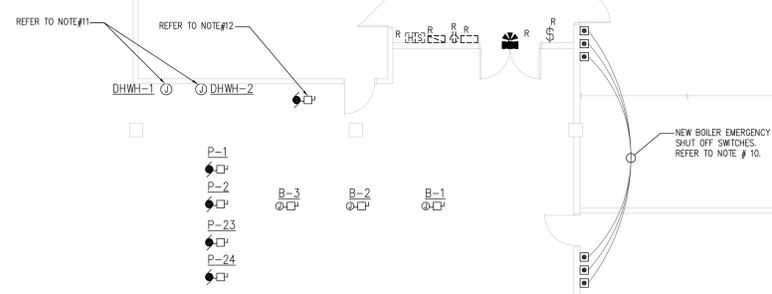
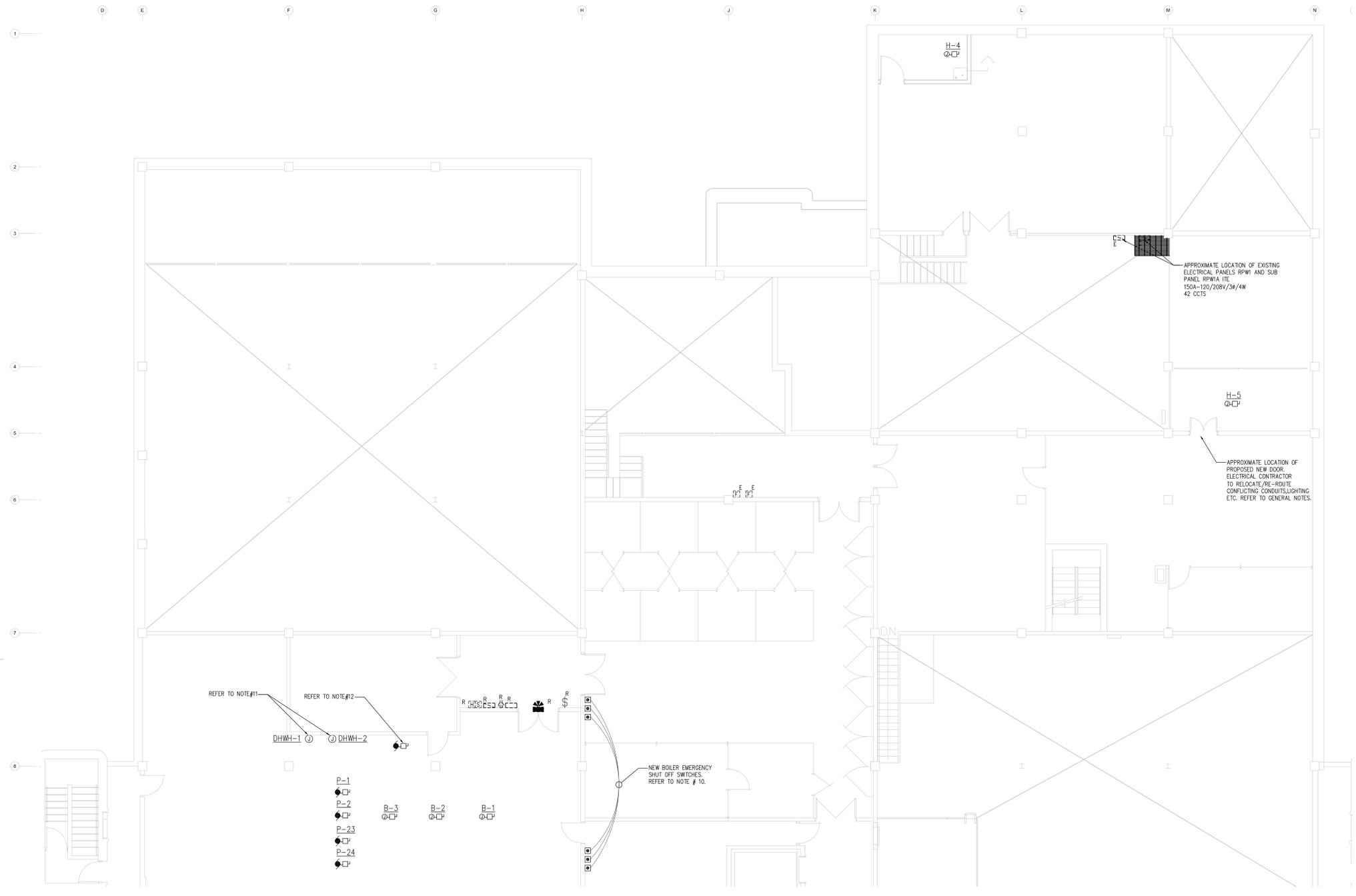


