



Location
5775 Tokay Boulevard &
5712 Odana Road

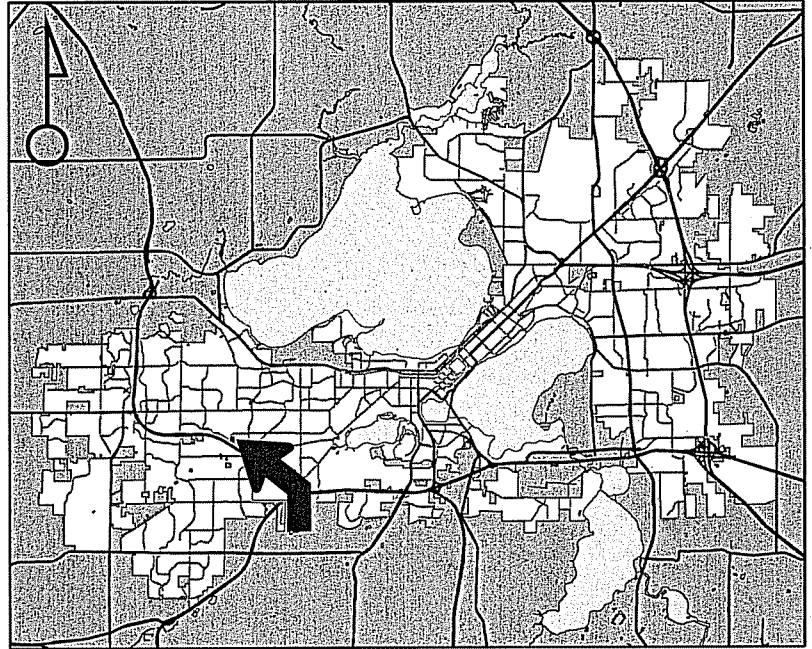
Project Name
Smart Motors Demolition

Applicant
Allen Foster – Smart Motors/
Jim Triatik – Sullivan Design-Build

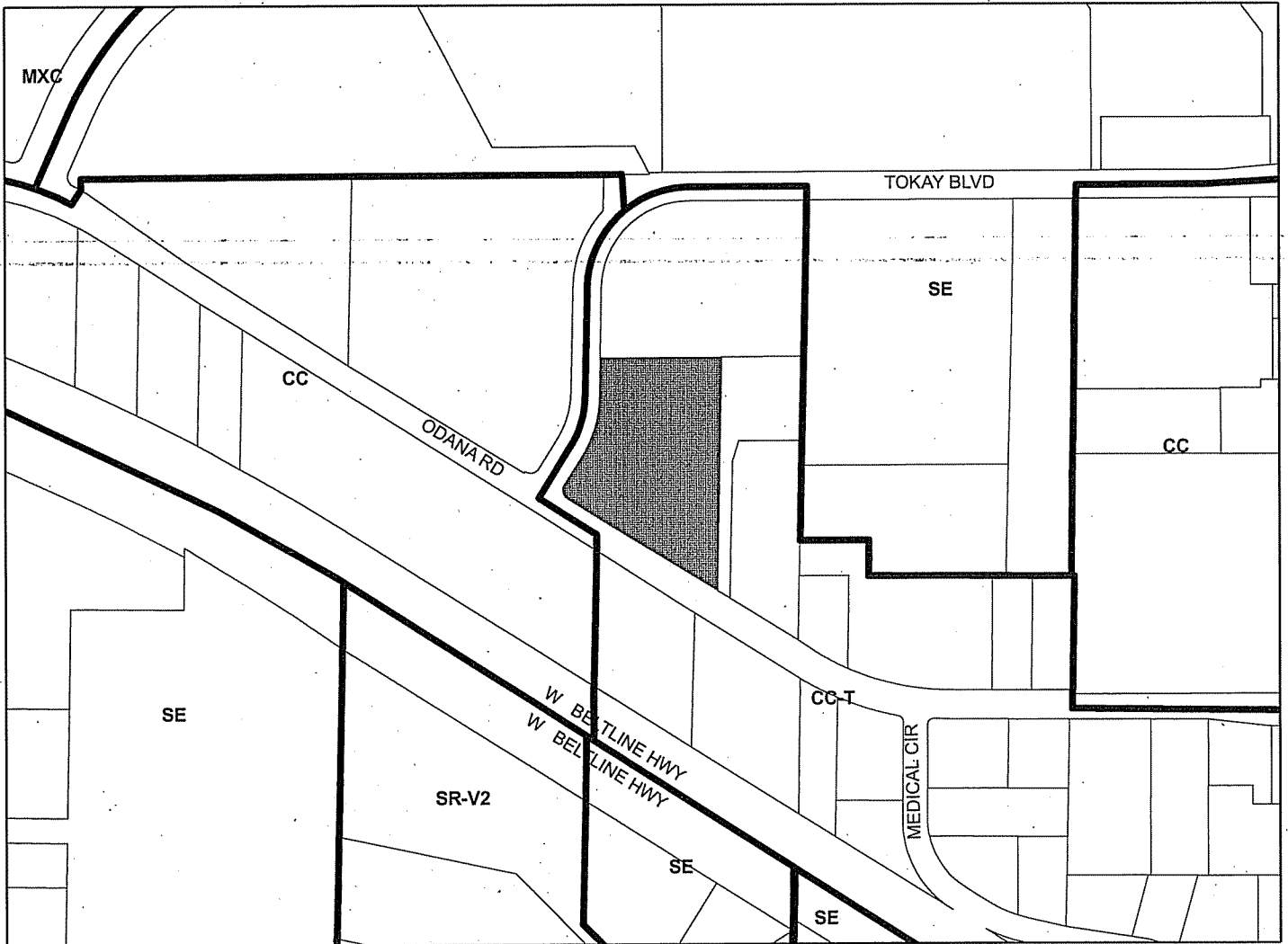
Existing Use
Office building

Proposed Use
Demolish office building to expand
automotive display lot (in UDD #3)

