

GENERAL NOTES

- REFER TO DRAWING E5.0 FOR ADDITIONAL PLAN NOTES.
- ALL CATEGORY SE DROPS AND TERMINATIONS TO BE IN ACCORDANCE WITH THE 669-B STANDARD, AND MAXIMUM 30' LONG. IF DISTANCE EXCEEDS THE 30' MAX LENGTH THEN FIBER OPTIC CABLE SHALL BE UTILIZED.
- PROVIDE 25 PAIR CAT 5E CABLE FROM SERVICE PROVIDERS DEMARK LOCATION TO EQUIPMENT ROOM. VERIFY EXACT LOCATION OF DEMARK IN FIELD. TERMINATE ON SPLIT 50 PR 86 BLOCKS & TEST.
- PROVIDE 2 CAT 5, 4-PAIR FROM COMPUTER ROOM TO EACH ELEVATOR CONTROL ROOM. (WHERE PRESENT)
- JUNCTION BOXES SHOWN AT CASH WRAPS ARE SAME JUNCTION BOXES AS SPECIFIED ON THE POWER PLANS. REFER TO SHEETS E2.0, E2.1 & E3.0 FOR JUNCTION BOX DETAILS.
- ALL DATA CABLE SHALL BE LABELED ACCORDINGLY. COORDINATE EXACT LABELING SCHEME WITH BCF.
- ALL DATA CABLING WILL BE TERMINATED BY THE LOW VOLTAGE SYSTEM CONTRACTOR ON 48 PORT RACK MOUNTED PATCH PANELS & LOCATED ON THE EQUIPMENT RACKS.

CABLING INFRASTRUCTURE INSTALLATION SCOPE OF WORK

- THE FOLLOWING TASKS SHALL BE PERFORMED
- ALL WIRE / CABLE SHALL BE TIGHTED TO STRUCTURE AND INSTALLED IN CLEAN STRAIGHT RUNS.
 - TERMINATE THE CAT 5E DATA CABLES WITH RJ45 OUTLETS. TEST AND LABEL. CABLE SHALL BE WHITE.
 - CABLE SHALL BE TERMINATED AT RACK ON 48 PORT CAT 5E PATCH PANELS.
 - CABLE SHALL BE TERMINATED AT THE DATA OUTLET USING RJ-45 JACK 868B.
 - SUPPLY AND INSTALL (2) 18 AWG 2 CONDUCTOR SHIELDED PLENUM RATED CABLES FROM THE MDF TO ALL SPEAKER LOCATIONS IN A DAISY CHAIN CONFIGURATION. HOMERUNS AS INDICATED.
 - SUPPLY, INSTALL AND TERMINATE ALL SPEAKERS AS PER PLAN.
 - SUPPLY AND INSTALL (1) 25pr CAT 5E PLENUM RATED CABLE FROM THE DEMARK TO THE MDF IN EQUIPMENT ROOM.
 - SUPPLY & INSTALL (1) 25 PAIR CAT 5E PLENUM RATED CABLE FROM MDF TO DF-1.
 - 25 PAIR CABLES SHALL BE TERMINATED AT BOTH ENDS ON SPLIT 50pr 86 BLOCKS AND TESTED.
 - PROVIDE RED-LINE AS-BUILT DRAWINGS OF CABLING INFRASTRUCTURE AS WELL AS BCF APPROVED TESTING CONTACT BCF CONSTRUCTION PROJECT MANAGER FOR DETAILS.
 - EXACT LOCATIONS OF DATA JACKS, AP'S, ID'S, WIP'S, ETC SHALL BE VERIFIED WITH BURLINGTON PRIOR TO INSTALLATION.
- ADDITIONAL FIBER OPTIC INSTALLATION REQUIREMENTS.
- FIBER CABLE SHALL BE 82.5 MICRON MULTI-MODE B3 PLASTIC STANDARD OR (ORANGE)
 - RACK MOUNTED FIBER TERMINATION BOX - QUANTITY (2) ONE EACH END WITH SC CONNECTIONS.

