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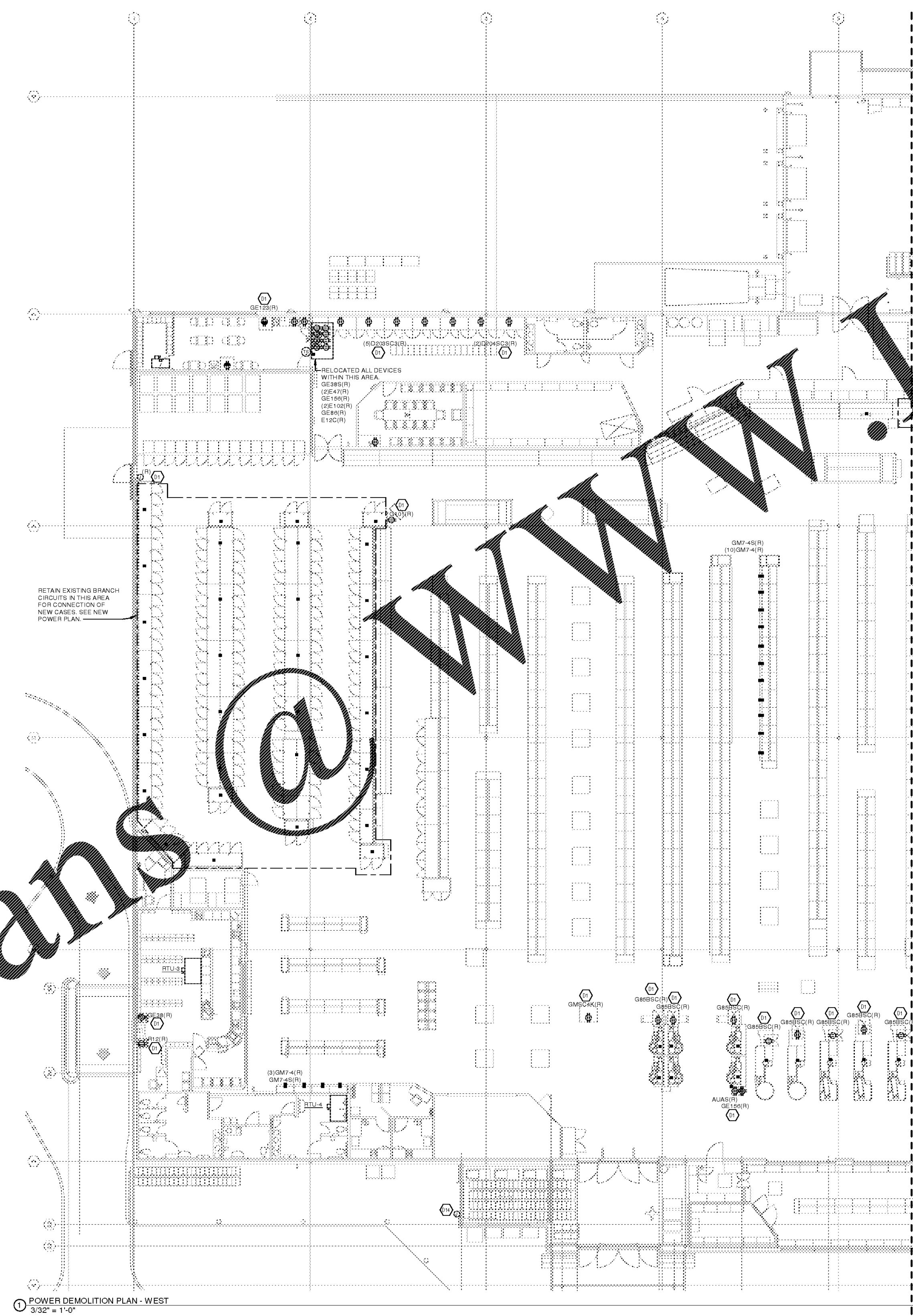

1 POWER DEMOLITION PLAN - WEST
3/32" = 1'-0"

ELECTRICAL DEMOLITION & TEMPORARY ELEC. NOTES

A. PROVIDE COMPLETE ELECTRICAL DEMOLITION AS REQUIRED FOR THE LIGHTING, POWER AND SYSTEMS WORK THROUGHOUT ALL PROJECT AREAS. UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS OR DETERMINED OTHERWISE DURING THIS CONTRACTOR'S PRE-DEMOLITION SURVEY, ALL ABANDONED EXISTING ELECTRICAL WORK IN THE PROJECT AREAS SHALL BE DISCONNECTED AND REMOVED IN ITS ENTIRETY BY THE ELECTRICAL CONTRACTOR. ALL RELATED WORK SHALL COMPLY WITH THE NOTES SPECIFIED HEREAFTER.

