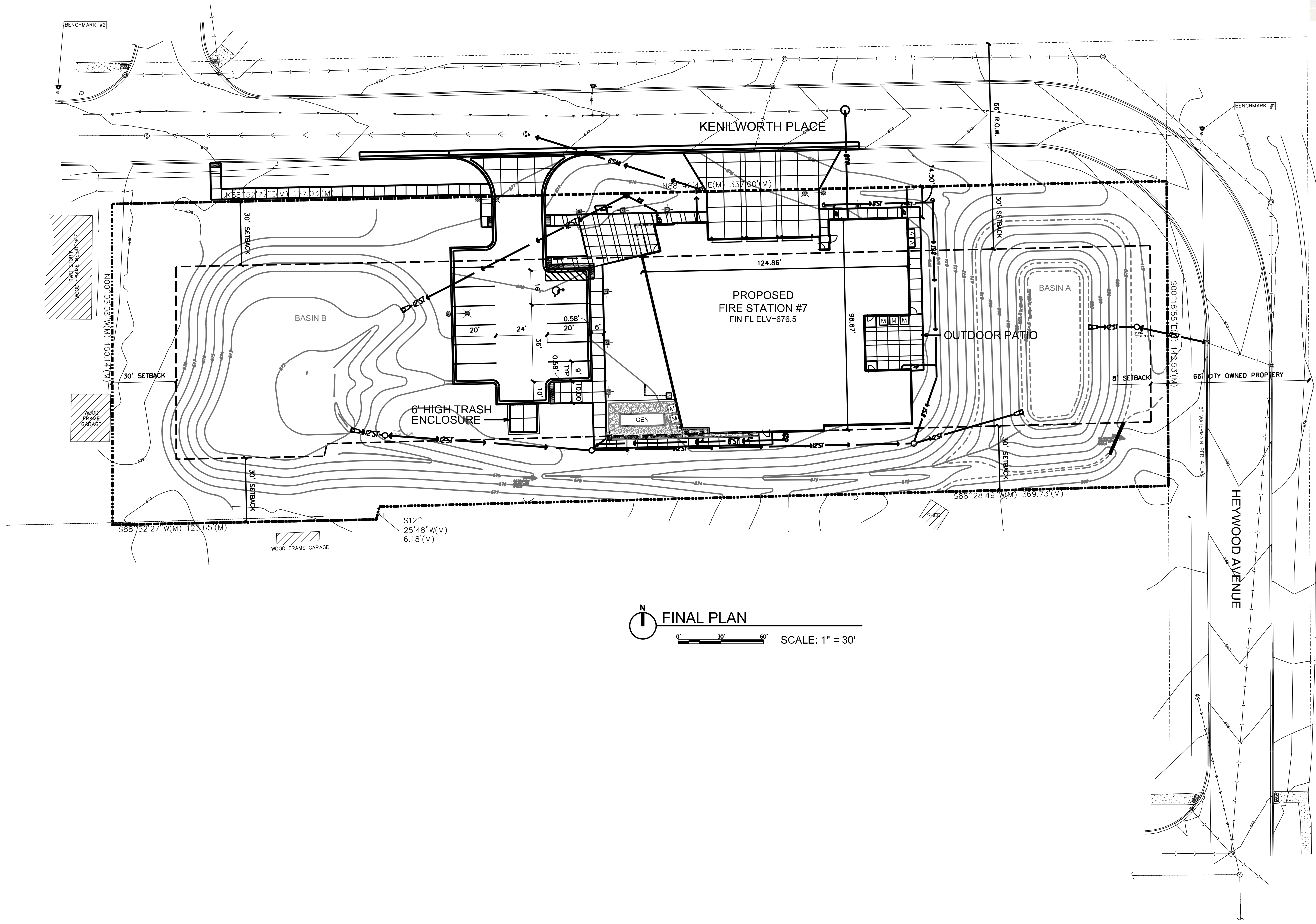


LOCATION MAP

FINAL PLAN
for
AURORA FIRE STATION #7

PROPOSED SITE LEGEND			
[Symbol]	CONTOURS	[Symbol]	STORM MANHOLE
[Symbol]	SWALE	[Symbol]	STORM INLET
[Symbol]	6" OR 8" CONCRETE PAVEMENT	[Symbol]	CURB INLET
[Symbol]	5" CONCRETE SIDEWALK	[Symbol]	CONC FLARED END SECTION
[Symbol]	3" ASPHALT PAVEMENT	[Symbol]	YARD CLEANOUT
[Symbol]	CONCRETE CURB & GUTTER	[Symbol]	SPOT ELEVATION
[Symbol]	TIPPED OUT GUTTER (TOG)	[Symbol]	TOP OF CURB ELEVATION
[Symbol]	DETECTABLE WARNING	[Symbol]	GUTTER ELEVATION
[Symbol]	STORM SEWER	[Symbol]	PROPOSED LIGHT POLE
[Symbol]	SANITARY SEWER SERVICE	[Symbol]	PROPOSED LIGHT BOLLARD
[Symbol]	DI WATER SERVICE		



FINAL PLAN
SCALE: 1" = 30'

AURORA FIRE DEPARTMENT
AURORA FIRE STATION #7
824 KENILWORTH AVENUE, AURORA, ILLINOIS 60506
ZONING SUBMITTAL

SEAL

SEAL

SCALE

NO.	DESCRIPTION	DATE

REVISIONS
DRAWN BY: GJR
APPROVED BY: GJR
CHECKED BY: GJR
DATE: 02/07/17

TITLE
FINAL PLAN
for
AURORA FIRE STATION #7

PROJECT NO. 50074101

FP

SHEET NO.

Development Data Table: Final Plan					
Description	Value	Unit	Description	Value	Unit
a) Tax/Parcel Identification Number(s) (PINs):			l) Total Number of Residential Dwelling Units	0	units
0			i. Gross Density	0.00	du/acre
			ii. Net Density	0.00	Net Density
			k) Number of Single Family Dwelling Units	0	units
b) Proposed land use(s):			i. Gross Density	0.00	du/acre
Fire Station			ii. Net Density	0.00	Net Density
			iii. Unit Square Footage (average)	-	square feet
			iv. Bedroom Mx	0%	% 1 bdr
c) Total Property Size	1.6449541	Acres	v. Number of Single Family Corner Lots	0	units
