

It is expected that a Quorum of the Board of Public Works, Park Board, Administration Committee, and/or Common Council may attend this meeting: (although it is not expected that any official action of any of those bodies will be taken)

**CITY OF MENASHA
PLAN COMMISSION
Council Chambers
140 Main Street, Menasha**

**July 22, 2014
3:30 PM**

AGENDA

3:30 PM – Public Hearing Regarding the Special Use Permit Application for 198 River Street, Parcel Numbers 3-00198-00, 3-00915-00 and 3-00927-00.

A. CALL TO ORDER

B. ROLL CALL/EXCUSED ABSENCES

C. MINUTES TO APPROVE

1. [Minutes of the July 8, 2014 Plan Commission Meeting](#)

D. PUBLIC COMMENT ON ANY ITEM OF CONCERN ON THIS AGENDA

Five (5) minute time limit for each person

E. DISCUSSION

1. [Potential Changes to Setbacks From and Design of Drainage Ways](#)

F. ACTION ITEMS

1. [Special Use Permit – 198 River Street – Simply Incredible Foods](#)
2. [Site Plan Review – Sixth and Racine Street – Boys and Girls Club](#)
3. Site Plan Review – Senior Center (to be received)

G. ADJOURNMENT

CITY OF MENASHA
Plan Commission
Council Chambers, City Hall – 140 Main Street
July 8, 2014
DRAFT MINUTES

A. CALL TO ORDER

The meeting was called to order at 3:34 PM by Mayor Merkes.

B. ROLL CALL/EXCUSED ABSENCES

PLAN COMMISSION MEMBERS PRESENT: Mayor Merkes, Ald. Kevin Benner, DPW Radtke and Commissioners Sturm, DeCoster and Cruickshank.

PLAN COMMISSION MEMBERS EXCUSED: Commissioner Schmidt

PLAN COMMISSION MEMBERS ABSENT:

OTHERS PRESENT: CDD Keil and PP Homan.

3:30 PM – Public Hearing Regarding Proposed Rezoning of 754 and 758 Racine Street, Parcel Numbers 1-00573-00 and 1-00574-00.

Mayer Merkes opened the public hearing at 3:34 PM.

No one spoke.

The hearing was closed at 3:35 PM.

3:35 PM – Public Hearing Regarding Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Permitted Uses.

Mayer Merkes opened the public hearing at 3:35 PM.

No one spoke.

The hearing was closed at 3:40 PM.

3:40 PM – Public Hearing Regarding Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Article M, Definitions.

Mayer Merkes opened the public hearing at 3:40 PM.

No one spoke.

The hearing was closed at 3:45 PM.

3:45 PM – Public Hearing Regarding Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Off Street Parking.

Mayer Merkes opened the public hearing at 3:45 PM.

No one spoke.

The hearing was closed at 3:55 PM.

C. MINUTES TO APPROVE

1. Minutes of the June 17, 2014 Plan Commission Meeting

Motion by DPW Radtke, seconded by Comm. DeCoster to approve the June 17, 2014 Plan

Commission meeting minutes. The motion carried.

D. PUBLIC COMMENT ON ANY ITEM OF CONCERN ON THIS AGENDA

1. No one spoke.

E. DISCUSSION

1. **One Building per Lot:** The general provisions section of the zoning ordinance contains a limitation on structures to one main building per lot. Staff are of the opinion that this provision is intended for one and two family residential properties, and recommend the ordinance be amended to allow multiple buildings per lot for commercial, industrial and multi-family districts to promote campus-type settings. It was the consensus of commissioner's that staff should bring back an ordinance amendment that would allow multiple buildings on parcels zoned other than one or two family residential.
2. **Rezoning of Vacant Parcels:** Staff requested input from the Plan Commission regarding the creation of a policy whereby vacant parcels and those containing two or multifamily uses which had lost their legal non-conforming status would be rezoned to a R-1 Single Family classification, provided R-1 was the predominant zoning classification in proximity to the subject property. Commissioners discussed what the criteria might be to determine "predominant" and "proximity", and implications such a policy would have on land use and neighborhood character.

Motion by Comm. DeCoster, seconded by Comm. Sturm to recommend the development of a policy for the rezoning of properties as described above. The motion carried.

F. ACTION ITEMS

1. **Proposed Rezoning of 754 and 758 Racine Street – Parcel Numbers 1-00573-00 and 1-00574-00**
PP Homan described the proposed rezoning of the above-referenced parcels from R-2 Two Family Residential and C-1 General Commercial to R-1 Single Family Residential. The rezoning would make the zoning of these parcels consistent with the zoning of the other parcels comprising the Menasha High School site.

Motion by Comm. DeCoster, seconded by Comm. Sturm to recommend approval of the proposed rezoning of 754 and 758 Racine Street, respectively, from R-2 Two Family Residential and C-1 General Commercial to R-1 Single Family Residential. The motion carried.

2. Zoning Modifications Relating to Regulating Short Term Rentals
 - a. **Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Permitted Uses**

Motion by DPW Radtke, seconded by Comm. Cruickshank to approve the proposed ordinance changes relative to permitted uses as presented. The motion carried.
 - b. **Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Article M, Definitions**

Motion by DPW Radtke, seconded by Ald. Benner to approve the proposed ordinance changes pertaining to Article M, Definitions as presented. The motion carried.
 - c. **Proposed Amendments to Title 13 of the Menasha Code of Ordinances pertaining to Off Street Parking**

Motion by DPW Radtke, seconded by Comm. Cruickshank to approve the proposed ordinance changes pertaining to off street parking as presented. The motion carried.
3. **Annexation – Kay V. Burroughs Trust – Impact Report to Common Council**
PP Homan described the parcels included in the annexation petition and their expected future

uses. Motion by Comm. Sturm, seconded by DPW Radtke to recommend approval of the annexation to the to the Common Council with a zoning classification for Parcel A of R-1, Single Family Residence District and of Parcel B to C-1, General Commercial District with findings that the annexation is consistent with City of Menasha Comprehensive Plan and the boundary agreement between the City and Town of Menasha and with a further finding that the annexation will have a positive impact on the city. The motion carried.

H. ADJOURNMENT

Motion by Ald. Benner, seconded by DPW Radtke, to adjourn at 4:35 PM. The motion carried.

Minutes respectfully submitted by CDD Keil.

ORDINANCE O-__-14

AN ORDINANCE RELATING TO ELIMINATING SETBACKS FROM DRAINAGE EASEMENTS

Introduced by _____ at the recommendation of the Plan Commission.

The Common Council of the City of Menasha does ordain as follows:

SECTION 1: Article B, SEC.13-1-14(k) is repealed:

~~(k) — No principal structure or accessory structure erected after June 1, 2009 shall be placed within ten (10) feet of a dedicated drainage easement.~~

SECTION 2: This ordinance shall become effective upon its passage and publication as provided by law.

Passed and approved this ____ day of August, 2014.

Donald Merkes, Mayor

ATTEST:

Deborah A. Galeazzi, City Clerk

ORDINANCE O-__-14

AN ORDINANCE RELATING TO DRAINAGE WAY DESIGN FOR SUBDIVISIONS

Introduced by _____ at the recommendation of the Plan Commission.

The Common Council of the City of Menasha does ordain as follows:

SECTION 1: Chapter 1, SEC.14-1-11(b)(3) is amended as follows:

(b) DRAINAGE SYSTEM PLANS.

(1) The subdivider shall submit to the City Engineer and Plan Commission a report on the ability of existing watercourse channels, storm sewers, culverts and other improvements pertaining to drainage or flood control within the subdivision to handle the additional runoff which would be generated by the development of the land within the subdivision. Additional information shall be submitted to adequately indicate that provision has been made for disposal of surface water without any damage to the developed or undeveloped land downstream or below the proposed subdivision. The report shall also include:

- a. Estimates of the quantity of storm water entering the subdivision naturally from areas outside the subdivision.
- b. Quantities of flow at each inlet or culvert.
- c. Location, sizes and grades of required culverts, storm drainage sewers and other required appurtenances.

(2) A grading plan for the streets, blocks and lots shall be submitted by the subdivider for the area within the subdivision.

(3) The design criteria for storm drainage systems shall be based upon information provided by the City Engineer, which includes but is not limited to the following:

- a. Open channel drainage ways with design flows exceeding 25 cfs for a 10 year recurrence storm event require special consideration for an increased easement width to ensure adequate building setback from high water flows.

(4) Material and construction specifications for all drainage projects (i.e., pipe, culverts, seed, sod, etc.) shall be in compliance with specifications provided by the Common Council or City Engineer.

SECTION 2: This ordinance shall become effective upon its passage and publication as provided by law.

Passed and approved this ____ day of August, 2014.

Donald Merkes, Mayor

ATTEST:

Deborah A. Galeazzi, City Clerk

City of Menasha
SPECIAL ZONING APPROVAL

Owner Simply Incredible Foods, LLC.

Case or Plan No. _____

Address 198 River Street

Fee \$ 350.00

Applicant (if different than Owner) Keller, Inc.

Address N216 State Road 55, PO Box 620, Kaukauna, WI 54130-0620

Zoning I-2

Parcel Number(s) 3-00918-00, 3-00915-00, 3-00927-00

PLEASE INDICATE WHICH REQUEST IS BEING MADE

- Rezoning Special Use Flood Plain Map Amendment
 Appeal or Variance PUD Plan Approval

Description of Request: Phase I of site improvements located at 198 River Street.
Phase I includes remodeling a portion of the existing building and site
improvements.

Owner/Agent Weston T. Zuleiga Keller, Inc.
Signature

(If applicable) Formal Hearing _____

Informal Hearing _____ Notice Mailed _____

Notice Mailed _____ Notice Mailed _____

Action Taken: _____ 20__

APPROVED DENIED

Conditions (if any): _____



July 15, 2014

RE: Special Use Permit Application for 198 River Street

Dear Property Owner:

Keller, Inc., Agent for Simply Incredible Foods, LLC, Owner, has applied for a Special Use Permit for 198 River Street (which includes parcel numbers 3-00918-00, 3-00927-00 and 3-00915-00). The applicant has requested a Special Use Permit to establish industrial food production at the site. The subject site is zoned I-2 General Industrial District and requires a Special Use Permit due to zoning non-conformities on the property, per Sec. 13-1-44(b)(2) of the City of Menasha Municipal Code.

The City of Menasha Plan Commission will be considering this request at an informal public hearing on Tuesday, July 22, 2014 at 3:30 p.m. or shortly thereafter in the City Hall Council Chambers at 140 Main Street, Menasha.

The City of Menasha Common Council will also be considering this request at a formal public hearing scheduled for Monday, August 4, 2014 at 6:00 p.m. or shortly thereafter in the City Hall Council Chambers, 140 Main Street, Menasha. A copy of the notice of the Common Council hearing on this proposal is attached along with an area map identifying the location of the property.

Persons interested in this matter will be given an opportunity to comment on the request; written comments will also be considered. The City of Menasha is notifying you because you own property within one hundred (100) feet of the proposed special use. If you have any questions, please contact me.

Sincerely,

Kristi Heim
Community Development Coordinator

C: Plan Commission
City Clerk Galeazzi

**City of Menasha
Public Hearings**

NOTICE IS HEREBY GIVEN that public hearings will be held by the Menasha Plan Commission and Common Council on an application for a Special Use Permit by Keller, Inc., Agent for Simply Incredible Foods, LLC, Owner, to establish industrial food production on a property with zoning non-conformities in the I-2 General Industrial District, as required by Sec. 13-1-44(b)(2) of the City of Menasha Municipal Code. The proposed use is to take place at 198 River Street (which includes Parcel Numbers 3-00918-00, 3-00927-00 and 3-00915-00), City of Menasha, Winnebago County, Wisconsin. The Plan Commission will hold its informal public hearing on Tuesday, July 22, 2014 at 3:30 PM, or shortly thereafter, in the Council Chambers of Menasha City Hall located at 140 Main Street, Menasha, WI 54952. The Common Council will hold its formal public hearing on this matter at 6:00 PM, or shortly thereafter, on Monday, August 4, 2014 at the same location. All persons interested in commenting on the application for this Special Use Permit are invited to attend.

Deborah A. Galeazzi, WCMC
City Clerk

Run: July 19 & August 1, 2014



**Special Use Permit Location
Proposed Industrial Food
Production Facility
198 River Street**

Legend



 Parcels Proposed in Special Use Permit:
Parcel ID# 3-00918-00,
3-00927-00 & 3-00915-00



Keller
 PLANNERS | ARCHITECTS | BUILDERS

FOX CITIES
 N216 State Road 55
 P.O. Box 620
 Kaukauna, WI 54130
 PHONE (920) 766-5795
 1-800-236-2334
 FAX (920) 766-5004

MADISON
 211 Lois Dr.
 Sun Prairie, WI 53590
 PHONE (608) 318-2336
 FAX (608) 318-2337

MILWAUKEE
 W177N856 Rivercrest Dr.
 Suite 104
 Germantown, WI 53022
 PHONE (262) 250-9710
 FAX (262) 250-9740

WAUSAU
 5605 Lisc Ave.
 Wausau, WI 54401
 PHONE (715) 849-3141
 FAX (715) 849-3181

www.kellerbuilds.com

PROPOSED FOR:
SIMPLY INCREDIBLE FOODS
 MENASHA,
 WISCONSIN

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CONCEPTUAL SITE PLAN
 1" = 40'-0"

THE LOT DIMENSIONS AND BEARINGS SHOWN ON THIS PLAN ARE INTERPRETED VALUES. FOLLOW UP INVESTIGATION WITH STATE AND LOCAL AUTHORITIES AND/OR WITH CERTIFIED SURVEY MAP DATA WHEN AVAILABLE IS REQUIRED.

PROPOSED FOR:

SIMPLY INCREDIBLE FOODS

MENASHA,

WISCONSIN

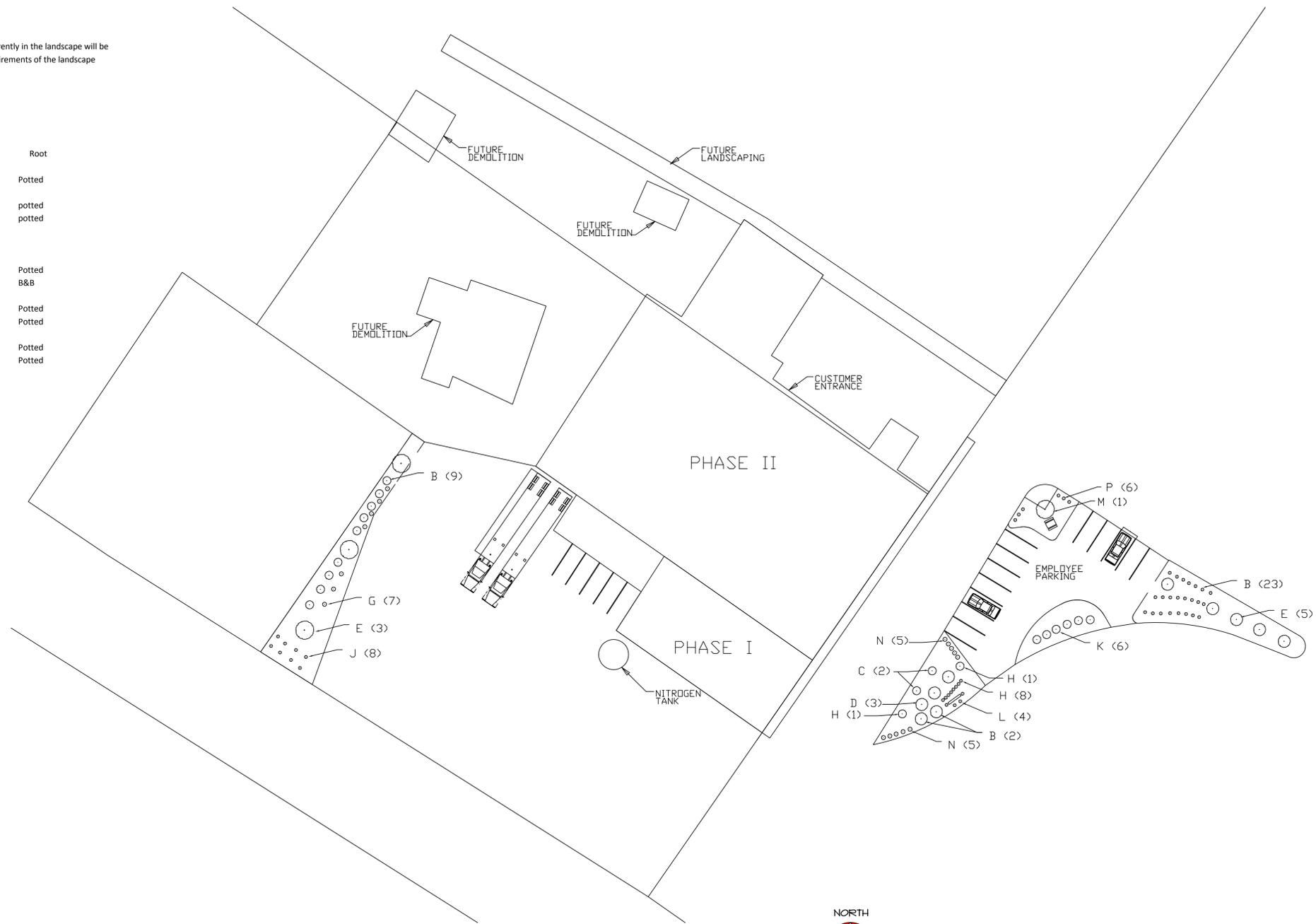
PRELIMINARY - NOT FOR CONSTRUCTION

REVISIONS	
PROJECT MANAGER:	W. ZULEGER
DESIGNER:	
DRAWN BY:	CDT
EXPEDITOR:	
SUPERVISOR:	
PRELIMINARY NO.:	
CONTRACT NO.:	
DATE:	6.9.2014
SHEET:	C1.0

1. The following chart is a comprehensive list of all plants on-site after the planting is completed. Every plant currently in the landscape will be reutilized. A total of 48 new plants need to be planted to complete the Phase I landscape plan and meet the requirements of the landscape zoning code for the City of Menasha.

SIMPLY INCREDIBLE FOODS
198 River Street, Menasha Wisconsin
Phase I Landscape Plan July 2014

Quantity	Letter	Botanical Name	Common Name	size	Mature Size	Root
Evergreen Shrubs						
9	B	Juniperus chinensis	Sea Green Juniper	#5	5'	Potted
	K	Juniperus scopulorum	Blue Juniper		15'	
4	L	Juniperus squamata	Blue Star Rug Juniper	#5	3'	potted
10	N	Berberis thunbergii	Crimson Pigmy Barberry	#5	4'	potted
Deciduous Trees						
	C	Acer ginnala	Amur Maple		15'-20'	
	D	Malus spp	Crabapple	1.5"	6'	
3	E	Syringa reticulata 'Snow Dance'	Snowdance Tree Lilac	1.5"	20'	Potted
1	M	Acer Rubrum 'Autumn Blaze'	Red Maple 'Autumn Blaze'	1.5"	30'	B&B
Deciduous Shrubs						
7	G	Spiraea x bumalda 'Goldflame'	Goldflame Spirea	#3	2-3'	Potted
	H	Spiraea japonica 'Mertyann'	Dakota Goldcharm Spirea		24-30"	Potted
Perennials						
8	J	Calamagrostis acutiflora	Feather Reed Grass	#3	4-6'	Potted
6	P	Hemerocallis spp	Daylilies	#3	2'	Potted



Conceptual Landscape Layout

THE LOT DIMENSIONS AND BEARINGS SHOWN ON THIS PLAN ARE INTERPRETED VALUES. FOLLOW UP INVESTIGATION WITH STATE AND LOCAL AUTHORITIES AND/OR WITH CERTIFIED SURVEY MAP DATA WHEN AVAILABLE IS REQUIRED.

PROPOSED FOR:

SIMPLY INCREDIBLE FOODS

MENASHA,

WISCONSIN



Keller

PLANNERS | ARCHITECTS | BUILDERS

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WISCONSIN

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PRELIMINARY - NOT FOR CONSTRUCTION

REVISIONS

PROJECT MANAGER: W. ZULEGER

DESIGNER: _____

DRAWN BY: CDT

EXPEDITOR: _____

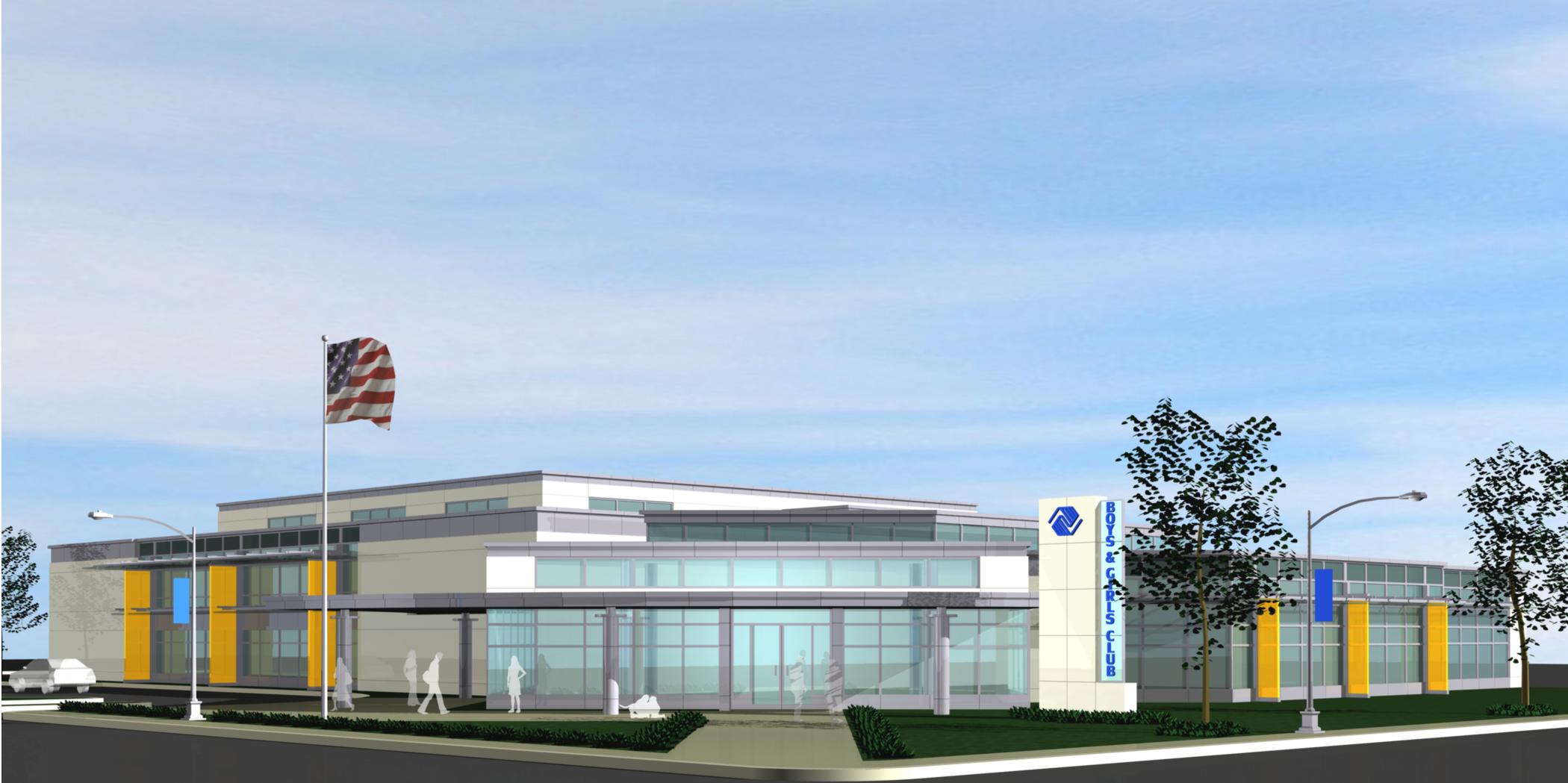
SUPERVISOR: _____

PRELIMINARY NO: _____

CONTRACT NO: _____

DATE: 6.9.2014

SHEET: **C1.0**



BOYS & GIRLS CLUB OF MENASHA



Gries
Architectural Group Inc.

