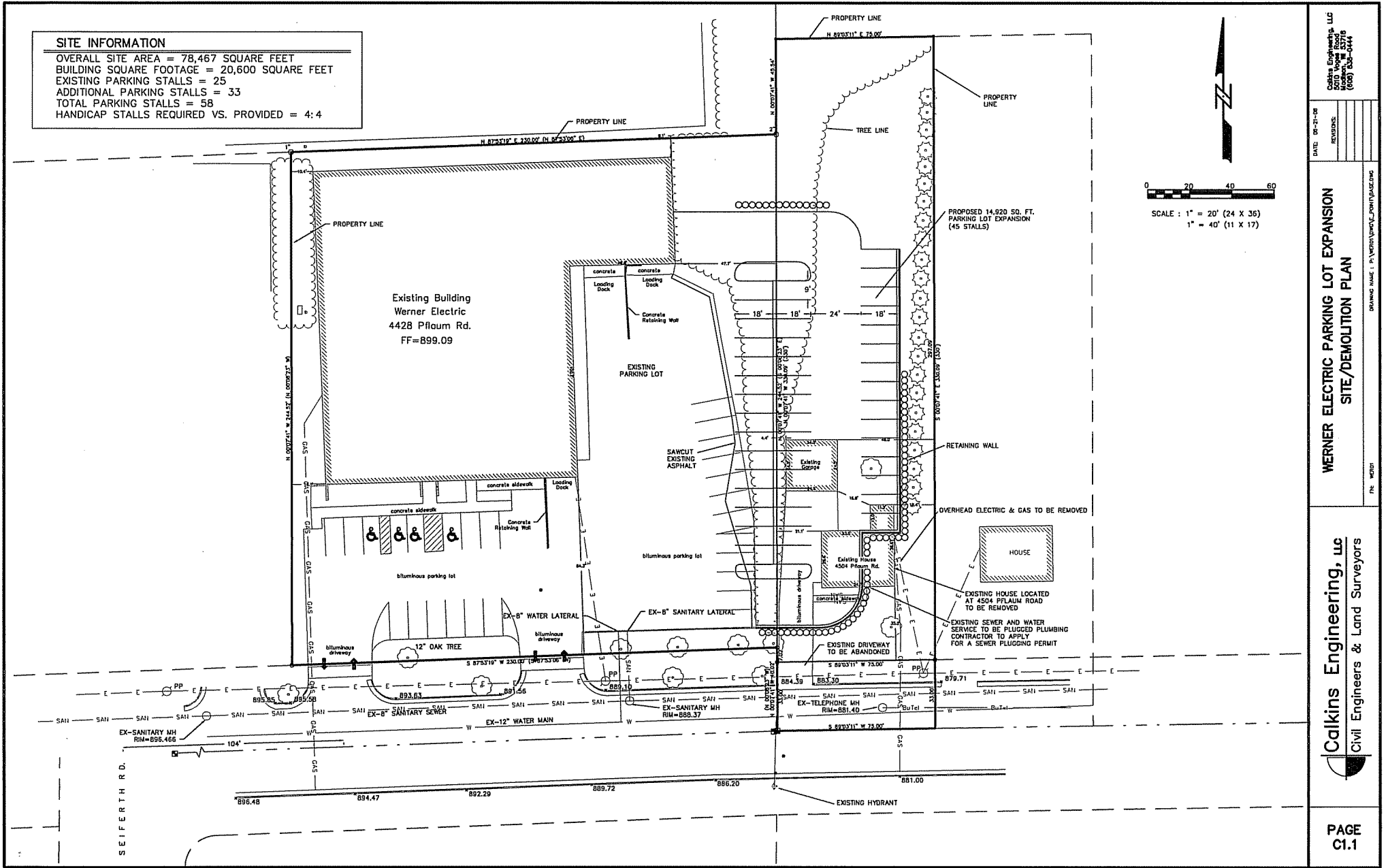


**SITE INFORMATION**

OVERALL SITE AREA = 78,467 SQUARE FEET  
 BUILDING SQUARE FOOTAGE = 20,600 SQUARE FEET  
 EXISTING PARKING STALLS = 25  
 ADDITIONAL PARKING STALLS = 33  
 TOTAL PARKING STALLS = 58  
 HANDICAP STALLS REQUIRED VS. PROVIDED = 4:4

