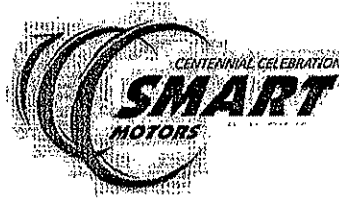


# Smart Motors

Building Demolition / New Lot  
5714 Odana Road  
Madison, WI 53719




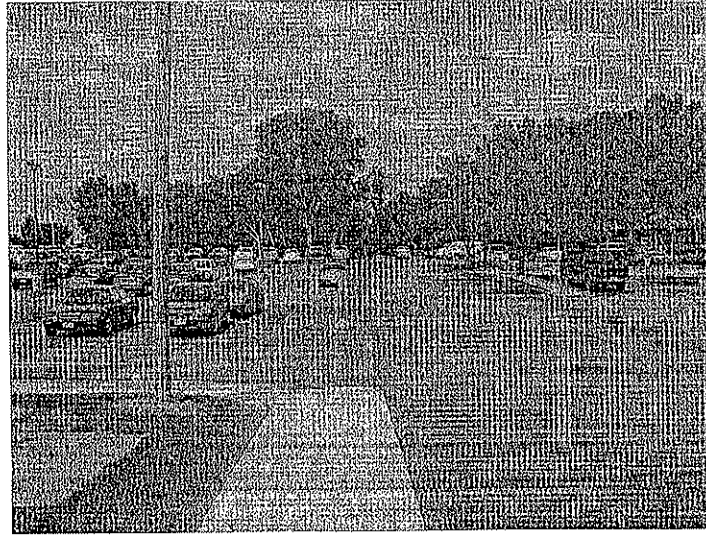
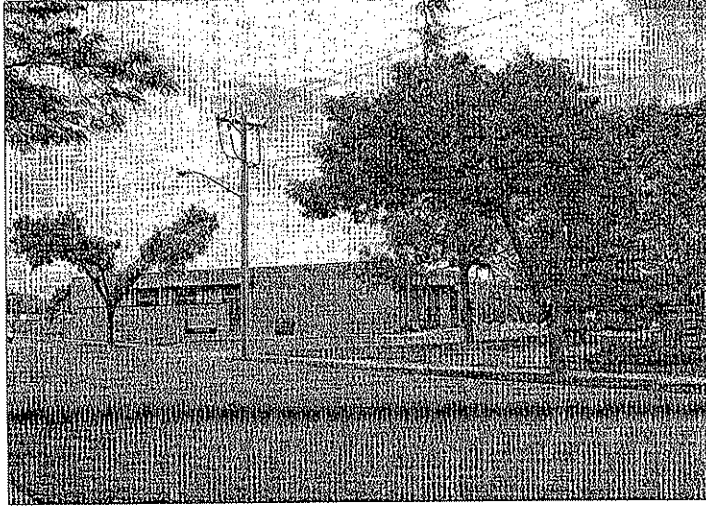
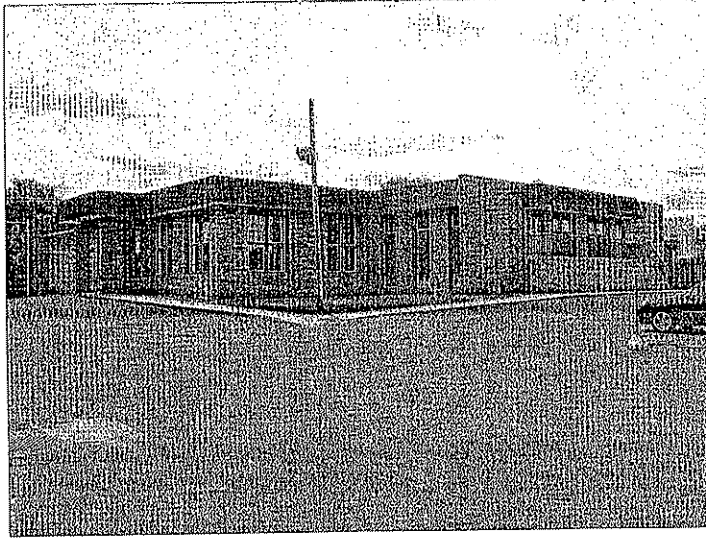
Date: July 28, 2008