	71,656	Square Feet	i. Gross Density	0.00	du/acre
	19,962	Square Feet	ii. Net Density	0.00	Net Density
d) Total Lot Coverage	28%	Percent	iii. Unit Square Footage (average)	-	square feet
(buildings and pavement)			iv. Bedroom Mx	0%	% 1 bdr
e) Open space / landscaping	51,694	Square Feet	v. Number of Single Family Attached Dwelling Units	0	units
	72%	Percent	i. Gross Density	0.00	du/acre
f) Land to be dedicated to the School District	0	Acres	ii. Net Density	0.00	Net Density
g) Land to be dedicated to the Park District	0	Acres	iii. Unit Square Footage (average)	-	square feet
h) Number of parking spaces provided (individually accessible)	12	spaces	iv. Bedroom Mx	0%	% 1 bdr
i. surface parking lot	12	spaces	i. Gross Density	0.00	du/acre
perpendicular	11	spaces	ii. Net Density	0.00	Net Density
parallel	0	spaces	iii. Unit Square Footage (average)	-	square feet
angled	0	spaces	iv. Bedroom Mx	0%	% 1 bdr
handicapped	1	spaces	m) Number of Multifamily Dwelling Units	0	units
ii. enclosed	0	spaces	i. Gross Density	0.00	du/acre
iii. bike	0	racks	ii. Net Density	0.00	Net Density
i) Number of buildings	1		iii. Unit Square Footage (average)	-	square feet
i. Number of stories	1	stories	iv. Bedroom Mx	0%	Efficiency
ii. Building Square Footage (typical)	10,826	square feet	i. Gross Density	0.00	du/acre
iii. Square Footage of retail floor area	6	square feet	ii. Net Density	0.00	Net Density
iv. First Floor Building Square Footage (typical)	10,525	square feet	iii. Unit Square Footage (average)	-	square feet
			iv. Bedroom Mx	0%	% 1 bdr
			v. Efficiency	40%	% 1 bdr
			vi. Efficiency	50%	% 2 bdr
			vii. Efficiency	10%	% 3 bdr

