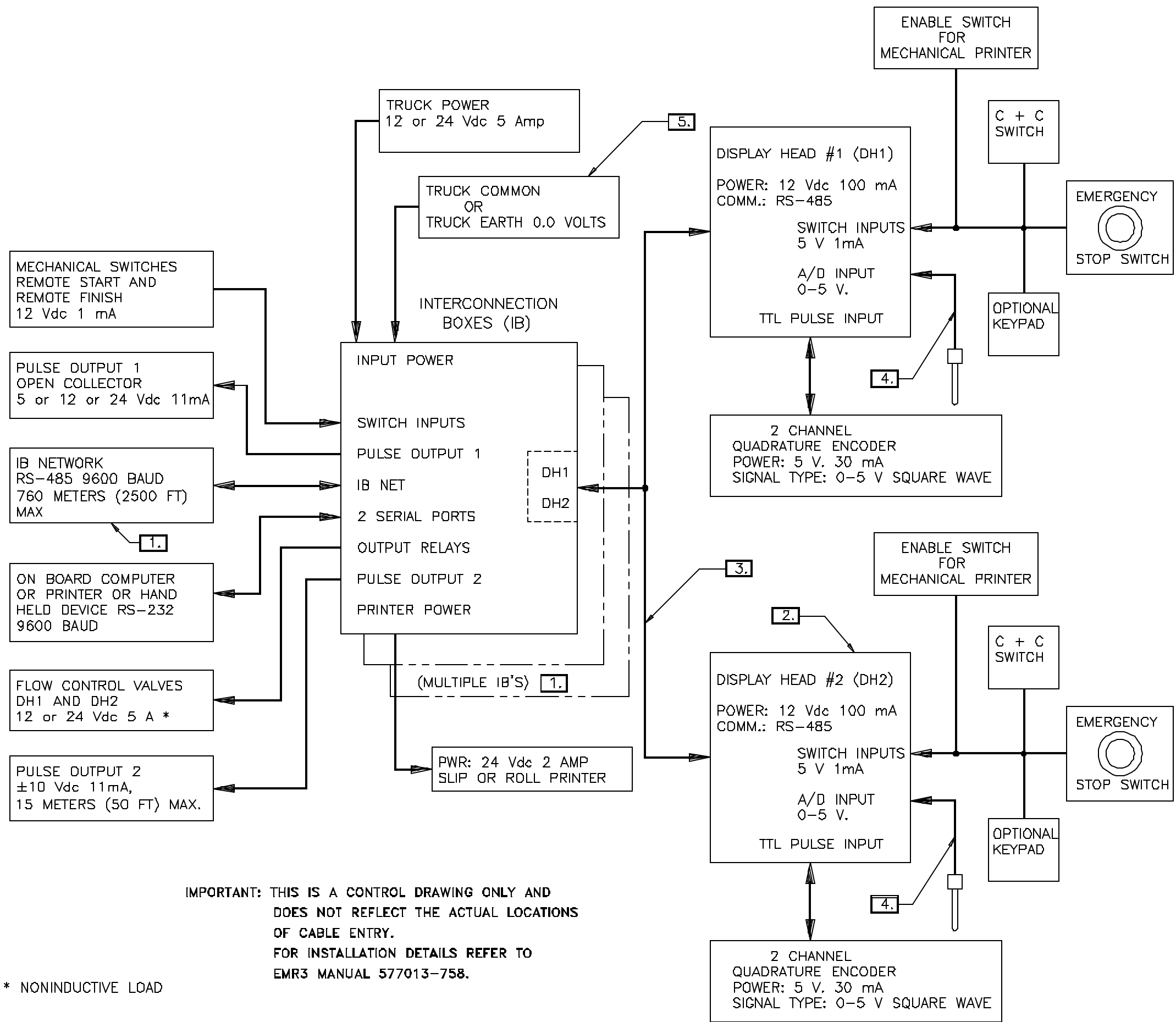


REV	DESCRIPTION	BY	DATE	ECO
C	REDRAWN & REVISED. SEE HIST PRINT	TB	3/21/03	DEMR-051



NOTES:

1. UP TO 16 IB'S MAY BE NETWORKED TOGETHER USING THE IB NETWORK TERMINALS (RS-485) LOCATED IN THE IB.
2. FOR EACH IB, ONE DH MAY BE CONFIGURED AS A REMOTE CONTROLLER DISPLAY. AS A REMOTE CONTROLLER DISPLAY, THE DH WOULD NOT USE EITHER THE TEMPERATURE PROBE OR THE QUADRATURE ENCODER.
3. IB TO DISPLAY HEAD CABLE RUN:  
 A) USE 2 SEPARATE CABLES, ONE FOR EACH DISPLAY HEAD.  
 B) USE ONE CABLE TO DAISY CHAIN BOTH DISPLAY HEADS TOGETHER.  
 C) IN EITHER CASE, THE COMBINED CABLE LENGTH MUST NOT EXCEED 300 METERS (1000 FT).
4. TEMPERATURE PROBE CABLES MUST BE SHIELDED AND ARE NOT TO EXCEED A LENGTH OF 5 METERS (16 FT).
5. INPUT POWER FOR THE EMR3 IS SUPPLIED ON 2 CONNECTIONS, V+ AND GROUND, LOCATED INSIDE THE IB BOX. THE IB CHASSIS IS TIED DIRECTLY TO CIRCUIT GROUND AND MUST REFERENCE THE SOURCE PROVIDING POWER WHICH IS TYPICALLY DONE AT THE FUSE PANEL.
6. MOUNTING THE IB BOX MAYBE DONE IN ONE OF TWO WAYS. A) MOUNT THE IB BOX DIRECTLY TO THE TRUCK FRAME, ESSENTIALLY BONDING THE TWO TOGETHER. B) INSTALL THE IB BOX SUCH THAT IT IS ISOLATED FROM THE TRUCK FRAME MAKING SURE THAT THE POWER CONNECTIONS ARE MADE ACCORDING TO NOTE 5.

IMPORTANT: THIS IS A CONTROL DRAWING ONLY AND DOES NOT REFLECT THE ACTUAL LOCATIONS OF CABLE ENTRY. FOR INSTALLATION DETAILS REFER TO EMR3 MANUAL 577013-758.

\* NONINDUCTIVE LOAD

DO NOT SCALE DRAWING				
DESIGNER	NAME	DATE	NEXT GRP.	
	BREEN	3/21/03	ASSEMBLY	
PROJECT	ANDREW	3/21/03	FORM NO	
MATERIAL			SIMSBURY, CONNECTICUT 06870 U.S.A.	
REFERENCE MFG. SPEC. VRS 81005 WHERE IT IS APPLICABLE	NOTICE - THIS DOCUMENT IS THE PROPERTY OF THE VEEDER-ROOT COMPANY AND IS NOT TO BE DISCLOSED, REPRODUCED IN WHOLE OR IN PART, OR USED FOR MANUFACTURE BY ANYONE WITHOUT VEEDER-ROOT'S WRITTEN CONSENT.			
UNSPECIFIED TOLERANCES +/- 0.005	<b>TANK TRUCK CONFIG. DIAGRAM EMR3</b>		SIZE D DRAWING NUMBER 331793-001	REV. C STATUS REL
	SCALE NONE	SHEET 1 OF 1		