMO
M100		OVERALL PLAN - MECHANICAL
ME200		BOILER ROOM PLAN - MECHANICAL/ELECTRICAL
A100		OVERALL PLAN/DOOR MODIFICATIONS

MEP ENGINEER
KCL ENGINEERING
300 4th Street
West Des Moines, Iowa 50265

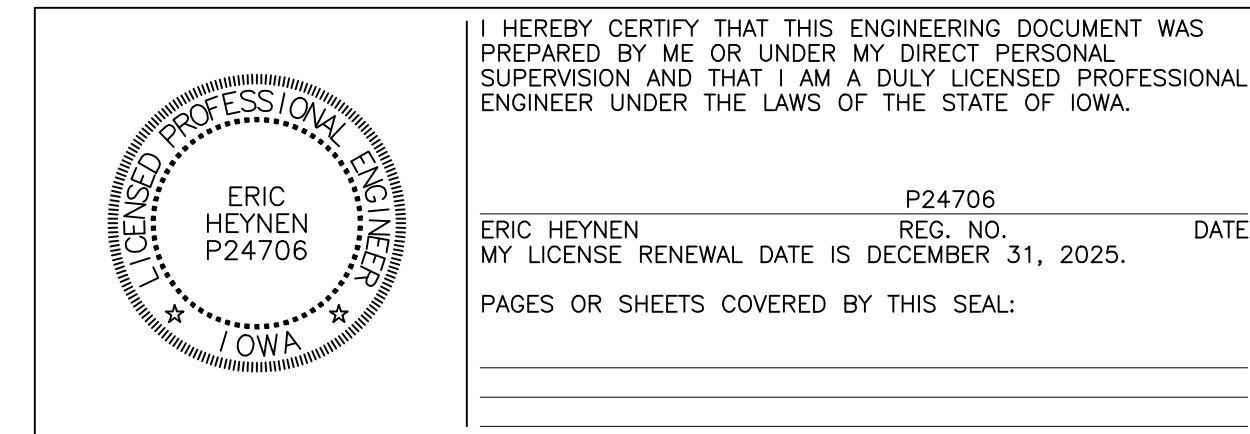
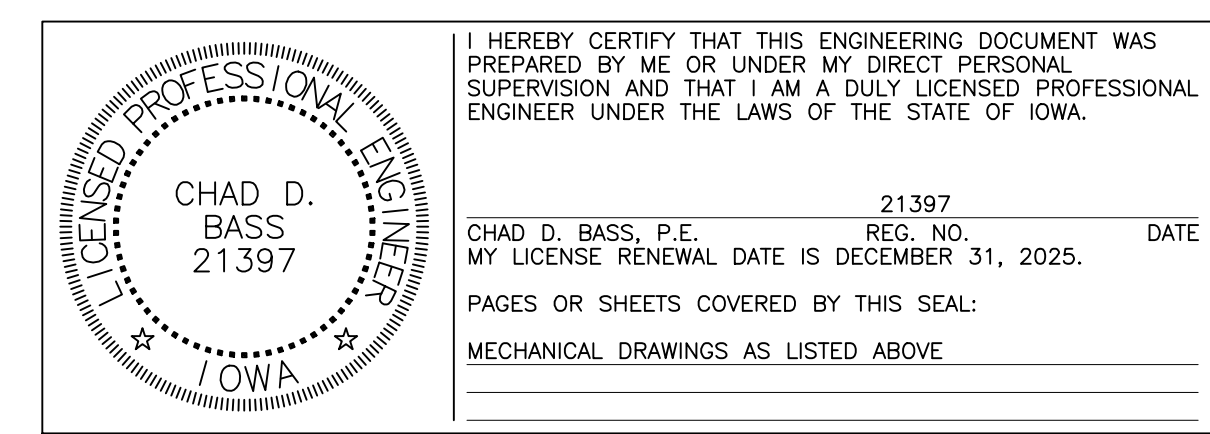
CHAD BASS, PE
Mechanical Engineer
phone: 515-205-1397
cbass@kclengineering.com

