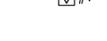


**GENERAL NEW WORK NOTES:**

- UNLESS OTHERWISE SPECIFICALLY NOTED/INDICATED, ALL CABLING/WIRING SHALL BE INSTALLED CONCEALED WHERE POSSIBLE IN WALL OR ABOVE CEILINGS.
- IN THE EVENT THAT CABLING CANNOT BE INSTALLED CONCEALED IN WALLS, THE USE OF SURFACE MOUNTED RACEWAY SHALL BE PERMITTED. ROUTING OF SURFACE MOUNTED RACEWAY SHALL BE KEPT TO A MINIMUM. ROUTING SHALL BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION. COLOR OF SURFACE MOUNTED RACEWAY AND FITTINGS TO BE SELECTED BY ARCHITECT/OWNER. SURFACE MOUNTED RACEWAYS AND FITTING SHALL BE WIREMOLD 3000 SERIES OR EQUAL.
- UNLESS SPECIFICALLY NOTED/INDICATED, MINIMUM CONDUIT SIZE FOR ROUTING OF COMMUNICATION CABLING/WIRING SHALL BE 1 1/4". UNLESS OTHERWISE INDICATED, INTERIOR CONDUIT ABOVE SLAB SHALL BE EMT WITH COMPRESSION FITTINGS. CONDUITS NOT TERMINATING IN/AT AN ENCLOSURE SHALL BE TERMINATED USING END BUSHINGS. INSTALL PULL BOXES IN CONDUIT RUNS WHERE BENDS WILL EXCEED 180 DEGREES. CONDUITS AND FITTING IN OR UNDER SLAB SHALL BE SCHEDULE 40 PVC.
- ALL COMMUNICATION SYSTEM CABLES SHALL HAVE PLENUM RATED JACKETS.
- ALL DATA COMMUNICATION SYSTEM CABLES SHALL BE 4 PAIR CAT 6A UTP TYPE AND SHALL HAVE BLUE PLENUM RATED JACKETS.
- ALL VOICE COMMUNICATION SYSTEM CABLES SHALL BE 4 PAIR CAT 6A UTP TYPE AND SHALL HAVE WHITE PLENUM RATED JACKETS.
- MAXIMUM LENGTH OF ALL CAT 6A CABLES BETWEEN TERMINATION POINTS SHALL NOT EXCEED 90 METERS (295').
- COLORS OF CAT 6A DATA COMMUNICATION JACKS TO MATCH EXISTING.
- COLORS OF CAT 6A VOICE COMMUNICATION JACKS TO MATCH EXISTING.
- FACE PLATES SHALL BE WHITE THERMOPLASTIC WITH CLEAR IDENTIFICATION LABELS ON BOTH TOP AND BOTTOM. ALL FACEPLATE ARE TO HAVE A MINIMUM OF 6 PORTS. UN-USED PORT SHALL HAVE BLANK WHITE FILLER INSERTS.
- AS APPLICABLE, FIREPROOF CAULK ALL SLEEVES, CONDUIT AND CABLE PENETRATIONS THROUGH FIRE RATED WALLS.
- UNLESS OTHERWISE NOTED/INDICATED, ALL CAT 6A UTP CABLES SHALL BE SUPPORTED ABOVE CEILINGS USING J-HOOKS AT A MAXIMUM SPACING OF 4' ON CENTER. CABLES TO BE A MINIMUM OF 6" ABOVE CEILING.
- FINAL MOUNTING LOCATIONS OF ALL COMMUNICATIONS DEVICES/OUTLETS SHALL BE COORDINATED WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
- ITEMS SHOWN AND NOT SPECIFICALLY CALLED FOR, OR ITEMS SPECIFIED AND NOT SPECIFICALLY INDICATED OR DETAILED ON THE DRAWINGS, OR ITEMS NEITHER SPECIFIED NOR SHOWN, BUT WHICH ARE REASONABLY INCIDENTAL TO AND ARE COMMONLY REQUIRED TO MAKE A COMPLETE JOB, SHALL BE PROVIDED.
- UNLESS OTHERWISE NOTED, DATA COMMUNICATIONS UTP PATCH CABLES AND VOICE COMMUNICATIONS CROSS-CONNECT CABLING ARE TO BE PROVIDED AND INSTALLED BY OWNER/OWNER'S SYSTEM VENDOR/SERVICE PROVIDER.
- WIRELESS ACCESS POINT TRANSCIEVERS ARE TO PROVIDED/PROGRAMMED BY OWNER FOR INSTALLATION BY CONTRACTOR.
- ALL WORK SHALL CONFORM TO APPLICABLE STANDARDS, BUILDING CODES AND LAWS.
- FLOOR BOXES SHALL BE LEGRAND RESOURCE RFB SERIES WITH FLOORPORT SERIES SERVICE FITTINGS OR EQUAL. FINISH OF SERVICE FITTING TO BE SELECTED BY ARCHITECT.

