NOTES

1. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.
2. FOR WALGREENS STANDARD PYLON SIGN, PROVICE (1) 20A, 120V CIRCUIT FROM PANEL "LP-SP" TO PYLON SIGN, FOR PRIMARY PANEL (16'-8" X 5'-4"). REFER TO PRIMARY PLANEL ELECTRICAL DATA, SHOWN ON THIS DRAWING

   LED READREBOARD POWER REQUIREMENTS SHALL BE BASED ON LED READERBOARD ELECTRICAL DATA, SHOWN ON THIS DRAWING PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH LED READERBOARD BRANCH CIRCUIT. LED READERBOARD BRANCH CURCUIT CONDUCTOR SIZES SHALL BE SHOWN ON THIS DRAWING.
3. FURNISH AND INSTALL THE DRIVE ALARM SENSOR, WITH CABLE ROUTED BACK TO THE CONTROL PANEL, WHICH IS MOUNTED ON THE INTERIOR WALL OF THE DRIVE-THRU WINDOW UNIT. SEE DRAWING E1.2 FOR ELECTRICAL REQUIREMENTS.
4. SEE LUMINAIRE SCHEDULE ON DRAWING E4.1 FOR LUMINAIRE INFORMATION.
5. THE SITE LIGHTING IS BASED ON:
   - ■ MCGRAW-EDISON
   - ☐ ~~LITHONIA~~
6. PROVIDE CROWN ON TOP OF CONCRETE BASE TO COMPLETELY SHED WATER.
7. FACADE ACCENT FIXTURE BRACKET SHALL BE 3" SQUARE STRUCTURAL TUBING WELDED TO STEEL MOUNTING PLATE WITH 2" TENON AND FRICTION FIT STEEL END CAP. BRACKET MOUNTING HARDWARE SHALL INCLUDE (2) 1/2,"-13 X 6 1/2," STAINLESS STEEL THRU-BOLTS, NUTS & LOCKWASHERS. (UTILIZE ONLY WITH CANOPY ELEVATIONS).
8. THE POLE HOLDING THE "W-1" OR THE "W-2" FACADE ACCENT FIXTURE SHALL BE LOCATED AT THE PERIMETER OF THE SITE WITHIN 20 FEET OF THE CENTERLINE OF THE "WALGREENS" LOGO SCRIPT SIGN ON THE FACADE. (UTILIZE ONLY WITH CANOPY ELEVATIONS).
9. GROUP B, DRAWING E2.1A OF CONTROL SCHEDULE CONTROLS LIGHTS REQUIRED TO ILLUMINATE PATH OF TRAVEL FROM THE STORE ENTRANCE TO THE DESIGNATED EMPLOYEE PARKING SPACES. ACCORDING TO SPECIFIC LAYOUT SHOWN ON CRITERIA DRAWING E0.1, LIGHTS ON THREE POLES ARE INCLUDED IN GROUP B. SELECTION OF POLES IS BASED ON THE FOLLOWING LOGIC:

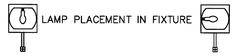
   POLE 1 - CLOSEST TO INTERSECTION
   POLE 2 - NEXT TO THE CLOSEST TO INTERSECTION ON STREET WITH HIGHER TRAFFIC COUNT (MAIN STREET)
   POLE 3 - TWO FOLLOWING OPTIONS ARE CONSIDERED FOR POLE LOCATION:
   OPTION 1-ALONG PROPERTY LINE IF PARKING STALLS ARE PRESENT AND NON-RESIDENTIAL
   OPTION 2-ALONG STREET WITH LOWER TRAFFIC COUNT.

   NOTE THAT THE SPECIFIC LIGHTING SCHEME OUTLINED ABOVE APPLIES ONLY TO THE PROTOTYPICAL SITE PLAN SHOWN HEREIN. FOR OTHER SITE LAYOUTS, PLEASE CONSULT WITH THE WALGREENS PROJECT ARCHITECT TO DETERMINE WHICH POLES SHALL BE PART OF GROUP B. IN THE CASE OF 24 HOUR STORES, POLES DESIGNATED TO BE PART OF GROUP B MUST STILL BE INCLUDED, SINCE THE 24 HOUR DESIGNATION MIGHT CHANGE.
10. PROVIDE A MINIMUM OF TWO (2) 1" DIAMETER PVC CONDUITS TO PYLON SIGN(S) TO SEPARATE DATA CABLE AND POWER CIRCUITS. 2'-0" SEPARATION SHALL BE MAINTAINED BETWEEN POWER AND DATA CONDUITS. RUN DATA CONDUIT (WITH #12 WIRE FOR PULL STRING) TO OFFICE SPACE. SEE DRAWING E1.3 HEXAGON 14 - ETHERNET SYSTEM, FOR EXACT LOCATION. ALL CONDUIT AND POWER SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. PYLON DATA CABLE FURNISHED AND INSTALLED BY WALGREEN CONTRACTOR.
11. THE SITE LIGHTING POLE SHALL BE USED WITH A WIND SPEED OF:
    - ■ 90 MPH AND BELOW
    - ☐ 120 MPH AND BELOW
    - ☐ 150 MPH AND BELOW
12. IN RESIDENTIAL AREAS, PROVIDE HOUSE SIDE SHEILD ON PARKING LIGHT FIXTURES THAT ARE LOCATED ON ABUTTING PROPERTY LINE TO PREVENT LIGHT TRESSPASS.