Public Hearing Date
Plan Commission
24 November 2014

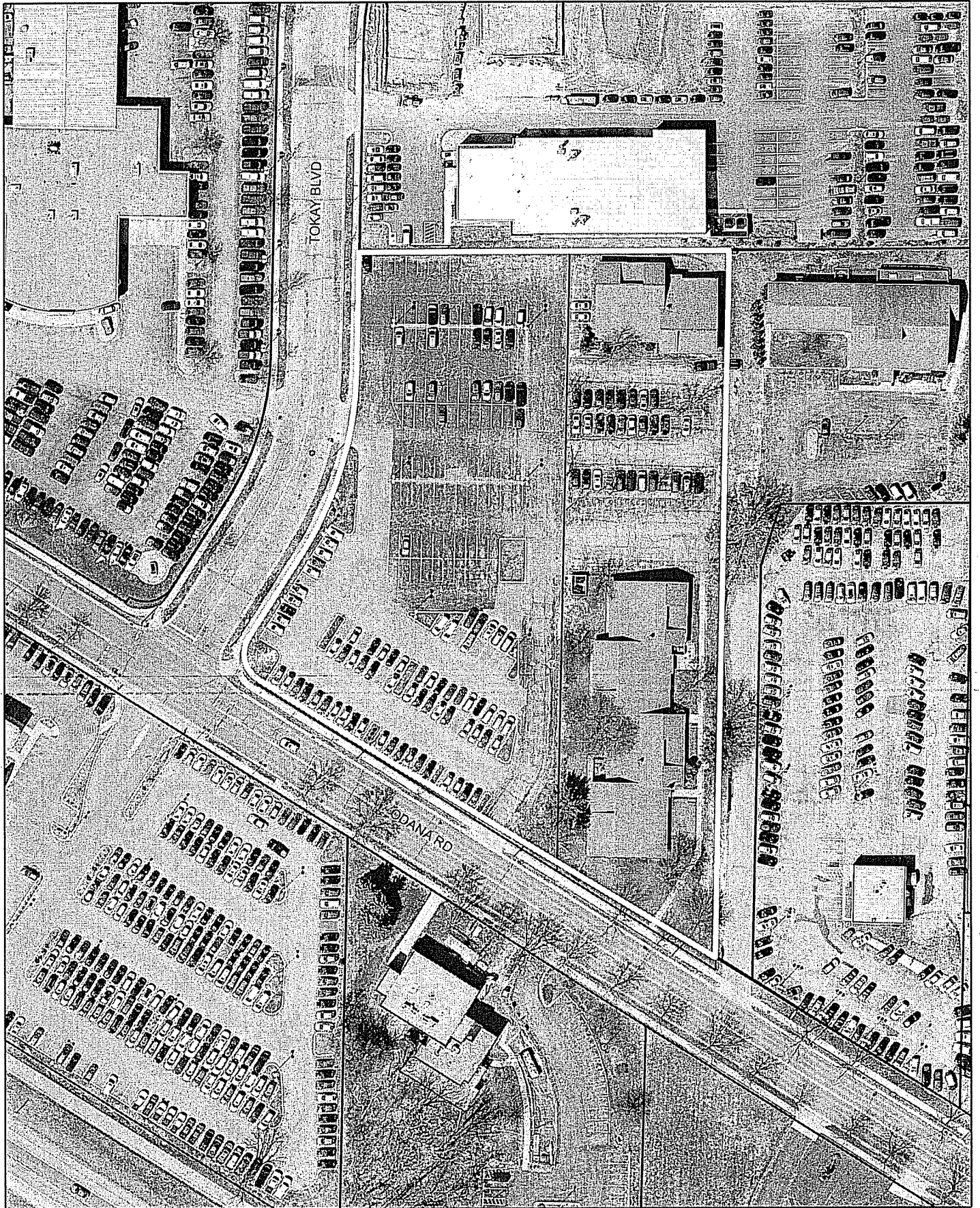


For Questions Contact: Kevin Firchow at: 267-1150 or kfirchow@cityofmadison.com or City Planning at 266-4635



Scale : 1" = 400'

City of Madison, Planning Division : RPJ : Date : 19 November 2014





LAND USE APPLICATION

CITY OF MADISON

215 Martin Luther King Jr. Blvd; Room LL-100
PO Box 2985; Madison, Wisconsin 53701-2985
Phone: 608.266.4635 | Facsimile: 608.267.8739

- All Land Use Applications should be filed with the Zoning Administrator at the above address.
- The following information is required for all applications for Plan Commission review except subdivisions or land divisions, which should be filed using the Subdivision Application.
- This form may also be completed online at: www.cityofmadison.com/developmentcenter/landdevelopment

0709-303-0516-9

FOR OFFICE USE ONLY:	
Amt. Paid	600- Receipt No. 158058
Date Received	9/10/14
Received By	MSQ
Parcel No.	0709-303-05284
Aldermanic District	19-CLEAR
Zoning District	CC-T
Special Requirements	UDD#3; ENG'IMP
Review Required By:	
<input checked="" type="checkbox"/> Urban Design Commission	<input checked="" type="checkbox"/> Plan Commission
<input type="checkbox"/> Common Council	<input type="checkbox"/> Other: _____

Form Effective: February 21, 2013

1. Project Address: 5712 ODANA ROAD (AKA 5775 Tokay Blvd)
 Project Title (if any): SMART MOTORS - BUILDING DEMOLITION / NEW PARKING LOT

2. This is an application for (Check all that apply to your Land Use Application):

- Zoning Map Amendment from _____ to _____
- Major Amendment to Approved PD-GDP Zoning Major Amendment to Approved PD-SIP Zoning
- Review of Alteration to Planned Development (By Plan Commission)
- Conditional Use, or Major Alteration to an Approved Conditional Use
- Demolition Permit
- Other Requests: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: JIM TRIATIK Company: SULLIVAN DESIGN-BUILD
 Street Address: 1314 EMIL ST. City/State: MADISON WI Zip: 53713
 Telephone: (608) 257-2289 Fax: (608) 257-2906 Email: JIM@SULLIVANDESIGNBUILD.com

Project Contact Person: SAME AS ABOVE Company: _____
 Street Address: _____ City/State: _____ Zip: _____
 Telephone: () _____ Fax: () _____ Email: _____

Property Owner (if not applicant): ALLEN FOSTER - SMART MOTORS
 Street Address: 5901 ODANA ROAD City/State: MADISON WI Zip: 53719

4. Project Information:

Provide a brief description of the project and all proposed uses of the site: DEMOLITION OF 5712 ODANA OFFICE BUILDING, NEW PARKING LOT
 Development Schedule: Commencement NOV. 2014 Completion: SPRING 2015

5. Required Submittal Information

All Land Use applications are required to include the following:

Project Plans including:*

- Site Plans (fully dimensioned plans depicting project details including all lot lines and property setbacks to buildings; demolished/proposed/alterd buildings; parking stalls, driveways, sidewalks, location of existing/proposed signage; HVAC/Utility location and screening details; useable open space; and other physical improvements on a property)
- Grading and Utility Plans (existing and proposed)
- Landscape Plan (including planting schedule depicting species name and planting size)
- Building Elevation Drawings (fully dimensioned drawings for all building sides, labeling primary exterior materials)
- Floor Plans (fully dimensioned plans including interior wall and room location)

Provide collated project plan sets as follows:

- **Seven (7) copies** of a full-sized plan set drawn to a scale of 1 inch = 20 feet (folded or rolled and stapled)
- **Twenty Five (25) copies** of the plan set reduced to fit onto 11 X 17-inch paper (folded and stapled)
- **One (1) copy** of the plan set reduced to fit onto 8 ½ X 11-inch paper

* For projects requiring review by the **Urban Design Commission**, provide **Fourteen (14) additional 11x17 copies** of the plan set. In addition to the above information, all plan sets should also include: 1) Colored elevation drawings with shadow lines and a list of exterior building materials/colors; 2) Existing/proposed lighting with photometric plan & fixture cutsheet; and 3) Contextual site plan information including photographs and layout of adjacent buildings and structures. The applicant shall bring samples of exterior building materials and color scheme to the Urban Design Commission meeting.

Letter of Intent: Provide one (1) Copy per Plan Set describing this application in detail including, but not limited to:

- | | | |
|---|---|--|
| • Project Team | • Building Square Footage | • Value of Land |
| • Existing Conditions | • Number of Dwelling Units | • Estimated Project Cost |
| • Project Schedule | • Auto and Bike Parking Stalls | • Number of Construction & Full-Time Equivalent Jobs Created |
| • Proposed Uses (and ft ² of each) | • Lot Coverage & Usable Open Space Calculations | • Public Subsidy Requested |
| • Hours of Operation | | |

Filing Fee: Refer to the Land Use Application Instructions & Fee Schedule. Make checks payable to: *City Treasurer*.

Electronic Submittal: All applicants are required to submit copies of all items submitted in hard copy with their application as Adobe Acrobat PDF files on a non-returnable CD to be included with their application materials, or by e-mail to pcapplications@cityofmadison.com.

Additional Information may be required, depending on application. Refer to the Supplemental Submittal Requirements.

6. Applicant Declarations

Pre-application Notification: The Zoning Code requires that the applicant notify the district alder and any nearby neighborhood and business associations in writing no later than **30 days prior to FILING this request**. List the alderperson, neighborhood association(s), and business association(s) AND the dates you sent the notices:

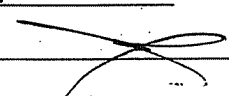
MTA w/ ALDER - MARK CLEAR - APRIL 2013

→ If a waiver has been granted to this requirement, please attach any correspondence to this effect to this form.

Pre-application Meeting with Staff: Prior to preparation of this application, the applicant is required to discuss the proposed development and review process with Zoning and Planning Division staff; note staff persons and date.