**LEGEND**

-  DENOTES REFERENCE TO DRAWING NOTE.
-  CABLE HOME-RUN ABOVE CEILINGS.
-  RACEWAY HOME-RUN IN OR BELOW SLAB.
-  WALL MOUNTED COMMUNICATIONS OUTLET WITH MODULAR JACK(S) AND 6 PORT FACEPLATE. MOUNT AT 18" AFF UNLESS OTHERWISE NOTED/INDICATED. #D INDICATES THE NUMBER OF RJ-45 CAT 6A DATA COMMUNICATION SYSTEM JACKS. #V INDICATES THE NUMBER OF RJ-11 CAT 3 VOICE COMMUNICATION SYSTEM JACKS. EMPTY PORTS TO BE FILLED WITH BLANK INSERTS.
-  COMMUNICATIONS OUTLET WITH MODULAR JACK(S) AND 6 PORT FACEPLATE WITHIN FLUSH FLOOR MOUNTED BOX. #D INDICATES THE NUMBER OF RJ-45 CAT 6A DATA COMMUNICATION SYSTEM JACKS. #V INDICATES THE NUMBER OF RJ-11 CAT 3 VOICE COMMUNICATION SYSTEM JACKS. EMPTY PORTS TO BE FILLED WITH BLANK INSERTS.
-  PLENUM RATED SURFACE MOUNTED "BISCUIT" OUTLET ABOVE CEILING WITH RJ-45, CAT 6A JACK(S). #D INDICATES THE NUMBER DATA COMMUNICATION SYSTEM JACKS.
-  EXISTING FLUSH FLOOR MOUNTED BOX WITH EXISTING COMMUNICATIONS JACK(S), FACEPLATE AND CABLING. #D INDICATES THE NUMBER OF DATA COMMUNICATION SYSTEM JACKS. #V INDICATES THE NUMBER OF VOICE COMMUNICATION SYSTEM JACKS.
-  EXISTING WALL MOUNTED COMMUNICATIONS OUTLET WITH EXISTING COMMUNICATIONS JACK(S), FACEPLATE AND CABLING. #D INDICATES THE NUMBER OF DATA COMMUNICATION SYSTEM JACKS. #V INDICATES THE NUMBER OF VOICE COMMUNICATION SYSTEM JACKS.
-  EXISTING WIRELESS ACCESS POINT TRANSCIEVER AND ASSOCIATED PATCH CABLE TO BE REMOVED BY CONTRACTOR AND TURNED OVER TO OWNER.

**ABBREVIATIONS**

- AFF ABOVE FINISHED FLOOR
- AP WIRELESS ACCESS POINT
- CAT CATEGORY
- EMT ELECTRICAL METALLIC TUBING
- ETC ET CETERA
- # NUMBER
- PVC POLYVINYL CHLORIDE