COMMUNICATION LEGEND

SP	BOSE DS-16F SPEAKERS - SPEAKER TO BE TAPPED (2) TWO WATT 70V 15 GA. 2 CONDUCTOR PLENUM & SHIELDED CABLE SHALL BE WHITE. SPEAKERS TO BE DAISY CHAINED TERMINATING AT COMPUTER ROOM. SPEAKER SHALL BE WHITE.
SV	BOSE DS-16F SPEAKER WITH WALL MOUNTED VOLUME CONTROL. SPEAKER TO BE TAPPED (1) ONE WATT 70V 15 GA. 2 CONDUCTOR SHIELDED CABLE. SPEAKERS TO BE DAISY CHAINED TERMINATING AT COMPUTER ROOM. SPEAKER SHALL BE WHITE.
DO	DATA OUTLET. CAT 5E CABLE. ROUTED BETWEEN THE CLOSEST RACK, 1 OR 2 LOCATION & OUTLET. TERMINATED IN ACCORDANCE WITH THE 669B WIRING STANDARD ON A RECESSED CAT 5E RACK MOUNT AT 12" OFF 11.0M. ELECTRICAL CONTRACTOR SHALL PROVIDE 2 GANG BOX WITH A SINGLE GANG MUD RING & 1/4" CONDUIT FOR EACH OUTLET.
WIP	WIRELESS INTRUSION PROTECTION - REQUIRES CONNECTION VIA CAT 5E. MOUNTED AT 13'-6" MAXIMUM
FIB	FIBER SWITCH. ROUTE FIBER OPTIC CABLE FROM FLOOR MOUNTED RACK IN EQUIPMENT ROOM TO WALL MOUNTED RACK IN STORAGE ROOM. TERMINATE ON A RACK MOUNTED FIBER ENCLOSURE AT EACH END.
AP	ACCESS POINT. REQUIRES CONNECTION VIA CAT 5E CABLE TO EQUIPMENT ROOM / OR CLOSEST NETWORK SWITCH. MOUNTED AT 13'-6" MAXIMUM OR 6" BELOW CEILING. TERMINATE ALL LOCATIONS WITH 868B JACKS.
RACK1	48 PORT PATCH PANELS. PROVIDED BY WIPED BY AND INSTALLED IN A 7'-0" FLOOR MOUNTED 2 POST RACK BY E.C. COORDINATE FINAL LOCATIONS WITH BCF IN FIELD PRIOR TO INSTALLATION.
RACK2	48 PORT CAT 5E PATCH PANEL INSTALLED IN WALL COLUMN MOUNTED. 2'-0" SHING GATE RACK (PROVIDED BY WIPED BY AND INSTALLED BY LOW VOLTAGE CONTRACTOR). COORDINATE FINAL LOCATIONS WITH BURLINGTON PROJECT MANAGER PRIOR TO INSTALLATION.
TC	EMPLOYEE TIME CLOCK.

ALL CONDUITS, BOXES, PULL STRINGS AND 120 VOLT POWER SHALL BE INSTALLED BY E.C. ALL TELEPHONE DATA WIRING DEVICES AND EQUIPMENT SHALL BE PROVIDED, WIRED AND INSTALLED BY BCF'S PREFERRED LOW VOLTAGE VENDOR. E.C. SHALL COORDINATE WITH AND PAY FOR ALL CHARGES OF BCF'S PREFERRED LOW VOLTAGE VENDOR.

ALL EQUIPMENT WIRING & DEVICES SHALL BE PROVIDED, WIRED & INSTALLED BY BURLINGTONS NATIONAL LOW VOLTAGE SYSTEM VENDOR. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL LOW VOLTAGE SYSTEMS VENDOR COSTS IN BID. ALL CONDUIT WITH PULL WIRE & BOXES SHALL BE PROVIDED & INSTALLED BY ELECTRICAL CONTRACTOR.

ALL CABLING SHALL BE RUN PARALLEL OR PERPENDICULAR TO WALLS (NO DIAGONAL RUNS). CABLE SHALL BE HIDDEN TO EXTENT POSSIBLE & BUNDLED NEATLY.

ALL EQUIPMENT & DEVICES LOCATED IN SALES AREA SHALL BE MOUNTED ON BACKSIDE OF COLUMN OPPOSITE THE MAIN ENTRY DOORS.

