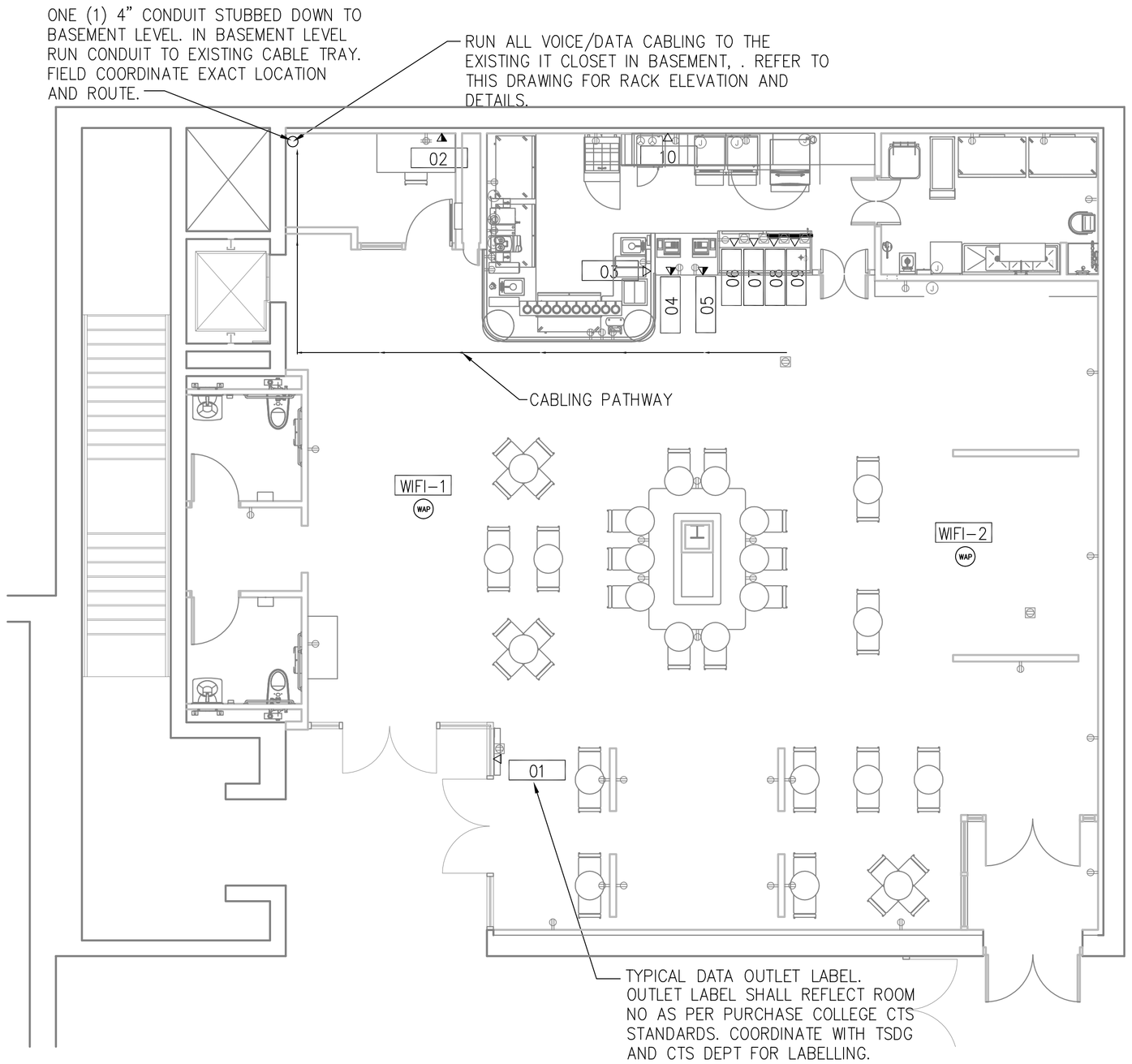
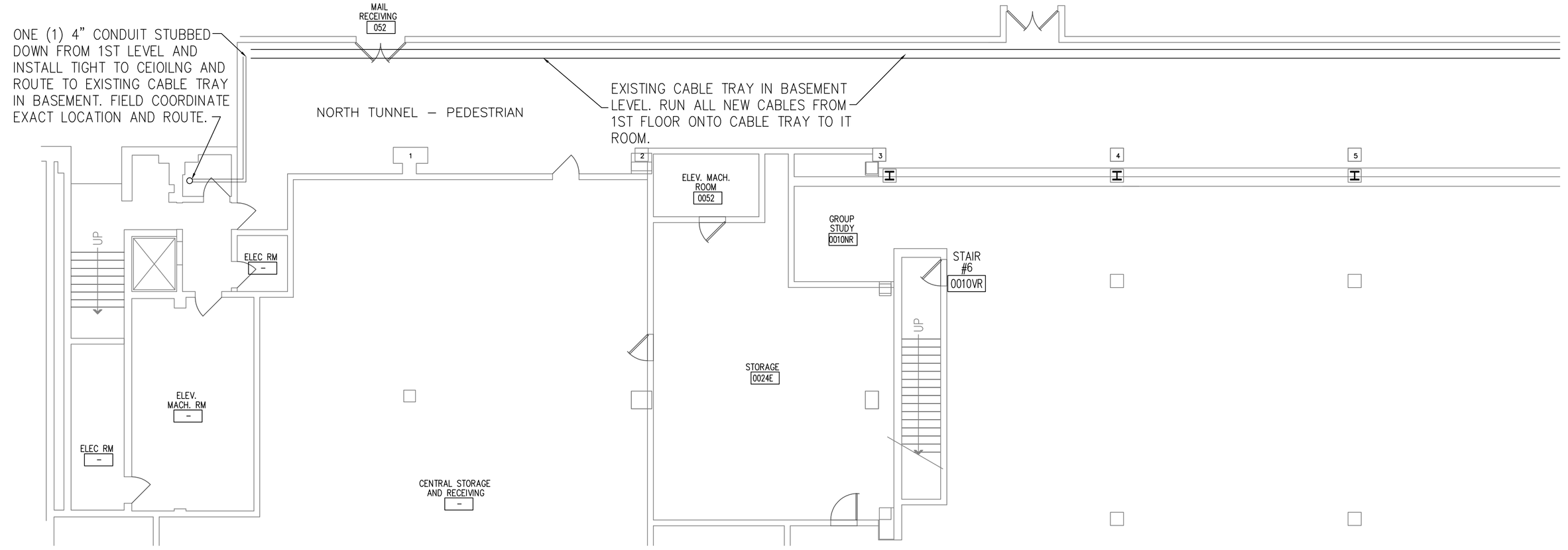
