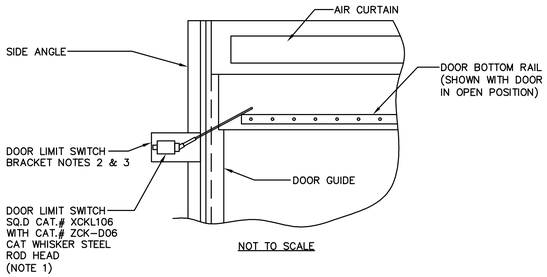
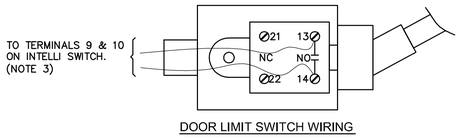
DOOR LIMIT SWITCH DETAIL



NOT TO SCALE

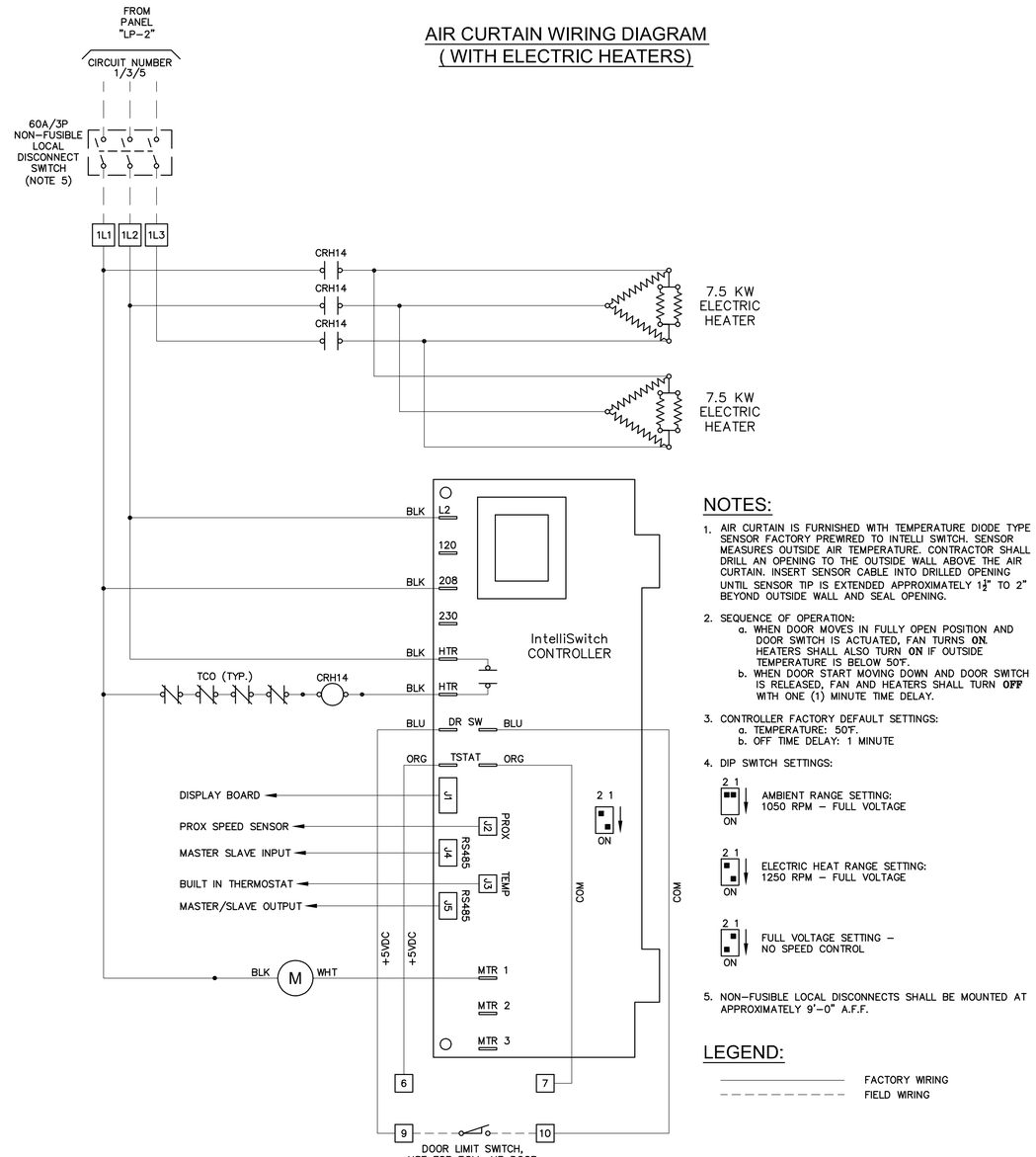


DOOR LIMIT SWITCH WIRING

NOTES:

1. DOOR LIMIT SWITCH SHALL BE SUPPLIED WITH AIR CURTAIN AND INSTALLED BY ELECTRICAL CONTRACTOR.
2. BRACKET FOR DOOR LIMIT SWITCH SHALL BE ATTACHED TO SIDE ANGLE AND FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
3. BRACKET AND DOOR LIMIT SWITCH SHALL BE POSITIONED NEAR TOP OF THE DOOR. WHEN DOOR IS FULLY OPEN DOOR LIMIT SWITCH ROD SHALL BE ACTUATED BY DOOR BOTTOM RAIL. DOOR LIMIT SWITCH NORMALLY OPEN CONTACT SHALL CLOSE AND START OPERATION OF AIR CURTAIN EQUIPMENT. DOOR LIMIT SWITCH SHALL BE WIRED TO TERMINALS 9 AND 10 ON INTELLI SWITCH.

AIR CURTAIN WIRING DIAGRAM
(WITH ELECTRIC HEATERS)



NOTES:

1. AIR CURTAIN IS FURNISHED WITH TEMPERATURE DIODE TYPE SENSOR FACTORY PREWIRED TO INTELLI SWITCH. SENSOR MEASURES OUTSIDE AIR TEMPERATURE. CONTRACTOR SHALL DRILL AN OPENING TO THE OUTSIDE WALL ABOVE THE AIR CURTAIN. INSERT SENSOR CABLE INTO DRILLED OPENING UNTIL SENSOR TIP IS EXTENDED APPROXIMATELY 1½" TO 2" BEYOND OUTSIDE WALL AND SEAL OPENING.
2. SEQUENCE OF OPERATION:
   a. WHEN DOOR MOVES IN FULLY OPEN POSITION AND DOOR SWITCH IS ACTUATED, FAN TURNS **ON**. HEATERS SHALL ALSO TURN **ON** IF OUTSIDE TEMPERATURE IS BELOW 50°F.
   b. WHEN DOOR START MOVING DOWN AND DOOR SWITCH IS RELEASED, FAN AND HEATERS SHALL TURN **OFF** WITH ONE (1) MINUTE TIME DELAY.
3. CONTROLLER FACTORY DEFAULT SETTINGS:
   a. TEMPERATURE: 50°F.
   b. OFF TIME DELAY: 1 MINUTE
4. DIP SWITCH SETTINGS:

AMBIENT RANGE SETTING:
1050 RPM – FULL VOLTAGE

ELECTRIC HEAT RANGE SETTING:
1250 RPM – FULL VOLTAGE

FULL VOLTAGE SETTING –
NO SPEED CONTROL

5. NON-FUSIBLE LOCAL DISCONNECTS SHALL BE MOUNTED AT APPROXIMATELY 9'-0" A.F.F.

LEGEND:

——————— FACTORY WIRING
– – – – – – – – – – – FIELD WIRING

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PROJECT TYPE

DRAWINGS/SPECIFICATIONS BY:
☐ WALGREENS' CONSULTANT
■ LANDLORD'S CONSULTANT

CONSTRUCTION WORK BY: (UNLESS NOTED OTHERWISE)
☐ WALGREENS' CONTRACTOR
■ LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW.....	■	NEW.....	■
REMODELING...	☐	EXISTING.....	☐
RELOCATION...	☐	NEW SHELL ONLY	☐
OTHER.....	☐		

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LIC. #49521 SOUHEIL CHEHAYEB CERT. #7340
09-97

NO.	DATE	DESCRIPTION

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

PROJECT NAME

STORE #13450
SWC OF FOURAKER & NORMANDY
JACKSONVILLE, FLORIDA

DRAWING TITLE

AIR CURTAIN WIRING DIAGRAMS

DATE:	WALGREENS STORE NO.	DRAWING NO.
11.30.09	13450	E4.6
DRAWN BY: P.M.	SCALE: AS SHOWN	
REVIEWED BY: S.C.	RELEASED TO CONSTRUCTION -	FWH PROJECT NO. 0913