Planning Staff: HEATHER STOUER Date: 8-18-14 Zoning Staff: PAT ANDERSON Date: 8-18-14

The applicant attests that this form is accurately completed and all required materials are submitted:

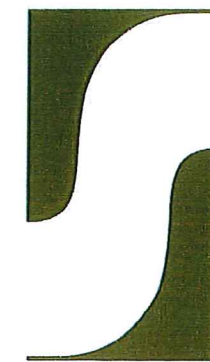
Name of Applicant JIM TRIATIK Relationship to Property: ARCHITECT/BUILDER
Authorizing Signature of Property Owner  Date 9/5/14
Allen Foster



SUBMITTAL TO:
CITY OF MADISON
PLAN COMMISSION

TYPE OF PROJECT:
Building Demolition/ new parking lot
5712 Odana Road

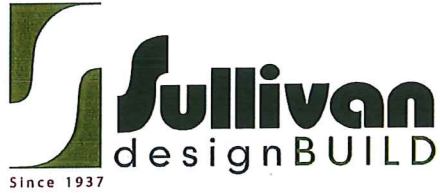
SUBMITTED:
11/12/2014



Since 1937

Sullivan
designBUILD

TEL: 608.257.2289



November 12, 2014

**Letter of Intent for Smart Motors – Building demolition/new parking lot
5712 Odana Road**

Dear Commission Members,

Smart Motors continues to grow and needs to expand their current operations. This month we will complete construction of the building that will be used to prep new cars, referring to this as Phase 1. (It is across the street from Smart Motors main building.) **This submittal is our next phase – Phase 2 – and is for the demolition of a one story wood framed office building at 5712 Odana Road and construction of a new parking lot where the building stood.** The removal of 5712 Odana would make room for a new Pre-Owned auto sales building (Phase 3). Operations of the existing pre-owned sales building at 5702 Odana Road would then move to this new facility. The timeline for demolition will be this fall, with construction of the new Pre-Owned building to begin within two years. The design of Phase 3 will be submitted at a later date.

Our Project team includes:

Architect: Jim Triatik of Sullivan Design Build
General Contractor: Sullivan Design Build
Landscape Design: Barnes Inc.
Site Engineering: Quam Engineering, L.L.C.
Site Lighting: Rob Rudolf of Electric Construction, Inc.

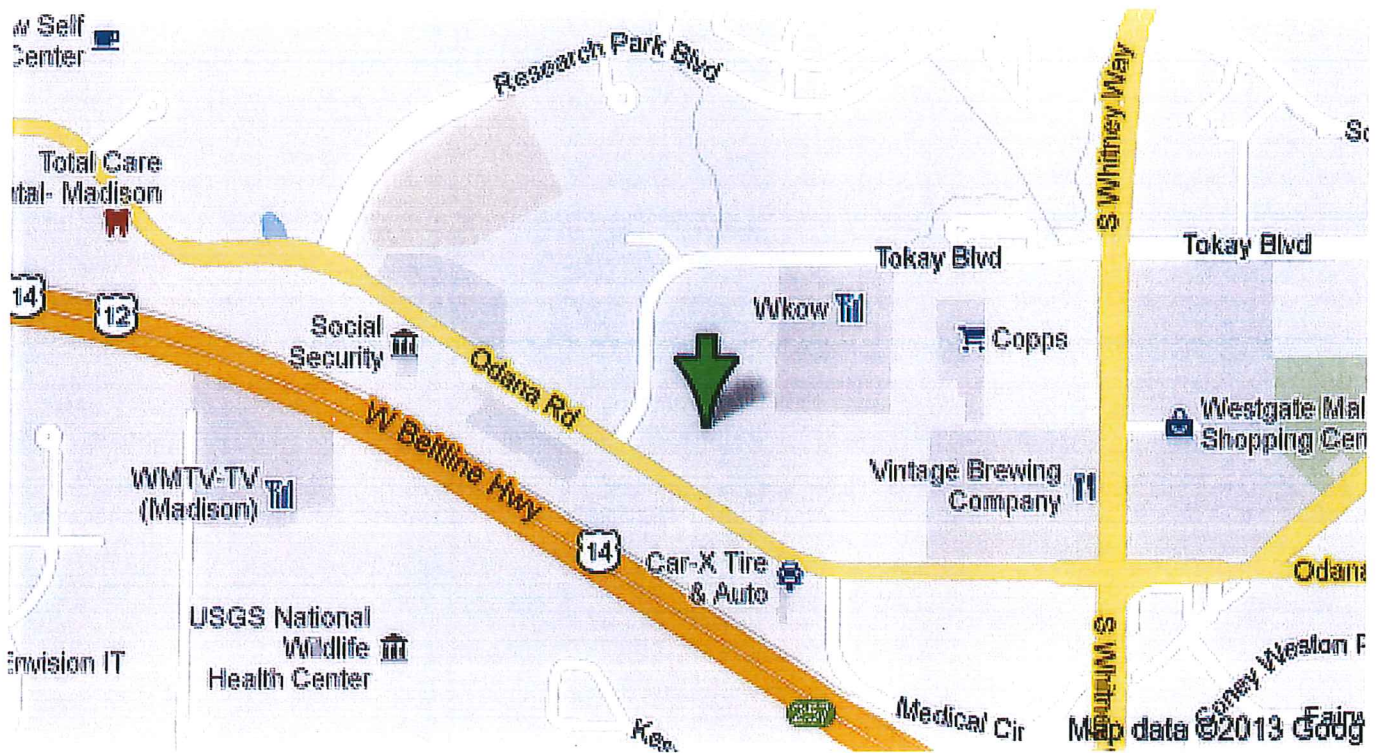
If you should require additional information, please contact me at 257-2289.

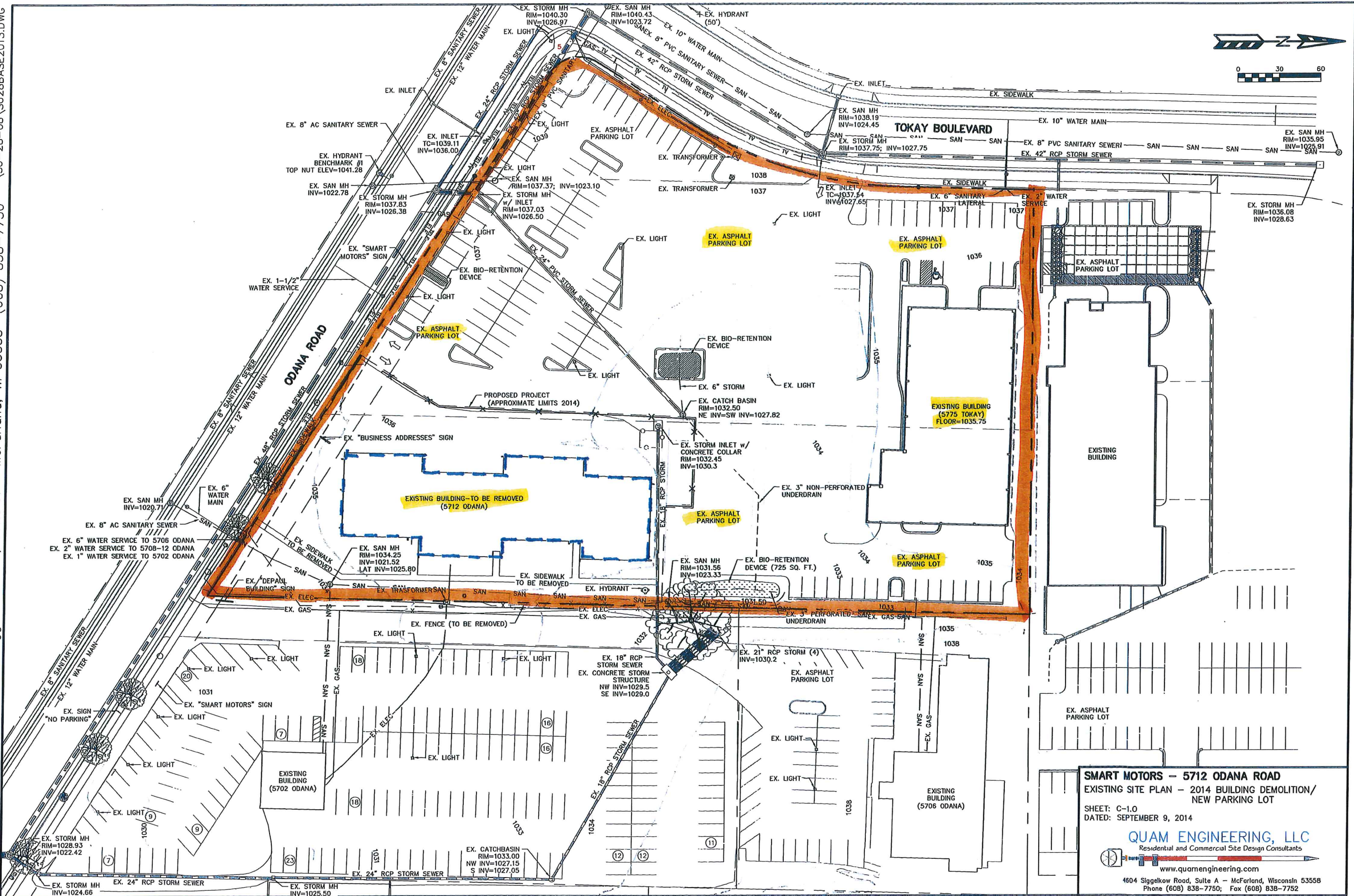
Sincerely,
Sullivan designBUILD

A handwritten signature in blue ink that reads 'Jim Triatik'.

