



1 SECOND FLOOR - PHASING DIAGRAM
M11 1:150

2 THIRD FLOOR - PHASING DIAGRAM
M11 1:150

PHASE	DESCRIPTION
P-1	PROVIDE NEW OPENINGS FOR TRANSPORTATION OF REMOVED AND NEW MATERIAL. INSTALL NEW DOORS.
P-2	ACTIVATE GALAXY BOILERS TO SUPPLY HEATING FOR THE BUILDING. PROVIDE AUXILIARY HEATING AS REQUIRED.
P-3	REMOVE OLD EQUIPMENT AND PIPING IN BOILER ROOM AND SHOP AREA.
P-4	INSTALL NEW GATWALK AND BUILD MECHANICAL ROOM 260A. PROVIDE NEW DOOR TO MEZZANINE 2630
P-5	PROVIDE GAS-TO-STEAM HUMIDIFIER IN THE SHOP AREA
P-6	INSTALL NEW BOILERS, PUMPS AND ASSOCIATED SYSTEMS IN THE BOILER ROOM. COMMISSION NEW BOILERS.
P-7	REMOVE OLD GALAXY BOILERS AND PIPING IN THE FAN ROOM AND TEMPORARY HEATING.
P-8	PROVIDE GAS-TO-STEAM HUMIDIFIERS IN THE FAN ROOM

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 ON-SITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
- FIRE STOP ALL PIPE PENETRATIONS WHERE THEY PASS THROUGH FIRE-RATED WALLS. CONFIRM 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.

Environment Canada
Real Property Management Division
Technical Services

Division Gestion des biens Immobiliers
Services Techniques

BUILDING KEY PLAN

- LEGEND

PROFESSIONAL ENGINEER
SASKATCHEWAN
DAVID
MEMBER 30273

Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
HDK Consulting Incorporated
Number: 35348

Permission to Consult held by:
Discipline: MECHANICAL, Sl. Reg. No.: 30273, Signature: [Signature]

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C	B 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

PHASING DIAGRAM

Designed By MG	Conçu par MG
Date: 2017/04/28	(yyyy/mm/dd)
Drawn By MG	Dessiné par MG
Date: 2017/04/28	(yyyy/mm/dd)
Reviewed By DJI	Examiné par DJI
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Tender	Submission
Project Manager NIKOLAS FEHR	Administrateur de projets NIKOLAS FEHR
EC Proj no. NHRC-010	Consultant Proj no. 16131
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