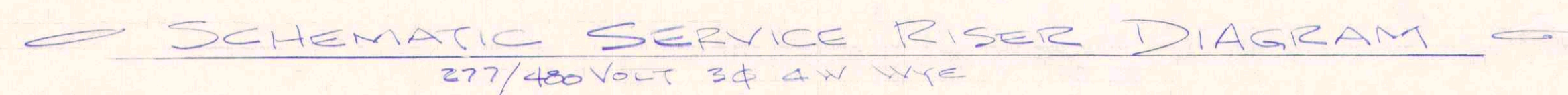
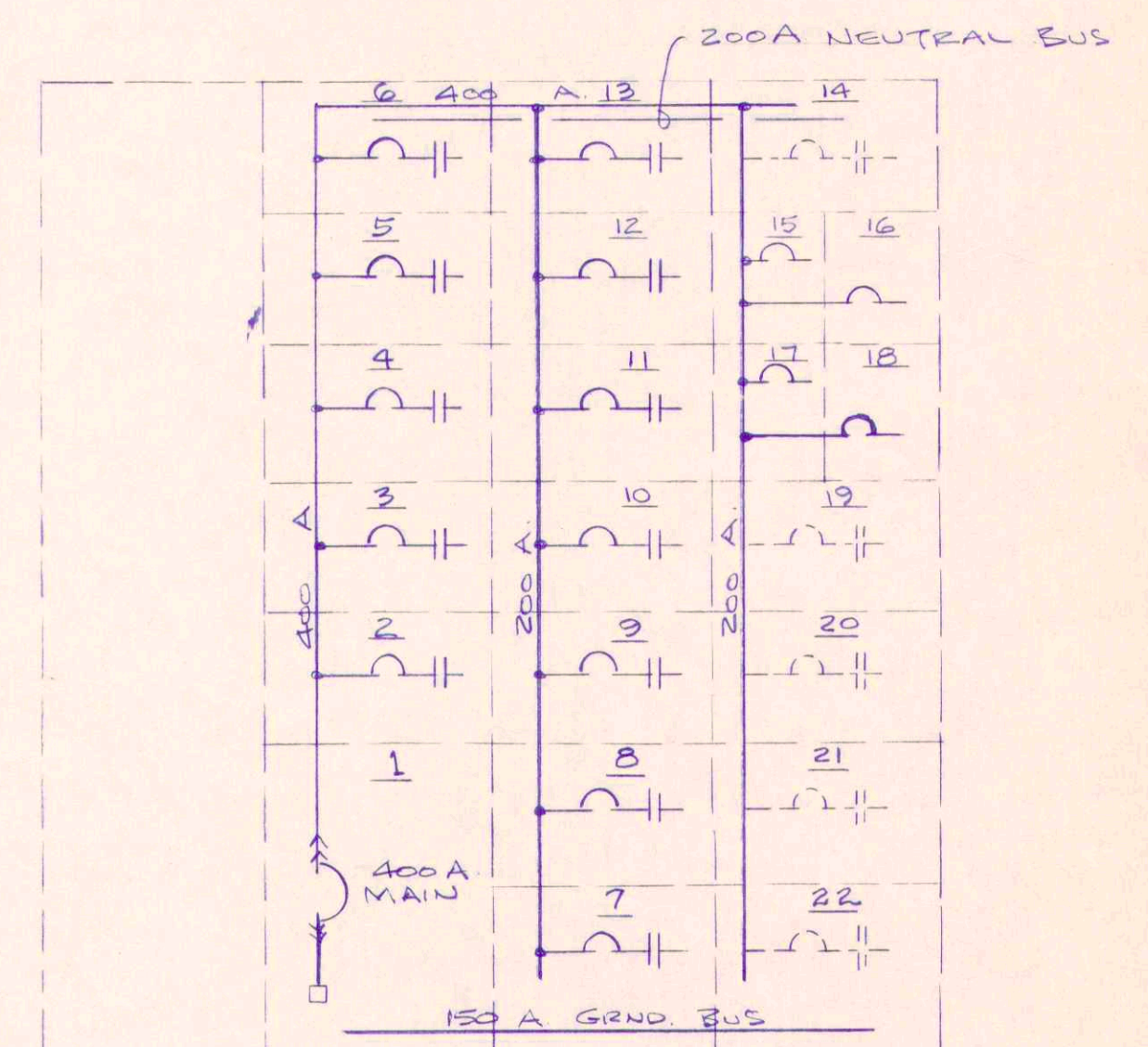


PANELBOARD "PI"



	<u>6</u> 1/2 HP SIZE 1	<u>13</u> 1/2 HP SIZE 1	<u>14</u> SIZE 1 SPACE ONLY
	<u>5</u> 1 HP SIZE 1	<u>12</u> 3/4 HP SIZE 1	<u>15</u> 30A3P
	<u>4</u> 1 HP SIZE 1	<u>11</u> 3/4 HP SIZE 1	<u>10</u> 40A2P
	<u>3</u> 25 HP SIZE 2	<u>10</u> 1 HP SIZE 1	<u>17</u> 30A3P
	<u>2</u> 25 HP SIZE 2	<u>9</u> 1 HP SIZE 1	<u>18</u> 30A3P
	<u>1</u> 400ASP MAIN INCOMING BREAKER	<u>8</u> 25 HP SIZE 2	<u>19</u> SIZE 2 SPACE ONLY
		<u>7</u> 25 HP SIZE 2	<u>20</u> SIZE 2 SPACE ONLY

○ FRONT VIEW ○



— SCHEMATIC DIAGRAM —

= 480 VOLT PANELBOARD "P1" C

CT. NO.	BRKR. SIZE	STARTER SIZE	BRANCH CONDUIT	CIRCUIT WIRE	SERVING	CONTROLS
1	400A3P	—	3/2" C	3-500MM 1-#6 NEUT	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	40A2P	—	3/4" C	2" 8	400-120/240 V XFMR	—
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	—

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

RECORD DRAWING

REFORMATORY WORKS ELECTRICAL		
Scale: <i>As Noted</i>	FALL CREEK R.W.D.	Sheet
Drawn By: <i>I.H.</i>	BEAM, LONGEST & NEFF	
Designed By: <i>I.H.</i>	Consulting Engineers	
Certified By: <i>E.R.</i>	8136 Castleton Road Indianapolis, Ind. 46250	