Specification

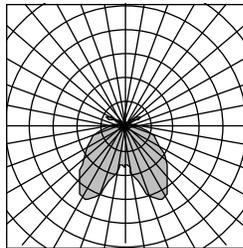
W766

All exposed cast aluminum components are made of non corrosive pure aluminum copper free (Aluminum is less than .1% copper content.#356 alloy.)
 The luminaire base assembly is built with a hinge mechanism, allowing to tilt the top part of the luminaire to access the electrical equipment. No tools required. The quick disconnect ballast assembly is installed on a removable tray. The lamp is accessible with a twist and lock action.
 The ease of maintenance and lamp replacement concept will leave the optical chamber free of finger prints and foreign particles,
 Finish: All polyester powder baked coatings preceded with a 5 baths preparation process. Meets military grade MIL-C781706 with a 2000 hours salt spray test.

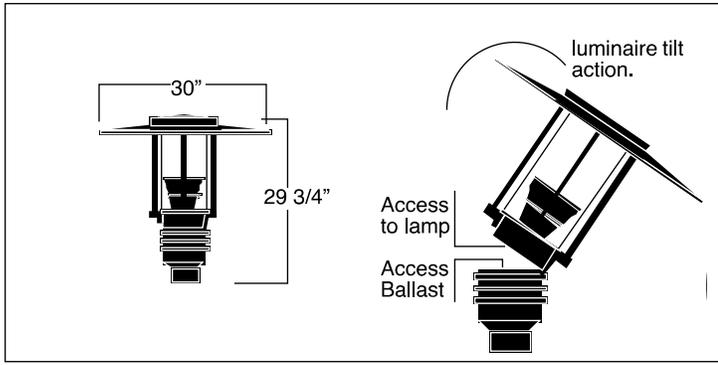
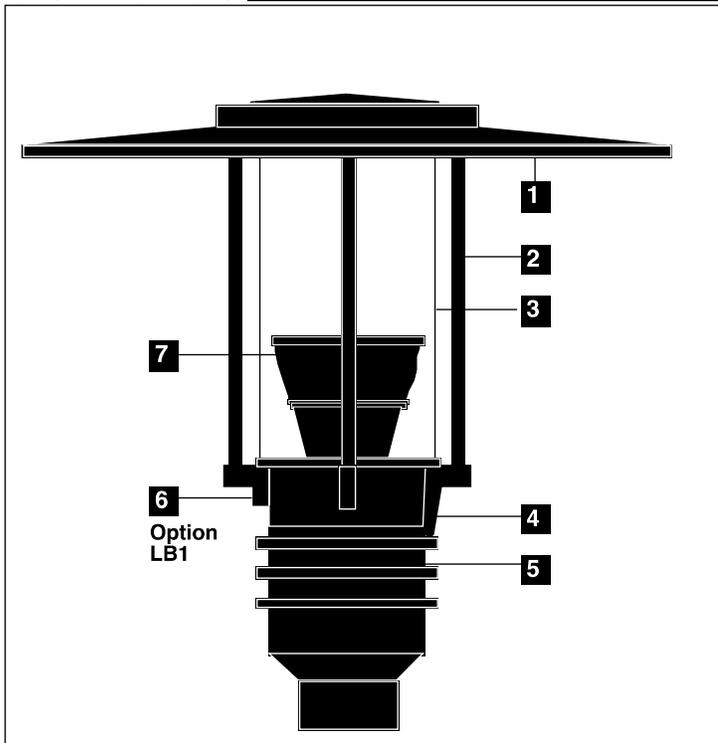
- Pulse rated medium base porcelain socket.
- One-piece molded silicone gasket with memory retention.
- High power factor CWA ballast.
- All stainless steel hardware.
- All Moving and removable parts are sealed with a memory retention silicone gasket.

- 1- Min. .093" hard aluminum shade, with underside white enamel to maximize light performance.
- 2- 1/2" dia. solid aluminum struts.
- 3- Clear U.V. protected high impact acrylic cylinder.
- 4- Cast Aluminum built-in hinge mechanism.
- 5- Cast Aluminum ballast housing with dissipation fins to maximize heat dissipation and cool operation of ballast.
- 6- Cast Aluminum swing out housing, with safety cable retainer. Push release button for quick access to electrical equipment. (No tools required for maintenance.) Button may be locked for limited access. (See option LB1)
- 7- Two piece reflector assembly with external housing same color as luminaire, and inner semi specular elliptical reflector designed to maximize light concentration uniformly over the shade reflective surface.

Photometry



Separate updated technical specification sheets with related models and light sources with I.E.S formatted photometry are available on www.luminis.com.



Certification UL. Wet Location. **Mounting & E.P.A.** E.P.A: 1.05 sq./ft Max. weight: 40 lbs.. Installation: Mounts over a 4" or 5" O.D. Pole.X 4"ø tenon.

For options details and specifications, please refer to pages 41.42.43

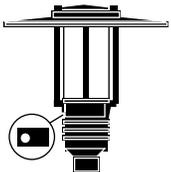
Model#	Mounting	Light source selection	Voltage	Finish	Options
<input checked="" type="checkbox"/> W766	Optional ACA1 ACW1 EC3P EC3W	MH (ED17) <input type="checkbox"/> M70 <input type="checkbox"/> M100 <input checked="" type="checkbox"/> M150 <input type="checkbox"/> M175 HPS (ED17) <input type="checkbox"/> H70 <input type="checkbox"/> H100 <input type="checkbox"/> H150	MH (G12) T6 <input type="checkbox"/> M39T <input type="checkbox"/> M70T <input type="checkbox"/> M150T 120 V Standard factory prewired (If no voltage is specified) For other voltages, please specify with catalog number. H.I.D. <input type="checkbox"/> 208 V <input type="checkbox"/> 240 V <input checked="" type="checkbox"/> 277 V <input type="checkbox"/> 347 V <input type="checkbox"/> 480 V H.I.D. G12/T6 <input type="checkbox"/> 120 V <input type="checkbox"/> 277 V	(Refer to color chart) Standard selection <input type="checkbox"/> WHT: Snow white <input type="checkbox"/> BKT: Jet black <input checked="" type="checkbox"/> BZT: Bronze <input type="checkbox"/> GRT: Titanium gray <input type="checkbox"/> DGT: Gun metal <input type="checkbox"/> CHT: Champagne <input type="checkbox"/> MST: Matte silver <input type="checkbox"/> GNT: Forest green Optional colors <input type="checkbox"/> CS: Custom color <input type="checkbox"/> RAL: RAL# color	Accessories <input type="checkbox"/> LB1: Release button lock <input type="checkbox"/> LF1: Partially frosted cylinder over lower mid portion <input type="checkbox"/> STS30: Stainless steel shade. Electrical <input type="checkbox"/> FS: Fuse <input type="checkbox"/> PH1: 120/277V photo cell <input type="checkbox"/> PH2: 347V photo cell

MODIFICATION: ELECTRONIC BALLAST

Luminaires may be altered for design improvements or discontinued without prior notice.

Push Release button lock

Option: **LB1**



For restricted access.
Locked push button.
Requires 8-32 hexagonal
key to release.

General notes:
Please specify selected option as a
suffix to luminaire model number.
ex: W614-M100-WHT-LB1
Each model is provided with a
listing of compatible options. Some
options may not be compatible
when used in the same luminaire.
Please check listings.

Reflector disc

Option: **OS**

Aluminum oblong
reflector disc.
(Factory installed)
Applicable to
W632 & W640



House side shield

Option:
**H2 For post top
luminaires**
**H1 For bollard mount
luminaires.**



Exterior white
enamel, and specular
aluminum inner
reflective surface.
The shield is inserted
and snaps inside the
diffuser.
360° on site rotation.

Slope ceiling adaptor

Option: **SW45**

45° hang straight
ball swivel
for 5/8" dia.
suspension stem.



Suspension safety cable

Option: **STC**

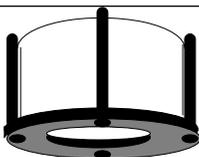
Additional safety
cable, extended
12" beyond
canopy



Adjustable down light (W780 series)

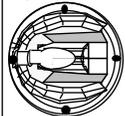
Option: **DL4**

50W / MR16 adjustable down light
Available with 120V power input. For other
voltages, please consult factory
Note: Other down light sources than shown with
option DL4 are available. Please consult factory.



Type III reflector

Option: **RF3 / RA3 / RL3 / PR3**



Type III Multifaceted
specular reflector.
(Single lamp only.)

Suspension stem

5/8" O.D. suspension stem.

STM60 60" lg.

STM80 80" lg.

For other factory cut to size length
add suffix **-STM** with desired
length to catalog# max.120"

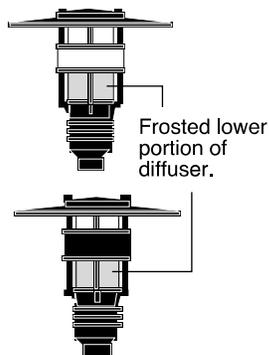


Light distribution control

-  Option: Type III light
distribution
refractor
R3
-  Option: Type IV light
distribution
refractor
R4

Semi frosted diffuser

Option: **LF1**



Frosted lower
portion of
diffuser.

Type IV reflector

Option: **RF4 / RA4 / RL4**



Type IV
Forward throw
aluminum specular
reflector. (Single
lamp only.)

Lamps & ballast compatibility

Compact Fluorescent

Lamp Watts	Lamp base
26W	G24Xq3
32W	G24Xq3
42W	G24Xq4
57W	G24Xq5
70W	G24Xq6
85W	2G8-1
120W	2G8-1

Metal halide

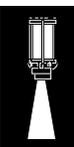
Lamp Watts	Lamp base	ANSI Code
39W	T6/G12	M130
50W	ED17	M110/M148
70W	ED17	M198/M143
70W	T6/G12	M139
100W	ED17	M90/M140
150W	ED17	M102/M142
150W	T6/G12	M142
175W	ED17	M57

Wall mount light options

Option: **DL1**
DL1-277
12V/50W MR16
Down light with integral
120/12V or 277/12V
electronic transformer.
other input voltages on
request.

Option: **DL2**
Open sealed
top cover
allowing up-
lighting

Option: **DLC**
DL1 / DL2
Combination.



Emergency battery pack

For 57w & 70w: Consult factory

EM42

One lamp:
26w: 450 Lmns..
32w: 575 Lmns.
42w: 750 Lmns.
Time: 90 Mnts -120/277V T 0° C

**Please refer to page 72 for
more details**

Fuse

Option



FS
Ballast protection fuse
Available with H.I.D.
luminaires only

Note: FS option fuse is factory
calibrated and installed with
selected wattage.

Post mount luminaires:
FS installed with pole.

All other types:
FS is installed with luminaire.

Light photo sensor

Option: **PH1** -120V
PH2 - 277 / 347V

Photo electric sensor,
factory installed with the pole
or inside fixture when pole is
not required.



Quartz lamp restrike

Option: **QRS**



Quartz restrike standby lamp kit.
When power failure is restored, it will
energize temporary Quartz lamp with
progressive dimming until full H.I.D
light output is produced.
max.100w DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

Quartz lamp restrike

Option: **QS**



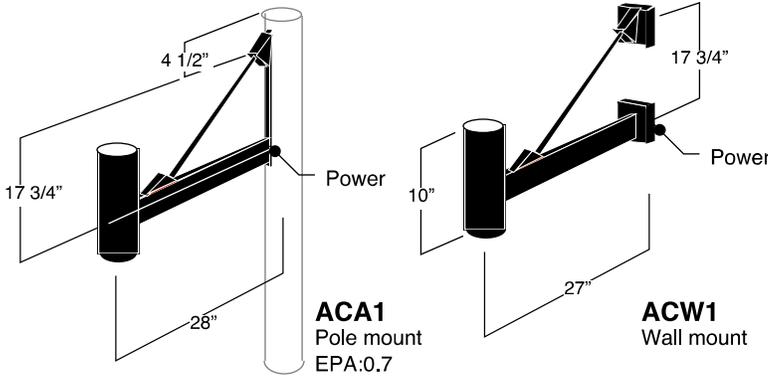
Quartz lamp socket for external 120V
emergency power input.
Separate 120V dedicated wiring is included.
max.100 W DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

Luminaires may be altered for design improvements or discontinued without prior notice.

LUMINIS [USA] - 3555 NW 53rd Court, Fort Lauderdale, FL.33309
LUMINIS [Canada] - 87 C Brunswick D.D.O. Q.C. Canada H9B 2J5

Tel: 954 .717 .4155 Fax: 954 . 717.4157
Toll free: 888 .401 .6999

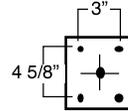
Web: www.luminis.com
Sept. 2006 Rev. Feb.2007



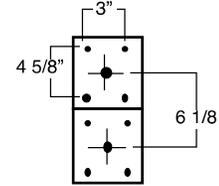
ACA1
Pole mount
EPA:0.7

ACW1
Wall mount

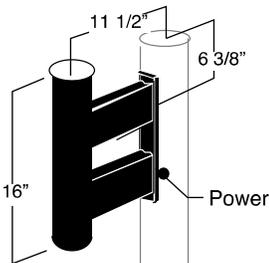
ACW1 series
Mounting



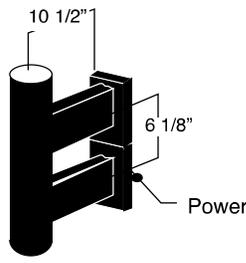
EC3W
EC3WS
series
Mounting



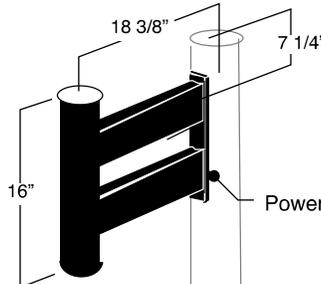
ACA1/ ACW1 -1" x 3" extruded aluminum side pole or wall mounting adaptor. 1/2" dia. stainless steel rod support. 10" x 4" o.dia. aluminum tenon.



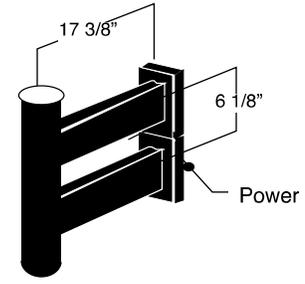
EC3PS -1" x 3" extruded aluminum twin short arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. This option is applicable only to catalog numbers with the suffix **LS** EPA:0.72



EC3WS -1" x 3" extruded aluminum twin short arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates. This option is applicable only to catalog numbers with the suffix **LS**



EC3P -1" x 3" extruded aluminum twin extended arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. EPA:0.97



EC3W -1" x 3" extruded aluminum twin extended arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates.

Please specify selected option with a suffix to the specified model number.

Ex: W624LS-EC3WS-EC5 M100-WHT

23/30" dia. aluminum double adjustable dropped shade

Set of two .093" thick hard aluminum shades factory prefixed. The underside is standard white enamel to optimize lighting performance. The set of shades can slide along the diffuser to accommodate various landscape viewing angles. Note: The distance between the two shades is fixed.

Option: **EC6** EPA:0.44
Compatible with:
ACA1 EC3P
ACW1 EC3W

30" dia. aluminum single adjustable dropped shade

.093" thick hard aluminum factory prefixed dropped shade. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

Option: **EC7** EPA:0.25
Compatible with:
ACA1 EC3P
ACW1 EC3W

18" dia. cast aluminum adjustable shade

3/16" thick cast aluminum shade for applications where heavy traffic requires indestructible materials. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

Option: **EC5** EPA:0.26
Compatible with:
ACA1 EC3P EC3PS
ACW1 EC3W EC3WS

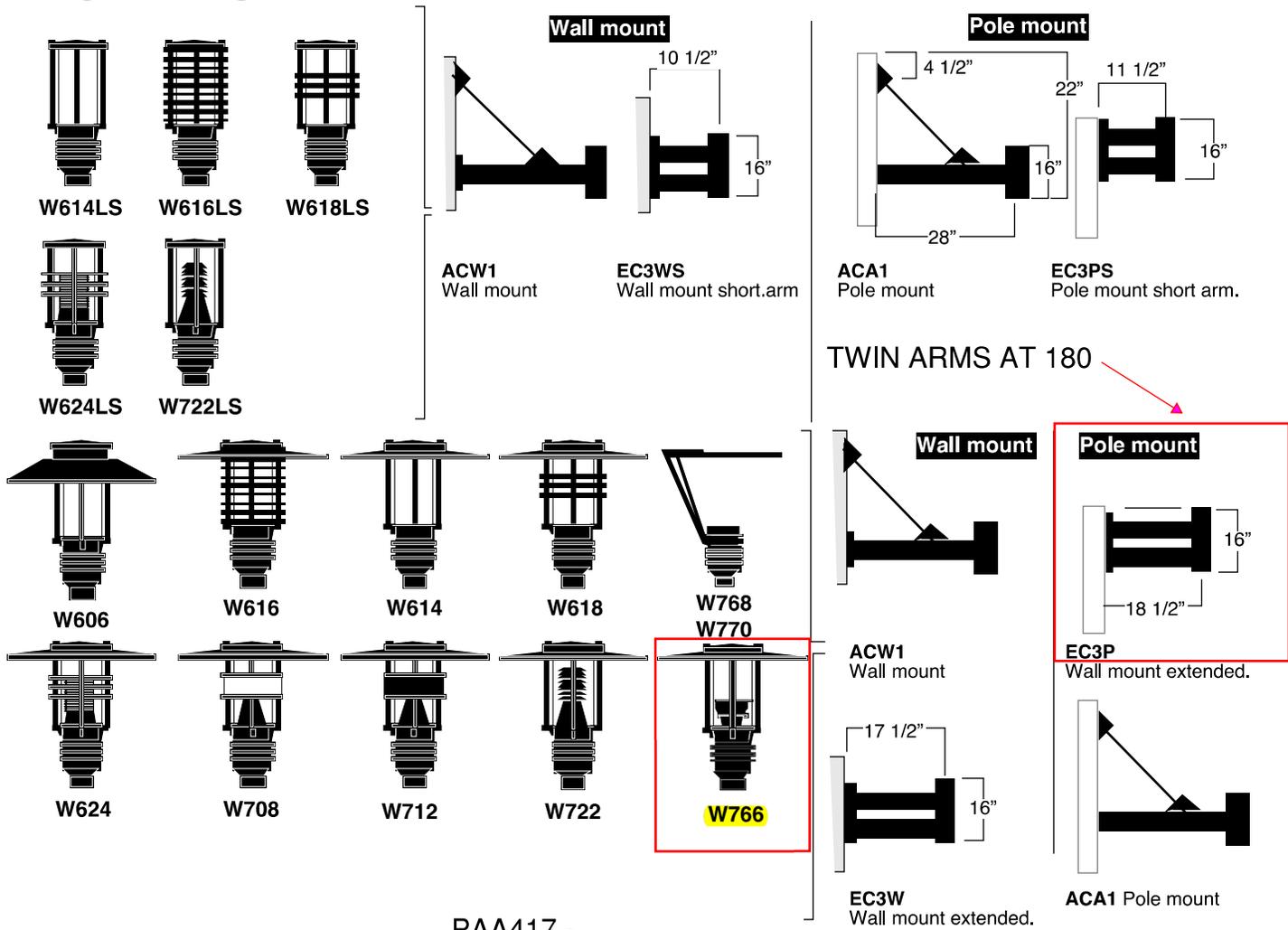
Pier or short wall top mount

Short bollard stand. Compatible with all bollard luminaires. Add. **PR7** as suffix to the selected bollard model.

(3) 5/8" dia. mounting holes @ 120°
6" dia.

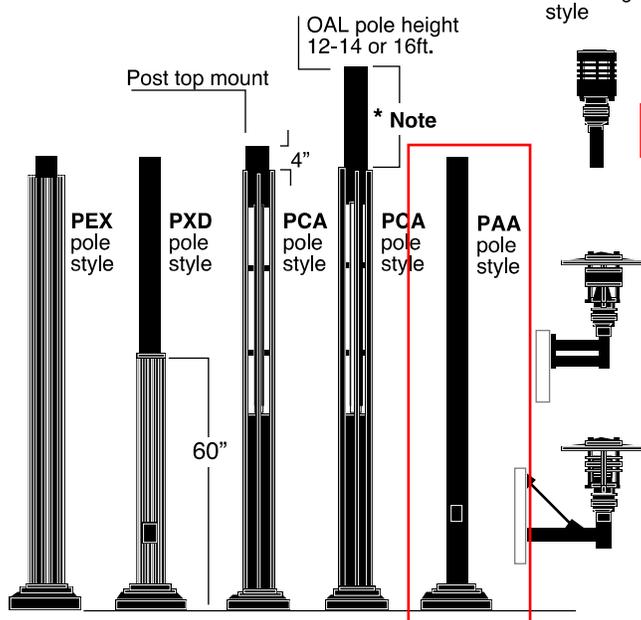
Option: **PR7**
Compatible with:
W788 TO W791 Bollard series.

Luminaires may be altered for design improvements or discontinued without prior notice.



PAA417 - 17' POLE

* Note:
36" extension with ACA attachment
24" extension with EC3P attachment



Compatible poles listing.

Mounting style	4"O.D.	5"O.D.	4"O.D.	4"O.D.	4"O.D.	Pole height
Post top mounting						
PAA410	PAA510-A	PCA10	PEX10	PXD10		10 ft
PAA412	PAA512-A	PCA12	PEX12	PXD12		12 ft
PAA414	PAA514-A	PCA14	PEX14	PXD14		14 ft
PAA416	PAA516-A	PCA16	PEX16	PXD16		16 ft
PAA418	PAA518-A		PEX18	PXD18		18 ft
PAA420	PAA520-A		PEX20	PXD20		20 ft
Post side mount with EC3P attachment accessory						
PAA410-C3P	PAA510-C3P					10 ft
PAA412-C3P	PAA512-C3P	PCA12-C3P	PEX12-C3P	PXD12-C3P		12 ft
PAA414-C3P	PAA514-C3P	PCA14-C3P	PEX14-C3P	PXD14-C3P		14 ft
PAA416-C3P	PAA516-C3P	PCA16-C3P	PEX16-C3P	PXD16-C3P		16 ft
PAA418-C3P	PAA518-C3P		PEX18-C3P	PXD18-C3P		18 ft
PAA420-C3P	PAA520-C3P					20 ft
Post side mount with ACA1 attachment accessory						
PAA414-ACA	PAA514-ACA	PCA14-ACA	PXD14-ACA			14 ft
PAA416-ACA	PAA516-ACA	PCA16-ACA	PXD16-ACA			16 ft
PAA418-ACA	PAA518-ACA		PXD18-ACA			18 ft
PAA420-ACA	PAA520-ACA		PXD20-ACA			20 ft

For poles details and specification, please refer to pages 140 to 144

Luminaires may be altered for design improvements or discontinued without prior notice.

