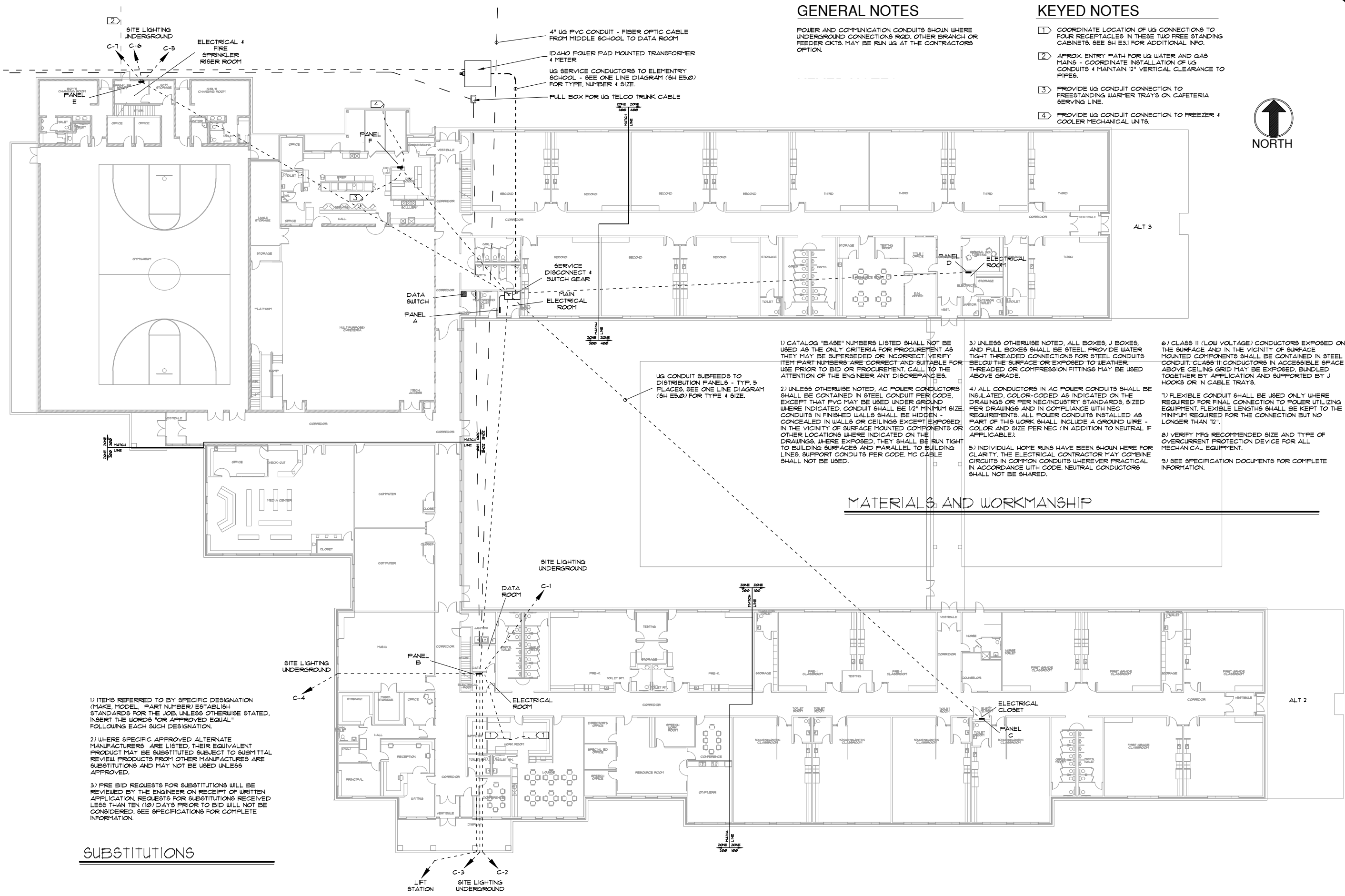


GENERAL NOTES

POWER AND COMMUNICATION CONDUITS SHOWN WHERE UNDERGROUND CONNECTIONS REQUIRED. OTHER BRANCH OR FEEDER CKTS. MAY BE RUN UG AT THE CONTRACTORS OPTION.

KEYED NOTES

- 1) COORDINATE LOCATION OF UG CONNECTIONS TO FOUR RECEPTABLES IN THESE TWO FREE STANDING CABINETS. SEE SH E3.1 FOR ADDITIONAL INFO.
- 2) APPROX. ENTRY PATH FOR UG WATER AND GAS MAINS - COORDINATE INSTALLATION OF UG CONDUITS 4 MAINTAIN 12" VERTICAL CLEARANCE TO PIPES.
- 3) PROVIDE UG CONDUIT CONNECTION TO FREESTANDING WARMER TRAYS ON CAFETERIA SERVING LINE.
- 4) PROVIDE UG CONDUIT CONNECTION TO FREEZER 4 COOLER MECHANICAL UNITS.



UG CONDUIT SUBFEEDS TO DISTRIBUTION PANELS - TYP. 5 PLACES. SEE ONE LINE DIAGRAM (SH E5.0) FOR TYPE 4 SIZE.

