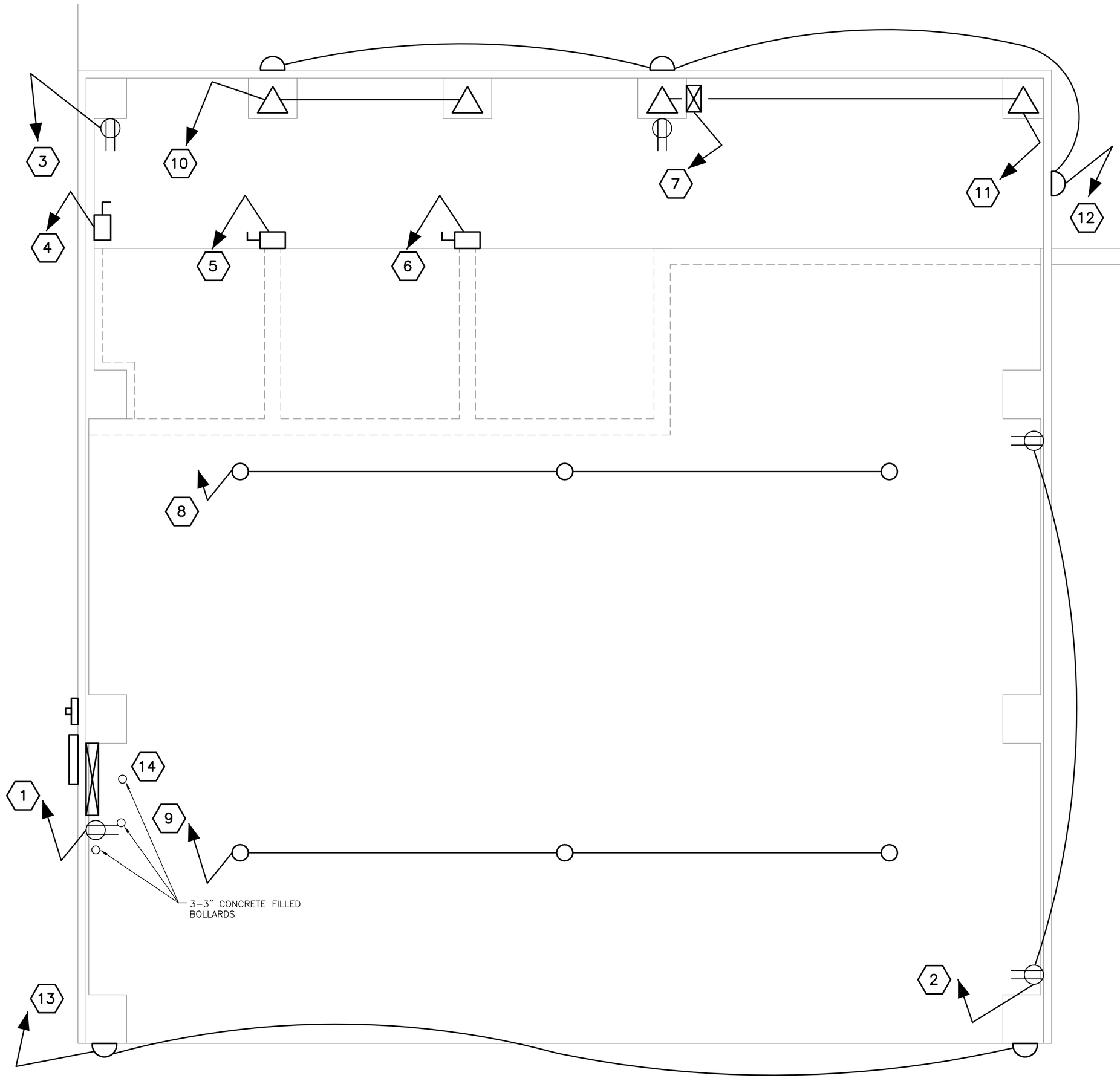

ELECTRIC LAYOUT

SCALE: 1/4"=1'–0"

