



- DEMOLITION GENERAL NOTES**
- A. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR.
 - B. FIELD VERIFY EXACT EXISTING CONDITIONS PRIOR TO ANY DEMOLITION WORK. REPORT ANY DISCREPANCIES TO THE ENGINEER.
 - C. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES SHOWN DASHED UNLESS OTHERWISE INDICATED. REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO PANEL OR LAST REMAINING DEVICE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL ITEMS REMOVED UNLESS OTHERWISE DIRECTED ON PLANS OR SPECIFICATIONS.
 - D. MAINTAIN CONTINUITY OF ANY REMAINING DEVICES DOWN STREAM OF DEMOLITION AREA. PROVIDE CONDUIT AND WIRE AND EXTEND EXISTING CIRCUITS AS REQUIRED.
 - E. ELECTRICAL CONTRACTOR SHALL VERIFY THAT ANY ELECTRICAL CONDUIT IN THE CONSTRUCTION AREA THAT REMAINS IS PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE (NEC). IF CONDUIT IS NOT PROPERLY SUPPORTED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS TO PROVIDE A CONDUIT INSTALLATION THAT MEETS THE REQUIREMENTS OF THE NEC.
 - F. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO DISCONNECT, REMOVE, AND RELOCATE ANY BRANCH CIRCUIT CONDUITS THAT ARE IN CONFLICT WITH NEW CONSTRUCTION WORK. THE CONTINUITY OF ANY PART OF THE CIRCUIT THAT IS TO REMAIN SHALL BE MAINTAINED. FIELD COORDINATE EXACT EXISTING CONDITIONS.
 - G. ALL EXISTING SERVICE FEEDERS IN EXISTING AREAS SHALL REMAIN AS IS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENSURE THAT NO FEEDERS SHALL OBSTRUCT ANY NEW DUCTWORK, WALLS, CEILINGS, OR STRUCTURES. ELECTRICAL CONTRACTOR SHALL RELOCATE/RE-ROUTE FEEDERS AS REQUIRED TO MAKE ROOM FOR ANY NEW CONSTRUCTION.
 - H. UNLESS INDICATED OTHERWISE, DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES ON WALLS THAT ARE BEING DEMOLISHED. REMOVE ALL BRANCH WIRING AND ACCESSIBLE CONDUIT BACK TO PANEL OR LAST REMAINING DEVICE. REFER TO THE ARCHITECTURAL PLANS FOR WALLS THAT ARE BEING DEMOLISHED.
 - I. THE ELECTRICAL CONTRACTOR SHALL STRIP ALL BALLASTS FROM LIGHT FIXTURES THAT ARE BEING DEMOLISHED, AND DISPOSE OF THE BALLASTS APPROPRIATELY.

- DEMOLITION GENERAL NOTES**
- J. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO DISCONNECT AND REMOVE ALL POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT THAT ARE BEING DEMOLISHED. COORDINATE WITH MECHANICAL CONTRACTOR AND RELOCATE EXISTING CONDUITS AS REQUIRED TO MAKE ROOM FOR DUCTWORK.
 - K. FURNISH AND INSTALL STAINLESS STEEL BLANK COVER PLATES OVER ALL EXPOSED UNUSED OPENINGS.
 - L. ELECTRICAL CONTRACTOR SHALL MARK ALL NON-PENIUM RATED CABLES IN CEILINGS AS SOON AS CEILING IS REMOVED. CABLES SHALL BE REMOVED BY OWNER.
 - M. ONCE CEILING IS REMOVED, ELECTRICAL CONTRACTOR SHALL SUPPORT, FROM STRUCTURE, ANY REMAINING DATA SECURITY OR FIRE ALARM CABLES NOT PROPERLY SUPPORTED.
 - N. SWITCHBOARDS AND PANELBOARDS ARE SHOWN FOR REFERENCE ONLY AND ARE TO REMAIN AS IS.
 - O. WHERE EXISTING SURFACE RACEWAY IS REMOVED, THE GENERAL CONTRACTOR SHALL PATCH WALL.
 - P. UNLESS OTHERWISE NOTED, ALL REMOVED DEVICES SHALL BE DISPOSED OF.
 - Q. THE EXISTING TELEVISION RF ANTENNA DISTRIBUTION SYSTEM IS NO LONGER USED. THE ENTIRE SYSTEM SHALL BE REMOVED IN THE AREA OF CONSTRUCTION ONLY. THIS INCLUDES CABLE SPLITTERS, ETC. THE OWNER WILL REMOVE THE VIDEO PROJECTOR MULTIMEDIA DEVICE AND ASSOCIATED LOW VOLTAGE WIRING. ELECTRICAL CONTRACTOR SHALL REMOVE THE PROJECTOR PLATE WITH THE ELECTRICAL OUTLET INTACT FROM THE GRID AND SUPPORT TO THE STRUCTURE OF THE BUILDING. REINSTALL THE PROJECTOR MOUNT IN THE SAME LOCATION AFTER THE NEW CEILING GRID HAS BEEN INSTALLED.
 - R. ELECTRICAL CONTRACTOR SHALL PROVIDE AN ALLOWANCE OF 40 HOURS OF LABOR FOR PROPER SUPPORT AND RELOCATE EXISTING COMMUNICATIONS CABLES AS REQUIRED FOR NEW MECHANICAL EQUIPMENT BEING INSTALLED IN THE CEILING SPACE. THE ALLOWANCE SHALL ALSO BE USED FOR TIME TO REMOVE EXISTING COMMUNICATIONS CABLE THAT IS REMOVED. COORDINATE WITH THE OWNER BEFORE ABANDONING ANY EXISTING CABLES.