- 1) CATALOG "BASE" NUMBERS LISTED SHALL NOT BE USED AS THE ONLY CRITERIA FOR PROCUREMENT AS THEY MAY BE SUPERSEDED OR INCORRECT. VERIFY ITEM PART NUMBERS ARE CORRECT AND SUITABLE FOR USE PRIOR TO BID OR PROCUREMENT. CALL TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES.
- 2) UNLESS OTHERWISE NOTED, AC POWER CONDUCTORS SHALL BE CONTAINED IN STEEL CONDUIT PER CODE, EXCEPT THAT PVC MAY BE USED UNDER GROUND WHERE INDICATED. CONDUIT SHALL BE 1/2" MINIMUM SIZE. CONDUITS IN FINISHED WALLS SHALL BE HIDDEN. CONCEALED IN WALLS OR CEILING EXCEPT EXPOSED IN THE VICINITY OF SURFACE MOUNTED COMPONENTS OR OTHER LOCATIONS WHERE INDICATED ON THE DRAWINGS. WHERE EXPOSED, THEY SHALL BE RUN TIGHT TO BUILDING SURFACES AND PARALLEL TO BUILDING LINES. SUPPORT CONDUITS PER CODE. PVC CABLE SHALL NOT BE USED.
- 3) UNLESS OTHERWISE NOTED, ALL BOXES, J BOXES, AND PULL BOXES SHALL BE STEEL. PROVIDE WATER TIGHT THREADED CONNECTIONS FOR STEEL CONDUITS BELOW THE SURFACE OR EXPOSED TO WEATHER. THREADED OR COMPRESSION FITTINGS MAY BE USED ABOVE GRADE.
- 4) ALL CONDUCTORS IN AC POWER CONDUITS SHALL BE INSULATED, COLOR-CODED AS INDICATED ON THE DRAWINGS OR PER NEC/INDUSTRY STANDARDS. SIZED PER DRAWINGS AND IN COMPLIANCE WITH NEC REQUIREMENTS. ALL POWER CONDUITS INSTALLED AS PART OF THIS WORK SHALL INCLUDE A GROUND WIRE - COLOR AND SIZE PER NEC (IN ADDITION TO NEUTRAL IF APPLICABLE).
- 5) INDIVIDUAL HOME RUNS HAVE BEEN SHOWN HERE FOR CLARITY. THE ELECTRICAL CONTRACTOR MAY COMBINE CIRCUITS IN COMMON CONDUITS WHEREVER PRACTICAL IN ACCORDANCE WITH CODE. NEUTRAL CONDUCTORS SHALL NOT BE SHARED.
- 6) CLASS II (LOW VOLTAGE) CONDUCTORS EXPOSED ON THE SURFACE AND IN THE VICINITY OF SURFACE MOUNTED COMPONENTS SHALL BE CONTAINED IN STEEL CONDUIT. CLASS II CONDUCTORS IN ACCESSIBLE SPACE ABOVE CEILING GRID MAY BE EXPOSED, BUNDLED TOGETHER BY APPLICATION AND SUPPORTED BY J HOOKS OR IN CABLE TRAYS.
- 7) FLEXIBLE CONDUIT SHALL BE USED ONLY WHERE REQUIRED FOR FINAL CONNECTION TO POWER UTILIZING EQUIPMENT. FLEXIBLE LENGTHS SHALL BE KEPT TO THE MINIMUM REQUIRED FOR THE CONNECTION BUT NO LONGER THAN 12'.
- 8) VERIFY MFG RECOMMENDED SIZE AND TYPE OF OVERCURRENT PROTECTION DEVICE FOR ALL MECHANICAL EQUIPMENT.
- 9) SEE SPECIFICATION DOCUMENTS FOR COMPLETE INFORMATION.

- SUBSTITUTIONS**
- 1) ITEMS REFERRED TO BY SPECIFIC DESIGNATION (MAKE, MODEL, PART NUMBER) ESTABLISH STANDARDS FOR THE JOB. UNLESS OTHERWISE STATED, INSERT THE WORDS "OR APPROVED EQUAL" FOLLOWING EACH SUCH DESIGNATION.
 - 2) WHERE SPECIFIC APPROVED ALTERNATE MANUFACTURERS ARE LISTED, THEIR EQUIVALENT PRODUCT MAY BE SUBSTITUTED SUBJECT TO SUBMITTAL REVIEW. PRODUCTS FROM OTHER MANUFACTURERS ARE SUBSTITUTIONS AND MAY NOT BE USED UNLESS APPROVED.
 - 3) PRE BID REQUESTS FOR SUBSTITUTIONS WILL BE REVIEWED BY THE ENGINEER ON RECEIPT OF WRITTEN APPLICATION. REQUESTS FOR SUBSTITUTIONS RECEIVED LESS THAN TEN (10) DAYS PRIOR TO BID WILL NOT BE CONSIDERED. SEE SPECIFICATIONS FOR COMPLETE INFORMATION.

FLOOR PLAN ZONE 100 - 400

SCALE: 1/16" = 1'-0"



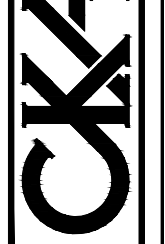
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PROJECT: **FRUITLAND SCHOOL DISTRICT #313**
FRUITLAND, IDAHO

DRAWING: **ELECTRICAL FLOOR PLAN**
BUILDING: **ELEM**
SHEET: **E1.1**