James M. Triatik, A.I.A.
Vice President / Project Architect

Locator Map for Smart Motors – 5712 Odana Road – building demolition





SMART MOTORS - 5712 ODANA ROAD
 EXISTING SITE PLAN - 2014 BUILDING DEMOLITION/
 NEW PARKING LOT

SHEET: C-1.0
 DATED: SEPTEMBER 9, 2014

QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

LEGAL DESCRIPTION
 Being part of the NW 1/4 of the SW 1/4 of Section 30, T7N, R9E, City of Madison, Dane County, Wisconsin, including all of Lots 1 and 2, C.S.M. No. 1620, more particularly described as follows:
 Commencing at the West 1/4 corner of said Section 30; thence along the northerly line of said SW 1/4, N 89°50'42" E, 618.11 feet; thence S 01°08'19" W, 450.38 feet to the northwest corner of said C.S.M. No. 1620 and the point of beginning; thence along the north line of said C.S.M. No. 1620, N 89°49'23" E, 300.05 feet to the east line of said Lot 2; thence along said east line, S 01°13'43" W, 585.87 feet to the northerly right of way line of Odana Road; thence along said northerly line, N 57°46'01" W, 438.97 feet; thence continuing along said northerly line and the arc of a curve concave easterly, having a radius of 25.00 feet and a long chord bearing N 12°30'32" W, a distance of 35.36 feet to the easterly right of way line of Tokay Boulevard; thence along said easterly line, N 32°14'47" E, 79.41 feet; thence continuing along said easterly line and the arc of a curve concave westerly, having a radius of 281.00 feet and a long chord bearing N 16°41'06" E, a distance of 155.14 feet to the west line of said C.S.M. No. 1620; thence continuing along said easterly right of way line and said westerly line of C.S.M. No. 1620, N 01°08'19" E, 96.17 feet to the point of beginning. This parcel contains 158,688 square feet or 3.64 acres.



HANDICAP ACCESSIBLE SIGN DETAIL

PARKING LOT PLAN SITE INFORMATION BLOCK

Site Address: 5712 ODANA ROAD
 Site acreage (total): 3.64 ACRES

Number of building stories (above grade): N/A
 Building height: N/A
 DLRR type of construction (new structures or additions): N/A
 Total square footage of building: N/A

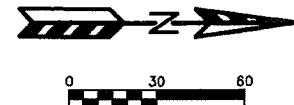
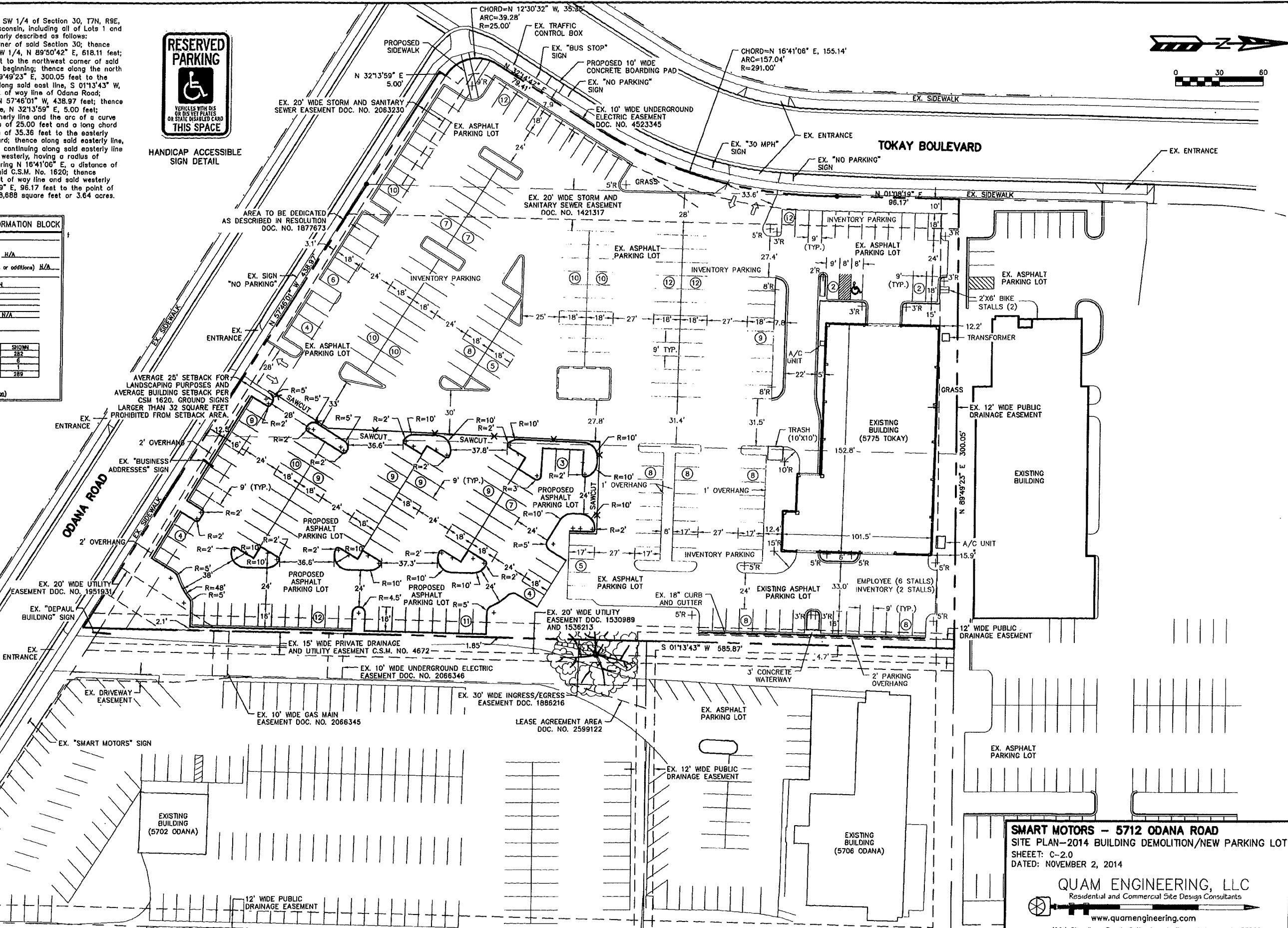
Use of property: AUTOMOBILE PREPARATION
 Gross square feet of retail area: N/A
 Number of employees in warehouse: N/A
 Number of employees in production: N/A
 Capacity of restaurant/office of assembly: N/A

Number of bicycle stalls shown: 2

Number of Parking stalls:

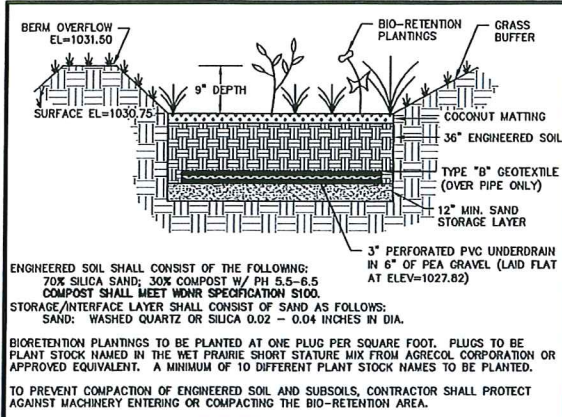
	SHOWN
Inventory	282
Employee	6
Accessible	1
Total	289

Number of trees shown: (See Landscape Plan)

