

**PROJECT TYPE**

DRAWINGS/SPECIFICATIONS BY:  
 WALGREEN'S  
 LANDLORD'S CONSULTANT  
 ALL CONSTRUCTION WORK UNLESS NOTED OTHERWISE BY:  
 LANDLORD'S CONTRACTOR  
 WALGREEN'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW	<input checked="" type="checkbox"/>	NEW	<input checked="" type="checkbox"/>
REMODELING	<input type="checkbox"/>	EXISTING	<input type="checkbox"/>
RELOCATION	<input type="checkbox"/>	NEW SHELL ONLY	<input type="checkbox"/>
OTHERS	<input type="checkbox"/>		

**BALACH ASSOCIATES**  
 1004 OUTPOST DR. #400-200-2841  
 FARMINGTON, CT 06030

**NOTE:**  
 CROSS HATCHING DENOTES ITEMS THAT ARE NOT USED. REFERENCE TO SUCH ITEMS SHALL BE DELETED FROM THE SCOPE OF WORK FOR THIS PROJECT.

**06-SP-012 APPROVED**  
**TOWN OF CARY**  
 Approved by: *[Signature]* Date: 7/27/06  
 Planning: *[Signature]* Date: 7/27/06  
 Engineering: *[Signature]* Date: 7/27/06

NO.	DATE	BY	DESCRIPTION	CONST
1	6/27/06		REVISIONS PER TOWN OF CARY	
12				
13				

**CERTIFICATION AND SEAL**

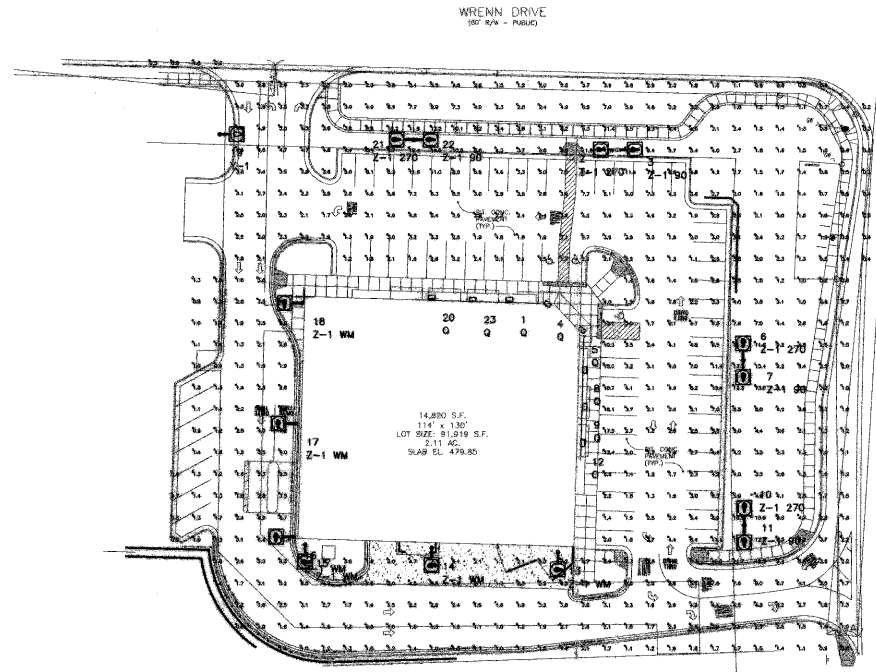
I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF NORTH CAROLINA AS SIGNIFIED BY MY HAND AND SEAL.

*[Seal: JAMES DOUGLAS EVANS ARCHITECT, PLLC, 00608]*

**STORE NO. 10541**  
 PROJECT NAME: *Walgreens*  
 WRENN DR / KILDARE FARM RD. ARCHITECT'S PROJECT CARY, NC NUMBER: 3705

**DRAWING TITLE**  
**PHOTOMETRIC CALCULATIONS**

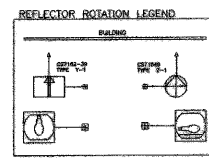
CADD PLOT: \_\_\_\_\_ SCALE: AS NOTED  
 DRAWN BY: *MMB*  
 VOID PLOT: \_\_\_\_\_ DATE: 04-21-09  
 RELEASED TO CONSTRUCTION: \_\_\_\_\_ REVIEWED BY: *LBH*



**\*\*\*\*ATTENTION\*\*\*\***

THIS LAYOUT DOES NOT MEET WALGREEN'S STANDARD SPECIFICATIONS DUE TO CITY SITE LIGHTING REQUIREMENTS.

THIS SYMBOL DENOTES THE FIXTURES WITH THE FIELD ROTATABLE OPTICS TURNED IN THE DIRECTION OF THE ARROWS. PLEASE REFER TO FIELD ROTATABLE OPTICS SCHEDULE IN FUTURE.



**PHOTOMETRIC SITE PLAN**  
 SCALE: 1" = 30'-0"

ROTATE REFLECTOR FOR CORRECT SOCKET POSITION BEFORE FIXTURE INSTALLATION

**Luminaire Schedule**

Symbol	Qty	Label	Lumens	LF	Description	Remarks
	1	Y-1	40000	0.750	WAG-CAL-400-MH-MT-ADVANCE-37-82	
	6	Q	14000	0.750	MHP-S-175	
	6	Z-1 WM	20500	0.750	WAG-CAL-250-MH-MT-ADVANCE-47-82	Wall Mounted
	4	Z-1 270	40000	0.750	WAG-CAL-400-MH-MT-ADVANCE-47-82	ROTTED 270 DEGREE
	4	Z-1 90	40000	0.750	WAG-CAL-400-MH-MT-ADVANCE-47-82	ROTTED 90 DEGREE

**Numeric Summary**

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	# Ft	FCGR	FCGRh
Area @ Grade Level	Illuminance	Fc	3.67	18.7	0.2	18.35	93.50	637	10	10

**Statistical Area Summary**

Label	Avg	Max	Min	Avg/Min	Max/Min
Illuminance	3.51	18.7	0.8	3.69	20.76

**Luminaire Location Summary**

SegNo	Label	X	Y	Z	Offset	TR
1	Q	176	180	12.5	90	0
2	Z-1 270	226.111	265	32	0	0
3	Z-1 90	225.111	255	32	180	0
4	Q	193	183	12.5	53.13	0
5	Q	209	171	12.5	53.13	0
6	Z-1 270	284.041	157.408	32	270	0
7	Z-1 90	284.041	157.408	32	90	0
8	Q	210	153	12.5	6	0
9	Q	210	136	12.5	0	0
10	Z-1 270	266.206	72.005	32	270	0
11	Z-1 90	266.206	72.005	32	90	0
12	Q	309	110	12.5	0	0
13	Z-1 WM	188.397	0	20	270	0
14	Z-1 WM	140.059	71	20	270	0
15	Z-1 WM	81.468	72.465	20	270	0
16	Z-1 WM	76	70	20	180	0
17	Z-1 WM	77	129	20	150	0
18	Z-1 WM	80	104	20	120	0
19	Y-1	41.918	292	32	0	0
20	Q	140	186	12.5	90	0
21	Z-1 270	131.655	259.262	32	0	0
22	Z-1 90	131.655	259.262	32	150	0
23	Q	159	185	12.5	90	0

Total Quantity = 23

