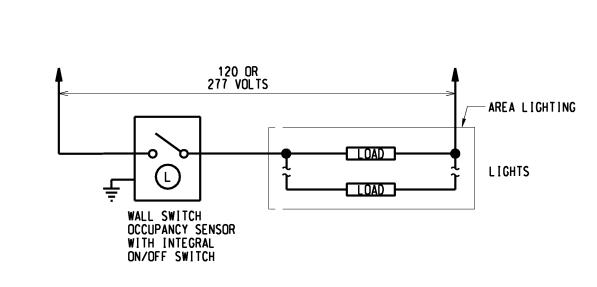


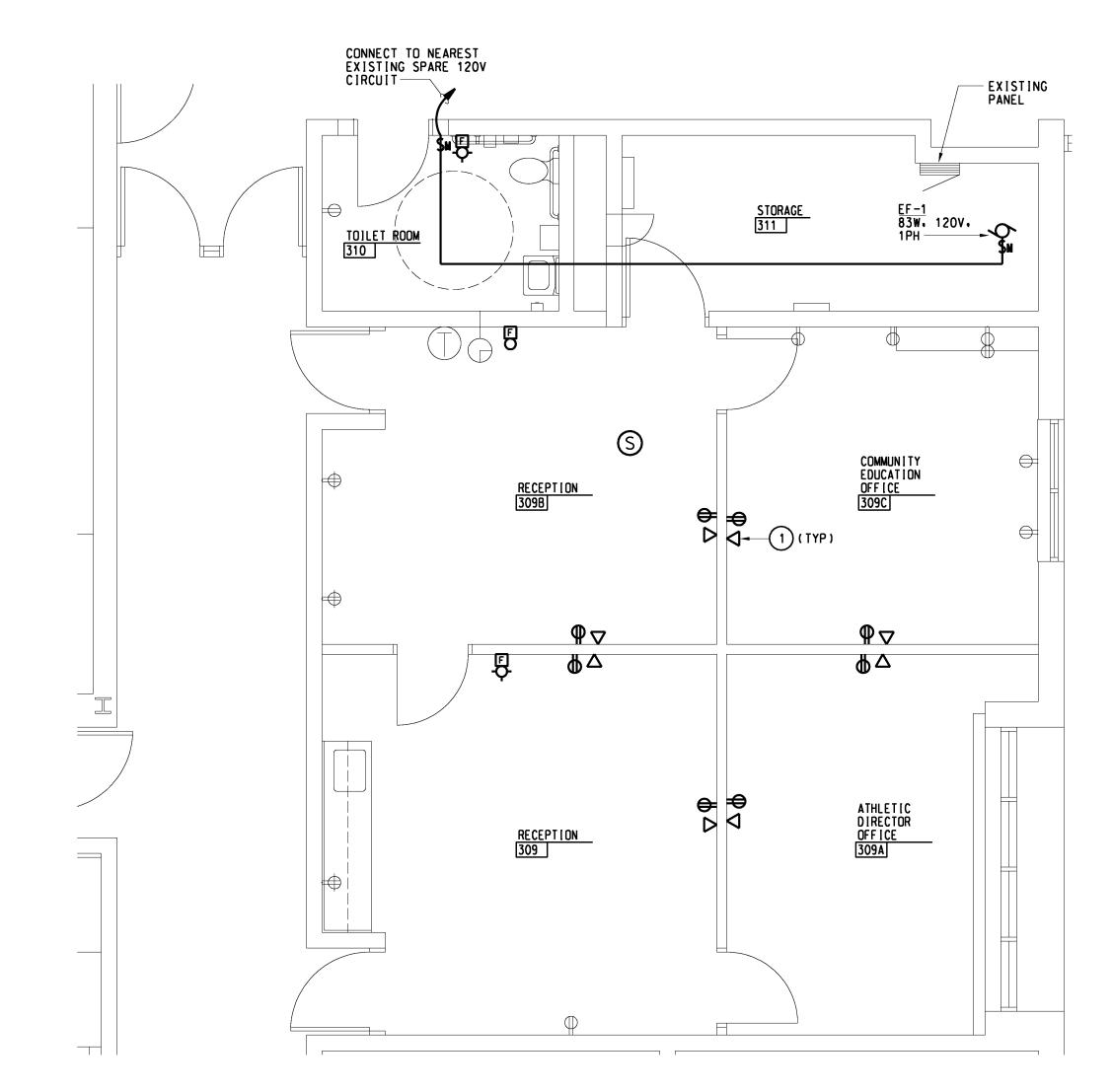
LIGHTING CONTROL

1. ALL LOW VOLTAGE WIRING SHALL BE #18 AWG MINIMUM.

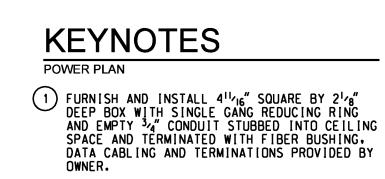
NO SCALE

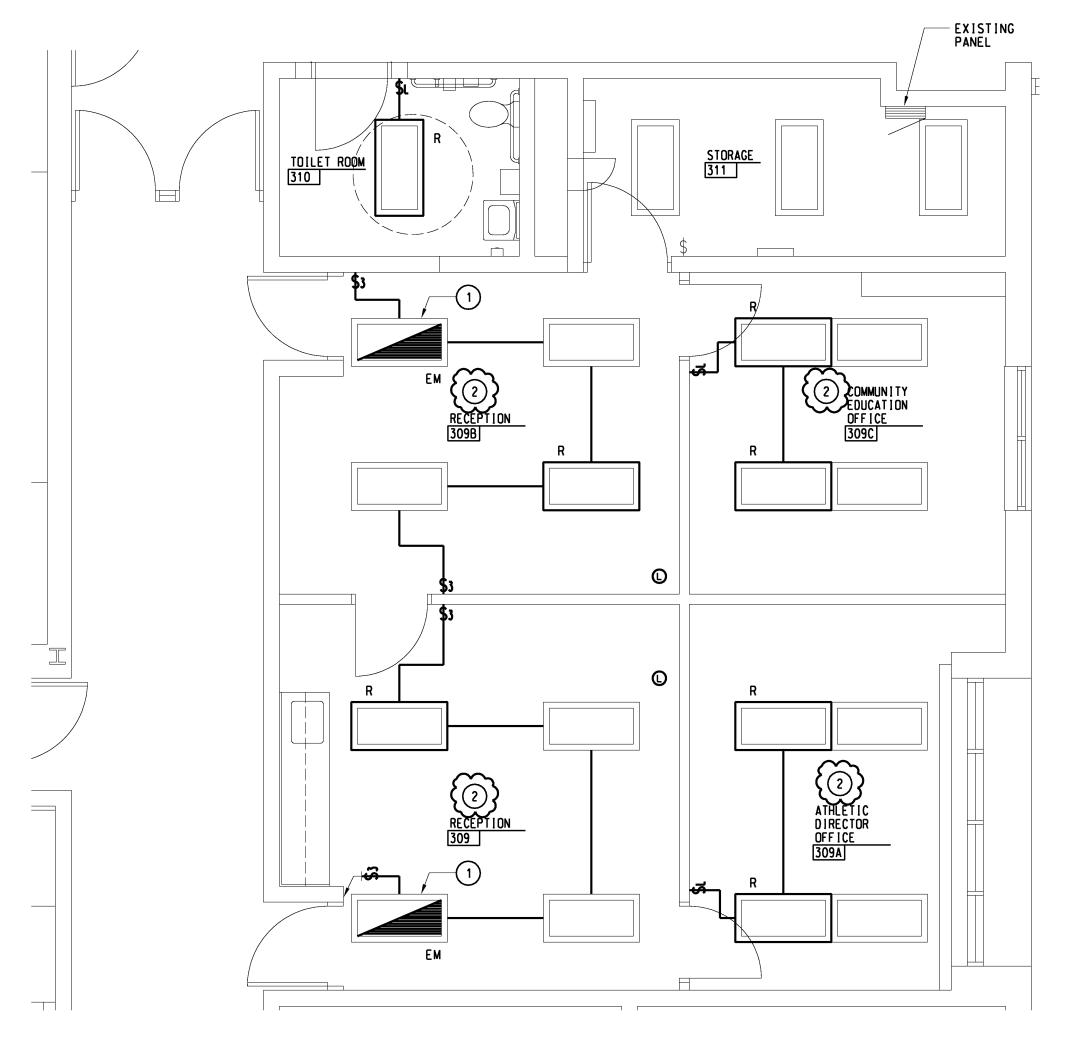