11/14/2016 2:41:35 PM

Catalog #	GLEONAF-02-LED-E1-TF4	Type	OA1
Project	Aurora Fire Station #7		
Comments		Date	
Prepared by	Dewberry Engineers, Inc.	03/24/17	



**GLEON
GALLEON LED**

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

Type: **OB1**
BEGA Product: **99560**
Project: **Aurora Fire Station #7**
Voltage: **120**
Color: **Bronze**
Options:
Modified:



Project:	Aurora Fire Station #7	Type:	OL1
Prepared By:	Dewberry Engineers, Inc.	Date:	03/24/17

Driver Info	LED Info
Type: Constant Current	Watts: 26W
120V: 0.21A	Color Temp: 5000K
208V: 0.15A	Color Accuracy: 90 CRI
240V: 0.13A	L70 L80eqn: 100000
277V: 0.11A	Lumens: 2062
Input Watts: 27W	Efficiency: 100 LPW
Efficiency: 98%	

LUMINIS WB1		CL315/CL325/CL345 SERIES		LumiSTIK - LED			
WB1-G		PROJECT: Aurora Fire Station #7					
TYPE	WB1-R	QUANTITY					
CATALOG NUMBER	CL325	E112W30	120	BRONZE	OPTION G-FIXED GREEN LENS	OPTION R-FIXED RED LENS	OPTION OPTION



PV – Pivot® LED | TYPE **WB3**

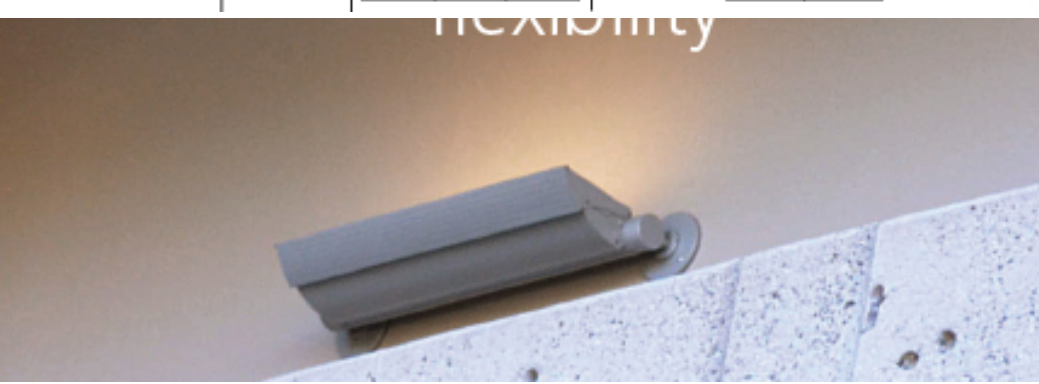
- Uses the same fixture modules for individual or continuous row applications
- Applications include floodlighting, sign lighting, indirect lighting
- Orient as an uplight or downlight
- Wet location for exterior use in any orientation
- Continuous rows feature an unbroken wash of light with no shadows at the fixture connections
- 3000K, 4000K and 5000K CCT
- 0-10V dimming ready
- Integral surge protection
- IP65
- Powder coat finish in thirteen standard colors with a polymer primer
- DLC QPL pending