REFLECTOR ORIENTATION LEGEND

ROTATE REFLECTOR FOR CORRECT SOCKET POSITION BEFORE FIXTURE INSTALLATION

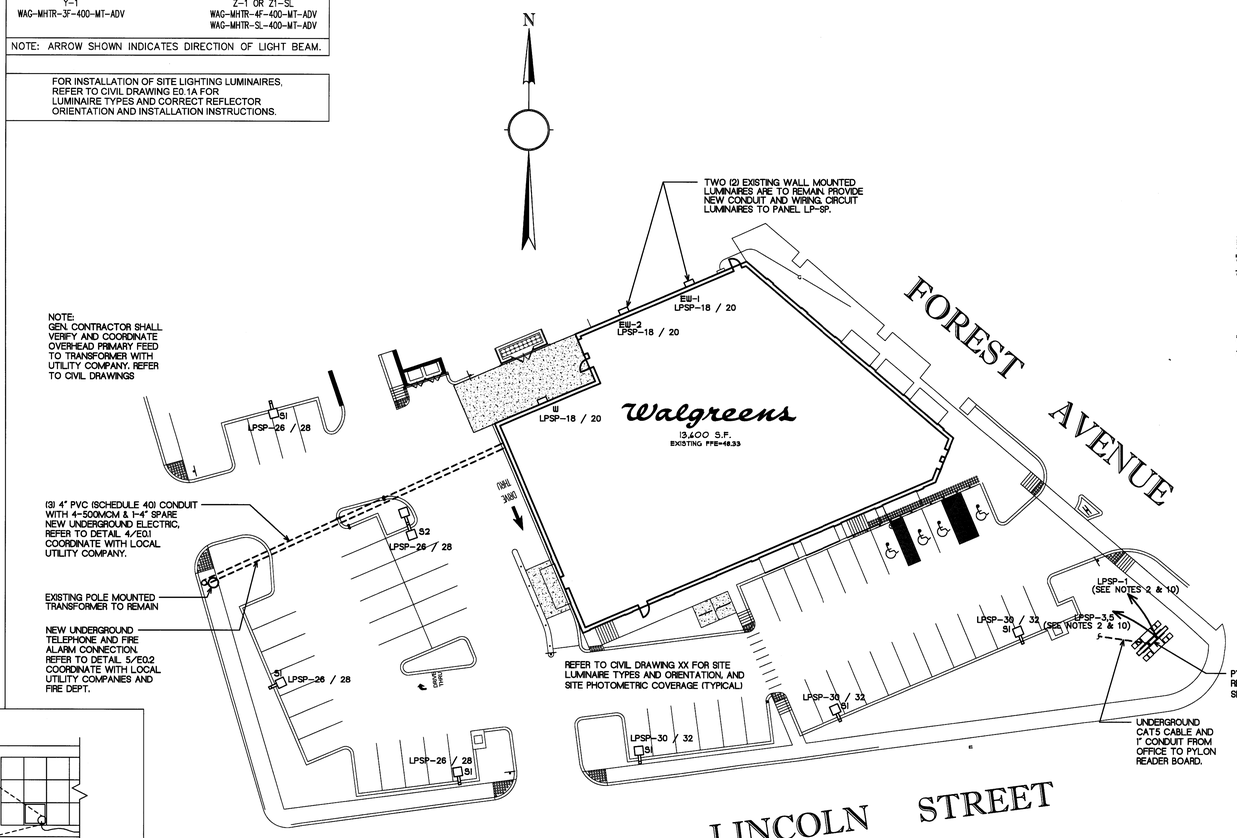
McGRAW-EDISON



Y-1	Z-1 OR Z1-SL
WAG-MHTR-3F-400-MT-ADV	WAG-MHTR-4F-400-MT-ADV WAG-MHTR-SL-400-MT-ADV

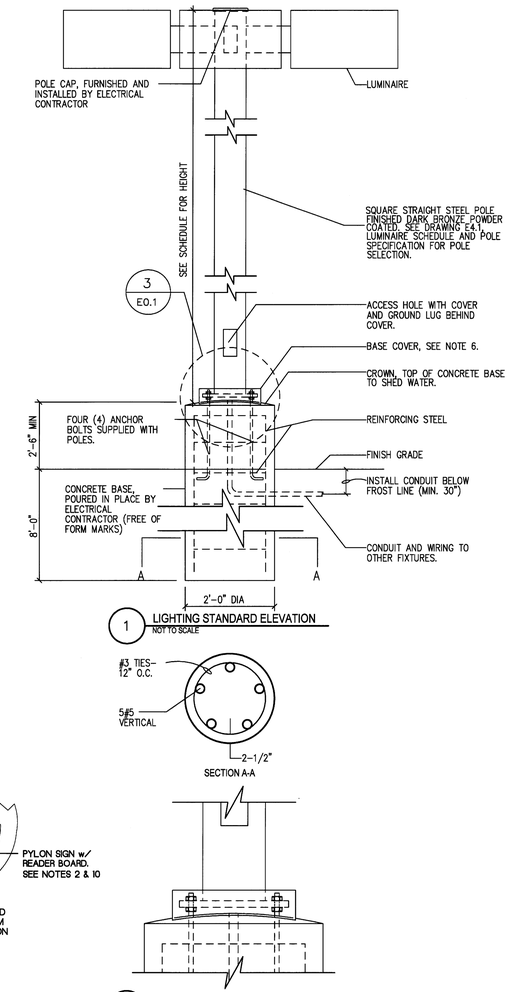
NOTE: ARROW SHOWN INDICATES DIRECTION OF LIGHT BEAM.

FOR INSTALLATION OF SITE LIGHTING LUMINAIRES, REFER TO CIVIL DRAWING E0.1A FOR LUMINAIRE TYPES AND CORRECT REFLECTOR ORIENTATION AND INSTALLATION INSTRUCTIONS.

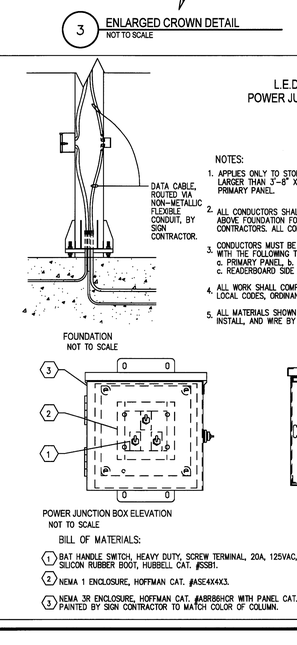


SITE ELECTRICAL PLAN

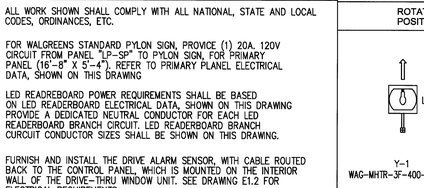
SCALE: 1"=30'

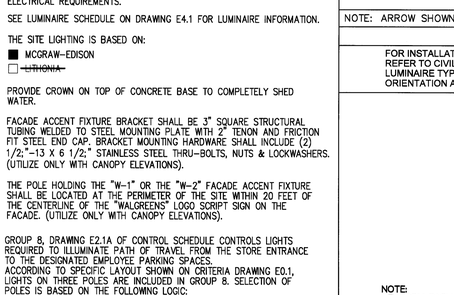


1 LIGHTING STANDARD ELEVATION
NOT TO SCALE



3 ENLARGED CROWN DETAIL
NOT TO SCALE





2 GROUNDING DETAIL FOR DAKTRONICS L.E.D. READERBOARD
NOT TO SCALE

NOTES:

A. GROUND ROD SHALL BE COPPER, MINIMUM SIZE 5/8" X 8'-0" IN LENGTH-BY ELECTRICAL CONTRACTOR.

B. GROUNDING ELECTRODE CONDUCTOR SIZE SHALL NOT BE LESS THAN #8 AWG. IT SHALL BE ATTACHED TO GROUND ROD WITH COMPRESSION TYPE CONNECTOR.

C. GROUNDING ELECTRODE CONDUCTOR SHALL BE RUN INSIDE SIGN COLUMN OR POLE (SEE DETAIL), AND TERMINATE TO THE GROUND LUG ON REAR OF DISPLAY. SEPARATE GROUNDING ELECTRODE CONDUCTOR SHALL BE PROVIDED FOR THE SECOND DISPLAY. BOTH DISPLAYS SHALL SHARE THE SAME ROD(S). FOR EXISTING INSTALLATIONS, GROUNDING ELECTRODE CONDUCTOR COULD BE RUN ENCLOSED IN A CONDUIT ALONG THE SIGN COLUMN.