WALL OCCUPANCY SENSOR FOR SINGLE LEVEL LIGHTING CONTROL NO SCALE



POWER AND AUXILIARY SYSTEM PLAN





LIGHTING FIXTURE SCHEDULE

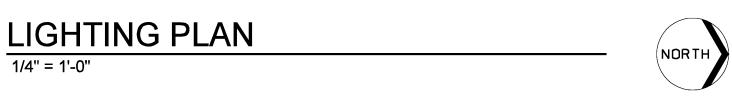
SELF-CONTAINED, UNIT INVERTER (BATTERY PACK) CONCEALED INSIDE FIXTURE CHANNEL TO PROVIDE BATTERY BACK-UP TO (2) T-8 LAMP AT 1350 INITIAL LUMENS (MINIMUM) FOR 90

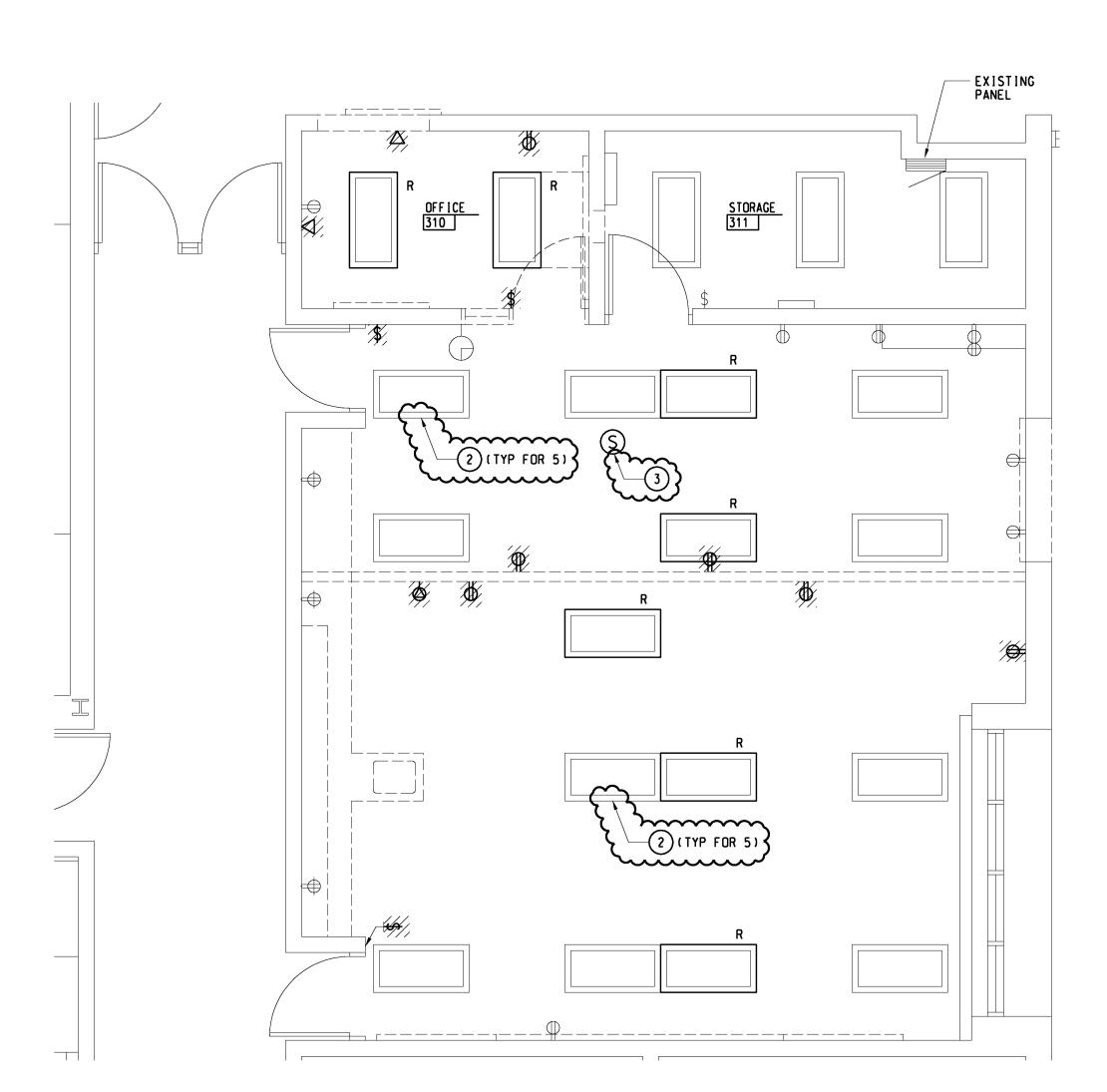
RECHARGEABLE, MAINTENANCE-FREE NICKEL CADMIUM BATTERIES; SOLID STATE CHARGER: LOW VOLTAGE DISCONNECT: INDICATING