CONSTRUCTION MANAGER
MCGOUGH
217 E. 2nd Street, Suite 120
Des Moines, Iowa 50309

PARKER BADDING
Project Engineer
phone: 712-790-1370
parker.badding@mcgough.com

ARCHITECT
OPN ARCHITECTS
100 Court Ave. Suite 100
Des Moines, Iowa 50309

AARON TWEDT, AIA
Architect
phone: 515-991-0119
atwedt@opnarchitects.com



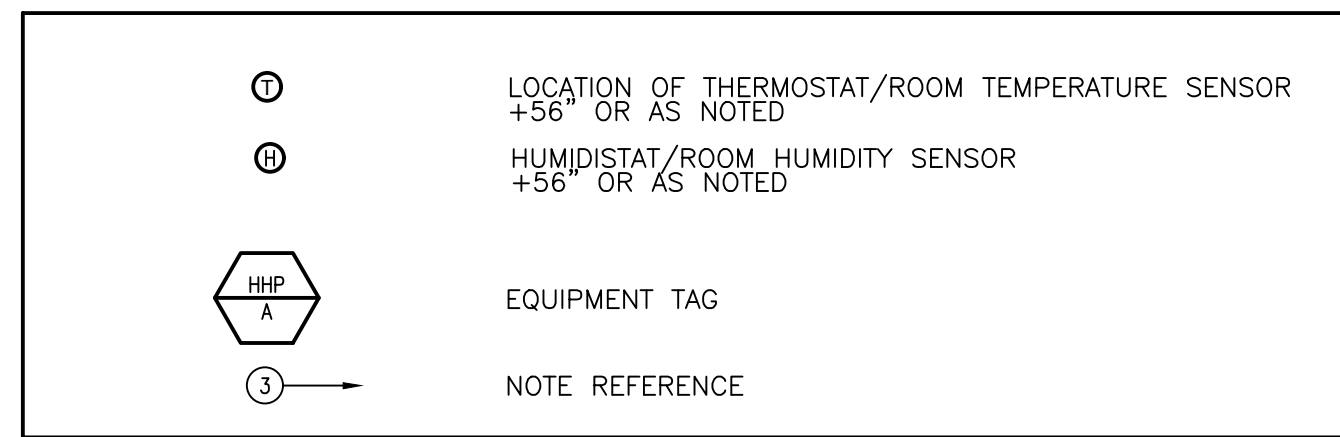
IOWA DEPARTMENT OF THE BLIND CHILLER REPLACEMENT

524 4TH ST
DES MOINES, IOWA 50309

Sheet Name:	COVER SHEET
Scale:	N/A
Sheet:	MC

Revisions	Date	No.

MECHANICAL SYMBOLS



NOTE: NOT ALL SYMBOLS APPLY TO THIS PROJECT.

MECHANICAL DEMOLITION NOTES

MECHANICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON FIELD OBSERVATIONS AS LIMITED EXISTING DOCUMENTATION EXISTS. ADDITIONAL COMPONENTS MAY EXIST WHICH DO NOT SHOW, AND SUCH ITEMS SHALL BE DEALT WITH IN A MANNER SIMILAR TO THOSE ITEMS WHICH DO SHOW. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS.

CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH EXISTING MECHANICAL SYSTEMS WHICH WILL BE AFFECTED BY THE DEMOLITION WORK. CONTRACTOR SHALL OBTAIN PERMISSION FROM OWNER'S REPRESENTATIVE TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE IMMEDIATE DEMOLITION AREA. SUCH PERMISSION WILL BE GRANTED ONLY AFTER OWNER'S REPRESENTATIVE IS INFORMED OF THE REASON FOR AND DURATION OF THE SHUTDOWN AND IS SATISFIED THAT THE SHUTDOWN CAN BE MADE WITH AS LITTLE INCONVENIENCE TO OTHER AREAS AS POSSIBLE.

PIPING, HANGERS, DUCTWORK, GRILLES, REGISTERS, DIFFUSERS, ETC., SHOWN TO REMAIN ON PLANS SHALL REMAIN UNLESS NOTED OTHERWISE. SUPPORTS AND ALL APPURTENANCES OF EXISTING EQUIPMENT SHALL BE REMOVED UNLESS NOTED OTHERWISE. DISPOSAL SHALL BE DONE IN A TIMELY MANNER IN ACCORDANCE WITH THE GENERAL DEMOLITION WORK. COORDINATE WITH THE OWNER AND OTHER CONTRACTORS.

EQUIPMENT AND/OR MATERIALS SCHEDULED FOR ABANDONMENT AND REMOVAL ARE TO BECOME CONTRACTOR'S SALVAGE AND SHALL BE HAULED AWAY FROM THE SITE PROMPTLY.

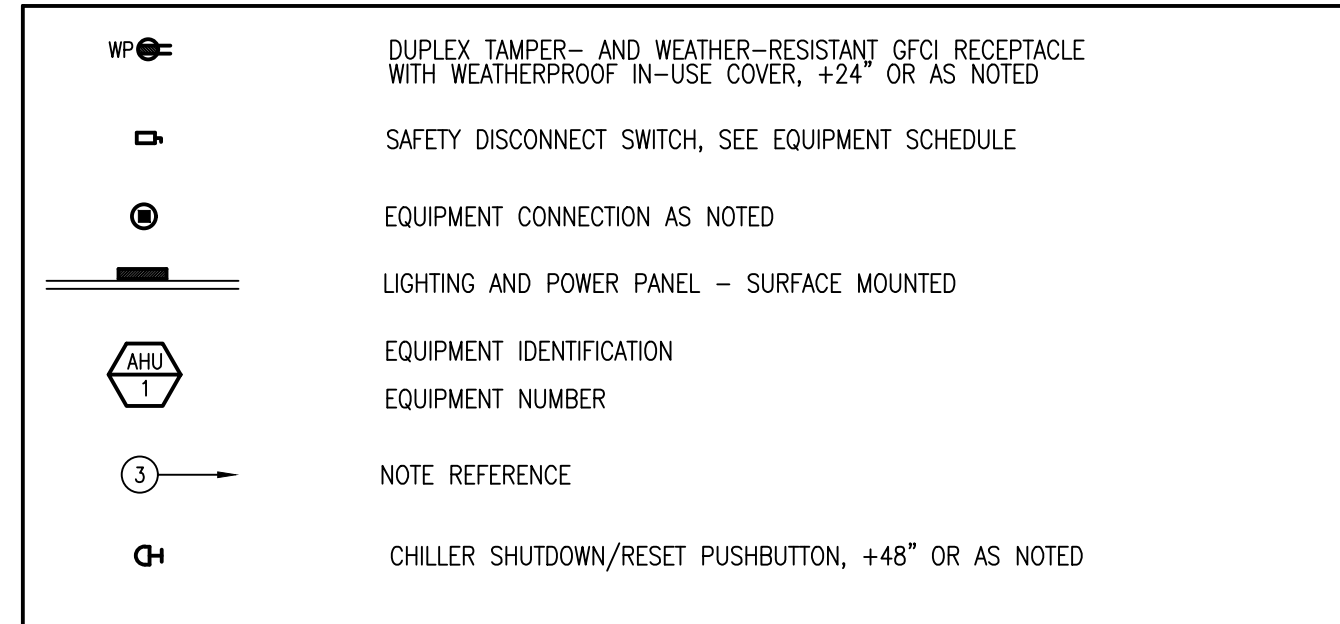
GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT OF EQUIPMENT FOUND TO BE DAMAGED OR NON-FUNCTIONAL DUE TO CONSTRUCTION PROCESS AFTER SUBSTANTIAL COMPLETION.