1. LUMINAIRE
PV-2840D

2. COLOR
BRONZE

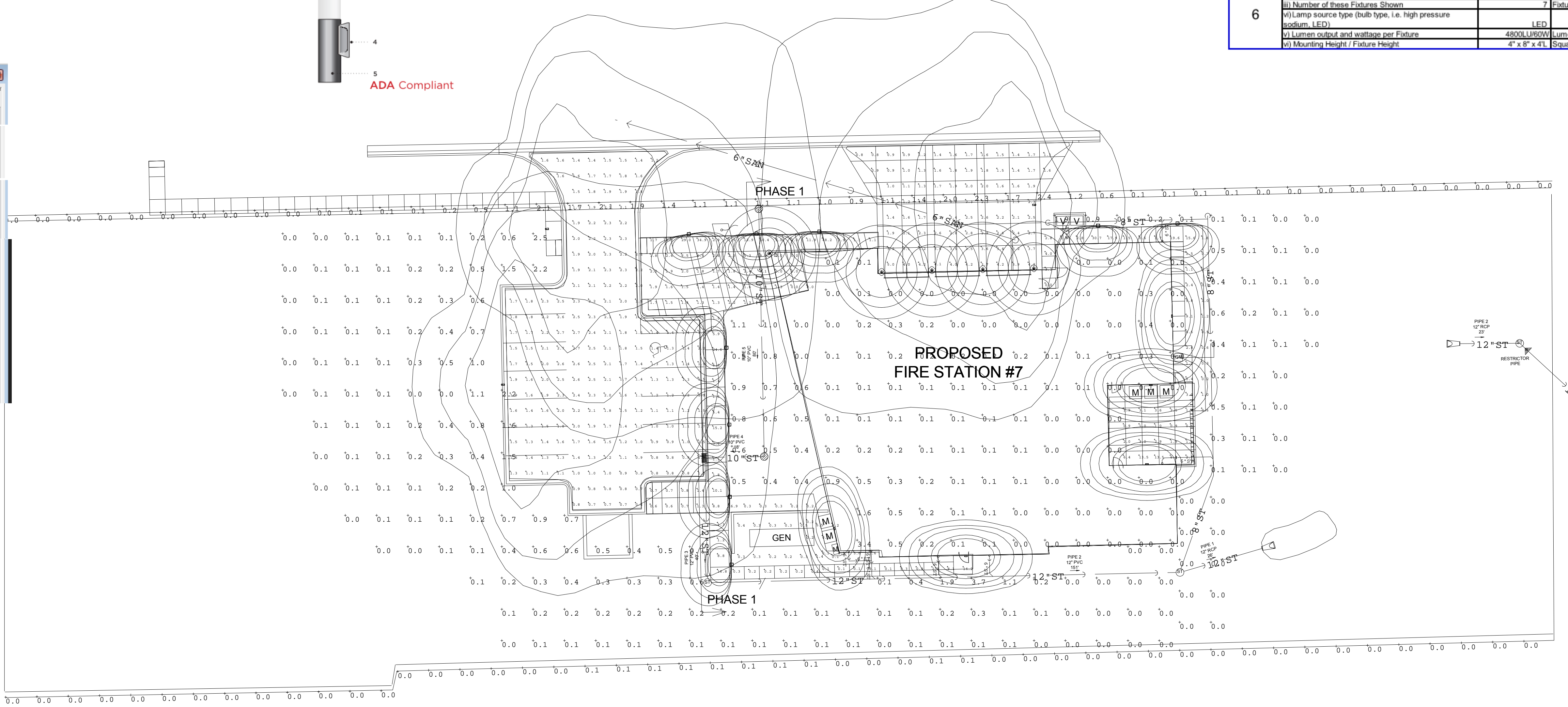
3. MOUNTING
HB

4. OPTIONS



Photometric Data Table		
Description	Value	Unit
Total proposed external lumens	116,880	Lumens
Total square footage of area to be illuminated	7,900	Square Feet
Fixture #	Description	Value
1	i) Type of Fixture (i.e. Pole, Wall Mounted)	OA1/Pole
	ii) manufacturer and model number(s)	Eaton #GLEON
	iii) Number of these Fixtures Shown	3
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	12500LU/107W
	vi) Mounting Height / Fixture Height	23 Feet
2	i) Type of Fixture (i.e. Pole, Wall Mounted)	OB1/Bollard
	ii) manufacturer and model number(s)	Bega #99560
	iii) Number of these Fixtures Shown	9
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	1000LU/26W
	vi) Mounting Height / Fixture Height	4 Square Feet
3	i) Type of Fixture (i.e. Pole, Wall Mounted)	OL1/Flagpole Light
	ii) manufacturer and model number(s)	RAB #HSLD
	iii) Number of these Fixtures Shown	2
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	2340LU/26W
	vi) Mounting Height / Fixture Height	9 Square Feet
4	i) Type of Fixture (i.e. Pole, Wall Mounted)	Wall
	ii) manufacturer and model number(s)	Luminis - CL325
	iii) Number of these Fixtures Shown	6
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	2250LU/30W
	vi) Mounting Height / Fixture Height	54 Square Feet
5	i) Type of Fixture (i.e. Pole, Wall Mounted)	Wall
	ii) manufacturer and model number(s)	Bega #33243
	iii) Number of these Fixtures Shown	6