MINUTE BATTERY LIFE (MINIMUM) PROVIDE WITH SEALED.

LAMP; TEST SWITCH; FULL SELF DIAGNOSTICS; 277 VOLT

MANUFACTURER: BODINE B50ST





DEMOLITION PLAN

1/4" = 1'-0"

NORTH

GENERAL NOTES

LIGHTING AND POWER PLANS

1. LIGHT LINE WEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN. HEAVY LINE WEIGHT INDICATES NEW ELECTRICAL EQUIPMENT. THE LETTER (R) INDICATES NEW LOCATION OF EQUIPMENT RELOCATED.

- of Equipment Relocated.

 2. ALL BRANCH CIRCUITS SHALL CONSIST OF A MINIMUM OF 2#12AWG AND 1#12AWG GRD IN 34" CONDUIT TO A 20A-1P CIRCUIT BREAKER UNLESS NOTED OTHERWISE.
- BREAKER UNLESS NOTED OTHERWISE.

 3. ALL NEW ELECTRICAL DEVICES SHALL BE FLUSH MOUNTED. ALL CONDUIT AND WIRING SHALL BE CONCEALED IN WALLS.
- 4. ELECTRICAL CONTRACTOR SHALL RING OUT ALL CIRCUITS IN ALL EXISTING PANELBOARDS AFFECTED BY THE SCOPE OF THIS PROJECT AND PROVIDE UPDATED TYPED PANELBOARD DIRECTORIES. REPLACE ALL INOPERATIVE OR DEFECTIVE CIRCUIT BREAKERS AND PROVIDE BLANK COVERS WHERE BREAKERS HAVE BEEN REMOVED.
- 5. CONNECT LIGHTING FIXTURES TO EXISTING LIGHTING BRANCH CIRCUITS. PROVIDE SWITCHING AS INDICATED. 277 VOLT. 20A-1P BRANCH CIRCUITS SHALL NOT BE LOADED IN EXCESS OF 4400VA. CLEAN AND RELAMP ALL EXISTING FIXTURES.
- 6. CIRCUIT NEW RECEPTACLES TO EXISTING BRANCH CIRCUIT PANELS. VERIFY EXACT CIRCUIT NUMBERS IN THE FIELD AND CONNECT TO EXISTING SPARE CIRCUIT BREAKERS. 120 VOLT. 20A-1P BRANCH CIRCUITS SHALL NOT BE LOADED IN EXCESS OF 1500VA.