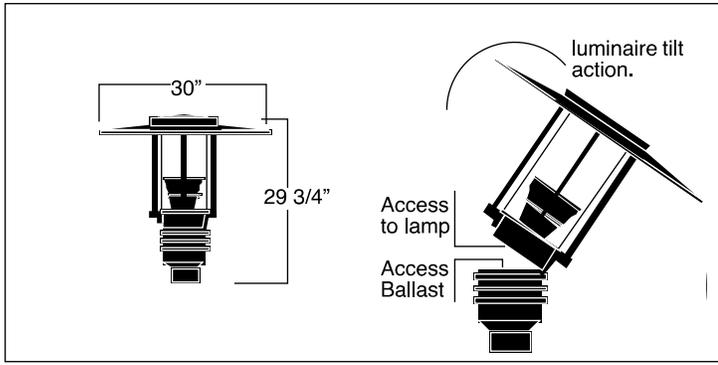
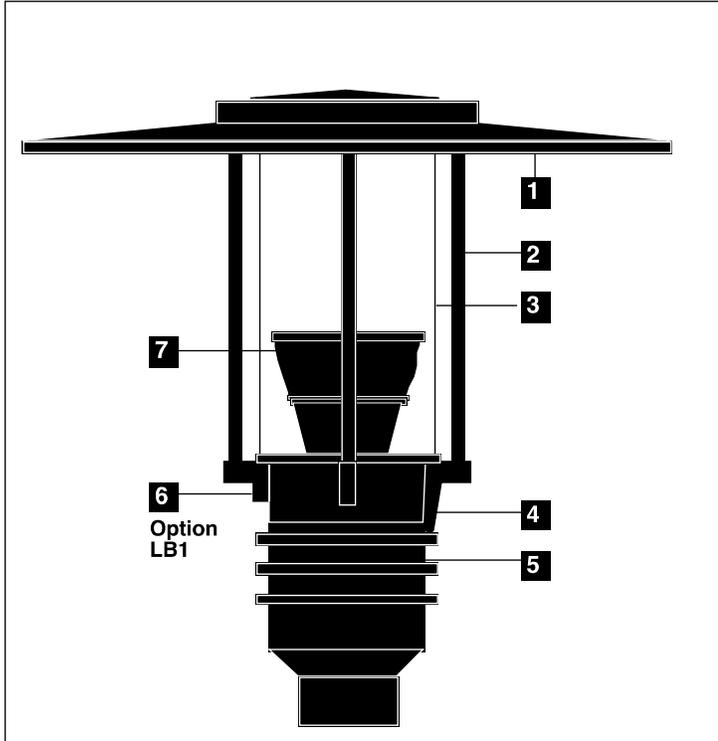
Specification

W766

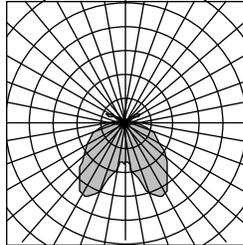
All exposed cast aluminum components are made of non corrosive pure aluminum copper free (Aluminum is less than .1% copper content.#356 alloy.)
 The luminaire base assembly is built with a hinge mechanism, allowing to tilt the top part of the luminaire to access the electrical equipment. No tools required. The quick disconnect ballast assembly is installed on a removable tray. The lamp is accessible with a twist and lock action.
 The ease of maintenance and lamp replacement concept will leave the optical chamber free of finger prints and foreign particles,
 Finish: All polyester powder baked coatings preceded with a 5 baths preparation process. Meets military grade MIL-C781706 with a 2000 hours salt spray test.

- Pulse rated medium base porcelain socket.
- One-piece molded silicone gasket with memory retention.
- High power factor CWA ballast.
- All stainless steel hardware.
- All Moving and removable parts are sealed with a memory retention silicone gasket.

- 1- Min. .093" hard aluminum shade, with underside white enamel to maximize light performance.
- 2- 1/2" dia. solid aluminum struts.
- 3- Clear U.V. protected high impact acrylic cylinder.
- 4- Cast Aluminum built-in hinge mechanism.
- 5- Cast Aluminum ballast housing with dissipation fins to maximize heat dissipation and cool operation of ballast.
- 6- Cast Aluminum swing out housing, with safety cable retainer. Push release button for quick access to electrical equipment. (No tools required for maintenance.) Button may be locked for limited access. (See option LB1)
- 7- Two piece reflector assembly with external housing same color as luminaire, and inner semi specular elliptical reflector designed to maximize light concentration uniformly over the shade reflective surface.



Photometry



Separate updated technical specification sheets with related models and light sources with I.E.S formatted photometry are available on www.luminis.com.

Certification UL. Wet Location.
Mounting & E.P.A. E.P.A: 1.05 sq./ft Max. weight: 40 lbs..
 Installation: Mounts over a 4" or 5" O.D. Pole.X 4"ø tenon.

For options details and specifications, please refer to pages 41.42.43

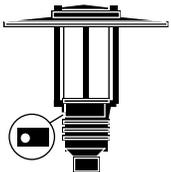
Model#	Mounting	Light source selection	Voltage	Finish	Options
<input checked="" type="checkbox"/> W766	Optional ACA1 ACW1 EC3P EC3W	MH (ED17) <input type="checkbox"/> M70 <input type="checkbox"/> M100 <input checked="" type="checkbox"/> M150 <input type="checkbox"/> M175 HPS (ED17) <input type="checkbox"/> H70 <input type="checkbox"/> H100 <input type="checkbox"/> H150	MH (G12) T6 <input type="checkbox"/> M39T <input type="checkbox"/> M70T <input type="checkbox"/> M150T H.I.D. <input type="checkbox"/> 208 V <input type="checkbox"/> 240 V <input checked="" type="checkbox"/> 277 V <input type="checkbox"/> 347 V <input type="checkbox"/> 480 V	(Refer to color chart) Standard selection <input type="checkbox"/> WHT: Snow white <input type="checkbox"/> BKT: Jet black <input checked="" type="checkbox"/> BZT: Bronze <input type="checkbox"/> GRT: Titanium gray <input type="checkbox"/> DGT: Gun metal <input type="checkbox"/> CHT: Champagne <input type="checkbox"/> MST: Matte silver <input type="checkbox"/> GNT: Forest green Optional colors <input type="checkbox"/> CS: Custom color <input type="checkbox"/> RAL: RAL# color	Accessories <input type="checkbox"/> LB1: Release button lock <input type="checkbox"/> LF1: Partially frosted cylinder over lower mid portion <input type="checkbox"/> STS30: Stainless steel shade. Electrical <input type="checkbox"/> FS: Fuse <input type="checkbox"/> PH1: 120/277V photo cell <input type="checkbox"/> PH2: 347V photo cell

MODIFICATION: ELECTRONIC BALLAST

Luminaires may be altered for design improvements or discontinued without prior notice.

Push Release button lock

Option: **LB1**



For restricted access.
Locked push button.
Requires 8-32 hexagonal
key to release.

General notes:
Please specify selected option as a
suffix to luminaire model number.
ex: W614-M100-WHT-LB1
Each model is provided with a
listing of compatible options. Some
options may not be compatible
when used in the same luminaire.
Please check listings.

Reflector disc

Option: **OS**

Aluminum oblong
reflector disc.
(Factory installed)
Applicable to
W632 & W640



House side shield

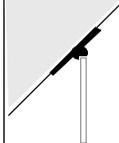
Option:
**H2 For post top
luminaires**
**H1 For bollard mount
luminaires.**



Exterior white
enamel, and specular
aluminum inner
reflective surface.
The shield is inserted
and snaps inside the
diffuser.
360° on site rotation.

Slope ceiling adaptor

Option: **SW45**



45° hang straight
ball swivel
for 5/8" dia.
suspension stem.

Suspension safety cable

Option: **STC**

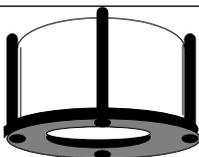
Additional safety
cable, extended
12" beyond
canopy



Adjustable down light (W780 series)

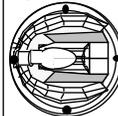
Option: **DL4**

50W / MR16 adjustable down light
Available with 120V power input. For other
voltages, please consult factory
Note: Other down light sources than shown with
option DL4 are available. Please consult factory.



Type III reflector

Option: **RF3 / RA3 / RL3 / PR3**



Type III Multifaceted
specular reflector.
(Single lamp only.)

Suspension stem

5/8" O.D. suspension stem.

STM60 60" lg.

STM80 80" lg.

For other factory cut to size length
add suffix **-STM** with desired
length to catalog# max.120"

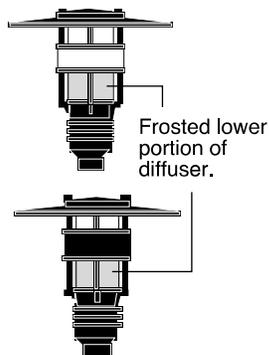


Light distribution control

-  Option: Type III light
distribution
refractor
R3
-  Option: Type IV light
distribution
refractor
R4

Semi frosted diffuser

Option: **LF1**



Type IV reflector

Option: **RF4 / RA4 / RL4**



Type IV
Forward throw
aluminum specular
reflector. (Single
lamp only.)

Lamps & ballast compatibility

Compact Fluorescent

Lamp Watts	Lamp base
26W	G24Xq3
32W	G24Xq3
42W	G24Xq4
57W	G24Xq5
70W	G24Xq6
85W	2G8-1
120W	2G8-1

Metal halide

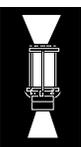
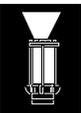
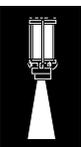
Lamp Watts	Lamp base	ANSI Code
39W	T6/G12	M130
50W	ED17	M110/M148
70W	ED17	M198/M143
70W	T6/G12	M139
100W	ED17	M90/M140
150W	ED17	M102/M142
150W	T6/G12	M142
175W	ED17	M57

Wall mount light options

Option: **DL1**
DL1-277
12V/50W MR16
Down light with integral
120/12V or 277/12V
electronic transformer.
other input voltages on
request.

Option: **DL2**
Open sealed
top cover
allowing up-
lighting

Option: **DLC**
DL1 / DL2
Combination.



Emergency battery pack

For 57w & 70w: Consult factory

EM42

One lamp:
26w: 450 Lmns..
32w: 575 Lmns.
42w: 750 Lmns.
Time: 90 Mnts -120/277V T 0° C

**Please refer to page 72 for
more details**

Fuse

Option:
FS
Ballast protection fuse
Available with H.I.D.
luminaires only



Note: FS option fuse is factory
calibrated and installed with
selected wattage.

Post mount luminaires:
FS installed with pole.

All other types:
FS is installed with luminaire.

Light photo sensor

Option: **PH1** -120V
PH2 - 277 / 347V

Photo electric sensor,
factory installed with the pole
or inside fixture when pole is
not required.



Quartz lamp restrike

Option: **QRS**



Quartz restrike standby lamp kit.
When power failure is restored, it will
energize temporary Quartz lamp with
progressive dimming until full H.I.D
light output is produced.
max.100w DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

Quartz lamp restrike

Option: **QS**



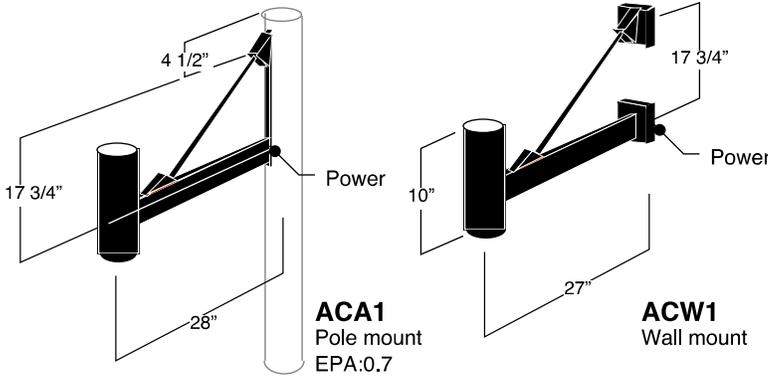
Quartz lamp socket for external 120V
emergency power input.
Separate 120V dedicated wiring is included.
max.100 W DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

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LUMINIS [USA] - 3555 NW 53rd Court, Fort Lauderdale, FL.33309
LUMINIS [Canada] - 87 C Brunswick D.D.O. Q.C. Canada H9B 2J5

Tel: 954 .717 .4155 Fax: 954 . 717.4157
Toll free: 888 .401 .6999

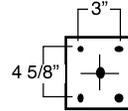
Web: www.luminis.com
Sept. 2006 Rev. Feb.2007



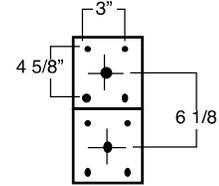
ACA1
Pole mount
EPA:0.7

ACW1
Wall mount

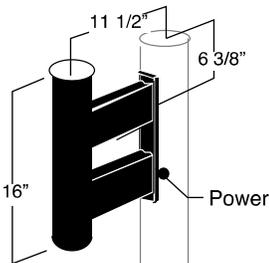
ACW1 series
Mounting



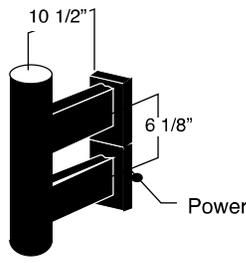
EC3W
EC3WS
series
Mounting



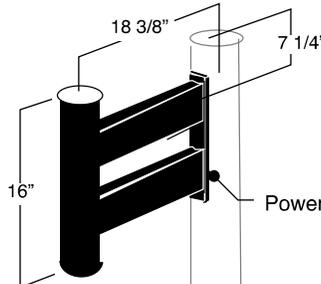
ACA1/ ACW1 -1" x 3" extruded aluminum side pole or wall mounting adaptor. 1/2" dia. stainless steel rod support. 10" x 4" o.dia. aluminum tenon.



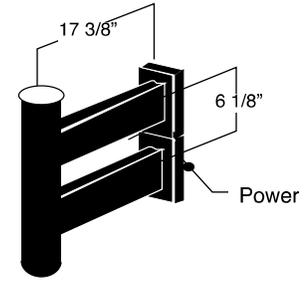
EC3PS -1" x 3" extruded aluminum twin short arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. This option is applicable only to catalog numbers with the suffix **LS** EPA:0.72



EC3WS -1" x 3" extruded aluminum twin short arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates. This option is applicable only to catalog numbers with the suffix **LS**



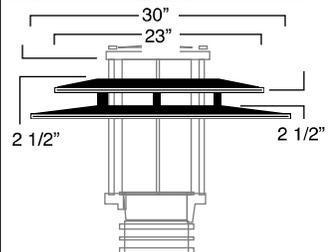
EC3P -1" x 3" extruded aluminum twin extended arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. EPA:0.97



EC3W -1" x 3" extruded aluminum twin extended arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates.

Please specify selected option with a suffix to the specified model number.
Ex: W624LS-**EC3WS-EC5** M100-WHT

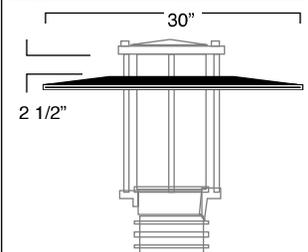
23/30" dia. aluminum double adjustable dropped shade



Set of two .093" thick hard aluminum shades factory prefixed. The underside is standard white enamel to optimize lighting performance. The set of shades can slide along the diffuser to accommodate various landscape viewing angles. Note: The distance between the two shades is fixed.

Option: **EC6** EPA:0.44
Compatible with:
ACA1 EC3P
ACW1 EC3W

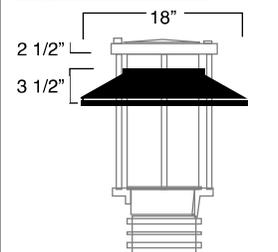
30" dia. aluminum single adjustable dropped shade



.093" thick hard aluminum factory prefixed dropped shade. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

Option: **EC7** EPA:0.25
Compatible with:
ACA1 EC3P
ACW1 EC3W

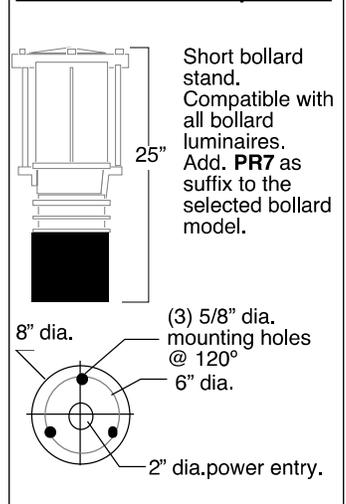
18" dia. cast aluminum adjustable shade



3/16" thick cast aluminum shade for applications where heavy traffic requires indestructible materials. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

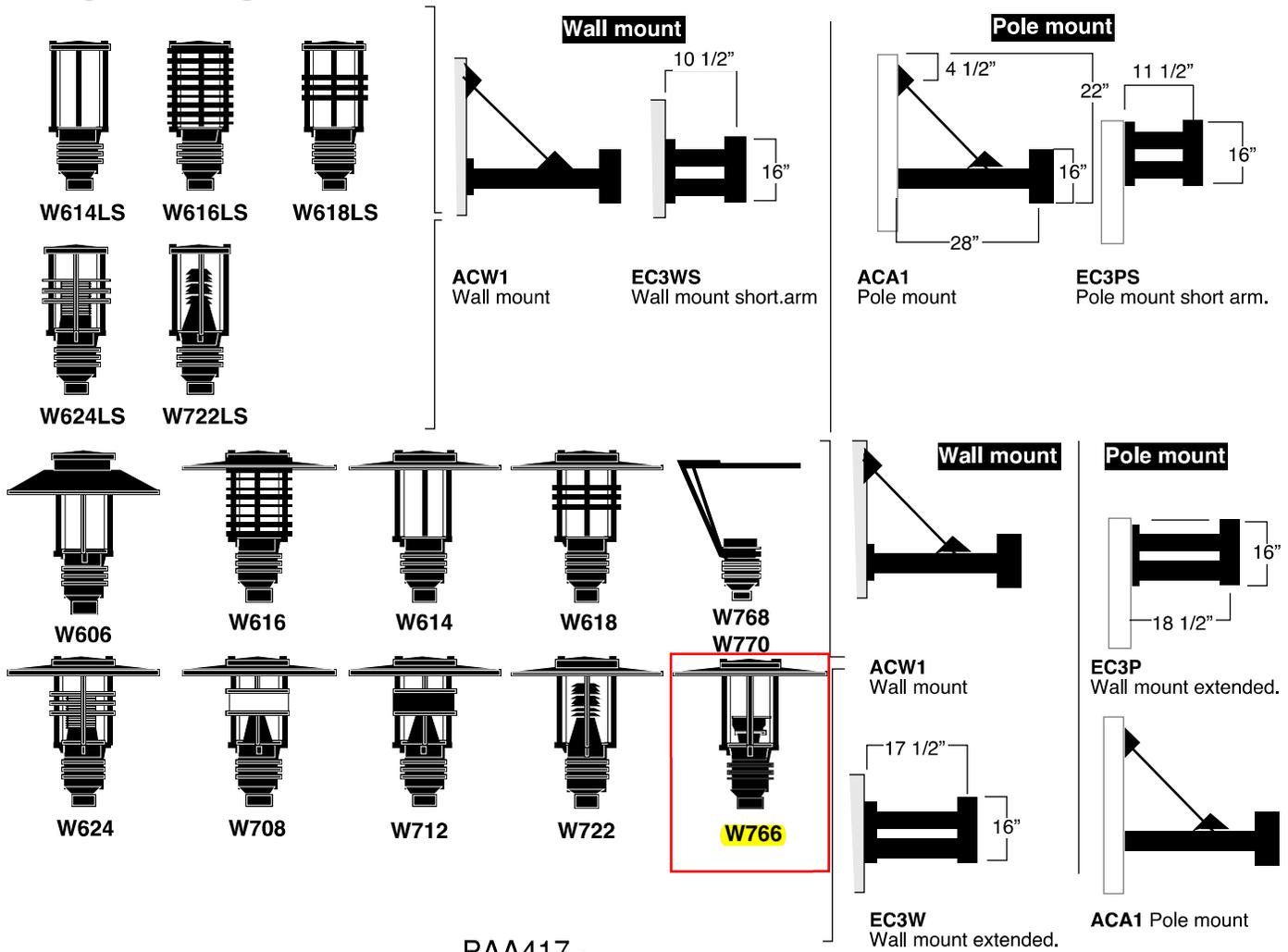
Option: **EC5** EPA:0.26
Compatible with:
ACA1 EC3P EC3PS
ACW1 EC3W EC3WS

Pier or short wall top mount



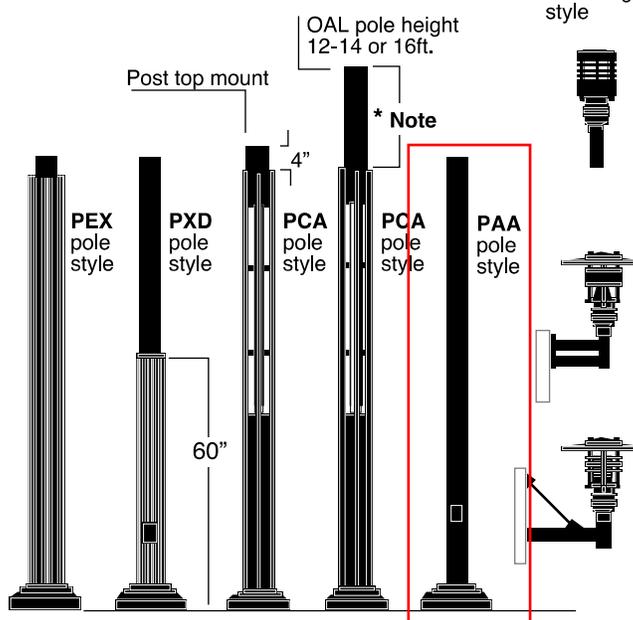
Option: **PR7**
Compatible with:
W788 TO W791 Bollard series.

Luminaires may be altered for design improvements or discontinued without prior notice.



PAA417 - 17' POLE

* Note:
36" extension with ACA attachment
24" extension with EC3P attachment



Compatible poles listing.

Mounting style	4"O.D.	5"O.D.	4"O.D.	4"O.D.	4"O.D.	Pole height
Post top mounting						
	PAA410	PAA510-A	PCA10	PEX10	PXD10	10 ft
	PAA412	PAA512-A	PCA12	PEX12	PXD12	12 ft
	PAA414	PAA514-A	PCA14	PEX14	PXD14	14 ft
	PAA416	PAA516-A	PCA16	PEX16	PXD16	16 ft
	PAA418	PAA518-A		PEX18	PXD18	18 ft
	PAA420	PAA520-A		PEX20	PXD20	20 ft
Post side mount with EC3P attachment accessory						
	PAA410-C3P	PAA510-C3P				10 ft
	PAA412-C3P	PAA512-C3P	PCA12-C3P	PEX12-C3P	PXD12-C3P	12 ft
	PAA414-C3P	PAA514-C3P	PCA14-C3P	PEX14-C3P	PXD14-C3P	14 ft
	PAA416-C3P	PAA516-C3P	PCA16-C3P	PEX16-C3P	PXD16-C3P	16 ft
	PAA418-C3P	PAA518-C3P		PEX18-C3P	PXD18-C3P	18 ft
	PAA420-C3P	PAA520-C3P				20 ft
Post side mount with ACA1 attachment accessory						
	PAA414-ACA	PAA514-ACA	PCA14-ACA	PXD14-ACA		14 ft
	PAA416-ACA	PAA516-ACA	PCA16-ACA	PXD16-ACA		16 ft
	PAA418-ACA	PAA518-ACA		PXD18-ACA		18 ft
	PAA420-ACA	PAA520-ACA		PXD20-ACA		20 ft

For poles details and specification, please refer to pages 140 to 144

Luminaires may be altered for design improvements or discontinued without prior notice.