PROTECT ALL EXISTING CEILING TILES FROM DAMAGE DURING MOVEMENT AND CONSTRUCTION.

MECHANICAL PATCHING NOTES

CONTRACTOR SHALL PROTECT AND REPAIR EXISTING BUILDING FINISHES FROM WORK PERFORMED. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION TO MATCH ORIGINAL FINISHES.

ELECTRICAL SYMBOLS



NOTE: NOT ALL SYMBOLS APPLY TO THIS PROJECT.

GENERAL NOTES - ELECTRICAL

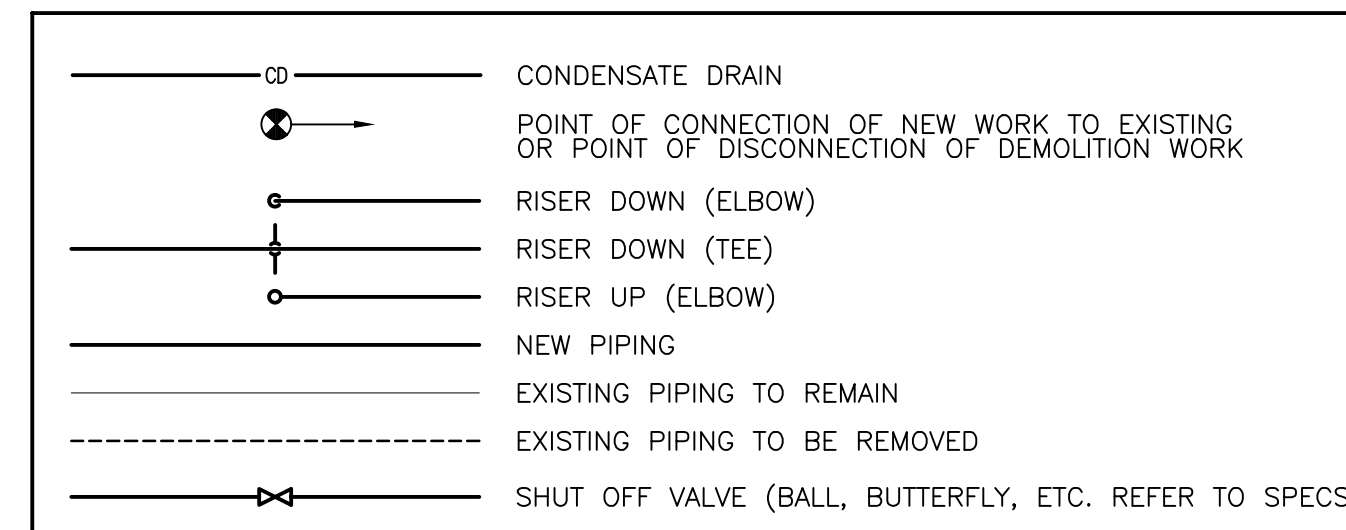
- COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. BEGIN INSTALLATION AND ROUGH-IN ONLY AFTER PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION IS COMPLETE. COORDINATE WITH BUILDING STRUCTURE, ARCHITECTURE, MECHANICAL SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, EQUIPMENT ACCESS/CLEARANCE, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REWORK OF INSTALLED EQUIPMENT RESULTING FROM INSUFFICIENT COORDINATION.
- ELECTRICAL DRAWINGS ARE ONLY A PORTION OF THE COMPLETE SET OF PLANS AND CONTRACT DOCUMENTS. THE ELECTRICAL SCOPE OF WORK IS DEFINED BY THE COMPLETE SET OF CONTRACT DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO REFERENCING; ARCHITECTURAL PLANS FOR DIMENSIONS AND DETAILS; EQUIPMENT PLANS FOR ROUGH-IN REQUIREMENTS, MECHANICAL PLANS FOR EQUIPMENT SIZES AND LOCATIONS.

CODE NOTES - ELECTRICAL

- PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH ALL STATE CODES.
- THE CURRENT ADOPED EDITION OF THE ELECTRICAL CODE IS THE STANDARD FOR THE ELECTRICAL INSTALLATION. VERIFY WITH LOCAL OFFICIALS WHEN PERMITS ARE OBTAINED. NOTIFY DESIGN TEAM OF ANY DISCREPANCIES BETWEEN THE PROJECT MANUAL OR DRAWINGS AND THE GOVERNING CODE.

