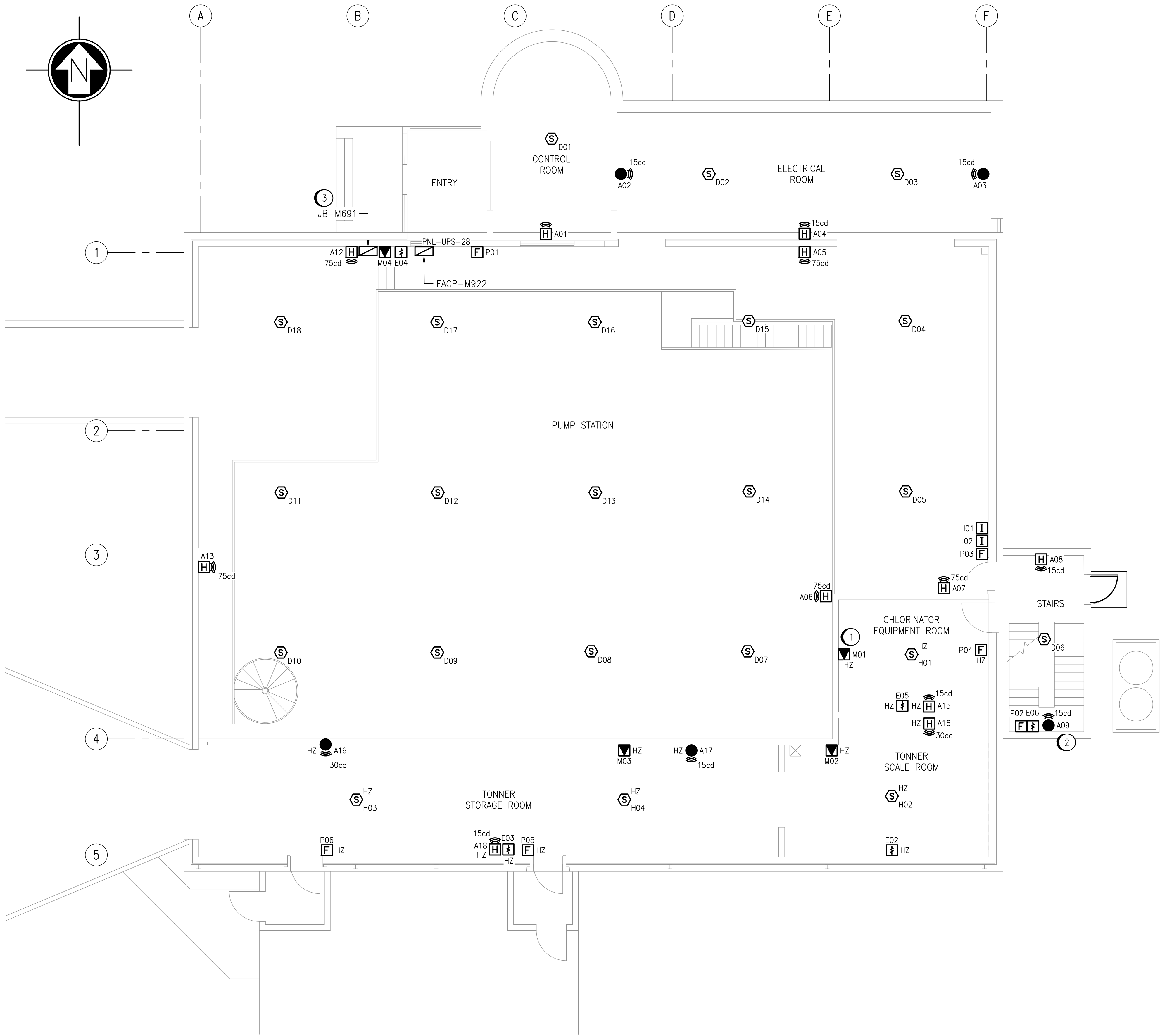


A1 SIZE - 594mm x 841mm



GENERAL NOTES:

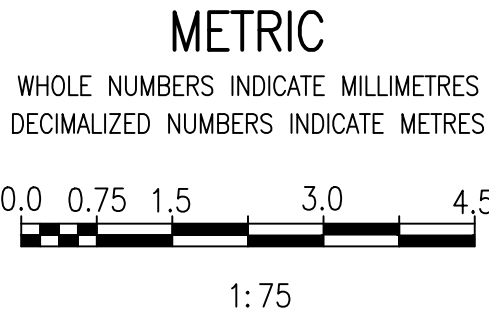
1. ALL DEVICES SHOWN ARE NEW AND NEED TO BE PROVIDED BY THE CONTRACTOR. EXISTING FIRE ALARM SYSTEM TO BE DEMOLISHED. SEE DRAWING 1-0650M-XXXX FOR DEMOLITION WORK.
2. ALL WIRING ASSOCIATED WITH FIRE ALARM EQUIPMENT SHALL BE RUN IN CONDUIT AND PROVIDED BY THE CONTRACTOR.
3. ALL CONDUIT RAN IN THE CHLORINE BUILDING SPACE SHALL BE RIGID, THREADED ALUMINIUM CONDUIT.
4. PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING EXPANSION JOINTS (IF APPLICABLE).
5. UTILIZE A MINIMUM OF #12 AWG WIRE SIZE FOR NOTIFICATION APPLIANCE CIRCUITS (NAC).
6. ALL WIRE CONNECTIONS SHALL BE MADE VIA TERMINAL BLOCKS (WIRE NUTS NOT ALLOWED).
7. CONTRACTOR IS RESPONSIBLE TO PROVIDE ANY ADDITIONAL EQUIPMENT IN ORDER TO COMPLETE FIRE ALARM DESIGN.
8. REFER TO SPECIFICATION FOR FIRE ALARM EQUIPMENT MODEL NUMBERS.
9. UTILIZE A MINIMUM OF #18 AWG FOR DETECTION CIRCUITS.
10. REFER TO DETECTION AND NOTIFICATION RISER DIAGRAMS 1-0650M-E0063 AND 1-0650M-E0064 RESPECTIVELY FOR WIRING OF FIRE ALARM SYSTEM.

SPECIFIC NOTES:

- 1 ALL WALL PENETRATIONS INTO THE CHLORINE BUILDING SPACE SHALL BE SEALED APPROPRIATELY PER CEC REQUIREMENTS FOR CATEGORY 2 LOCATIONS.
- 2 STROBE A09 TO BE LOCATED AT THE TOP OF THE STAIRWELL ON LANDING LEADING TO THE ROOF.
- 3 CONTRACTOR TO CONNECT EXISTING CARBON MONOXIDE DETECTION TO NEW FIRE ALARM SYSTEM. EXISTING CARBON MONOXIDE DETECTION SYSTEM IS PRE-WIRED TO JB-M691. CONTRACTOR TO MAKE CONNECTION FROM JB-M691 TO NEW CONTROL INPUT MODULE FAS-M-M04. PROVIDE END OF LINE RESISTOR AT EXISTING RELAY CR2 IN MAIN CONTROL PANEL. REFER TO DRAWING 1-0650M-A0031-005.
- 4 ALL FIRE ALARM EQUIPMENT IN THE CHLORINATOR EQUIPMENT ROOM, TONNER SCALE ROOM AND TONNER STORAGE ROOM SHALL BE RATED FOR A CATEGORY 2 AREA (NEMA 4X). CONTRACTOR TO PROVIDE ALL ADDITIONAL WIRING AND MATERIALS REQUIRED FOR CONNECTION OF HAZARDOUS RATED FIRE ALARM EQUIPMENT. HAZARDOUS RATED HORN/STROBE MAY TWO SEPARATE DEVICES

MAIN FLOOR FIRE ALARM PLAN - ELEV 233.334

SCALE: 1:75



REVISIONS			
NO.	REVISIONS	DATE	DESIGN CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE VE



DESIGNED BY: B. WILKS	CHECKED BY: V. ELIMBAN
DRAWN BY: J. GRACASIN	APPROVED BY: V. ELIMBAN
SCALE: 1:75	ISSUED FOR CONSTRUCTION BY: M. SKINNER
DATE: 2023/05/11	DATE: 2025/04/30
CONSULTANT NO.:	

ENGINEER'S SEAL



HURST PUMPING STATION
CHLORINE SYSTEM UPGRADES
ELECTRICAL FIRE ALARM PLAN
MAIN FLOOR

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0650M-E0061	001	00	A1

1-0650M-E0058
1-0650M-E0063
1-0650M-E0062

ELECTRICAL FIRE ALARM, LEGEND AND DETAILS
RISER DIAGRAM, NOTIFICATION SYSTEM
RISER DIAGRAM, DETECTION SYSTEM

DRAWING NUMBER

REFERENCE DRAWINGS