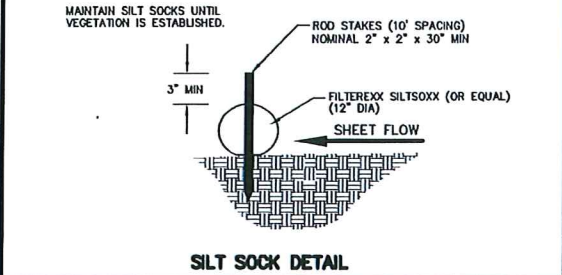


SMART MOTORS - 5712 ODANA ROAD
 SITE PLAN-2014 BUILDING DEMOLITION/NEW PARKING LOT
 SHEET: C-2.0
 DATED: NOVEMBER 2, 2014

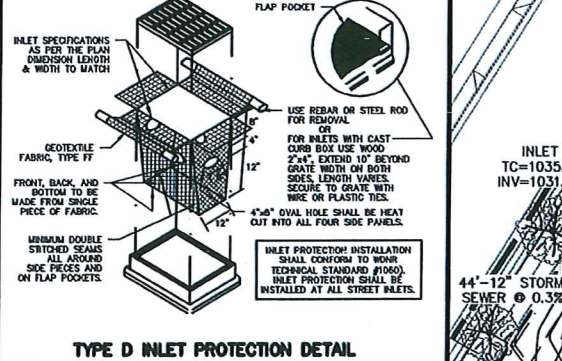
QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752



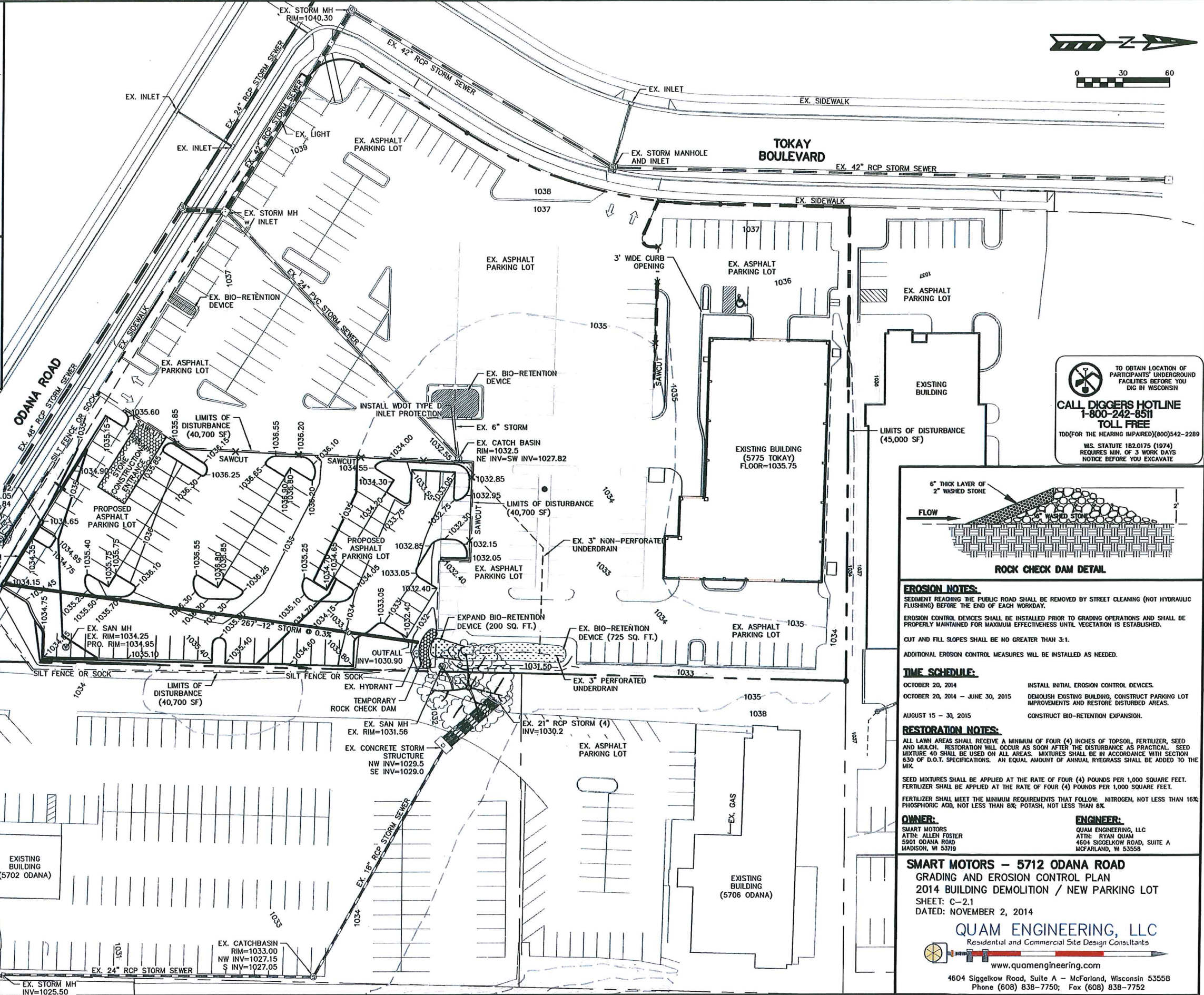
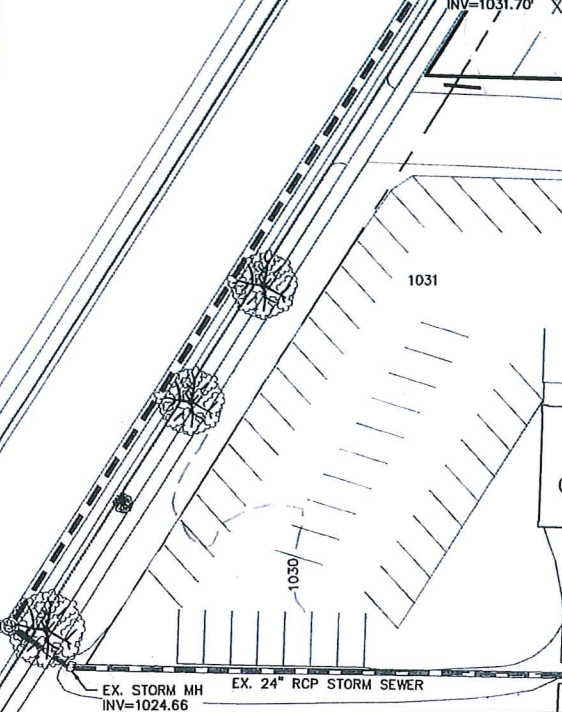
BIORETENTION DETAIL



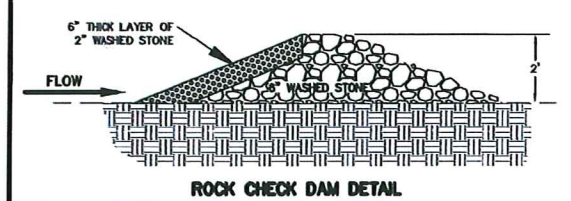
SILT SOCK DETAIL



TYPE D INLET PROTECTION DETAIL



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE
 TDD (FOR THE HEARING IMPAIRED) (800) 542-2289
 WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



ROCK CHECK DAM DETAIL

EROSION NOTES:
 SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.
 EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED.
 CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.
 ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED AS NEEDED.

TIME SCHEDULE:
 OCTOBER 20, 2014 INSTALL INITIAL EROSION CONTROL DEVICES.
 OCTOBER 20, 2014 - JUNE 30, 2015 DEMOLISH EXISTING BUILDING, CONSTRUCT PARKING LOT IMPROVEMENTS AND RESTORE DISTURBED AREAS.
 AUGUST 15 - 30, 2015 CONSTRUCT BIO-RETENTION EXPANSION.

RESTORATION NOTES:
 ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, FERTILIZER, SEED AND MULCH. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. SEED MIXTURE 40 SHALL BE USED ON ALL AREAS. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX.
 SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET.
 FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ADD, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%.