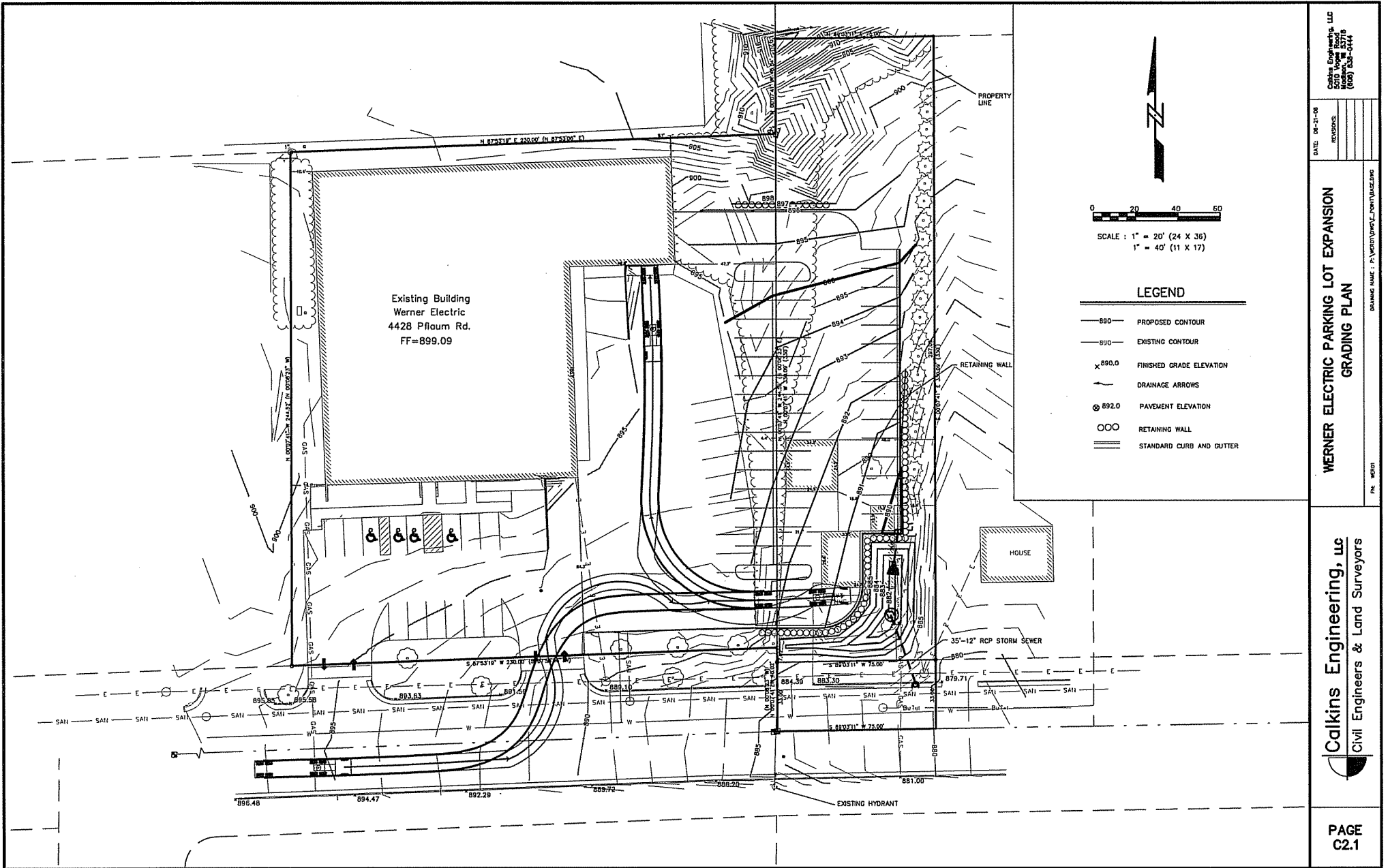


Calkins Engineering, LLC  
 5010 Vogel Road  
 Houston, TX 77056  
 (281) 483-4344

