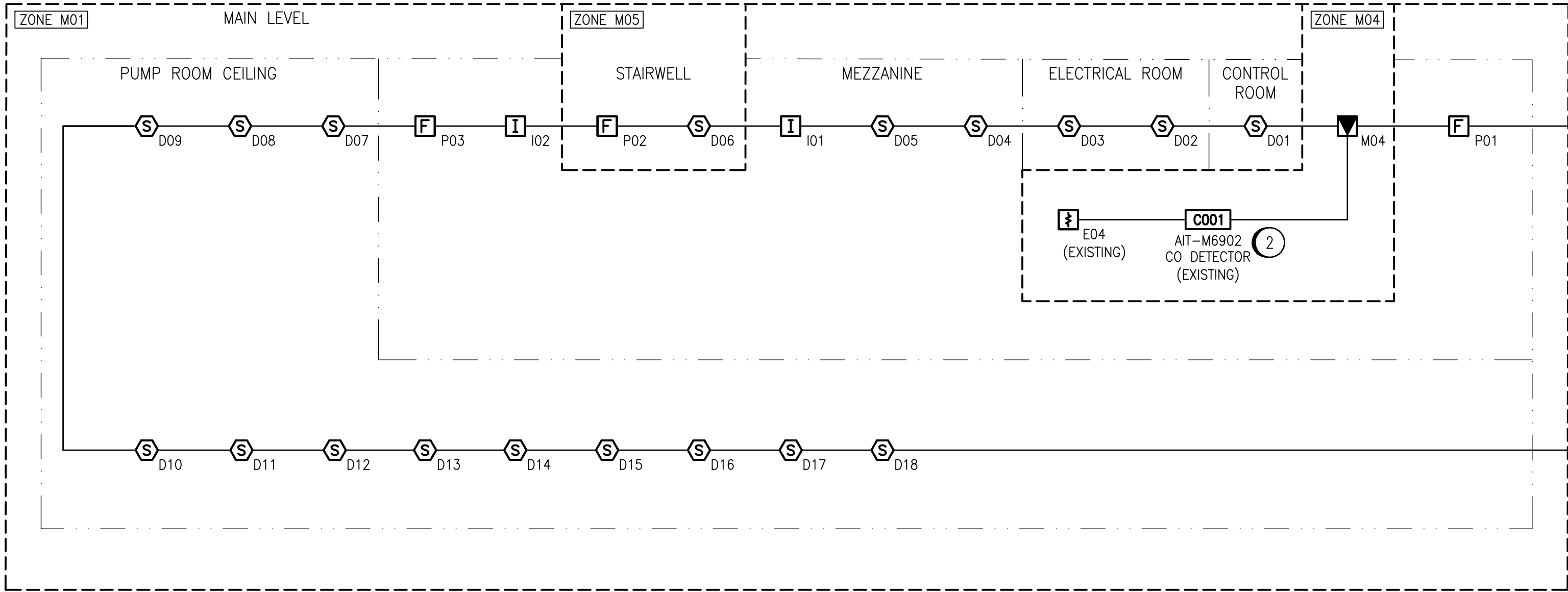


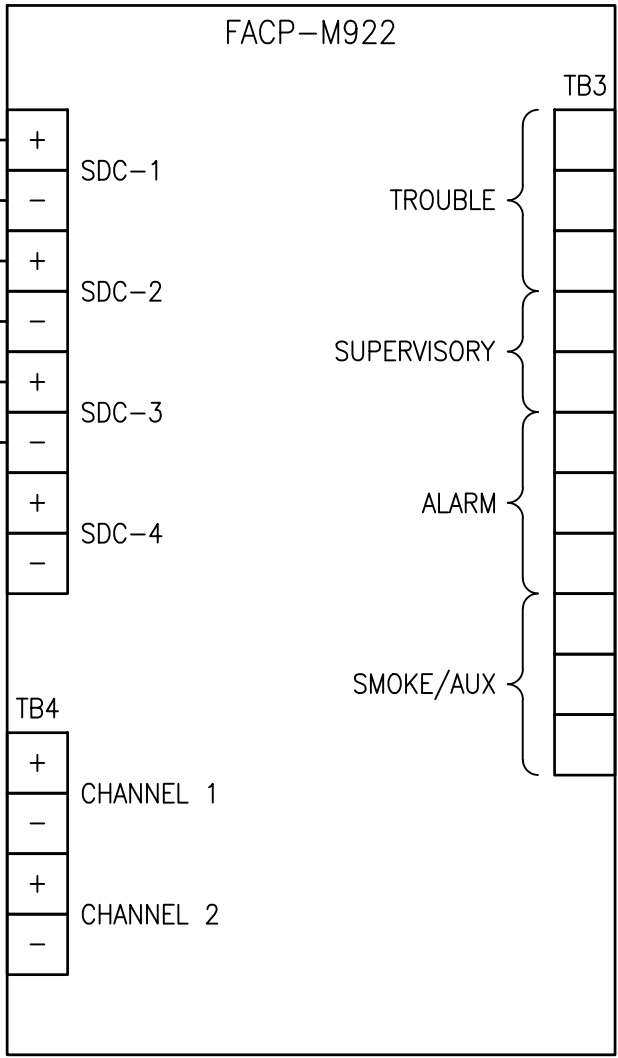
A1 SIZE - 594mm x 841mm

PUMPHOUSE

(PROCESS AREA IDENTIFIER: M)