- KEYED SHEET NOTES**
- 1. EXISTING UNIT VENTILATOR AND ASSOCIATED BI-POLAR IONIZATION UNIT TO BE DISCONNECTED. REMOVE CONDUIT AND WIRE BACK TO ITS SOURCE. WHERE CONDUIT PENETRATES THE FLOOR, SAW OUT CONDUIT FLUSH WITH FLOOR AND PATCH TO MATCH SURROUNDING AREA. SAVE THE BI-POLAR IONIZATION UNIT FOR REINSTALLATION.
 - 2. EXISTING FIRE ALARM DEVICE TO BE REMOVED FOR CONSTRUCTION. REINSTALL IN SAME LOCATION ON NEW CEILING. FIRE ALARM CABLE TO BE TIED UP TO STRUCTURE WHERE REQUIRED.
 - 3. DISCONNECT AND REMOVE EXISTING RECEPTACLE AND ASSOCIATED WIRING BACK TO ITS SOURCE.
 - 4. EXISTING SWITCHES TO BE DISCONNECTED AND REMOVED. REMOVE WIRING. BOX TO BE REUSED. SEE LIGHTING PLAN.
 - 5. EXISTING CEILING MOUNTED VIDEO PROJECTOR AND ASSOCIATED APPLE TV DEVICE TO BE REMOVED BY OWNER. DIVISION 28 CONTRACTOR SHALL REMOVE AND REINSTALL MOUNTING PLATE AND ALL ELECTRICAL CONNECTIONS. VERIFY LOCATION WITH OWNER.
 - 6. DISCONNECT AND REMOVE SURFACE RACEWAY AND ALL ASSOCIATED POWER AND TECHNOLOGY DEVICES. REMOVE ALL CONDUIT AND WIRE BACK TO ITS SOURCE.
 - 7. EXISTING RECEPTACLE TO BE EXTENDED OUT TO FACE OF FURRED OUT WALL. EXTEND CIRCUITING AS REQUIRED. REPLACE RECEPTACLE WITH NEW TAMPER-RESISTANT RECEPTACLE AND STAINLESS STEEL COVERPLATE.
 - 8. EXISTING TECHNOLOGY DEVICE. REMOVE DEVICE AND CABLES BACK TO ITS SOURCE. ABANDON BOX IN PLACE.
 - 9. LIGHTS IN ROOM ARE FED BY 2-CIRCUITS ON A 20A/2P BREAKER. REMOVE ONE CIRCUIT AND CHANGE THE 20A/2P BREAKER TO (2) 20A/1P BREAKERS.
 - 10. EXISTING TWO DATA CABLES SHALL BE DISCONNECTED FROM JACKS. LABEL CABLES WITH JACK NUMBER AND PULL BACK TO CORRIDOR WALL. NEATLY COIL CABLES AND SECURE TO STRUCTURE FOR REUSE. CARE SHALL BE GIVEN TO ENSURE CABLES ARE NOT DAMAGED DURING CONSTRUCTION.
 - 11. REPLACE EXISTING RECEPTACLE WITH NEW TAMPER-RESISTANT RECEPTACLE AND STAINLESS STEEL COVERPLATE.
 - 12. EXISTING CLOCK AND SPEAKER.
 - a. CLOCK TO BE DISCONNECTED AND REMOVED. PROVIDE A JUNCTION BOX IN CORRIDOR CEILING AND RECONNECT THE 110V POWER AND CORRECTION CABLE TO FEED ALL REMAINING CLOCKS IN CIRCUIT.
 - b. SPEAKER AND ASSOCIATED CALL BUTTON TO BE DISCONNECTED. REMOVE SURFACE RACEWAY AND ALL CABLES BACK TO ITS SOURCE.
 - c. PROVIDE PAINTABLE STEEL BLANK COVER.
 - 13. DIVISION 23 CONTRACTOR IS ADDING DUCTS. DUCT PENETRATIONS AND PLENUMS IN THE AREA INSIDE DASHED LINES. DIVISION 28 CONTRACTOR SHALL PERFORM THE FOLLOWING:
 - a. DISCONNECT AND REMOVE ALL DEVICES ON CEILING FOR CONSTRUCTION.
