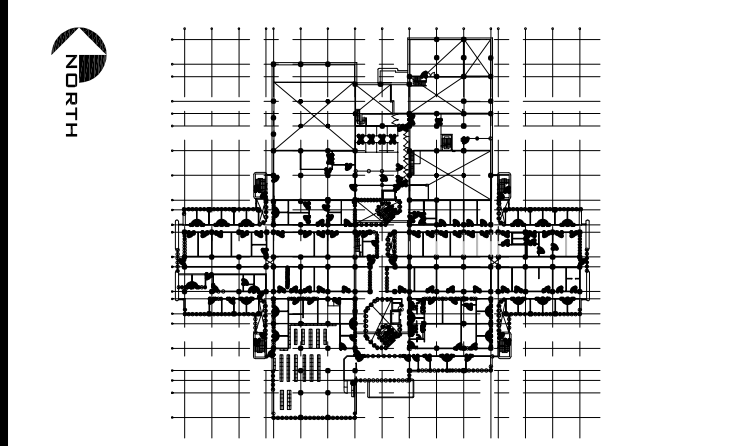


- GENERAL NOTES:
- DO NOT SCALE THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
 - CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
 - FIRE STOP ALL PIPE PENETRATIONS WHERE THEY PASS THROUGH FIRE RATED WALLS. CONFORM ON SITE FOR LOCATION OF RATED WALLS AND THEIR RATING IN HOURS.
 - CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
 - CHECK FOR ASBESTOS BEFORE PERFORMING DEMOLITION WORK. ASBESTOS REMOVAL TO BE DONE BY OTHERS.
 - PIPING ROUTE AND SIZING WAS DRAFTED BASED ON SITE MARKUPS AND ORIGINAL DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
 - PROVIDE TEMPORARY HEATING AS REQUIRED. DO NOT USE NEW EQUIPMENT FOR THIS PURPOSE WITHOUT THE EXPRESS CONSENT OF THE ENGINEER. REFER TO DRAWING M12.
 - SCHEDULING OF ALL WORK SHALL BE ARRANGED WITH THE OWNER. COORDINATE THE SHUT-DOWN OF EXISTING UTILITIES AND SERVICES AS REQUIRED FOR CONNECTIONS OF NEW WORK. WORK WITHIN THE BUILDING MAY HAVE TO BE PERFORMED DURING NON-REGULAR HOURS, AND MUST CONFORM TO THE WORK RULES OF THE BUILDING, AS DIRECTED BY THE OWNER.

SYMBOL SCHEDULE:

xxx	EQUIPMENT TAG
X	KEYNOTE INDICATION
xxx	SYSTEM DESCRIPTION
xxx	SIZE DESCRIPTION
---	EXISTING SYSTEM TO REMAIN
---	EXISTING SYSTEM TO BE REMOVED
---	NEW SYSTEM
DHWS	DOMESTIC HOT WATER
DHRW	DOMESTIC HOT RECIRCULATED WATER
DCW	DOMESTIC COLD WATER
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
HWR-HT	HOT WATER RETURN (HIGH TEMPERATURE)
HWR-LT	HOT WATER RETURN (LOW TEMPERATURE)
RHS	RADIATION HEATING SUPPLY
RHR	RADIATION HEATING RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
CGS	COMPRESSORS GLYCOL SUPPLY
CGR	COMPRESSORS GLYCOL RETURN
NG	NATURAL GAS
STEAM	STEAM
CONDENSATE	CONDENSATE
E/A	EXHAUST AIR
V/A	VENTILATION AIR



BUILDING KEY PLAN

LEGEND



1	ISSUED FOR CONSTRUCTION	30-JUN-2017
0	ISSUED FOR REVIEW	28-APR-2017

A	A detail no.	A
C	C location drawing no.	B
	C drawing no.	C

project project

**NHRC
MECHANICAL UPGRADES
BOILERS REPLACEMENT**

NATIONAL HYDROLOGY RESEARCH CENTRE
11 INNOVATION BOULEVARD
SASKATOON, SASKATCHEWAN

drawing dessin

**MECHANICAL
KEYPLAN**

Designed By M/G	Conçu par
Date 2017/04/28	(yyyy/mm/dd)
Drawn By M/G	Dessiné par
Date 2017/04/28	(yyyy/mm/dd)
Reviewed By D/H	Examiné par
Date 2017/06/19	(yyyy/mm/dd)
Approved By D/H	Approuvé par
Date 2017/06/23	(yyyy/mm/dd)
Tender	Soumission
NIKOLAS FEHR	Administrateur de projets
EC Proj no.	Consultant Proj no.
NHRC-010	16131
Drawing no.	No. du dessin

M1