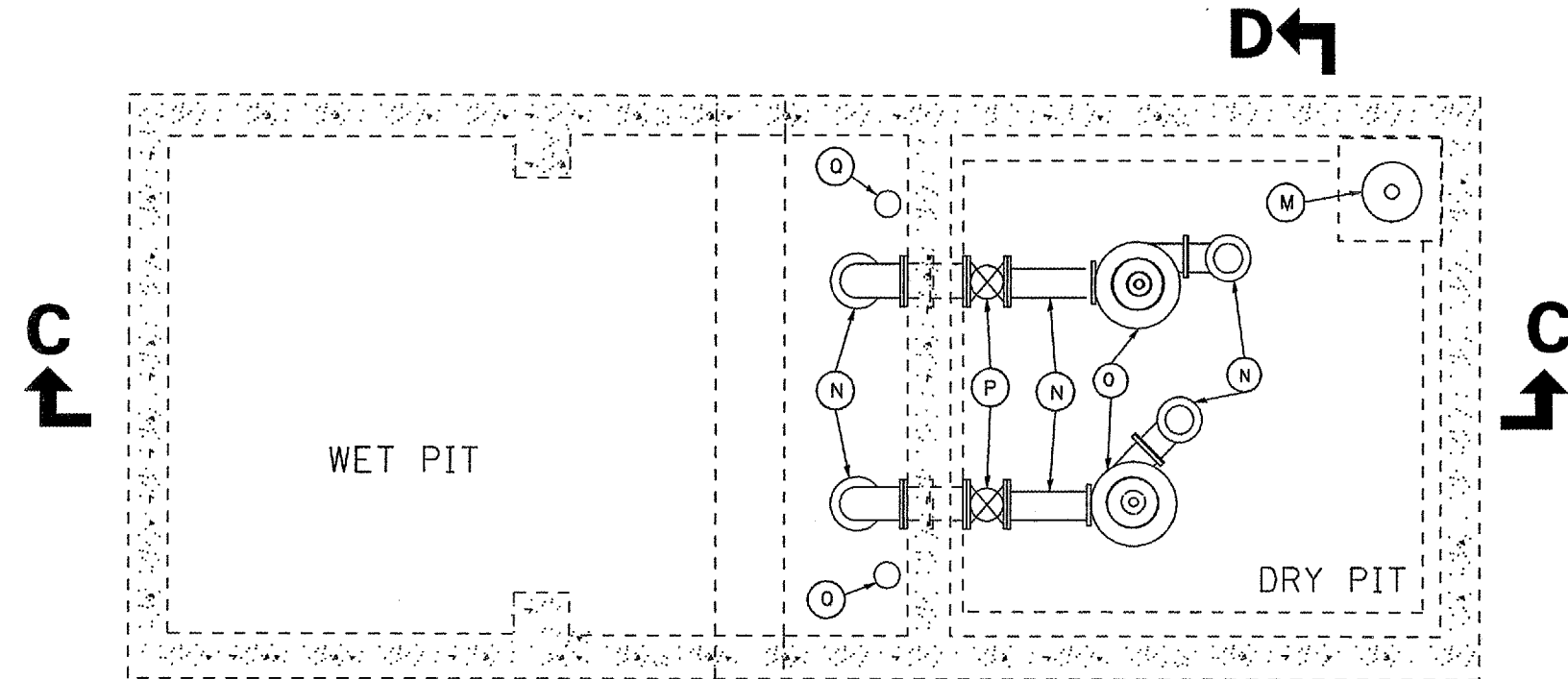
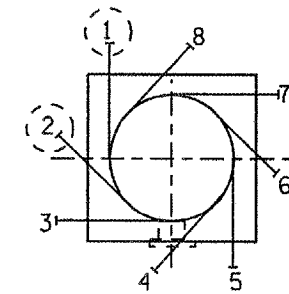


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(2SB-FAGH)I	IROQUOIS	14	11
FED. ROAD DIST. NO. - ILLINOIS		STATE AID PROJECT		

