GENERAL SECURITY NOTES:
1. PROVIDE CORNER MOUNTED MOTION SENSOR WHENEVER POSSIBLE.
2. CONTACT OWNER TO COORDINATE FINAL SECURITY ZONES WITH THEIR PROGRAM AND INSTRUCTIONS.
3. COORDINATE FINAL LOCATIONS OF MAGNETIC DOOR HOLDERS AND OTHER HARDWARE DEVICES WITH HARDWARE SUPPLIER PRIOR TO ROUGHING.
4. SECURITY PANIC SWITCH. DOOR SHALL REMAIN SECURED UPON ACTIVATION OF PANIC STATION. SECURITY PERSONNEL SHALL BE NOTIFIED.
5. INTERFACE HANDICAP DOOR CONTROLLER WITH RESPECTIVE ACCESS CONTROL HARDWARE AT EACH DOOR WITH EITHER POWER ASSIST OR HANDICAP PUSH PLATE.
CONTROL HARDWARE AT EACH DOOR WITH EITHER POWER ASSIST OR FE-R.

Parts Storage

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GENERAL TECHNOLOGY NOTES:
1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS WILL BE AS SHOWN ON ELECTRICAL DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH ELECTRICAL SUBCONTRACTOR.
2. KEEP COMMUNICATIONS CABLING AT LEAST 12" AWAY FROM POWER WIRING.
3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

10' A.F.F. (TYP. IN TOWN SQUARE)

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370 Faunce Corner Road, Dartmouth, MA
CONSULTING ENGINEERS INC.
GARCIA GALUSKA DESOUSA
508 - 998 - 5700 FAX 508 - 998 - 0883 E-MAIL info@g-g-d.com 02747 - 1271

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100% CONFORMED SET - FOR CONSTRUCTION 9/12/16

GROUND FLOOR PLAN PART F - TECHNOLOGY
GENERAL TECHNOLOGY NOTES:
1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS WILL BE AS SHOWN ON ELECTRICAL DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH ELECTRICAL SUBCONTRACTOR.
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1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE.

2. KEEP COMMUNICATIONS CABLING AT LEAST 12" AWAY FROM POWER WIRING.

3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER ELECTRICAL SUBCONTRACTOR.

4. OUTLET SHALL BE OFFSET 1' 6" RIGHT FROM CENTER OF WHITEBOARD.

5. PURPOSES EXACT LOCATIONS WILL BE AS SHOWN ON ELECTRICAL DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH TRUE NORTH SCALE: 1/8" = 1'-0"
GENERAL TECHNOLOGY NOTES:

DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

SCALE: 1/8" = 1'-0"

DATE REMARKS BY CONSULTING ENGINEERS INC.

TVE 100% CONFORMED SET FOR CONSTRUCTION 9/12/16

Wood Work Lab
GENERAL TECHNOLOGY NOTES:

1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE.

2. KEEP COMMUNICATIONS CABLING AT LEAST 12" AWAY FROM POWER WIRING.

3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

4. Purpose. Exact locations will be as shown on electrical drawings. Coordinate installation of all cabling with Wiring.

5. Blue Beacon to activate on initiation of paging system (typ.)

6. Earth Science

7. Welding Lab

8. Girls 1343 SF

9. Auto Tech CR

10. Auto Collision CR

11. Photography

12. Copy Center

13. Photography

14. Art Stor 239 SF
GENERAL TECHNOLOGY NOTES:

1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH FE-R WIRING.

