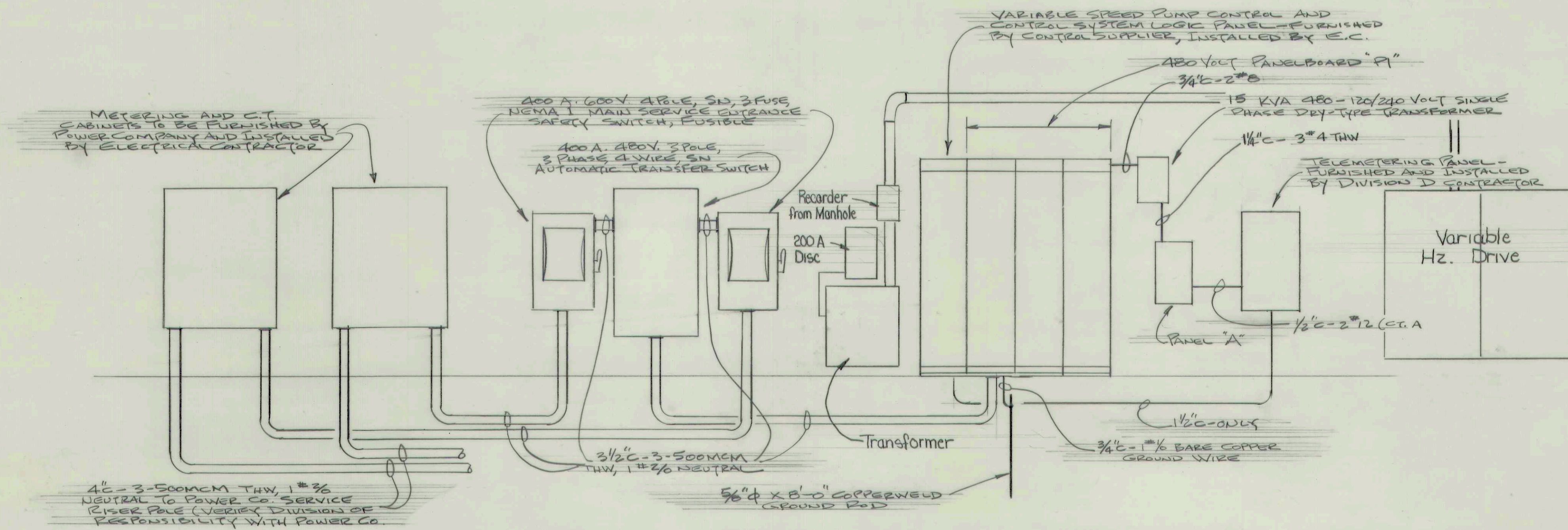


REFORM L.S.
DIV B



SCHEMATIC SERVICE RISER DIAGRAM

277/480 VOLT 3 ϕ 4 W WYE

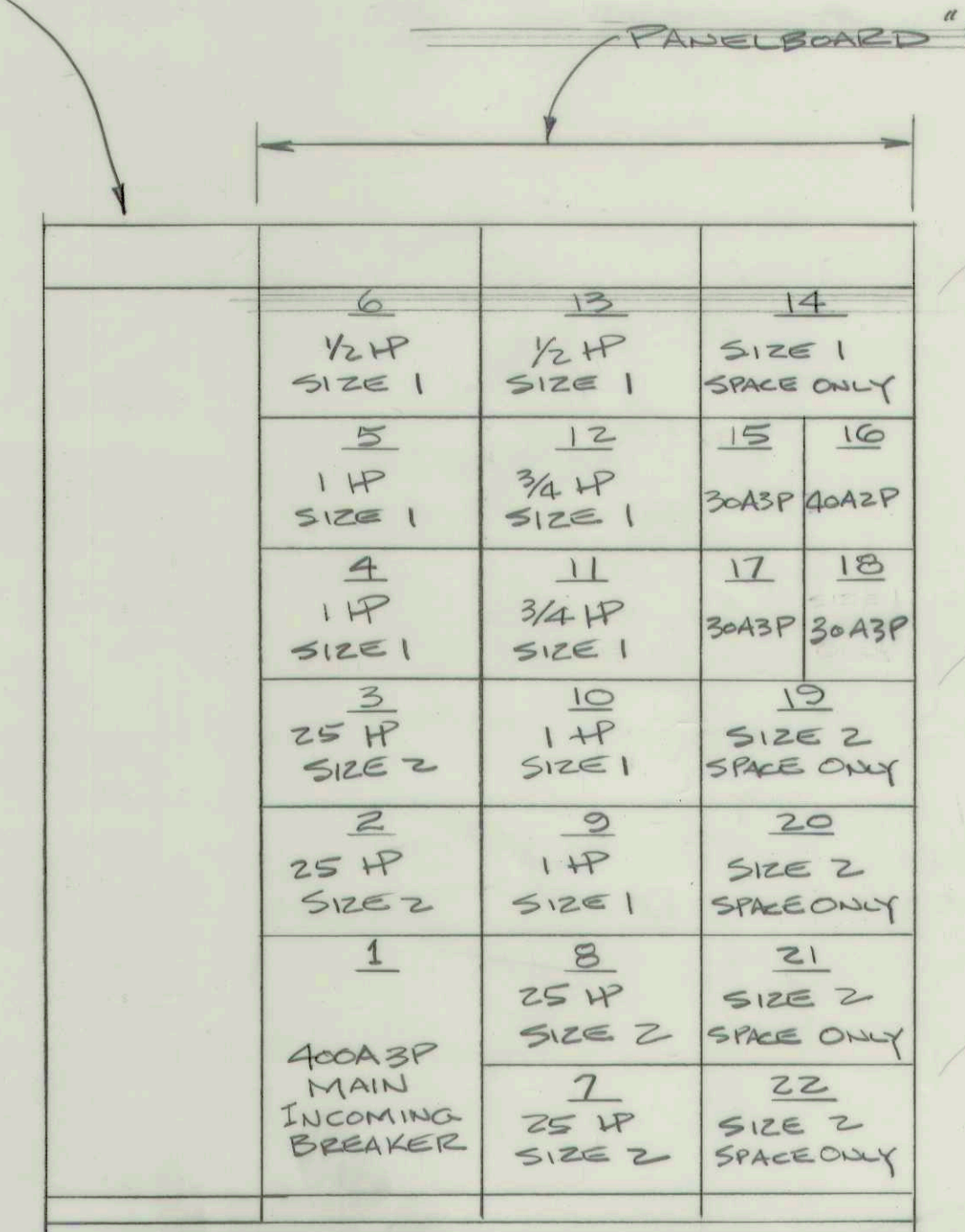
480 VOLT PANELBOARD "P1"

C.T. NO.	BKFR. SIZE	STARTER SIZE	BRANCH CIRCUIT CONDUIT	WIRE	SERVING	CONTROLS
1	400A3P	—	3/2" C	3-500MCM THW, 1#3/8" NEUTRAL	MAIN BREAKER	—
2	80A3P	2	1" C	3#6	25 HP SEWAGE PUMP	HOA, PB, PILOT LT.
3	80A3P	2	1" C	3#6	25 HP SEWAGE PUMP	HOA, PB, PILOT LT.
4	15A3P	—	3/4" C	3#12	1 HP HOIST	—
5	15A3P	—	3/4" C	3#12	1 HP MAN LIFT	—
6	15A3P	1	3/4" C	3#12	1/2 HP SUMP PUMP	HOA, PB, PILOT LT.
7	80A3P	2	1" C	3#6	25 HP SEWAGE PUMP	HOA, PB, PILOT LT.
