



THE DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT FORT WORTH, TX. CONTRACTORS SHALL VERIFY THE SITE IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER DATE. THE USE OF THIS DRAWING FOR ANY OTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR ANY OTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

Walmart Neighborhood Market
FORT WORTH, TX
 STORE NO. 2979-211
 JOB NUMBER: USMR-006304
 GENERAL REMODEL

ISSUE BLOCK	
02/12/18	PERMIT/ BID
02/16/18	REV #1
03/02/18	ADD #1
30 X 42 SHEET SET	

CHECKED BY: BLW
 DRAWN BY: NSW
 PROTO: 52
 PHOTO CYCLE: 12/29/17
 DOCUMENT DATE: 02/12/18

DOCUMENTS WITHOUT SIGNATURE AND REQUIRED SEAL OF AOR/EOR ARE NOT FOR CONSTRUCTION

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 ENGINEER OF RECORD
 CA # F-2220

POWER PLAN

SHEET: **E2**

POWER DROP SCHEDULE	
NO.	DESCRIPTION
PD1	MOUNT RECEPTACLE(S) ON TOP OF DISPLAY UNIT(S)
PD2	MOUNT RECEPTACLE(S) ON BASE OF DISPLAY UNIT(S)
PD3	PROVIDE DIRECT CONNECTION TO EQUIPMENT
PD4	OPEN STRUCTURE MOUNT RECEPTACLE AT BAR JOIST AND INSTALL FURNISHED CORD REEL

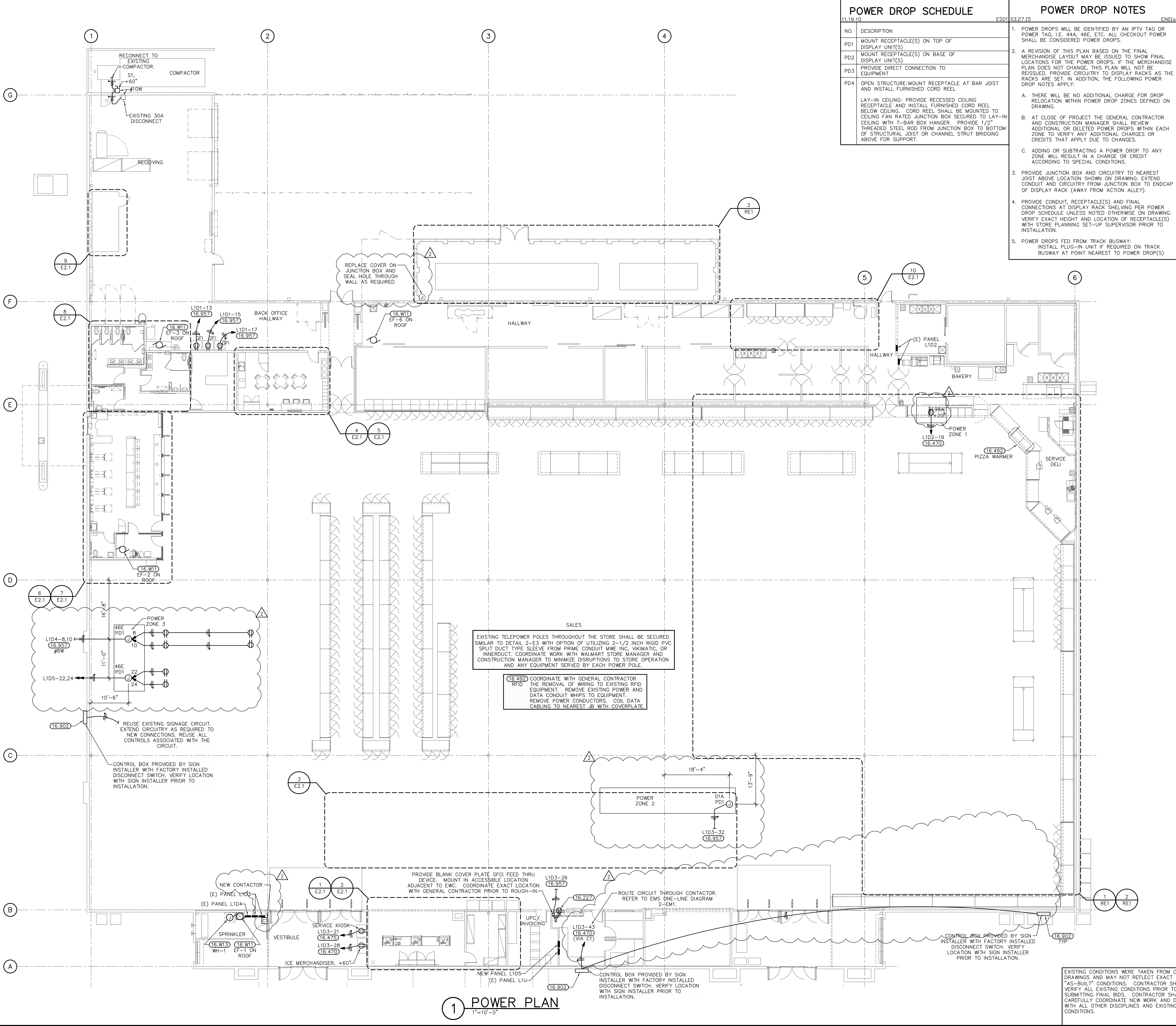
LAY-IN CEILING: PROVIDE RECESSED CEILING RECEPTACLE AND INSTALL FURNISHED CORD REEL BELOW CEILING. CORD REEL SHALL BE MOUNTED TO CEILING FAN RATED JUNCTION BOX SECURED TO LAY-IN CEILING WITH T-BAR BOX HANGER. PROVIDE 1/2" THREADED STEEL ROD FROM JUNCTION BOX TO BOTTOM OF STRUCTURAL JOIST OR CHANNEL STRUT BRIDGING ABOVE FOR SUPPORT.