#### Contents

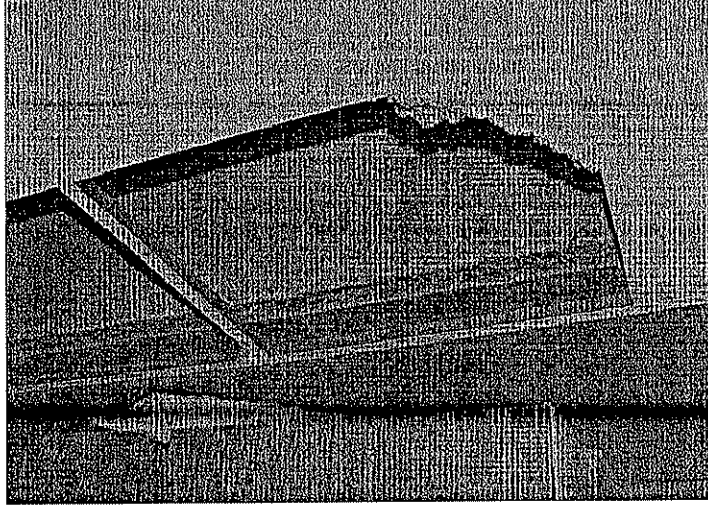
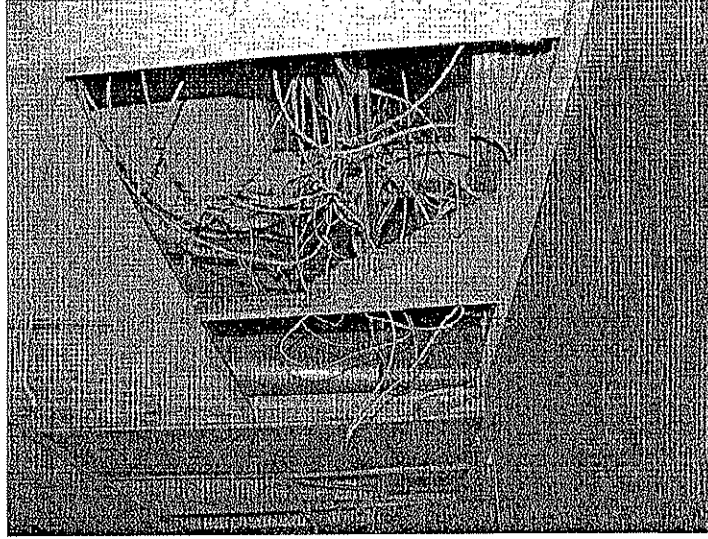
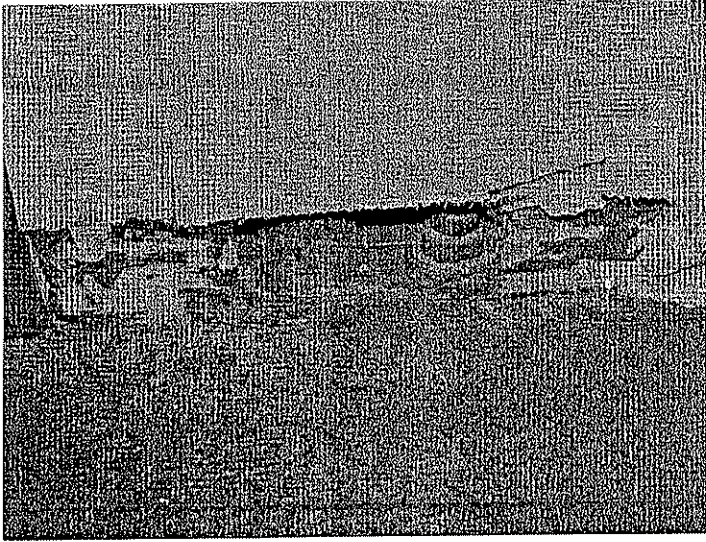
EXISTING PHOTOS  
EXISTING SITE PLAN  
PROPOSED SITE PLAN  
L-10 PROPOSED LANDSCAPING  
E-00 SITE LIGHTING