DEVICE INSTALLATION AND MATERIALS - ELECTRICAL

- PROVIDE NORMAL WIRING DEVICES AS GRAY UNLESS OTHERWISE NOTED.
- PROVIDE DEVICES COVER PLATES AS STAINLESS STEEL. MATCH WIRING DEVICES COLOR.
- PROVIDE GFCI TYPE RECEPTACLES AT ALL LOCATIONS REQUIRED BY THE NEC.
- INSTALL WALL MOUNTED RECEPTACLES AT +18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.



HVAC GENERAL NOTES

MECHANICAL CONTRACTOR TO PROVIDE A COMPLETE HVAC SYSTEM, INCLUDING MECHANICAL EQUIPMENT, SUPPORTS, HANGERS AND ALL APPURTENANCES. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. INSTALL SYSTEM TO MEET ALL CITY AND STATE CODES AND REQUIREMENTS.

MECHANICAL GENERAL NOTES

COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

INCORPORATE INTO INSTALLATION MECHANICAL SPECIFICATIONS, DRAWINGS, STATE AND LOCAL CODES, AND OTHER APPLICABLE REQUIREMENTS.

ON COMPLETION OF THE INSTALLATION, MECHANICAL CONTRACTOR SHALL COOPERATE WITH THE OWNER TO PROVIDE ANY NECESSARY ADJUSTING AND BALANCING TO OBTAIN PROPER OPERATION OF ALL EQUIPMENT AND SYSTEMS. CONTRACTOR SHALL PROVIDE ALL FACILITIES AND EQUIPMENT, AND MAKE ALL TESTS, REQUIRED FOR ADJUSTMENTS AND BALANCING TO ESTABLISH THE PROPER PERFORMANCE OF ANY PIECE OF EQUIPMENT.

MECHANICAL WARRANTY NOTES

MECHANICAL CONTRACTOR SHALL WARRANT ALL EQUIPMENT AND INSTALLATION FOR A MINIMUM OF 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. AIR CONDITIONING REFRIGERATION SYSTEMS SHALL BE WARRANTED FOR A MINIMUM OF 5 YEARS FOR PARTS ONLY, NON-PRORATED, FROM THE DATE OF SUBSTANTIAL COMPLETION. THE WARRANTY SHALL APPLY TO COMPRESSORS, EVAPORATORS, AND CONDENSER COILS, HIGH AND LOW SIDE PIPING AND PIPING SPECIALTIES WHICH SHALL INCLUDE EXPANSION AND SOLENOID VALVES, RELIEF VALVES, FILTER-DRYER, AND SIGHT GLASSES. PRESSURE GAUGES AND PRESSURE SWITCHES ARE NOT UNDER THE EXTENDED WARRANTY EXCEPT FOR LOSS OF REFRIGERANT AND CONSEQUENTIAL DAMAGE TO THE SYSTEM WHICH WILL BE AN EXTENDED WARRANTY OBLIGATION. ALL DEFECTS THAT BECOME APPARENT WITHIN THE WARRANTY PERIOD SHALL BE REPAIRED BY THE MECHANICAL CONTRACTOR AS DIRECTED BY THE ENGINEER THROUGH THE OWNER'S REPRESENTATIVE. WARRANTY WILL NOT OBLIGATE THE MECHANICAL CONTRACTOR TO REPAIR DAMAGE RESULTING FROM ACCIDENT OR IMPROPER OPERATION OF CARE ON THE PART OF THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS AND OTHER WARRANTY INFORMATION.