B. IT IS NOT THE INTENT OF THESE CONTRACT DOCUMENTS THAT EXISTING CONDITIONS BE ACCURATELY SHOWN. EXISTING ELECTRICAL WORK IS SHOWN TO A LIMITED EXTENT ON DRAWINGS AND IS SHOWN FOR GENERAL PLANNING/SCHEMATIC REFERENCE ONLY. THE ACCURACY OF THE LOCATIONS AND QUANTITIES SHOWN IS NOT GUARANTEED.

C. PRIOR TO SUBMITTING A BID, THE ELECTRICAL CONTRACTOR SHALL PERFORM A DETAILED WALK-THROUGH FIELD INSPECTION, TO REVIEW THE EXISTING STRUCTURES AND PREMISES, TO DETERMINE ALL EXISTING CONDITIONS, DEVICE/EQUIPMENT LOCATIONS, ETC., AND TO COMPARE THE ABOVE WITH CONTRACT DOCUMENTS AS REQUIRED TO MAKE ALL NECESSARY BASE BID ALLOWANCES FOR ALL REQUIRED ELECTRICALLY RELATED DEMOLITION AND NEW CONSTRUCTION WORK. NO SUBSEQUENT ALLOWANCE TO THE CONTRACT COST WILL BE MADE FOR ANY ERRORS OR OMISSIONS RESULTING FROM INSUFFICIENT REVIEW OF EXISTING CONDITIONS BY THE ELECTRICAL CONTRACTOR.

D. PROVIDE ALL NECESSARY DEMOLITION RELATED WORK AS REQUIRED TO CLEAR AND REMOVE ALL EXISTING ELECTRICAL WORK TO BE ABANDONED AND AS REQUIRED TO ACCOMMODATE ALL NEW WORK OF ALL TRADES. IN GENERAL, REMOVE ALL ABANDONED CONDUIT AND WIRING. EXTEND CONDUIT, WIRING, ETC., AS REQUIRED TO ACCOMMODATE NEW OR RELOCATED ELECTRICAL WORK. WHERE WIRING EXTENSIONS ARE REQUIRED FOR LOW VOLTAGE SYSTEMS WORK, COORDINATE IN ADVANCE WITH RESPECTIVE EQUIPMENT/SYSTEM VENDOR TO ENSURE THAT SPLICING METHODS WILL NOT COMPROMISE THE INTEGRITY OF THE SYSTEM.

E. IT IS RECOGNIZED THAT THERE MAY BE SOME CONDUIT SYSTEMS RENDERED INACTIVE BY DEMOLITION CAUSING DISCONNECTION OF "DOWNSTREAM" OUTLETS, ETC. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INVESTIGATE THESE TYPES OF CONDITIONS (FOR ALL SYSTEMS) PRIOR TO DEMOLITION. PROVIDE ALL NECESSARY CORRECTIVE ELECTRICAL WORK PRIOR TO DEMOLITION TO ENSURE THAT SUCH "DOWNSTREAM" DEVICES REMAIN PERMANENTLY ACTIVE THROUGHOUT DEMOLITION, NEW CONSTRUCTION AND AFTER PROJECT COMPLETION.

F. ALL WIRING, DEVICES, CONDUIT, ETC., CONFLICTING WITH CONSTRUCTION RELATED WORK OF ANY AND ALL TRADES SHALL BE REMOVED AND/OR RELOCATED BY THE ELECTRICAL CONTRACTOR AS NECESSARY AND/OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. ELECTRICAL DISCONNECTIONS (AND/OR RECONNECTIONS) FOR EQUIPMENT TO BE REMOVED (AND/OR RELOCATED) BY OTHER TRADES SHALL BE MADE BY THE ELECTRICAL CONTRACTOR.