Stamps &  
Approvals:

 **Kenneth F. Sullivan**  
DESIGN BUILD / GENERAL CONTRACTORS CO.  
P.O. BOX 259463 1314 CML ST. 608-257-2209  
MADISON, WI 53725-9463 FAX 608-257-2906  
[www.kfsullivan.com](http://www.kfsullivan.com)



SHEET	DRAWING NAME	DRAWN BY: SMT	 JENNIFER JOHNSON CO ARCHITECTURAL & INTERIOR DESIGN 112 S. BRIDGESIDE LANE, SUITE 100 MADISON, WI 53704-1400	 <b>Smart Motors</b> Used Car Building 5702 Odana Road Madison, WI 53719		REVISIONS



SHEET

DRAWING NAME

DRAWN BY  
DATE

PSZJ #



**Sullivan Co.**  
GENERAL CONTRACTORS  
P.O. BOX 5400 374 E. W. ST. 53752-2200  
MADISON, WI 53752-2200

**Smart Motors**  
Used Car Building  
5702 Odana Road  
Madison, WI 53719



REVISIONS

NO.	DESCRIPTION	DATE



<b>EXISTING AREAS:</b>	
BUILDING:	0.21 ACRES
IMPERVIOUS:	1.39 ACRES
PERVIOUS:	0.96 ACRES
TOTAL:	2.56 ACRES
<b>PROPOSED AREAS:</b>	
NEW IMPERVIOUS:	0.54 ACRES
EXISTING IMPERVIOUS:	1.37 ACRES
PERVIOUS:	0.96 ACRES
TOTAL:	2.87 ACRES
ADDITIONAL IMPERVIOUS AREA= 13,500 SF.	

**CATCH-ALL INLET PROTECTION SHALL BE INSTALLED IN STORM CATCH BASINS #1 & 11 AS SOON AS THE INLET IS SET. CATCH-ALL INLET PROTECTION SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL THE SURFACE COURSE OF ASPHALT HAS BEEN PLACED. THE FILTER SHALL BE REMOVED AFTER THE FINAL LAYER OF ASPHALT IS PLACED. USE "CATCH-ALL" DEVICES AS MANUFACTURED BY MARATHON MATERIALS, INC.**

**CATCH-ALL HR I INLET FILTERS SHALL BE INSTALLED IN STORM CATCH BASINS #1 & 11 FOLLOWING THE PLACEMENT OF THE SURFACE COURSE OF ASPHALT AND REMOVAL OF THE "CATCH-ALL" INLET PROTECTION.**

**"CATCH-ALL" TYPE HR I DEVICES AS MANUFACTURED BY MARATHON MATERIALS, INC.**

**EXISTING HYDRANT BENCHMARK TOP 1111 ELEVATION: 111.20**

**CATCH BASIN #1 (4' DIA) BY BELLEAIR # 3867 & "CATCH-ALL" HR I FILTER RC=1036.35 N INV=1027.23 W INV=1027.13 SW INV=1025.13**

