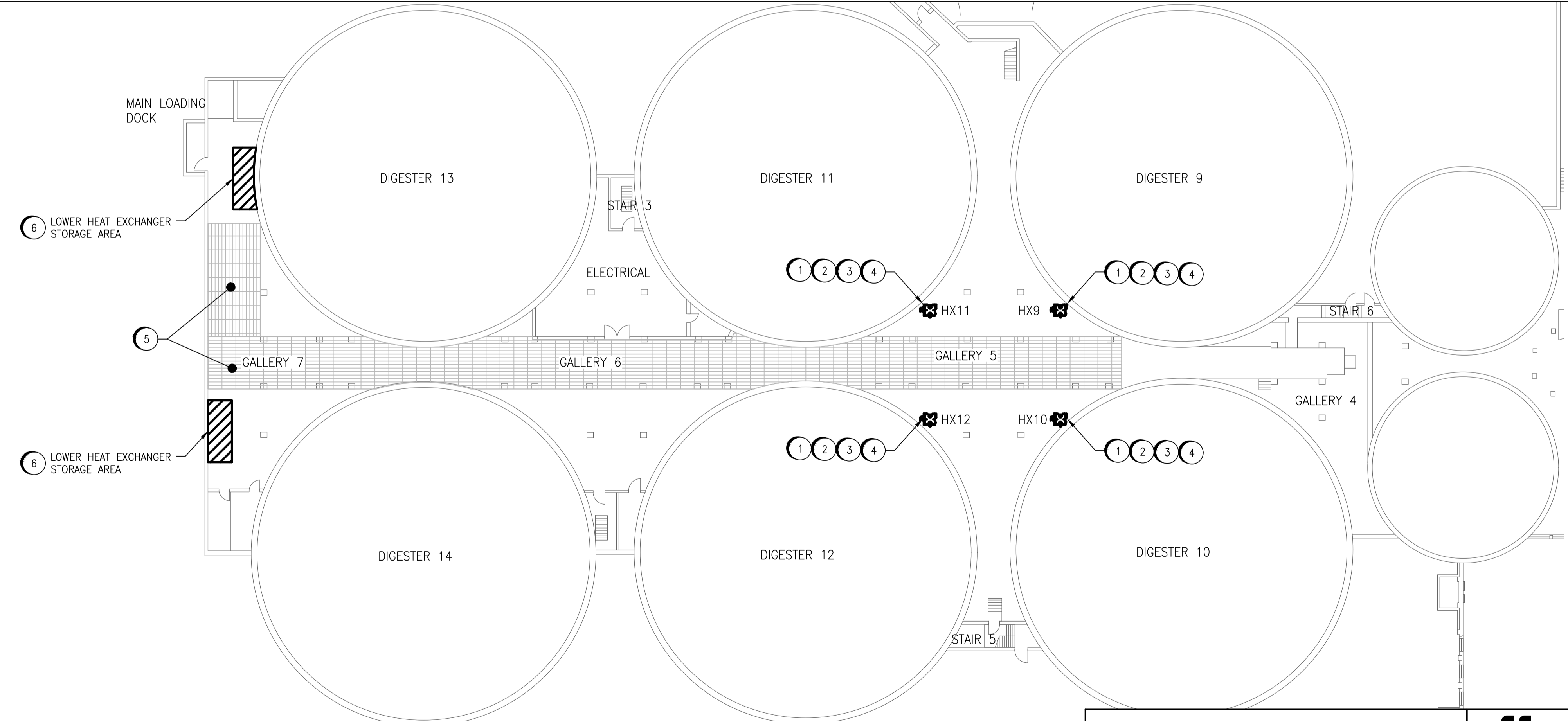
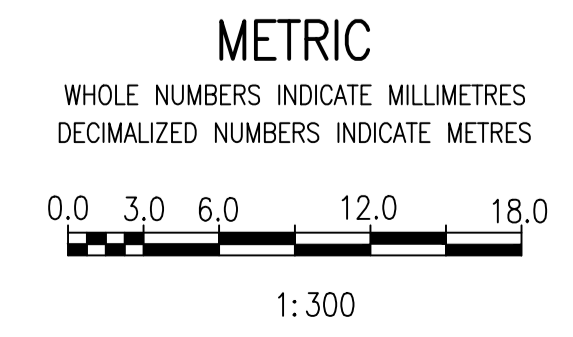