 - b. THERE ARE AT LEAST (3) CONDUITS, ALL 1" OR SMALLER, ROUTED THROUGH THIS AREA AND TO BE SUPPORT ALL EXISTING CONDUITS. PROVIDE JUNCTION BOXES, SIZES AS NEEDED, ON EITHER SIDE OF IMPACTED AREA. PROVIDE NEW CONDUIT AND WIRE TO MATCH EXISTING. ROUTED TO CLEAR ALL DUCT WORK, DUCT PENETRATIONS AND PLENUMS. SPLICE AT BOTH ENDS.
 - c. THERE ARE APPROXIMATELY (40) FIRE ALARM DATA AND SECURITY CABLES ROUTED THROUGH THIS AREA. THE DIVISION 27, 28, 29 CONTRACTOR SHALL DISCONNECT THE CABLES AT ONE END, FILL BACK AND REROUTE AROUND AREA. CABLES DETERMINED TO NOT BE LONG ENOUGH SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. ALL CABLES SHALL BE REINSTALLED WITH PROPER SUPPORT.
 - d. INSTALL REMAINING DEVICES ON NEW CEILING AS CLOSE TO OLD LOCATION AS POSSIBLE.
 - 14. CABINET UNIT HEATER TO BE DISCONNECTED. REMOVE. DISCONNECT. MAINTAIN CIRCUIT FOR REUSE. SEE MOTOR SCHEDULE FOR NEW CABINET UNIT HEATER INFORMATION.
 - 15. DISCONNECT AND REMOVE EXISTING 2-GANG SWITCHES AND ASSOCIATED WIRING. PROVIDE NEW STAINLESS STEEL 2-GANG BLANK COVER.
 - 16. DISCONNECT AND REMOVE EXISTING 5-GANG SWITCHES AND ASSOCIATED WIRING. PROVIDE NEW STAINLESS STEEL 5-GANG BLANK COVER.
 - 17. EXISTING EXIT SIGN TO BE REMOVED FOR CONSTRUCTION. REINSTALL IN SAME LOCATION ON NEW CEILING.
 - 18. DIVISION 28 CONTRACTOR SHALL COORDINATE WITH DIVISION 23 CONTRACTOR AND MOVE ANY JUNCTION BOX, LOCATED INSIDE DASHED LINES, THAT MAY BE NECESSARY AFTER INSTALLATION OF DUCT WORK. REROUTE ASSOCIATED CONDUIT AND PROVIDE NEW CONDUCTORS TO MATCH EXISTING AS REQUIRED.
 - 19. EXISTING EXTERIOR LIGHT FIXTURE AND ASSOCIATED WIRING TO BE DISCONNECTED AND REMOVED.
 - 20. UNIT VENT AND ASSOCIATED BI-POLAR IONIZATION UNIT TO BE DISCONNECTED. REMOVE DISCONNECT. CONDUIT AND WIRE BACK TO ITS SOURCE. SAVE BI-POLAR IONIZATION UNIT FOR REUSE.
 - 21. FAN COIL UNIT TO BE DISCONNECTED. REMOVE DISCONNECT. CONDUIT AND WIRE BACK TO ITS SOURCE.
 - 22. EXISTING OFFICE ROOFTOP UNIT AND ASSOCIATED BI-POLAR IONIZATION UNIT TO BE DISCONNECTED. REMOVE DISCONNECT. STARTER, CONDUIT AND WIRE BACK TO ITS SOURCE. SAVE THE BI-POLAR IONIZATION UNIT FOR REINSTALLATION. ALL WORK DONE UNDER ALTERNATE BID ONLY.
 - 23. EXISTING SOUND ENHANCEMENT SYSTEM COMPONENTS (SPEAKER WITH SUBSCRIPTS SE, R RECEPTOR, WALL MOUNTED AMPLIFIER AND WIRELESS ACCESS POINT) SHALL BE REMOVED BY OWNER. DIVISION 27 SHALL REINSTALL ALL COMPONENTS.