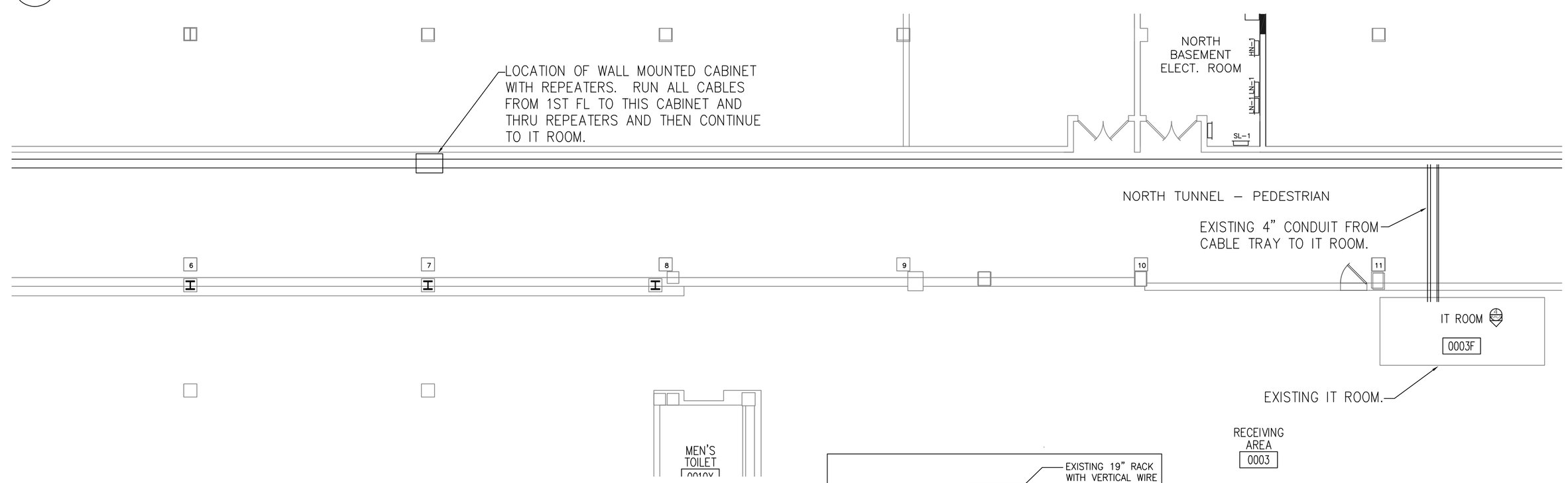