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	3100LU/45W
	vi) Mounting Height / Fixture Height	11" x 11" x 6" d Square Feet
6	i) Type of Fixture (i.e. Pole, Wall Mounted)	Wall
	ii) manufacturer and model number(s)	AAL #PV-series
	iii) Number of these Fixtures Shown	7
	iv) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED
	v) Lumen output and wattage per Fixture	4800LU/60W
	vi) Mounting Height / Fixture Height	4" x 8" x 4L Square Feet

Statistics	
Project 1	
Calc Pts	
Driveway_Planar	Illuminance (Fc) Average=2.24 Maximum=5.0 Minimum=0.8 Avg/Min=2.80 Max/Min=6.25
new side walk	Illuminance (Fc) Average=2.96 Maximum=16.8 Minimum=0.2 Avg/Min=14.80 Max/Min=84.00
Parking Lot_Planar	Illuminance (Fc) Average=1.65 Maximum=2.7 Minimum=0.6 Avg/Min=2.75 Max/Min=4.50
Side Walk_Planar	Illuminance (Fc) Average=4.43 Maximum=50.4 Minimum=0.0 Avg/Min=N.A. Max/Min=N.A.
Side Walk 1_Planar	Illuminance (Fc) Average=3.90 Maximum=30.7 Minimum=0.0 Avg/Min=N.A. Max/Min=N.A.



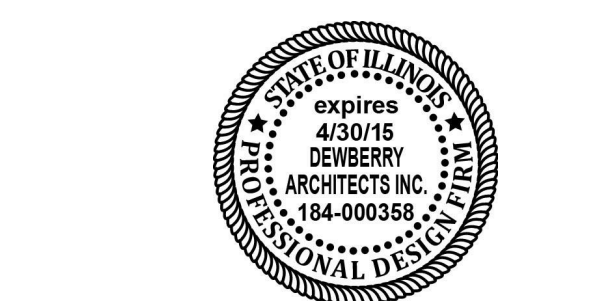
Dewberry

DEWBERRY ARCHITECTS INC.

25 S. GROVE AVE.
SUITE 500
ELGIN, ILLINOIS 60120
847.695.5840 Phone
847.695.6579 Fax

AURORA FIRE DEPARTMENT
AURORA FIRE STATION #7
 824 KENILWORTH AVENUE, AURORA, ILLINOIS 60506

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION



SCALE

1" = 20'-0"

No.	Description	Date

REVISIONS

DRAWN BY _____ RLB

APPROVED BY _____ JMP

CHECKED BY _____ JMP

DATE _____ 01/19/17

TITLE

SITE PLAN - PHOTOMETRICS

PROJECT NO. 50074101

E-102

SHEET NO.