DATE	DR-21-06
REVISION	

**WERNER ELECTRIC PARKING LOT EXPANSION  
 SITE/DEMOLITION PLAN**

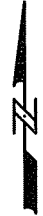
**Calkins Engineering, LLC**  
 Civil Engineers & Land Surveyors



Existing Building  
 Werner Electric  
 4428 Pfium Rd.  
 FF=899.09



SCALE : 1" = 20' (24 X 36)  
 1" = 40' (11 X 17)



**LEGEND**

- 890 — PROPOSED CONTOUR
- 891 — EXISTING CONTOUR
- x 890.0 FINISHED GRADE ELEVATION
- DRAINAGE ARROWS
- ⊙ 892.0 PAVEMENT ELEVATION
- RETAINING WALL
- ==== STANDARD CURB AND GUTTER

Calkins Engineering, LLC  
 3010 West 25th  
 (807) 533-0144

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DATE: 06-21-06  
 REVISIONS:

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**WERNER ELECTRIC PARKING LOT EXPANSION  
 GRADING PLAN**

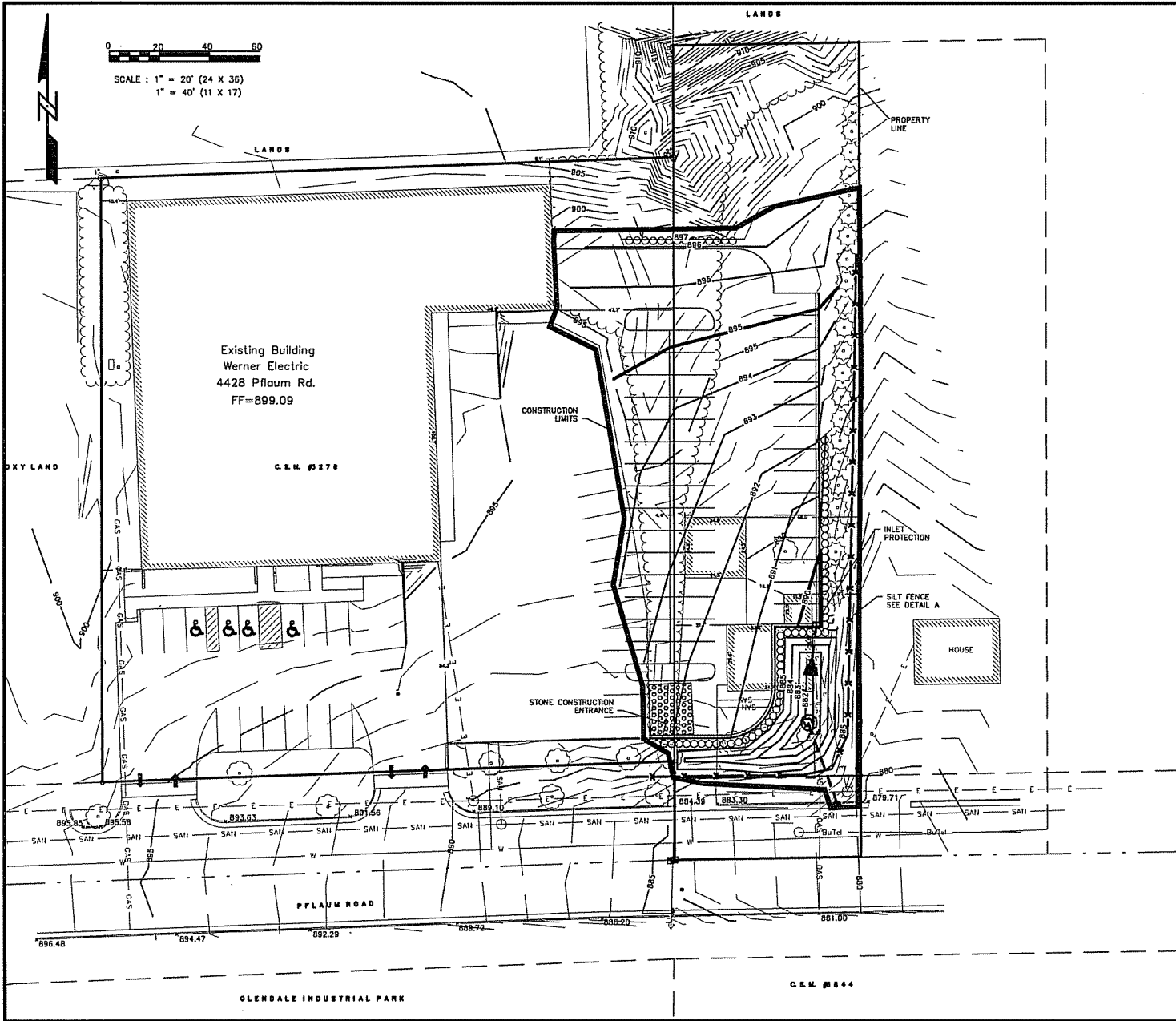
DRAWING NAME: P:\WERNER\Werner\_ParkingLot.dwg  
 PLS. NOTED