MECHANICAL ABBREVIATIONS

ABSOR	ABSORPTION	EQUIP	EQUIPMENT	LDBT	LEAVING DRY BULB TEMPERATURE
ACU	AIR CONDITIONING UNIT	EST	EXTERNAL STATIC PRESSURE	LWT	LEAVING WATER TEMPERATURE
AD	ACCESS DOOR OR AREA DRAIN	EWBT	ENTERING WET BULB TEMPERATURE	LWBT	LEAVING WET BULB TEMPERATURE
AFF	ABOVE FINISHED FLOOR	EWG	ELECTRIC WATER COOLER	MB	MOP BASIN
AFG	ABOVE FINISHED GRADE	EWT	ENTERING WATER TEMPERATURE	MBH	1000 BTUH
AHU	AIR HANDLING UNIT	EX	EXISTING	MC	MECHANICAL CONTRACTOR
AV	AIR VENT	EXH	EXHAUST	MECH	MECHANICAL
BOT	BOTTOM	EXP	EXPANSION	MH	MANHOLE
BTU	BRITISH THERMAL UNIT	FAI	FRESH AIR INTAKE	NTS	NOT TO SCALE
BTUH	BTU PER HOUR	FCU	FAN COIL UNIT	OA	OUTSIDE AIR
CA	COMPRESSED AIR	FD	FLOOR DRAIN	OD	OVERFLOW ROOF DRAIN
CB	CATCH BASIN	FLEX	FLEXIBLE	PSI	POUNDS PER SQUARE INCH
CENT	CENTRIFUGAL	FLR	FLOOR	PRV	POWER ROOF VENTILATOR
CFM	CUBIC FEET PER MINUTE	FPM	FEET PER MINUTE	PRV	PRESSURE REDUCING VALVE
CI	CAST IRON	FPS	FEET PER SECOND	PV	PRESSURE VENT
CL	CENTER LINE	FS	FLOOR SINK	PVC	POLYVINYL CHLORIDE
COND	CONDENSATE	FT	FINTUBE	RA	RETURN AIR
CO	CLEAN OUT	FTG	FOOTING	RD	ROOF DRAIN
CONC	CONCRETE	GA	GAGE	RH	RELATIVE HUMIDITY
CONTR	CONTRACTOR	GAL	GALLON	RTU	ROOF TOP UNIT
CP	CONDENSATE PUMP	GALV	GALVANIZED	RV	RELIEF VALVE
CRAC	COMPUTER ROOM AIR CONDITIONER	GC	GENERAL CONTRACTOR	SK	SINK
CJ	COPPER	GPH	GALLONS PER HOUR	SA	SUPPLY AIR
CWP	CIRCULATING WATER PUMP	GPM	GALLONS PER MINUTE	SH	SHOWER
DDC	DIRECT DIGITAL CONTROLS	H	WALL HYDRANT	SP	STATIC PRESSURE
DN	DOWN	HR	HOUR	TCC	TEMPERATURE CONTROL CONTRACTOR
DR	DRAIN	HTG	HEATING	TYP	TYPICAL
DS	DOWNSPOUT	HB	HOSE BIBB	UC	UNDER CUT
EA	EXHAUST AIR	ISP	INTERNAL STATIC PRESSURE	UH	UNIT HEATER
EAT	ENTERING AIR TEMPERATURE	JR	JANITOR RECEPTOR	UR	URNAL
EC	ELECTRICAL CONTRACTOR	LAV	LAVATORY	UV	UNIT VENTILATOR
EDT	ENTERING DRY BULB TEMPERATURE			VTR	VENT THROUGH ROOF
EF	EXHAUST FAN			WC	WATER CLOSET
EJ	EXPANSION JOINT			WH	WATER HEATER

NOTE: NOT ALL ABBREVIATIONS ARE USED ON THIS PROJECT.