**EXISTING STORM INLET 12" DIA. OPENING RM=1037.03 N INV=1026.40 S INV=1026.42 PRO INV=1026.70**

**EX. STORM INLET RM=1037.83 N INV=1026.66 S INV=1026.30**

**EX. SAN. MH RM=1037.37 N INV=1026.37**

**EX. STORM MANHOLE RM=1040.45 N INV=1027.05 E INV=1026.90**

**EX. SANITARY MANHOLE RM=1040.45 N INV=1027.05 E INV=1026.90**

**EX. STORM MANHOLE RM=1037.81 N INV=1027.80**

**EX. STORM INLET RM=1037.54 N INV=1027.76**

**EX. STORM INLET RM=1032.43 SW INV=1027.81 SWP INV=1025.81**

**EROSION NOTES:**

THE SHORTEST DISTANCE FROM ANY CONSTRUCTION TO ANY OBSTACLE SHALL BE MAINTAINED BY THE CONTRACTOR IN A MANNER WHICH WILL PREVENT THE OBSTRUCTION FROM BEING COLLIDED BY THE TRACKING OF THE PUBLIC ROAD SHALL BE MAINTAINED BY THE CONTRACTOR (NOT NEARBY) UNTIL THE END OF EACH WORKDAY.

EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION AND SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.

**THE SCHEDULE:**

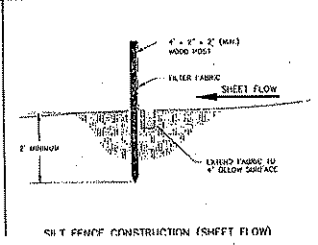
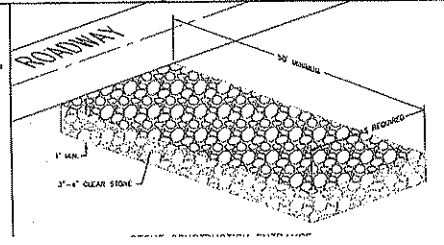
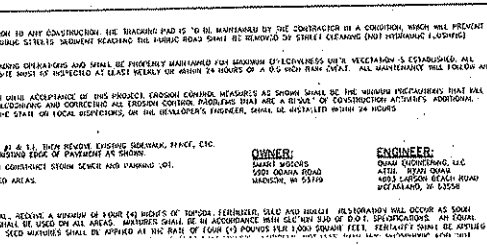
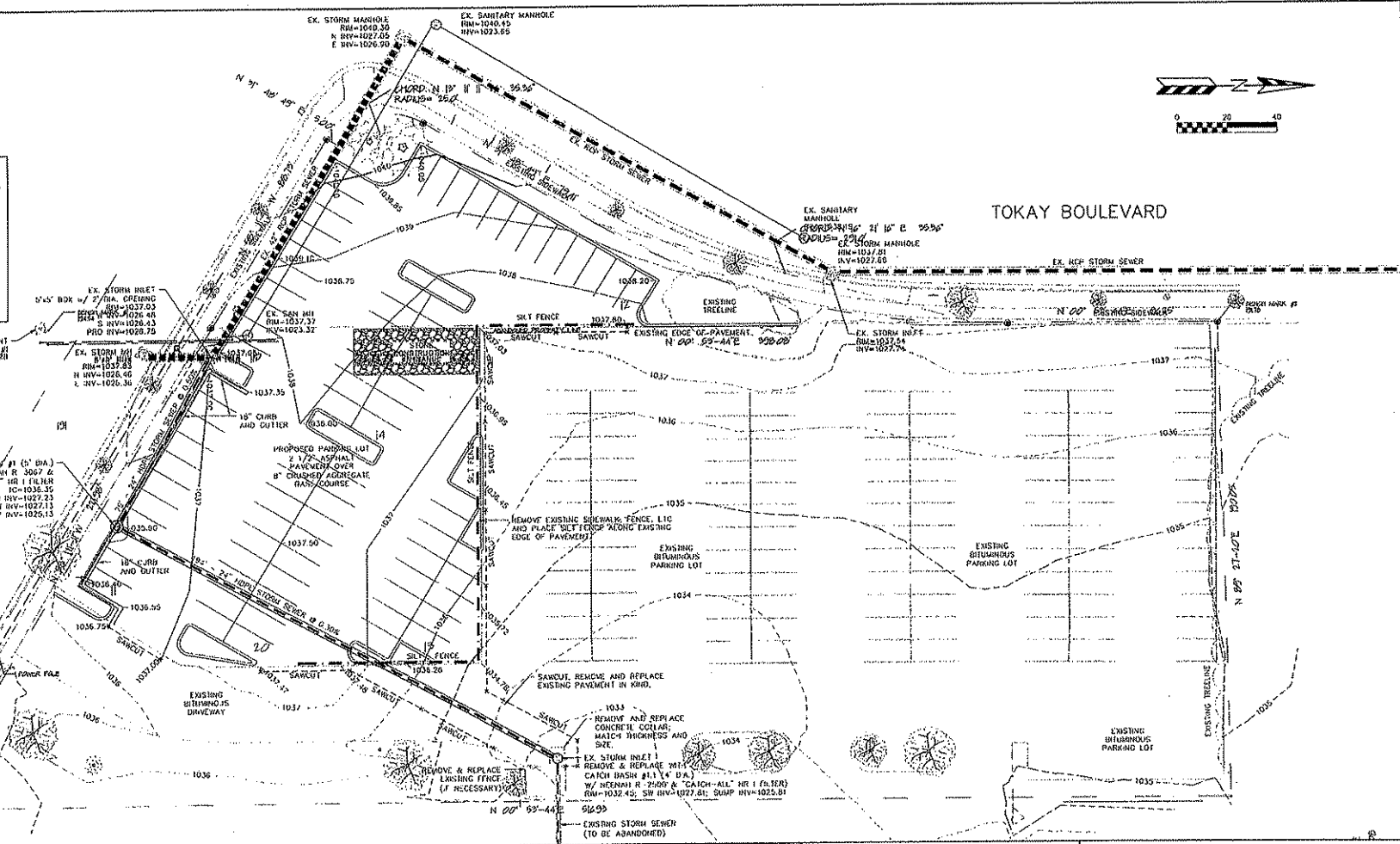
MAY 15 - 22, 2008 INSTALL EROSION CONTROL MEASURES, ERECT, ETC.