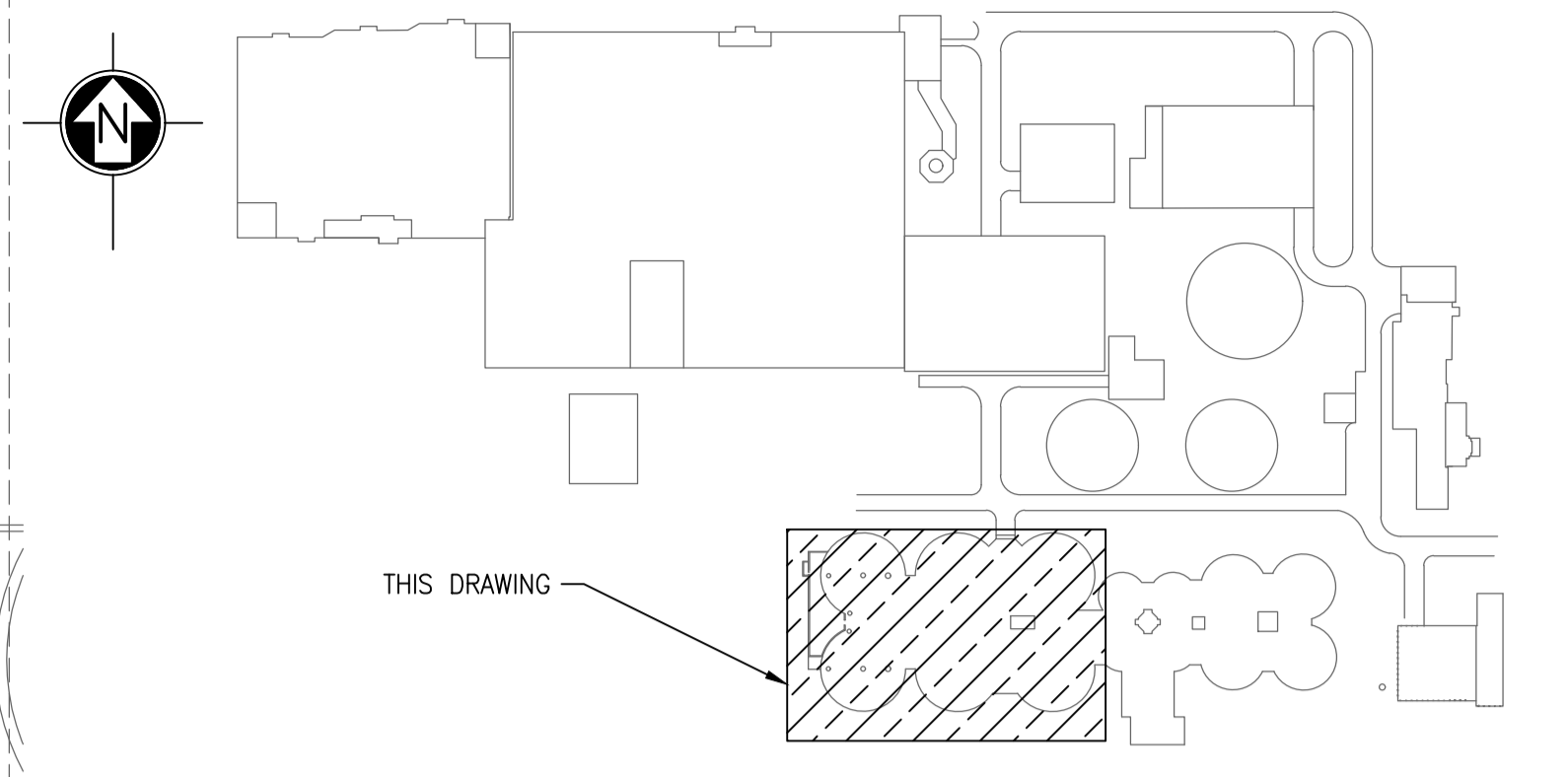
PARTIAL MAIN LEVEL PLAN
 SCALE: 1: 300



PARTIAL LOWER LEVEL PLAN
 SCALE: 1: 300

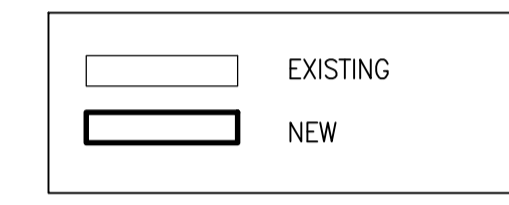


**ENGINEERS
 GEOSCIENTISTS
 MANITOBA**
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AtkinsRéalis Canada Inc.
 No. 4489



KEY PLAN
 SCALE: N.T.S.

LEGEND



CONSTRUCTION NOTES:

- ① REPLACE SPIRAL HEAT EXCHANGER.
- ② REPLACE EXISTING SLUDGE ISOLATION VALVES WITH BALL VALVES.
- ③ REPLACE HOT WATER MIXING VALVE, ACTUATOR, AND ASSOCIATED CONTROLS.
- ④ REPLACE EXISTING HOT WATER ISOLATION VALVES WITH BALL VALVES.
- ⑤ GRATED FLOOR AREA. PROVIDE SAFE WORK PLAN AS PER SPECIFICATIONS FOR SAFE TRANSPORT OF SPIRAL HEAT EXCHANGERS.
- ⑥ STORAGE AREA FOR SPIRAL HEAT EXCHANGERS. LOCATIONS TO BE CONFIRMED AT DELIVERY TIME.

| | | | | |
|-----|-------------------------|------------|--------|-------|
| 00 | ISSUED FOR CONSTRUCTION | 2024/03/04 | NL | SSN |
| NO. | REVISIONS | DATE | DESIGN | CHECK |

AtkinsRéalis
 148 Nature Park Way, Winnipeg, Manitoba
 Canada R3P 0X7 204-786-8080

| | |
|---------------------------|--------------------------------|
| DESIGNED BY: N. LEE | CHECKED BY: S. NORSWORTHY |
| DRAWN BY: D. CALVERLEY | APPROVED BY: --- |
| SCALE: N.T.S. | ISSUED FOR CONSTRUCTION BY: |
| DATE: 2024-01-29 | DATE: |
| CONSULTANT NO.: 697344 | |

ENGINEER'S SEAL

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
 DIGESTER HEAT EXCHANGER REPLACEMENT
 MECHANICAL
 SPIRAL HEAT EXCHANGER
 PARTIAL MAIN AND LOWER PLAN VIEW

| | | | |
|-------------------------------------|--------------|------------|------------|
| CITY DRAWING NUMBER 1-0101-M0001 | SHEET 001 | REV. 00 | SIZE A1 |
|-------------------------------------|--------------|------------|------------|