Specification

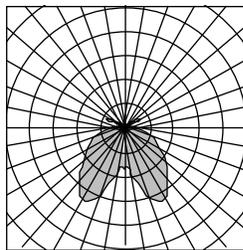
W766

All exposed cast aluminum components are made of non corrosive pure aluminum copper free (Aluminum is less than .1% copper content.#356 alloy.)
 The luminaire base assembly is built with a hinge mechanism, allowing to tilt the top part of the luminaire to access the electrical equipment. No tools required. The quick disconnect ballast assembly is installed on a removable tray. The lamp is accessible with a twist and lock action.
 The ease of maintenance and lamp replacement concept will leave the optical chamber free of finger prints and foreign particles,
 Finish: All polyester powder baked coatings preceded with a 5 baths preparation process. Meets military grade MIL-C781706 with a 2000 hours salt spray test.

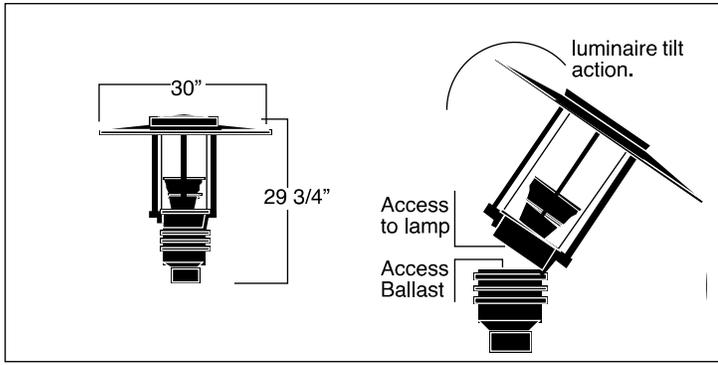
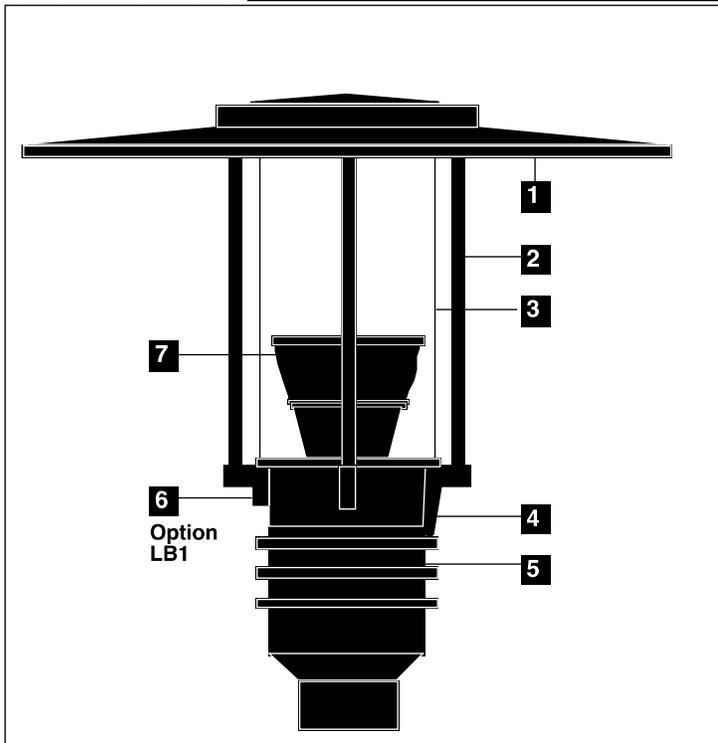
- Pulse rated medium base porcelain socket.
- One-piece molded silicone gasket with memory retention.
- High power factor CWA ballast.
- All stainless steel hardware.
- All Moving and removable parts are sealed with a memory retention silicone gasket.

- 1- Min. .093" hard aluminum shade, with underside white enamel to maximize light performance.
- 2- 1/2" dia. solid aluminum struts.
- 3- Clear U.V. protected high impact acrylic cylinder.
- 4- Cast Aluminum built-in hinge mechanism.
- 5- Cast Aluminum ballast housing with dissipation fins to maximize heat dissipation and cool operation of ballast.
- 6- Cast Aluminum swing out housing, with safety cable retainer. Push release button for quick access to electrical equipment. (No tools required for maintenance.) Button may be locked for limited access. (See option LB1)
- 7- Two piece reflector assembly with external housing same color as luminaire, and inner semi specular elliptical reflector designed to maximize light concentration uniformly over the shade reflective surface.

Photometry



Separate updated technical specification sheets with related models and light sources with I.E.S formatted photometry are available on www.luminis.com.



Certification UL. Wet Location. **Mounting & E.P.A.** E.P.A: 1.05 sq./ft Max. weight: 40 lbs.. Installation: Mounts over a 4" or 5" O.D. Pole.X 4"Ø tenon.

For options details and specifications, please refer to pages **41.42.43**

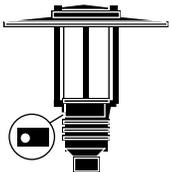
Model#	Mounting	Light source selection	Voltage	Finish	Options
<input checked="" type="checkbox"/> W766	Optional ACA1 ACW1 EC3P EC3W	MH (ED17) <input type="checkbox"/> M70 <input checked="" type="checkbox"/> M100 <input type="checkbox"/> M150 <input type="checkbox"/> M175 HPS (ED17) <input type="checkbox"/> H70 <input type="checkbox"/> H100 <input type="checkbox"/> H150 (Lamps by others)	MH (G12) T6 <input type="checkbox"/> M39T <input type="checkbox"/> M70T <input type="checkbox"/> M150T 120 V Standard factory prewired (If no voltage is specified) For other voltages, please specify with catalog number. H.I.D. <input type="checkbox"/> 208 V <input type="checkbox"/> 240 V <input checked="" type="checkbox"/> 277 V <input type="checkbox"/> 347 V <input type="checkbox"/> 480 V H.I.D. G12/T6 <input type="checkbox"/> 120 V <input type="checkbox"/> 277 V	(Refer to color chart) Standard selection <input type="checkbox"/> WHT: Snow white <input type="checkbox"/> BKT: Jet black <input checked="" type="checkbox"/> BZT: Bronze <input type="checkbox"/> GRT: Titanium gray <input type="checkbox"/> DGT: Gun metal <input type="checkbox"/> CHT: Champagne <input type="checkbox"/> MST: Matte silver <input type="checkbox"/> GNT: Forest green Optional colors <input type="checkbox"/> CS: Custom color <input type="checkbox"/> RAL: RAL# color	Accessories <input type="checkbox"/> LB1: Release button lock <input type="checkbox"/> LF1: Partially frosted cylinder over lower mid portion <input type="checkbox"/> STS30: Stainless steel shade. Electrical <input type="checkbox"/> FS: Fuse <input type="checkbox"/> PH1: 120/277V photo cell <input type="checkbox"/> PH2: 347V photo cell

MODIFICATION: ELECTRONIC BALLAST

Luminaires may be altered for design improvements or discontinued without prior notice.

Push Release button lock

Option: **LB1**



For restricted access.
Locked push button.
Requires 8-32 hexagonal
key to release.

General notes:
Please specify selected option as a
suffix to luminaire model number.
ex: W614-M100-WHT-LB1
Each model is provided with a
listing of compatible options. Some
options may not be compatible
when used in the same luminaire.
Please check listings.

Reflector disc

Option: **OS**

Aluminum oblong
reflector disc.
(Factory installed)
Applicable to
W632 & W640



House side shield

Option:

**H2 For post top
luminaires**
**H1 For bollard mount
luminaires.**

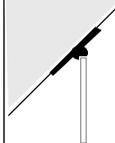


Exterior white
enamel, and specular
aluminum inner
reflective surface.
The shield is inserted
and snaps inside the
diffuser.
360° on site rotation.

Slope ceiling adaptor

Option: **SW45**

45° hang straight
ball swivel
for 5/8" dia.
suspension stem.



Suspension safety cable

Option: **STC**

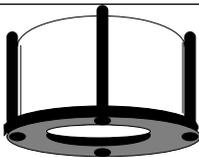
Additional safety
cable, extended
12" beyond
canopy



Adjustable down light (W780 series)

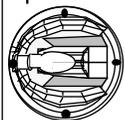
Option: **DL4**

50W / MR16 adjustable down light
Available with 120V power input. For other
voltages, please consult factory.
Note: Other down light sources than shown with
option DL4 are available. Please consult factory.



Type III reflector

Option: **RF3 / RA3 / RL3 / PR3**



Type III Multifaceted
specular reflector.
(Single lamp only.)

Suspension stem

5/8" O.D. suspension stem.

STM60 60" lg.

STM80 80" lg.

For other factory cut to size length
add suffix **-STM** with desired
length to catalog# max.120"

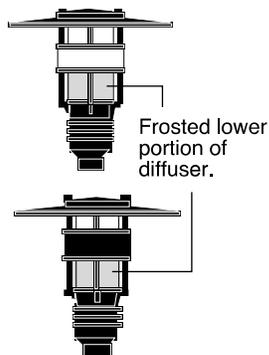


Light distribution control

-  Option: Type III light
distribution
refractor
R3
-  Option: Type IV light
distribution
refractor
R4

Semi frosted diffuser

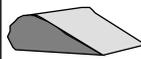
Option: **LF1**



Frosted lower
portion of
diffuser.

Type IV reflector

Option: **RF4 / RA4 / RL4**



Type IV
Forward throw
aluminum specular
reflector. (Single
lamp only.)

Fuse

Option



FS
Ballast protection fuse
Available with H.I.D.
luminaires only

Note: FS option fuse is factory
calibrated and installed with
selected wattage.

Post mount luminaires:

FS installed with pole.

All other types:

FS is installed with luminaire.

Light photo sensor

Option: **PH1** -120V
PH2 - 277 / 347V

Photo electric sensor,
factory installed with the pole
or inside fixture when pole is
not required.



Lamps & ballast compatibility

Compact Fluorescent

Lamp Watts	Lamp base
26W	G24Xq3
32W	G24Xq3
42W	G24Xq4
57W	G24Xq5
70W	G24Xq6
85W	2G8-1
120W	2G8-1

Metal halide

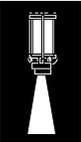
Lamp Watts	Lamp base	ANSI Code
39W	T6/G12	M130
50W	ED17	M110/M148
70W	ED17	M198/M143
70W	T6/G12	M139
100W	ED17	M90/M140
150W	ED17	M102/M142
150W	T6/G12	M142
175W	ED17	M57

Wall mount light options

Option: **DL1**

DL1-277

12V/50W MR16
Down light with integral
120/12V or 277/12V
electronic transformer.
other input voltages on
request.



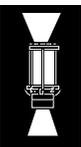
Option: **DL2**

Open sealed
top cover
allowing up-
lighting



Option: **DLC**

DL1 / DL2
Combination.



Emergency battery pack

For 57w & 70w: Consult factory

EM42

One lamp:
26w: 450 Lmns..
32w: 575 Lmns.
42w: 750 Lmns.
Time: 90 Mnts -120/277V T 0° C

**Please refer to page 72 for
more details**

Quartz lamp restrike

Option: **QRS**



Quartz restrike standby lamp kit.
When power failure is restored, it will
energize temporary Quartz lamp with
progressive dimming until full H.I.D
light output is produced.
max.100w DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

Quartz lamp restrike

Option: **QS**



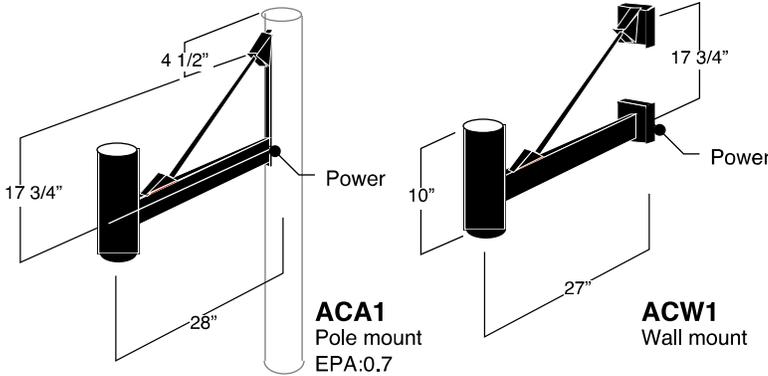
Quartz lamp socket for external 120V
emergency power input.
Separate 120V dedicated wiring is included.
max.100 W DC bayonet type.
(Lamp is not included.)
Not Applicable with CFL lamps.

Luminaires may be altered for design improvements or discontinued without prior notice.

LUMINIS [USA] - 3555 NW 53rd Court, Fort Lauderdale, FL.33309
LUMINIS [Canada] - 87 C Brunswick D.D.O. Q.C. Canada H9B 2J5

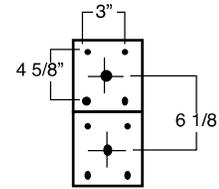
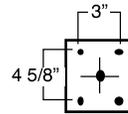
Tel: 954.717.4155 Fax: 954.717.4157
Toll free: 888.401.6999

Web: www.luminis.com
Sept. 2006 Rev. Feb.2007

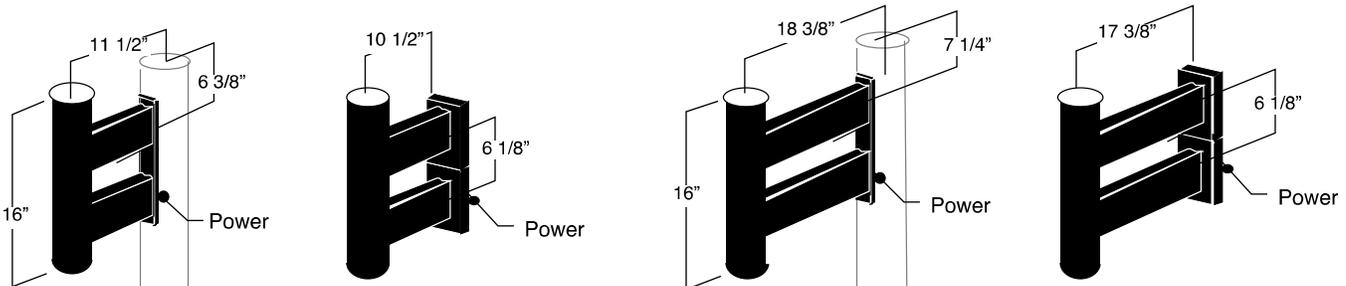


ACW1 series
Mounting

EC3W
EC3WS
series
Mounting



ACA1/ ACW1 -1" x 3" extruded aluminum side pole or wall mounting adaptor. 1/2" dia. stainless steel rod support. 10" x 4" o.dia. aluminum tenon.



EC3PS -1" x 3" extruded aluminum twin short arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. This option is applicable only to catalog numbers with the suffix **LS** EPA:0.72

EC3WS -1" x 3" extruded aluminum twin short arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates. This option is applicable only to catalog numbers with the suffix **LS**

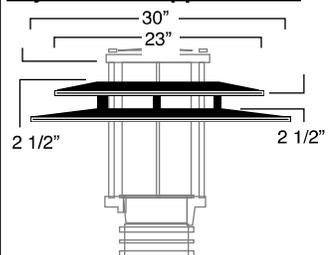
EC3P -1" x 3" extruded aluminum twin extended arm side pole mounting adaptor designed to fit with 4 to 5" dia. poles. 16" lg. X4" o.d. tenon. EPA:0.97

EC3W -1" x 3" extruded aluminum twin extended arm mounting adaptor designed for wall installation, with a set of two cast aluminum mounting plates.

Please specify selected option with a suffix to the specified model number.

Ex: W624LS-**EC3WS-EC5** M100-WHT

23/30" dia. aluminum double adjustable dropped shade

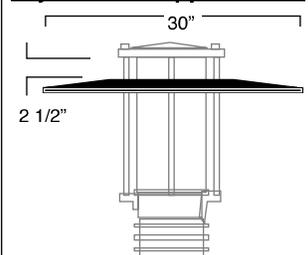


Set of two .093" thick hard aluminum shades factory prefixed. The underside is standard white enamel to optimize lighting performance. The set of shades can slide along the diffuser to accommodate various landscape viewing angles. Note: The distance between the two shades is fixed.

Option: **EC6** EPA:0.44

Compatible with:
ACA1 EC3P
ACW1 EC3W

30" dia. aluminum single adjustable dropped shade

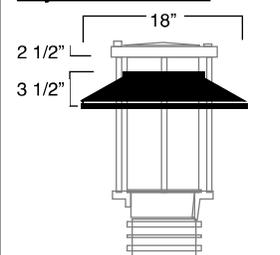


.093" thick hard aluminum factory prefixed dropped shade. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

Option: **EC7** EPA:0.25

Compatible with:
ACA1 EC3P
ACW1 EC3W

18" dia. cast aluminum adjustable shade

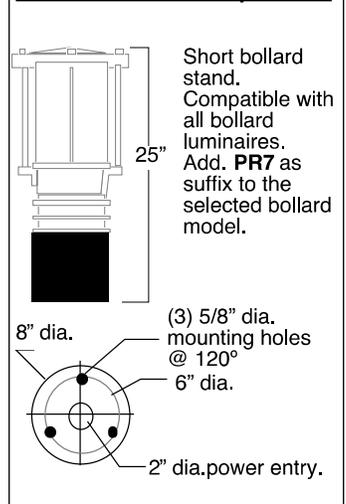


3/16" thick cast aluminum shade for applications where heavy traffic requires indestructible materials. The underside is standard white enamel to optimize lighting performance. The shade can slide along the diffuser to accommodate various landscape viewing angles.

Option: **EC5** EPA:0.26

Compatible with:
ACA1 EC3P EC3PS
ACW1 EC3W EC3WS

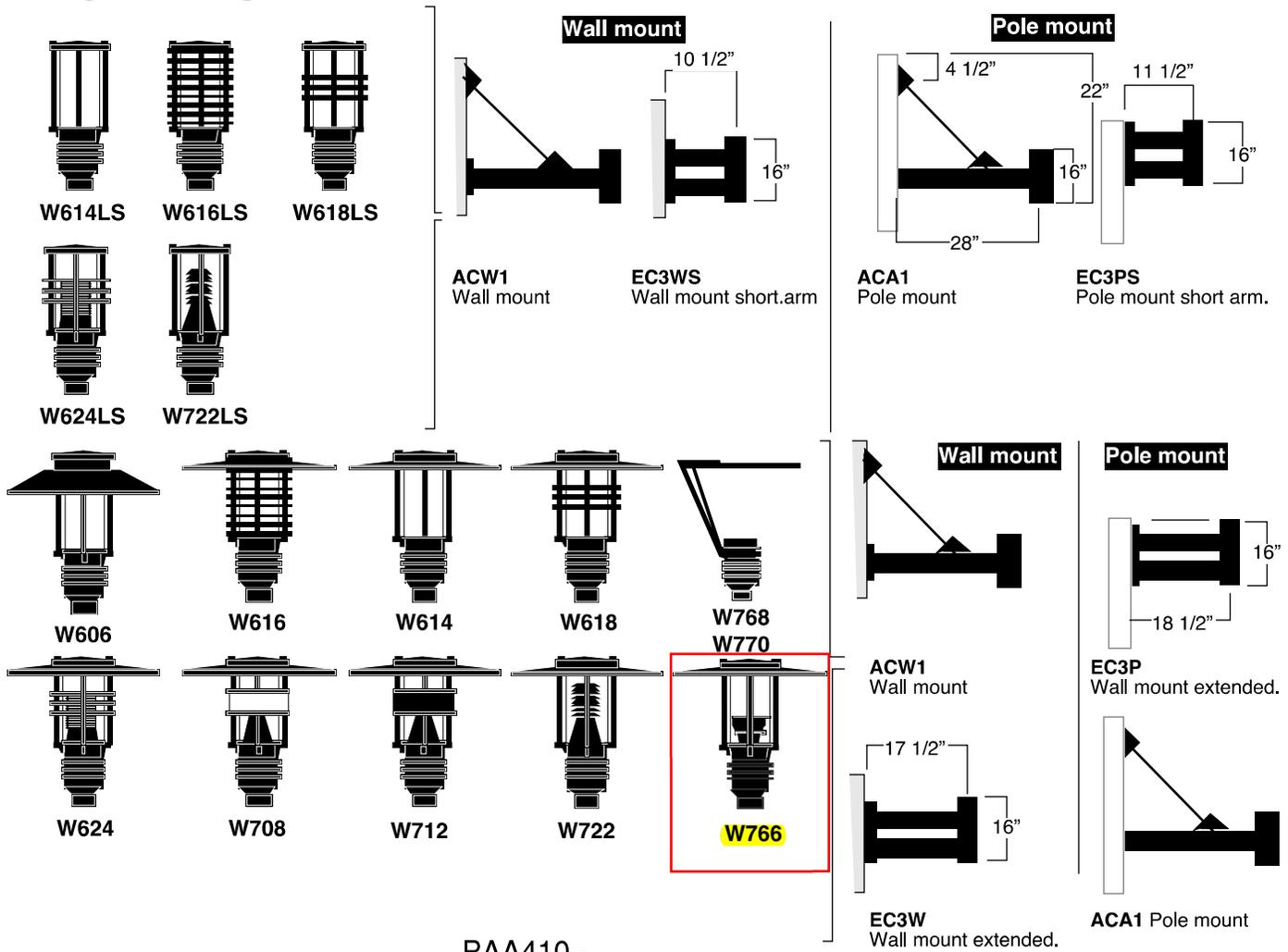
Pier or short wall top mount



Option: **PR7**

Compatible with:
W788 TO W791 Bollard series.

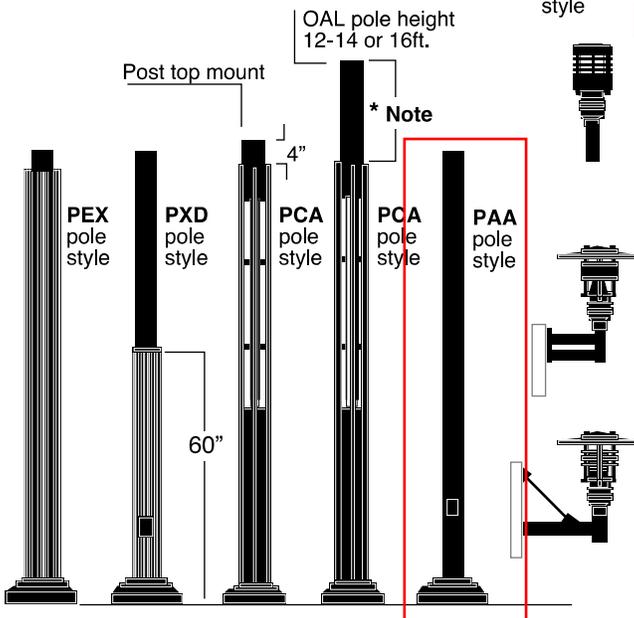
Luminaires may be altered for design improvements or discontinued without prior notice.