OWNER:
 SMART MOTORS
 ATTN: ALLEN FOSTER
 5901 ODANA ROAD
 MADISON, WI 53719

ENGINEER:
 QUAM ENGINEERING, LLC
 ATTN: RYAN QUAM
 4604 SIGGELKOW ROAD, SUITE A
 MCFARLAND, WI 53558

SMART MOTORS - 5712 ODANA ROAD
 GRADING AND EROSION CONTROL PLAN
 2014 BUILDING DEMOLITION / NEW PARKING LOT
 SHEET: C-2.1
 DATED: NOVEMBER 2, 2014

QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

Plant Type/Element	Minimum Size at Installation	Points	Quantity	Points Achieved	New Proposed Quantity	Points Achieved
Overstory deciduous tree	2-1/2" inch caliper	35	14	490	11	385
Overstory tree	1-1/2" inch caliper	15	0	0	7	105
Evergreen tree	3" tree caliper	15	0	0	28	420
Shrub, deciduous	18" or 3 gallon container size	2	15	30	154	308
Shrub, evergreen	18" or 3 gallon container size	3	41	123	31	93
Ornamental grass	18" or 3 gallon container size	2	0	0	43	86
Ornamental	4" per 10' swath	0	0	0	0	0
Sub Total				643		1,397
Total Number of Points Provided						2,040

PLANT MATERIAL LIST

Qty	Code	Common Name	Botanical Name	Planting Size
3	SGM	Sienna Glen Maple	Acer x freemanii 'Sienna'	2-2.5" B&B
5	YSBC	Whitespire Birch clip	Betula papyrifera 'Whitespire' CLP	8-10" B&B
1	CHB	Common Hackberry	Celtis occidentalis	2-2.5" B&B
5	SKH	Skylark Honeylocust	Gleditsia triacanthos 'Skylark'	2-2.5" B&B
1	PRC	Prairie Rose Crabapple	Malus x 'Prairie Rose'	1.75-2" B&B
1	ISTLC	Ivory Silk Tree Lilac clip	Syringa reticulata Ivory Silk' dump	6-7" B&B
2	SSL	Sterling Silver Linden	Tilia tomentosa 'Sterling Silver'	2-2.5" B&B
Conifers				
Qty	Code	Common Name	Botanical Name	Planting Size
1	MBJ	Moundbitten Juniper	Juniperus chinensis 'Moundbitten'	5/4" B&B
6	CAJ	Compact Arcadia Juniper	Juniperus sabina 'Arcadia Compact'	#5 CONT.
1	CBS	Cokewado Blue Spruce	Picea pungens 'Glauca'	3-4" B&B
1	EWP	Eastern White Pine	Pinus strobus	5-6" B&B
11	TTY	Taunton Yew	Taxus x media 'Tauntonii'	18-24" B&B
14	HMA	Hetz Midget Arborvitae	Thuja occidentalis 'Hetz Midget'	#2 CONT.
4	HSA	Holmstrup Arborvitae	Thuja occidentalis 'Holmstrup'	4-5" B&B
21	PMA	Pyramidal Arborvitae	Thuja occidentalis 'Pyramidal'	4-5" B&B
Shrubs				
Qty	Code	Common Name	Botanical Name	Planting Size
17	CPB	Crimson Pygmy Barberry	Berberis thunbii atrop 'Crimson Pygmy'	#3 CONT.
7	DNB	Diabolo Ninebark	Physocarpus opulifolius 'Diabolo'	18" Pot
16	GLS	Glow-Low Sumac	Rhus aromatica 'Glow-Low'	#2 CONT.
38	GLS	Goldmound Spirea	Spiraea japonica 'Goldmound'	#2 CONT.
3	DRS	Dart's Red Spirea	Spiraea x bumalda 'Dart's Red'	#2 CONT.
55	MCS	Magic Carpet Spirea	Spiraea japonica 'Magic Carpet'	#2 CONT.
11	MLK	Miss Kim Lilac	Syringa rehderiana 'Miss Kim'	18-24" Pot
7	BMV	Blue Muffin Viburnum	Viburnum dentatum 'Blue Muffin'	2-3" Pot
Perennials				
Qty	Code	Common Name	Botanical Name	Planting Size
38	KFRG	Karl Foerster Reed Grass	Calamagrostis scutellata 'Karl Foerster'	#1 CONT.
20	PMD	Pardon Me Daylily	Hemerocallis 'Pardon Me'	#1 CONT.
5	HMSG	Heavy Metal Switch Grass	Panicum virgatum 'Heavy Metal'	#1 CONT.

BIO-INFILTRATION AREA

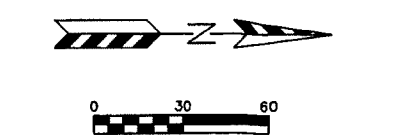
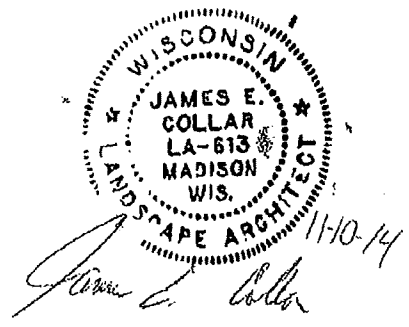
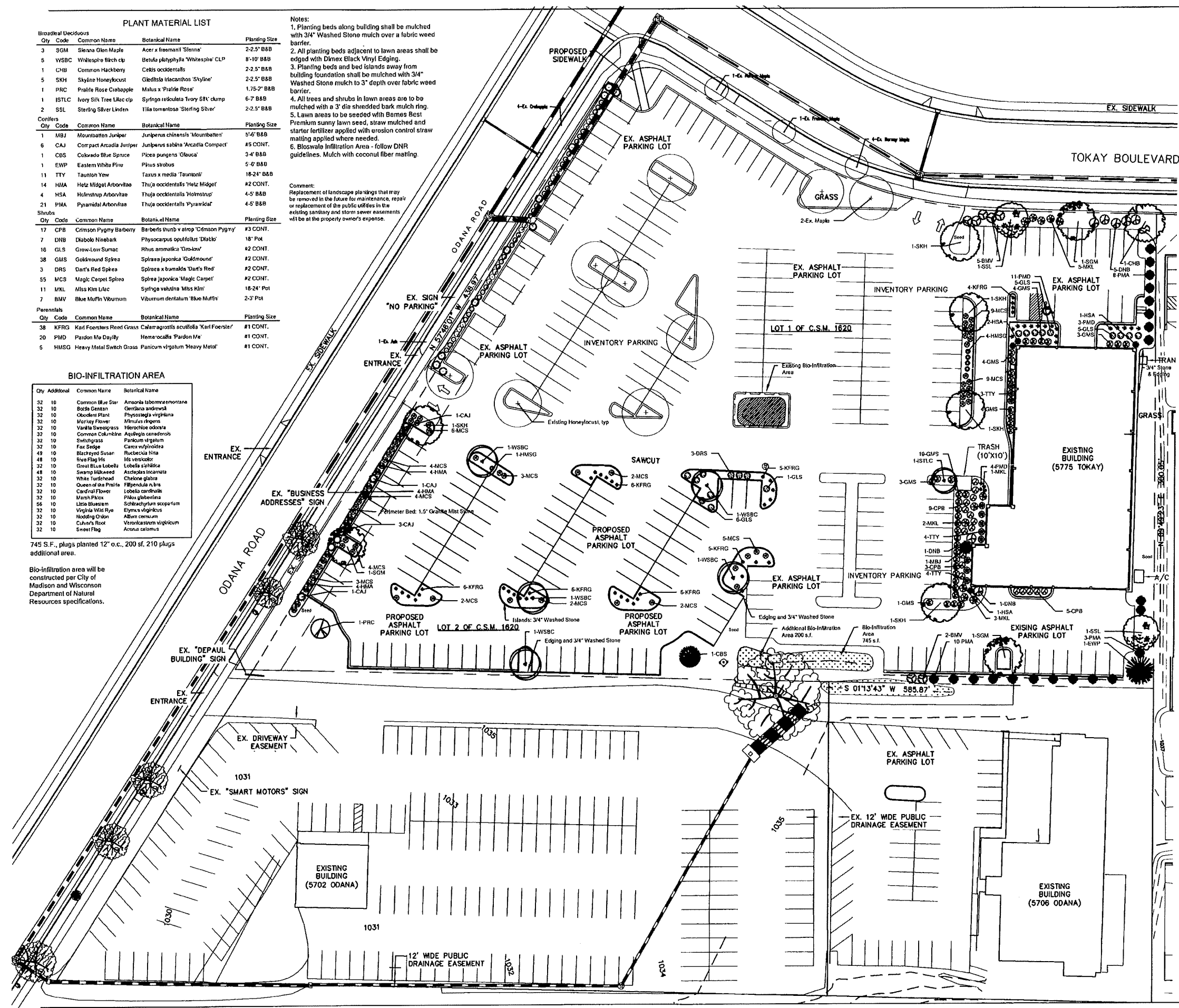
Qty	Additional	Common Name	Botanical Name
32	10	Common Blue Star	Amorpha laboreremontana
32	10	Birds Nest	Cervicaria andrewsii
32	10	Occident Plant	Physostegia virginiana
32	10	Monkey Flower	Mimulus ringens
32	10	Vanilla Sweetgrass	Vanilloschizanthus
32	10	Common Columbine	Aquilegia canadensis
32	10	Switchgrass	Panicum virgatum
32	10	Fox Sedge	Carex vulpinoidea
48	10	Black-eyed Susan	Rudbeckia hirta
48	10	Five Flag Iris	Iris versicolor
32	10	Great Blue Lobelia	Lobelia siphilitica
48	10	Swamp Milkweed	Asclepias incarnata
32	10	White Turfhead	Chelone glabra
32	10	Queen of the Prairie	Filipendula ulmaria
32	10	Cardinal Flower	Lobelia cardinalis
32	10	Marsh Pick	Phlox glaberrima
56	10	Liese Bluestem	Schizachyrium scoparium
32	10	Virginia West Rye	Elymus virginicus
32	10	Hooding Onion	Allium nuttallii
32	10	Cuba's Foot	Veronicastrum virginicum
32	10	Sweet Flag	Acorus calamus