- KEYED SHEET NOTES**
- 24. EXISTING WALL TELEPHONE OUTLET AND ASSOCIATED SURFACE RACEWAY AND VOICE CABLE TO BE REMOVED BACK TO THE EXISTING VOICE TERMINAL BLOCK. REPLACE WITH NEW CABLE IN CH OUTLET. NEW CABLES SHALL BE TERMINATED WHERE OLD CABLE WAS REMOVED. ALL WORK DONE BY DIVISION 27 CONTRACTOR.
 - 25. EXISTING CEILING MOUNTED VIDEO PROJECTOR AND ASSOCIATED APPLE TV DEVICE TO BE REMOVED BY OWNER. DIVISION 28 CONTRACTOR SHALL REMOVE MOUNTING PLATE AND ALL ELECTRICAL CONNECTIONS. DIVISION 28 SHALL REINSTALL MOUNTING PLATE IN NEW LOCATION SHOWN ON SHEET E4. DIVISION 28 SHALL REINSTALL RECEPTACLE IN MOUNTING PLATE. EXTEND/MODIFY CIRCUITING AS REQUIRED. VERIFY LOCATION WITH OWNER.
 - 26. CONDUITS ROUTED THRU THIS AREA SHALL BE MOVED TO THE WALL AND JUST BELOW THE ROOF DECK TO ALLOW FOR INSTALLATION OF DUCTWORK. PROVIDE JUNCTION BOXES. CONDUIT AND WIRE TO MATCH EXISTING AS REQUIRED. COORDINATE EXACT ROUTING WITH DIVISION 23 CONTRACTOR.
 - 27. EXISTING PRV TO BE DISCONNECTED. REMOVE DISCONNECT. CONDUIT AND WIRE BACK TO ITS SOURCE.
 - 28. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. MAINTAIN CIRCUIT FOR REUSE.
 - 29. ROOM, AND ASSOCIATED CONTROLS, JUST OUTSIDE OF ROOM, TO REMAIN AS IS.
 - 30. EXISTING SMOKE DETECTOR TO BE DISCONNECTED AND REMOVED FOR CONSTRUCTION. REINSTALL ON NEW CEILING.
 - 31. ALL EXISTING DEVICES, ON THIS WALL, SHALL BE EXTENDED OUT TO FACE OF NEW WALL SURFACE. PROVIDE NEW DEVICES AND STAINLESS STEEL COVERS.
 - 32. EXISTING LIGHT FIXTURES SHOWN DASHED TO BE DISCONNECTED AND REMOVED. SAVE FOR REUSE.
 - 33. APPROXIMATE LOCATION OF PEDESTAL MOUNTED RECEPTACLE. DISCONNECT AND REMOVE RECEPTACLE AND ASSOCIATED WIRE BACK TO ITS SOURCE. CUT CONDUIT FLUSH WITH FINISHED FLOOR.
 - 34. EXISTING PANDUIT TO BE REMOVED. REPLACE WITH DUAL CHANNEL PANDUIT THAT EXTENDS DOWN TO 15' ABOVE FLOOR. EXISTING RECEPTACLE AND DATA AND PHONE JACKS TO BE REINSTALLED IN PANDUIT AT 15'. EXTEND POWER AND TECHNOLOGY CABLES AS REQUIRED. PROVIDE A NEW GFI RECEPTACLE IN PANDUIT AT 48". CONNECT TO SAME RECEPTACLE CIRCUIT.
 - 35. ALL WORK SHOWN IN ROOM 103A DONE UNDER ALTERNATE BID ONLY.
 - 36. EXISTING SWITCH TO BE MOVED AS SHOWN. EXTEND/MODIFY CABLES AS REQUIRED. PROVIDE STAINLESS STEEL BLANK COVER AT EXISTING BOX.
 - 37. EXISTING SWITCH, OCCUPANCY SENSOR AND ROOM CONTROLLER TO BE DISCONNECTED AND REMOVED. SAVE FOR REUSE.
 - 38. EXISTING PANDUIT AND ASSOCIATE CABLES AND/OR POWER TO BE DISCONNECTED AND REMOVED. REMOVE CABLES AND/OR POWER BACK TO SOURCE.
 - 39. EXISTING RECEPTACLE AND ASSOCIATED WIREMOLD, JUNCTION BOX AND POWER TO BE DISCONNECTED AND REMOVED.
 - 40. EXISTING PANDUIT TO BE REMOVED AND REPLACED WITH PANDUIT THAT EXTENDS DOWN TO 15' ABOVE FLOOR. PROVIDE DUPLEX RECEPTACLE IN PANDUIT. CONNECT TO NEAREST RECEPTACLE CIRCUIT IN ROOM.
 - 41. EXISTING LIGHT IN DISPLAY CASE AND ASSOCIATED SWITCH, CONDUIT AND WIRE SHALL BE DISCONNECTED AND REMOVED. PROVIDE STAINLESS STEEL BLANK COVER ON SWITCH BOX.
 - 42. EXISTING WALL TELEPHONE OUTLET AND ASSOCIATED SURFACE RACEWAY AND VOICE CABLE TO BE REMOVED BACK TO THE EXISTING VOICE TERMINAL BLOCK.
 - 43. EXISTING INTERCOM CALL SWITCH AND ASSOCIATED CABLES TO BE DISCONNECTED AND REMOVED. PROVIDE STAINLESS STEEL BLANK COVER.
 - 44. EXISTING BATTERY CLOCK TO BE REMOVED FOR CONSTRUCTION. REINSTALL IN SAME LOCATION ON NEW WALL SURFACE.
 - 45. EXISTING PANDUIT TO BE SHORTENED SO BOTTOM OF PANDUIT IS 72" ABOVE FLOOR. MOVE RECEPTACLE AND SOUND ENHANCEMENT CABLES UP TO BOTTOM OF PANDUIT. SOUND ENHANCEMENT AMPLIFIER TO BE REMOVED BY OWNER AND REINSTALLED BY DIVISION 27. AMPLIFIER SHALL SIT ON TOP OF BOOKSHELF.
 - 46. EXISTING PLUG STRIP TO BE DISCONNECTED AND REMOVED. RECEPTACLE BOX TO BE REMOVED AND REINSTALLED IN THE SPACE OF NEW CASEWORK. PROVIDE NEW TAMPER-PROOF RECEPTACLE.
 - 47. EXISTING CEILING MOUNTED VIDEO PROJECTOR AND ASSOCIATED APPLE TV DEVICE TO BE REMOVED BY OWNER. DIVISION 28 CONTRACTOR SHALL REMOVE MOUNTING PLATE, RECEPTACLE, CONDUIT AND WIRE BACK TO ITS SOURCE. DIVISION 27 SHALL REMOVE ALL DATA AND TECHNOLOGY CABLES BACK TO THEIR SOURCE. MOUNTING PLATE TO BE SAVED FOR REUSE.
 - 48. EXISTING EMERGENCY BATTERY PACK TO BE MOVED TO NEW LOCATION AS SHOWN. MODIFY/EXTEND CIRCUITING AS REQUIRED.
 - 49. EXISTING LIGHT FIXTURE TO BE DISCONNECTED AND REMOVED. TURN FIXTURE OVER TO OWNER.