- ### POWER DROP NOTES
- POWER DROPS WILL BE IDENTIFIED BY AN IPTV TAG OR POWER TAG, I.E. 44A, 45E, ETC. ALL CHECKOUT POWER SHALL BE CONSIDERED POWER DROPS.
 - A REVISION OF THIS PLAN BASED ON THE FINAL MERCHANDISE LAYOUT MAY BE ISSUED TO SHOW FINAL LOCATIONS FOR THE POWER DROPS. IF THE MERCHANDISE PLAN DOES NOT CHANGE, THIS PLAN WILL NOT BE REISSUED. PROVIDE CIRCUITRY TO DISPLAY RACKS AS THE RACKS ARE SET. IN ADDITION, THE FOLLOWING POWER DROP NOTES APPLY:
 - THERE WILL BE NO ADDITIONAL CHARGE FOR DROP RELOCATION WITHIN POWER DROP ZONES DEFINED ON DRAWING.
 - AT CLOSE OF PROJECT THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER SHALL REVIEW ADDITIONAL OR DELETED POWER DROPS WITHIN EACH ZONE TO VERIFY ANY ADDITIONAL CHARGES OR CREDITS THAT APPLY DUE TO CHANGES.
 - ADDING OR SUBTRACTING A POWER DROP TO ANY ZONE WILL RESULT IN A CHARGE OR CREDIT ACCORDING TO SPECIAL CONDITIONS.
 - PROVIDE JUNCTION BOX AND CIRCUITRY TO NEAREST JOIST ABOVE LOCATION SHOWN ON DRAWING. EXTEND CONDUIT AND CIRCUITRY FROM JUNCTION BOX TO ENDCAP OF DISPLAY RACK (AWAY FROM ACTION ALLEY).
 - PROVIDE CONDUIT, RECEPTACLE(S) AND FINAL CONNECTIONS AT DISPLAY RACK SHELVING PER POWER DROP SCHEDULE UNLESS NOTED OTHERWISE ON DRAWING. VERIFY EXACT HEIGHT AND LOCATION OF RECEPTACLE(S) WITH STORE PLANNING SET-UP SUPERVISOR PRIOR TO INSTALLATION.
 - POWER DROPS FED FROM TRACK BUSWAY: INSTALL PLUG-IN UNIT IF REQUIRED ON TRACK BUSWAY AT POINT NEAREST TO POWER DROP(S)

