

It is expected that a Quorum of the Joint Review Board, 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**

**September 15, 2015  
3:30 PM**

**AMENDED AGENDA**

3:30 PM – *Public Hearing Regarding the Proposed amendments to Title 13 of the Menasha Code of Ordinances pertaining to existing Mini warehouse facilities in the C-1 General Commercial District and C-4 Business Park District.*

A. ROLL CALL/EXCUSED ABSENCES

B. MINUTES TO APPROVE

1. [Minutes of the August 18, 2015 Plan Commission Meeting](#)

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

Five (5) minute time limit for each person

D. DISCUSSION

1. None.

E. ACTION ITEMS

1. [Ordinance Related to Existing Mini Warehouse/Storage Facilities in the C-1 and C-4 Zoning Districts](#)
2. [Site Plan Review – Stansbury & Brady, LLC – Orthopedic Spine Therapy – Midway Place/Midway Road \(Parcel #4-00776-05\)](#)
3. [Proposed Certified Survey Map – 320 Broad Street](#)
4. [Building Material Approval – Habitat for Humanity – 951 Midway Road](#)

F. ADJOURNMENT

**CITY OF MENASHA**  
**Plan Commission**  
**Council Chambers, City Hall – 140 Main Street**  
**August 18, 2015**  
**DRAFT MINUTES**

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**A. CALL TO ORDER**

The meeting was called to order at 3:33 PM by Mayor Merkes.

**B. ROLL CALL/EXCUSED ABSENCES**

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

PLAN COMMISSION MEMBERS EXCUSED: None.

OTHERS PRESENT: CDD Keil, AP Englebert, Roger Roth, Sr. (Habitat for Humanity), Dan Krause (Martenson & Eisele) and Steve Grenell (Menasha Utilities).

**C. MINUTES TO APPROVE**

1. **Minutes of the August 8, 2015 Plan Commission Meeting**

Motion by Comm. Schmidt, seconded by Comm. DeCoster to approve the August 8, 2015 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. **Ordinance Amendment to Allow the Expansion of Existing Non-conforming Mini Storage Facilities in the C-1 and C-4 Zoning Districts**

CDD Keil presented draft ordinance provisions which would allow the expansion of existing ministorage facilities in the C-1 and C-4 zoning districts subject to the special use permit process.

Commissioners discussed the potential benefits of upgrading the appearance of the properties through the site plan/special use permit process and what precedent this change may create for allowing expansions of other nonconforming properties.

**F. ACTION ITEMS**

1. **Certified Survey Map – 1049 Brighton Drive**

CDD Keil explained the CSM was being created to combine two existing lots where a house has been razed and a new home is to be constructed. Motion by Comm. Schmidt, seconded by Ald. Benner to approve the Certified Survey Map for 1049 Brighton Drive. The motion carried.

2. **Site Plan Review – Living Hope Church – 1164 Province Terrace**

AP Englebert presented the staff findings on the proposed site plan for the new church. Items included: interior parking lot landscaping, major lighting, stormwater, sanitary laterals and dumpster location.

Commissioners discussed the placement of parking lot interior landscaping, future parking lot expansion and the dumpster location/access.

Motion by Comm. Strum, seconded by Comm. DeCoster to approve the site plan for Living Hope Church pending resolution of the parking lot interior landscaping and dumpster location. The motion carried.

3. **Site Plan Review – Habitat for Humanity – 951 Midway Road – Building Addition**  
AP Englebert presented the staff findings on the proposed expansion of the building and parking lot. Items included dumpster location, drainage, masonry and outdoor storage. Dan Krause requested the use of alternate building materials in order to match the existing structure.

Commissioners discussed site drainage, building materials and whether there would be outdoor storage.

Motion by DPW Radtke, seconded by Comm. DeCoster to approve the site plan for Habitat for Humanity subject to the resubmission of building elevations. The motion carried.

4. **Easement for Trail Extension from Oak Park Place to Barker Farm Park**  
CDD Keil reported that the Park Board had reviewed the proposal to extend the proposed bike/pedestrian path within the Oak Park Place development to Barker Farm Park and is in support of the proposal. He also reported that the owners of the development do not object to the proposal.

Commissioners discussed where the trail would link to existing and proposed paths within the park and the timing of when such linkages may be made.

Motion by Comm. Sturm, seconded by Comm. Cruickshank to approve the extension of the easement to the eastern perimeter of Barker Farm Park. The motion carried.

#### **H. ADJOURNMENT**

Motion by Comm. Sturm, seconded by Comm. DeCoster to adjourn at 4:47 PM. The motion carried.

*Minutes respectfully submitted by CDD Keil.*

ORDINANCE O-\_\_\_\_-15

AN ORDINANCE RELATING TO EXISTING MINI WAREHOUSE AND STORAGE  
FACILITIES TITLE 13, CHAPTER 1 OF THE CODE OF ORDINANCES  
(Zoning)

Introduced at the recommendation of the Plan Commission.

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

SECTION 1: Amend Title 13, Article C, SEC.13-1-29(c)(18) and SEC. 13-1-37(c)(5) and Article D, Sec. 13-1-44(a)(4) of the Code of Ordinances of the City of Menasha, Wisconsin as follows:

**Title 13 – Zoning**

**CHAPTER 1**

Zoning Code

**ARTICLE C**

Zoning Districts

**SEC. 13-1-29 C-1 GENERAL COMMERCIAL DISTRICT.**

...

(c) **SPECIAL USES.**

...

(18) Expansion of mini warehouse facilities constructed prior to January 1, 1991.

...

**SEC. 13-1-37 C-4 - BUSINESS PARK DISTRICT.**

...

(c) **SPECIAL USES.**

...

(5) Expansion of mini warehouse facilities constructed prior to January 1, 1991.

...

**Title 13 – Zoning**

**CHAPTER 1**

Zoning Code

**ARTICLE D**

Non-conforming Uses, Structures and Lots

**SEC. 13-1-44 CHANGES TO EXISTING NONCONFORMING USES, STRUCTURES, AND LOTS.**

(a) **EXISTING NONCONFORMING USES.**

...

- (4) Mini warehouse facilities constructed prior to January 1, 1991 located within the C-1 and C-4 Zoning Districts may be expanded or enlarged subject to application for and approval of a special use permit. Any such addition or expansion shall comply with the zoning standards of the respective districts.

...

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

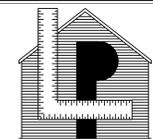
Passed and approved this \_\_\_ day of September, 2015.

\_\_\_\_\_  
Donald Merkes, Mayor

ATTEST:

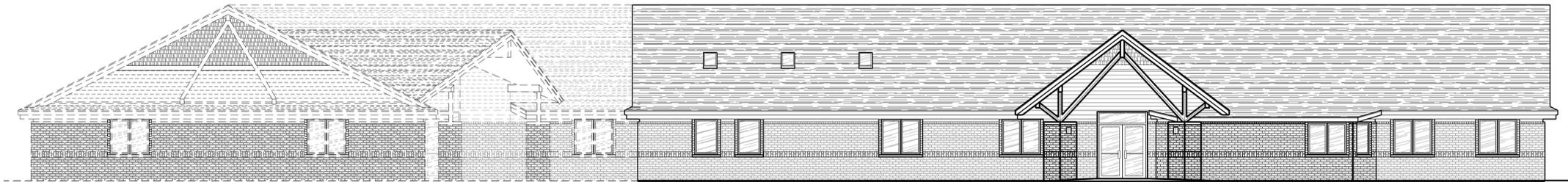
\_\_\_\_\_  
Deborah A. Galeazzi, City Clerk





**LaPlant**  
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PROPOSED BUILDING - COMPOSITE  
FRONT ELEVATION

SCALE: 1/8" = 1'-0"



PROPOSED BUILDING  
FRONT ELEVATION

SCALE: 1/4" = 1'-0"