 7. PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR WITHIN THE RACEWAY. ALONG WITH THE PHASE CONDUCTORS. FOR ALL BRANCH CIRCUITS. PROVIDE A SEPARATE DEDICATED NEUTRAL

CONDUCTOR FOR EACH BRANCH CIRCUIT PHASE

- 8. PROVIDE CONDUIT BUSHINGS AND PULL STRINGS IN ALL EMPTY TELECOMMUNICATIONS CONDUITS.9. WHERE CONDUITS PENETRATE FIRE WALLS, THE
- 9. WHERE CONDUITS PENETRATE FIRE WALLS, THE WALL SHALL BE SEALED TO BE EQUAL OR GREATER THAN THE ORIGINAL FIRE RATING OF THAT WALL.
- 10. REMOVE AND REPLACE ALL EXISTING CEILING
 TILES AS REQUIRED FOR THE INSTALLATION
 OF ELECTRICAL EQUIPMENT.

 11. OBTAIN APPROVAL FROM THE OWNER PRIOR TO
 INTERRUPTING EXISTING ELECTRICAL SERVICES.
 ALL ELECTRICAL SERVICE INTERRUPTIONS AND
 CONNECTIONS TO EXISTING SYSTEMS SHALL
 BE PERFORMED DURING AT A TIME SUITABLE
- 12. PROVIDE BOX EXTENSIONS ON ALL EXISTING OUTLETS AS REQUIRED TO ACCOMODATE FURRED OUT WALLS.
- 13. PROVIDE NEW FIRE ALARM DEVICES COMPATIBLE IN MAKE, MODEL AND MANUFACTURER. WITH THE EXISTING FIRE ALARM SYSTEM.

KEYNOTES

1 FURNISH AND INSTALL NEW EMERGENCY
LIGHTING BATTERY PACK TYPE "EM" IN
EXISTING LIGHTING FIXTURE.

2 REINSTALL ALL EXISTING LIGHTING FIXTURES
IN SAME LOCATION ONCE CEILING WORK IS
COMPLETE.

GENERAL NOTES

LIGHT LINE WEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN. PLAN SLASH MARKS INDICATE EQUIPMENT TO BE DISCONNECTED AND REMOVED. THE LETTER (R) INDICATES EXISTING EQUIPMENT TO BE RELOCATED.
 UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES AS INDICATED OR REQUIRED TO FACILITATE NEW CONSTRUCTION INCLUDING HANGERS. MOUNTING HARDWARE. PULL BOXES. JUNCTION BOXES. CONDUIT. WIRING. ETC. FROM THE POWER SOURCE TO THE UTILIZATION

FROM THE POWER SOURCE TO THE UTILIZATION EQUIPMENT.

3. WHERE REMOVAL OF CONDUIT AND WIRING AFFECTS THE OPERATION OF "UPSTREAM" AND/OR "DOWNSTREAM" UTILIZATION EQUIPMENT WHICH WAS NOT INDICATED TO BE REMOVED.

PROVIDE ADDITIONAL CONDUIT AND WIRING
TO RESTORE THE "UPSTREAM" AND "DOWNSTREAM"
UTILIZATION EQUIPMENT TO ITS NORMAL
OPERATION.

4. FOR LIGHTING REMOVE SWITCH. COVERPLATE.
AND WIRING TO NEAREST JUNCTION BOX IN THE

4. FOR LIGHTING REMOVE SWITCH, COVERPLATE, AND WIRING TO NEAREST JUNCTION BOX IN THE CEILING SPACE, DEVICE BOX AND CONDUIT TO CEILING SPACE SHALL REMAIN, LIGHTING BRANCH CIRCUITS SERVING THE AREA SHALL REMAIN FOR REUSE.