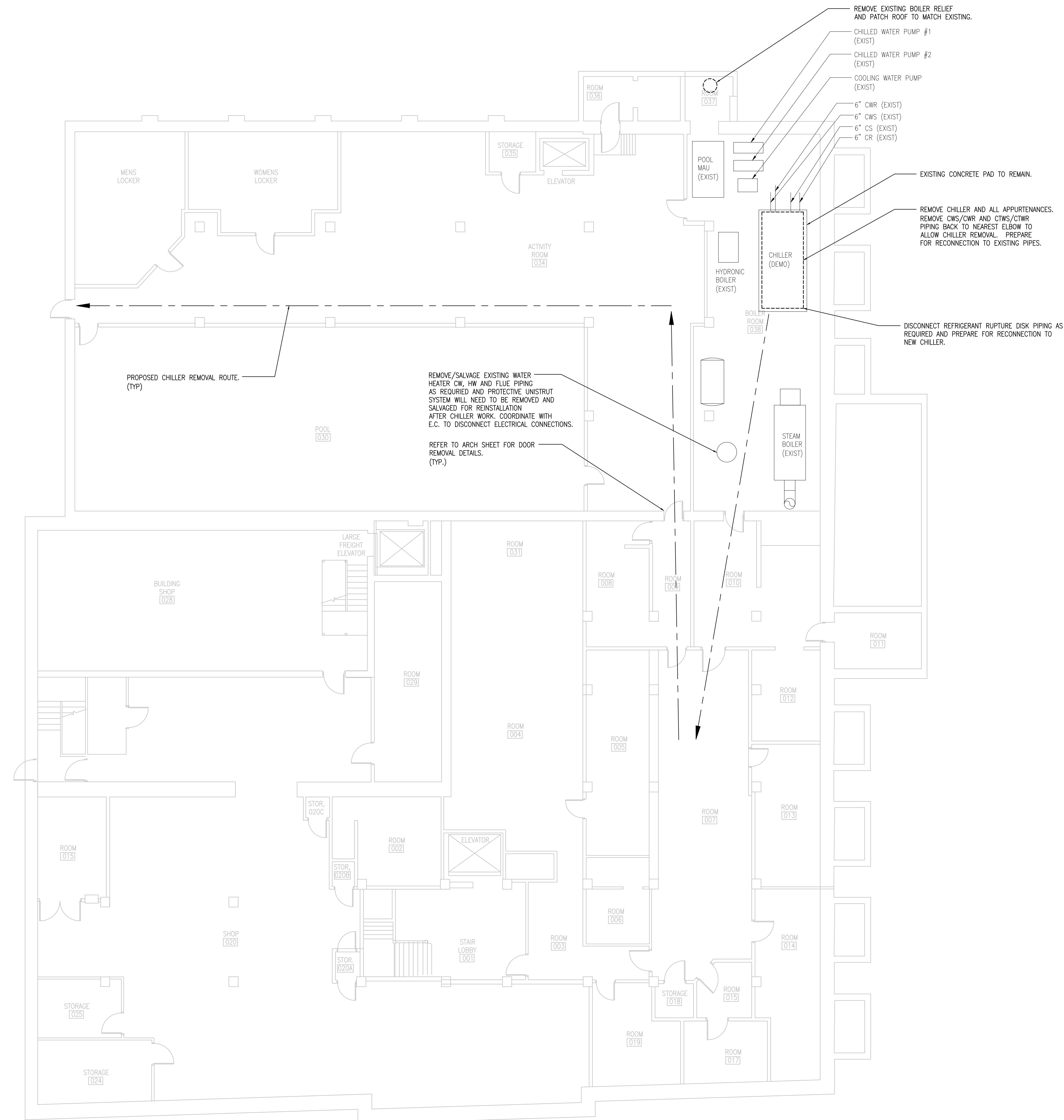
ELECTRICAL ABBREVIATIONS

AAC	ABOVE ACCESSIBLE CEILING	N	NEW DEVICE IN EXISTING LOCATION
ACT	DEVICE MOUNTED +8" ABOVE COUNTER TOP (VERIFY LOCATION)	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NM	NONMETALLIC
AFG	ABOVE FINISHED GRADE	NTS	NOT TO SCALE
AIC	AMPS INTERRUPTING CAPACITY	OC	ON CENTER
ATS	AUTOMATIC TRANSFER SWITCH	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
BKR	BREAKER	OFOI	OWNER FURNISHED, OWNER INSTALLED
C	CONDUIT	PC	PHOTOCELL
CATV	CABLE TELEVISION	R	EXISTING ITEM TO BE REMOVED
CB	CIRCUIT BREAKER	RN	EXISTING ITEM TO BE REMOVED AND NEW ITEM REINSTALLED
CKT	CIRCUIT	RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
CSB	CENTRAL SWITCH BANK	RRG	ROOM REFERENCE GROUNDING POINT
DPST	DOUBLE POLE SINGLE THROW	SES	SERVICE ENTRANCE SWITCHBOARD
E	EXISTING ITEM TO REMAIN	SJB	SOUND JUNCTION BOX
EC	ELECTRICAL CONTRACTOR	SN	SOLID NEUTRAL
EM	EMERGENCY LIGHT FIXTURE	SPDT	SINGLE POLE DOUBLE THROW
EPG	EQUIPOTENTIAL GROUNDING BUS	SPST	SINGLE POLE SINGLE THROW
ER	NEW LOCATION OF EXISTING ITEM	TB	TERMINAL BOARD
F	ROUGH IN FOR FUTURE DEVICE	TCP	TEMPERATURE CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL	TFA	TO FLOOR ABOVE
FACP	FIRE ALARM CONTROL PANEL	TL	TWIST LOCK RECEPTACLE
FBO	FURNISHED BY OTHERS	TP	TAMPER PROOF
FFB	FROM FLOOR BELOW	TTB	TELEPHONE TERMINAL BOARD
GF	GROUND FAULT CIRCUIT INTERRUPTER	TV	TELEVISION
GP	GROUND FAULT PROTECTED	TYP	TYPICAL
GND	GROUND	UC	UNDERCOUNTER
HOA	HAND OFF AUTOMATIC	UF	DEVICE UNDER RAISED FLOOR
JB	JUNCTION BOX	UPS	UNINTERRUPTIBLE POWER SUPPLY
K	KEYED	VG	VANDAL GUARD COVER
LC	LIGHTING CONTACTOR	VIF	VERIFY IN FIELD
MC	MECHANICAL CONTRACTOR	VL	VERIFY LOCATION
MCB	MAIN CIRCUIT BREAKER	VP	VANDAL PROOF
MDP	MAIN DISTRIBUTION PANEL	VR	VANDAL RESISTANT
MH-P	MANHOLE - POWER	WG	WIREGUARD COVER
MH-S	MANHOLE - SIGNAL	WP	WEATHERPROOF DEVICE
MLO	MAIN LUGS ONLY	WR	WEATHER RESISTANT DEVICE
MSS	MOTOR STARTER SWITCH	XFMR	TRANSFORMER
		+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR

BOTH ELECTRICAL AND MECHANICAL WORK ARE SHOWN ON THE SAME SHEETS. CONTRACTORS ARE RESPONSIBLE TO REVIEW ALL SHEETS TO DETERMINE THEIR SCOPE OF WORK.

GENERAL NOTES:

1. REFER TO MED00 FOR MECHANICAL GENERAL NOTES AND SYMBOLS.



1 OVERALL PLAN - MECHANICAL DEMO
SCALE: 1/8" = 1'-0"

IOWA DEPARTMENT OF THE BLIND CHILLER REPLACEMENT

524 4TH ST
DES MOINES, IOWA 50309

Sheet Name:

OVERALL PLAN - MECHANICAL DEMO

Scale:

1/8" = 1'-0"

Sheet:

MD100

© 2025 KCL Engineering, LLC
These documents have been prepared specifically for the
project and are not to be used on any other project or in other
circumstances without the expressed written approval and permission of
KCL Engineering, LLC. A limited license is granted to the
owner/contractor to reproduce these documents in portions thereof,
but only for use in connection with this project.
Unauthorized reproduction is prohibited.