ELEVATION NOTES:  
BUILDING MATERIAL PERCENTAGE  
OF FACADE

- BRICK 875 S.F. 84 %
- LAP SIDING 90 S.F. 4 %
- SHAKE SIDING 15 S.F. 2 %

TOTAL 100%



PROPOSED BUILDING  
SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

ELEVATION NOTES:  
BUILDING MATERIAL PERCENTAGE  
OF FACADE

- BRICK 380 S.F. 61 %
- LAP SIDING 160 S.F. 26 %
- SHAKE SIDING 85 S.F. 13 %

TOTAL 100%

**Stansbury &  
Brady, LLC**

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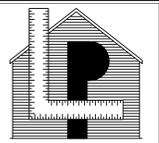
**ORTHOPEDIC  
SPINE THERAPY**

REVISION	DATE
x	xxx

DATE  
9/5/2015  
PROJECT NO.  
451002

SHEET  
**A  
1.1**

PRELIMINARY  
NOT FOR CONSTRUCTION



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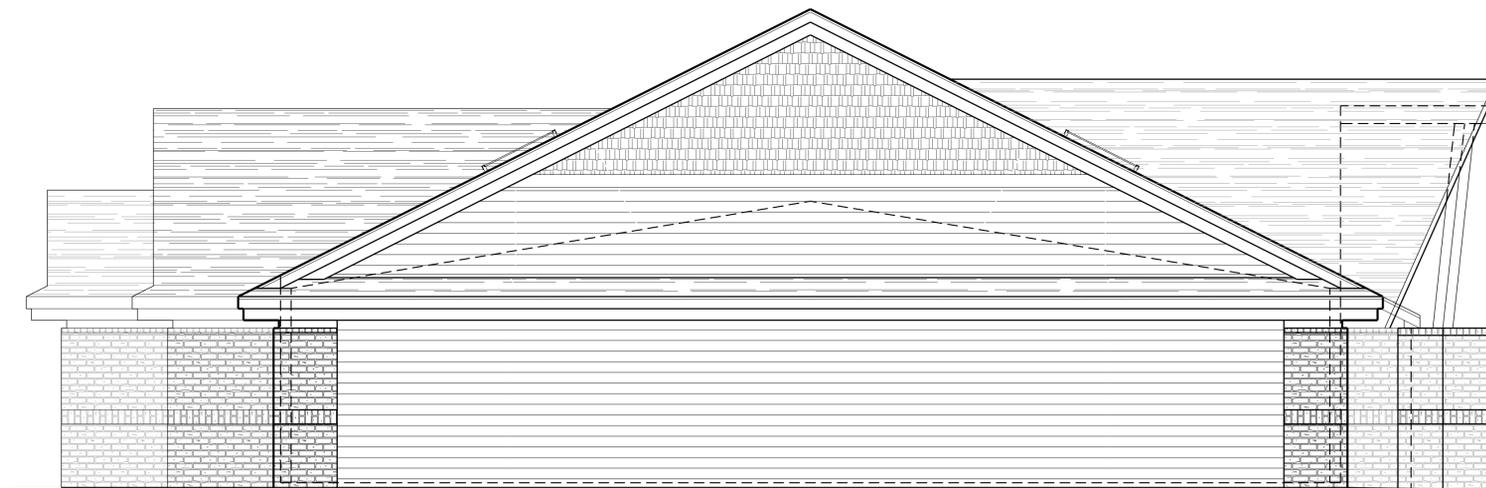


PROPOSED BUILDING - COMPOSITE  
EAST ELEVATION  
SCALE: 1/8" = 1'-0"



PROPOSED BUILDING  
EAST ELEVATION  
SCALE: 1/4" = 1'-0"

- ELEVATION NOTES:  
BUILDING MATERIAL PERCENTAGE  
OF FACADE
- BRICK 875 S.F. 92%
  - LAP SIDING 70 S.F. 7%
  - SHAKE SIDING 7 1%
  - TOTAL 100%



PROPOSED BUILDING  
NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

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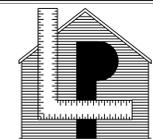
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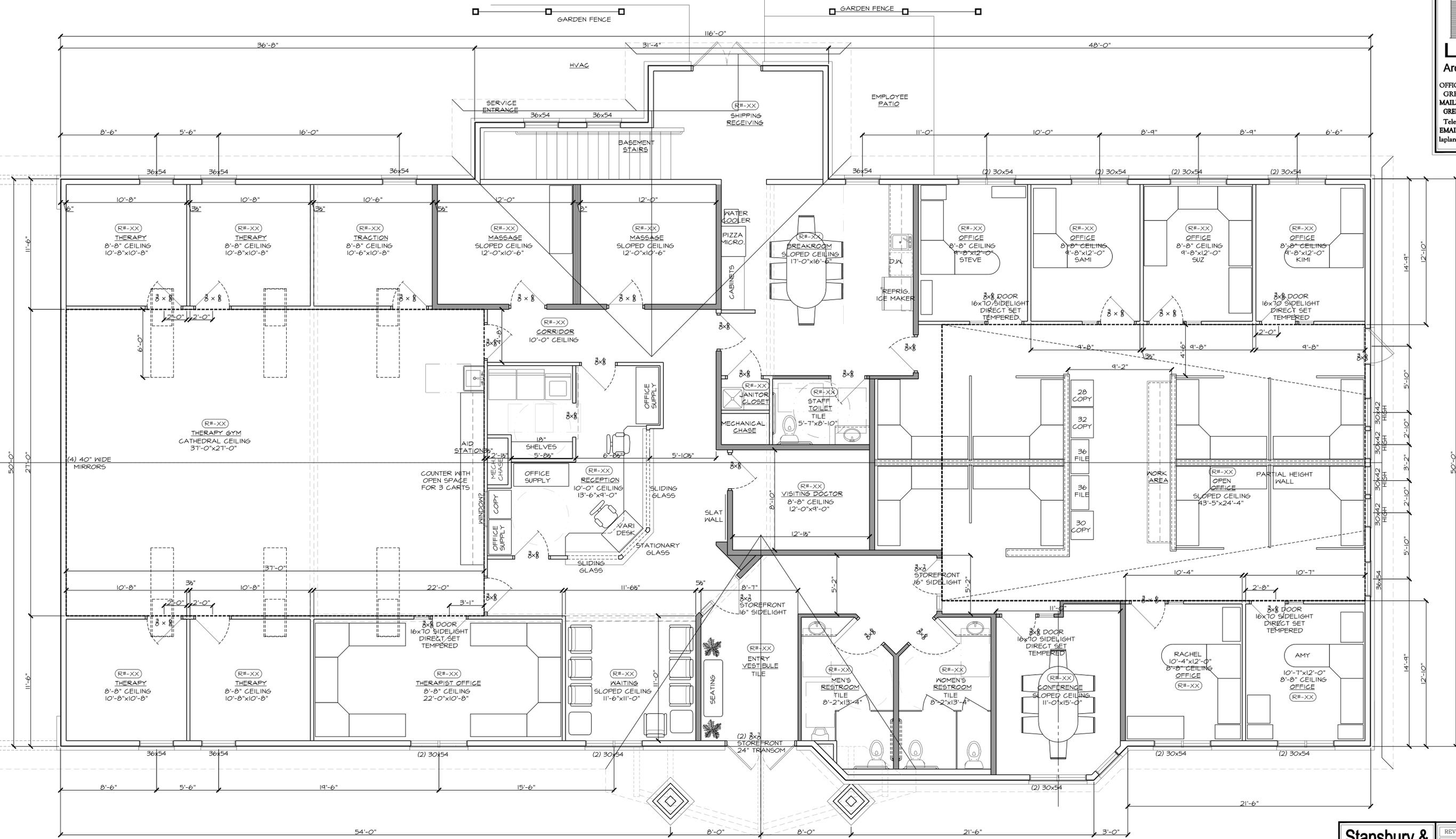
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**FLOOR PLAN**

SCALE: 1/4" = 1'-0"