BUILDING KEY PLAN

LEGEND

- GENERAL NOTES:**
1. MAINTAIN THE INTEGRITY OF ALL EXISTING SYSTEMS REQUIRED TO REMAIN OPERATIONAL. IDENTIFY ALL CIRCUIT BREAKERS, WIRING, JUNCTION BOXES AND DEVICES PRIOR TO PROCEEDING WITH WORK. CONTACT DEPARTMENTAL REPRESENTATIVE IF UNSURE BEFORE SHUTDOWNS, DEMOLITION OR RELOCATION OF ANY DEVICES.
 2. ALL ITEMS SHOWN DASHED WITH AN "E" ARE EXISTING AND ARE TO REMAIN. ITEMS SHOWN DASHED WITH A "D" ARE TO BE DISCONNECTED AND REMOVED AND HAVE ALL ASSOCIATED WIRE AND CONDUIT REMOVED BACK TO SOURCE.
 3. WIRE AND CONDUIT SERVING DEVICES REQUIRED TO REMAIN IN USE SHALL BE RE-ROUTED AND DIVERTED AS REQUIRED TO MAINTAIN OPERATION. EXTEND, RE-ROUTE, RE-WIRE AND RE-CONNECT AS REQUIRED. CONFIRM EXISTING ON SITE.
 4. PROVIDE NEW BLANK STAINLESS STEEL COVERPLATES FOR ALL ABANDONED OUTLETS.
 5. REPORT ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND SITE OBSERVATIONS TO DEPARTMENTAL REPRESENTATIVE.
 6. NOT ALL DEVICES AND ELECTRICAL EQUIPMENT IS BEING SHOWN ON ELECTRICAL DRAWINGS. REMOVE ALL EXISTING ELECTRICAL DEVICES SHOWN OR NOT LOCATED ON INDICATED WALLS OR PORTIONS OF THE BUILDING BEING DEMOLISHED OR MODIFIED. MAINTAIN INTEGRITY OF ALL EXISTING ELECTRICAL SYSTEMS IN AREAS NOT INCLUDED IN THIS PROJECT AND IN PARTS OF THE BUILDING WITHIN RENOVATION THAT ARE NOT SUBJECTED TO ANY DEMOLITION WORK.
 7. REFER TO SYMBOL SCHEDULE FOR ELECTRICAL SYMBOLS AND LETTER DESIGNATIONS.
 8. ALL EXISTING DEVICES ON WALLS, FLOORS OR CEILING NOT BEING AFFECTED BY RENOVATION ARE TO REMAIN.
 9. SYSTEMS AND DEVICES IN AREAS OF LIMITED SCOPE OF WORK AREAS TO REMAIN OPERATIONAL PROVIDE ALL MODIFICATIONS TO ACCOMMODATE SCOPE OF WORK.
 10. PROVIDE THREE (3) NEW ENCLOSED EMERGENCY STOP PUSHBUTTONS FOR NEW BOILERS. LABEL EACH PUSHBUTTON TO READ "EMERGENCY BOILER # SHUTDOWN". SWITCHES TO BE IN BOTH LOCATIONS AS INDICATED.
 11. EXTEND, RE-ROUTE, RE-WIRE AND RECONNECT NEW DHWH'S TO EXISTING CIRCUITS. CONFIRM EXISTING ON SITE.
 12. EXTEND, RE-ROUTE, RE-WIRE AND RECONNECT NEW HOT WATER RECIRCULATION PUMP TO EXISTING CIRCUIT. CONFIRM EXISTING ON SITE.



NEW BOILER EMERGENCY SHUT OFF SWITCHES. REFER TO NOTE # 10.

1 MECHANICAL ROOM 2670 & SHOP AREA - NEW ELECTRICAL LAYOUT

PROFESSIONAL ENGINEER
 HA
 CEACANAS
 MEMBER 2015
 2015-03-20
 SASKATCHEWAN
SASKATCHEWAN

Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
HDK Consulting Incorporated
 Number 30340

Permission to Consult held by:
 Discipline: ELECTRICAL St. Reg. No.: 26785 Signature: [Signature]

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revisions	description	date
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0	ISSUED FOR BEE REVIEW	28-APR-2017

NHRC MECHANICAL UPGRADES BOILERS REPLACEMENT
 NATIONAL HYDROLOGY RESEARCH CENTRE
 11 INNOVATION BOULEVARD
 SASKATOON, SASKATCHEWAN

drawing: MECH. ROOM 2670 & SHOP AREA ELETRICAL LAYOUT

Designed By PL 2017/04/28	Conçu par PL (yyyy/mm/dd)
Drawn By RD 2017/04/28	Dessiné par RD (yyyy/mm/dd)
Reviewed By HCC 2017/06/19	Examiné par HCC (yyyy/mm/dd)
Approved By HCC 2017/06/23	Approuvé par HCC (yyyy/mm/dd)
Tender	Soumission
Project Manager NIKOLAS FEHR	Administrateur de projet
EC Proj no. NHRC-010	Consultant Proj no. 16131
Drawing no.	No. du dessin

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