3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

PRIOR TO ROUGH-IN.
GENERAL TECHNOLOGY NOTES:
1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS WILL BE AS SHOWN ON ELECTRICAL DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH ELECTRICAL SUBCONTRACTOR.
2. KEEP COMMUNICATIONS CABLING AT LEAST 12" AWAY FROM POWER WIRING.
3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

KEYPLAN ABCDEF
TRUE NORTH
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REVISIONS NO.
DRAWING NUMBER JOB NUMBER
SCALE: 1/8" = 1'-0"

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100% CONFORMED SET - FOR CONSTRUCTION9/12/16
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SECOND FLOOR PLAN PART A - TECHNOLOGY
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T1.2A 1SECOND FLOOR PLAN PART A - TECHNOLOGY
GENERAL TECHNOLOGY NOTES:

1. COMMUNICATIONS OUTLETS ARE SHOWN FOR REFERENCE PURPOSES. EXACT LOCATIONS WILL BE AS SHOWN ON ELECTRICAL DRAWINGS. COORDINATE INSTALLATION OF ALL CABLING WITH ELECTRICAL SUBCONTRACTOR.

2. KEEP COMMUNICATIONS CABLING AT LEAST 12" AWAY FROM POWER WIRING.

3. ALL CONDUITS AND JUNCTION BOXES TO BE PROVIDED UNDER DIVISION 260000. CONDUITS SHOWN ARE FOR REFERENCE ONLY.

Dover, NH 9/9/2016

T1.2C Dover HS / CTC SECOND FLOOR PLAN PART C - TECHNOLOGY
1. Communications outlets are shown for reference.
2. Drawings. Coordinate installation of all cabling with wiring.
3. All conduits and junction boxes to be provided under Division 260000. Conduits shown are for reference only.

Second Floor Plan Part D - Technology

Teacher Planning

Plan North

Drawing Number: Job Number

100% Conformed Set - For Construction 9/12/16

Garcia Galuska Desouza

Copyright HMFH Architects, Inc.
### Electrical Notes

1. **All conduits to be Schedule 40, black, steel, all cables to be CMR, black, steel, all cabling to be 18/4 black, steel.**
2. **Connect all PSEs and BCPs to a common bus in order to be interconnected to the main electrical service panel.**
3. **Locate all conduits and conductors to be in accordance with NEC and code requirements.**
4. **Run all conduits in accordance with NEC and code requirements.**
5. **Connect each input to a separate power system ground.**
6. **Do not reconnect conduit branches.**
7. **List all electrical components and equipment.**
8. **Provide all conduit runs with conduit labels.**
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ELECTRICAL NOTES

1. ALL CONDUIT TO BE PREMIUM METAL (i.e., STEEL) ALL CONDUIT IN PLUMBING SPACES TO BE RIGID STEEL.
2. GROUP A PLUMBING CONDUIT TO BE BURIED IN CONCRETE SLABS OR BELOW GRADE.
3. ALL CONDUIT TO BE home PLUMBING SERVICES UNLESS OTHERWISE SPECIFIED.
4. PROVIDE ALL STANDARD MURAL BOXES FOR THE INSTALLATION OF HOME CIRCUITS TO be CONNECTED TO CORRESPONDING ELECTRICAL PANEL BOXES.
1. ALL CIRCUITS HOME-RUN TO PANELS FOR TERMINATION.
2. NO COMMON NEUTRALS PERMITTED. EACH CIRCUIT MUST HAVE DEDICATED NEUTRAL.
3. ALL EXPOSED SURFACES ON ON-STAGE DEVICES FINISHED MATTE BLACK UNLESS OTHERWISE NOTED.
4. PROVIDED BRACKETS AND HARDWARE FOR MOUNTING CONTROL AND DISTRIBUTION DEVICES AS REQUIRED.
5. ALL LOW-VOLTAGE CONTROL WIRING INSTALLED IN METAL CONDUIT.
6. FINAL CONTROL WIRING TYPES TO BE CONFIRMED BY LIGHTING SYSTEM MANUFACTURER.