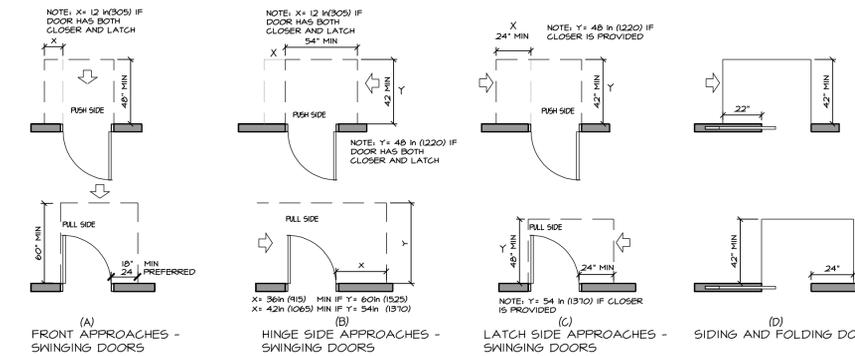
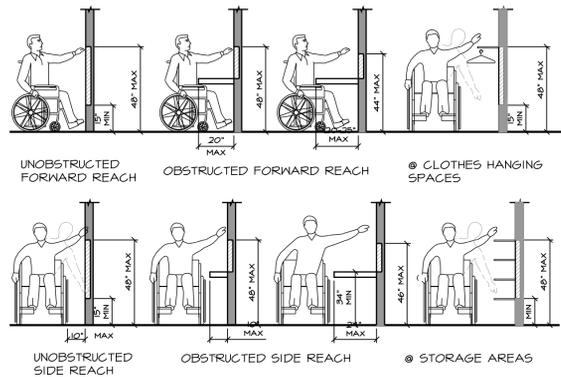
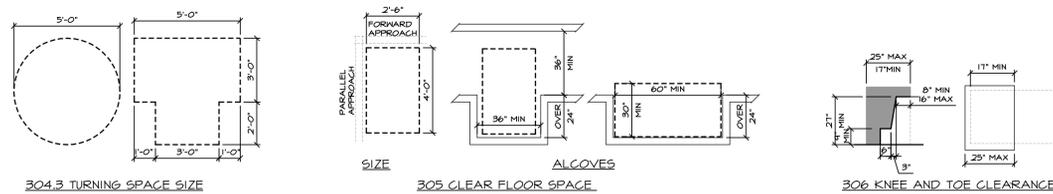
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**ORTHOPEDIC SPINE THERAPY**

DATE: 9/5/2015  
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SHEET: **A 2.1**

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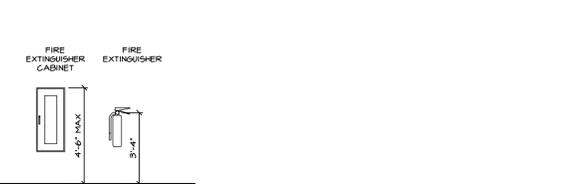
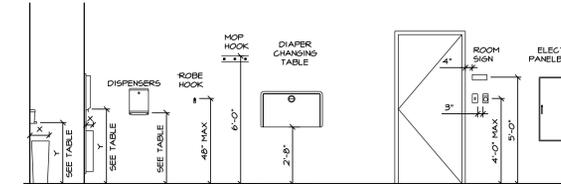
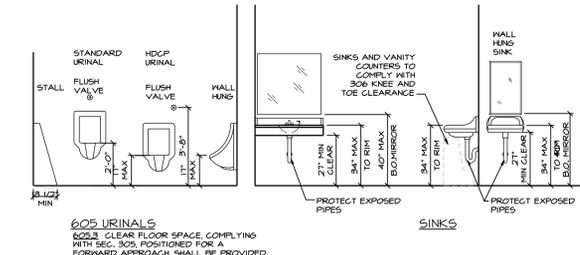
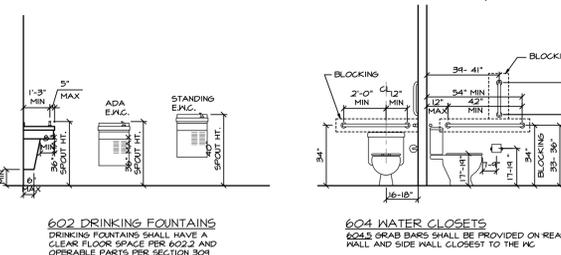
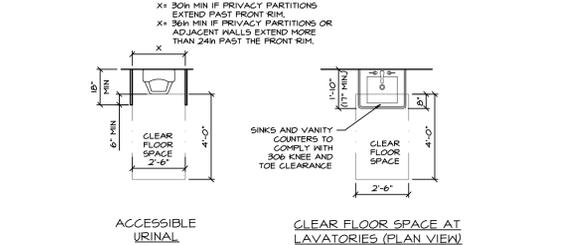
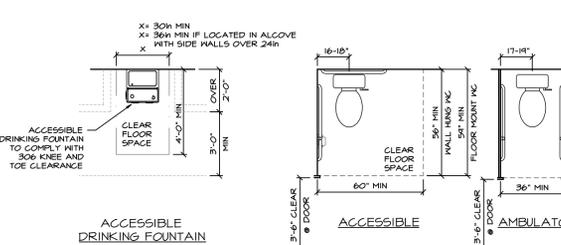


**308 STANDARD REACH HEIGHTS**  
 NOT TO SCALE

**404.2.3 MANEUVERING CLEARANCES AT DOORS**

NOTE: ALL DOOR HANDLES SHALL BE LEVER OR LOOP TYPE

ICC/ANSI A117.1; Sec. 404.2.3 FOR ADDITIONAL DOOR TYPES  
 ICC/ANSI A117.1; Sec. 404.2.5 FOR DOORS IN A SERIES

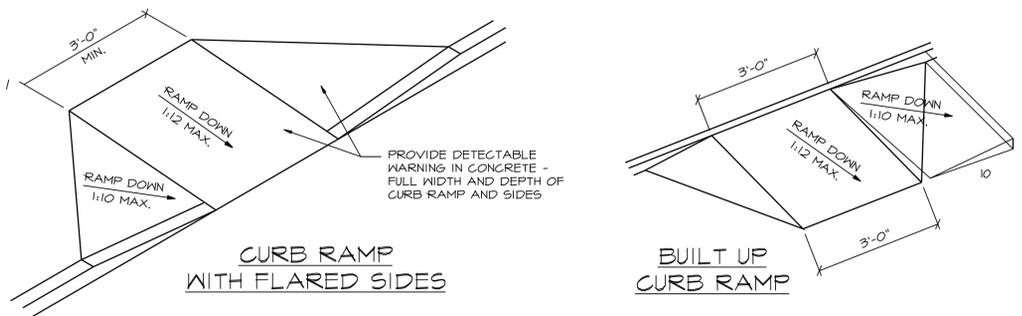


**PLUMBING FIXTURES AND MOUNTING HEIGHTS**

**ACCESSIBLE RAMPS**  
 SCALE: 1/2" = 1'-0"

**GENERAL NOTES - RAMP:**

406.6 LOCATION. RAMPS AND FLARED SIDES SHALL BE LOCATED SO THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES OR PARKING SPACES.  
 OBSTRUCTIONS. LOCATE TO PREVENT OBSTRUCTION BY PARKED CARS.