THIS DRAWING IS FOR REFERENCE ONLY. ALL FINAL LOCATIONS AND QUANTITIES SHALL BE COORDINATED WITH BCF LOW VOLTAGE DEPARTMENT PRIOR TO ANY WORK BEING PERFORMED.

PETER M. HONEYFORD
PROFESSIONAL ENGINEER
VA BUSINESS ENTITY PERMIT NO. 427095483
VA LICENSE NUMBER 402228541
EXP-11/30/2019



Date:
William J Fearon AIA
VA 017651

CLIENT & PROJECT

Burlington
BURLINGTON STORES, INC.
1830 ROUTE 130 NORTH
BURLINGTON, NEW JERSEY
08016

TENANT IMPROVEMENT FOR
MANASSAS, VA
STORE #188

SUDLEY TOWN PLAZA
7685 SUDLEY ROAD
MANASSAS, VA 20109

DISTRIBUTION:	DATE:
PERMIT SUBMISSION	02-22-2019

PROJECT INFO:
PROJECT NUMBER:
9333.10
DRAWN: [] CHECKED: []
PPW: [] JMD

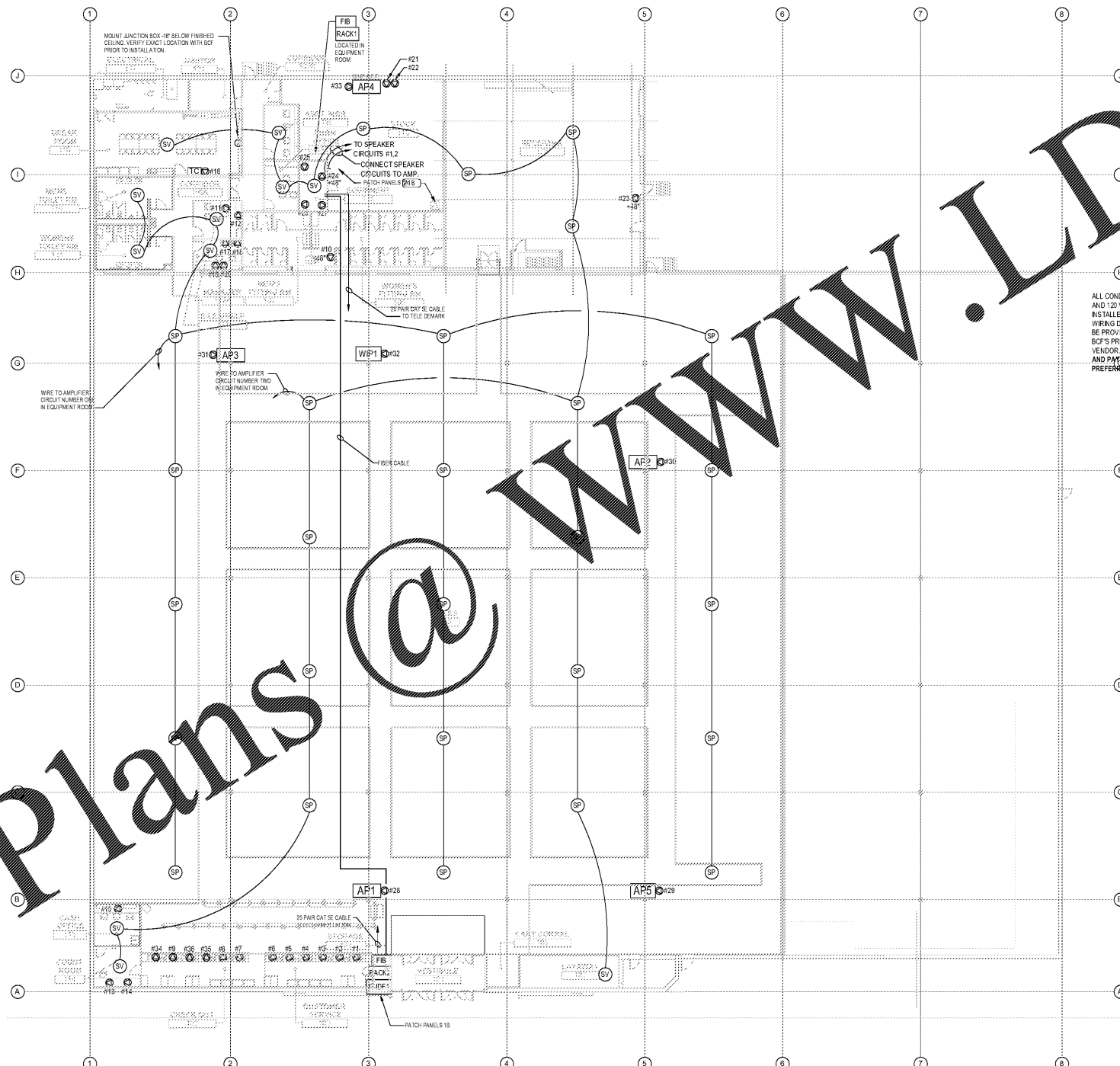
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DRAWING NAME & TITLE:

