



FIRST FLOOR ELECTRICAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

- KEY PLAN**
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- PLAN KEY NOTE:**
1. COMPUTER WORKSTATION AND TELEPHONE FOR FLOOR SUPERVISOR WILL BE ISOLATED/DEDICATED 20A CIRCUIT - SEE DRAWING 400.
 2. SFS-B-1 - 1"Ø 50 JUNCTION BOX ROUTING FOR WIRELESS, CAMERA, LAN & PHONE. ALSO HAS PATH BACK TO SFS-B AT MENGE.
 3. CCTV CAMERA FOR PRODUCT TRACKING, GAME POSITION AND WAREHOUSE OVERVIEW.
 4. 3 BARCODE READERS FOR EACH PICK ZONE. READERS INDICATE BEGINNING OF ORDER/REQD AND WORK WITH REFLECTOR TREE TO VALIDATE CASE COUNT. CONNECTS TO WIRELESS.
 5. MENGE MESSAGE BOARD INDICATES ROUTE/REQD THAT IS QUOTED AT EACH BRAKE DISPLAY. MESSAGES BE WHEN EACH ZONE. CONNECTS TO WIRELESS.
 6. REFLECTOR TREE FOR CASE COUNTING (6 OR 7 FEET CASE/FRONT) - CONNECTS TO WIRELESS. NEED PROVISIONS FOR WASHING LIGHT/HORN & RESET.
 7. SFS-B-2 - 1"Ø 50 JUNCTION BOX (OR SIMILAR) FOR CONTROL WIRING FOR PRODUCT TRACKING METHODS.
 8. 2" CONDUIT FOR CONNECTIVITY BETWEEN SFS-B-1 AND SFS-B-2. CONDUIT SHALL BE BURRED IN SLAB.
 9. 2" CONDUIT FOR CONNECTIVITY BETWEEN SFS-B-2 AND P.L.C.-M-0/1/C-0-0. CONDUIT SHALL BE BURRED IN SLAB.
 10. 1" CONDUIT FOR CONNECTIVITY TO FROM SFS-B-1 TO CCTV CAMERA FOR MENGE ONLY. CONDUIT SHALL BE BURRED IN SLAB.
 11. 2" CONDUIT FOR CONNECTIVITY FROM COMPUTER ROOM TO SFS-B-1 (PHONE/MAN). CONDUIT SHALL BE BURRED IN SLAB.
 12. 10 - STAGE ZONE MESSAGE BOARDS RECEIVE POWER AND DATA FROM SFS-B-3. ALL MESSAGE BOARDS INDICATE TARGET ROUTE FOR EACH STAGE ZONE.
 13. SFS-B-3 - 1"Ø 50 JUNCTION BOX (OR SIMILAR) FOR MESSAGE BOARD WIRING FOR STAGE ZONES - 2" CONDUIT FEED FROM COMPUTER ROOM.
 14. 2" CONDUIT FOR FOR CONNECTIVITY FROM COMPUTER ROOM TO SFS-B-3.
 15. SFS-B-4 - 1"Ø 50 JUNCTION BOX (OR SIMILAR) FOR MESSAGE BOARD WIRING FOR LOADING DOORS - 2" CONDUIT FEED FROM COMPUTER ROOM.
 16. 5 - LOADING DOOR MESSAGE BOARDS RECEIVE POWER AND DATA FROM SFS-B-4.
 17. ALL MESSAGE BOARDS INDICATE TARGET ROUTE FOR EACH LOADING DOOR.
 18. WIRELESS ACCESS POINT TRANSMITTER RECEIVES DATA AND POWER FROM SFS-B-4 (USED FOR VARIOUS JOCKEY).
 19. PROXIMITY CARD READER AND OTHER DOOR CONTROL DEVICES FOR SECURITY SYSTEM NEED CABLE RUN BACK TO COMPUTER ROOM.
 20. 2 TELEPHONE HOOKS (ONE UNIT FOR PHONE EXTENSION NUMBER, ONE UNIT FOR PARKING) SHALL BE BURRED IN SLAB.
 21. 3" CONDUIT FROM COMPUTER ROOM TO PANEL FOR P.L.C.-M-0/1/C-0-0. CONDUIT SHALL BE BURRED IN SLAB.
