



**1 BASEMENT NEW TELECOMMUNICATIONS LAYOUT**  
 3/16" = 1'-0"

**DRAWING KEYNOTES:**

1. 1 1/2" EMT STUB UP TO ACCESSIBLE CEILING SPACE.
2. HDMI, VGA AND AUDIO OUTLET, TO BE MOUNTED AT 400mm AFF.
3. CITY TO SUPPLY AND INSTALL PROJECTOR AND PROJECTOR SUPPORT STRUCTURE.
4. CONTRACTOR TO PROVIDE CONDUIT AND CABLING FOR CEILING MOUNT PROJECTOR. CONTRACTOR TO PROVIDE HDMI, VGA AND AUDIO CABLES FROM THE CORRESPONDING OUTLETS INDICATED IN KEYNOTE#2 TO PROJECTOR LOCATED AT THE CENTRE OF ROOM B-01. ALL CABLES AT THE PROJECTOR LOCATION TO BE COILED IN THE CEILING SPACE, ALLOW 10 FEET OF EXTRA CABLE LENGTH FROM THE UNDERSIDE OF THE FINISHED CEILING. SUPPORT CABLES IN THE ACCESSIBLE CEILING SPACE WITH J-HOOK.
5. FOR FUTURE WI-FI ACCESS POINT.
6. CONTRACTOR TO INSTALL CITY SUPPLIED ACCESS CONTROL ENCLOSURE AND POWER SUPPLY BESIDE EXISTING INTRUSION ALARM PANEL. CONTRACTOR TO PROVIDE DEDICATED 120V AC CIRCUIT, 2" EMT CONDUIT BETWEEN INTRUSION ALARM PANEL AND ACCESS CONTROL ENCLOSURE AND POWER SUPPLY. SUPPLY AND INSTALL MULTICONDUCTOR CABLE HONEYWELL PROFUSION PART # 2195 FT4 RATED INSTALLED IN CONDUIT FROM ACCESS CONTROL ENCLOSURE TO ACCESS CONTROL DEVICE LOCATION AT THE DOOR. ALSO FROM ACCESS CONTROL ENCLOSURE TO THE EXISTING KEY SWITCH DEVICE BOX LOCATED IN THE MAIN FLOOR. ALLOW A MINIMUM 10 FEET EXTRA CABLE LENGTH AT THE PANEL AND MINIMUM 20 INCHES EXTRA CABLE LENGTH AT THE ACCESS CONTROL DEVICE LOCATION.

**GENERAL NOTES:**

1. ALL VOICE AND DATA OUTLET LOCATED IN THE WALL SHALL BE PROVIDED WITH 27mm EMT CONDUIT UP TO ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE CONDUIT FROM DEVICE BOX UP TO ACCESSIBLE CEILING SPACE.
2. ALL CONDUIT AND CABLES SHALL BE CONCEALED.
3. ALL ACCESS CONTROL CONDUIT TO BE 3/4" UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE FROM #3 PULL BOX TO ACCESS CONTROL DEVICE LOCATIONS.
4. SCAN FLOOR AND WALL PRIOR TO CORING. FIRE SEAL ALL PENETRATION TO FIRE RATED FLOOR AND WALLS.
5. PROVIDE CONDUIT FOR NEW VOICE/DATA CABLE LOCATED IN EXPOSED CEILING IN THE BASEMENT.
6. CONTRACTOR TO COORDINATE ON SITE WITH THE CONTRACT ADMINISTRATOR THE EXACT LOCATION OF ACCESS CONTROL DEVICES PRIOR TO INSTALLATION. CONTACT PERSON MICHAEL KUPCHIN TELEPHONE # 2048033891.
7. CITY IS RESPONSIBLE FOR THE SUPPLY, INSTALL, TEST AND COMMISSION ACCESS CONTROL EQUIP/DEVICES.)
8. VOICE AND DATA DEVICE BOX TO BE 4"x4"x2 1/2" CW SINGLE GANG PLASTER RING.
9. ALL VOICE AND DATA OUTLET TO BE ADJACENT AND THE SAME HEIGHT AS ELECTRICAL OUTLET.



Project: St. Vital Library  
 Enter address here  
 Project Number: 10554  
 Bid Opportunity Number: 798-2016  
 Drawing Title: NEW BASEMENT ACCESS CONTROL & COMMS PLAN

#	Issue/Revision	Date
1	ISSUED FOR CONSTRUCTION	SEPT 09, 2016
2	ADDENDUM #1	OCT 31, 2016

Sheet No: T-4  
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