UPPER DANIELL HEIGHTS CABLE REPLACEMENT PROJECT

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING PRIOR TO ORDERING MATERIALS AND BEGIN CONSTRUCTION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK AS REQUIRED.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF HERSELF OF ALL CONDITIONS EXISTING PRIOR TO ORDERING MATERIALS AND BEGIN CONSTRUCTION.

4. THIS PROJECT WILL BE DONE IN 2 PARTS.

THE FIRST PART INVOLVES REPLACING THE EXISTING DSL CABLING AND ASSOCIATED PATCH PANEL IN THE EXISTING UPPER DH APARTMENTS AS INDICATED ON SHEET E101.

THE SECOND PART INVOLVES REPLACING THE EXISTING DSL CABLING AND ASSOCIATED PATCH PANEL IN THE EXISTING UPPER DH APARTMENTS AS INDICATED ON SHEET E102.

MICHIGAN TECHNOLOGICAL UNIVERSITY FACILITIES MANAGEMENT CONSTRUCTION PARKING GUIDELINES

1. COORDINATE WITH TRANSPORTATION SERVICES AND FACILITIES MANAGEMENT REGARDING PARKING THROUGHOUT THE PROJECT DURATION. CONTRACTOR SHALL REMAIN THE APPROVED PARKING AREA AND ADJUST/MOVE THE PARKING AREA IN ACCORDANCE WITH THE BUILDING CONSTRUCTION SCHEDULE AND APPROVED PLAN AS THE PROJECT PROGRESSES.

2. PARKING IN NON-DESIGNATED AREAS MAY RESULT IN A PARKING TICKET THAT THE CONTRACTOR OR INDIVIDUAL IS RESPONSIBLE FOR.

3. PARKING NEAR OR IN FRONT OF THE FACILITY BEING WORK ON IS TO BE LIMITED TO ESSENTIAL VEHICLES ONLY THAT HAVE THE CONTRACTOR'S MARK OR LOGO ON IT. KEEP ALL VEHICLES IN A PAVED LOCATION.

4. PARKING FOR CONTRACTOR'S JOB TRAILERS OR EQUIPMENT TRAILERS IS LIMITED. COORDINATE WITH MTU FAC. MGT.

5. THE CONSTRUCTION WORK WILL REMAIN IN THE DEFINED SPACE AROUND THE CONSTRUCTION PROJECT AS COORDINATED WITH MTU FACILITIES MANAGEMENT.
THE EXISTING DSL CABLING IN EACH OF THE UPPER DANIELL HEIGHTS APARTMENTS SHALL BE REPLACED WITH CAT6 COMESCOPE 620R TE620R-GYII FOR USE WITH DATA CONNECTIONS. THE CABLING TO RUN FROM THE EXISTING DATA LOCATION IN EACH APARTMENT THROUGH EXISTING CONDUIT TO THE MECH. VAULT IN EACH BUILDING.

CONTRACTOR WILL REPLACE THE WIRING DESCRIBED ABOVE WITH CAT6 COMESCOPE 620R, TERMINATE THE WIRING WITH A BLACK RJ-45 COMESCOPE 1375055-2, MOUNTED ON AN ALLENTEL AT55HM-10 BRACKET, AND TERMINATE ALL TERMINALS ON THE PATCH PANEL WITH BLACK RJ-45 JACKS. CONTRACTOR WILL PROVIDE THE CABLING INSTALLED MEETS CAT6 PUBLISHED SPECIFICATIONS. CONTRACTOR PROVIDES ALL MATERIAL AND LABOR. CONTRACTOR MUST DO END-TO-END TESTING OF ALL WIRES INSTALLED AND PROVIDE THEM TO MICHIGAN TECH TO PROVE THE CABLING INSTALLED MEETS CAT6 PUBLISHED SPECIFICATIONS.

THE LABELING SCHEDULE WILL BE AS FOLLOWS, WITH APTNUM STANDING IN FOR THE ACTUAL NUMBER OF THE APARTMENT BUILDING. USE THE ACTUAL APARTMENT NUMBER IN YOUR LABELLING INSTEAD OF APTNUM.

