



TYPE "C" PUMP STATION							
STATION ELEVATION	D-1	E-1	E-5	G-1b	G-1a	G-1b	I-1
A	750.00	805.00	808.00	845.00	785.00	743.00	784.00
B	743.75	799.75	801.75	835.75	778.25	738.25	777.75
C	743.50	799.50	801.50	835.50	778.00	738.00	777.50
D	743.00	799.00	801.00	835.00	777.50	737.50	777.00
E	741.00	797.00	799.00	833.00	775.50	735.00	774.50
F	740.00	796.00	798.00	832.00	774.50	734.00	773.50
G	744.00	800.00	802.00	836.00	778.50	738.50	778.00
STATION CHARACTERISTICS	D-1	E-1	E-5	G-1b	G-1a	G-1b	I-1
DESIGN FLOW (GPM)	10	15	10	10	15	10	15
T.D.H.	60'	62'	35'	102'	75'	53'	123'
MIN. H.P.	1 1/2	1 1/2	1/2	1 1/2	1 1/2	1 1/2	
MAX. R.P.M.	3450	3450	3450	3450	3450	3450	
FORCE MAIN (DIA.)	2"	2"	1 1/2"	2"	2"	1 1/2"	2"
MOTOR	230V, 1φ	230V, 1φ	115V, 1φ	230V, 1φ	230V, 1φ	230V, 1φ	

STEP PUMP DATA					
TYPE	STATION (S)	DESIGN FLOW (GPM)	T.D.H.	MIN. H.P.	MOTOR
A	H-5				
	G-3	10	15	1/3	115V 1φ, 60H
B	E-8, I-8, I-4	10	20	1/2	115V 1φ, 60H
C	G-6, H-4				
	G-17, I-7, G-2	10	45	1/2	230V 1φ, 60H

NOTES:

1. ALL ELECTRICAL WORK TO BE IN ACCORDANCE WITH STATE AND NATIONAL ELECTRICAL CODE.
2. ALL COSTS FOR THE ELECTRICAL SERVICE BY THE UTILITY CO. ARE TO BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR EACH LIFT STATION.
3. ALL TYPE "C" LIFT STATION PUMPS TO BE OF THE SUBMERSIBLE TYPE.
4. INLET SEWERS, FORCE MAIN DISCHARGES AND ELECTRICAL CONDUITS TO BE ORIENTED AS REQ'D PER PLAN SHEET LOCATION, OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
5. ALL POWER AND CONTROL CABLES TO BE CONTINUOUS (ONE PIECE) FROM CONTROL PANEL TO PUMP MOTORS OR FLOATS.
6. PROVIDE RUNNING TIME METER FOR EACH PUMP, (IN CONTROL PANEL, TYPE "C" STATIONS) AT RESIDENCE ELECTRICAL PANEL FOR S.T.E.P. SYSTEMS.

Revisions

Designed by: R.S. Date: 8-27-82
Checked by: J.L.R. Date: 9-1-82
Drawn by: J. J. Date: 8-28-82
Approved by: J.L.R. Date: 9-1-82

MUSKINGUM COUNTY, OHIO

TYPE "C" PUMP STATION

Maysville III Area Wastewater Project

CONTRACT DIVISION C

Design
Enterprise
Inc.

Scale

Sheet
59 of 59