G. EXCEPT WHERE REUSE IS INDICATED, REFER TO OWNER FOR DISPOSITION REQUIREMENTS OF REMOVED ELECTRICAL EQUIPMENT. FOR EQUIPMENT TO BE REUSED AND EQUIPMENT WHICH THE OWNER ELECTS TO RETAIN, PROTECT AND TRANSPORT SAME TO AN OWNER DESIGNATED AREA ON SITE AS DIRECTED IN FIELD. ALL REUSE EQUIPMENT SHALL BE CLEANED, CHECKED FOR PROPER OPERATION AND REINSTALLED AS INDICATED IN PROJECT MANUAL OR ON DRAWINGS.

H. ELECTRICAL EQUIPMENT TO BE REUSED AND SALVAGE MATERIALS RETAINED BY OWNER SHALL BE CAREFULLY REMOVED (UNDAMAGED) AND TURNED OVER TO OWNER. DISCONNECT (NOT JUST CUT) ALL WIRING & "WHIPS" FROM DEVICE TERMINAL POINTS AND CAREFULLY TRANSPORT TO AND NEATLY STORE AT AN ON-SITE STORAGE LOCATION AS DIRECTED IN FIELD. COMPONENTS SHALL BE NEATLY STORED AS GROUPS BY SYSTEM TYPE.

I. UNLESS DIRECTED OTHERWISE IN FIELD, ALL OTHER REMOVED DEMOLITION MATERIALS SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR WHO SHALL PROMPTLY REMOVE SAME FROM THE JOB SITE AND LEGALLY DISPOSE OF SAME.

J. REFER TO ARCHITECTURAL DRAWINGS FOR THE SPECIFIC DEFINITIONS OF DEMOLITION AREAS. REFER TO DRAWINGS OF OTHER TRADES FOR ELECTRICALLY RELATED DEMOLITION WORK WHICH MAY BE REQUIRED.

K. ALL ABANDONED CONDUITS SHALL BE CLEARED BACK TO RESPECTIVE SOURCES, EVEN IF SOURCES ARE OUTSIDE OF THE CONFINES OF THE PROJECT AREA. UNLESS DIRECTED OTHERWISE IN FIELD, ALL ABANDONED SYSTEMS CABLES SHALL BE DISCONNECTED AT BOTH ENDS AND REMOVED BACK TO RESPECTIVE SOURCES, EVEN IF SOURCES ARE OUTSIDE OF THE CONFINES OF THE PROJECT AREA. COORDINATE ALL WORK CAREFULLY WITH OWNER PRIOR TO BEGINNING ANY ELECTRICAL DEMOLITION WORK.

L. DETERMINE IN FIELD WHICH OF THE EXISTING BRANCH CIRCUITS WILL REMAIN ACTIVE. RECONNECT AND SCHEDULE SAME AS REQUIRED. EXISTING BRANCH CIRCUIT WIRING, NOT CONFLICTING WITH NEW CONSTRUCTION, MAY BE REUSED AT THE DISCRETION OF THE ELECTRICAL CONTRACTOR. IF SO, ENSURE THAT ALL REUSED SHARED NEUTRALS ARE PROPERLY BALANCED WITH THE RIGHT PHASE CONDUCTORS, ENSURE THAT CONDUCTOR INSULATION IS PROPERLY COLOR-CODED FOR ALL REUSED CONDUCTORS, AND ENSURE ALL CIRCUIT IDENTIFICATION BANDS ARE CORRECT ON ALL CONDUCTORS. RETYPE PANELBOARD DIRECTORIES FOR ALL PANELBOARDS AFFECTED BY THIS PROJECT.

M. PROVIDE NEW CONDUIT AS REQUIRED. ROUTING OF ALL NEW EXPOSED CONDUIT WORK IN THE EXISTING BUILDING SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION AND SHALL BE MOUNTED AS HIGH AS POSSIBLE IN ALL CASES. ALL WIRING SHALL BE NEW. EXISTING BRANCH CIRCUIT AND SYSTEMS CONDUIT, NOT CONFLICTING WITH NEW CONSTRUCTION, MAY BE REUSED AT THE DISCRETION OF THE ELECTRICAL CONTRACTOR. DO NOT EXCEED NEC REQUIRED CONDUIT FILL AND DO NOT INSTALL WIRING FED FROM DIFFERENT SOURCES IN COMMON CONDUIT (SEE SPECIFICATIONS).

N. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY LIGHTING AND POWER WITHIN THE CONSTRUCTION SPACE. DERIVE TEMPORARY POWER FROM A LOCAL PANELBOARD AS DIRECTED BY OWNER'S REPRESENTATIVE. OWNER SHALL PAY FOR CURRENT FOR ALL TRADES. REFER TO GENERAL CONDITIONS. PROVIDE MINIMUM OF 10 FOOTCANDLES OF LIGHT AND PROVIDE GFI PROTECTION. INSTALLATION METHODS SHALL BE PER NEC.ALL PERMANENT WIRING SHALL BE INSTALLED IN CONDUIT. TEMPORARY BRANCH CIRCUIT POWER WIRING FOR PHASED CONSTRUCTION SHALL BE INSTALLED IN CONDUIT. TEMPORARY LOW VOLTAGE WIRING FOR PHASED CONSTRUCTION IS NOT REQUIRED TO BE INSTALLED IN CONDUIT, BUT MUST BE REMOVED AS SOON AS IT IS ABANDONED. PROVIDE ALL REQUIRED TEMPORARY POWER AND SYSTEMS WIRING/CONNECTIONS AS REQUIRED FOR ALL TEMPORARY OCCUPANCY AREA WHICH WILL BE USED TO ACCOMMODATE THE MULTIPLE CONSTRUCTION PHASES.

O. ALL WORK AND SYSTEM SHUTDOWNS SHALL BE CAREFULLY COORDINATED IN ADVANCE WITH OWNER'S REPRESENTATIVE AND ALL AFFECTED TRADES SO THAT NORMAL BUILDING ACTIVITIES AND OTHER CONSTRUCTION TRADES ARE MINIMALLY AFFECTED. ALL REQUIRED ELECTRICALLY RELATED DEMOLITION AND/OR NEW CONSTRUCTION WORK, WHICH WILL AFFECT ANY AND ALL OCCUPIED AREAS (INCLUDING THOSE WHICH ARE LOCATED OUTSIDE THE IMMEDIATE AREA OF PROJECT WORK) SHALL BE PERFORMED AT SPECIAL TIMES IF/AS DIRECTED BY OWNER'S REPRESENTATIVE IN FIELD.

P. WHERE INDICATED ON DRAWINGS, REMOVE EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. IN AFFECTED AREAS AND PROTECT DURING DEMOLITION AND CONSTRUCTION PHASES. CLEAN AND REINSTALL/RELOCATE THESE EXISTING DEVICES AS INDICATED ON DRAWINGS. MODIFY AND /OR EXTEND RELATED EXISTING WIRING IN CONDUIT AS REQUIRED. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE HEREIN OR ON DRAWINGS, ALL ELECTRICAL WORK SHOWN ON NEW WORK PLANS SHALL BE NEW.

Q. IF ANY EXISTING CODE OR SAFETY VIOLATIONS ARE DISCOVERED BY THE ELECTRICAL CONTRACTOR, THEY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION (DETAILED IN WRITING) OF THE OWNER'S REPRESENTATIVE ALONG WITH THE CONTRACTOR'S PROPOSED COST FOR CORRECTIONS.

GENERAL POWER DEMOLTION NOTES

A. SEE ELECTRICAL SPECIFICATIONS FOR FURTHER GENERAL DEMOLITION RELATED REQUIREMENTS. COORDINATE ALL WORK CAREFULLY WITH OWNER'S REPRESENTATIVE(S). THE FOLLOWING NOTES APPLY FOR ALL ELECTRICAL SYSTEMS.

B. SELECTIVELY DISCONNECT AND REMOVE ALL ABANDONED EXISTING ELECTRICAL WORK THROUGHOUT THE FACILITY, AS REQUIRED TO ACCOMMODATE NEW WORK OF ALL TRADES, NEW LAYOUTS, REPLACEMENT SYSTEMS, ETC. REMOVE RELATED CONDUIT AND WIRING BACK TO NEAREST CONCEALED ACCESSIBLE JUNCTION BOX "UPSTREAM". EXTEND CONDUIT, WIRING, ETC. AS REQUIRED TO ACCOMMODATE NEW OR RELOCATED ELECTRICAL WORK. REMOVE ALL ABANDONED WIRING/CABLING BACK TO RESPECTIVE SOURCE.

C. IN WALLS AND CEILINGS THAT ARE TO BE DEMOLISHED, DISCONNECT AND REMOVE ALL EXISTING FIXTURES, DEVICES, WIRING, OUTLET BOXES, JUNCTION BOXES, CONDUIT, ETC. REMOVE ALL RELATED WIRING BACK TO SOURCE.