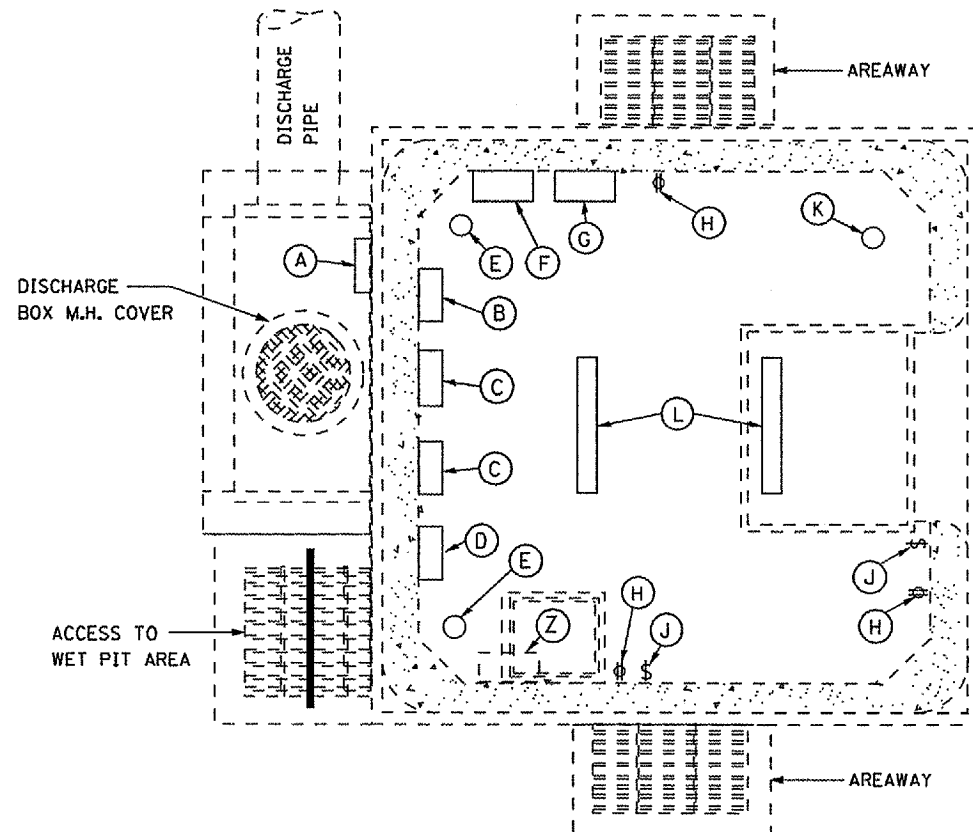


PIT FLOOR PLAN



Drawings illustrates the discharge positions available for C.W. and C.C.W. Rotation when viewed from the driver end of pump. Positions 1 and 9 are considered Standard.

Position circled (1) is position of proposed pumps.



MOTOR ROOM FLOOR PLAN

GENERAL NOTES

1. THE PUMPING WET WELL IS A CLASS 1 DIVISION 1, GROUP D AREA. ALL ELECTRICAL EQUIPMENT WIRING METHODS SHALL COMPLY WITH APPLICABLE SECTIONS OF ARTICLES 500 AND 501.
2. THE DRY PIT AREA AS WELL AS THE MOTOR HOUSE AREA IS NOT CLASSIFIED DUE TO THE VENTILATING TO 6 COMPLETE AIR EXCHANGES PER HOUR. THEREFORE EXHAUST FAN SHALL RUN CONTINUOUS.
3. ALL EXTERIOR AND INTERIOR CONDUIT SHALL BE GALVANIZED RIGID STEEL. WHERE CONDUIT IS IN DIRECT CONTACT WITH EARTH OR CONCRETE, IT SHALL BE COAL TAR EPOXY COATED.
4. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE PROVIDED AS A CONNECTION BETWEEN EACH MOTOR JUNCTION BOX (OR ANY OTHER PIECE OF EQUIPMENT SUBJECT TO MOVEMENT OR VIBRATION) AND BALANCE OF CONDUIT SYSTEM. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL NOT EXCEED THREE (3') FEET IN LENGTH AND SHALL BE OZ-GEDNY, TYPE UAG, OR APPROVED EQUAL.
5. ALL MOUNTING HARDWARE AND FASTENERS FOR CONDUITS AND EQUIPMENT SHALL BE STAINLESS STEEL.

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EQUIPMENT & ELECTRICAL
 REPLACEMENT DETAILS**
 FAP ROUTE 322 (IL 1) SECTION (2SB-FAGH)I
 IROQUOIS COUNTY
 MILFORD PUMP STATION
 S.N. 038-0024

DATE: JANUARY 7, 2007
 FILE: c:/projects/cmain08/cm309/details.dgn