LEVEL 3
CABLEMATRIX PLAN
1/8"=1'-0"

BILL OF MATERIALS

QTY	SYMBOL	DESCRIPTION
14		X2DB(*)–POWER ZONE DISTRIBUTION BOX PREWIRED (CONFIGURATION B – 24-2) 3IN/8OUT (ZONE NUMBER)
12		XFLMP – FLUSH LID MODULE PREWIRED HOSES (2) IMBO DUPLEX OUTLETS (CIRCUIT NUMBER LISTED) (SEE CUT-OUT LOCATION DETAIL)
45		SCB–SYSTEM CONVERSION MODULE (REQUIRES 3" GROMET, DETAIL A, LOCATED IN ADJOINING PANEL FOR FURNITURE WIRING HARNESS)
14		XCS4 CIRCUIT CABLE SPLITTER 4–WAY (CONNECTS 2, 3, OR 4 XCS CABLE SETS)
32		XILC IN–LINE CONNECTOR (CONNECTS 2 XCS CABLE SETS) (USED TO CREATE COMBINED XCS CABLE SETS TO X2DB)
45		XAPG 3" GROMMET, DETAIL B, LOCATED AT EXPOSED FLOOR PENTRATIONS FOR POWER AND DATA LINES
0	5	COMBINED X2SC–05 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
0	10	COMBINED X2SC–10 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
0	15	COMBINED X2SC–15 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
0	20	COMBINED X2SC–20 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
3	25	COMBINED X2SC–25 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
15	50	COMBINED X2SC–50 ZONE STARTER CABLE (4–CIRCUIT) (TO CONNECT X2DB – SEE ZONE CABLE TABLE) (DASHES IN LINE INDICATE NUMBER OF CABLES IN RACEWAY)
11	5	XCS(*)–05 5' QUICK CONNECT CABLE (4–CIRCUIT) (TO CONNECT XFLMP)
23	10	XCS(*)–10 10' QUICK CONNECT CABLE (4–CIRCUIT) (TO CONNECT XFLMP)
29	15	XCS(*)–15 15' QUICK CONNECT CABLE (4–CIRCUIT) (TO CONNECT XFLMP)
17	20	XCS(*)–20 20' QUICK CONNECT CABLE (4–CIRCUIT) (TO CONNECT XFLMP)
8	25	XCS(*)–25 25' QUICK CONNECT CABLE (4–CIRCUIT) (TO CONNECT XFLMP)
		DATA ZONE DISTRIBUTION BOX (24 PORT) (ZONE NUMBER)
		RECOMMENDED FIBER OPTIC CABLE PATHWAY
		RECOMMENDED DATA/VOICE PATHWAY (DASHES IN LINE INDICATE NUMBER OF (20–24) CAT 6 CABLE BUNDLES IN RACEWAY)
		RECOMMENDED DATA/VOICE PATHWAY (2–4 CAT 6 CABLES PER BUNDLE)
		MODULAR BASE (SEE START POINT)
		FREE–STANDING CYLINDERS (SEE START POINT)
11		RECOMMENDED RAMPING AREA (30" LONG) (RAMPS SUPPLIED BY FLEXSPACE, INC.)

NOTES

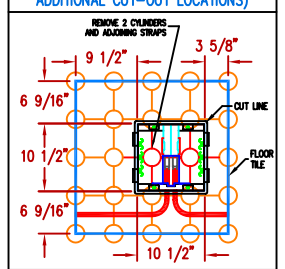
PANELS:

FULL SIZE	=	3,759
GREATER THAN 50%	=	156
LESS THAN 50%	=	230
AREA=	14,837	SQ.FT.

1) THE MATERIALS ARE BASED ON COMPUTER GENERATED FLOOR PLANS PROVIDED BY THE CUSTOMER. ROOM DIMENSIONS MUST BE VERIFIED BEFORE BEGINNING INSTALLATION. THE MATERIALS REQUIREMENT QUOTED ASSUMES VERY EFFICIENT USE OF THE ACCESS PANELS DURING INSTALLATION. INSERT PANELS SHOULD BE TRIMMED TO ALLOW BOTH PIECES TO BE USED AROUND THE PERIMETER OF THE ROOM WHEN POSSIBLE.
2) CABLEFLOOR INSTALLATION STARTING POINT, REFERENCE TECHNICAL MANUAL JANUARY 2003.
3) ELECTRICAL COMPONENTS ARE NOT DRAWN TO SCALE AND ARE LOCATED APPROXIMATELY. INSTALLER SHOULD LOCATE ELECTRICAL FLOOR BOXES OUT OF FOOT SPACE OF WORKSTATION.
4) FINAL CABLEMATRIX ELECTRICAL PLAN(S) MUST BE REVIEWED AND APPROVED BY AUTHORIZED PROJECT ELECTRICAL AUTHORITY, AS EVIDENCED BY RETURN TO FLEXSPACE OF SIGNED AND DATED ELECTRICAL PLAN APPROVAL FORM.