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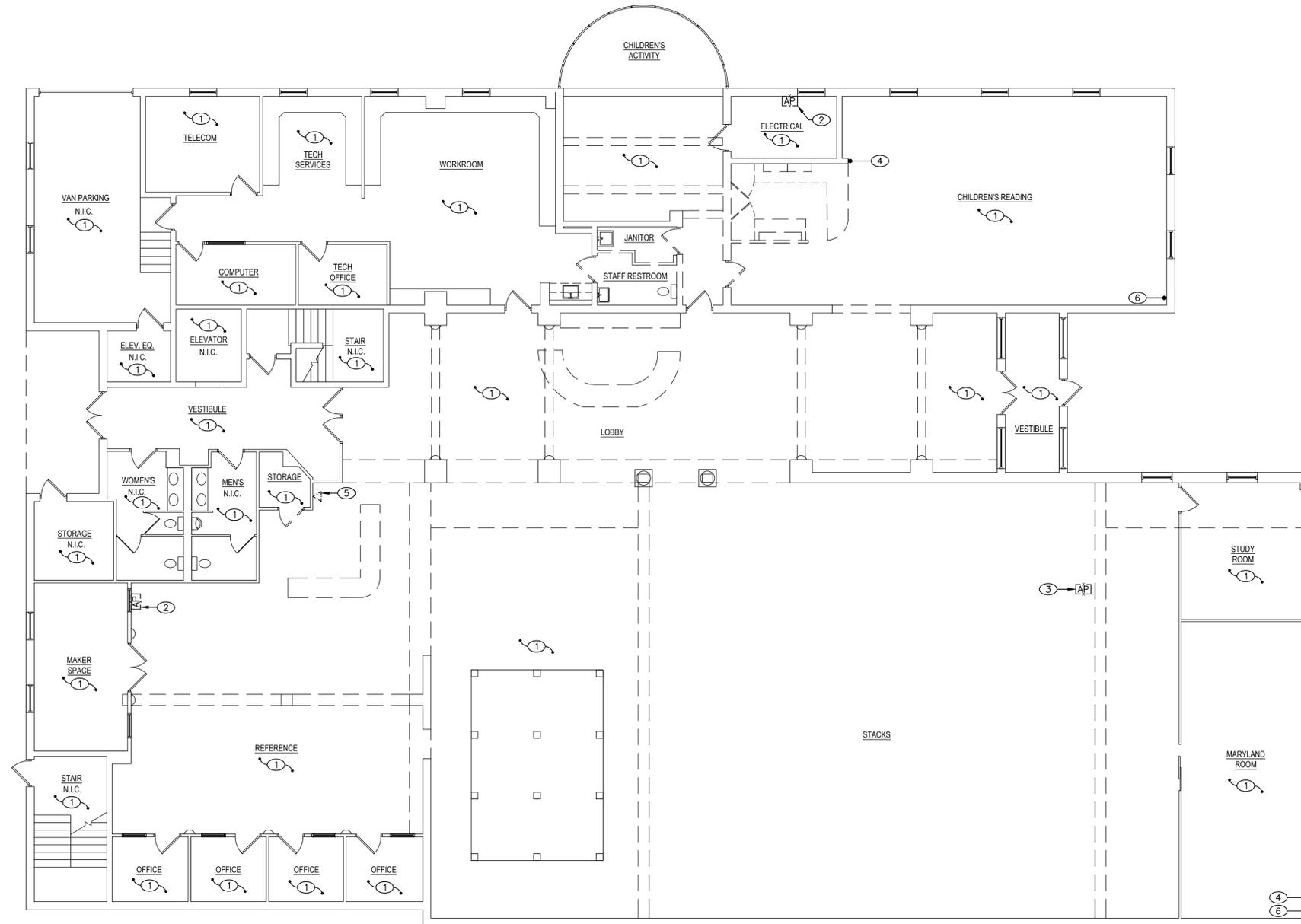
**LEGEND,  
ABBREVIATIONS LIST  
AND NOTES**