- ### GENERAL POWER NOTES
- TELEPOWER POLE(S): MOUNT JUNCTION BOX(ES) TO TOP SIDE OF BOTTOM CHORD OF BAR JOIST. INSTALL FURNISHED PRE-WIRED POWER POLE AND TERMINATE PROVIDED FLEXIBLE CONDUIT AND WIRING TO JUNCTION BOX. PROVIDE UNISTRUT SUPPORTS AND HARDWARE TO SECURE TELEPOWER POLE PLUMB TO BUILDING STRUCTURE.
 - PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
 - WHERE EQUIPMENT NAMEPLATE PROTECTIVE DEVICE RATING DIFFERS FROM SIZE PROVIDED, CHANGE OUT BRANCH CIRCUIT WIRING AND OVERCURRENT DEVICE TO APPROPRIATE RATING PER NEC.
 - ELECTRONIC FIRE PROTECTION/SECURITY ALARM BOXES AND CONDUITS SHOWN ON POWER PLANS SHALL BE PROVIDED UNDER THIS CONTRACT. IN ADDITION, UNLESS NOTED OTHERWISE, THE FOLLOWING GENERAL NOTES APPLY:
 - ALL ALARM JUNCTION BOXES SHALL BE 4"X4"X2-1/8" MINIMUM.
 - ALARM RACEWAYS SHALL BE 3/4" MINIMUM WITH PULL WIRE AND INSULATING BUSHINGS AT END OF VERTICAL RACEWAY RUN.
 - VERTICAL RACEWAYS FROM ALARM BOXES SHALL BE EITHER CONCEALED INSIDE WALL OR SURFACE MOUNTED (TO MATCH JUNCTION BOX MOUNTING). ALL VERTICAL RUNS SHALL BE TURNED 90-DEGREES AT TOP SIDE OF BOTTOM CHORD OF BAR JOIST AND EXTENDED HORIZONTALLY TO A LOCATION ACCESSIBLE BY VERTICAL FLOOR TYPE LIFT.
 - UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT:
 - INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE.
 - PERFORM CONTINUITY TEST.
 - VERIFY PROPER PHASING CONNECTION TO ALL THREE PHASE MOTOR LOADS.
 - REPLACE ANY MISSING, DAMAGED OR BROKEN RECEPTABLES AND COVER PLATES THROUGHOUT THE INTERIOR AND EXTERIOR OF THE STORE.

- ### ELECTRICAL KEYNOTES
- 16.227 ELECTRIC WATER COOLER RECEPTACLE: CONCEAL WITHIN CABINET PER MANUFACTURERS REQUIREMENTS.
 - 16.470 FURNISH AND INSTALL NEW 20 AMP, 120 VOLT CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P CIRCUIT BREAKER IF NEEDED. EC SHALL MATCH TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS. EC SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.
 - 16.475 FURNISH AND INSTALL NEW 20 AMP, 120 VOLT CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P 5mA GFCI CIRCUIT BREAKER FOR PERSONNEL PROTECTION. EC SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS. EC SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING PANELBOARD HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.
 - 16.492 EC SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE CONDUITS AND WIRES ALL THE WAY BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. LABEL DEMOLISHED CIRCUIT(S) IN PANELBOARDS AS "SPARE". COORDINATE EXACT REQUIREMENTS AND EXISTING CONDITIONS PRIOR TO BID.
 - 16.902 EXTERIOR SIGN POWER: WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR BELOW ROOF LINE, MOUNT JUNCTION BOX(ES) TO WALL AT SIGN CONNECTION POINT AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). REFER TO ARCHITECTURAL DRAWINGS FOR EXACT SIGN LOCATION(S) PRIOR TO INSTALLATION. WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR ABOVE ROOF LINE, PROVIDE UNISTRUT TO MOUNT JUNCTION BOXES TO BACK SIDE OF PARAPET AND PROVIDE 3/4" CONDUIT TO CONTROL BOX FOR LOW VOLTAGE WIRING (INSTALLED BY OTHERS). PROVIDE ONLY ONE PENETRATION THROUGH THE ROOF. REF ARCHITECTURAL EXTERIOR WALL SECTIONS AND SIGN ATTACHMENT FOR ROOF AND PARAPET ELECTRICAL PENETRATION REQUIREMENTS.
 - 16.957 CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.
 - 16.W11 EXISTING EXHAUST FAN (EF) TO BE REPLACED. COORDINATE REMOVAL OF EXISTING EF, AND INSTALLATION AND RECONNECTION OF NEW EF, WITH MECHANICAL CONTRACTOR.
 - 16.W13 A. WATER HEATERS: VERIFY REPLACEMENT OF EXISTING WATER HEATERS WITH WALMART CONSTRUCTION MANAGER. DISCONNECT EXISTING, AND RECONNECT NEW WATER HEATERS, AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR.
 B. FURNISH AND INSTALL HANDLE LOCKS (LOCK OFF) ON ALL CIRCUIT BREAKERS FEEDING WATER HEATERS.

CONTRACTOR SHALL PROVIDE AND INSTALL A COMMON TRIP BREAKER TIE, ON ALL ELECTRICAL CIRCUITS THAT SHARE A NEUTRAL CONDUCTOR. TYPICAL OF ALL CIRCUITS MODIFIED BY THIS SCOPE OF WORK.



1 POWER PLAN
 1"=10'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.