

34.12	PVC Coupling 1/2"	pcs	4
34.13	PVC Connector w/Locknut 1/2"	pcs	2
34.14	PVC Sealant	can	0.3
34.15	Plastic Moulding 1"	pcs	4
34.16	No Nail Adhesive	pcs	0.5
34.17	G. I. Wire #16	kgs	1
34.18	Metal Clamp 1/2" 2 hole	pcs	5
34.19	Tox & Screw #6	pcs	10
34.20	Electrical Tape	pcs	0.5
34.21	Masking Tape	pcs	0.5
35	MAIN LIBRARY-GF		
35.1	Data Cabinet 12RU	set/s	1
35.2	Expansion Bolt and shield	set/s	4
35.3	Amco Box	set/s	2
35.4	Information Outlet CAT6	set/s	2
35.5	Face Plate Duplex	set/s	2
35.6	UTP Cable CAT6	rolls	0.1311475
35.7	RJ45 Connector	pcs	16
35.8	RJ45 Rubber Boot	pcs	16
35.9	PVC Pipe 1/2"	pcs	10
35.10	PVC Elbow 1/2"	pcs	6
35.11	PVC Coupling 1/2"	pcs	6
35.12	PVC Connector w/Locknut 1/2"	pcs	4
35.13	PVC Sealant	can	0.3
35.14	Plastic Moulding 1"	pcs	4
35.15	No Nail Adhesive	pcs	0.5
35.16	G. I. Wire #16	kgs	1
35.17	Metal Clamp 1/2" 2 hole	pcs	10
35.18	Tox & Screw #6	pcs	20
35.19	Electrical Tape	pcs	0.5
35.20	Masking Tape	pcs	0.5
36	MAIN LIBRARY-2F		
36.1	Data Cabinet 12RU	set/s	1
36.2	Expansion Bolt and shield	set/s	4
36.3	Amco Box	set/s	3
36.4	Information Outlet CAT6	set/s	3
36.5	Face Plate Duplex	set/s	3
36.6	UTP Cable CAT6	rolls	0.1311475
36.7	RJ45 Connector	pcs	16
36.8	RJ45 Rubber Boot	pcs	16
36.9	Plastic Junction Box 4"x4"	pcs	4
36.10	PVC Pipe 1/2"	pcs	10
36.11	PVC Elbow 1/2"	pcs	6
36.12	PVC Coupling 1/2"	pcs	6
36.13	PVC Connector w/Locknut 1/2"	pcs	4
36.14	PVC Sealant	can	0.3
36.15	Plastic Moulding 1"	pcs	6
36.16	No Nail Adhesive	pcs	0.5
36.17	G. I. Wire #16	kgs	1
36.18	Metal Clamp 1/2" 2 hole	pcs	10
36.19	Tox & Screw #6	pcs	20
36.20	Electrical Tape	pcs	0.5
36.21	Masking Tape	pcs	0.5
37	MAIN LIBRARY-3F		
37.1	Data Cabinet 12RU	set/s	1
37.2	Expansion Bolt and shield	set/s	4

