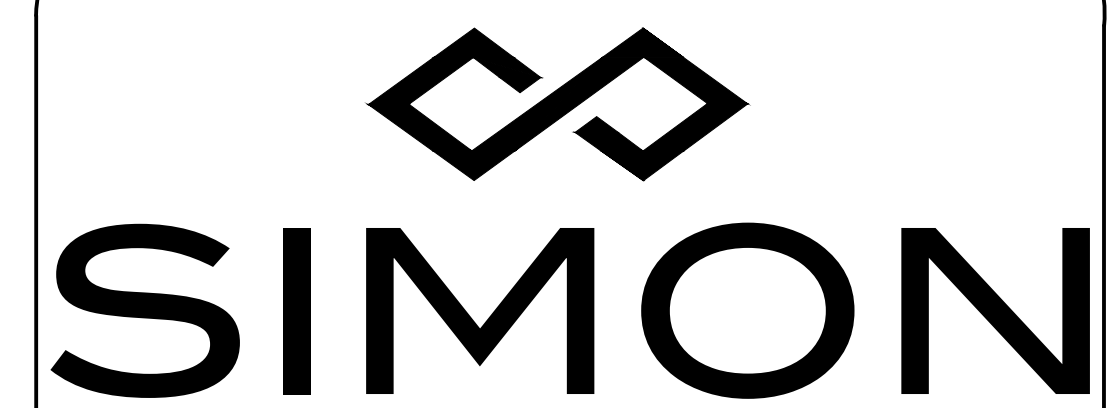




4145 Indus Way
Riverside, CA 92503
Tel: 951-737-0600
Fax: 951-737-0603
www.tanddcomm.com

Client:



Project:

Wireless LAN
St Johns Town Center
4663 River City Dr.
Jacksonville, FL 32246

Issue / Revision

Mark	Date	Description
5	11/29/17	WLAN DESIGN
6	1/10/20	REVISION 1

Client Acceptance:

Print Name _____
Sign _____
Date _____

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ENGINEERING DEPT.

IDENTIFICATION STAMP
JOB No. 5-190143

INT. RB DATE 1/10/20

T AND D COMMUNICATIONS

Drawn By: RB

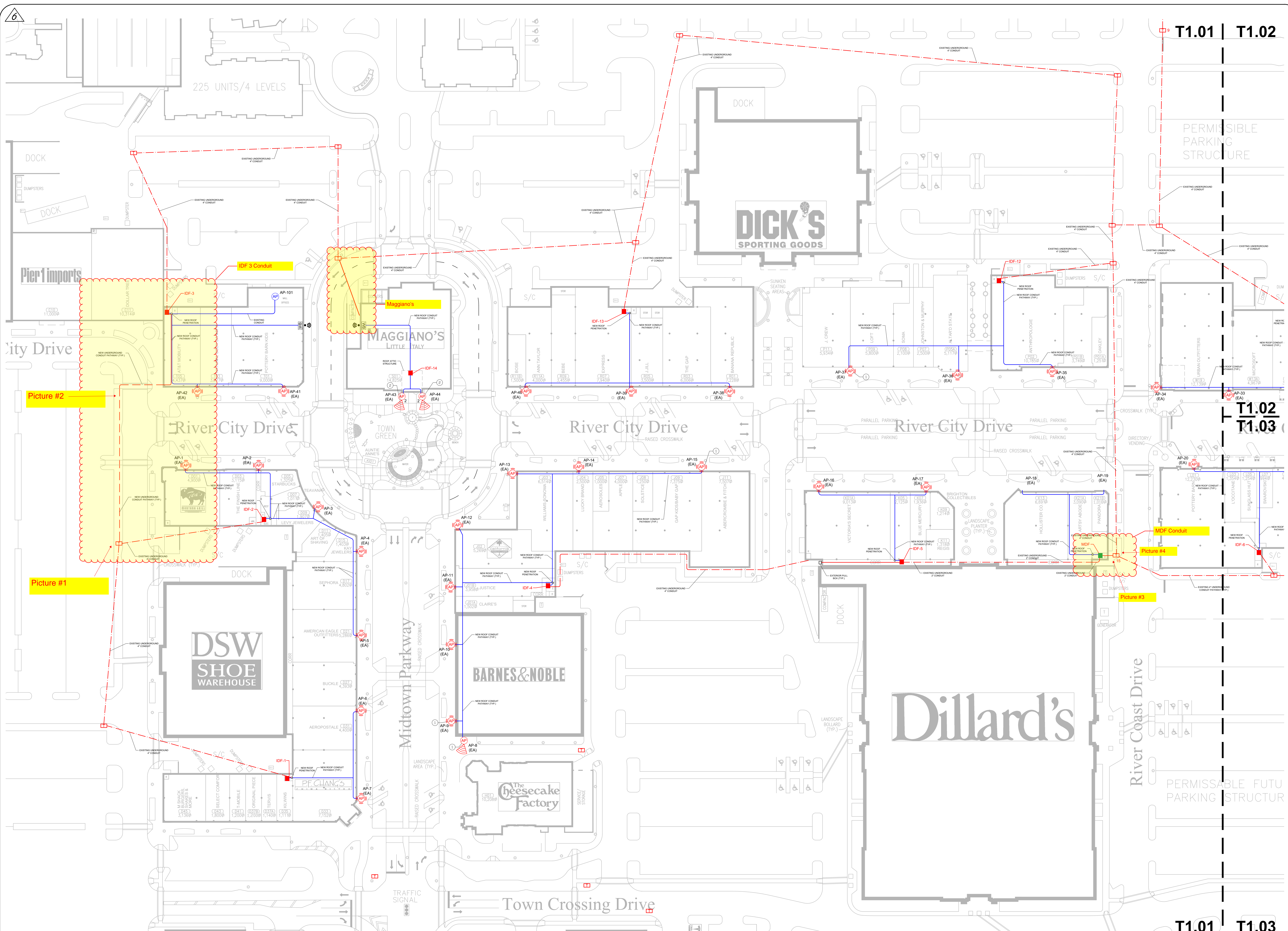
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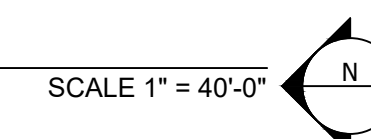
Sheet Title:
PARTIAL MASTER PLAN
AREA A