MAY 23 - SEPTEMBER 14, 2008 MAINTAIN EROSION CONTROL MEASURES AND CONSTRUCT STORM SEWER AND PARKING LOT.

SEPTEMBER 15, 2008 REMOVE ALL EROSION CONTROL MEASURES.

**RESTORATION NOTES:**

ALL DISTURBED AREAS, EXCEPT PAVED AND SIDEWALK, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. RESTORATION SHALL BE DONE AS SOON AS POSSIBLE AFTER THE DISTURBANCE IS REMOVED. SEED MIXTURE SHALL BE APPLIED TO ALL AREAS. MULCH SHALL BE APPLIED TO ALL AREAS. MULCH SHALL BE APPLIED TO ALL AREAS. MULCH SHALL BE APPLIED TO ALL AREAS.

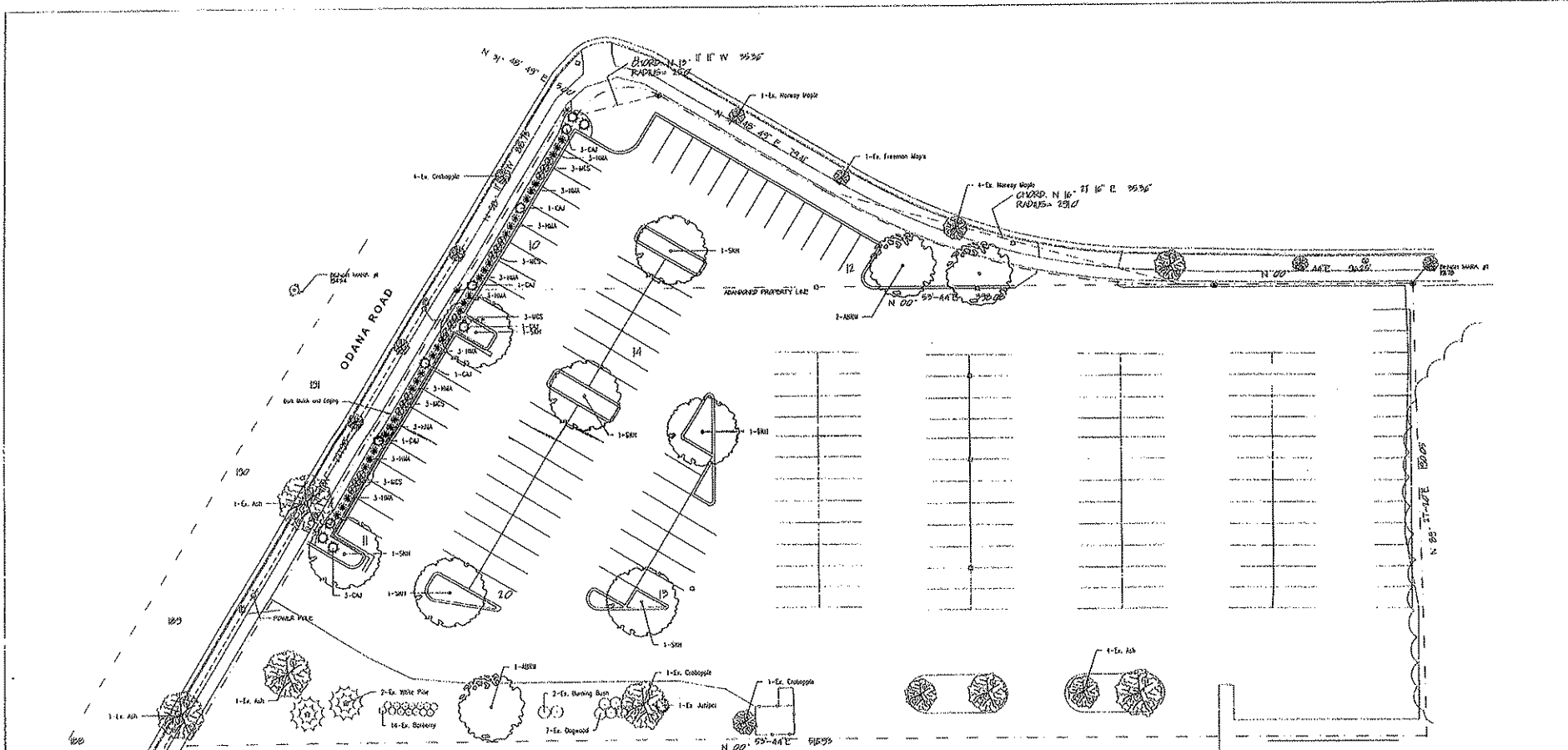


**ALL GRADES ARE EDGE OF PAVEMENT ELEVATIONS UNLESS NOTED.**

**ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR.**

**SMART MOTORS - 5714 ODANA ROAD**  
**GRADING AND EROSION CONTROL PLAN**  
**EXHIBIT #3**  
**DATED: MARCH 18, 2008**

**QUAM ENGINEERING, LLC**  
 Residential and Commercial Site Design Consultants  
 4893 Lorton Beach Road, McFarland, Wisconsin 53558  
 www.quamengineering.com



Plant Material List