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37.3	Amco Box	set/s	1
37.4	Information Outlet CAT6	set/s	1
37.5	Face Plate Duplex	set/s	1
37.6	UTP Cable CAT6	rolls	0.0983607
37.7	RJ45 Connector	pcs	4
37.8	RJ45 Rubber Boot	pcs	4
37.9	Plastic Junction Box 4"x4"	pcs	1
37.10	PVC Pipe 1/2"	pcs	6
37.11	PVC Elbow 1/2"	pcs	2
37.12	PVC Coupling 1/2"	pcs	2
37.13	PVC Connector w/Locknut 1/2"	pcs	2
37.14	PVC Sealant	can	0.3
37.15	Plastic Moulding 1"	pcs	2
37.16	No Nail Adhesive	pcs	0.5
37.17	G. I. Wire #16	kgs	1
37.18	Metal Clamp 1/2" 2 hole	pcs	5
37.19	Tox & Screw #6	pcs	10
37.20	Electrical Tape	pcs	0.5
37.21	Masking Tape	pcs	0.5
38	OSSA		
38.1	Data Cabinet 12RU	set/s	1
38.2	Expansion Bolt and shield	set/s	4
38.3	Amco Box	set/s	1
38.4	Information Outlet CAT6	set/s	1
38.5	Face Plate Duplex	set/s	1
38.6	UTP Cable CAT6	rolls	0.0491803
38.7	RJ45 Connector	pcs	4
38.8	RJ45 Rubber Boot	pcs	4
38.9	Plastic Junction Box 4"x4"	pcs	1
38.10	PVC Pipe 1/2"	pcs	6
38.11	PVC Elbow 1/2"	pcs	3
38.12	PVC Coupling 1/2"	pcs	3
38.13	PVC Connector w/Locknut 1/2"	pcs	2
38.14	PVC Sealant	can	0.2
38.15	Plastic Moulding 1"	pcs	3
38.16	No Nail Adhesive	pcs	0.2
38.17	G. I. Wire #16	kgs	0.3
38.18	Metal Clamp 1/2" 2 hole	pcs	4
38.19	Tox & Screw #6	pcs	4
38.20	Electrical Tape	pcs	0.3
38.21	Masking Tape	pcs	0.3
38.22	Plastic Tie Wrap 10"	pck	0.25
39	RESEARCH FOR WEATHER AND CLIMATE CHANGE		
39.1	Data Cabinet 12RU	set/s	1
39.2	Expansion Bolt and shield	set/s	4
39.3	Amco Box	set/s	3
39.4	Information Outlet CAT6	set/s	3
39.5	Face Plate Duplex	set/s	3
39.6	UTP Cable CAT6	rolls	0.0983607
39.7	RJ45 Connector	pcs	16
39.8	RJ45 Rubber Boot	pcs	16
39.9	PVC Pipe 1 1/2"	pcs	5
39.10	PVC Elbow 1 1/2"	pcs	3
39.11	PVC Coupling 1 1/2"	pcs	4
39.12	PVC Connector w/Locknut 1 1/2"	pcs	4
39.13	Pull Box 8"x8"x4"	pcs	1

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39.14	Plastic Junction Box 4"x4"	pcs	4
39.15	PVC Pipe 1/2"	pcs	10
39.16	PVC Elbow 1/2"	pcs	4
39.17	PVC Coupling 1/2"	pcs	4
39.18	PVC Connector w/Locknut 1/2"	pcs	4
39.19	PVC Sealant	can	0.3
39.20	Plastic Moulding 1"	pcs	6
39.21	No Nail Adhesive	pcs	0.5
39.22	G. I. Wire #16	kgs	1
39.23	Metal Clamp 1 1/2" 2 hole	pcs	10
39.24	Metal Clamp 1/2" 2 hole	pcs	10
39.25	Tox & Screw #6	pcs	20
39.26	Electrical Tape	pcs	0.5
39.27	Masking Tape	pcs	0.5
40	SCIENCE LABORATORY - GF		
40.1	Data Cabinet 12RU	set/s	1
40.2	Expansion Bolt and shield	set/s	4
40.3	Amco Box	set/s	2
40.4	Information Outlet CAT6	set/s	2
40.5	Face Plate Duplex	set/s	2
40.6	UTP Cable CAT6	rolls	0.1311475
40.7	RJ45 Connector	pcs	12
40.8	RJ45 Rubber Boot	pcs	12
40.9	PVC Pipe 1 1/2"	pcs	7
40.10	PVC Elbow 1 1/2"	pcs	3
40.11	PVC Coupling 1 1/2"	pcs	4
40.12	PVC Connector w/Locknut 1 1/2"	pcs	4
40.13	Pull Box 8"x8"x4"	pcs	1
40.14	Plastic Junction Box 4"x4"	pcs	4
40.15	PVC Pipe 1/2"	pcs	11
40.16	PVC Elbow 1/2"	pcs	4
40.17	PVC Coupling 1/2"	pcs	4
40.18	PVC Connector w/Locknut 1/2"	pcs	4
40.19	PVC Sealant	can	0.3
40.20	Plastic Moulding 1"	pcs	6
40.21	No Nail Adhesive	pcs	0.5
40.22	G. I. Wire #16	kgs	1
40.23	Metal Clamp 1 1/2" 2 hole	pcs	10
40.24	Metal Clamp 1/2" 2 hole	pcs	10
40.25	Tox & Screw #6	pcs	20
40.26	Electrical Tape	pcs	0.5
40.27	Masking Tape	pcs	0.5
41	SCIENCE LABORATORY - 2F		
41.1	Data Cabinet 12RU	set/s	1
41.2	Expansion Bolt and shield	set/s	4
41.3	Amco Box	set/s	1
41.4	Information Outlet CAT6	set/s	1
41.5	Face Plate Duplex	set/s	1
41.6	UTP Cable CAT6	rolls	0.0655738
41.7	RJ45 Connector	pcs	12
41.8	RJ45 Rubber Boot	pcs	12
41.9	PVC Pipe 1 1/2"	pcs	7
41.10	PVC Elbow 1 1/2"	pcs	3
41.11	PVC Coupling 1 1/2"	pcs	4
41.12	PVC Connector w/Locknut 1 1/2"	pcs	4
41.13	Pull Box 8"x8"x4"	pcs	1