Sheet Number:

T1.01



PARTIAL MASTER PLAN - AREA A

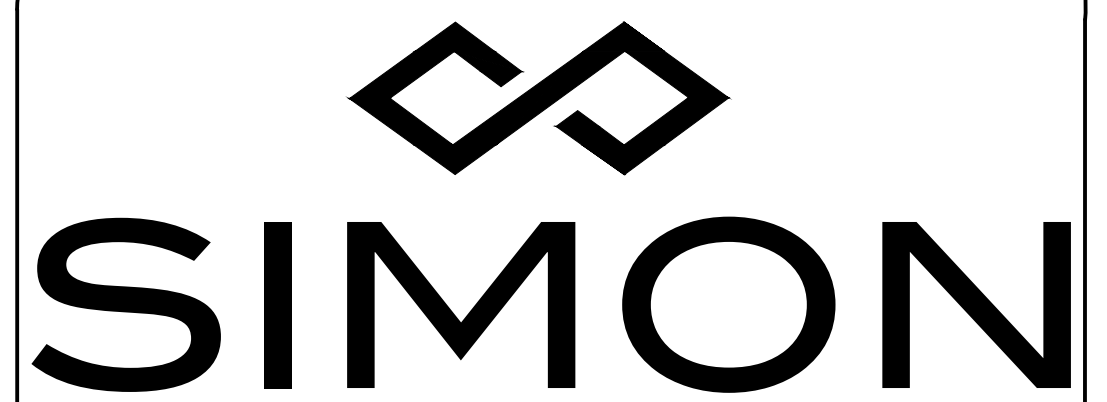


LEGEND		KEYNOTES	GENERAL NOTES	
	MDF		<p>1. PATHWAYS ARE DIAGRAMMATIC IN NATURE, CONTRACTOR TO FIELD VERIFY EXISTING UNDERGROUND CONDUIT PATHWAYS AND DISTANCES BEFORE STARTING THE INSTALLATION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER.</p> <p>2. INSTALL (1) 19U WALL MOUNT CABINET AT EACH IDF AND MDF LOCATION, MIN. 24" DEEP, LOCKABLE AND WITH A PLEXI GLASS DOOR. MOUNT CABINET TO 4'X4' FIRE RATED BACKBOARD, 8" A.F.F U.N.O AND GROUND CABINET TO GROUND BUSBAR.</p> <p>3. ELECTRICAL CONTRACTOR SHALL INSTALL (1) DUPLEX OUTLET AT IDF LOCATIONS AND (1) QUAD OUTLET AT MDF LOCATION, 20 AMPS, POWERED ON 24/7 (I.E NOT ON EMS), RAISED 8" A.F.F.</p> <p>4. ELECTRICAL CONTRACTOR SHALL PROVIDE GROUND BUSBAR AT EACH (N) IDF LOCATION.</p> <p>5. CONTRACTOR TO FIELD VERIFY WALL MOUNT CABINET LOCATIONS WITH OWNER PRIOR TO INSTALLATION.</p>	
	IDF			
	MR 42 ACCESS POINT			
	MR74 ACCESS POINT W/ OMNI ANTENNA			
	MR74 ACCESS POINT W/ PATCH ANTENNA			