EXISTING OPENING: 40" X 88"

INTENDED WORK FOR DOOR:
DEMO AND REMOVE EXISTING HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PREP EXISTING OPENING FOR NEW OPENING.
PROVIDE NEW THERMALLY BROKEN, GALVANIZED HOLLOW METAL FRAME TO FILL EXISTING OPENING.
DOOR AND FRAME REQUIREMENTS:
- FULLY WELDED CONSTRUCTION
- 18 GA CONSTRUCTION (FRAME AND DOOR)
- A60 GALVANNEALED STEEL DOOR AND FRAME WITH COUNTERSUNK FASTENERS
- DOOR TO BE SEAMLESS EDGE DESIGN
- PAINT DOOR AND FRAME TO MATCH EXISTING (EXTERIOR AND INTERIOR TO BE PAINTED DIFFERENT COLOR).
B.O.D. CECO MERCURY 3 THERMAL BREAK FRAMES WITH LEGION DOORS OR SIM.

1 DOOR A - EXTERIOR
1/8" = 1'-0"



EXISTING OPENING: 40" X 88"

INTENDED WORK FOR DOOR:
DEMO AND REMOVE EXISTING HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PREP EXISTING OPENING FOR NEW OPENING.
PROVIDE NEW GALVANIZED HOLLOW METAL FRAME TO FILL EXISTING OPENING. DOOR AND FRAME REQUIREMENTS - SEE DETAIL 1.

PROVIDE NEW DOOR HARDWARE AS FOLLOWS:
(4) HINGE, FULL MORTISE, HVY WT T443786 4-1/2" X 4-1/2" US26D MK US32D SA
(1) RIM EXIT DEVICE, PASSAGE PER515 NEP EN SA
- MEDECO CORE FOR LOCKING TO BE PROVIDED BY OWNER. US32D AH
(1) SURFACE CLOSER 351 P10 581-2 351-D MILL NAT
(1) SURF OVERHEAD STOP 902 A MILL NAT
(1) SEAL 160V X 6X3/4-TEKS X SIZE ZER
(1) DOOR SHOE 153A X SIZE ZER
(1) THRESHOLD 428E X SIZE NAT
(1) GASKETING 488S-BK 18' PSA ZER

PATCH DRY WALL AS REQUIRED AFTER NEW FRAME INSTALL TO MATCH EXISTING CONDITIONS.

PROTECT ALL EXISTING FINISHES TO REMAIN.

2 DOOR A - INTERIOR
1/8" = 1'-0"



INTENDED WORK FOR DOOR:
DEMO EXISTING FRAME COMPLETE. PATCH WALL BACK WITH DRYWALL TO MATCH EXISTING WALL CONDITIONS.

PROVIDE NEW PRIMED METAL CORNER GUARD (3" X 3" X 48" TALL) - BABCOCK DAVIS OR SIMILAR. PAINT WALL AND CORNER GUARD TO MATCH EXISTING CONDITIONS.

PROTECT ALL EXISTING FINISHES TO REMAIN.

3 DOOR C.1
1/8" = 1'-0"



INTENDED WORK FOR DOOR:
DEMO EXISTING FRAME COMPLETE. PATCH WALL BACK WITH DRYWALL TO MATCH EXISTING WALL CONDITIONS.

PROVIDE NEW PRIMED METAL CORNER GUARD (3" X 3" X 48" TALL) - BABCOCK DAVIS OR SIMILAR. PAINT WALL AND CORNER GUARD TO MATCH EXISTING CONDITIONS.

PROTECT ALL EXISTING FINISHES TO REMAIN.

4 DOOR C.2
1/8" = 1'-0"



INTENDED WORK FOR DOOR:
REMOVE, SALVAGE AND REINSTALL DOOR AND HARDWARE FOR DEMO AND REPLACEMENT WORK. EXISTING FRAME TO REMAIN IN PLACE. AT COMPLETION OF PROJECT REINSTALL DOOR AND HARDWARE TO EXISTING CONDITIONS. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONTRACTOR WORK. TOUCH UP OF PAINT ON FRAME BY OWNER.

PROTECT ALL EXISTING FINISHES TO REMAIN.

5 DOOR D.1
1/8" = 1'-0"



INTENDED WORK FOR DOOR:
REMOVE, SALVAGE AND REINSTALL DOOR AND HARDWARE FOR DEMO AND REPLACEMENT WORK. EXISTING FRAME TO REMAIN IN PLACE. AT COMPLETION OF PROJECT REINSTALL DOOR AND HARDWARE TO EXISTING CONDITIONS. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONTRACTOR WORK. TOUCH UP OF PAINT ON FRAME BY OWNER.

REMOVE AND REINSTALL WOOD STOPS ON DOORS AS REQUIRED FOR DEMO AND REPLACEMENT WORK. (EACH SIDE).

6 DOOR D.2
1/8" = 1'-0"



EXISTING OPENING: 38 3/4" X 89" (BEYOND) FRAME TO FRAME OPENING: 38 1/2" X 83 1/2"

INTENDED WORK FOR DOOR:
REMOVE, SALVAGE AND REINSTALL DOOR AND HARDWARE FOR DEMO AND REPLACEMENT WORK. EXISTING FRAME TO REMAIN IN PLACE. AT COMPLETION OF PROJECT REINSTALL DOOR AND HARDWARE TO EXISTING CONDITIONS. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONTRACTOR WORK. TOUCH UP OF PAINT ON FRAME BY OWNER.