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41.14	Plastic Junction Box 4"x4"	pcs	4
41.15	PVC Pipe 1/2"	pcs	8
41.16	PVC Elbow 1/2"	pcs	4
41.17	PVC Coupling 1/2"	pcs	4
41.18	PVC Connector w/Locknut 1/2"	pcs	4
41.19	PVC Sealant	can	0.3
41.20	Plastic Moulding 1"	pcs	6
41.21	No Nail Adhesive	pcs	0.5
41.22	G. I. Wire #16	kgs	1
41.23	Metal Clamp 1 1/2" 2 hole	pcs	10
41.24	Metal Clamp 1/2" 2 hole	pcs	10
41.25	Tox & Screw #6	pcs	20
41.26	Electrical Tape	pcs	0.5
41.27	Masking Tape	pcs	0.5
42	SCIENCE LABORATORY - 3F		
42.1	Data Cabinet 12RU	set/s	1
42.2	Expansion Bolt and shield	set/s	4
42.3	Amco Box	set/s	1
42.4	Information Outlet CAT6	set/s	1
42.5	Face Plate Duplex	set/s	1
42.6	UTP Cable CAT6	rolls	0.0655738
42.7	RJ45 Connector	pcs	10
42.8	RJ45 Rubber Boot	pcs	10
42.9	PVC Pipe 1 1/2"	pcs	7
42.10	PVC Elbow 1 1/2"	pcs	3
42.11	PVC Coupling 1 1/2"	pcs	4
42.12	PVC Connector w/Locknut 1 1/2"	pcs	4
42.13	Pull Box 8"x8"x4"	pcs	1
42.14	Plastic Junction Box 4"x4"	pcs	4
42.15	PVC Pipe 1/2"	pcs	8
42.16	PVC Elbow 1/2"	pcs	4
42.17	PVC Coupling 1/2"	pcs	4
42.18	PVC Connector w/Locknut 1/2"	pcs	4
42.19	PVC Sealant	can	0.3
42.20	Plastic Moulding 1"	pcs	6
42.21	No Nail Adhesive	pcs	0.5
42.22	G. I. Wire #16	kgs	1
42.23	Metal Clamp 1 1/2" 2 hole	pcs	10
42.24	Metal Clamp 1/2" 2 hole	pcs	10
42.25	Tox & Screw #6	pcs	20
42.26	Electrical Tape	pcs	0.5
42.27	Masking Tape	pcs	0.5

FIBER BACKBONE MATERIALS			
ITEM	DESCRIPTION	UOM	QTY
1	Fiber Optic Cable 12 Core Single Mode	mtr	2800
2	Fiber Panel SC Loaded 12 port	set/s	14
3	Fiber Patch Cord 3m SC-LC Single Mode (pieces)	set/s	42
4	Fiber Optic Pigtail Single Mode (pieces)	set/s	168
5	Protection Sleeve	set/s	168
	CONCRETING		
6	Cement	bags	1020
7	Sand	cu mtr	40
8	Gravel	cu mtr	75
9	PVC Pipe 2" (500 pcs)	pcs	500
	MANHOLE		

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