5. CEILING GRIDS AND PADS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED ON ARCH. DRAWINGS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF EXISTING ACOUSTICAL CEILING PANELS AND GRIDS REQUIRED FOR THE INSTALLATION OF ALL ELECTRICAL WORK IN AREAS NOT SHOWN AS REPLACED BY ARCH TRADES. ANY BROKEN/SCRATCHED/OR DAMAGED PANELS SHALL BE REPLACED WITH NEW MATCHING EXISTING. EXISTING ACOUSTICAL CEILING PANELS ALREADY SCRATCHED/DAMAGED OR BROKEN SHALL BE DOCUMENTED WITH OWNER/OWNER'S REPRESENTATIVE PRIOR TO BEGINNING ANY

6. AFTER REMOVAL OF SURFACE MOUNTED ELECTRICAL EQUIPMENT PATCH HOLE IN MASONRY OR GYP. BOARD WALLS AND PAINT TO MATCH EXISTING WALL FROM NEAREST VERTICAL AND HORIZONTAL MORTAR JOINT OR CORNER.

KEYNOTES

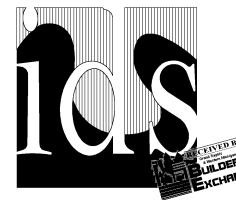
DEMOLITION

1 FURNISH AND INSTALL NEW EMERGENCY LIGHTING BATTERY PACK TYPE "EM" IN EXISTING LIGHTING FIXTURE.

2 CONTRACTOR OPTION: GENERAL CONTRACTOR MAY OPT TO REMOVE AND INSTALL CEILING GRID. EXISTING LIGHTING FIXTURES SHALL BE DISCONNECTED AND REMOVED OR TEMPORARILY RAISED AND SUPPORTED ABOVE THE CEILING AS REQUIRED TO ACCOMMODATE CEILING WORK. REFER TO ARCH DRAWINGS AND REFLECTED CEILING PLANS.

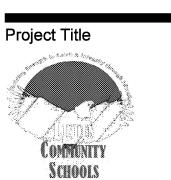
3 DISCONNECT AND REMOVE EXISTING CEILING MOUNTED SPEAKER. REINSTALL IN SAME LOCATION ONCE CEILING WORK IS COMPLETE.

ALL DEMOLITION AND NEW ELECTRICAL WORK SHALL BE BY OWNER.



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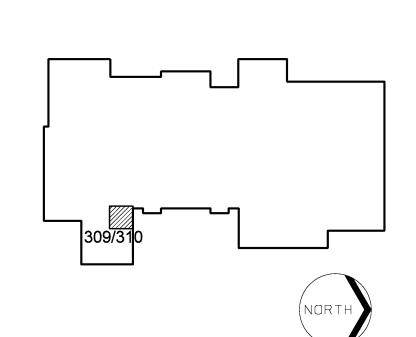


LINDEN COMMUNITY SCHOOLS

2013 Sinking Fund Projects

Linden, Michigan

Key Plan



Project Administrator:
K. Delzer

Project Designer:
M. Nowicki

Project Architect / Engineer:
M. Nowicki

Drawn By:
T. Manardo

Q.M. Review:
R. Bracci

Approved:
R. Bracci

Drawing Scale:
1/4"=1'-0"

Seal:

Seal:

Seal:

Seal:

Seal:

Seal:

Seal:

Seal:

Seal:

Signature:

Date:
1/4"=1'-0"

Issue Date: Issued for:
03-11-13 Quality Management Review
03-14-13 Plan Review
03-15-13 Bids
03-28-13 Addendum No 1

03-28-13 Addendum No 1

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Electrical Demolition and New Work Plans

IDS Project Number

IDS Drawing Title

101-1000 E1.1HS

Drawing Number