**NOTES FOR ACCESSIBILITY**

**GENERAL NOTES**

- ICC/IBC - 2009 AND ICC/ANSI A117.1 - 2003 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- ICC/ANSI A117.1 - 2003; Sec. 302.1- GENERAL. FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT. CARPET OR CARPET TILES SHALL COMPLY WITH Sec. 302.2. OPENINGS IN FLOOR SHALL COMPLY WITH Sec. 302.3.
- ICC/ANSI A117.1-2003; Sec. 303.2- CHANGES IN LEVEL IN FLOOR SURFACES. 1/4" MAX. VERTICAL CHANGE IN HEIGHT IS PERMITTED. CHANGES IN HEIGHT GREATER THAN 1/4" AND NOT MORE THAN 1/2" MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
- ICC/ANSI A117.1-2003; Sec. 304- OPERABLE PARTS, SUCH AS FAUCETS, CONTROLS, WATER CLOSET AND URINAL FLUSH CONTROLS, LIGHT SWITCHES, ELECTRICAL RECEPTACLES, CIRCUIT BREAKERS, AND OTHER CONTROLS SHALL COMPLY WITH SEC. 304. HAVE A 30"x48" CLEAR FLOOR SPACE AND BE 15" A.F.F. MIN. / 48" A.F.F. MAX. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE SHALL BE 5.0 LB MAXIMUM. APPLIANCE CONTROLS AND CIRCUIT BREAKERS IN TYPE "A" UNITS SHALL ALSO COMPLY.
- ICC/ANSI A117.1-2003; Sec. 404 - DOORS AND DOORWAYS THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH SEC. 404. DOORWAYS SHALL HAVE A CLEAR 32" MIN. CLEAR OPENING. DOORS SHALL HAVE A 32" MIN. CLEAR WIDTH MEASURED FROM THE JAMB TO THE FACE OF THE OPEN DOOR, WITH THE DOOR OPEN 90°, AND ADA COMPLIANT THRESHOLDS. DOORS SHALL ALSO HAVE ADA COMPLIANT LEVER HARDWARE, OPENING FORCE, CLOSING SPEED, BOTTOM DOOR SURFACE, VISION LITE AND MANEUVERING CLEARANCES.
- ICC/ANSI A117.1-2003; Sec. 404 - DOOR HARDWARE, HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE SHALL BE 5.0 LB MAXIMUM. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" A.F.F. MIN. AND 48" A.F.F. MAX.
- ICC/ANSI A117.1-2003; Sec. 506 - ACCESSIBLE WINDOWS SHALL HAVE OPERABLE PARTS THAT COMPLY WITH SEC. 304, AND SHALL INCLUDE MANEUVERING CLEARANCES, REACH RANGES, AND GRASPABILITY OF MECHANISMS.
- ICC/IBC 2009; Sec. 1210.1 - FLOORS AND WALL BASE FINISH MATERIALS. (IN OTHER THAN DWELLING UNITS) TOILET, BATHING AND SHOWER ROOM FLOOR FINISH MATERIALS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE. THE INTERSECTIONS OF FLOOR AND WALLS SHALL HAVE A SMOOTH, HARD, NONABSORBENT VERTICAL BASE THAT EXTENDS UPWARD ONTO THE WALL AT LEAST 4 INCHES.
- ICC/IBC 2009; Sec. 1210.2 - WALLS AND PARTITIONS. WALLS AND PARTITIONS WITHIN 2 FT. OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4 FT. A.F.F. AND MATERIALS USED AND SHALL NOT BE ADVERSELY AFFECTED BY MOISTURE.
  - DWELLING UNITS AND SLEEPING UNITS
  - TOILET ROOMS THAT ARE NOT ACCESSIBLE TO THE PUBLIC AND WHICH HAVE NOT MORE THAN ONE WC.



**PLAN NOTES** (SEE PLUMBING FIXTURE AND MOUNTING HEIGHTS FOR ADDITIONAL INFORMATION)

- ICC/ANSI A117.1-2003; Sec. 602 - ACCESSIBLE DRINKING FOUNTAINS SHALL COMPLY INCLUDING CLEAR FLOOR SPACE, OPERABLE CONTROLS, SPOUT OUTLET HEIGHT AND LOCATION, AND WATER FLOW.
- ICC/ANSI A117.1-2003; Sec. 603.3 - MIRRORS. MIRRORS LOCATED ABOVE LAVATORIES, SINKS OR COUNTERS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" MAX. A.F.F.
- ICC/ANSI A117.1-2003; Sec. 604.11 4 Sec. 803.5 - COAT HOOKS AND SHELVES. ACCESSIBLE COAT HOOKS SHALL BE 48" MAX. A.F.F. WHERE PROVIDED, SHELVES SHALL BE 40" MIN. AND 48" MAX. A.F.F.
- ICC/ANSI A117.1-2003; Sec. 604 - ACCESSIBLE WATER CLOSETS AND COMPARTMENTS SHALL COMPLY INCLUDING WC LOCATION, CLEARANCE, HEIGHT OF WATER CLOSET SEAT, GRAB BARS AND OPERABLE CONTROLS. FLUSH CONTROLS SHALL BE ON THE OPEN SIDE OF THE ACCESSIBLE WC.
- ICC/ANSI A117.1-2003; Sec. 605 - ACCESSIBLE URINALS SHALL BE A STALL TYPE, WITH A MIN. DEPTH OF 13 1/2" (340mm) FROM THE OUTER FACE OF THE RIM TO THE BACK SURFACE OF THE FIXTURE, OR A WALL HUNG TYPE, WITH THE RIM HEIGHT AT 17" (430mm) MAX. A.F.F. URINALS SHALL HAVE A CLEAR FLOOR SPACE, POSITIONED FOR A FORWARD APPROACH, AND CONTROLS THAT COMPLY WITH SEC. 304
- ICC/ANSI A117.1-2003; Sec. 606 - ACCESSIBLE LAVATORIES AND SINKS SHALL COMPLY WITH SEC. 606 AND SHALL BE 34" MAX. HEIGHT A.F.F. MEASURED TO THE SINK RIM OR COUNTER SURFACE IF UNDER-COUNTER. PROVIDE CLEAR FLOOR SPACE, POSITIONED FOR FORWARD APPROACH AND CENTERED ON ONE SINK BOWL, KNEE AND TOE CLEARANCE, AND EXPOSED PIPE PROTECTION. CLEAR FLOOR SPACE SHALL BE 30" MIN. WIDTH AND 36" MIN. WIDTH IF USED FOR TURNING TURNING SPACE. FAUCETS SHALL BE WITHIN THE REACH RANGES, OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE SHALL BE 5.0 POUNDS MAX.
 

Sec. 606.2 EXCEPTION 1 - A PARALLEL APPROACH COMPLYING WITH SEC. 305 SHALL BE PERMITTED TO A KITCHEN SINK IN A SPACE WHERE A COOKTOP OR RANGE IS NOT PROVIDED.
- ICC/ANSI A117.1-2003; Sec. 606.7 - OPERABLE PARTS ON HAND DRYERS AND DISPENSERS SHALL COMPLY WITH TABLE 606.7. WITH THE LABORATORY AT 34" IN HEIGHT. THE TOWEL DISPENSER AND HAND DRYER MUST BE ON A SIDE WALL WHERE THE MAX. REACH DEPTH IS 11" MAX.
- ICC/ANSI A117.1-2003; Sec. 609 - GRAB BARS IN ACCESSIBLE TOILET OR BATHING FACILITIES SHALL COMPLY WITH SEC. 609 AND HAVE A CROSS SECTION COMPLYING WITH SEC. 604.2. THE SPACE BETWEEN GRAB BAR AND THE WALL OR PROJECTING OBJECTS BELOW OR AT THE ENDS OF THE BARS, SHALL BE 1 1/2" (38mm). THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECT ABOVE SHALL BE 12" MIN. ALL COMPONENTS OF THE GRAB BAR SHALL BE STRONG ENOUGH TO RESIST A 250 POUND CONCENTRIC FORCE APPLIED EITHER HORIZONTALLY OR VERTICALLY. GRAB BARS SHALL BE FREE OF SURFACE HAZARDS AND POSITIONED PER SEC. 609.4 AND INSTALLED PER SEC. 609.7.
- ICC/ANSI A117.1-2003; Sec. 804.6 - APPLIANCES. APPLIANCES (REFRIGERATORS, MICROWAVES, VENDING MACHINES, ETC.) SHALL HAVE A CLEAR FLOOR SPACE PER SEC. 305. CLEAR FLOOR SPACES MAY OVERLAP. ALL APPLIANCE CONTROLS SHALL COMPLY WITH SEC. 304 OPERABLE PARTS (SEE GENERAL NOTE #4) AND SHALL COMPLY WITH SEC. 308 REACH RANGES.