PAA410 - 10' POLE

Compatible poles listing.

* Note:
36" extension with ACA attachment
24" extension with EC3P attachment



Mounting style	4" O.D.	5" O.D.	4" O.D.	4" O.D.	4" O.D.	Pole height
Post top mounting						
	PAA410	PAA510-A	PCA10	PEX10	PXD10	10 ft
	PAA412	PAA512-A	PCA12	PEX12	PXD12	12 ft
	PAA414	PAA514-A	PCA14	PEX14	PXD14	14 ft
	PAA416	PAA516-A	PCA16	PEX16	PXD16	16 ft
	PAA418	PAA518-A		PEX18	PXD18	18 ft
	PAA420	PAA520-A		PEX20	PXD20	20 ft
Post side mount with EC3P attachment accessory						
	PAA410-C3P	PAA510-C3P				10 ft
	PAA412-C3P	PAA512-C3P	PCA12-C3P	PEX12-C3P	PXD12-C3P	12 ft
	PAA414-C3P	PAA514-C3P	PCA14-C3P	PEX14-C3P	PXD14-C3P	14 ft
	PAA416-C3P	PAA516-C3P	PCA16-C3P	PEX16-C3P	PXD16-C3P	16 ft
	PAA418-C3P	PAA518-C3P		PEX18-C3P	PXD18-C3P	18 ft
	PAA420-C3P	PAA520-C3P				20 ft
Post side mount with ACA1 attachment accessory						
	PAA414-ACA	PAA514-ACA	PCA14-ACA	PXD14-ACA		14 ft
	PAA416-ACA	PAA516-ACA	PCA16-ACA	PXD16-ACA		16 ft
	PAA418-ACA	PAA518-ACA		PXD18-ACA		18 ft
	PAA420-ACA	PAA520-ACA		PXD20-ACA		20 ft

For poles details and specification, please refer to pages 140 to 144

Luminaires may be altered for design improvements or discontinued without prior notice.

A NEW BUILDING FOR: BOYS & GIRLS CLUB OF MENASHA

MENASHA, WISCONSIN

MATERIAL INDEX-PLANS, SECTIONS

	EARTH		FINISHED LUMBER
	COMPACTED FILL		RIGID INSULATION
	GRAVEL FILL		BATT INSULATION
	CERAMIC TILE		DRYWALL
	POURED CONCRETE		STEEL
	CONCRETE BLOCK		PRECAST CONCRETE
	CONCRETE BLOCK FILLED		ACOUSTIC TILE
	FACE BRICK		BITUMINOUS PAVING
	STONE		EXISTING WALL TO BE REMOVED
	ROUGH LUMBER		EXISTING WALL TO REMAIN
	PLYWOOD		CONSTRUCT NEW WALL

REFERENCE SYMBOLS

SECTION CUT SYMBOL (WALL SECTIONS)	
	SECTION DESIGNATION (NUMBER FOR CROSS SECTION & LETTER FOR WALL SECTION)
	DRAWING NUMBER ON WHICH SECTION APPEARS
PLAN DETAIL / ENLARGED PLAN SYMBOL	
	DETAIL NUMBER
	DRAWING NUMBER ON WHICH DETAIL APPEARS
DETAIL CUT SYMBOL	
	DETAIL NUMBER
	DRAWING NUMBER ON WHICH DETAIL APPEARS
	ELEVATION MARK - NEW
	ELEVATION MARK - EXISTING

DRAWING SYMBOLS

	DOOR TAG
	REVISION NUMBER
	WINDOW TAG
	COLUMN LINE DESIGNATION- NEW
	WALL TYPE
	STAIRWAY DIRECTION INDICATION
	KEYNOTE MARK - ACCESSORIES
	KEYNOTE MARK - DEMOLITION NOTES
	KEYNOTE MARK - PLAN NOTES
	SPOT ELEVATION MARKER

PROJECT DATA	
GOVERNING AUTHORITY - WISCONSIN DEPT. OF SAFETY AND PROFESSIONAL SERVICES	
REFERENCED CODE	INTERNATIONAL BUILDING CODE 2009
CLASS OF CONSTRUCTION	II-B
OCCUPANCY CLASSIFICATION	ASSEMBLY (A-3)
LOCAL ZONING AUTHORITY	CITY OF MENASHA
BUILDING SPRINKLED	YES
BUILDING AREA:	
FIRST FLOOR:	25,454 S.F.
SECOND FLOOR:	8,210 S.F.
CANOPY:	2,670 S.F.
TOTAL BUILDING SQ. FT.:	36,334 S.F.

PROJECT LOCATION

600 RACINE STREET (AT SIXTH STREET)
MENASHA, WISCONSIN



NOTE:
THE INTENT AND MEANING OF THE CONSTRUCTION DOCUMENTS IS THAT THE CONTRACTOR UNDER THE TERMS OF THE CONTRACT SHALL TAKE ALL ACTIONS NECESSARY AND REQUIRED TO PROVIDE ALL LABOR, MATERIALS, SUPPLIES, EQUIPMENT, TRANSPORTATION, FACILITIES AND APPURTENANCES WHICH ARE INDICATED OR REASONABLY IMPLIED BY EACH DRAWING AND EACH SECTION OF THE SPECIFICATIONS, ALL OF WHICH ARE COLLECTIVELY NECESSARY AND REQUIRED FOR THE CONSTRUCTION OF THE DESCRIBED STRUCTURES AND FACILITIES.

NOTE:
ALL TRADES SHALL CROSS REFERENCE ALL CONSTRUCTION DOCUMENTS FOR COORDINATION AND SCOPE OF WORK

SHEET INDEX

CS-S	COVER SHEET - SITE
CIVIL	
C1	ABBREVIATIONS, SYMBOLS & NOTES
C2	EXISTING CONDITIONS & DEMOLITION
C3	PROPOSED DRAINAGE PLAN
C4	EROSION & SEDIMENT CONTROL PLAN
C5	BIOFILTER DETAILS
C6	EROSION & SEDIMENT CONTROL DETAILS
C7	MISCELLANEOUS DETAILS
ARCHITECTURAL	
A-0.1	SITE PLAN
A-0.2	SITE DETAILS
L-0.1	LANDSCAPE PLAN
L-0.2	LANDSCAPE NOTES & DETAILS
ES101	SITE LIGHTING PLAN
ES101P	SITE LIGHTING PHOTOMETRICS
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND FLOOR PLAN
A-4.1	EXTERIOR ELEVATIONS
A-4.2	EXTERIOR ELEVATIONS
A-4.3	EXTERIOR ELEVATIONS - 3D VIEWS

PROPERTY OWNER

OWNER
BOYS & GIRLS CLUB OF THE FOX VALLEY
160 S. BADGER AVENUE
APPLETON, WI 54914
PH (920)731-0555
CONTACT: GREG LEMKE-ROCHON

CONSULTANTS

ARCHITECTURAL
GRIES ARCHITECTURAL GROUP, INC.
500 N. COMMERCIAL STREET
NEENAH, WI 54956
PH (920)722-2445 FX (920)722-6605
CONTACT: STEVE BORSECNIK, AIA, LEED AP

CIVIL
McMAHON
1445 McMAHON DRIVE/ P.O. BOX 1025
NEENAH, WI 54957-1025
PH (920)751-4200 FX (920)751-4284
CONTACT: JENNIFER L. SCHAFF, P.E.

Gries
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500 North Commercial Street
Neenah, Wisconsin 54956
Phone: (920)722-2445 Fax: (920)722-6605
www.griesarchitect.com



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A NEW BUILDING FOR:
BOYS & GIRLS CLUB OF MENASHA
MENASHA, WISCONSIN

SITE PLAN REVIEW SUBMITTAL 07-16-2014

date: 07/16/2014

job: 14-009

d. by: SMB

rev.:

CS-S



Notes for Existing Conditions & Demolition:

1. Apply for and obtain all demolition permits required. Follow all State and Local requirements.
2. Demolish all existing site structures, pavements (including driveway aprons), and underground utilities.
3. Demolish all existing water laterals to the site. Corporation shall be removed at the main and a sleeve installed per Menasha Utilities requirements.
4. Demolish all existing sanitary laterals extending from Racine Street to the site that are not being utilized for the Boys and Girls Club building. Demolish all lateral piping up to but not including the PVC lateral connection to the main. Construct a glued on cap or any other watertight abandonment approved by the City.
5. Demolish all existing sanitary laterals on Sixth Street. Demolish all lateral piping up to but not including the sanitary lateral riser. If at the time of exposing the existing riser, it is observed that the riser is allowing any clearwater infiltration; the City of Menasha shall be notified to see how the riser can be abandoned and eliminate the infiltration. In the City of Menasha the property owner owns the lateral from the house to the sanitary sewer main. If it is a tapped connection the property owner owns the tapped connection as well. If it is factory connection the City owns the connection. In the case of a riser, the property owner owns the sanitary lateral from the house to the bend of the riser. The City owns the riser from the sanitary sewer main to the bend of the riser so any work on that section of the riser would be City responsibility. Contractor shall complete work that is considered the property owner's responsibility.
6. Replace curb and gutter, sidewalk panels etc. as necessary to restore site to conditions acceptable to the owner.

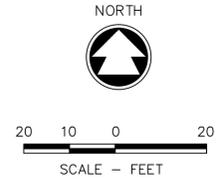
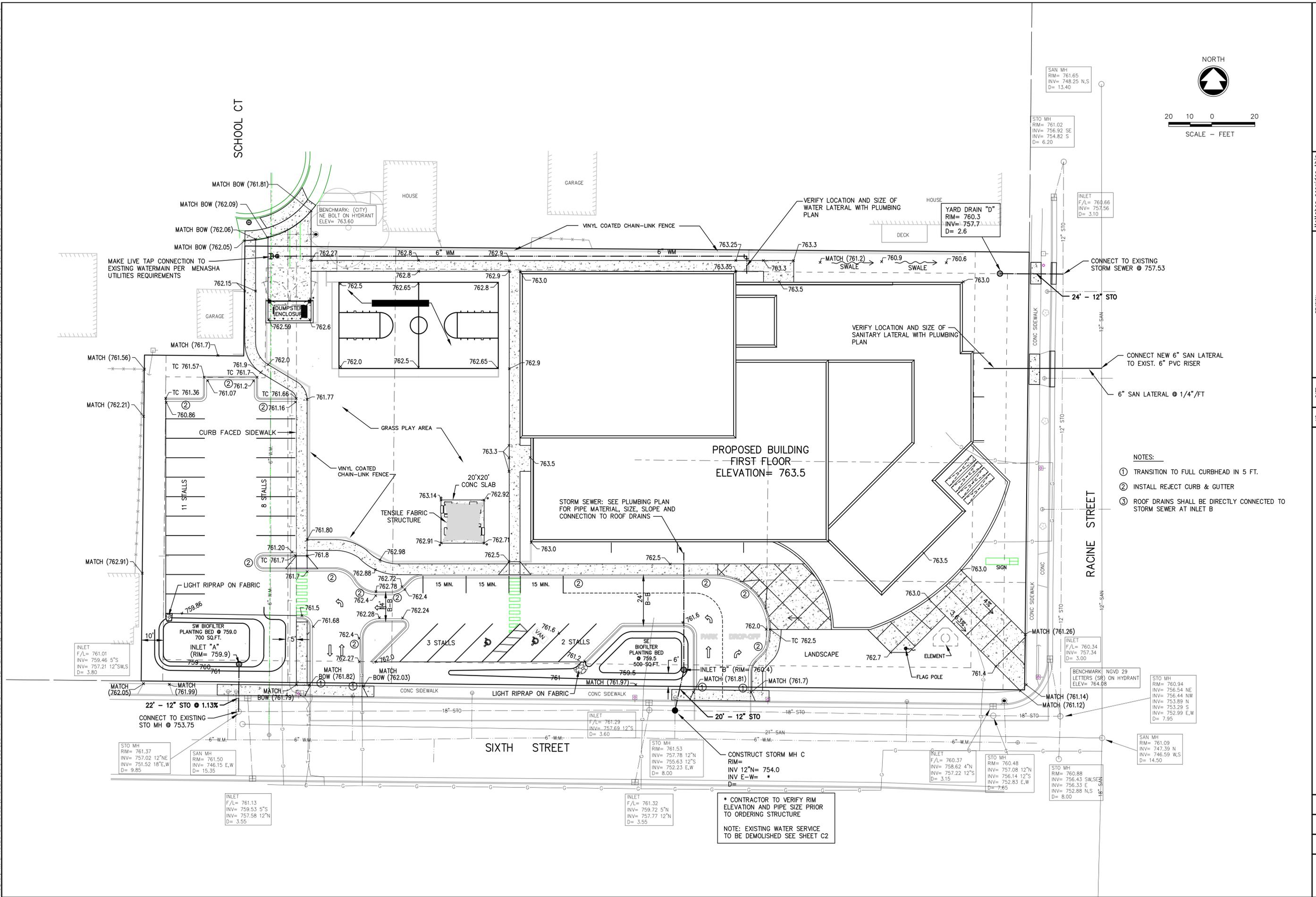
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NO.	DATE	REVISION

**BOYS AND GIRLS CLUB
 CITY OF MENASHA
 EXISTING CONDITIONS & DEMOLITION**

DESIGNED JLS	DRAWN KRH
PROJECT NO. MO032-940326	
DATE JULY 2014	
SHEET NO. C2	

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 (x=boys & girls club topo, x=exist shade, bndrv comps dew, x=boys & girls club proposed, 070114_bovandgirlsclub-sheet-g-0-1)

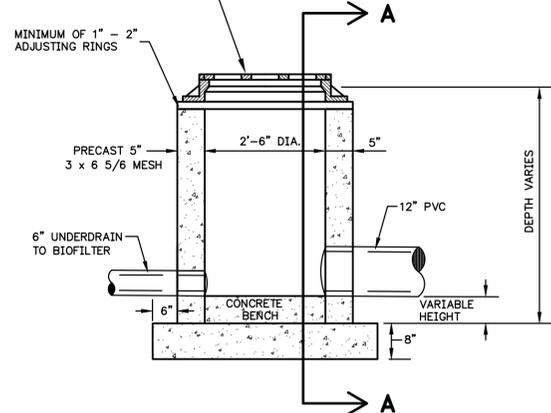


- NOTES:**
- ① TRANSITION TO FULL CURBHEAD IN 5 FT.
 - ② INSTALL REJECT CURB & GUTTER
 - ③ ROOF DRAINS SHALL BE DIRECTLY CONNECTED TO STORM SEWER AT INLET B

* CONTRACTOR TO VERIFY RIM ELEVATION AND PIPE SIZE PRIOR TO ORDERING STRUCTURE
 NOTE: EXISTING WATER SERVICE TO BE DEMOLISHED SEE SHEET C2

NO.	DATE	REVISION

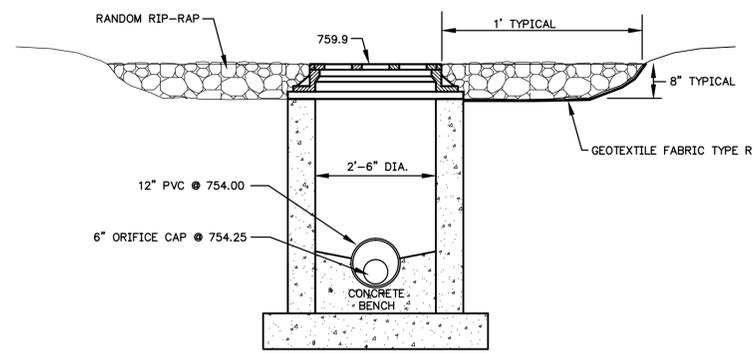
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INLET "A" DETAIL

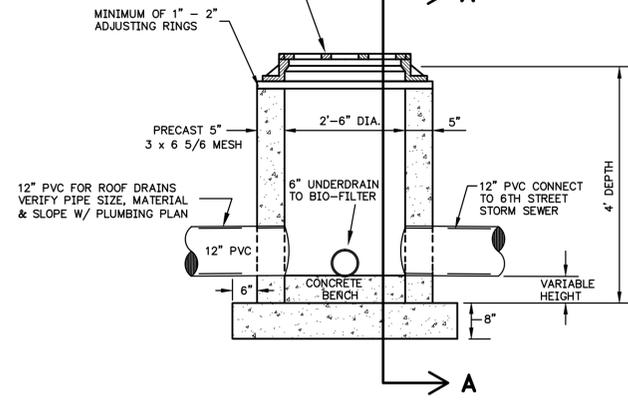
RIP-RAP

- RIP-RAP SHALL BE IN ACCORDANCE WITH LIGHT RIP-RAP PER SECTION 606, WS-DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2013 EDITION.
- RIP-RAP SHALL BE ANGULAR. ROUND RIP-RAP IS NOT PERMITTED.



INLET "A" SECTION A-A

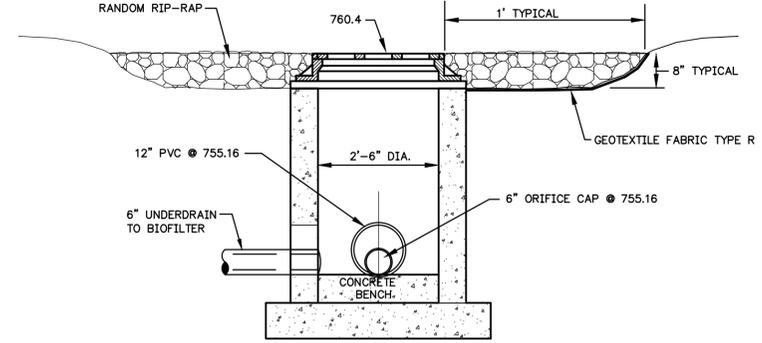
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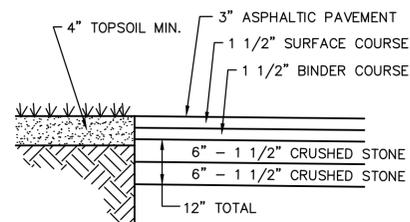
INLET "B" DETAIL

RIP-RAP

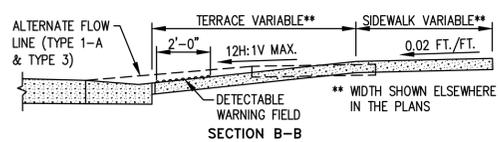
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- RIP-RAP SHALL BE ANGULAR. ROUND RIP-RAP IS NOT PERMITTED.



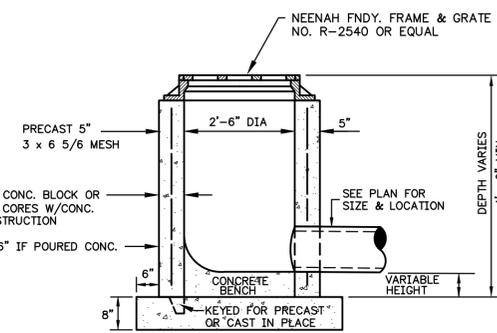
INLET "B" SECTION A-A



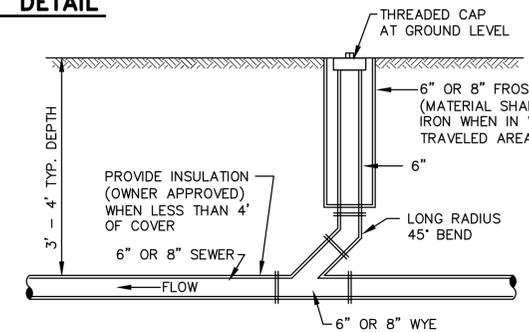
PARKING LOT



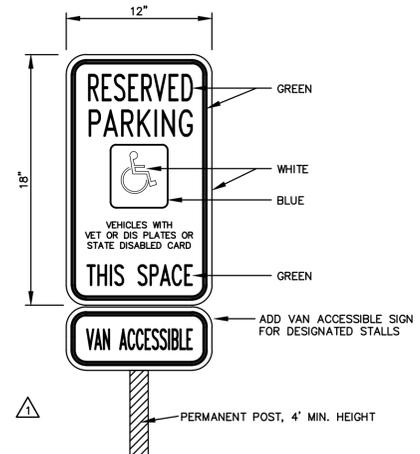
SECTION B-B



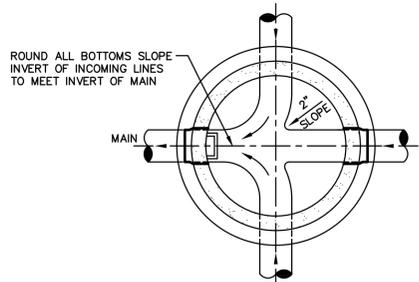
YARD DRAIN DETAIL



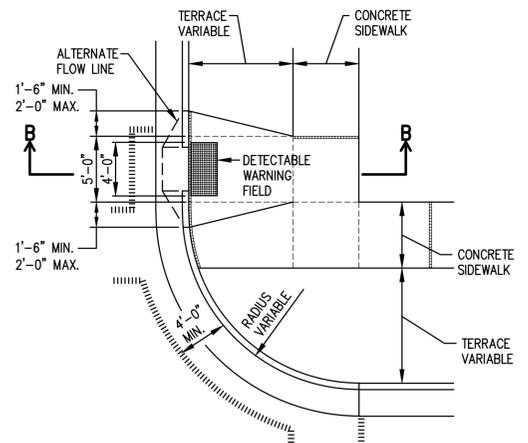
CLEANOUT DETAIL



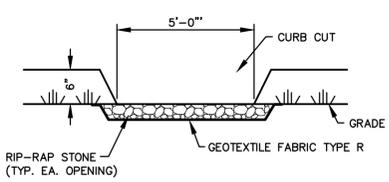
ADA PARKING SIGN



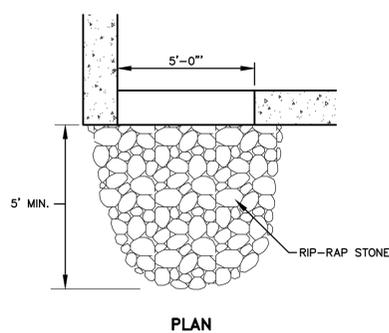
PLAN VIEW



TYPE 3 RAMP



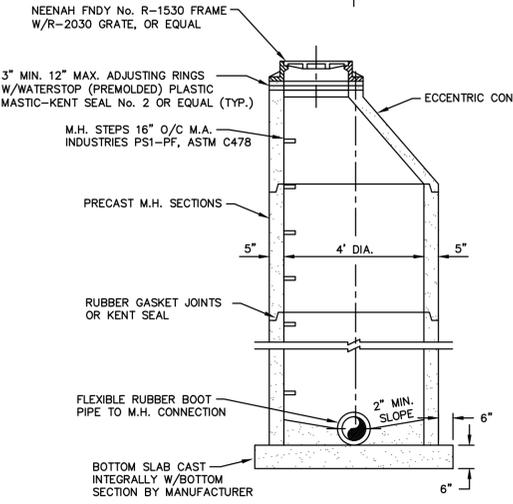
SECTION



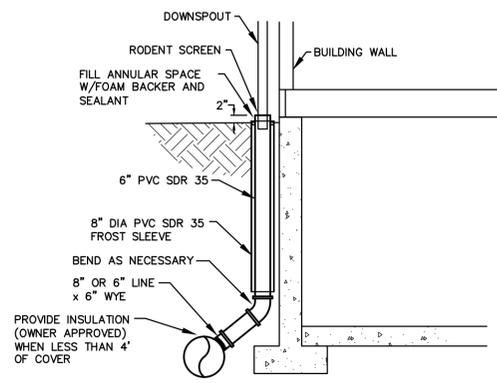
PLAN

CURB CUT CORNER

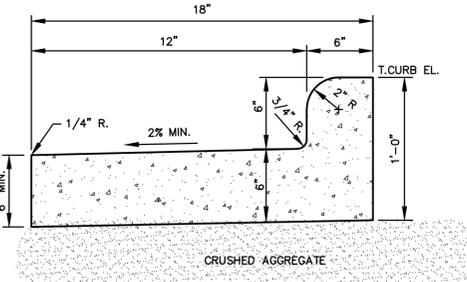
- RIP-RAP**
- RIP-RAP SHALL BE LIGHT RIP-RAP IN ACCORDANCE WITH SECTION 606, WS-DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2013 EDITION.
 - RIP-RAP SHALL BE ANGULAR. ROUND RIP-RAP IS NOT PERMITTED.