8	80A3P	2	1" C	3#6	25 HP SEWAGE PUMP	HOA, PB, PILOT LT.
9	15A3P	1	3/4" C	3#12	1 HP SEAL WATER PUMP	PB, PILOT LT.
10	15A3P	1	3/4" C	3#12	1 HP SEAL WATER PUMP	PB, PILOT LT.
11	15A3P	1	3/4" C	3#12	3/4 HP COMMUNICATOR	PB, PILOT LT.
12	15A3P	1	3/4" C	3#12	3/4 HP COMMUNICATOR	PB, PILOT LT.
13	15A3P	1	3/4" C	3#12	1/2 HP SUMP PUMP	HOA, PB, PILOT LT.
14	—	1	—	—	SPACE ONLY	—
15	30A3P	—	3/4" C	3#10	15 KW UNIT HEATER	—
16	40A3P	—	3/4" C	2#8	480-120/240V XFORMER	—
17	30A3P	—	1" C	3#10	ASPIRATOR CONTROL PANEL	—
18	30A3P	—	3/4" C	3#10	15 KW UNIT HEATER	—
19	—	2	—	—	SPACE ONLY	—
20	—	2	—	—	SPACE ONLY	—
21	—	2	—	—	SPACE ONLY	—
22	—	2	—	—	SPACE ONLY	—