Quantity	Code	Common Name	Scientific Name	Planting Size	Minimum Size
3	ABW	Ash	<i>Fraxinus americana</i>	2" - 3" DBH	40-60 feet
8	SHF	Shrub	<i>Spiraea alba</i>	2" - 3" DBH	40-60 feet
11	CAJ	Compact Norway Spruce	<i>Picea canadensis</i>	1" - 2" DBH	1' - 4' x 6' - 8'
30	HAH	Hardy Holly	<i>Ilex opaca</i>	1" - 2" DBH	2' - 3' M.
15	WCS	Witch Hazel	<i>Hamamelis virginica</i>	12" - 15"	18 inches

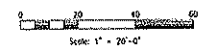
- Notes:
- Planting beds shall be edged with Dimpled Black Vinyl Edging or equivalent.
  - Parking lot islands shall receive #1 Washed Stone at 3" depth over fabric weed barrier.
  - Areas labeled bark mulch to receive double shredded hardwood bark mulch spread to a depth of 3" with 'Preps' or equivalent applied.
  - All newly planted trees and shrubs in lawn areas are to be mulched with a 3" die shredded bark mulch ring.
  - Disturbed lawn areas to be lime grated and seeded with sunny premium lawn seed blend, straw mulched and starter fertilizer applied.