DEVICE TYPE

A = Arch. Ctrl.
B = Network
C = DMX

WIRE TYPE(S)

(1) BELDEN 1583A
(1) BELDEN 8471
(1) BELDEN 9729
(1) BELDEN 1589A
(1) #14 AWG. STRANDED WIRE
(2) #16 AWG
(1) #18 AWG
(2) #20 AWG

DISTRIBUTION DEVICES

- TOUCH PANEL LIGHTING CONTROL.
- RACK MOUNTED.
- ENTRY STATION.
- MOUNT AT PROJECT SWITCH HEIGHT UNLESS OTHERWISE NOTED.
- PLUG-IN BOX WITH RECEPTACLES
- PLUG-IN STRIP WITH PIGTAILS
- ETHERNET SWITCH AND PATCHBAY RACK MOUNTED
- FADER PANEL. MOUNT AT SWITCH HEIGHT UNLESS OTHERWISE NOTED.
- CONSOLE CONNECTION PANEL. MOUNT AT PROJECT RECEPTACLE HEIGHT.
- DUAL ETHERNET TAP MOUNT AT RECEPTACLE HEIGHT UNLESS OTHERWISE NOTED.

5-20 20A 120VAC DUPLEX RECEPTACLE INTEGRATED WITH CONTROL DEVICE

PLUG-IN BOX WITH PIGTAILS FOR POWER CONTROL

COMPANY SWITCH AMPERAGE INDICATED

ARCHITECTURAL LIGHTING PROCESSOR RACK MOUNTED

- CONTROL CONSOLE AND MONITORS
- PORTABLE THEATRICAL LIGHTING FIXTURE
- THEATRICAL LIGHTING CONNECTOR STRIP MOUNTED TO VERTICAL SUPPORT WITH BRACKET
- ET2 DEVICE MOUNTED ABOVE CONNECTOR STRIP ON VERTICAL SUPPORT
- AUDIOVISUAL DEVICE MOUNTED TO VERTICAL SUPPORT ON STAGE SIDE OF CATWALK
- FIXTURE STORAGE LOCATION
- THEATRICAL LIGHTING DEVICE PLAN - AUDITORIUM - SECOND FLOOR
- DETAIL SECTION - BOOTH PIPE
- PORTABLE THEATRICAL LIGHTING FIXTURE
- AUDIOSPEAKER DEVICE MOUNTED TO VERTICAL SUPPORT ON DOWN SIDE OF CATWALK
- THEATRICAL LIGHTING FIXTURE ZONE CLEAR OF ALL OBSTRUCTIONS NO OTHER SERVICES OR SUPPORTS TO GO IN THIS ZONE.

2.5' x 20' 120VAC DUPLEX RECEPTACLE MOUNTED WITH CONTROL DEVICE

THREE-PORT ETHERNET NODE.

NOTES

- DEVICE KEY
- CONTROL DEVICES
- DISTRIBUTION DEVICES
- DEVICE NUMBER
- DEVICE TYPE

SPECS

- RISER DIAGRAM WIRING KEY
- DEVICE TYPE
- DEVICE NUMBER
- WIRE TYPE(S)
- ARCH. CTRL. SIGNAL

- TYPE
- A
- WIRE TYPE(S)
- B
- NETWORK
- C
- DMX

- 1. BELDEN 1583A
- 2. #14 AWG. STRANDED WIRE
- 3. #16 AWG
- 4. #18 AWG
- 5. #20 AWG

- 1. BELDEN 8471
- 2. #14 AWG. STRANDED WIRE
- 3. #16 AWG
- 4. #18 AWG
- 5. #20 AWG

- 1. BELDEN 9729
- 2. #14 AWG. STRANDED WIRE
- 3. #16 AWG
- 4. #18 AWG
- 5. #20 AWG
NOTE: THEATRICAL RIGGING CONTRACTOR TO PROVIDE CONNECTOR STRIPS, CABLE MANAGEMENT, CABLE AND ALL ACCESSORIES ASSOCIATED WITH ELECTRIC BATTENS. REFER TO THEATRICAL LIGHTING DRAWINGS AND SPECIFICATIONS FOR CONNECTION STRIP SPECIFICATION.

PROVIDE UNIT PRICING PER SPECIFICATIONS FOR ALTERNATES.