745 S.F., plugs planted 12" o.c., 200 sf, 210 plugs additional area.

Bio-infiltration area will be constructed per City of Madison and Wisconsin Department of Natural Resources specifications.

- Notes:
- Planting beds along building shall be mulched with 3/4" Washed Stone mulch over a fabric weed barrier.
 - All planting beds adjacent to lawn areas shall be edged with Dimex Black Vinyl Edging.
 - Planting beds and bed islands away from building foundation shall be mulched with 3/4" Washed Stone mulch to 3" depth over fabric weed barrier.
 - All trees and shrubs in lawn areas are to be mulched with a 3" dia shredded bark mulch ring.
 - Lawn areas to be seeded with Barnes Best Premium sunny lawn seed, straw mulched and starter fertilizer applied with erosion control straw matting applied where needed.
 - Bioswale Infiltration Area - follow DNR guidelines. Mulch with coconut fiber matting.

Comment:
Replacement of landscape plantings that may be removed in the future for maintenance, repair or replacement of the public utilities in the existing sanitary and storm sewer easements will be at the property owner's expense.



LANDSCAPING PLAN - PHASE II

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE TOLL FREE 1-800-441-1011
TODAY FOR THE HEARING IMPAIRED (800) 543-2289
WIS. STATUTE (TRANS) (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

Client:

Building Demolition/New Parking Lot

Smart Motors
Odana Road and Tokay Blvd
Madison, WI

Notes:

This document is the property of Barnes Inc. and may not be distributed without the express consent of Barnes Inc.

Approved for Construction by owner: _____ Date: _____

Approved by Barnes Inc.: _____ Date: _____

Date: 4/29/13 3/2/11/14
Revised: 4/9/14
1/6/27/13 4/11/10/14
2/11/11/13

Sheet: Scale: 1" = 30'-0"



EXISTING BLDG. - 5712 ODANA ROAD
TO BE DEMOLISHED



LIGHTING FIXTURE SCHEDULE					
TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION	QUANTITY	LAMPS
OA	LSI	X283-FT-LED-176-450 CW-UE-WHT	TWIN FORWARD THROW WITH FLAT GLASS LENS 20' ROUND STEEL POLE ON 2' CONCRETE BASE ARROW INDICATES DIRECTION OF ROTATED OPTIC	3	21,600 LM LED
OB	LSI	X283-FT-LED-176-450 CW-UE-WHT	TWIN FORWARD THROW WITH FLAT GLASS LENS 28' ROUND STEEL POLE ON 2' CONCRETE BASE ARROW INDICATES DIRECTION OF ROTATED OPTIC	4	21,600 LM LED
OW	LSI	X283-FT-LED-128-450 CW-UE-WHT	WALL MTD FORWARD THROW WITH FLAT GLASS LENS MOUNTED 16 FEET ABOVE FINISHED GRADE	0	16,300 LM LED

- NOTES
- ARROWS INDICATE ROTATION OF OPTICS WITHIN THE FIXTURE HOUSING.
 - ALL POLE MOUNTED FIXTURES SHALL HAVE FULL CUT-OFF OPTICS WITH FLAT GLASS LENSES.

POINT BY POINT CALCULATION SUMMARY				
AREA NAME	AREA DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM
SALES LOT #	PARKING LOT FOR VEHICLE SALES HORIZONTAL CALCULATION ON PAVEMENT VALUES LISTED ARE MAINTAINED FOOTCANDLES	4.80	37.0	0.0

POINTS INDICATED WITH # AND GRAY ARE SHOWN FOR REFERENCE ONLY AND ARE NOT INCLUDED IN THE CALCULATION ABOVE.

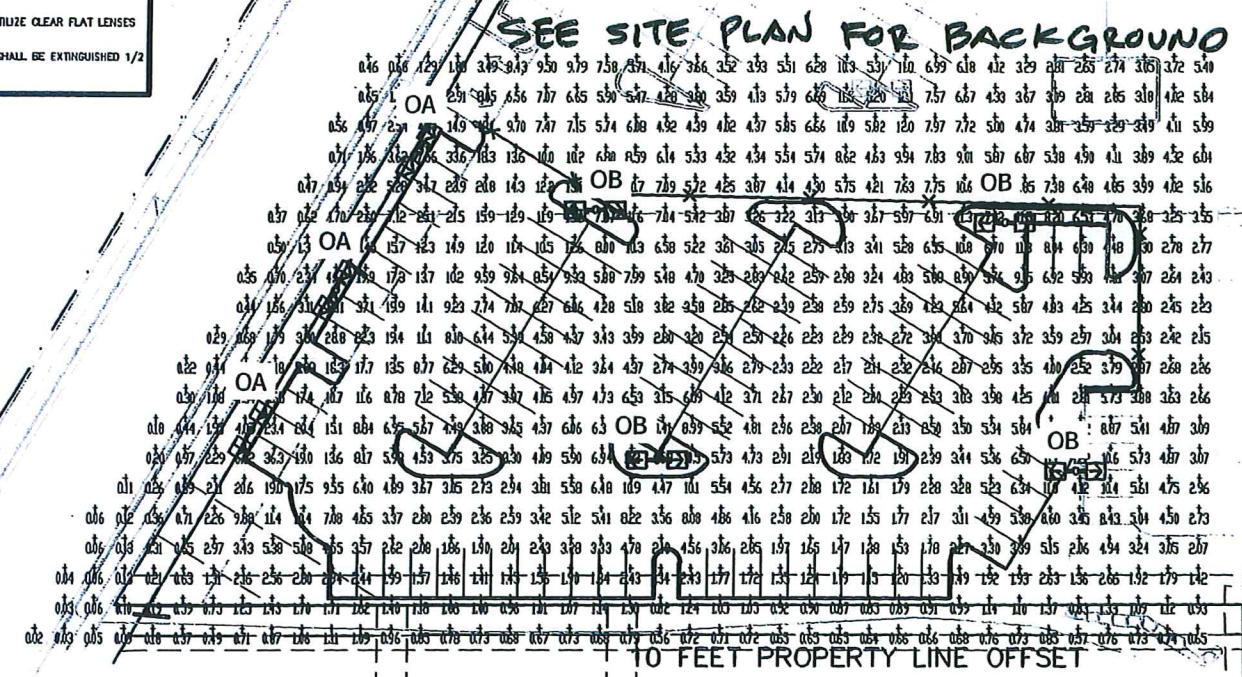
DESIGN CRITERIA

THIS ENTIRE LOT QUALIFIES AS AN OUTDOOR MERCHANDISING AREA ACCORDING TO MADISON CITY ORDINANCE 14.083

*14.083(4)(c) FOR AN OUTDOOR MERCHANDISING AREA, THE MAXIMUM INITIAL ILLUMINATION LEVEL IN 75% OF THE LOT SHALL NOT EXCEED 20 FOOTCANDLES. A CONTIGUOUS AREA NOT TO EXCEED 25% OF THE LOT MAY BE ILLUMINATED TO A LEVEL WHICH SHALL NOT EXCEED 40 FOOTCANDLES.