PRELIMINARY  
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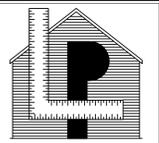
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REVISION	DATE
x	xxx

DATE: 9/5/2015  
 PROJECT NO.: 451002  
 SHEET: **A 2.2**

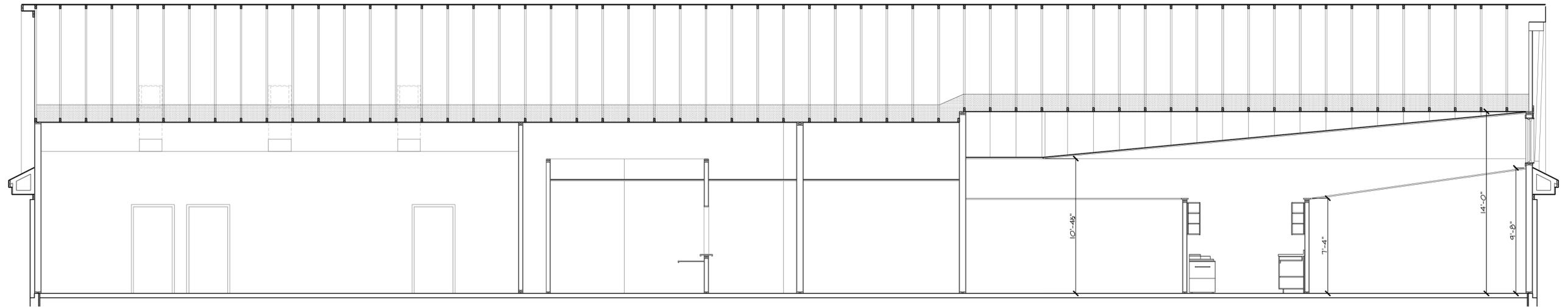
ORTHOPEDIC SPINE THERAPY





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THERAPY

BUILDING SECTION  
SCALE: 1/4" = 1'-0"

OPEN OFFICE

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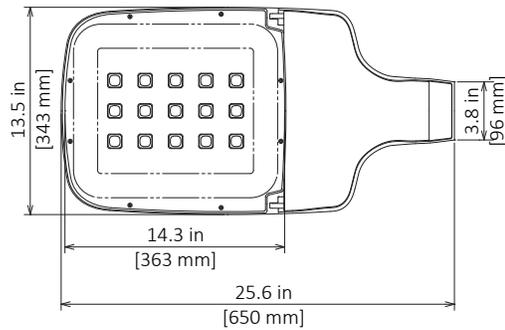
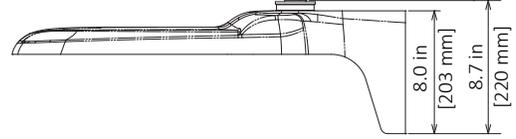
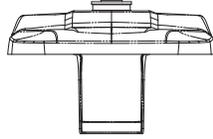




# ARIETA™13 LED Area Luminaire AR13

## Luminaire Data

**Weight** 15.4 lbs [7 kg]  
**EPA** 0.47 ft<sup>2</sup>



## Ordering Information

Sample Catalog No. AR13 6M MV NW 5 BK 700 MSL3

Product	LED No. & Type	Voltage <sup>9</sup>	Nominal Color Temperature <sup>2</sup>	Distribution	Finish <sup>3</sup>	Drive Current <sup>4</sup>	Options
AR13	4M	MV 120-277V	NW 4000K	2 Type 2	BK Black	350 350mA	BSK Bird Spider Kit
	6M	HV 347-480V	CW 5000K	3 Type 3	DB Dark	530 530mA	RPA Round Pole Adaptor
	10M			4 Type 4	Bronze	700 700mA	HSS <sup>5</sup> House Side Shield
	15M			5 Type 5	WH White		FDC <sup>6</sup> Fixed Drive Current
	18M						PCR NEMA Photocontrol Receptacle
	20M <sup>1</sup>						PCR5 ANSI 5-wire Photocontrol Receptacle
							PCR7 ANSI 7-wire Photocontrol Receptacle
							SC PCR Shorting Cap
							MSL7 <sup>7</sup> Motion Sensor with L7 Lens
							MSL3 <sup>7</sup> Motion Sensor with L3 Lens
							FSIR100 Motion Sensor Configuration Tool
							PPS <sup>8</sup> Programmable Power Supply
							ORR Optics Rotated Right
							ORL Optics Rotated Left
							WL Utility Wattage Label

Notes:

- 20M available with MV only
- 4000K and 5000K standard, consult factory for other color temperatures.
- Black, Dark Bronze or White standard, consult factory for other finishes.
- Factory set drive current, field adjustable standard. Refer to performance data on page 3.
- Flush mounted shield factory installed, also available for field installation. House Side Shield cuts light off at 1/2 mounting height behind luminaire.
- Non-field adjustable drive current. Specify 350mA, 530mA or 700mA setting.
- Motion Sensor available with MV only. Motion Sensor default setting dims luminaire to 50% when no motion detected for 5 minutes. Field adjustable using FSIR100 for alternate settings. See L7 or L3 Lens coverage details on page 4. Consult factory for MS specified with ANSI 5-wire or 7-wire Photocontrol Receptacle. Luminaire warranty is limited to 5 years with a Motion Sensor. PCR option is required for On/Off control using light detection.
- Consult factory for programming.
- MV is DLC qualified. HV is DLC qualified on request, consult factory.

# ARIETA™13 LED Area Luminaire

## AR13

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### Luminaire Specifications

#### Housing

Die cast aluminum housing with universal mounting design allows for attachment to existing pole without redrilling for retrofit applications. Square pole mounting standard, round pole adapter option available. Meets 3G vibration per ANSI C136. All hardware is stainless steel. Electrical components are accessed without tools and are mounted on removable power door. Power door features quick electrical disconnects to terminal block and LED board.

#### Light Emitting Diodes

Hi-flux/Hi-power white LEDs produce a minimum of 95% of initial intensity at 100,000 hours of life. LEDs are tested in accordance with IES LM-80 testing procedures. Mean correlated color temperature of 4000K (standard) and 70 minimum CRI. LEDs are 100% mercury and lead free.

### Performance Data

See next page

#### Optical Systems

Micro-lens systems produce IES Type 2, Type 3, Type 4 or Type 5 distributions. Luminaire produces 0% total lumens above 90° (BUG Rating, U=0).

#### Electrical

Power Supply drive current is field adjustable (350mA, 530mA or 700mA). 0-10V dimmable power supply is standard. Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A. Integral surge protector is tested per ANSI/IEEE C62.45 procedures based on ANSI/IEEE C62.41.2 definitions for standard and optional waveforms for Location Category C High. Photocontrol receptacle or ANSI C136.41 5-wire or 7-wire dimming receptacle is optional. Standard and optional photocontrol receptacles have tool-less rotatable base. Photocontrol or control module is provided by others.

#### Finish

Housing receives a fade and abrasion resistant, epoxy polyester powder coat.

#### Listings/Ratings/Labels

Luminaires are UL listed for use in wet locations in the United States and Canada. Optical systems maintain an IP66 rating. DesignLights Consortium™ qualified 4000K product. Assembled in the United States. Wattage label complies to ANSI C136.15-2011. Luminaire is qualified to operate at ambient temperatures of -40°C to 40°C.

#### Photometry

Luminaires are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

#### Warranty

10-year limited warranty is standard on all luminaires and components. 5-year Limited Warranty on luminaires with a motion sensor.

# ARIETA™13 LED Area Luminaire

## AR13

### Performance Data

All data nominal, consult factory for IES files or LM-79 reports.

