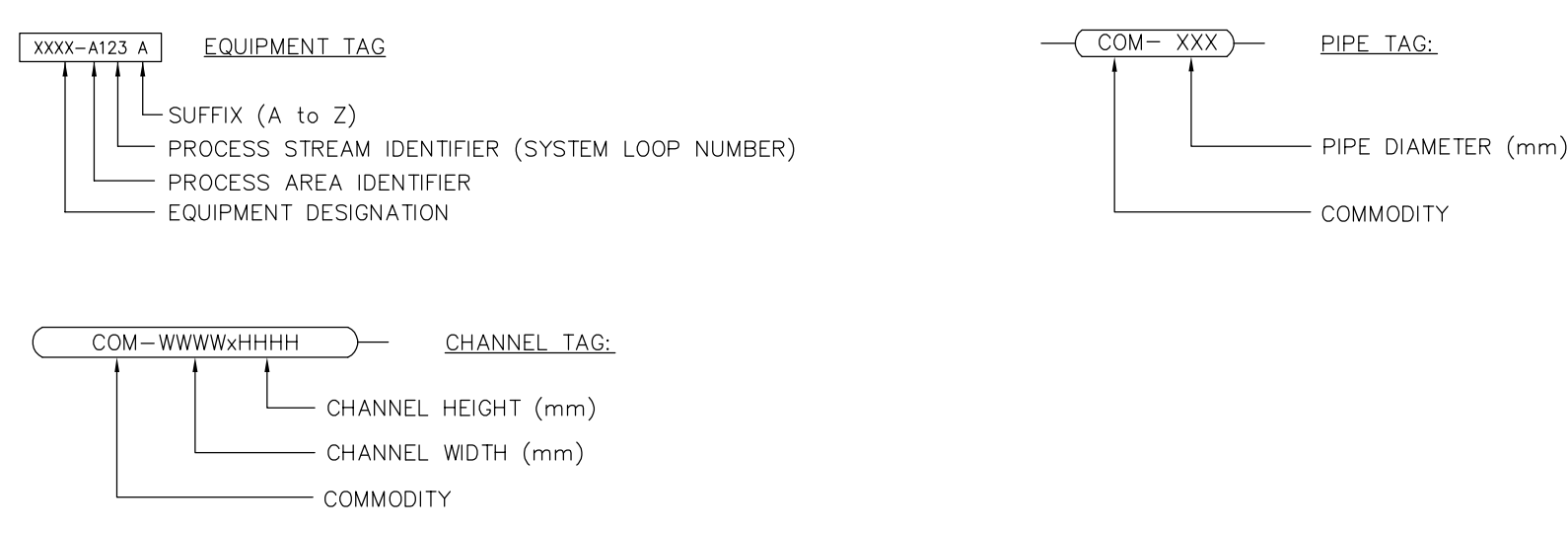


INSTRUMENT IDENTIFICATION TABLE
Table with columns: FIRST-LETTER, SUCCEEDING-LETTERS, MEASURED OR INITIATING VARIABLE, READOUT OR PASSIVE FUNCTION, OUTPUT FUNCTION.

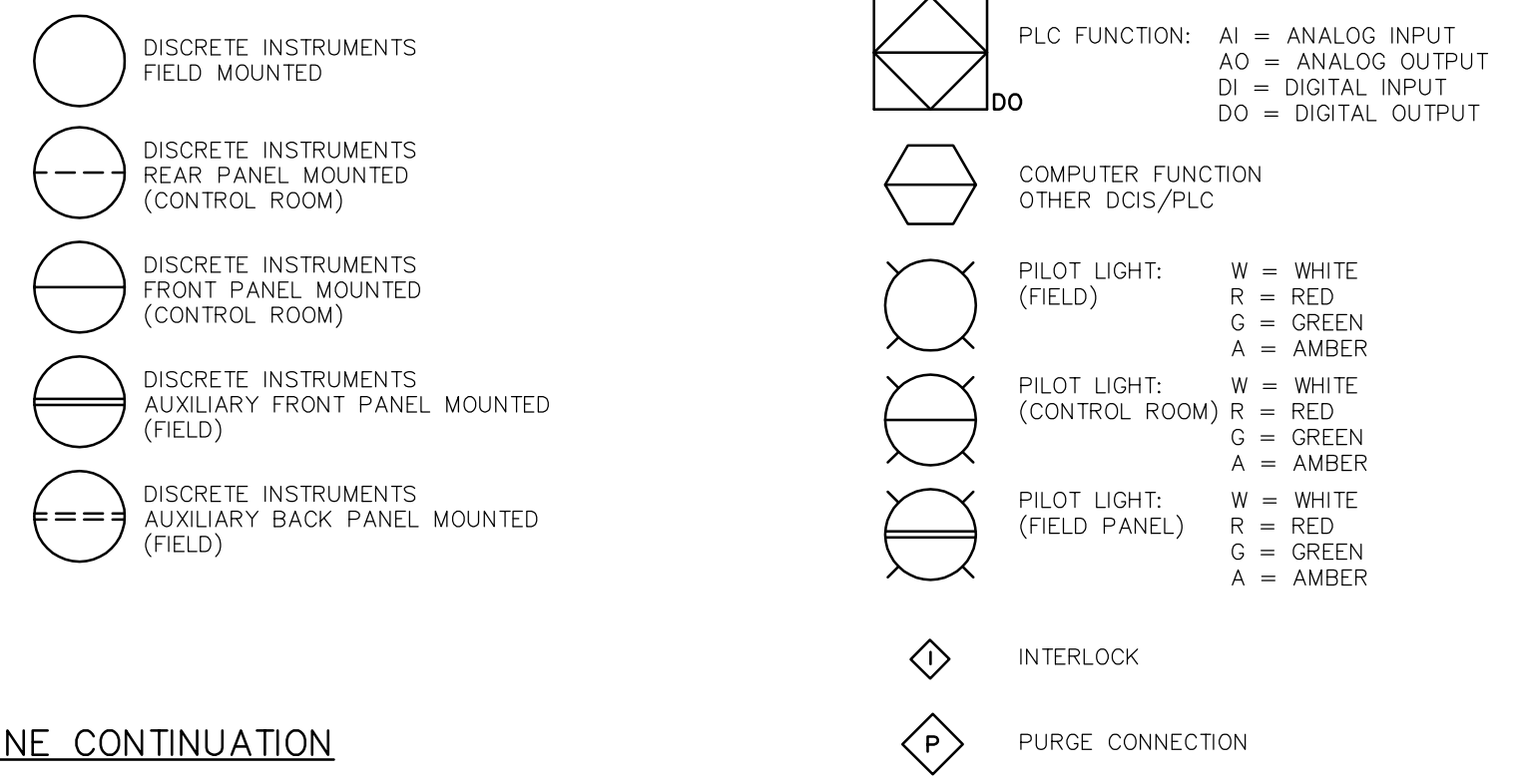
NOTES:
1. IT IS EXPECTED THAT THE TYPE OF ANALYSIS BE DEFINED OUTSIDE THE TAGGING BUBBLE.
2. FIRST LETTER Y IS INTENDED FOR USE WHEN CONTROL OR MONITORING RESPONSES ARE EVENT DRIVEN AS OPPOSED TO TIME OR TIME-SCHEDULE DRIVEN.