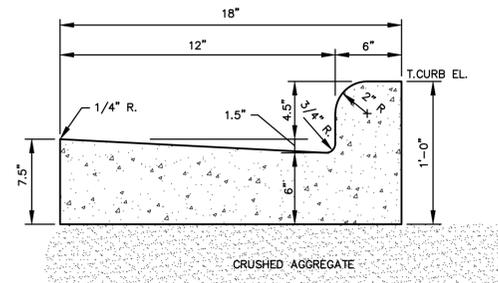
STANDARD PRECAST STORM MANHOLE



DOWNSPOUT CONNECTION

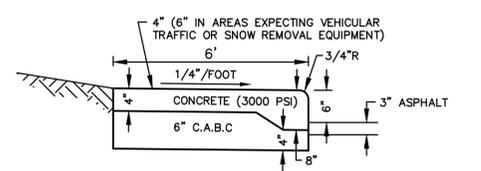


REVERSE SLOPE CURB & GUTTER

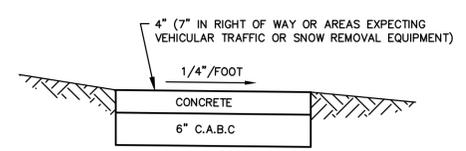


CURB AND GUTTER DETAIL *

* NOTE CURB & GUTTER ALONG SIXTH STREET AND RACINE STREET SHALL BE 30" WIDE AND MATCH WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR CURB & GUTTER.



CURB-FACED CONCRETE SIDEWALK



CONCRETE SIDEWALK

McMahon provides this drawing and data, regardless of form, as instruments of service. The client and/or copyright owner shall retain the right to use the drawing and data for the project and to hold McMahon and its employees harmless from and against any and all claims, damages, costs, and expenses, including reasonable attorneys' fees, arising from the use of the drawing and data without prior written consent by McMahon.

NO.	DATE	REVISION

DESIGNED	JLS	DRAWN	KRH
PROJECT NO.	M0032-940326		
DATE	JULY 2014		
SHEET NO.	C7		

GENERAL SITE PLAN NOTES:

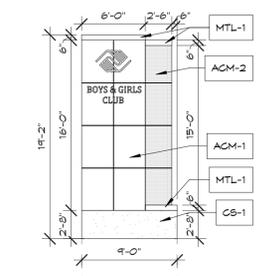
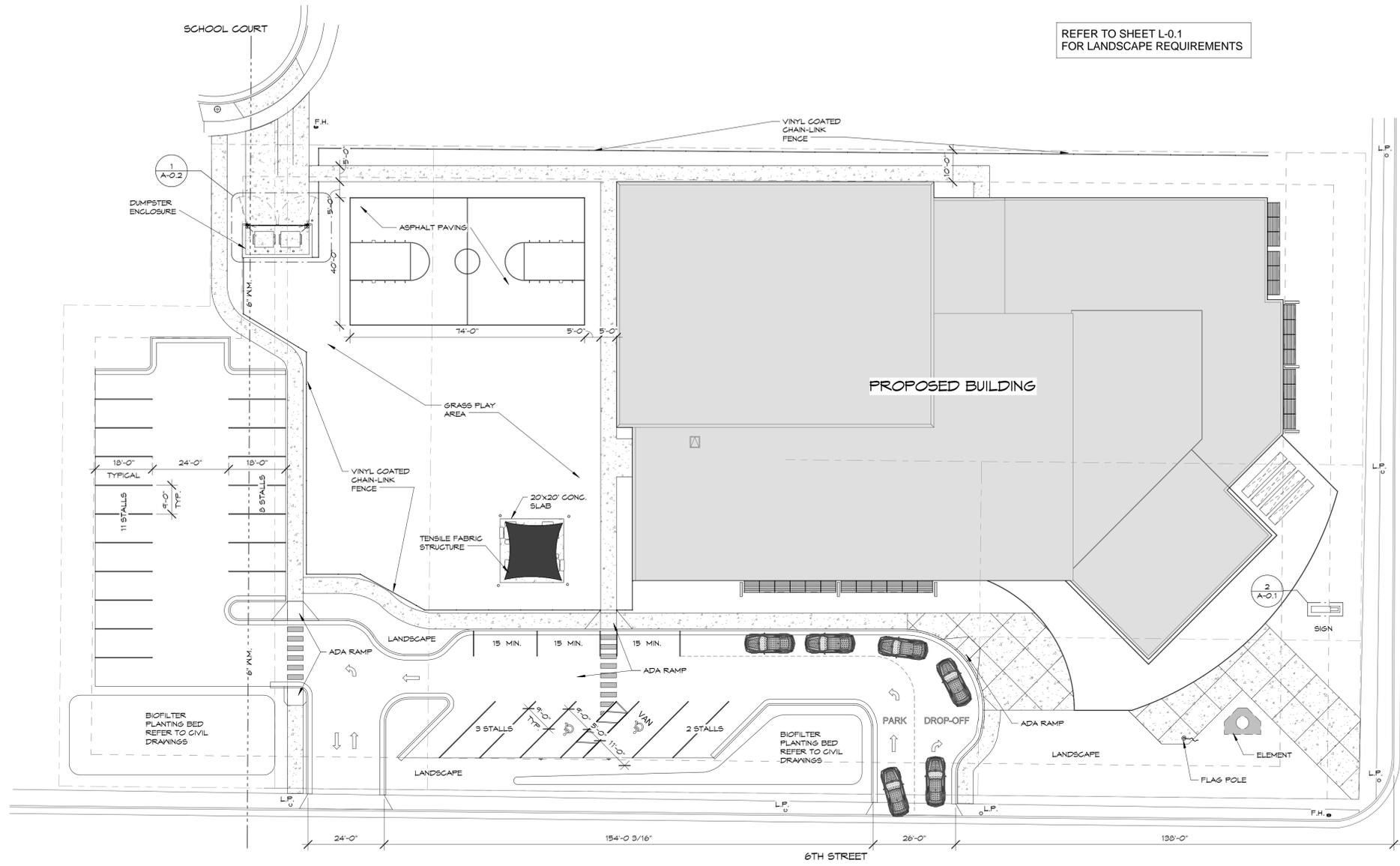
- GENERAL CONTRACTOR TO PROVIDE CONCRETE MECHANICAL EQUIPMENT PADS, COORDINATE SIZE & REIN. REQUIREMENTS WITH MECHANICAL & ELECTRICAL CONTRACTOR.
- GENERAL CONTRACTOR TO PROVIDE SILT FENCE / EROSION CONTROL MEASURES PER CIVIL DRAWINGS AND LOCAL MUNICIPALITY REQUIREMENTS. EROSION CONTROL MEASURES MUST BE IMPLEMENTED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- ALL SITE UTILITIES MUST BE VERIFIED PRIOR TO CONSTRUCTION.
- PATCH ANY AREA OF ASPHALT PAVING OR CONCRETE PAVING AND CONC. CURB, DISTURBED BY CONSTRUCTION.
- GENERAL CONTRACTOR TO ROUGH GRADE AND FINISH GRADE ANY AREAS DISTURBED BY CONSTRUCTION. SEEDING OF AREAS BY GENERAL CONTRACTOR. ALL DRIVEWAY CUTS AND CURBING SHALL COMPLY WITH THE LOCAL MUNICIPALITY STANDARDS.
- SEE LANDSCAPE PLAN SHEET L0.1 FOR PLANTING INFORMATION.
- HANDICAP ACCESSIBILITY MUST BE MAINTAINED AT ALL FRONT AND REAR DOORS. COORDINATE PARKING LOT GRADING AND RAMP WITH DOOR LOCATIONS.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED BY VEGETATION OR OTHER APPROVED MEANS.
- ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE AS TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
- ALL SEDIMENT LADEN WATER PUMPED FROM THE SITE SHALL BE TREATED BY A TEMPORARY SEDIMENT BASIN OR BE FILTERED BY OTHER APPROVED MEANS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNEL DURING FINAL LANDSCAPING.

- DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREA, INCLUDING SOIL STOCKPILES LEFT INACTIVE FOR MORE THAN 10 DAYS, SHALL AT A MINIMUM BE TEMPORARILY STABILIZED BY SEEDING / MULCHING OR OTHER METHODS APPROVED BY THE LOCAL MUNICIPALITY EROSION CONTROL INSPECTOR.
- WASTE MATERIAL GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO A RECEIVING WATER OR STORM SEWER SYSTEM.
- IN THE CASE OF LATE SEASON AND WINTER CONSTRUCTION, RESTORATION / LANDSCAPING OF THE SITE SHALL OCCUR NO LATER THAN JUNE 1st OF THE NEXT CONSTRUCTION SEASON. EROSION CONTROL MEASURES SHALL REMAIN INTACT UNTIL FINAL RESTORATION OF THE SITE IS COMPLETE. FABRIC INSIDE THE INLET AND CATCH BASIN GRATING SHALL BE REMOVED AS SOON AS FREEZING WEATHER OCCURS SO DRAINAGE IS NOT IMPAIRED THROUGHOUT THE WINTER MONTHS. ALL EROSION CONTROL PRACTICES REMOVED OR DAMAGED DUE TO WINTER WEATHER SHALL BE REPLACED IN THE SPRING IMMEDIATELY AFTER THE THAW.
- EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF THE WORK DAY.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION AFTER STABILIZATION OF DISTURBED SOIL HAS OCCURRED.
- THE EXISTING GRASS STREET TERRACE WITHIN THE LOCAL MUNICIPALITY RIGHT OF WAY SHALL BE MAINTAINED AS BUFFER THROUGHOUT CONSTRUCTION. AT A MINIMUM, THE GRASS TERRACE SHALL BE RESTORED WITH TEMPORARY SEED (GRASS / RYE) AND MULCHED, WITHIN 10 DAYS OF THE COMPLETION OF ALL LATERAL INSTALLATIONS AND OTHER CONSTRUCTION ACTIVITY. IF THE TERRACE IS NOT TO BE RESTORED DURING FINAL LANDSCAPING, A PERMANENT SEED MIX SHALL BE UTILIZED.

GENERAL PROJECT NOTES:

PROJECT NAME:	BOYS & GIRLS CLUB OF MENASHA	
PROPERTY ADDRESS:	600 RACINE STREET MENASHA, WISCONSIN	
ZONING DESCRIPTION:	GENERAL COMMERCIAL DISTRICT (G-1)	
SITE AREA:	62,335 S.F. / 1.194 ACRES	
AREA PERCENTAGE:	BUILDING AREA (FOOTPRINT):	25,454 S.F. 40.8%
	IMPERVIOUS AREA:	- PAVEMENTS 12,452 S.F. 20.1%
	LANDSCAPE AREA:	23,421 S.F. 38.5%
	TOTAL SITE AREA:	62,335 S.F. 100.0%
PARKING CALCULATIONS:	RECREATIONAL BUILDING OR COMMUNITY CENTER:	
	MINIMUM PARKING REQUIREMENTS:	PROVIDED
	SPACES IN ADEQUATE NUMBER AS DETERMINED BY THE DEPARTMENT OF COMMUNITY DEVELOPMENT	
	STAFF/GENERAL PARKING	24
	SHORT TERM PARKING	3
	ACCESSIBLE PARKING	2
	TOTAL PARKING PROVIDED =	29 STALLS

REFER TO SHEET L-0.1 FOR LANDSCAPE REQUIREMENTS



2 MONUMENT SIGN
1/8" = 1'-0"

1 SITE PLAN
1" = 20'-0"

REFER TO SHEET A-4.1 FOR MATERIAL LEGEND

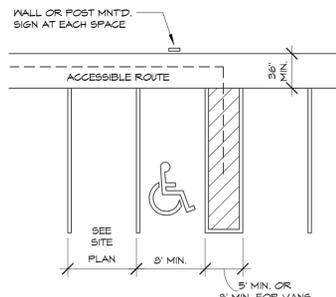
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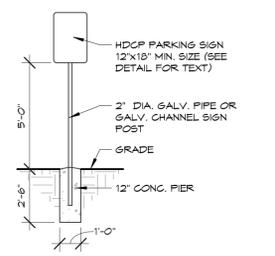
A NEW BUILDING FOR:
BOYS & GIRLS CLUB OF MENASHA
MENASHA, WISCONSIN

date: 07/16/2014
job: 14-009
d. by: JJS, SMB
rev.:

A-0.1



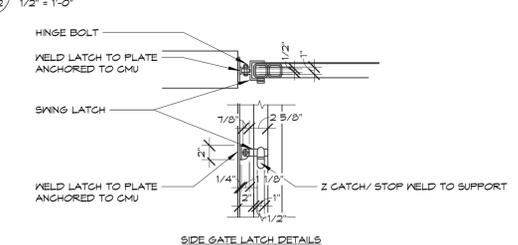
IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSTALL (WHERE SHOWN HEREON), BARRIER FREE PARKING SIGNS IN CONFORMITY TO WISCONSIN ADMINISTRATIVE CODE: TRANS #200.01



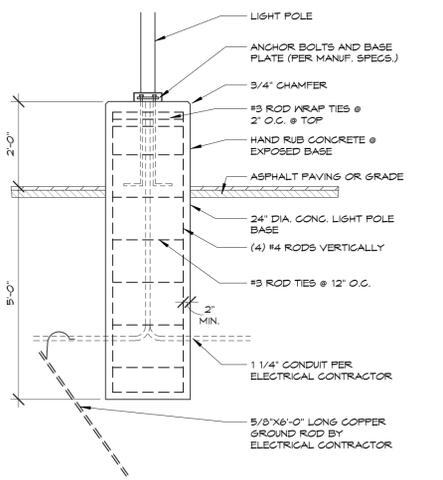
13 HC PARKING DETAILS
A-0.2 NOT TO SCALE



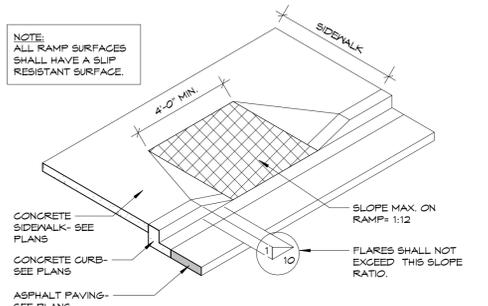
7 BOLLARD DETAIL
A-0.2 1/2" = 1'-0"



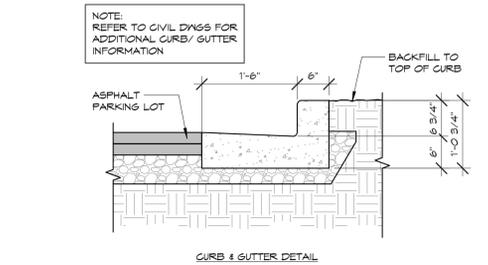
3 DUMPSTER SECTION
A-0.2 1/2" = 1'-0"



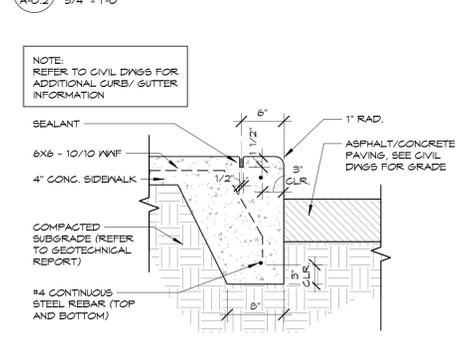
12 LIGHT POLE BASE DETAIL
A-0.2 1/2" = 1'-0"



10 CURB RAMP DETAIL
A-0.2 1/4" = 1'-0"

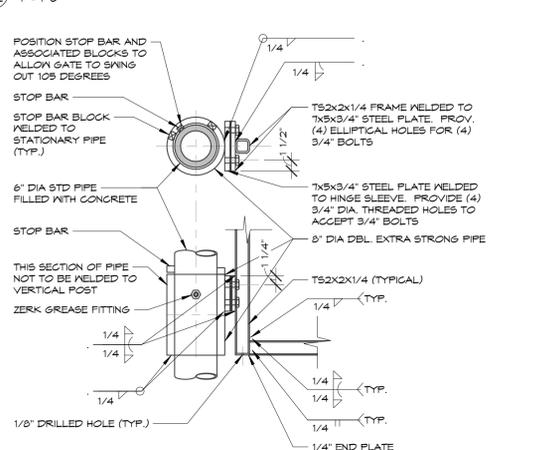


9 CURB & GUTTER DETAIL
A-0.2 3/4" = 1'-0"

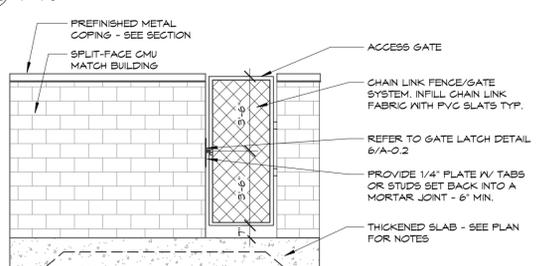


8 CURB & SIDEWALK DETAIL
A-0.2 1" = 1'-0"

6 GATE LATCH DETAIL
A-0.2 1" = 1'-0"



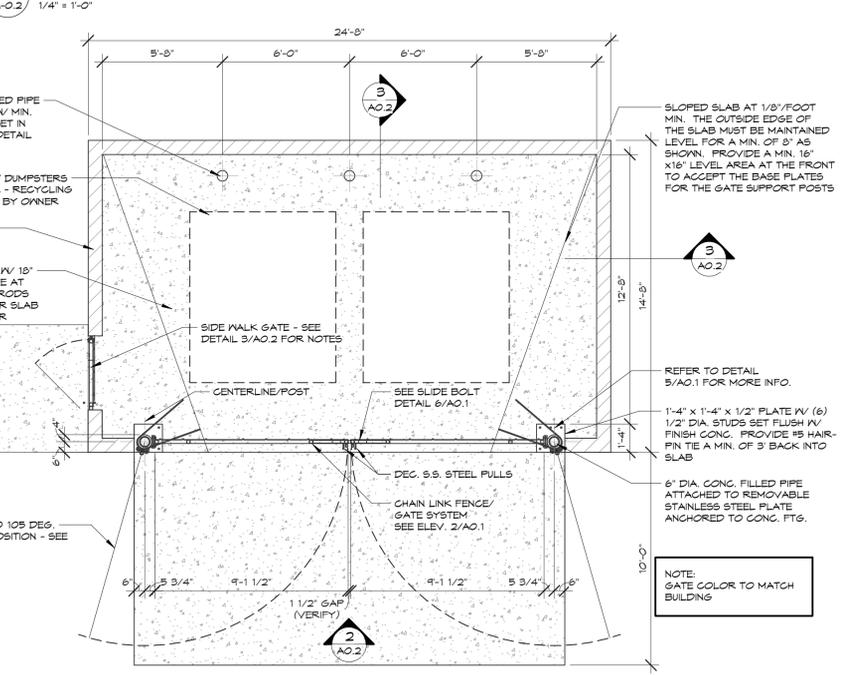
5 GATE HINGE DETAIL
A-0.2 1" = 1'-0"



4 DUMPSTER - SIDE ELEVATION
A-0.2 1/4" = 1'-0"

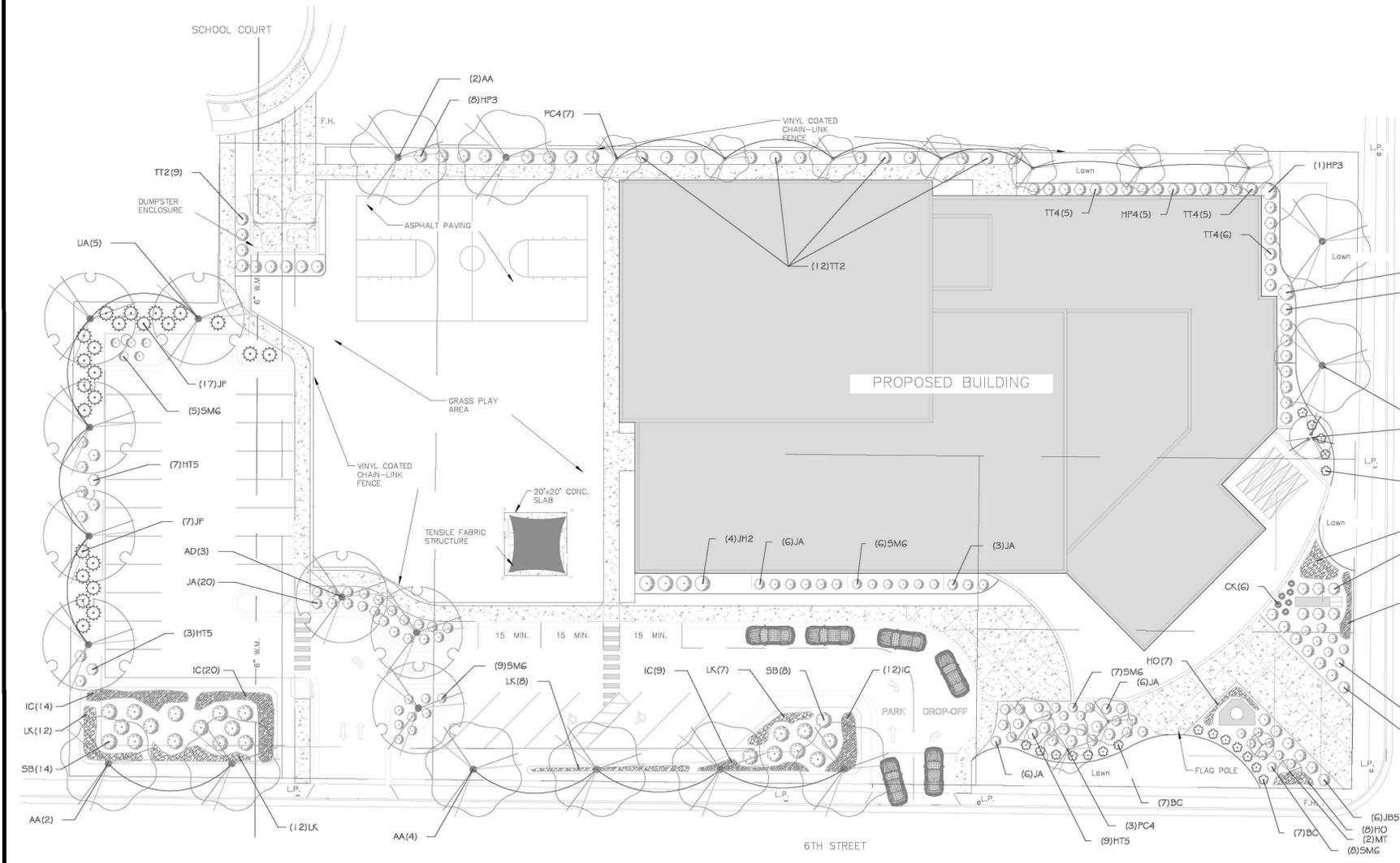


2 DUMPSTER - FRONT ELEVATION
A-0.2 1/4" = 1'-0"



1 DUMPSTER PLAN WITH SIDE GATE
A-0.2 1/4" = 1'-0"





LANDSCAPE PLAN GENERAL NOTES:

1. ALL PLANT MATERIAL SHALL BE A QUALITY CONSISTENT WITH STANDARDS OF AMERICAN ASSOCIATION OF NURSERYMEN (ANSI 260.1).
2. ALL AREAS THAT ARE LANDSCAPED WITH BOULDERS, ROCK, AND/OR MULCH, SHALL HAVE A 3 OZ. NEED BARRIER FABRIC INSTALLED PRIOR TO FINISH LANDSCAPING MATERIAL BEING INSTALLED. REFER TO PLANS & SCHEDULE FOR FINISH LANDSCAPE MATERIAL TYPE.
3. ALL LANDSCAPE SHRUB/PLANT BEDS SHALL BE EDGED WITH COMMERCIAL GRADE PLASTIC EDGING SYSTEM, TYPICAL.
4. ALL LAWN AREAS TO BE SEEDED & MULCHED AS REQUIRED TO MINIMIZE SEED WASH-OUT. PROVIDE TOPSOIL AND FINISH GRADING AS REQUIRED.
5. LANDSCAPING OF SITE AS SHOWN. FINAL SPECIES OF PLANTINGS TO BE APPROVED BY ARCHITECT/MUNICIPALITY IF REVISED BY LANDSCAPER.