Apartment A - APTNUM-0001-BLK
Apartment B - APTNUM-0002-BLK
Apartment C - APTNUM-0003-BLK
Apartment D - APTNUM-0004-BLK
Apartment E - APTNUM-0005-BLK
Apartment F - APTNUM-0006-BLK
Apartment G - APTNUM-0007-BLK
Apartment H - APTNUM-0008-BLK

UPPER DANIELL HEIGHTS CABLING REPLACEMENT:

NEW CAT6 COMMSCOPE 620R-COMMSCOPE 620R WIRING SHALL BE PROVIDED IN EACH APARTMENT FROM LOCATIONS INDICATED TO THE ELECTRICAL VAULT OF EACH BUILDING.

CONTRACTOR WILL INSTALL CAT6 COMMSCOPE 620R TERMINATED AT A SINGLE WHITE JACk CRESCOPE 1375055-2 AND NO FACEPLATE IN THE CEILING WITH A SMALL HOLE LEFT IN PLACE FOR USE WITH WIRELESS AP INSTALLATION.

CONTRACTOR WILL INSTALL A 24-PORT RJ-45 PATCH PANEL CRESCOPE 1933307-1 MOUNTED ON AN ALLENTEL AT55HM-10 BRACKET IF AND ONLY IF THE PREVIOUS PANEL AND BRACKET WERE REMOVED DURING THE RENOVATION PROCESS.

CONTRACTOR WILL TERMINATE ALL WIRES FROM THE LIVING AREAS ON THE PATCH PANEL WITH BLACK AND WHITE RJ-45 JACKS (CRESCOPE 1375055-2). JACKS WILL BE TERMINATED IN ASCENDING NUMERICAL ORDER FROM LEFT TO RIGHT. WHITE JACKS WILL BE ON THE LEFT; BLACK JACKS WILL BE ON THE RIGHT.

CONTRACTOR WILL TERMINATE ALL WIRELESS AP WIRING WITH WHITE RJ-45 JACk CRESCOPE 1375055-2 TO THE RIGHT OF ALL LIVING AREAS.

ALL WIRING WILL BE TERMINATED TO THE TIA 568-B STANDARD. CONTRACTOR PROVIDES ALL MATERIALS AND LABOR. CONTRACTOR MUST DO END-TO-END TESTING OF ALL WIRES INSTALLED AND PROVIDE THEM TO MICHIGAN TECH TO PROVE THE CABLING INSTALLED MEETS CAT6 PUBLISHED SPECIFICATIONS.

THE LABELLING SCHEDULE FOR THE LIVING AREAS WILL BE AS FOLLOWS, WITH APARTNUM STANDING IN FOR THE ACTUAL NUMBER OF THE APARTMENT BUILDING. USE THE ACTUAL APARTMENT NUMBER IN YOUR LABELLING INSTEAD OF APARTNUM:

- APARTMENT A - APARTNUM-0001-WHT/BLK
- APARTMENT B - APARTNUM-0002-WHT/BLK
- APARTMENT C - APARTNUM-0003-WHT/BLK
- APARTMENT D - APARTNUM-0004-WHT/BLK
- APARTMENT E - APARTNUM-0005-WHT/BLK
- APARTMENT F - APARTNUM-0006-WHT/BLK
- APARTMENT G - APARTNUM-0007-WHT/BLK
- APARTMENT H - APARTNUM-0008-WHT/BLK

THE LABELLING SCHEDULE FOR THE WIRELESS AP JACK AREAS WILL BE AS FOLLOWS, WITH APARTNUM STANDING IN FOR THE ACTUAL NUMBER OF THE APARTMENT BUILDING. USE THE ACTUAL APARTMENT NUMBER IN YOUR LABELLING INSTEAD OF APARTNUM:

- DESIGN A, B:
  - APARTMENT E - APARTNUM-0010-WHT/BLK
  - APARTMENT F - APARTNUM-0011-WHT/BLK
  - APARTMENT G - APARTNUM-0012-WHT/BLK
  - APARTMENT H - APARTNUM-0013-WHT/BLK

- DESIGN C:
  - APARTMENT E - APARTNUM-0010-WHT
  - APARTMENT B (UPPER FLOOR) - APARTNUM-0011-WHT
  - APARTMENT C (UPPER FLOOR) - APARTNUM-0012-WHT
  - APARTMENT H - APARTNUM-0013-WHT

REMOVE EXISTING COMMUNICATION PANELS & ALL ASSOCIATED WIRING.

PROVIDE NEW 4 x 4 x 3/4" FIRE RATED PLYWOOD BACKBOARD.

PROVIDE NEW OUTLET WITH 20 AMP CIRCUIT FED FROM INCUMBER PANEL.