0
```
        ┌─────SBR─────┐                                            ┌ NOP ┐
        │  Subroutine │                                            └     ┘
        └─────────────┘
```

1
```
        Pushbutton 4                                          Virtual Pushbutton 4
           PB4                                                      V_PB4
     <Local:2:I.Data.0>                                             ( )
          ] [
```

2
```
        Pushbutton 3                                          Virtual Pushbutton 3
           PB3                                                      V_PB3
     <Local:2:I.Data.1>                                             ( )
          ] [
```

3
```
        Pushbutton 2                                          Virtual Pushbutton 2
           PB2                                                      V_PB2
     <Local:2:I.Data.2>                                             ( )
          ] [
```

4
```
        Pushbutton 1                                          Virtual Pushbutton 1
           PB1                                                      V_PB1
     <Local:2:I.Data.3>                                             ( )
          ] [
```

5
```
     Pushbutton Door Open                                     Virtual Pushbutton
           PBO                                                       Open
     <Local:2:I.Data.4>                                             V_PBO
          ] [                                                        ( )
```

6
```
     Pushbutton door
          close                                               Virtual Pushbutton
           PBC                                                      Close
     <Local:2:I.Data.5>                                             V_PBC
          ] [                                                        ( )
```

7
```
     Pushbutton Emergency
           State                                              Virtual Pushbutton
           PBE5                                                Emergency 5
     <Local:2:I.Data.6>                                            V_PBE5
          ] [                                                        ( )
```

8
```
     Floor Pushbutton 4                                       Virtual Floor
           FPB4                                                Pushbutton 4
     <Local:2:I.Data.8>                                            V_FPB4
          ] [                                                        ( )
```

9
```
     Floor Pushbutton 3                                       Virtual Floor
           FPB3                                                Pushbutton 3
     <Local:2:I.Data.9>                                            V_FPB3
          ] [                                                        ( )
```

10
```
     Floor Pushbutton 2                                       Virtual Floor
           FPB2                                                PushButton 2
     <Local:2:I.Data.10>                                           V_FPB2
          ] [                                                        ( )
```

11
```
     Floor Pushbutton 1                                       Virtual Floor
           FPB1                                                Pushbutton 1
     <Local:2:I.Data.11>                                           V_FPB1
          ] [                                                        ( )
```

12
```
        Start Button                                          Virtual Start Button
           START                                                    (N.O.)
     <Local:2:I.Data.14>                                           V_START
          ] [                                                        ( )
```

Input_Buffer - Ladder Diagram

Page 2

StartingFile_EX:MainTask:MainProgram

4/11/2025 11:56:07 AM

Total number of rungs in routine: 27

C:\Users\exu10\Downloads\Elevator Project -MultiCall.ACD

Rung		
13	Stop Button STOP <Local:2:I.Data.15>	Virtual Stop Button (N.C.) V_STOP
14	Floor Limit Switch 1 FLS1 <Local:3:I.Data.0>	Virtual Floor Limit Switch 1 V_FLS1
15	Floor Limit Switch 2 FLS2 <Local:3:I.Data.1>	Virtual Floor Limit Switch 2 V_FLS2
16	Floor Limit Switch 3 FLS3 <Local:3:I.Data.2>	Virtual Floor Limit Switch 3 V_FLS3
17	Floor Limit Switch 4 FLS4 <Local:3:I.Data.3>	Virtual Floor Limit Switch 4 V_FLS4
18	Door Closed Sensor DCLS <Local:3:I.Data.8>	Virtual Door Close Limit Switch V_DCLS
19	Door Open Sensor DOLS <Local:3:I.Data.9>	Virtual Door Open Limit Switch V_DOLS
20	Toggle Swtich 2 TS2 <Local:3:I.Data.10>	Virtual Toggle Switch 2 V_TS2
21	Toggle SW1 TS1 <Local:3:I.Data.11>	Virtual Toggle Switch 1 V_TS1
22	toggle switch 0 TS0 <Local:3:I.Data.12>	Virtual Toggle Switch 0 V_TS0
23	Virtual Toggle Switch 0 V_TS0	Vitual Indicator Light Toggle Switch 0 V_ILTS0
24	Virtual Toggle Switch 1 V_TS1	Virtual Indicator Light Toggle Switch 1 V_ILTS1
25	Virtual Toggle Switch 2 V_TS2	Virtual Indicator Light Toggle Switch 2 V_ILTS2

26
```
                                                              RET
                                                        Return from Subroutine
```

(End)