COMMUNICATIONS PLAN

E7.0

OUTLET #	SALES AREA / ROOM	# OF CAT5E	LABEL	TELEPHONE EXTENSION
1	REGISTER #1	3	1B-A01	NO
			1B-A02	NO
			1B-B01	111
2	REGISTER #2	3	1B-A03	NO
			1B-A04	NO
			1B-B02	112
3	REGISTER #3	3	1B-A05	NO
			1B-A06	NO
			1B-B03	113
4	REGISTER #4	3	1B-A07	NO
			1B-A08	NO
			1B-B04	114
5	REGISTER #5	3	1B-A09	NO
			1B-A10	NO
			1B-B05	115
6	REGISTER #6	3	1B-A11	NO
			1B-A12	NO
			1B-B06	116
7	REGISTER #7	3	1B-A13	NO
			1B-A14	NO
			1B-B07	117
8	REGISTER #8	3	1B-A15	NO
			1B-A16	NO
			1B-B08	118
9	SEASONAL REGISTER	4	1B-A17	NO
			1B-A18	NO
			1B-A19	NO
			1B-A20	NO
10	FITTING ROOMS	1	1A-B01	140
11	MANAGER OFFICE	2	1A-A01	NO
			1A-B02	101
12	MANAGERS OFFICE	2	1A-A02	NO
			1A-B03	FAX1
13	E-LEARNING / COUNT ROOM	4	1A-A03	NO
			1A-A04	NO
			1A-A05	NO
			1A-B04	104
14	E-LEARNING / COUNT ROOM	2	1A-A06	NO
			1A-A07	NO
15	CASH ROOM	1	1A-B05	103
16	TIME CLOCK	1	1A-A08	NO
17	LP OFFICE / DEPT. MANAGER	4	1A-A09	NO
			1A-A11	NO
			1A-B06	105
			1A-A12	NO
18	LP OFFICE / DEPT. MANAGER	4	1A-A13	NO
			1A-A13	NO
			1A-B07	102
			1A-B08	FAX2
19	SEASONAL REGISTER	2	1A-A14	NO
			1A-A15	NO
20	SEASONAL REGISTER	2	1A-A16	NO
			1A-A17	NO
21	MARKING DESK	1	1A-B09	131
			1A-A18	NO
22	MARKING DESK	4	1A-A19	NO
			1A-A20	NO
			1A-A21	NO
23	RECEIVING	1	1A-B10	130
24	EQUIPMENT ROOM	1	1A-B11	132
25	EQUIPMENT ROOM	2	1A-A22	NO
			1A-A23	NO
26	EQUIPMENT ROOM	1	1A-A24	NO
27	EQUIPMENT ROOM	1	1A-A25	NO
28	AP01	1	1B-A21	NO
29	AP05	1	1B-A22	NO
30	AP02	1	1A-A26	NO
31	AP03	1	1A-A27	NO
32	WIP01	1	1A-A28	NO
33	AP04	1	1A-A29	NO
34	SEASONAL REGISTER	4	1B-A24	NO
			1B-A25	NO
			1B-A26	NO
			1B-A27	NO
6	REGISTER	3	1B-A28	NO
			1B-A29	NO
8	REGISTER #	3	1B-A30	NO
			1B-B10	122



1 COMMUNICATION PLAN
SCALE 1/16" = 1'-0"

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