1 1ST FLOOR TECHNOLOGY CABLING PLAN



2 BASEMENT TECHNOLOGY CABLING PLAN - PART I



3 BASEMENT TECHNOLOGY CABLING PLAN - PART 2

SYMBOL LIST SUMMARY

△	DATA – WALL OUTLET TWO (2) CAT-6 CABLES FOR DATA – TERMINATED ON PATCH PANEL AT IT RACK IN EXISTING BASEMENT IT ROOM.
◭	DATA – WALL OUTLET THREE (3) CAT-6 CABLES FOR DATA – TERMINATED ON PATCH PANEL AT IT RACK IN EXISTING BASEMENT IT ROOM.
WAP	WIRELESS ACCESS POINT OUTLET TWO (2) CAT-6a CABLEs FOR DATA – TERMINATED ON PATCH PANEL AT IT RACK IN EXISNG IT CLOSET. LEAVE 10' SLACK AT OUTLET IN CEILING.

Conduit Requirements

All conduits to be installed by Contractor, unless otherwise specified, shall be Electrical Metallic Tubing.

Electrical Metallic Tubing

Electrical Metallic Tubing (EMT) must be ANSI C80.3 galvanized conduit.

EMT fittings and conduit bodies installed in interior spaces must be NEMA FB 1 steel setscrew type.

EMT fittings, conduit bodies, and junction boxes installed in exterior spaces must be weatherproof compression type.

Conduit system bushing and connectors must have nylon insulated throats.

CABLING INSTALLATION NOTES

1. CABLE CONTRACTOR SHALL RUN DESIGNATED CATEGORY-6 CABLES IN A STAR TOPOLOGY FROM EACH WORKSTATION VOICE/DATA OUTLET, BACK TO THE EXISTING BASMENET IT ROOM AS NOTED ON THE DRAWINGS.

2. ALL RUNNING OF CABLES TO THE EXISTING IT ROOM IS TO BE COORDINATED DIRECTLY WITH THE STAFF OF THE CTS DEPT.

3. IN THE BASEMENT LEVEL, CABLES ARE TO BE RUN ON THE EXISTING CABLE TRAY AND RUN TO A WALL MOUNT CABINET AND CONNECTED TO "REPEATERS' AND THEN RUN TO THE BASEMENT IT ROOM.

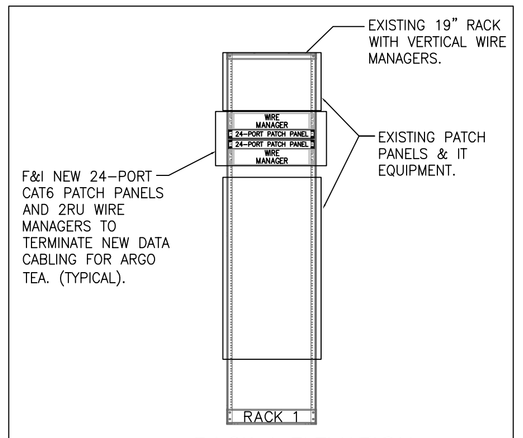
3. COORDINATE ALL CONDUIT PATHWAYS AND ROUTING WITH ELECTRICIAN AND GC.

4. CABLING CONTRACTOR SHALL BE RESPONSIBLE TO FIELD COORDINATE EXACT CONDUIT INSTALLATION AND CABLING ROUTE WITH GENERAL CONTRACTOR, AND ALL TRADES IN CEILING PRIOR TO INSTALLTION.

5. CABLING CONTRACTOR SHALL COORDINATE THE NEED FOR NEW PATHWAYS INTO THE EXSITNG IT CLOSET. CABLING CONTRACTOR SHALL FIELD INSPECT EXISTING IT CLOSET AND ENSURE CABLE PATHWAYS EXISTING OR SHALL PROVIDE NEW PATHWAYS AS NEEDED.

6. CABLE CONTRACTOR IS RESPONSIBLE TO COORDINATE FACEPLATE INSTALLATION WITH THE PAINTING SCHEDULE. ALL JACKS AND FACEPLATES SHALL BE COVERED AND PROTECTED AGAINST DUST AN PAINT DURING CONSTRUCTION.

7. CABLING CONTRACTOR SHALL ADHERE TO THE PURCHASE COLLEGE CTS CABLING STANDARDS. CONTRACTOR CAN CONTACT PROJECT CONTACT TO RECEIVE COPY OF CTS CABLING STANDARDS.



4 RACK 1 ELEVATION
NTS

NOTES:
1. TERMINATE NEW CABLES ONTO EXISTING PATCH PANELS, AS SHOWN ABOVE.

Revisions & Issues

No.	Description	Date

Do not scale drawings. Each Contractor shall be responsible for all field measurements.

Client / Project

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SECURITY SYSTEMS DESIGN | AUDIO-VISUAL SYSTEMS DESIGN
PROJECT MANAGEMENT | DESIGN BUILD

Seal

Issue Date: Apr. 12, 2016
Sheet No.: IT-02
Project No.: TSDG1619
Sheet Title: DATA CABLING LAYOUT

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