COMMON INSTRUMENT / DEVICE IDENTIFIERS
Table with columns: ISA IDENTIFIER, INITIATING VARIABLE AND FUNCTION, ISA IDENTIFIER, INITIATING VARIABLE AND FUNCTION.

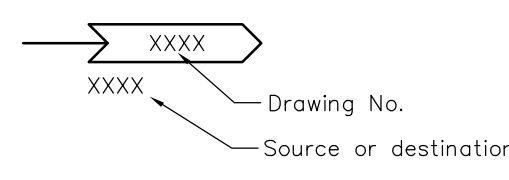
EQUIPMENT IDENTIFICATION AND TAGGING



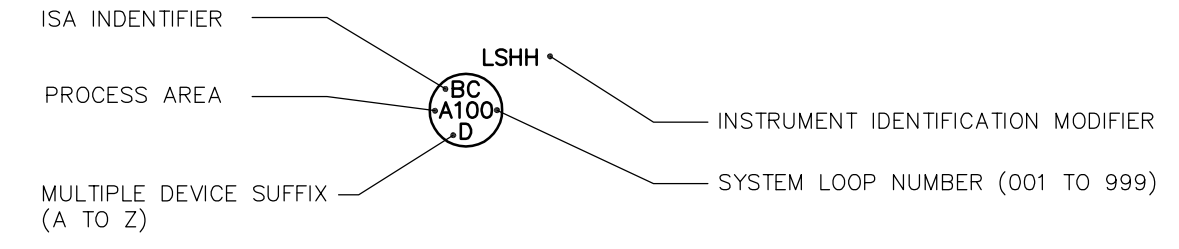
INSTRUMENT SYMBOLS



LINE CONTINUATION



INSTRUMENT DESIGNATION NUMBER



POSITION FORMATS

PROCESS AREA IDENTIFIER

Table mapping letters A-M to various process areas like CHEMICAL FEED, PLANT UTILITIES, INLET WORKS & RAW WATER, YARD PIPING AND VALVE CHAMBERS, OZONE, RESIDUALS HANDLING, etc.

PROCESS STREAM IDENTIFIER

Table mapping letters C-M to various process stream identifiers like 001-999, 600-650, 901-950, etc.

INSTRUMENT IDENTIFICATION MODIFIER

Table mapping letters CAH to LAL to various instrument types like CONDUCTIVITY ALARM HIGH, COMPUTER/OFF/HAND, DISSOLVED OXYGEN, etc.

PROCESS LINE CODES

COMMODITY

Table mapping letters AA to FW to various commodities like AQUA AMMONIA, ATOMIZING AIR, AIR SCOUR (FILTERS), etc.

PIPE EXPOSURE

Table mapping letters BUR to EXP to BURIED, EXPOSED, SUBMERGED, CONCRETE ENCASED.

PIPE MATERIAL

Table mapping letters CISP to HDPE to CAST IRON SOIL PIPE, CEMENT LINED DUCTILE IRON, etc.

PRESSURE TESTING

Table mapping letters H to I to HYDROSTATIC, IN SERVICE, PNEUMATIC, NOT APPLICABLE.

ABBREVIATIONS

Table mapping letters ACK to NNF to ACKNOWLEDGE, ALARM, AUTO/MANUAL, etc.

EQUIPMENT DESIGNATIONS

Table mapping letters ARV to LCV to AIR RELEASE VALVE, AIR CONDITIONING UNIT, ACCESS CARD READER, etc.

Project information and approvals section including logos for APEGA, EarthTech, and The City of Winnipeg, along with a Certificate of Authorization and design/sign-off tables.