PLANT SCHEDULE

TREES	COMMON NAME	BOTANICAL NAME	SIZE	QTY
AA	Autumn Blaze Maple	Acer freemanii 'Autumn Blaze'	2" b&b	10
AD	Deborah Maple	Acer platanoides 'Deborah'	2" b&b	3
AG	Autumn Brilliance Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	5-6" b&b	1
MT	Tina Crabapple	Malus x 'Tina'	2" b&b	2
PC4	Cleveland Select Pear	Pyrus calleryana 'Cleveland Select'	2" b&b	10
UA	Accolade Elm	Ulmus x 'Accolade'	2" b&b	5
SHRUBS	COMMON NAME	BOTANICAL NAME	SIZE	QTY
BC	Concord Barberry	Berberis thunbergii 'Concorde'	5 gal	19
HP4	Twist-n-Shout Hydrangea	Hydrangea macrophylla 'PIIHM-I'	5 gal	5
HP3	Pinky Winky Hydrangea	Hydrangea paniculata 'Pinky Winky'	5 gal	10
HT5	Tickled Pink Hydrangea	Hydrangea paniculata 'Tickled Pink'	5 gal	19
JH2	Hetzl Column Juniper	Juniperus chinensis 'Hetzl Columnans'	5 gal	4
(5)BC	Sea Green Juniper	Juniperus chinensis 'Sea Green'	5 gal	24
JA	Andorra Compact Juniper	Juniperus horizontalis 'Compacta'	3 gal	41
JB5	Broadmoor Juniper	Juniperus sabina 'Broadmoor'	5 gal	13
J5	Savin Juniper	Juniperus sabina 'Savin'	5 gal	6
SB	Black Lace Elderberry	Sambucus nigra 'Black Lace'	2 gal	22
SM6	Magic Carpet Spirea	Spiraea japonica 'Magic Carpet'	3 gal	42
TT4	Tauton Yew	Taxus x media 'Tautoni'	3 gal	24
TT2	Techny Arborvitae	Thuja occidentalis 'Techny'	6-7" b&b	21
GRASSES	COMMON NAME	BOTANICAL NAME	SIZE	QTY
CK	Karl Foerster Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 gal	6
PERENNIALS	COMMON NAME	BOTANICAL NAME	SIZE	QTY
HO	Stella de Oro Daylily	Hemerocallis x 'Stella de Oro'	1 gal	15
IC	Caesar's Brother Iris	Iris sibirica 'Caesar's Brother'	1 gal	55
LK	Kobold Liatris	Liatris spicata 'Kobold'	1 gal	39
RV	Little Suzy Black-Eyed Susan	Rudbeckia fulgida 'Viettes's Little Suzy'	1 gal	10
SC4	Cardonna Salvia	Salvia nemorosa 'Caradonna'	1 gal	6

NOTES:
 -All planting beds to be separated from lawn by Commercial Grade Cobra Edging
 -All planting beds to have shredded hardwood mulch
 -Rain Gardens to be covered with hardwood mulch



Schmalz
 Custom Landscaping
 and Garden Center

LANDSCAPE ARCHITECTURE
 DEVELOPMENT
 CONSTRUCTION
 AWARD WINNING DESIGN
 AND INSTALLATION

W2484 CTY RD KK
 APPLETON, WI 54915-9464
 PHONE 920-733-8223
 FAX 920-733-3262
 WWW.SCHMALZLANDSCAPING.COM

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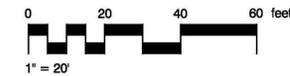
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NORTH

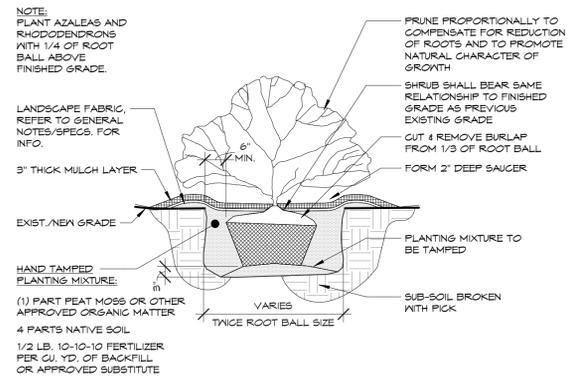
Boys & Girls Club - Menasha
 6th Street
 Menasha, WI 54952

DATE: 7/16/2014
REVISED:
PHONE NO. 000-000-0000
EMAIL: emailaddress@here.com
SCALE: 1" = 20'-0"
DRAWN BY: PCV
SHEET TITLE: Landscape Plan
SHEET NO. L-1
JOB # FILE NO.

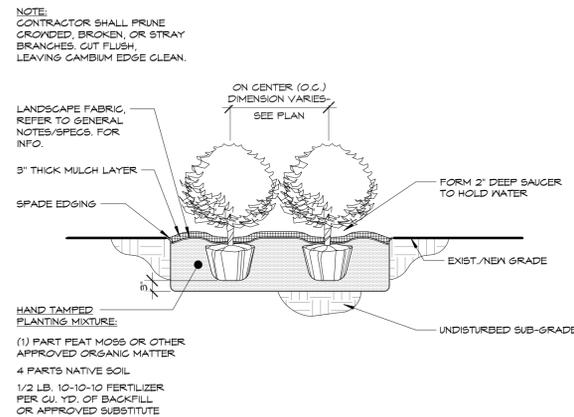


LANDSCAPE PLAN GENERAL NOTES:

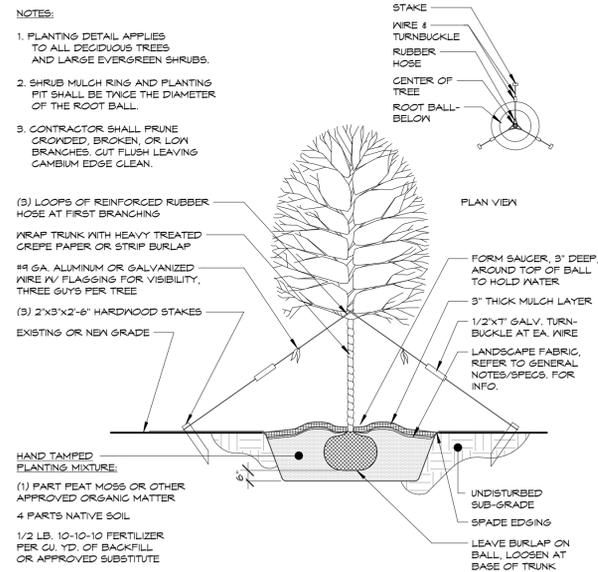
1. ALL PLANT MATERIAL SHALL BE A QUALITY CONSISTENT WITH STANDARDS OF AMERICAN ASSOCIATION OF NURSERYMEN (ANSI Z60.1).
2. ALL AREAS THAT ARE LANDSCAPED WITH BOULDERS, ROCK, AND/OR MULCH, SHALL HAVE A 3 OZ. WEED BARRIER FABRIC INSTALLED PRIOR TO FINISH LANDSCAPING MATERIAL BEING INSTALLED. REFER TO PLANS & SCHEDULE FOR FINISH LANDSCAPE MATERIAL TYPE.
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5. LANDSCAPING OF SITE AS SHOWN. FINAL SPECIES OF PLANTINGS TO BE APPROVED BY ARCHITECT/MUNICIPALITY IF REVISED BY LANDSCAPER.



3 SHRUB INSTALLATION- BALL & BURLAP
L-0.2 1/2" = 1'-0"



2 SHRUB INSTALLATION- CONTAINER
L-0.2 1/2" = 1'-0"



1 TREE INSTALLATION DETAIL
L-0.2 1/4" = 1'-0"

GENERAL NOTES:

1. THE LANDSCAPE REQUIREMENTS OF GOVERNMENTAL AGENCIES, WHEN IN CONFLICT WITH INFORMATION SHOWN ON THESE PLANS, SHALL TAKE PRECEDENCE OVER ANY AND ALL SPECIFICATIONS AND GUIDELINES SET FORTH HEREIN.
2. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR PLANTING AND SHALL BE RESPONSIBLE FOR THEIR REPAIR OR PAY FOR ALL DAMAGES MADE TO UNDERGROUND UTILITIES.
3. ALL AREAS NOT COVERED BY BUILDING, PAVEMENTS OR OTHER PERMANENT CONSTRUCTION SHALL BE PLANTED, SEEDED AND/OR MULCHED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

PLANT MATERIALS:

1. PROVIDE PLANTS OF QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY SHOWN AND SCHEDULED AND IN CONFORMANCE WITH THE REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". PLANTS SHALL HAVE BEEN GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE.
2. ALL PLANTS SHALL BE FULL, WELL-BRANCHED PLANTS CHARACTERISTIC OF THE SPECIES. PLANTS SHALL BE FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS, OR DISFIGUREMENT.
3. PLANT STOCK SHALL HAVE BEEN GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO CONDITIONS IN THE LOCALITY OF THE PROJECT.
4. LABEL AT LEAST ONE PLANT OF EACH KIND WITH A SECURELY ATTACHED WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTANICAL AND COMMON NAME.
5. PROVIDE FRESHLY DUG BALLED & BURLAPPED PLANT MATERIALS. DO NOT DROP BALLED & BURLAPPED STOCK DURING DELIVERY.
6. DO NOT REMOVE CONTAINER-GROWN STOCK FROM CONTAINERS UNTIL PLANTING TIME.

LAWN INSTALLATION:

1. LAWN AREAS SHALL BE PREPARED ACCORDING TO THE SECTION BELOW ENTITLED "SEEDBED PREPARATION".
2. LOCALLY-GROWN SOD SHALL BE PROVIDED IN AREAS WHERE SEEDING IS NORMALLY UNSUCCESSFUL OR WILL BE UNSUCCESSFUL DUE TO CLIMATE, SEASON, OR OTHER TEMPORARY CONSTRAINT. SOD SHALL BE STRONGLY ROOTED, FREE OF KEEPS, AND OF UNIFORM THICKNESS WITH NO MORE THAN 1.5 INCHES OR LESS THAN 1 INCH OF SOIL.
3. SOD SHALL BE TIGHTLY-FITTED TOGETHER. ENDS AND EDGES SHALL MEET WITHOUT OVERLAP AND JOINTS SHALL BE STAGGERED WITH ADJACENT ROWS. AFTER INSTALLATION, SOD SHALL BE THOROUGHLY WATERED. ON SLOPES STEEPER THAN 2:1, SOD SHALL BE HELD IN PLACE WITH WOODEN STAKES MEASURING 1 INCH SQUARE BY 6 INCHES LONG. STAKES SHALL BE DRIVEN FLUSH WITH THE TOP OF THE SOD'S SOIL LAYER.
4. PROVIDE GRASS SEED THAT IS FRESH, CLEAN, NON-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSTS OF NORTH AMERICA. PROVIDE SEED TYPE OR SEED MIX WITH BEST RECORD OF SUCCESS IN LOCALITY OF PROJECT.
5. APPLY SEED AT THE APPROPRIATE RATE FOR ESTABLISHING A NEW LAWN. SOW SEED USING A SPREADER OR SEEDING MACHINE. DISTRIBUTE SEED EVENLY OVER ENTIRE AREA BY SOWING EQUAL QUANTITY IN 2 DIRECTIONS AT RIGHT ANGLES TO EACH OTHER. RAKE SEED LIGHTLY INTO TOP 1/8-INCH OF SOIL, ROLL LIGHTLY, AND WATER WITH A FINE SPRAY.
6. PROTECT ALL SEEDED AREAS AGAINST EROSION BY SPREADING A CLEAN, SEED-FREE SALT HAY OR THRESHED STRAW OF WHEAT, RYE, OATS, OR BARLEY. SPREAD UNIFORMLY TO FORM A CONTINUOUS BLANKET NOT LESS THAN 1.5 INCHES LOOSE MEASUREMENT OVER SEEDED AREA. MULCH SHALL BE HELD IN PLACE WITH AN APPROVED PRODUCT FROM THE "EROSION CONTROL PRODUCT ACCEPTABILITY LIST, OR GRIMPING OF THE STRAW IN PLACE PER STANDARD 1095.
7. TREATMENTS SUCH AS JUTE MESH, EXCELSEOR MATTING, OR FIBERGLASS ROVING SHALL BE USED TO STABILIZE DITCHES OR STEEP SLOPES SUSCEPTIBLE TO EROSION. THE TREATMENT SHALL BE INSTALLED PRIOR TO THE MULCHING OPERATION.

INSTALLATION OF PLANT MATERIALS:

1. INSTALL TREES AND SHRUBS ACCORDING TO STANDARD DETAILS SHOWN ON THE PLAN.
2. ALL TREE SAUCERS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
3. ALL TREE SAUCERS AND SHRUB BEDS SHALL BE MULCHED WITH A 3-INCH LAYER OF ORGANIC MULCH SUCH AS PINE STRAW, SHREDDED HARDWOOD, OR LICORICE ROOT. NON-ORGANIC MULCHES SUCH AS GRAVEL, CRUSHED BRICK, LAVA ROCK, ETC. ARE UNACCEPTABLE.
4. TREE GUYING SHALL BE REMOVED AFTER ONE FULL GROWING SEASON.
5. APPLY 12 CUBIC FEET OF PEAT MOSS PER 100 SQUARE FEET AND 20 POUNDS OF 0-0-0 FERTILIZER PER 100 SQUARE FEET OF GROUND COVER PLANTING BEDS. ROTOTILL THE BEDS TO A DEPTH OF 6 INCHES AND SMOOTH TO AN EVEN AND UNIFORM SURFACE. PLANT GROUND COVER MATERIALS, APPLY 2 INCHES OF ORGANIC MULCH, AND WATER.

MAINTENANCE & WARRANTY:

1. MAINTENANCE OF PLANT MATERIALS AND LAWN AREAS SHALL BEGIN IMMEDIATELY AFTER INSTALLATION AND SHALL CONTINUE UNTIL FINAL ACCEPTANCE, BUT IN NO CASE, LESS THAN THE FOLLOWING STATED PERIODS:
PLANT MATERIALS: 90 DAYS AFTER SUBSTANTIAL COMPLETION
LAWN AREAS: 60 DAYS AFTER SUBSTANTIAL COMPLETION
2. AFTER REQUIRED MAINTENANCE PERIOD, THE OWNER, UPON REQUEST, WILL MAKE AN INSPECTION TO DETERMINE ACCEPTABILITY. UNACCEPTABLE WORK SHALL BE REPAIRED OR REPLACED AND REINSPECTED BEFORE FINAL ACCEPTANCE IS GRANTED.
3. A WRITTEN WARRANTY SHALL BE PROVIDED TO THE OWNER GUARANTEEING THAT ALL PLANT MATERIALS, SOD, AND/OR SEEDED AREAS WILL BE THRIVING FOR THE FOLLOWING STATED PERIODS:
TREES, SHRUBS, AND GROUND COVERS: ONE YEAR AFTER FINAL ACCEPTANCE
SOD AND SEEDED AREAS: 90 DAYS AFTER FINAL ACCEPTANCE
PERENNIALS: 90 DAYS AFTER FINAL ACCEPTANCE
4. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH WRITTEN INSTRUCTIONS REGARDING MAINTENANCE OF EACH TYPE OF VEGETATION. THE OWNER IS RESPONSIBLE FOR PROPER MAINTENANCE OF THE MATERIALS DURING THE WARRANTY PERIOD AS OUTLINED IN THE MAINTENANCE INSTRUCTIONS. THE CONTRACTOR SHALL MAKE PERIODIC INSPECTIONS OF THE SITE AND WILL INFORM THE OWNER OF ANY LACK OF PROPER MAINTENANCE IN WRITING. OWNER'S FAILURE TO COMPLY WITH THE MAINTENANCE PROGRAM SHALL RENDER THE WARRANTY NULL AND VOID.
5. THE CONTRACTOR IS NOT RESPONSIBLE FOR ACTS OF NATURE INCLUDING AB-NORMAL WEATHER CONDITIONS, EROSION, VANDALISM, NOR DAMAGES BY OTHERS. IF ANY CONDITIONS BEYOND THE CONTROL OF THE CONTRACTOR SHOULD OCCUR, THE MATERIALS AFFECTED WILL NO LONGER BE COVERED BY THE WARRANTY.

SEEDBED PREPARATION:

1. ALL DISTURBED AREAS SHALL BE DRESSED TO THE TYPICAL SECTIONS AND/OR GRADES SHOWN AND FLOVED TO A DEPTH OF 8 INCHES. THE TOP 2 INCHES SHALL BE PULVERIZED TO PROVIDE A UNIFORM SEEDBED. (NOTE: LIME SHALL BE APPLIED BEFORE PLOWING OPERATION.)
2. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER DEBRIS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM. SOIL LEVEL SHALL BE APPROXIMATELY 1 INCH BELOW ALL TOPS OF CURBS AND WALKWAYS.
3. APPLY LIME AND FERTILIZER WITH NECESSARY EQUIPMENT TO ENSURE UNIFORM DISTRIBUTION OF THE MATERIALS. THE HAND/BUCKET METHOD IS NOT ACCEPTABLE. THE RATES AND TYPES OF MATERIALS TO BE APPLIED ARE AS FOLLOWS:
TURFGRADE FERTILIZER WITH SLOW RELEASE NITROGEN (E.G. 10-24-10)
- RATE THAT WILL PROVIDE 5 LBS. OF PHOSPHORUS PER 1000 SQUARE FEET
75 LBS. PER 1000 SQUARE FEET
LIMESTONE - (LIMESTONE MAY BE WAIVED IF EXISTING PH IS GREATER THAN 5.5.)
4. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING. IF SOIL IS DRY, ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.



date: 07/16/2014

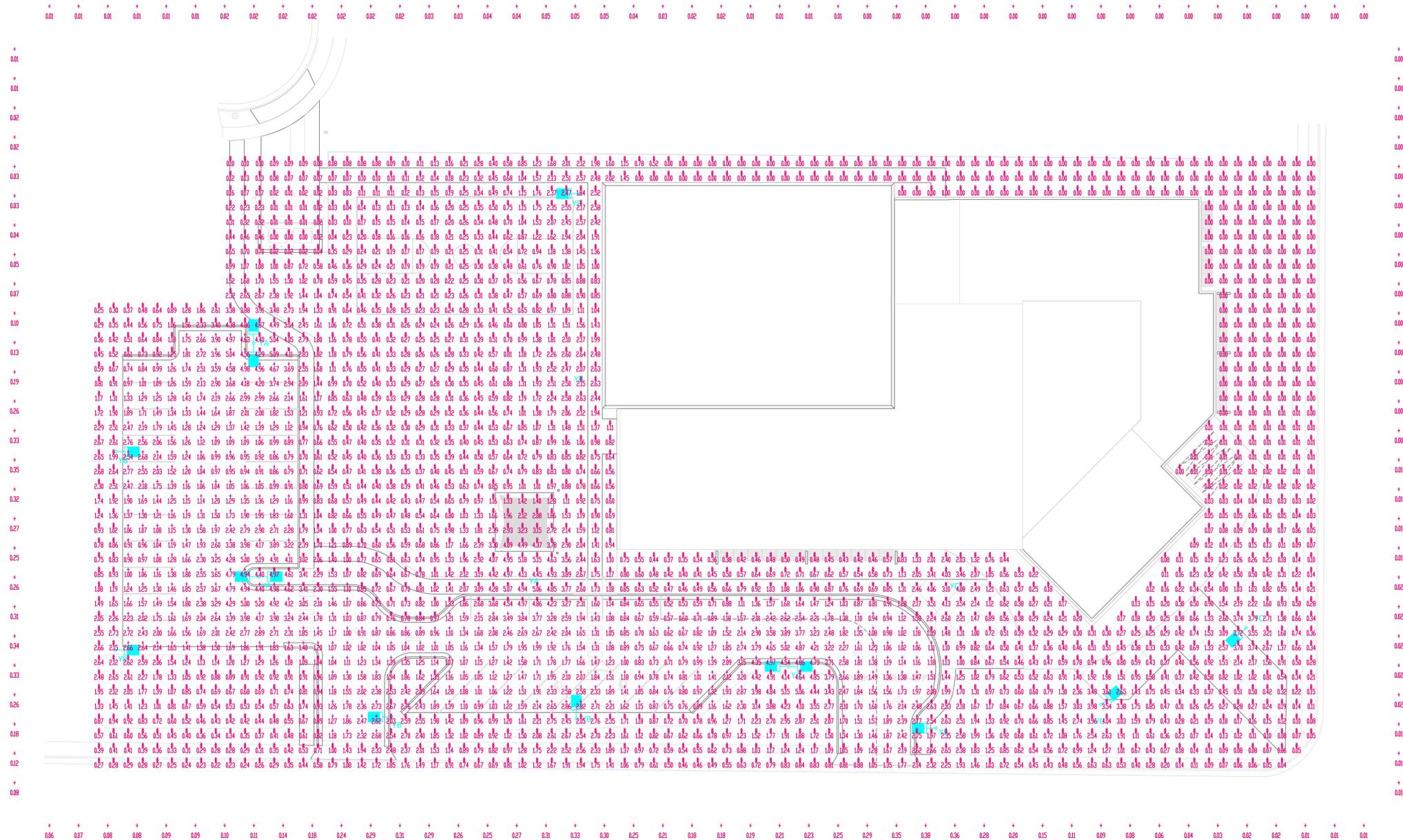
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d. by: SMB

rev.:

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PLOTTED ON 7/15/2014 11:31 AM. ARCHD:\247\3071\51014\JOB\BOYS AND GIRLS\COMPARISON\DESCRIPTION\DESIGN\DRAWINGS\ELC\WITH\REF\ACTIVE\DRAWING\ELC_101P.DWG



