



**TELEPHONE AND REGISTER SYSTEM PLAN**  
1/4"=1'-0"

NOTE:  
ALL DIMENSIONS ARE FROM INSIDE EDGE OF 8" CHU WALL.

**GENERAL NOTES**

1. ANY CHANGES MADE TO THE DESIGN IDENTIFIED ON THESE DRAWINGS AND/OR ASSOCIATED SPECIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER/ARCHITECT OF RECORD FOR REVIEW AND APPROVAL PRIOR TO MAKING ANY MODIFICATIONS TO THE PROJECT. ANY LIABILITY AS A RESULT OF DESIGN MODIFICATIONS, AS WELL AS ANY COSTS ASSOCIATED WITH SUCH MODIFICATIONS, MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT OF RECORD SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
2. UNLESS OTHERWISE NOTED, ALL CONDUITS SHALL BE 1-1/2" STEEL FLEX OR PLASTIC STUBBED OUT ABOVE THE WALL LINE AND TERMINATED INTO A STANDARD JUNCTION BOX FLUSH WITH THE WALL AND CAPABLE OF ACCEPTING A FACEPLATE COVER.
3. ALL JUNCTION BOXES SHOULD BE INSTALLED IN SUCH A WAY SO THAT THEY ARE NOT BLOCKED BY OTHER EQUIPMENT OR STRUCTURAL COMPONENTS.
4. ALL CABLE ACCESS OPENINGS THRU STAINLESS STEEL MUST HAVE RUBBER OR PLASTIC GROMMETS INSTALLED.
5. ELECTRICIAN TO INSTALL ALL COMMUNICATION AND DATA CONDUITS INCLUDING PULL WIRE BETWEEN CONNECTION POINTS.
6. ELECTRICIAN TO VERIFY WITH REGISTER SYSTEM SUPPLIER AND MENUBOARD SUPPLIER THE LOCATIONS AND SIZES OF ALL CONDUITS RELATING TO THAT SYSTEM.
7. SEE SHEET 5D-1 FOR MENU BOARD, PREVIEW BOARD, AND SPEAKER MOUNTING DETAILS AND CONDUIT REQUIREMENTS.

**MENUBOARD NOTES**

1. FOUNDATION DEPTH TO BE DETERMINED BY LOCAL SOIL CONDITIONS AND CODE REQUIREMENTS.
2. COORDINATE MENU SIGN BOLT LOCATIONS AND J-BOLT SIZE WITH SIGN MANUFACTURER.
3. ACTUAL SITE CONDITIONS MAY CAUSE AN ADJUSTMENT OF LAYOUT, LAYOUT SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. VERIFY SIGN LOCATION AND LAYOUT WITH OWNER.

**SYSTEMS CODED NOTES**

- 1) DEVICE MOUNTED ON INSIDE OF MILLWORK. WIRING TO DEVICE TO BE THROUGH JUNCTION BOX.
- 2) 1" CONDUIT WITH 4" X 4" X 4" MINIMUM SIZE JUNCTION BOX FOR HEADSET AT 60" A.F.F. TO ABOVE CEILING.
- 3) 3/4" CONDUIT WITH 4" X 4" X 4" MINIMUM SIZE JUNCTION BOX AT 2" A.F.F. UNDER COUNTER TO DRIVE-THRU WINDOW.
- 4) 3" CONDUIT UNDER FLOOR CASH TO CASH.
- 5) EXTEND (1) 3" CONDUIT FROM MONITOR JUNCTION BOX AT 72" UP THROUGH CEILING FOR DATA CABLES TO KITCHEN PROCESSOR. PROVIDE CONDUIT WITH PULLSTRING. COORDINATE EXACT LOCATION OF PROCESSOR WITH OWNER PRIOR TO ROUGH-IN.
- 6) 3" CONDUIT UNDER FLOOR CASH TO CASH.
- 7) 3" CONDUIT FOR SECURITY WITH 4" X 4" X 4" MINIMUM SIZE JUNCTION BOX AT 14" A.F.F. TO UNDER FLOOR TO UNDER REGISTER AT DRIVE-THRU. REFER TO DETAIL 3/E2.
- 8) 3" CONDUIT WITH 4" X 4" X 4" MINIMUM SIZE JUNCTION BOX AT 14" A.F.F. TO ABOVE ACCESSIBLE LAY-IN CEILING. INSTALL BUSHING ON CONDUIT END. REFER TO DETAIL 3/E2.
- 9) ELECTRICAL CONTRACTOR SHALL RUN IN-HOUSE PHONE LINES FROM TELEPHONE SYSTEM TO TELEPHONE OUTLETS. LINES SHALL BE CATEGORY 5E.
- 10) INSTALL TELEPHONE EQUIPMENT IN THIS 4' X 4' SPACE, KEEPING EQUIPMENT AS HIGH AND AS COMPACT AS POSSIBLE. 4' HEIGHT IS TO BE MEASURED STARTING AT THE CEILING AND THEN DOWN 4'.
- 11) PHONE JACK FOR CREDIT CARD MACHINE INSTALLED AT 11'-0" A.F.F.. ELECTRICAL CONTRACTOR SHALL RUN IN HOUSE PHONE LINES FROM TELEPHONE SYSTEM TO PHONE JACK. PHONE LINES SHALL BE CATEGORY 5E.
- 12) PHONE JACK FOR CREDIT CARD MACHINE INSTALLED AT 2'-5/8" A.F.F.. ELECTRICAL CONTRACTOR SHALL RUN IN HOUSE PHONE LINES FROM TELEPHONE SYSTEM TO PHONE JACK. PHONE LINES SHALL BE CATEGORY 5E.
- 13) THREE GANG JUNCTION BOX WITH BLANK COVER PLATE FOR FUTURE HOT BUTTON. INSTALL 1/2" CONDUIT FROM BOX TO ABOVE ACCESSIBLE CEILING, TURN OUT 90° (HORIZONTAL) AND INSTALL BUSHING ON END OF CONDUIT.
- 14) ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL JUNCTION BOX IN MILL WORK FOR DATA/COMMUNICATION CONNECTION. SEE DETAIL 7 SHEET E4.
- 15) 2" CONDUIT FROM MEDIA CABINET TO MENU BOARD. USE LONG RADIUS ELLS FOR ALL BENDS.

REVISIONS:  
DATE ISSUED: 07-02-2008  
INDICATES REVISION TO THIS SHEET

Atlanta  
Boston  
Chicago  
Dallas  
Los Angeles  
Miami  
Sacramento

**wd partners**  
7007 Discovery Blvd  
Dublin, OH 43017  
Tel: 614.834.7777  
Fax: 614.834.7777 F  
wdpartners.com

**Tim Hortons**  
1408 CONGRESS STREET  
PORTLAND, ME 04102

**TELEPHONE AND REGISTER SYSTEM PLAN AND DETAILS**

DRAWN BY: CG CHECKED BY: JD