7 DOOR E.1
1/8" = 1'-0"



EXISTING OPENING: 38 3/4" X 89" FRAME TO FRAME OPENING: 38 1/2" X 83 1/2"

INTENDED WORK FOR DOOR:
REMOVE, SALVAGE AND REINSTALL DOOR AND HARDWARE FOR DEMO AND REPLACEMENT WORK. EXISTING FRAME TO REMAIN IN PLACE. AT COMPLETION OF PROJECT REINSTALL DOOR AND HARDWARE TO EXISTING CONDITIONS. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONTRACTOR WORK. TOUCH UP OF PAINT ON FRAME BY OWNER.

PROTECT EXISTING JAMBS AS REQUIRED DURING WORK.

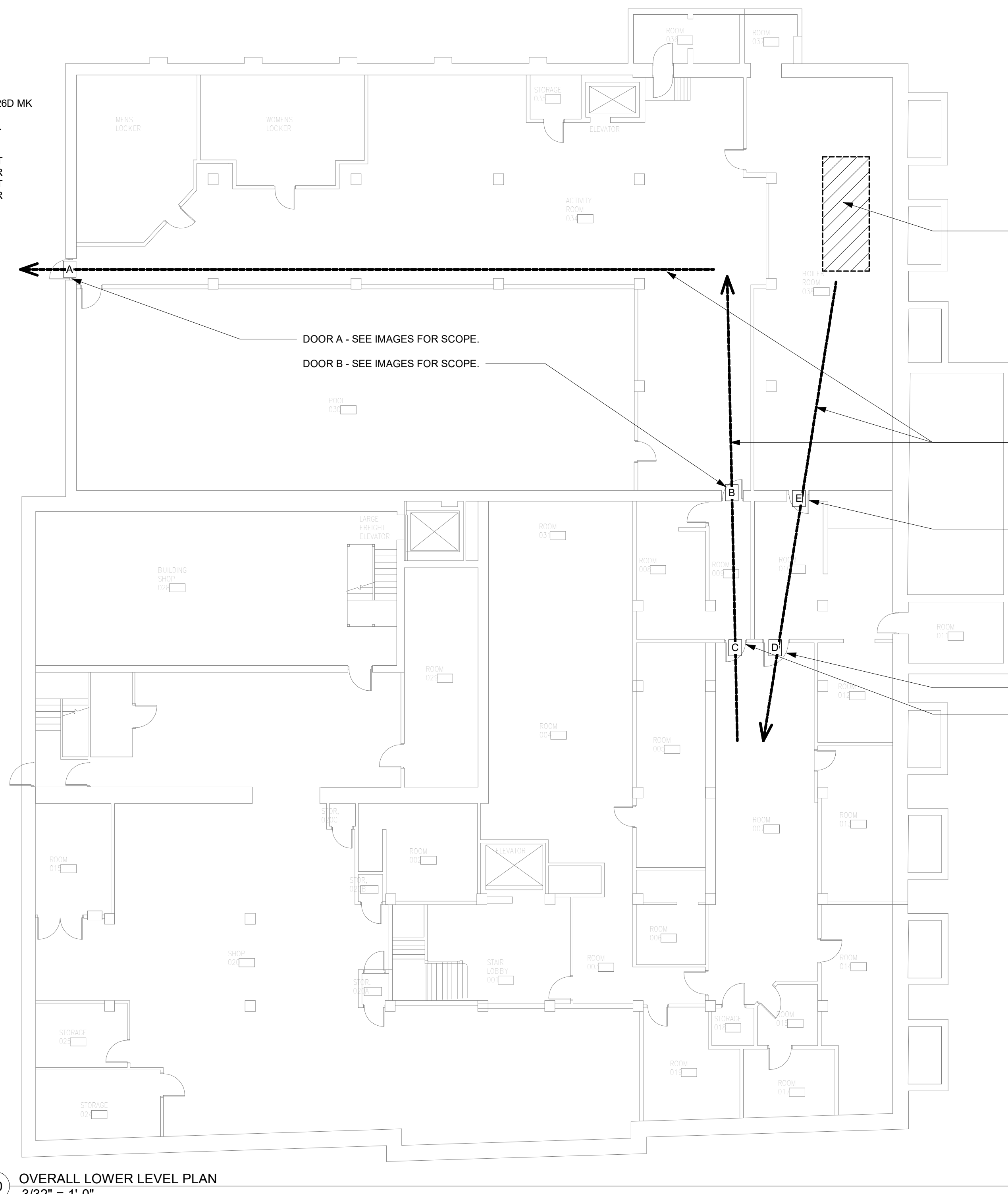
8 DOOR E.2
1/8" = 1'-0"



EXISTING OPENING: 38 3/4" X 89" (BEYOND) FRAME TO FRAME OPENING: 38 1/2" X 83 1/2"

INTENDED WORK FOR DOOR:
REMOVE, SALVAGE AND REINSTALL DOOR AND HARDWARE FOR DEMO AND REPLACEMENT WORK. EXISTING FRAME TO REMAIN IN PLACE. AT COMPLETION OF PROJECT REINSTALL DOOR AND HARDWARE TO EXISTING CONDITIONS. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONTRACTOR WORK. TOUCH UP OF PAINT ON FRAME BY OWNER.

9 DOOR B
1/8" = 1'-0"



© KCL Engineering.
These documents have been prepared specifically for the project identified above. They are not suitable for use on other projects. No liability is assumed for any errors or omissions. KCL Engineering, 310 4th Street, West Des Moines, IA 50265. All rights reserved. No part of these documents may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without the prior written permission of KCL Engineering.