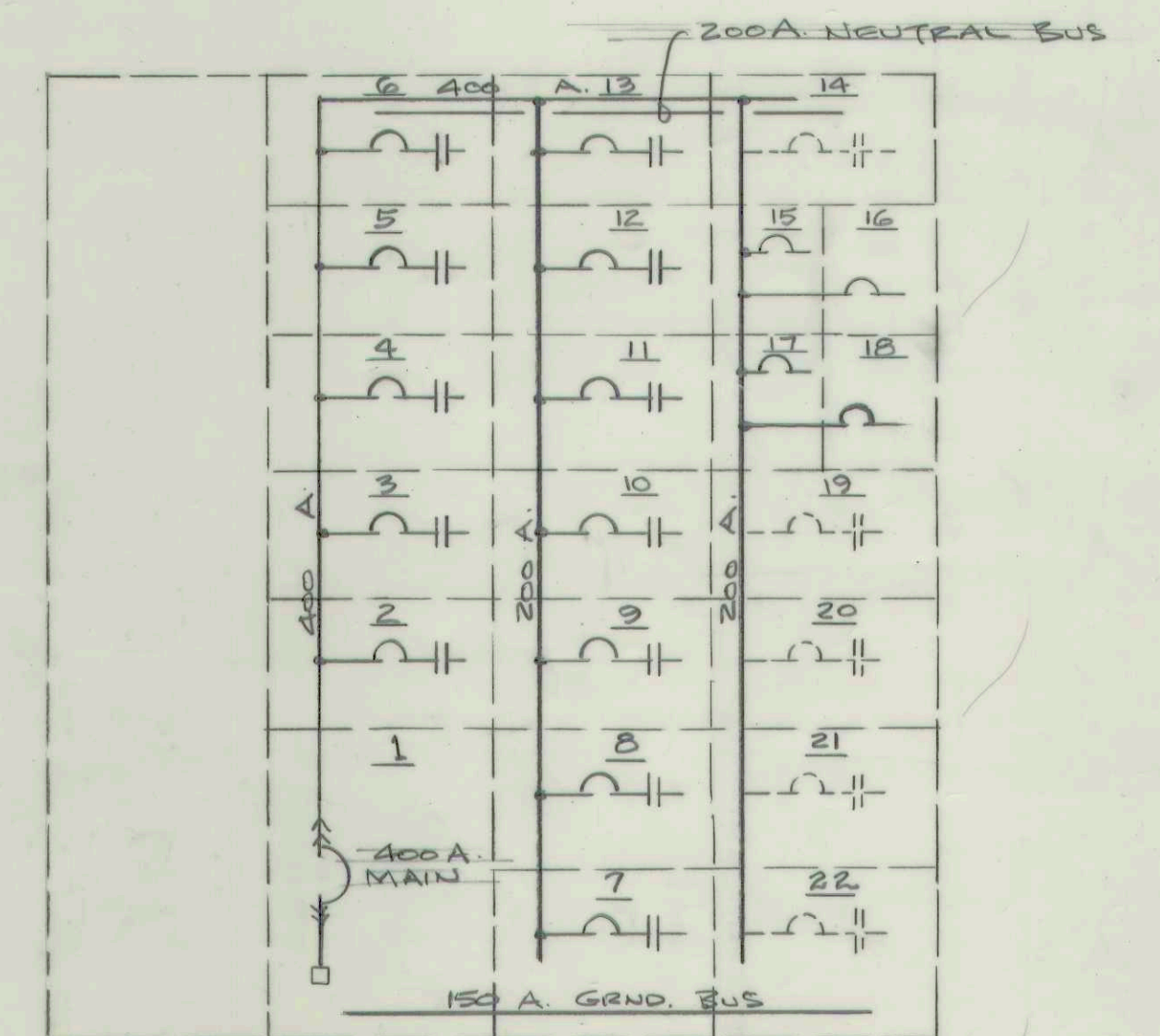
NOTES:

IN ADDITION TO THE "HAND-OFF-AUTO" "START-STOP" PUSH BUTTONS AND PILOT LIGHT ALL MOTOR STARTER UNITS SHALL HAVE CONTROL TRANSFORMERS FOR 120V. CONTROL

VARIABLE SPEED PUMP CONTROL AND CONTROL SYSTEMS LOGIC PANEL - FURNISHED BY CONTROL SUPPLIER AND TO BE COMPATIBLE WITH PANELBOARD "P1"



FRONT VIEW



SCHEMATIC DIAGRAM

480 VOLT PANELBOARD "P1"

RECORD DRAWING

REFORMATORY WORKS ELECTRICAL

Scale: As Noted	FALL CREEK R.W.D.	Sheet
Drawn By: I.H.	BEAM, LONGEST & NEFF	77
Designed By: I.H.	Consulting Engineers	
Certified By: E.R. I.H.	8136 Castleton Road	
	Indianapolis In. 46250	