D. IN WALLS AND CEILINGS THAT ARE TO REMAIN IN RENOVATION AREAS, DISCONNECT AND REMOVE ALL EXISTING FIXTURES, DEVICES, WIRING & CONDUIT FOR ABANDONED ELECTRICAL WORK. REMOVE ALL RELATED WIRING BACK TO SOURCE. REMOVE OUTLET BOXES AND NEATLY PATCH FINISHED SURFACE IN ALL AREAS THAT WILL RECEIVE NEW FINISHES AND BE OCCUPIED AFTER RENOVATION. IN UNFINISHED AREAS, OUTLET BOXES MAY REMAIN - PROVIDE BLANK WALL PLATES. THIS NOTE ALSO APPLIES FOR EXISTING WORK THAT WILL BE RENDERRED INACCESSIBLE BY NEW FURNITURE AND EQUIPMENT LAYOUT.

E. NOTE THAT ADDITIONAL ELECTRICAL DEMOLITION RELATED WORK IS REQUIRED, ABOVE AND BEYOND THE WORK INDICATED ON THIS SHEET. REFER TO SPECIFICATIONS.

F. DASHED ARCHITECTURAL LINES INDICATE WALLS, DOORS, ETC. TO BE REMOVED BY OTHERS.

G. REMOVE ALL SURFACE MOUNTED BOXES, CONDUIT AND RACEWAY ASSOCIATED WITH ELECTRICAL DEMOLITION OF ANY EQUIPMENT/DEVICE SERVED FROM SAME.

H. PROVIDE NEW DEVICES & WALL PLATES FOR ALL RE-USED SWITCH/RECEPTACLE LOCATIONS, INDOOR AND OUTDOOR. REFER TO NEW WORK DRAWINGS TO DETERMINE IF SUCH DEVICE REPLACEMENTS SHALL INCLUDE SPECIAL REQUIREMENTS SUCH AS GFI RECEPTACLES, TVSS RECEPTACLES, QUADS, ETC. FIELD SURVEY THE ENTIRE FACILITY PRIOR TO SUBMITTING A BID SINCE NOT ALL SUCH EXISTING DEVICES ARE INDICATED ON DRAWINGS.

I. EXISTING WORK SHOWN HAS BEEN DERIVED FROM RECORD DOCUMENTS, AND HAS BEEN VERIFIED TO THE BEST OF OUR ABILITY. THIS WORK IS SHOWN FOR GENERAL SCHEMATIC PLANNING REFERENCE; IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.

J. WHERE APPLICABLE, ELECTRICAL CONTRACTOR MAY RE-USE EXISTING CONDUIT/ROUTING WHERE EXISTING CONDUIT (TYPE, MATERIAL, ETC.) MEETS SPECIFICATION STANDARDS. E.C. SHALL REMOVE ALL ABANDONED CONDUIT NOT USED IN THIS MANNER.

K. PROVIDE NEW CONDUIT/RACEWAY/DROPS, WALL OUTLET BOXES, WIRING, FITTINGS, ETC. AS NECESSARY TO FULFILL NEW WORK REQUIREMENTS. DETERMINE EXACT CONDITIONS/REQUIREMENTS IN FIELD AND PROVIDE ALL REQUIRED WORK.

L. PROVIDE ALL REQUIRED ELECTRICAL DISCONNECTIONS AND RECONNECTIONS FOR ALL CASES AND EQUIPMENT THAT ARE LOCATED IN AREAS WHERE NEW OR REPLACEMENT FLOORING MATERIALS OR FINISHES ARE BEING INSTALLED.

KEYED NOTES

D1	RELOCATE EXISTING EQUIPMENT/DEVICE INDICATED TO NEW LOCATION SHOWN ON NEW POWER PLAN.
D14	PULL ELECTRICAL WIRING BACK TO NEAREST JUNCTION BOX. RETAIN EXISTING CIRCUIT AND DEMOLISH EXISTING EQUIPMENT TO BE REPLACED WITH NEW. REFER TO NEW ELECTRICAL POWER PLANS FOR ADDITIONAL INFORMATION.

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POWER DEMOLITION PLAN - WEST

No.	Description	Date

BID ISSUE

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ED1.2.1

Project number 20168
Date 08/17/2018

2" REFERENCE LINE
JAD JAT

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