 22. STEPS THROUGH FLOOR TO MASTER P.L.C. PANELS.
 23. 2" CONDUIT FROM COMPUTER ROOM TO SFS-B-5 (CAMERAS AND WIRELESS ACCESS POINT). CONDUIT SHALL BE BURRED IN SLAB.
 24. 2" CONDUIT FEED FROM NEW RIBER OPTIC CABLE TO OLD H-RISE SHALL BE BURRED IN SLAB.
 25. 2" CONDUIT FEED FOR MULTI-PAIR TELEPHONE TO EXISTING FACILITY ROUTE UNDER MEZZANINE THROUGH WALL UNDER SWALK.
 26. 2" CONDUIT FEED FROM SECURITY PANEL TO APPROPRIATE DOOR CONTROLS. ROUTE UNDER MEZZANINE THROUGH WALL UNDER SWALK.
 27. 1" CONDUIT FROM SECURITY PANEL TO APPROPRIATE DOOR CONTROLS. ROUTE UNDER MEZZANINE THROUGH WALL UNDER SWALK.
 28. THROUGH WALL UNDER SWALK.
 29. SFS-B-5 - CONNECTIVITY FOR CCTV CAMERAS AND WIRELESS ACCESS POINT (WIRELESS POWER AND DATA).
 30. 1" CONDUIT TO EACH CCTV CAMERA (PICK ZONES AND GAME).
 31. 1" CONDUIT TO EACH BACK BLOCK FOR SECURITY SYSTEM CONTROL.
 32. 1" CONDUIT FROM SFS-B-5 TO WIRELESS ACCESS POINT.
 33. 1" CONDUIT FROM SFS-B-5 TO WIRELESS ACCESS POINT.
 34. SFS-B-7 - CONNECTIVITY FOR DOOR SECURITY DEVICES NEAR SWALK.
 35. 1" CONDUIT TO UPSTAIRS COOLER DOOR.
 36. 2" CONDUIT FROM COMPUTER ROOM TO SFS-B-7 FOR SECURITY CONNECTIVITY. CONDUIT SHALL BE BURRED IN SLAB.
 37. SFS-B-8-4" SQUARE JUNCTION BOX (OR SIMILAR) FOR APPLICABLE DOOR CONTROLS.
 38. SFS-B-9-6" SQUARE JUNCTION BOX (OR SIMILAR) FOR TELEPHONE TO EXISTING FACILITY.
 39. SFS-B-10-4" SQUARE JUNCTION BOX (OR SIMILAR) FOR RIBER OPTIC TO OLD H-RISE.
 40. FROM CONDUIT RUNS THAT DO NOT OPERATE ON TERMINATE IN A JUNCTION BOX, THE TERMINAL SHALL BE BURRED IN SLAB.
 41. THE ORIGINAL CONTRACTOR IS TO SUPPLY AND INSTALL CONDUIT FITTINGS, JUNCTION BOXES, PULL STRINGS, AND HANGER MATERIAL, COMPUTER WORK STATIONS, TELEPHONE CABLE, AND TELEPHONE HOOKS AID BY OTHERS.

<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>0</td> <td>3-01-04</td> <td>ISSUED FOR BID</td> </tr> </table>		NO.	DATE	DESCRIPTION	0	3-01-04	ISSUED FOR BID	<p>PROJECT MANAGER: M.A.H.</p> <p>DESIGNED BY: M.A.H.</p> <p>DRAWN BY: R.E.C.</p> <p>CHECKED BY: M.A.H.</p>
NO.	DATE	DESCRIPTION						
0	3-01-04	ISSUED FOR BID						
<p>PROJECT: NEW MILK COOLER</p> <p>CLIENT: Oakhurst Dairy</p> <p>ADDRESS: 384 FOREST AVENUE PORTLAND, MAINE 04101</p>								
<p>PROJECT NUMBER: 0167.00</p> <p>DATE: MARCH 1, 2004</p> <p>DRAWING TITLE: FIRST FLOOR ELECTRICAL SYSTEMS PLAN</p>		<p>DRAWING NUMBER: E401</p> <p>REVISION: 0</p>						

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