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**Calkins Engineering, LLC**  
 Civil Engineers & Land Surveyors

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**EROSION CONTROL NOTES:**

THE CONTRACTOR SHALL INSPECT THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT 0.5 INCHES OR GREATER WHICH RESULTS IN RUNOFF.

SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH DNR ADMINISTRATIVE RULE HR218 AT ALL TIMES.

STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS.

EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.

TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORK DAY OR AS REQUIRED BY THE VILLAGE.

ALL AREAS WHICH ARE NOT PAVED SHALL RECEIVE A MINIMUM OF 4" TOPSOIL PRIOR TO SEEDING.

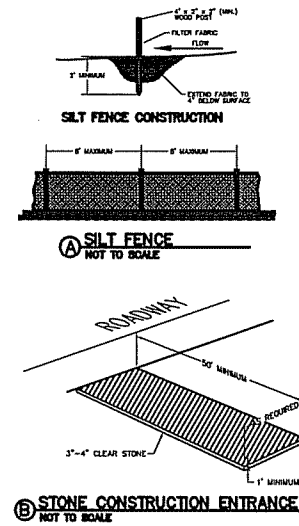
WISDOT CLASS 1 TYPE B EROSION MAT SHALL BE PLACED ON ALL SLOPES GREATER THAN 20% AND DITCH BOTTOMS

GRASS AREAS SHALL RECEIVE FERTILIZER, SEED, AND MULCH. SEED SHALL BE MIXTURE 40 IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS AND SHALL BE APPLIED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%. FERTILIZER SHALL BE APPLIED AT THE RATE OF SEVEN POUNDS PER 1,000 SQUARE FEET. MULCH SHOULD BE APPLIED SO THAT THE SOIL SURFACE IS UNIFORMLY COVERED. ACTUAL APPLICATION RATES MAY VARY DEPENDING UPON THE INDIVIDUAL SITE CHARACTERISTICS AND THE TYPE OF MULCH USED. MULCHING APPLICATION SHALL CONSIST OF STRAW AT A MIN. RATE OF 1.5 TONS PER ACRE. MULCH MUST BE CRUMPED.

IF CONSTRUCTION ACTIVITIES CANNOT BE COMPLETED BY THE DATES INDICATED, REVISED SOIL LOSS CALCULATIONS AND EROSION CONTROL MEASURES MUST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

**PROJECT SCHEDULE:**

INSTALL EROSION CONTROL MEASURES: JULY 1, 2006  
BEGIN CONSTRUCTION: JULY 15, 2006  
SEED AND MULCH SITE: OCTOBER 1, 2006  
VEGETATION ESTABLISHED: MAY 15, 2007

