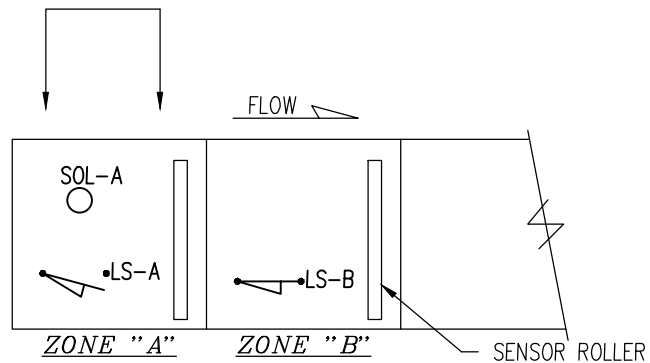


# PALLET LOAD ZONE

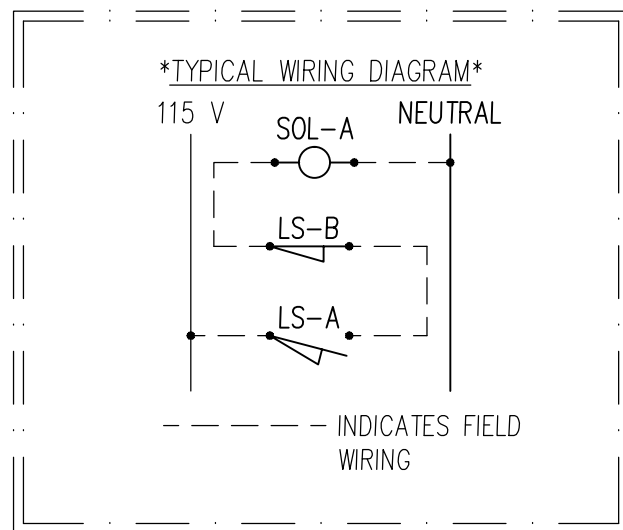


## COMPONENTS FURNISHED:

SOL-A.....ELEC. SOL. 110V-1ph-60cy 5A. 19-054

LS-A.....ROLLER ACTIVATED TIME DELAY L.S. - NORMALLY OPEN. (18-103) 802T-R1TD, LEVER ARM (18-035)

LS-B.....ROLLER ACTIVATED LIMIT SWITCH - NORMALLY CLOSED. (18-033) 802T-AP. (LEVER ARM. 18-035).



## SEQUENCE OF OPERATION

- ZONE "A" IS NOT RUNNING (LS-A IS OPEN).  
ZONE "B" IS RUNNING AND IS EMPTY (LS-B IS CLOSED).
- FORK LIFT OPERATOR PLACES A PALLET IN ZONE "A"  
AND ACTIVATES SENSOR ROLLER THEREBY CLOSING LS-A.
- LS-A "TIMES OUT" (ALLOWING TIME FOR THE FORK LIFT  
TO BACK OUT) AND STARTS ZONE "A."
- WHEN PALLET CLEARS SENSOR ROLLER IN ZONE "A",  
ZONE "A" ROLLERS STOP.
- REPEAT STEPS A THRU D.

## NOTES:

- PALLETS MUST BE PLACED DIRECTLY ONTO SENSOR  
ROLLER IN ZONE "A" IN ORDER TO START THE SEQUENCE
- IF A PALLET IS IN ZONE "B", LS-B WILL BE OPEN  
AND SOL-A WILL NOT BE ENERGIZED; THEREFORE,  
ZONE "A" WILL NOT RUN.

NOTE: FAD DRAWING IS GENERATED BY MODEL

A	TS	7/19/07	ISSUED	8739
REV.	INT.	DATE	CHANGES	ECO#
FO No.	STANDARD	TITLE 251CDA		
DIST.	WIRING DIAGRAM W/FORKLIFT LOADING			UNIT
USER	SNSR RLR ACTIVATED			
<p>CONVEYOR SYSTEMS, INC. WEST MEMPHIS, ARKANSAS</p>	TOLERANCES: DECIMAL ±0.03125", ANGULAR ±1° UNLESS OTHERWISE SPECIFIED		DATE 7/19/07	NEXT ASSEMBLY
	DESIGNED BY:	CHECKED BY:	DATE	SCALE
	DRAWN BY:	APPROVED BY:	DATE	REV.
	T.STOREY			A
DRAWING NUMBER				FAD-146