No. of LEDs & Type	Drive Current (mA)	System Wattage (W)	Type 5		
			Delivered Lumens (Lm)	Efficacy (Lm/W)	BUG Rating
4M	350*	18	2170	121	B2 U0 G1
	530	28	3080	110	B2 U0 G1
	700	37	3850	104	B2 U0 G1
6M	350	26	3120	120	B2 U0 G1
	530	39	4430	114	B2 U0 G1
	700	52	5530	106	B3 U0 G1
10M	350	43	5190	121	B3 U0 G1
	530	65	7380	114	B3 U0 G1
	700	86	9210	107	B3 U0 G2
15M	350	65	7790	120	B3 U0 G1
	530	97	11080	114	B3 U0 G2
	700	129	13818	107	B4 U0 G2
18M	350	78	9340	120	B3 U0 G2
	530	116	13290	115	B4 U0 G2
	700	155	16580	107	B4 U0 G2
20M	350*	87	10380	119	B3 U0 G2
	530	129	14770	114	B4 U0 G2
	700	172	18420	107	B4 U0 G2

Note:

\* DLC qualification at 350mA limited to 120-240V

# ARIETA™13 LED Area Luminaire AR13

## Motion Sensor (Optional) Specifications

### Description

Digital passive infrared luminaire integrated outdoor occupancy sensor provides high/low/off control based on motion detection. Initial setup and subsequent sensor adjustments are made using a handheld configuration tool. PCR option is required for On/Off control using light detection.

### Operation

Standard factory setting will dim the luminaire to 50% until motion is sensed and then it will power to 100%. When motion is not detected for five minutes, the luminaire will dim back to 50%. Ramp up and fade down times are adjustable, but initially set to NONE. The percent dimming and time durations may be field adjusted as required using FSIR-100 configuration tool. FSIR-100 user guide available at: [www.wattstopper.com](http://www.wattstopper.com).

### Optical System

Multi-cell, multi-tier Fresnel lens with a 360 degree view detects unobstructed motion within one mounting height, up to 20ft maximum (standard). Consult factory for higher mounting height requirements.

### Finish

Sensor exterior ring and lens are white polycarbonate, UV and impact resistant.

### Listings/Ratings

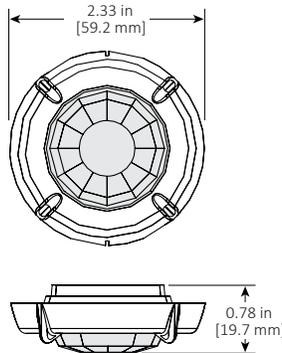
Sensor is TUV, UL and cUL listed, IP66 rated and CE compliant.

### Warranty

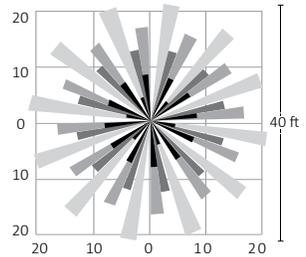
5-year limited warranty on luminaires and components with a motion sensor.

## Motion Sensor (Optional) Data

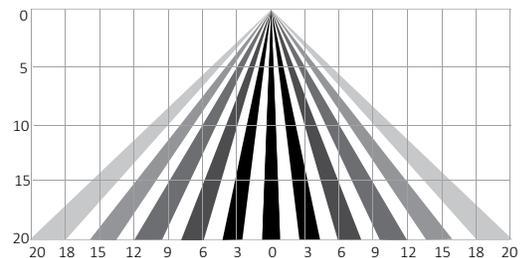
### L3 Lens Dimensions



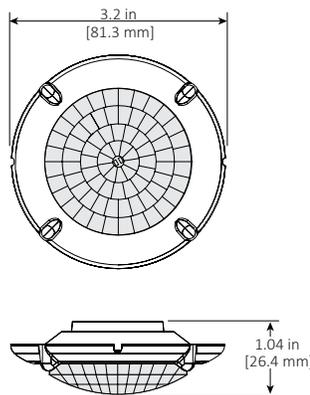
L3 Lens Coverage Top View



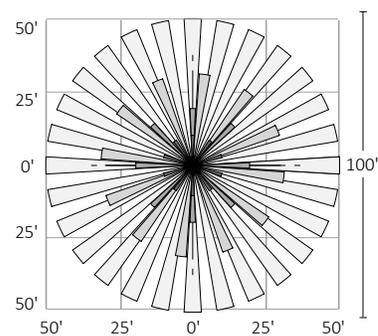
L3 Lens Coverage Side View



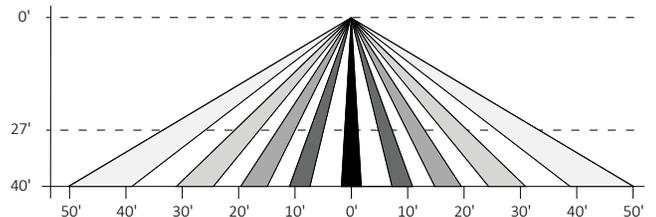
### L7 Lens Dimensions



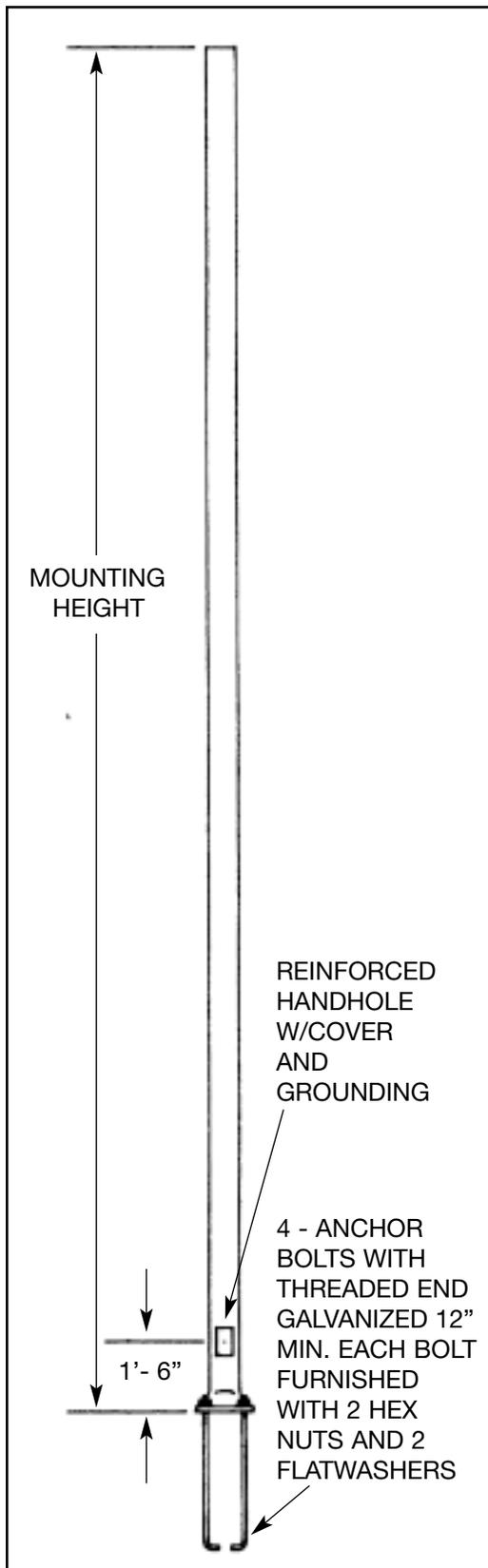
L7 Lens Coverage Top View



L7 Lens Coverage Side View



## Square Straight Steel Light Poles



### **POLE SHAFT:**

Weldable grade hot rolled commercial quality carbon steel with minimum yield strength of 55,000 PSI.

### **ANCHOR BASE:**

Structural quality ASTM A36

### **ANCHOR BOLTS:**

Carbon steel conforming to AASHTO M314 Grade- 55 or ASTM F1554 Grade - 55. Bolts are "L" shaped and are galvanized a minimum of 12" on the threaded end. Each pole includes four bolts each with two nuts and two flat washers.

### **FULL BASE COVER:**

Two piece cover fabricated from ABS plastic secured together with two plastic hand push rivets.