ALL LIGHTING FIXTURES INSTALLED SHALL UTILIZE CLEAR FLAT LENSES WITH FULL CUT-OFF OR SHIELDED OUTPUT.

AT LEAST 50% OF THE LIGHTING FIXTURES SHALL BE EXTINGUISHED 1/2 HR PAST THE CLOSING OF THE FACILITY.



REVISED:

Electric Construction Inc
Electrical Design, Contracting & Consulting

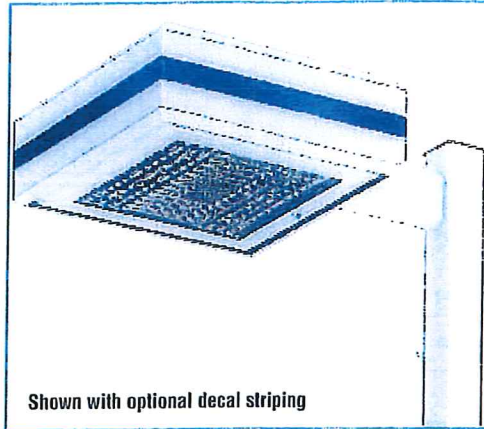
2061 Inzer Road
Madison WI 53713
(608) 271-2046
(608) 271-0760 FAX
www.ecdesign.com

SMART MOTORS - USED CAR BUILDING
LIGHTING PLAN - PHASE 2
PAGE: 1 OF 1
DATED: SEPTEMBER 9, 2014

QUAM ENGINEERING, LLC
Residential and Commercial Site Design Consultants
www.quamengineering.com

4804 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752

LED AREA LIGHTS - XGB3 176 LED



Shown with optional decal striping

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	21617
Watts	255
Lumens per Watt (Efficacy)	85
Color Accuracy Color Rendering Index (CRI)	89

Light Color: 5087 (Daylight)

2700K 3000K 4500K 5000K

All results are according to ANSI LM-79-2008: Approved Method for the Electrical and Photometric Rating of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: K06N-P-00085 (12/12/2011)
Model Number: XGB3 FT LED 176 450 CW UE
Type: Outdoor area-to-area fixture

	# of LEDs	Lumens (Nominal)				
		Type 3	Type 5	Type FT	Type FTA	
Cool White	350 mA	176	17200	16600	18300	20600
	450 mA	176	20700	20000	21600	24900
Neutral White	350 mA*	176	14600	14500	15800	18000
	450 mA	176	17600	17400	18900	21600

*Preliminary Data

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Crossover
LED LIGHTING TECHNOLOGY

US patent D574994 & 7,828,456 and MX patent 29631 and US & Int'l. patents pending

SMARTTEC™ THERMAL CONTROL - Sensors in both optical unit and driver enclosure reduce drive current when ambient temperatures exceed 50°C. Current is lowered in imperceptible 5% increments every 5 minutes until safe operating temperature is reached.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Select high-brightness LEDs in Cool White (5250°K nominal) or Neutral White (4100°K nominal) color temperature, 70 CRI (nominal).

DISTRIBUTION/PERFORMANCE - Types 3, 5, FT and FTA available. Reflectors are field rotatable. Exceptional uniformity with full cutoff creates bright environment at lower light levels.

HOUSING - Square, die-formed aluminum. Fully enclosed weather-tight housing contains factory prewired drivers and field connections.

TOP-ACCESS COVER - Tethered top-access cover provides ease of installation and allows for easy driver access. Four captive stainless-steel fasteners secure the top-access cover to the housing.

OPTICAL UNIT - Clear tempered optical grade flat glass lens sealed to aluminum housing creates an IP67 rated, sealed optical unit. Pressure stabilizing breather allows super-tight IP67 protection while preventing temperature cycling from building up internal pressures and vacuums that can stress optical unit seals and components.

FIELD ROTATABLE OPTICS - Optical unit can be easily field rotated in 90° increments. Directional arrow on optics allows alignment without the unit being energized.

MOUNTING - 2-1/2" x 5-3/8" x 12" extruded aluminum arm mounting bracket shipped standard. 8" bracket available for single or D180 configurations, but must be ordered from the Options column of ordering chart. Use with 5" traditional drilling pattern on LSI steel round, square and round tapered poles. Round Pole Plate (RPP2) required for mounting to 3"-5" round poles. (See Accessory Ordering Information chart.)

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C. Available with universal voltage power supply 120-277VAC (UE - 50/60Hz input), and 347-480VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified). Fixture Watts: 350 mA - 195, 450 mA - 260 nominal.

DRIVERS - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for IP65 moisture resistance. Driver complies with FCC 47 CFR part 15 RF/EMI standard.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, graphite, satin verde green, metallic silver and white. Meets requirements of ASTM B117 1000-hour salt fog and ASTM G155 1000-hour Xenon Arc UV tests (supersedes G53 UVB313).

DECAL STRIPING - LSI offers optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for five years against peeling, cracking, or fading.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Application layouts are available upon request. Contact LSI Applications Group at lighting.apps@lsi-industries.com

SHIPPING WEIGHT (in carton) - Fixture - 44.5 lbs (20 kg)
Arm - 5 lbs. (2kg) arm

LISTING - ETL listed to U.S. and Canadian safety standards. Suitable for wet locations.

LED AREA LIGHTS - XGB3 176 LED

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XGB3 FTA LED 176 350 CW UE WHT PCI120 21**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XGB3 - LED Greenbriar	FT - Forward Throw FTA - Forward Throw Automotive 3 - Type III 5 - Type V	LED	176	350 - 350mA 450 - 450mA	CW - Cool White NW - Neutral White	UE - Universal Voltage (120-277) 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	8BK - 8" Bracket (S and D180 only) PCI 120 - 120v Button-Type Photocell PCI 208 - 208v Button-Type Photocell PCI 240 - 240v Button-Type Photocell PCI 277 - 277v Button-Type Photocell PCI 347 - 347v Button-Type Photocell TB - Terminal Block Color Decals 45 - Light Gold 20 - Charcoal Metallic 55 - Black 94 - Blue Metallic 59 - Dark Green 51 - Dark Red 21 - Tomato Red 50 - White 700 - Aztec Silver Metallic

LUMINAIRE EPA CHART² - XGB3 176 LED

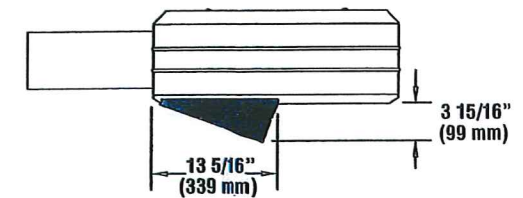
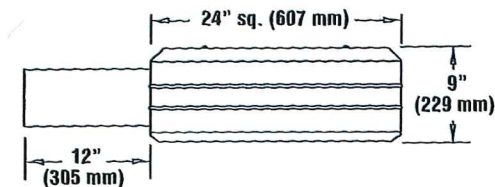
	8" Bracket	12" Bracket
Single	2.3	2.4
D180°	4.7	4.8
D90°	12" Bracket	4.7
T90°	Required	7.2
TN120°	Required	7.3
Q90°		8.8

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number
XGB3-176 - HSS - House Side Shield (Black only) ²	482002 BLK
XGB3-176 - LSS - House Side Shield Left Side (Black only) ²	482002 BLK
XGB3-176 - RSS - House Side Shield Right Side (Black only) ²	482002 BLK
RPP2 - Round Pole Plate	162914BLK
BKS-BO-WM- ⁴ -CLR - Wall Mount Plate	123111CLR
BKA-BO-RA-8-CLR - Radius Arm	169010CLR
BKU-BO-S-19-CLR - Upsweep Bracket for round or square poles	144191CLR

NOTES:
1 - Use with 5" traditional drilling pattern
2 - House Side Shield adds to fixture EPA. Consult factory.

DIMENSIONS



House Side Shield (482002BLK)

Project Name: SMART MOTORS UPGRADE Fixture Type: **OA & OB** 07/13/12

Category: XGB3 FT LED 176 450 CW UE WHT

Project Name: SMART MOTORS UPGRADE Fixture Type: OA 07/13/12

Category: XGB3 FT LED 176 450 CW UE WHT