LANDSCAPE ITEMS - QUANTITIES

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1. PLANTING BEDS	1	SQ. FT.	150.00	150.00
2. PARKING ISLANDS	1	SQ. FT.	150.00	150.00
3. BARK MULCH	1	SQ. FT.	150.00	150.00
4. LIME GRATING	1	SQ. FT.	150.00	150.00
5. SEEDING	1	SQ. FT.	150.00	150.00
6. STRAW MULCH	1	SQ. FT.	150.00	150.00
7. STARTER FERTILIZER	1	SQ. FT.	150.00	150.00
8. TOTAL				600.00

# LANDSCAPE PLAN

1" = 20'



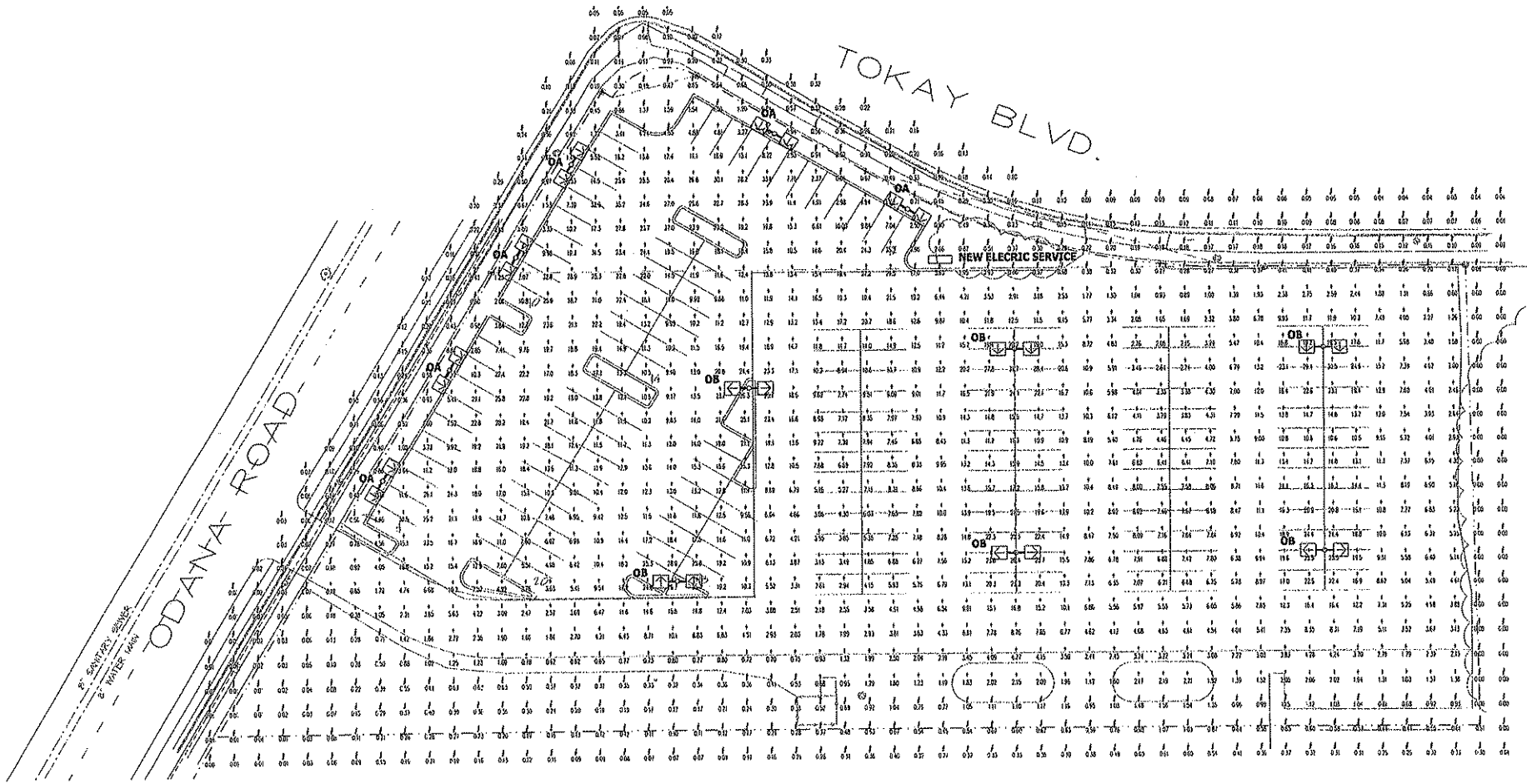
SITE PLAN  
 SP-1

SCALE: 1" = 20'-0"  
 DESIGN BY: JH  
 DATE: 4/3/08  
 REVISION: 6/27/08  
 REVISION:

**SMART MOTORS - ODANA LOT**  
 5714 Odana Road  
 Madison, WI 53719

Landscape Services  
**Barnes**  
 6433 Westport Road  
 Madison, WI 53719  
 Ph: 608.846.3333  
 Fax: 608.846.6339

Sheet:  
**L-1.0**



1 Site Lighting Photometric Plan



**DESIGN CRITERIA**

THIS ENTIRE LOT QUALIFIES AS AN OUTDOOR MERCHANT/SALE AREA ACCORDING TO MADISON CITY ORDINANCE 10-203.

THE REQUIREMENT FOR AN OUTDOOR MERCHANT/SALE AREA, THE MAXIMUM PERMITTED ILLUMINATION LEVEL BY 75% OF THE LOT SHALL NOT EXCEED 20 FOOT-CANDELES. A COMBINING AREA NOT TO EXCEED 25% OF THE LOT MAY BE DESIGNATED TO A LEVEL WHICH SHALL NOT EXCEED 40 FOOT-CANDELES.