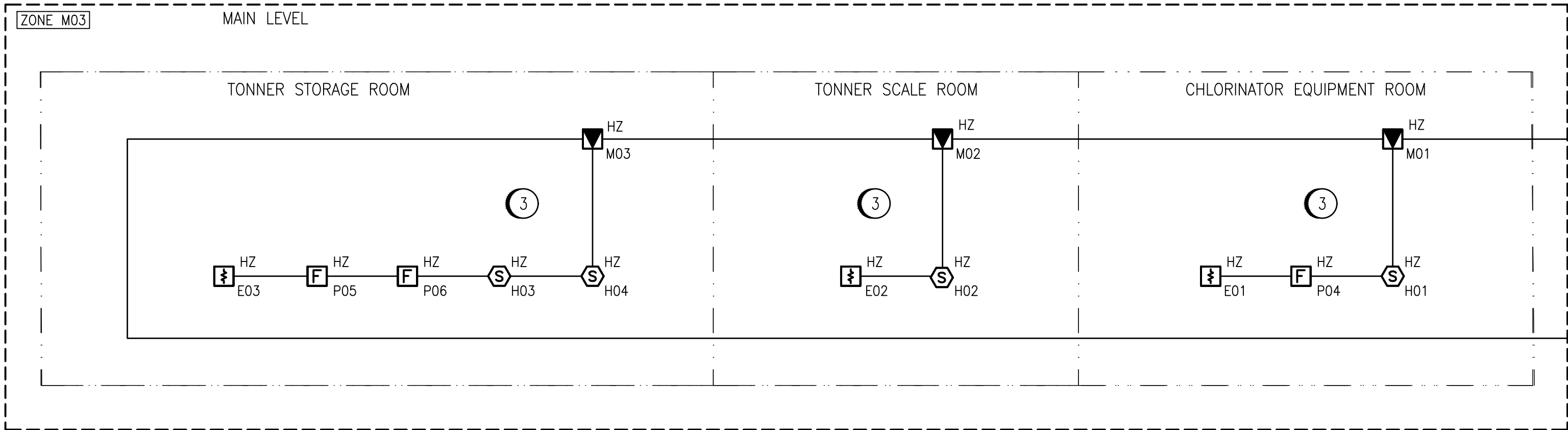
(LOCATED IN MEZZANINE WALKWAY)



SEE DRAWING 1-0650M-AXXXX

CHLORINE BUILDING

(PROCESS AREA IDENTIFIER: C)



ZONE DESCRIPTIONS

| ZONE | DESCRIPTION           |
|------|-----------------------|
| M01  | PUMPHOUSE MAIN LEVEL  |
| M02  | PUMPHOUSE LOWER LEVEL |
| M03  | CHLORINE BUILDING     |
| M04  | CO DETECTION          |
| M05  | STAIRWELL             |

SPECIFIC NOTES:

- ALL CONDUIT ENTRIES INTO CHLORINE BUILDING SPACE SHALL BE SEALED APPROPRIATELY.
- CO DETECTOR AIT-M6902 IS EXISTING, TIE EXISTING CO DETECTION SIGNAL FROM JB-M691 TO NEW FIRE ALARM INPUT MODULE FAS-M-M04. REFER TO DRAWING 1-0650M-A0031 SHEET 5.
- CONTRACTOR TO PROVIDE ALL ADDITIONAL WIRING AND MATERIALS REQUIRED FOR CONNECTION OF HAZARDOUS RATED FIRE ALARM EQUIPMENT.

GENERAL NOTES:

- ALL DEVICES ARE NEW AND TO BE INSTALLED PER CEC REQUIREMENTS.
- DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-X-YYY, WHERE X IS THE PROCESS IDENTIFIER AND YYY IS THE DEVICE IDENTIFIER. EG: DETECTOR D01 IN THE CONTROL ROOM WILL BE DESIGNATED FAS-M-D01.
- ALL DEVICES TO BE CONNECTED TO FACP-M922 LOCATED ON MAIN LEVEL.
- MINIMUM SIZE OF #18 AWG FOR DETECTION CIRCUITS.

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
**AtkinsRéalis Canada Inc.**  
**No. 4489**

**AtkinsRéalis**

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DESIGNED BY: B. WILKS  
CHECKED BY: V. ELIMBAN  
DRAWN BY: B. WILKS  
APPROVED BY: V. ELIMBAN  
SCALE: NTS  
ISSUED FOR CONSTRUCTION BY: M. SKINNER  
DATE: 2023-05-15  
DATE: 2025/04/30  
CONSULTANT NO.:

ENGINEER'S SEAL



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

HURST PUMPING STATION  
CHLORINE UPGRADE  
ELECTRICAL FIRE ALARM  
RISER DIAGRAM  
DETECTION CIRCUITS

CITY DRAWING NUMBER  
**1-0650M-E0062**  
SHEET  
001  
REV.  
00  
SIZE  
A1

1-0650M-E0061  
1-0650M-E0060

ELECTRICAL FIRE ALARM PLAN, MAIN FLOOR  
ELECTRICAL FIRE ALARM PLAN, PUMP FLOOR

DRAWING NUMBER

REFERENCE DRAWINGS