SHEET NO. \_\_\_ OF \_\_\_

**T001**

**DRAWING NOTES (APPLY TO DRAWING TD101):**

- ① UNLESS OTHERWISE NOTED/INDICATED, EXISTING DATA, VOICE AND VIDEO COMMUNICATION SYSTEMS EQUIPMENT, DEVICES, WIRING ETC. WITHIN THIS ROOM/AREA/SPACE SHALL REMAIN AND BE KEPT OPERATIONAL.
- ② WALL MOUNTED WIRELESS ACCESS POINT TRANSCEIVER, TOGETHER WITH ASSOCIATED PATCH CABLE, TO BE REMOVED AND TURNED OVER TO OWNER.
- ③ BOOK STACK MOUNTED WIRELESS ACCESS POINT TRANSCEIVER, TOGETHER WITH ASSOCIATED PATCH CABLE, TO BE REMOVED AND TURNED OVER TO OWNER.
- ④ WALL MOUNTED IP TYPE SURVEILLANCE CAMERA, TOGETHER WITH ASSOCIATED PATCH CABLE, TO BE REMOVED AND TURNED OVER TO OWNER.
- ⑤ DATA COMMUNICATIONS OUTLET, RX FACE PLACE PLATE, JACKS AND CABLING BACK TO TELECOM ROOM. PROVIDE BLANK STAINLESS STEEL COVER PLATE ON OUTLET BOX.
- ⑥ WALL MOUNTED INTRUSION DETECTION SYSTEM MOTION SENSOR, TOGETHER WITH ASSOCIATED WIRING, TO BE RELOCATED BY OWNER/OWNER'S SYSTEM VENDOR.



**FIRST FLOOR DEMOLITION PLAN – TELECOMMUNICATIONS**  
SCALE: 1/8"=1'-0"



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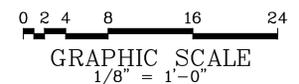
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**FIRST FLOOR  
DEMOLITION PLAN -  
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**TD101**



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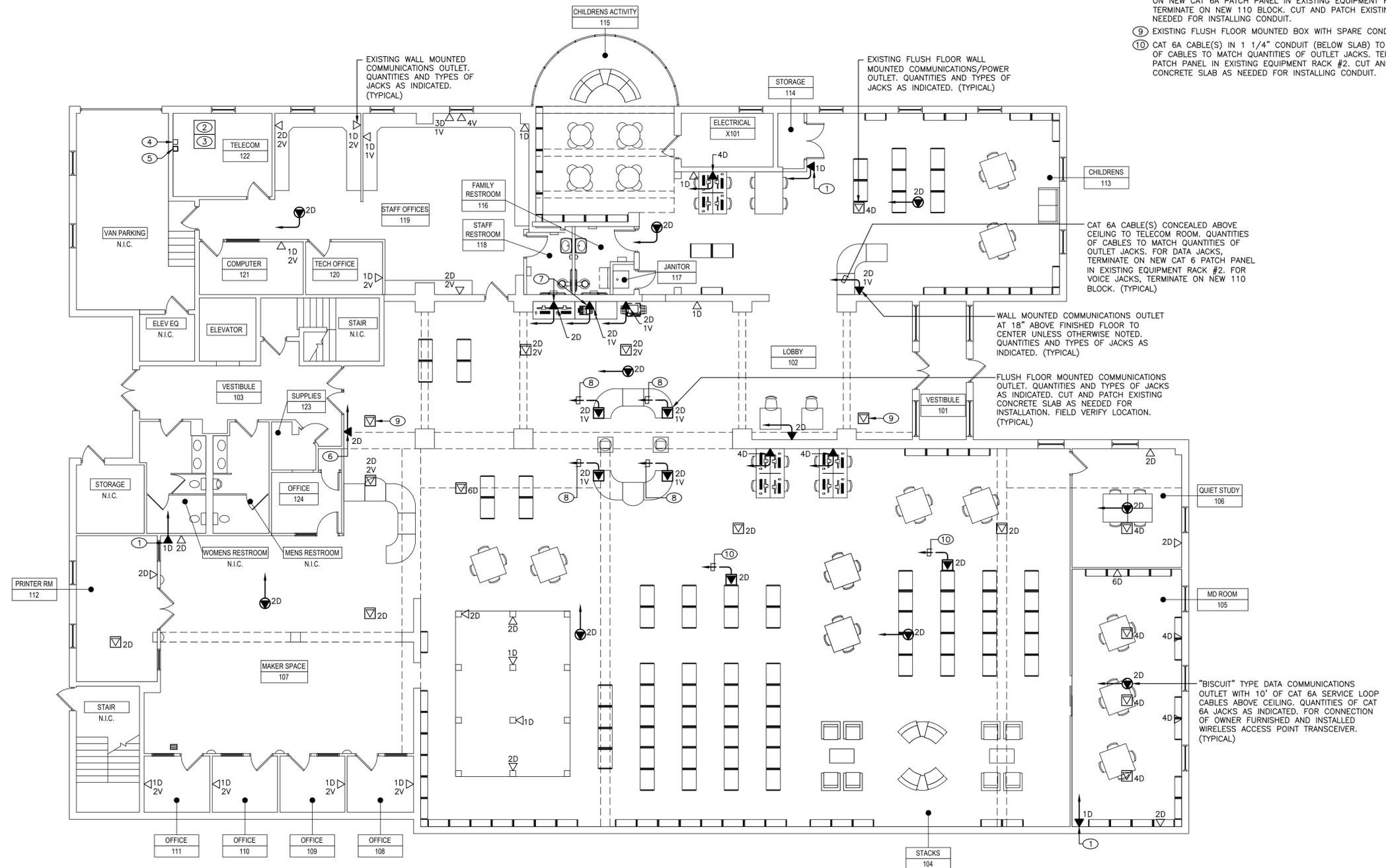
FIRST FLOOR NEW  
WORK PLAN -  
TELECOMMUNICATIONS