1 PHOTOMETRIC LIGHTING PLAN
Scale: 1" = 20'-0"

CALCULATION SUMMARY (AT GRADE, ASSUMES A FLAT GRADE)										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPACING	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
New Area	453.90x259.20Ft	Property / H-H	537	5.00	<+> parking	1.89	5.20	0.57	9.19	3.35
			177	5.00	<-> sidewalk	1.67	5.09	0.41	12.36	4.05
			1691	5.00	<+> other	0.86	5.18	0.00	N/A	N/A
		Perimeter / H-P	144	10.00	<+> lt. trespass	0.09	0.38	0.00	N/A	N/A

CALCULATION LUMINAIRE SCHEDULE							
TYPE	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
YA		LUMINIS INC. (2) "W150" W766-M150	(2) MH 150W/U/PS/740 VEN	14000	17' POLE 2' BASE	0.75	4
YB		LUMINIS INC. (1) "W150" W766-M150	(1) MH 150W/U/PS/740 VEN	14000	17' POLE 2' BASE	0.75	7
YC		LUMINIS INC. (1) "W100" W766-M100	(1) MH 100W/U/PS VENTURE	9000	10' POLE 6" BASE	0.65	3

FAITH TECHNOLOGIES
ELECTRICAL CONTRACTOR

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Boy's and Girl's Club
Menasha, WI
New Building Site
Photometric Lighting Plan

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NO.	REVISIONS:
A	Site Plan Review Submittal

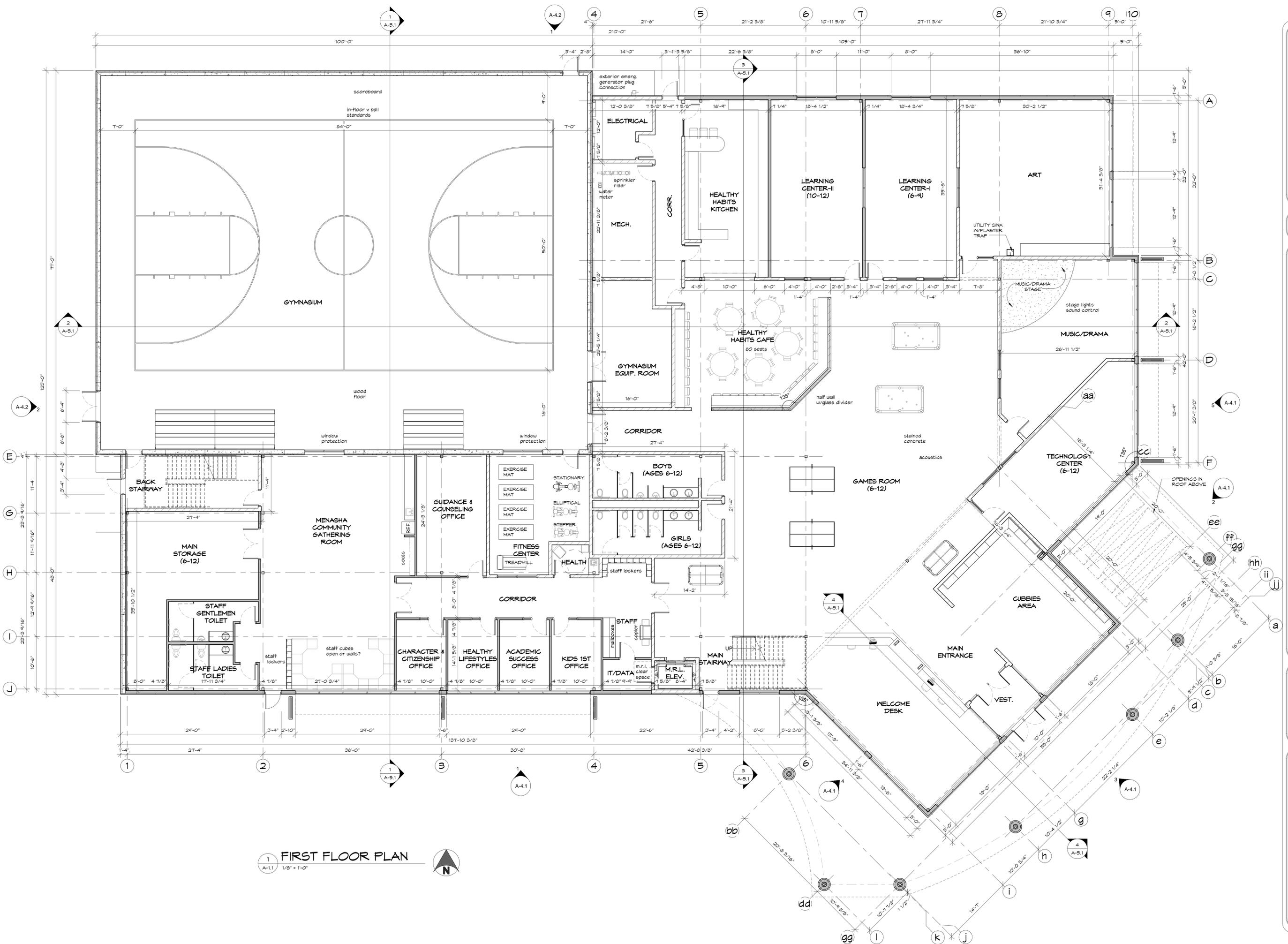
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APPROVED BY:
DATE: 07/14/2014
SCALE: 1" = 20'-0"

SHEET
ES-101P

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1 FIRST FLOOR PLAN
 A-1.1 1/8" = 1'-0"

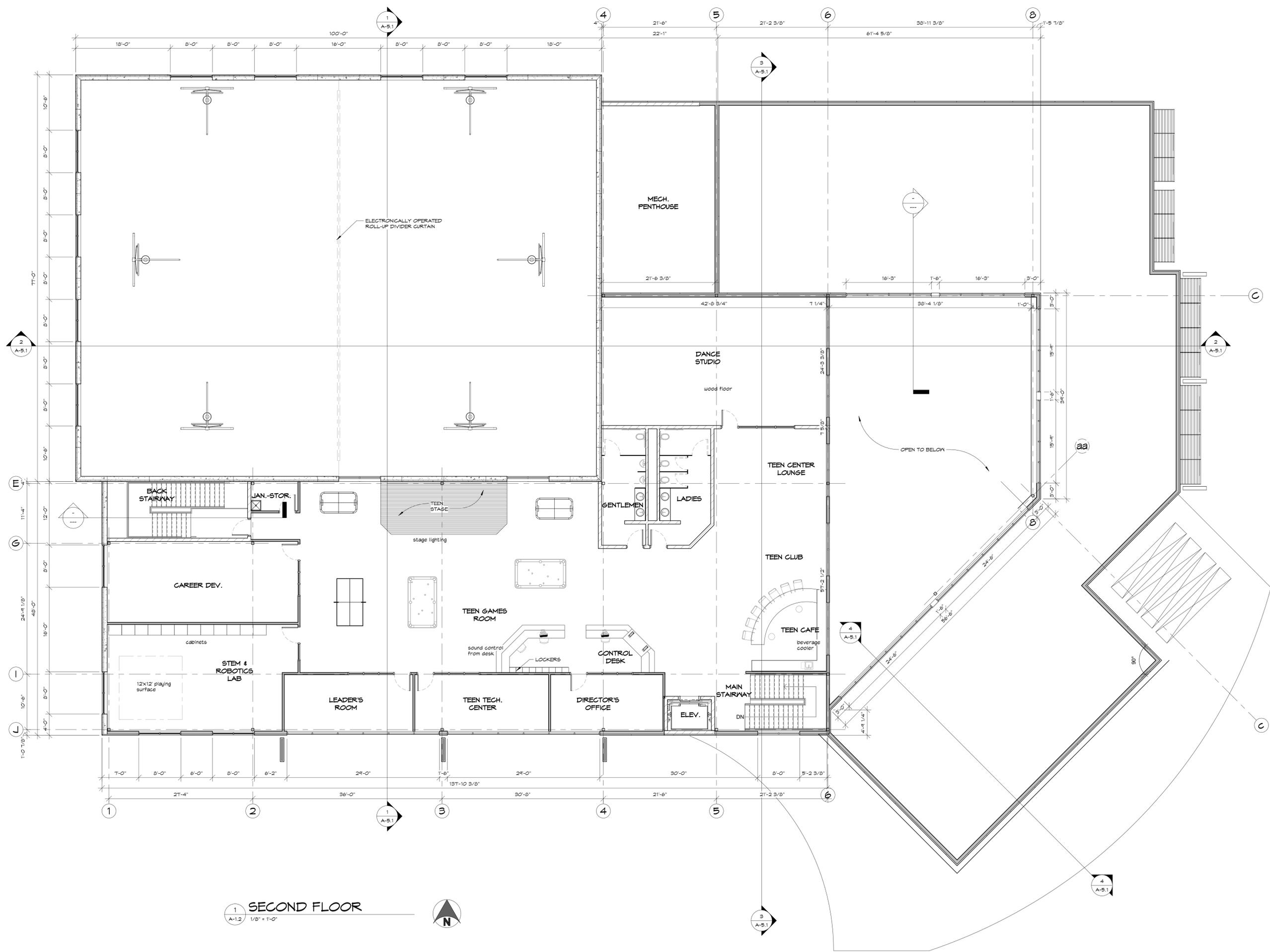
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 MENASHA, WISCONSIN

date: 07/16/2014
 job: 14-009
 d. by: SS, LCF, SB, MJB
 rev.:

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1
A-1.2
1/8" = 1'-0"

SECOND FLOOR



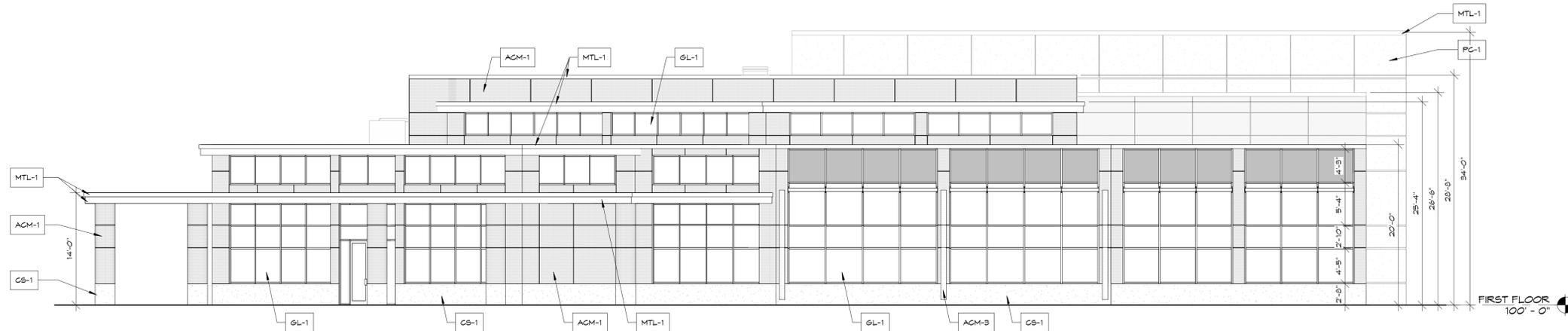
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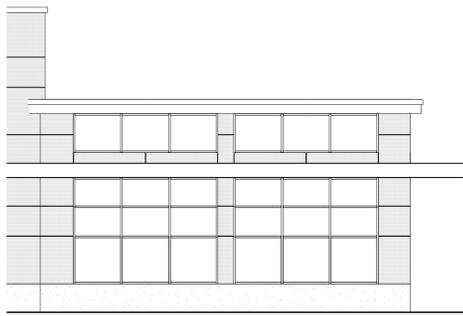
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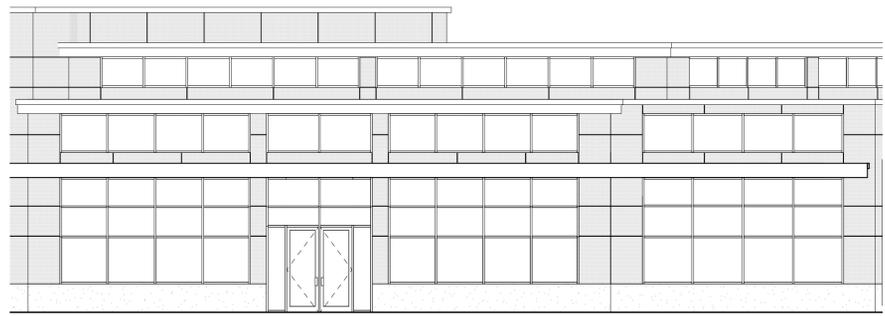
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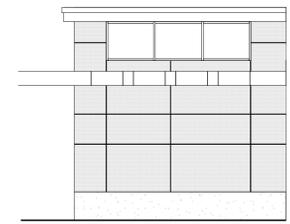
5 EAST ELEVATION
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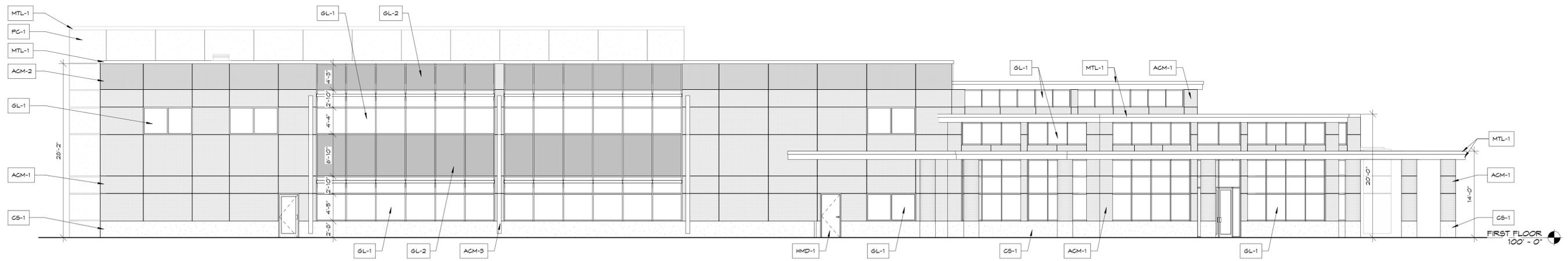
4 SOUTHWEST ENTRY
A-4.1 1/8" = 1'-0"



3 FRONT ENTRY
A-4.1 1/8" = 1'-0"



2 NORTHEAST ENTRY
A-4.1 1/8" = 1'-0"



1 SOUTH ELEVATION
A-4.1 1/8" = 1'-0"

NOTE:
PREP EXPOSED CONCRETE AND APPLY CEMENTITIOUS COATING ON ALL EXPOSED CONCRETE WALLS.

CURTAIN WALL/STOREFRONT NOTE:
PROVIDE PREFINISHED ALUMINUM SLIP HEAD TO MATCH ALUMINUM STOREFRONT, CURTAIN WALL SYSTEM.
PROVIDE PREFINISHED EXTRUDED ALUMINUM-THERMALLY BROKEN SILL FLASHING WITH END DAMS. INSTALL WITH A POSITIVE SLOPE AWAY FROM INTERIOR AND SET IN SEALANT AND INSTALL PER MANUFACTURER'S WRITTEN SPECIFICATIONS.
PROVIDE ALL SHIMS, SEALANT & BACKER ROD PER MANUFACTURER'S SPECIFICATIONS.

KEY NOTE	MATERIAL SUMMARY
ACM-1	ALUMINUM COMPOSITE PANEL: MANUFACTURER: ALCOA OR EQUAL STYLE: 4MM THICK BONDED METAL PANEL W/ NON RADIUS 90° BEND. RAIN-SCREEN TYPE JOINTS: TO BE 1/2" TESTED DRY SYSTEM WITH EXTRUSIONS TO MATCH PANELS (RAIN SCREEN SYSTEM) COLOR: PURE WHITE LOCATION: EXTERIOR
ACM-2	ALUMINUM COMPOSITE PANEL: MANUFACTURER: ALCOA OR EQUAL STYLE: 4MM THICK BONDED METAL PANEL W/ NON RADIUS 90° BEND. RAIN-SCREEN TYPE JOINTS: TO BE 1/2" TESTED DRY SYSTEM WITH EXTRUSIONS TO MATCH PANELS (RAIN SCREEN SYSTEM) COLOR: BRIGHT SILVER METALLIC LOCATION: EXTERIOR
ACM-3	ALUMINUM COMPOSITE PANEL: MANUFACTURER: ALCOA OR EQUAL STYLE: 4MM THICK BONDED METAL PANEL W/ NON RADIUS 90° BEND. RAIN-SCREEN TYPE JOINTS: TO BE 1/2" TESTED DRY SYSTEM WITH EXTRUSIONS TO MATCH PANELS (RAIN SCREEN SYSTEM) COLOR: YELLOW LOCATION: EXTERIOR
CS-1	CAST STONE PANEL: MANUFACTURER: TBD COLOR: WHITE LOCATION: EXTERIOR
GL-1	EXTERIOR CURTAIN WALL/STOREFRONT: STYLE: 1" DOUBLE GLAZED, TEMPERED, PPG SOLARBAN 60, SOLARBALUE. PROVIDE PREFINISHED EXTRUDED ALUMINUM - THERMALLY BROKEN SILL FLASHING WITH END DAMS, ON SHIM COLOR: CLEAR ANODIZED ALUMINUM LOCATION: EXTERIOR GLAZING LOCATIONS NOTE: REFER TO DOOR AND FRAME DETAILS FOR ADDITIONAL INFORMATION
GL-2	EXTERIOR CURTAIN WALL/STOREFRONT: STYLE: 1" DOUBLE GLAZED, TEMPERED, SPANDREL GLASS. PROVIDE PREFINISHED EXTRUDED ALUMINUM - THERMALLY BROKEN SILL FLASHING WITH END DAMS, ON SHIM COLOR: CLEAR ANODIZED ALUMINUM LOCATION: EXTERIOR GLAZING LOCATIONS NOTE: REFER TO DOOR AND FRAME DETAILS FOR ADDITIONAL INFORMATION
HMD-1	INSULATED HOLLOW METAL DOOR COLOR: PAINTED TO MATCH ADJACENT EXTERIOR WALL COLOR NOTES: PROVIDE INSULATED VISION GLASS AS INDICATED. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION
MTL-1	FORMED METAL COPING: MANUFACTURER: PAC-CLAD OR UNI-CLAD STYLE: PREFINISHED METAL COPING COLOR: TO MATCH ADJACENT WALL LOCATION: PARAPET CAP
PC-1	INSULATED PRECAST CONCRETE PANEL: MANUFACTURER: SPANCRETE OR EQUAL FINISH: WHITE CONCRETE WITH SANDBLAST TEXTURE LOCATION: EXTERIOR

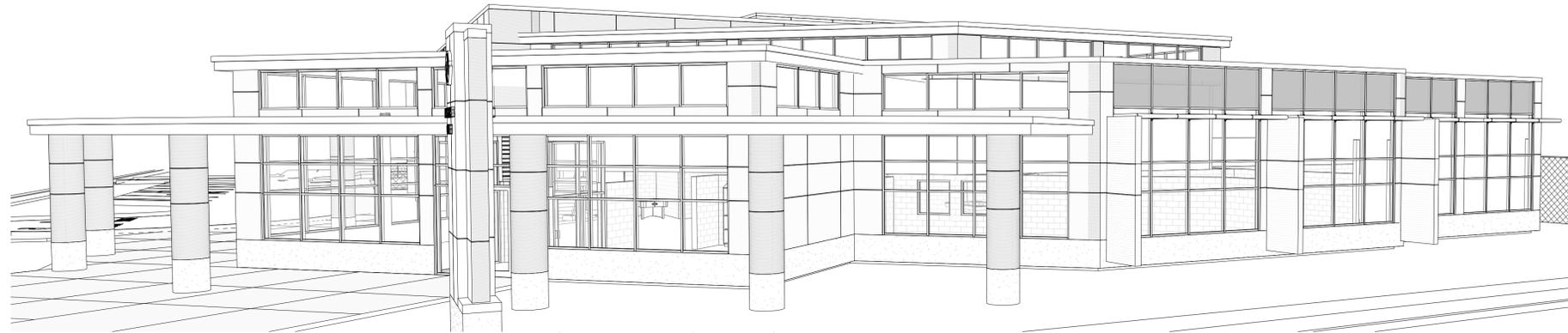
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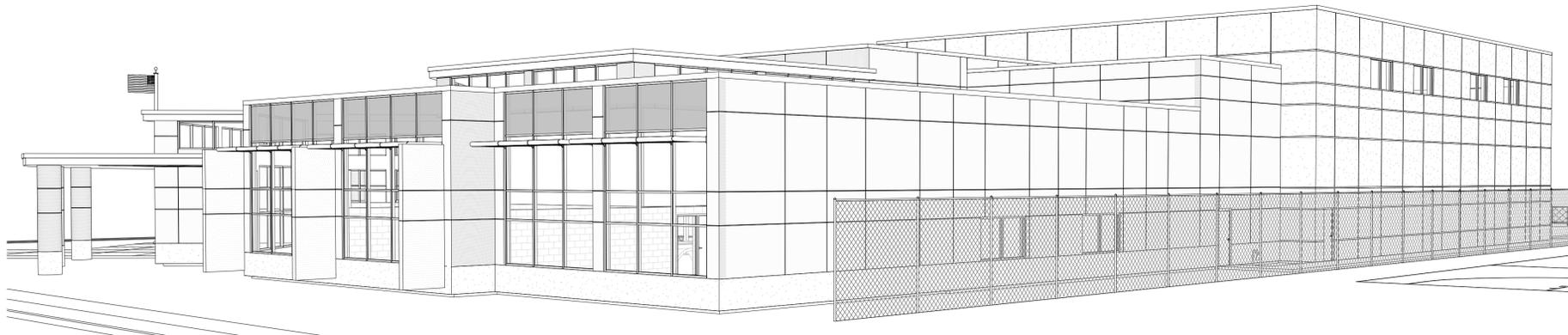
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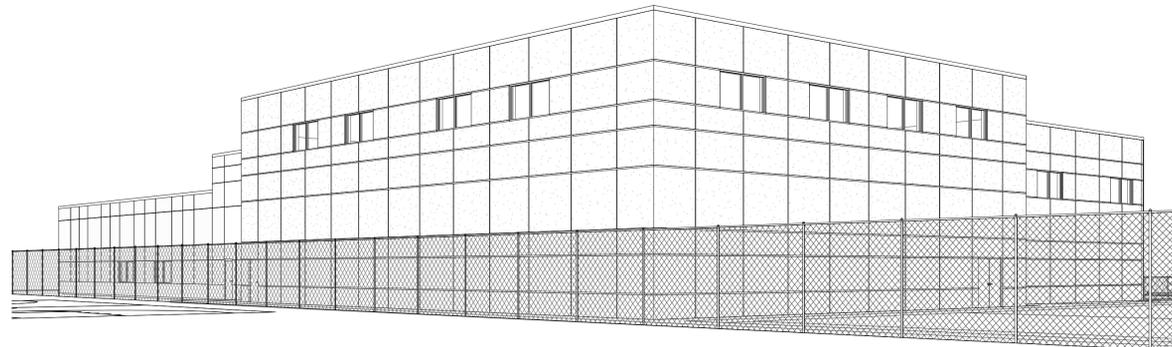
1 3D View- Towards Southeast Corner
A-4.3



2 3D View- Towards Southwest Corner
A-4.3



3 3D View- Towards Northeast Corner
A-4.3



4 3D View- Towards Northwest Corner
A-4.3