ALL LIGHTING FIXTURES INSTALLED SHALL HAVE CLEAR GLASS LENSES WITH FULL ON-OFF OR SHIELDED OUTPUT.

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

TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION	QUANTITY	LOOPS
OA	TR	TR/STK/1000SH	TRIP FORWARD TURN ON 2" CONCRETE BASE	6	4-1000 81-37
OB	TR	TR/FI-1000SH-F-1HS	TRIP FORWARD TURN WITH FLAT GLASS LENS	6	4-1000 81-37
OC	TR	TR/STK/1000SH/HS	TRIP FORWARD TURN ON 2" CONCRETE BASE	6	4-1000 81-37
OD	TR	TR/FI-1000SHR-F-1HS	TRIP FORWARD TURN WITH FLAT GLASS LENS	6	4-1000 81-37

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

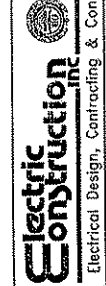
AREA NAME	AREA DESCRIPTION	AVG. FOOTCANDLE	MAXIMUM	MINIMUM
SALES LOT #	PARKING LOT FOR VEHICLE SALES	10.8	35.3	0.6

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

REVISIONS:


**Smart Motors**  
5714 Odiana Road  
Madison, WI 53719

2861 Index Road  
Madison, WI 53715  
608-271-1166  
Fax: 271-0160



JOB NUMBER  
DRAWN BY: RAB  
SCALE: 1" = 20'-0"  
DATE: 4/26/08

SHEET  
**E-Oa**