### **HANDHOLE:**

Covered 2 1/2" x 5" reinforced handhole. A nut holder is provided near the handhole and includes a 1/2 - 13 UNC hex head bolt and nut.

### **HARDWARE:**

All structural fasteners are galvanized high strength carbon steel. All other fasteners are galvanized or zinc plated or stainless steel.

### **STANDARD FINISH:**

Galvanized or powder coated. Consult factory for standard or custom colors.

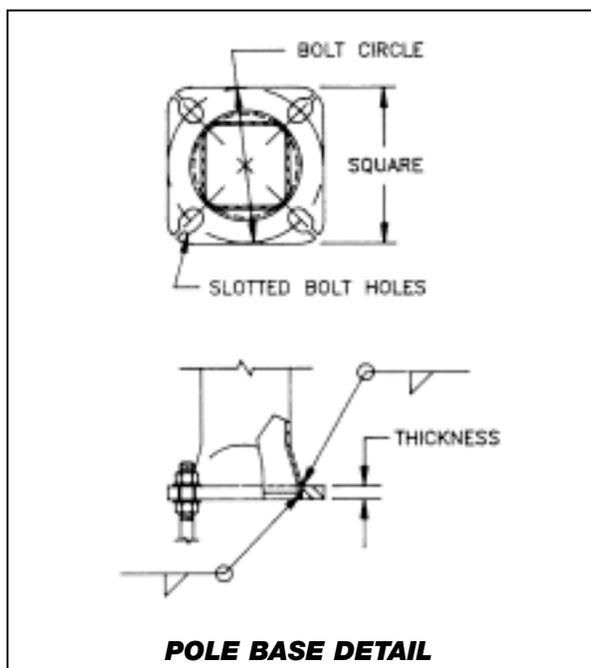
### **MOUNTINGS OPTIONS:**

Tenons-standard 2 3/8" x 4" or 4" x 6" or removable pole cap used in conjunction with side mounted fixtures.

*Serving our customers and  
the industry with quality  
products since 1973.*

# Square Straight Steel Light Poles

POLE CATALOG NUMBER	NOMINAL MOUNTING HEIGHT (ft)	SHAFT SIZE INCHES	WALL THK. GAUGE	BOLT CIRCLE	ANCHOR BOLTS (IN)	Max EPA AT: (Allows for 1.3 Gust Factor)		
						80 MPH	90 MPH	100 MPH
SSS10-404C	10'	4	11	8.5	0.75 X 17 X 3	30.6	23.8	18.9
SSS12-404C	12'	4	11	8.5	0.75 X 17 X 3	24.4	18.8	14.8
SSS14-404C	14'	4	11	8.5	0.75 X 17 X 3	19.9	15.1	11.7
SSS15-404C	15'	4	11	8.5	0.75 X 17 X 3	17.9	13.1	10.5
SSS16-404C	16'	4	11	8.5	0.75 X 17 X 3	15.9	11.8	8.9
SSS18-404C	18'	4	11	8.5	0.75 X 17 X 3	12.6	9.2	6.7
SSS20-404C	20'	4	11	8.5	0.75 X 17 X 3	9.6	6.7	4.5
SSS20-404D	20'	4	7	8.5	0.75 X 17 X 3	15.8	12.7	9.0
SSS20-505C	20'	5	11	11	0.75 X 17 X 3	17.7	12.7	9.4
SSS20-505D	20'	5	7	11	.75 X 17 X 3	28.1	21.4	16.2
SSS25-404C	25'	4	11	8.5	0.75 X 17 X 3	4.8	2.6	1.0
SSS25-404D	25'	4	7	8.5	0.75 X 17 X 3	10.8	7.7	5.4
SSS25-505C	25'	5	11	11	0.75 X 17 X 3	9.8	6.3	3.7
SSS25-505D	25'	5	7	11	0.75 X 17 X 3	18.5	13.3	9.5
SSS30-505C	30'	5	11	11	0.75 X 17 X 3	4.7	2.0	-
SSS30-505D	30'	5	7	11	0.75 X 17 X 3	10.7	6.7	3.9
SSS30-606D	30'	6	7	12	1 X 36 X 4	19.0	13.2	9
SSS35-505D	35'	5	7	11	0.75 X 17 X 3	5.9	2.5	-
SSS35-606D	35'	6	7	12	1 X 36 X 4	12.4	7.6	4.2
SSS40-606D	40'	6	7	12	1 X 36 X 4	7.2	3.0	-



## BASE PLATE

4" - 11 GAUGE - 8 1/2" SQ. X 3/4" THICK

4" - 7 GAUGE - 8 1/2" SQ. X 7/8" THICK

ALL 5" - 11" SQ. X 1" THICK

ALL 6" - 12" SQ. X 1" THICK

Dimensions and Specifications subject to change without notice.

EXHIBIT

A

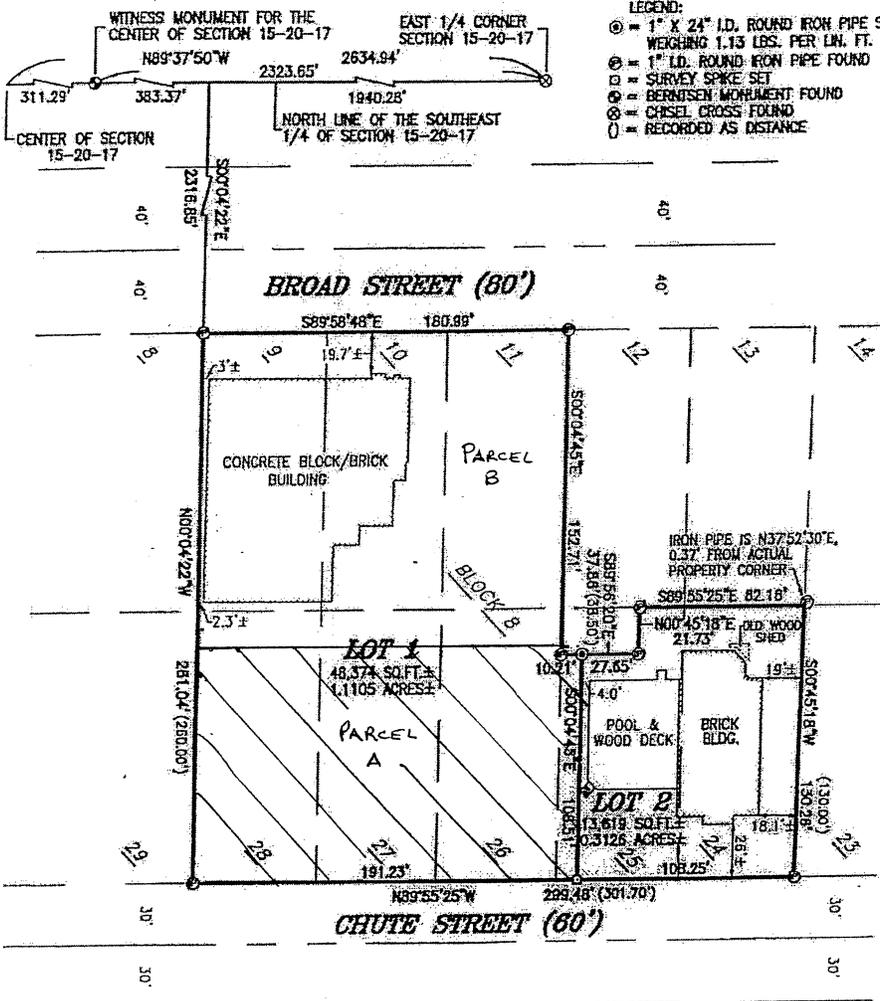
**APPROVED**

**CERTIFIED SURVEY MAP NO.**

MAY 23 2006

BEING ALL OF LOTS 9, 10, 11, 24, 26, 27 AND 28 AND PART OF LOT 25, ALL IN BLOCK 8 IN THE PLAT OF THE TOWN OF MENASHA TWO ADDITIONS, SECOND WARD, PER THE ASSESSOR'S MAP OF THE CITY OF MENASHA, LOCATED IN SECTION 15, TOWNSHIP 20 NORTH, RANGE 17 EAST, CITY OF MENASHA, WINNEBAGO COUNTY, WISCONSIN.