	MR84 ACCESS POINT W/ PATCH ANTENNA		<p>1. CONTRACTOR SHALL INSTALL (1) OUTDOOR ENABLE IT GIGABIT POE EXTENDER KIT P/N: 828WP FOR EACH ACCESS POINT EXCEEDING 90 METERS DISTANCE FROM IDF LOCATION. CONTRACTOR TO FIELD VERIFY EXACT POE EXTENDER LOCATIONS WITH OWNER PRIOR TO INSTALLATION.</p> <p>2. INSTALL (2) CAT6 UTP CABLES FOR HIGH DENSITY ACCESS POINTS.</p>	
	CAT6 UTP CABLE			(E) UNDERGROUND CONDUIT
	SINGLE MODE FIBER OPTIC			(N) UNDERGROUND CONDUIT
	(E) UNDERGROUND CONDUIT			CONDUIT ABOVE GRADE
	(N) UNDERGROUND CONDUIT			TELECOM VAULT
	CONDUIT ABOVE GRADE		WB	WIRELESS BRIDGE



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 4663 River City Dr.
 Jacksonville, FL 32246

Issue / Revision

Mark	Date	Description
5	11/29/17	WLAN DESIGN
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Print Name _____
 Sign _____
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ENGINEERING DEPT.

IDENTIFICATION STAMP
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INT. RB DATE 1/10/20

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Drawn By: RB

Date: 1/10/20

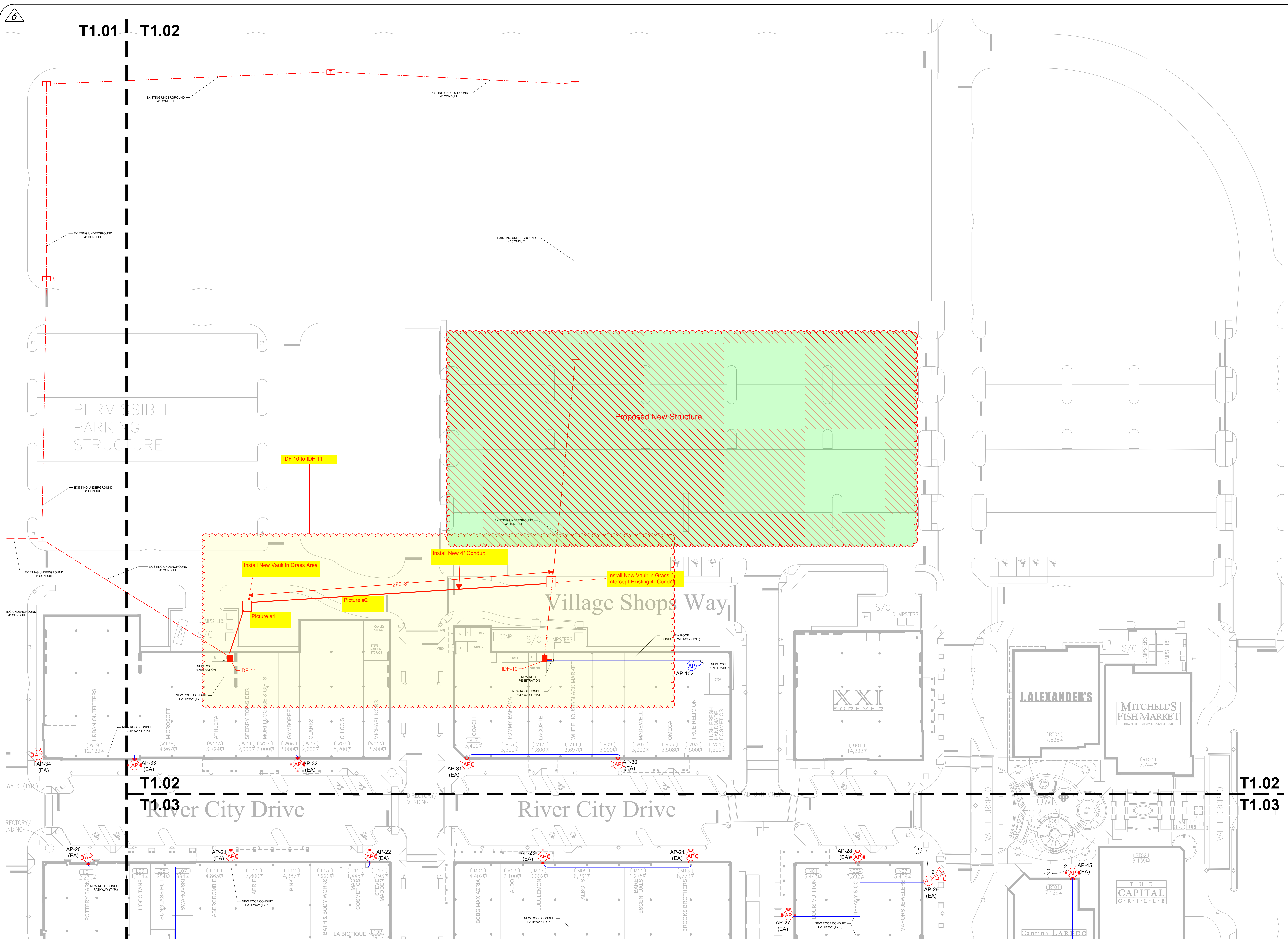
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Sheet Title:

PARTIAL MASTER PLAN
 AREA B

Sheet Number:

T1.02



PARTIAL MASTER PLAN - AREA B
 SCALE 1" = 30'-0"

LEGEND		KEYNOTES	GENERAL NOTES	
	MDF		1. PATHWAYS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR TO FIELD VERIFY EXISTING UNDERGROUND CONDUIT PATHWAYS AND DISTANCES BEFORE STARTING THE INSTALLATION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER. 2. INSTALL (1) 19U WALL MOUNT CABINET AT EACH IDF AND MDF LOCATION, MIN. 24" DEEP, LOCKABLE AND WITH A PLEXI GLASS DOOR. MOUNT CABINET TO 4'X4' FIRE RATED BACKBOARD, 8" A.F.F. U.N.O AND GROUND CABINET TO GROUND BUSBAR. 3. ELECTRICAL CONTRACTOR SHALL INSTALL (1) DUPLEX OUTLET AT IDF LOCATIONS AND (1) QUAD OUTLET AT MDF LOCATION, 20 AMPS, POWERED ON 24/7 (I.E. NOT ON EMS), RAISED 8" A.F.F. 4. ELECTRICAL CONTRACTOR SHALL PROVIDE GROUND BUSBAR AT EACH (N) IDF LOCATION. 5. CONTRACTOR TO FIELD VERIFY WALL MOUNT CABINET LOCATIONS WITH OWNER PRIOR TO INSTALLATION.	
	IDF			
	MR 42 ACCESS POINT			
	MR74 ACCESS POINT W/ OMNI ANTENNA			
	MR74 ACCESS POINT W/ PATCH ANTENNA			
	MR84 ACCESS POINT W/ PATCH ANTENNA		1. CONTRACTOR SHALL INSTALL (1) OUTDOOR ENABLE IT GIGABIT POE EXTENDER KIT P/N: 828WP FOR EACH ACCESS POINT EXCEEDING 90 METERS DISTANCE FROM IDF LOCATION. CONTRACTOR TO FIELD VERIFY EXACT POE EXTENDER LOCATIONS WITH OWNER PRIOR TO INSTALLATION. 2. INSTALL (2) CAT6 UTP CABLES FOR HIGH DENSITY ACCESS POINTS.	
	(E) UNDERGROUND CONDUIT			TELECOM VAULT WIRELESS BRIDGE
	(N) UNDERGROUND CONDUIT			
	CONDUIT ABOVE GRADE			
	TELECOM VAULT			
	WIRELESS BRIDGE			

T1.01 Picture #1



220 FT to End of Grass

T1.01 Picture #2

100 FT to Building

220 FT to Existing Vault



T1.01 Picture #3

Existing 2" from Vault to Junction Box
Need additional 4" conduit



T1.01 Picture #4



New 4" could go here or around the corner

T1.02 Picture #1



100 FT to end of grass

50 FT to building

Install New Vault



T1.02 Picture #2

175 FT to next
Service Court