SHEET NO. \_\_\_ OF \_\_\_

**T101**

**DRAWING NOTES (APPLY TO DRAWING T101):**

- ① AT 6" BELOW CEILING TO CENTER FOR CONNECTION ON VIDEO SURVEILLANCE CAMERA BY OWNER/OWNER'S SYSTEM VENDOR.
- ② EXISTING DATA COMMUNICATIONS SYSTEM FREESTANDING EQUIPMENT RACK #1.
- ③ EXISTING DATA COMMUNICATIONS SYSTEM FREESTANDING EQUIPMENT RACK #2. WITHIN SPACES OF EQUIPMENT RACK, PROVIDE TWO (2) 48 PORT CAT 6A PATCH PANELS.
- ④ EXISTING VOICE COMMUNICATIONS SYSTEM 110 TERMINAL BLOCK.
- ⑤ NEW WALL MOUNTED 50 PAIR 110 TERMINAL BLOCK.
- ⑥ FOR CONNECTION OF EXISTING WALL MOUNTED MONITOR. FIELD COORDINATE LOCATION SO THAT NEW DATA COMMUNICATIONS OUTLET IS CONCEALED BEHIND MONITOR.
- ⑦ 8" ABOVE COUNTERTOP TO BOTTOM.
- ⑧ CAT 6A CABLE(S) IN 1 1/4" CONDUIT (BELOW SLAB) TO TELECOM ROOM. QUANTITIES OF CABLES TO MATCH QUANTITIES OF OUTLET JACKS. FOR DATA JACKS, TERMINATE ON NEW CAT 6A PATCH PANEL IN EXISTING EQUIPMENT RACK #2. FOR VOICE JACKS, TERMINATE ON NEW 110 BLOCK. CUT AND PATCH EXISTING CONCRETE SLAB AS NEEDED FOR INSTALLING CONDUIT.
- ⑨ EXISTING FLUSH FLOOR MOUNTED BOX WITH SPARE CONDUIT.
- ⑩ CAT 6A CABLE(S) IN 1 1/4" CONDUIT (BELOW SLAB) TO TELECOM ROOM. QUANTITIES OF CABLES TO MATCH QUANTITIES OF OUTLET JACKS. TERMINATE ON NEW CAT 6A PATCH PANEL IN EXISTING EQUIPMENT RACK #2. CUT AND PATCH EXISTING CONCRETE SLAB AS NEEDED FOR INSTALLING CONDUIT.



**FIRST FLOOR NEW WORK PLAN – TELECOMMUNICATIONS**  
SCALE: 1/8"=1'-0"