By: Plan Commission  
CITY OF MENASHA

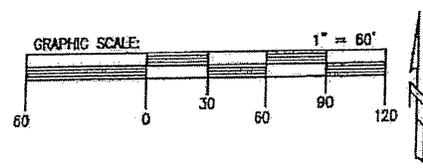


*Per* 4-27-06

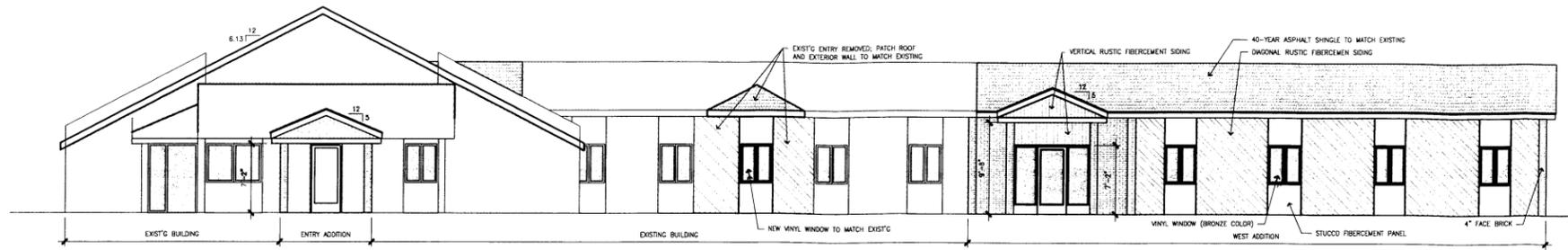
WISCONSIN  
CHRISTOPHER E. PERREault  
S-2249  
APPLETON,  
WIS.

CHRISTOPHER E. PERREault, RLS-2249 DATED SURVEYOR

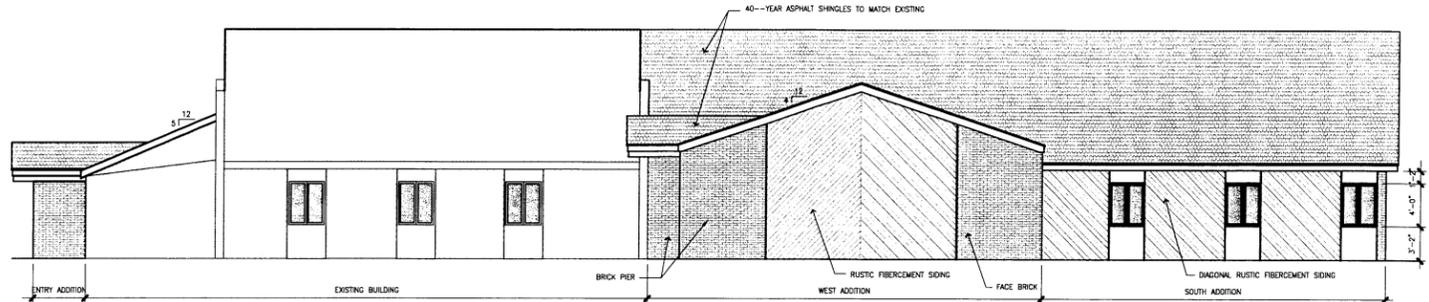
CAROW LAND SURVEYING CO., INC.  
615 N. LYNNDALE DR., P.O. BOX 1297  
APPLETON, WISCONSIN 54912-1297  
PHONE: (920)731-4168  
A997.80-06 (cp-bw) 4-26-06  
DRAFTED BY: DGV



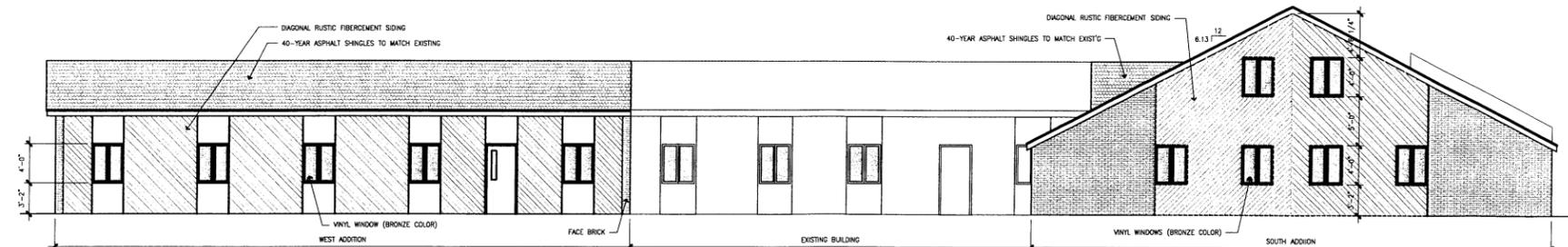
NORTH IS REFERENCED TO THE NORTH LINE OF THE NORTHEAST 1/4 OF SECTION 15, TOWNSHIP 20 NORTH, RANGE 17 EAST, CITY OF MENASHA, WINNEBAGO COUNTY, WISCONSIN, WHICH IS ASSUMED TO BEAR N89°37'50"W.



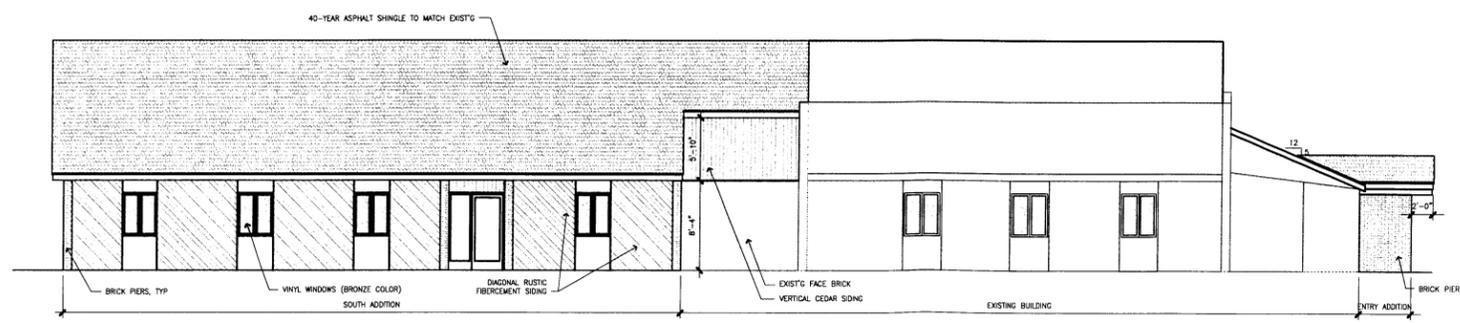
1 NORTH ELEVATION  
A-3 1/8" = 1'-0"



2 WEST ELEVATION  
A-3 1/8" = 1'-0"



3 SOUTH ELEVATION  
A-3 1/8" = 1'-0"



4 EAST ELEVATION  
A-3 1/8" = 1'-0"

**PRELIMINARY**  
NOT FOR CONSTRUCTION

**Martenson & Eisele, Inc.**  
1377 Midway Road  
Menasha, WI 54952  
www.martenson-eisele.com  
info@martenson-eisele.com  
920.731.0381 1.800.236.0381

Planning  
Environmental  
Surveying  
Engineering  
Architecture

DRAWN BY	TGC	DATE	REVISION	APPROVED
		9-2-15	Revise Brick and Siding	

ADDITION AND ALTERATION  
HABITAT FOR HUMANITY

921 MIDWAY ROAD - MENASHA, WISCONSIN

SCALE 1/8" = 1'-0"	DATE 08 AUG 2015
PROJECT NUMBER 1-0046-031	

PLAN PHASE  
EXTERIOR  
ELEVATIONS

DRAWING NO.  
A-3