CODED NOTES

1. 120 VOLT 20 AMP GFCI RECEPTACLE. INSTALL RECEPT. IN FS BOX WITH FLAT LID WEATHER PROOF COVER (NOT AN IN–USE TYPE). CONNECT TO CB–1. MOUNTING HEIGHT–48".
2. 120 VOLT 20 AMP GFCI RECEPTACLES. INSTALL RECEPT. IN FS BOX WITH FLAT LID WEATHER PROOF COVER (NOT AN IN –USE TYPE) CONNECT TO CB–2. MOUNTING HEIGHT–48"
3. 120 VOLT 20 AMP GFCI RECEPTACLES. INSTALL RECEPT. IN FS BOX WITH FLAT LID WEATHER PROOF COVER (NOT AN IN –USE TYPE) CONNECT TO CB–3. MOUNTING HEIGHT–48"
4. 100 AMP 3 PHASE 240V NON–FUSE NEMA 12 DISCONNECT. INSTALL 1–1/4 INCH CONDUIT W/3–#3 THHN Cu., 2–#12 THHN & 1–#8 Cu GROUND TO MAIN SERVICE LOCATION. CONNECT TO 100 AMP FUSIBLE DISCONNECT (SEE RISER DIA.)
5. 100 AMP 3 PHASE 240V NON–FUSE NEMA 12 DISCONNECT. INSTALL 1–1/4 INCH CONDUIT W/3–#3 THHN Cu., 2–#12 THHN & 2–#12 THHN & 1–#8 Cu GROUND TO MAIN SERVICE LOCATION. CONNECT TO 100 AMP FUSIBLE DISCONNECT (SEE RISER DIA.)
6. 100 AMP 3 PHASE 240V NON–FUSE NEMA 12 DISCONNECT. INSTALL 1–1/4 INCH CONDUIT W/3–#3 THHN Cu., 2–#12 THHN & 2–#12 THHN & 1–#8 Cu GROUND TO MAIN SERVICE LOCATION. CONNECT TO 100 AMP FUSIBLE DISCONNECT (SEE RISER DIA.)
7. INSTALL 1–1/4 INCH CONDUIT TO MAIN SERVICE LOCATION FOR FUTURE COMPACTOR. CONNECT TO TO WIRING TROUGH AT MAIN SERVICE. CAP AT TERMINATION. INSTALL PULL STRING.
8. 120 VOLT CIRCUIT TO 3 HIGH BAY TYPE HID FIXTURES. MOUNTING HEIGHT TO BE 28 FEET (ELEVATION 128.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–4.
9. 120 VOLT CIRCUIT TO 3 HIGH BAY TYPE HID FIXTURES. MOUNTING HEIGHT TO BE 28 FEET (ELEVATION 128.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–5.
10. 120 VOLT CIRCUIT TO 2–WALL MOUNTED HID FLOOD FIXTURES. MOUNTING HEIGHT TO BE 20 FEET (ELEVATION 110.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–6.
11. 120 VOLT CIRCUIT TO 2–WALL MOUNTED HID FLOOD FIXTURES. MOUNTING HEIGHT TO BE 20 FEET (ELEVATION 110.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–7.
12. 120 VOLT CIRCUIT TO 3 WALL PACK FIXTURES. MOUNTING HEIGHT TO BE 25 FEET (ELEVATION 115.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–8.
13. 120 VOLT CIRCUIT TO 2 WALL PACK FIXTURES. MOUNTING HEIGHT TO BE 25 FEET (ELEVATION 115.0). (SEE FIXTURE SCHEDULE). CONNECT TO CB–9.
14. MAIN SERVICE LOCATION. SEE RISER DIAGRAM FOR DETAILS. INSTALL 3–3" GRC CONCRETE FILLED BOLLARDS FOR PROTECTION FROM VEHICLES.

ELECTRICAL GENERAL NOTES

1. ALL WIRING TO BE COPPER UNLESS OTHERWISE NOTED, MINIMUM SIZE #12 THHN, AND INSTALLED IN RACEWAY. ALL CONDUIT WITHIN 10 FEET AFF TO BE GRC.
2. CONDUITS RUN UNDER SLAB TO BE SCH. 40 PVC. CHANGE TO GRC WITH A 90 DEG. GRC SWEEP ELBOW PRIOR TO EMERGING FROM SLAB.
3. FINAL CONNECTIONS TO ANY EQUIPMENT TO BE MADE WITH LIQUID TIGHT FLEXIBLE CONDUIT.
4. ALL RACEWAYS TO CONTAIN GROUND WIRE SIZED TO MAXIMUM CIRCUIT AMPACITY.

FIXTURE SCHEDULE

MARK	MANUFACTURER	VOLTS	CATALOG NUMBER	LAMP	WATTS	MOUNTING	DESCRIPTION
A	LITHONIA	.	TPGE 400M PG16GLE W 120	MH400U	.	HANGING	PENDANT MOUNT
B	LITHONIA	.	TWH 400M 120 PE LPI	M400 BT28 INCL.	.	MOUNTED	PHOTO EYE CONTROL
C	LITHONIA	.	TFM 175M TA 120 LPI	M175 INCL.	.	WALL MTD	WALL MOUNTED W/APPLETON JBX BOX AND JBK – TO COVER.

A NEW RECYCLING BUILDING FOR LONDON, OHIO
NORTH CENTRAL OHIO SOLID WASTE DISTRICT

233 JENKINSON DRIVE
LONDON, OHIO 43140
MADISON COUNTY

NO.	CORR LTR DATE	REVISED ISSUE DATE

DESIGN BY PROFESSIONAL:
PIZZINO ENGINEERING & CONSULTING, LLC.
WILLIAM J. PIZZINO, P.E.
9495 SR 161
PLAIN CITY, OHIO 43064

CONCEPT BUILDINGS, INC.
MARYSVILLE, OHIO
(937) 644-0605

THIS SHEET:
ELECTRIC LAYOUT

PROJECT: RECYCLING BLDG
DATE: 09–19–07
DRAWN BY: P.R.M.
SCALE: AS NOTED

SHEET: 8 OF 9

E.1