D. GROUND ELECTRODE SHALL HAVE AN IMPEDANCE OF 10 OHMS OR LESS TO GROUND. MORE THAN ONE GROUND ELECTRODE MAY BE REQUIRED TO ACHIEVE THIS.

E. ALL MATERIALS AND INSTALLATION SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.

F. INSTALLATION SHALL SATISFY NEC AND LOCAL CODE REQUIREMENTS.

NOTE: MAXIMUM VALUE REPRESENTS AN UNLIKELY EVENT WHEN ALL THE PIXELS ARE ON AT THE SAME TIME. TYPICAL VALUES SHOULD BE UTILIZED FOR DEMAND CALCULATIONS.

PRIMARY PANEL ELECTRICAL DATA

	LAMPS	BALLAST	LAMPS	V.A.	CIRCUITS	PANEL, CIRCUIT#
PRIMARY PANEL	(8) F120T12 CWHO	(2) ASB-2040-24-BL (ADVANCE)	8.8	1056	(1)-20AMP, 120V	LPSP, CKT # 1, 9

LED READERBOARD PANEL ELECTRICAL DATA

	VENDORS	OPTIONS	DESCRIPTION	AMPS	VA (PER FACE)	CIRCUITS	PANEL, CIRCUIT#
LED READER-BOARD (THERE ARE TWO(2) FACES ON TYPICAL READER-BOARD)	HI-TECH	LED (OPTION #1)	3'-8" X 10'-11" GROUND SOLID RED - PHASE III	-------	1900 / 600	(2)-20 AMP, 120V (PER SIGN)	LPSP, CKT # 3 & 5
		LED (OPTION #2)	2'-8" X 8'-8" GROUND SOLID RED - PHASE III	-------	1150 / 350	(2)-20 AMP, 120V (PER SIGN)	LPSP, CKT # 3 & 5
		LED (OPTION #3)	5'-0" X 15'-4 1/2" GROUND RED	-------	4300	(2)-2/P-30AMP, 208V (PER SIGN)	LPSP, CKT # 3/5 & CKT # 9/11
		LED (OPTION #4)	2'-8" X 5'-9" - RED BLADE	-------	750 / 250	(1)-20 AMP, 120V (PER SIGN)	LPSP, CKT # 3

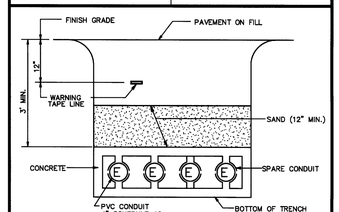
ONLY APPLICABLE OPTION SHALL BE SHOWN ON CONSULTANT DRAWING.

MOESER & ASSOCIATES
206 AYER ROAD HARVARD, MA 978-456-6905
ARCHITECT

DRAWINGS/SPECIFICATIONS BY:
- ☐ WALGREENS'
- ■ LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:
- ☐ WALGREENS' CONTRACTOR
- ■ LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW	■	NEW	■
REMODELING	☐	EXISTING	☐
RELOCATION	☐	NEW SHELL ONLY	☐
OTHERS	☐		

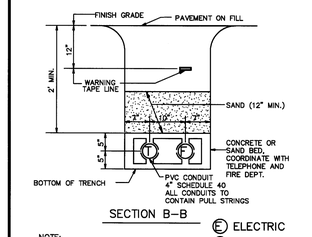


SECTION A-A

NOTE: VERIFY DETAIL WITH LOCAL UTILITY COMPANY AND FIRE DEPARTMENT.

4 ELECTRICAL TRENCH
SCALE: N.T.S.

(E) ELECTRIC
(F) FIRE ALARM
(T) TELEPHONE



SECTION B-B

NOTE: VERIFY DETAIL WITH LOCAL UTILITY COMPANY AND FIRE DEPARTMENT.

5 FIRE ALARM/TELEPHONE/CABLE TRENCH
SCALE: N.T.S.

(E) ELECTRIC
(F) FIRE ALARM
(T) TELEPHONE

NO.	DATE	BY	DESCRIPTION	CONST

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF MAINE AS SIGNIFIED BY MY HAND AND SEAL.

FISCAL 2007 CRITERIA - STORE #12325

WALGREENS
616 FOREST AVENUE
PORTLAND, MAINE

DRAWING TITLE
SITE ELECTRICAL PLAN

CADD PLOT:	SCALE: AS NOTED	DRAWING NO.
VOID PLOT:	DRAWN BY: RJV	**E0.1**
RELEASED TO CONSTRUCTION	DATE: 12-10-08	
	REVIEWED BY: SAM	