DETAIL A

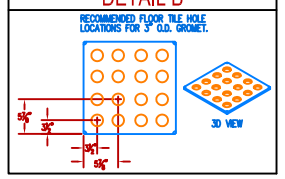
RECOMMENDED FLOOR TILE CUT–OUT LOCATION FOR XFLMP (SEE TECHNICAL MANUAL FOR ADDITIONAL CUT–OUT LOCATIONS)



PANEL, XLFMP, AND CYLINDER REMOVAL AREA CAN BE ROTATED 90° TO PROVIDE 4 MOUNTING LOCATIONS

DETAIL B

RECOMMENDED FLOOR TILE HOLE LOCATIONS FOR 3" O.D. GROMET.



DATA DESIGN CRITERIA

1) SYSTEM UTILIZES PASSIVE DATA ZONE DISTRIBUTION USING 24 PORT DATA ZONE BOXES
2) SEE DATA CABLES TABLE FOR LENGTH AND NUMBER OF CABLES TO BE RUN TO DATA DISTRIBUTION BOXES
3) SEE DATA DESIGN CRITERIA (A–G) BELOW FOR NUMBER OF CABLES TO BE RUN FROM DATA DISTRIBUTION BOXES TO WORKSTATIONS AND FLOORBOXES

(SEE OVERVIEW BELOW FOR GROUPING)

A) 4 CAT6 LINES TO EACH ROW OF THREE WORKSTATIONS
B) 2 CAT6 LINES TO EACH WORKSTATION
C) 2 CAT6 LINES TO EACH WORKSTATION
D) 2 CAT6 LINES TO EACH WORKSTATION
E) 3 CAT6 LINES TO EACH FLOOR BOX IN WALLED OFFICES
F) 3 CAT6 LINES TO EACH FLOOR BOX IN WALLED OFFICES
G) 4 CAT6 LINES TO EACH OF 4 FLOOR BOXES IN CONFERENCE ROOM

DATA CABLES TO DISTRIBUTION BOX

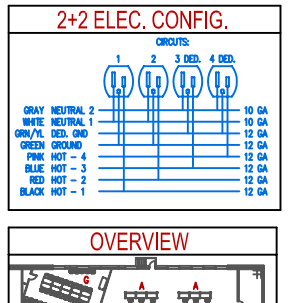
ZONE #	CABLE LENGTH	NUMBER OF CABLES	TYPE OF CABLE	PORTS USED	SPARE PORTS
D–01	90'	20	CAT6	14	6
D–02	25'	20	CAT6	16	4
D–03	100'	20	CAT6	16	4
D–04	125'	20	CAT6	16	4
D–05	95'	24	CAT6	20	4
D–06	125'	20	CAT6	12	8
D–07	160'	24	CAT6	20	4
D–08	225'	20	CAT6	15	5
D–09	180'	24	CAT6	20	4
D–10	195'	24	CAT6	20	4
D–11	210'	24	CAT6	20	4
D–12	125'	24	CAT6	20	4
D–13	155'	20	CAT6	16	4
D–14	180'	20	CAT6	16	4
D–15	160'	20	CAT6	15	5
TOTAL	2,120'	324		256	68

ELEC. DESIGN CRITERIA

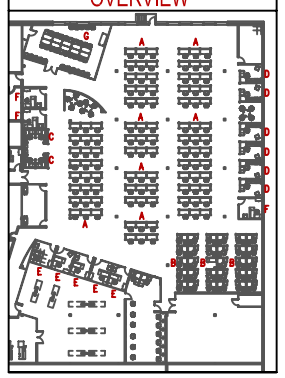
(SEE OVERVIEW BELOW FOR GROUPING)

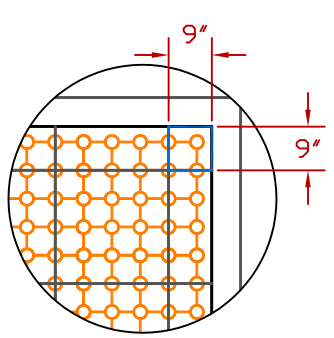
A) 2 DUPLEX PER WORKSTATION – 6 DUPLEX PER CIRCUIT
B) 2 DUPLEX PER WORKSTATION – 4–6 DUPLEX PER CIRCUIT
C) 3 DUPLEX PER WORKSTATION – 6 DUPLEX PER CIRCUIT
D) 3 DUPLEX PER WORKSTATION – 3 DUPLEX PER CIRCUIT
E) 3 DUPLEX PER FLOOR BOX – 5 DUPLEX PER CIRCUIT
F) 3 DUPLEX PER FLOOR BOX – 3 DUPLEX PER CIRCUIT
G) 3 DUPLEX PER FLOOR BOX – 4 DUPLEX PER CIRCUIT

2+2 ELEC. CONFIG.

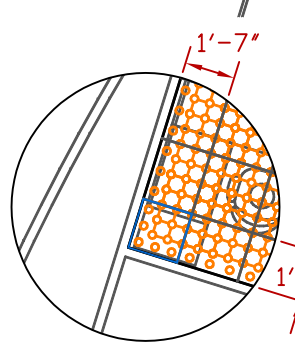


OVERVIEW





START POINT A



START POINT B

Updated 01-31-08

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CABLEMATRIX®PLANNING
FOR CABLEFLOOR®CABLE MANAGEMENT SYSTEM

SAMPLE DRAWING
LEVEL 3

PROJECT NUMBER: 0000–000	
DATE: 00 XXXXXX 2007	
DRAWN: MJW	APPROVED: MJW
PAGE: 1 OF 1	
SHEET: CF-1	