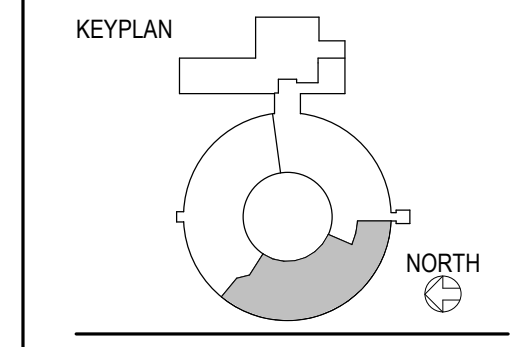
REVISIONS

REV NO	DESCRIPTION	DATE
1	Addendum #2	12/17/2021
2	Addendum #3	12/29/2021
3	Addendum #4	01/04/2022

**CROOKED LAKE
ELEMENTARY SCHOOL**
HVAC Replacement and Deferred
Maintenance - Phase 3
Anoka-Hennepin Schools I.S.D. No. 11
2939 Blunker Lake Blvd NW
Andover, MN 55304

SIGNATURE / SEAL
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

Nicholas Achina, PE
Signature
Nicholas Achina, PE
October 27th, 2021
Date
40408
License Number



DRAWN BY
RGE

CHECKED BY
N ACHINA

ISSUED FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
OCTOBER 27, 2021

SHEET NAME
ELECTRICAL DEMOLITION PLAN

ATSR PROJECT NO.
19039.2

REVISION NO.
3

SHEET NUMBER