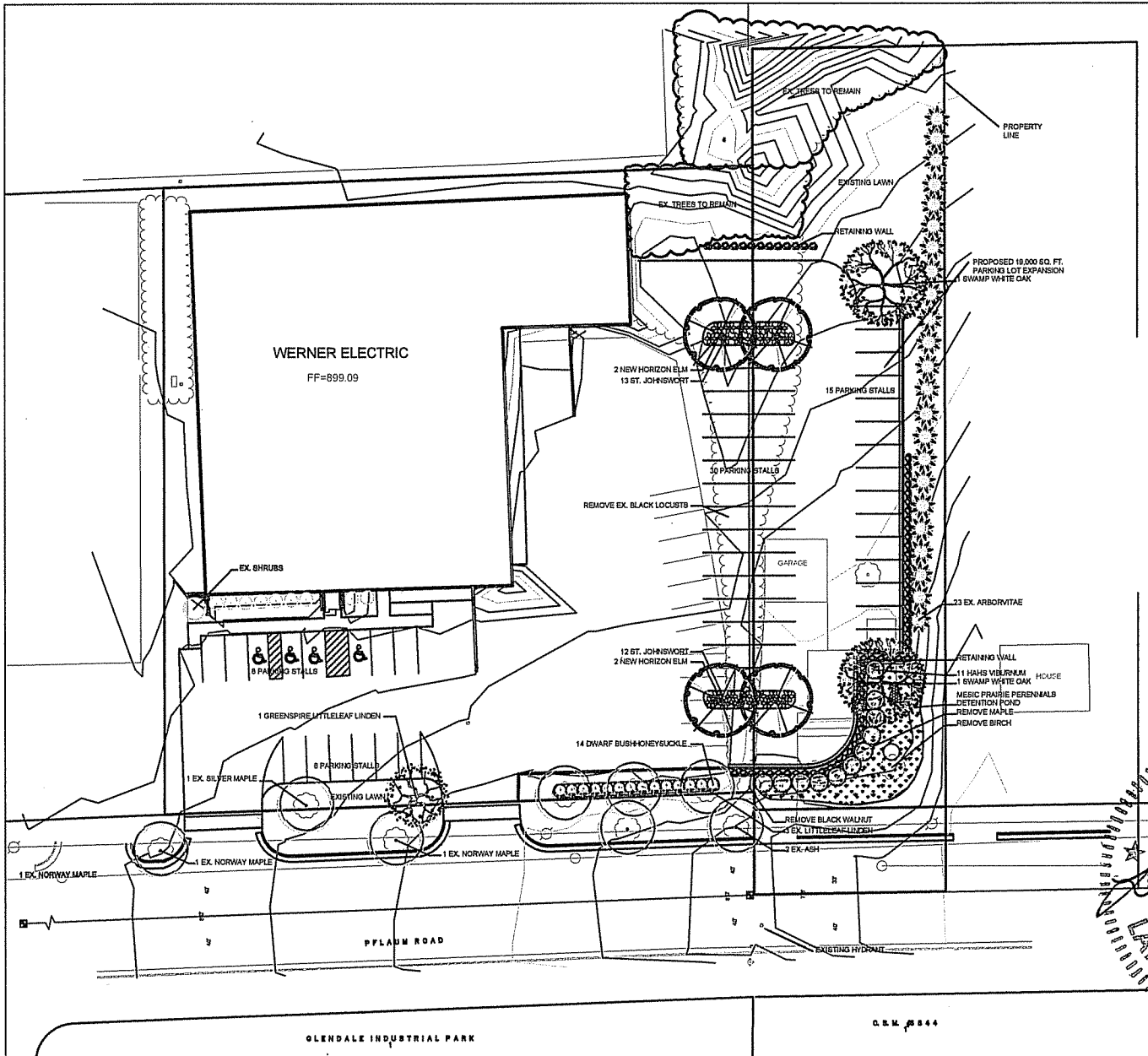


Calkins Engineering, LLC  
5010 Vesper Road  
Madison, WI 53719  
(608) 233-0344

DATE: 08-21-06  
REVISIONS:

**WERNER ELECTRIC PARKING LOT EXPANSION  
EROSION CONTROL PLAN**

Calkins Engineering, LLC  
Civil Engineers & Land Surveyors



### LANDSCAPE WORKSHEET

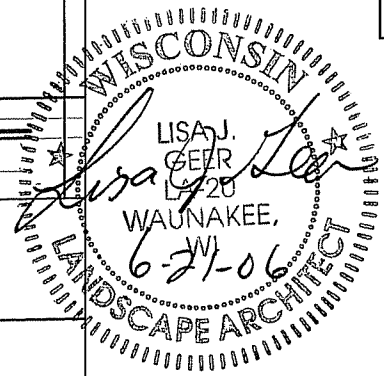
I. NUMBER OF TREES REQUIRED					
NUMBER OF PARKING STALLS		79 STALLS			
NUMBER OF SHADE TREES REQUIRED		5 TREES			
NUMBER OF SHADE TREES PROVIDED		5 TREES			
II. NUMBER OF LANDSCAPE POINTS REQUIRED					
NUMBER OF PARKING STALLS		79 STALLS			
NUMBER OF POINTS REQUIRED		879 POINTS			
TABULATION OF POINTS AND CREDITS					
ELEMENT	VALUE	QUANTITY	PTS. ACHIEVED	QUANTITY	PTS. ACHIEVED
CHERRY TREE	35	0	0	4	140
DECIDUED SHRUB	8	0	0	100	0
EVERGREEN SHRUB	2	0	0	17	34
EVERGREEN TREE	15	0	0	0	0
SMALL TREE	15	0	0	0	0
NUMBER OF POINTS PROVIDED					261

### LANDSCAPE LEGEND PARKING LOT

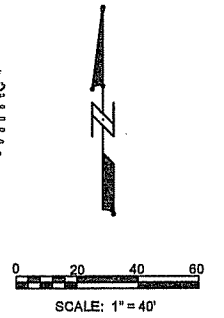
LATIN NAME	COMMON NAME	QTY	SIZE	ROOT
<b>SHADE TREES</b>				
<i>Quercus bicolor</i>	Sweep White Oak	8	8 1/2" CAL.	BA3
<i>Tilia cordata</i>	Greenspire Littleleaf Linden	1	8 1/2" CAL.	BA3
<i>Ulmus x 'New Horizon'</i>	New Horizon Elm	4	8 1/2" CAL.	BA3
<b>DECIDUED SHRUBS</b>				
<i>Deutzia scabra</i>	Dwarf Bushhoneysuckle	14	8 Gal.	Cont.
<i>Hypericum androsaemum</i>	St. Johnswort	25	8 Gal.	Cont.
<i>Viburnum trilobum 'Hoh'</i>	Hohs Viburnum	11	36" Ht.	BA3

### DETENTION AREA PERENNIALS

LATIN NAME	COMMON NAME
<i>Achillea ptarmica</i>	Red Milkweed
<i>Aster novae-angliae</i>	New England Aster
<i>Asclepias tuberosa</i>	Pink Indian Plantain
<i>Eupatorium maculatum</i>	Joe Pye Weed
<i>Eupatorium perfoliatum</i>	Common Joe Pye Weed
<i>Helianthus scaberrimus</i>	Deer Eye Sunflower
<i>Iris versicolor</i>	Blue Flag Iris
<i>Liatris pycnostachya</i>	Purple Blazingstar
<i>Monarda fistulosa</i>	Bergamot
<i>Rudbeckia hirta</i>	Yellow Coneflower
<i>Rudbeckia subtomentosa</i>	Everest Black-eyed Susan
<i>Siphium integrifolium</i>	Rudbeckia
<i>Siphium ternstroemianum</i>	Prairie Dock
<i>Solidago rigida</i>	Stiff Goldenrod
<i>Verbena hastata</i>	Blue Vervain
<i>Veronica fasciculata</i>	Ironweed
<i>Yucca filamentosa</i>	Blackstrap Yucca
<i>Elymus canadensis</i>	Canada Wild Rye
<i>Sorghastrum nutans</i>	Indian Grass
<i>Spergularia pectinata</i>	Prairie Cordgrass



**L.J. GEER DESIGN**  
 2810 Atwood Avenue #1  
 Madison, WI 53704  
 Tel: 608-441-0000 Fax: 608-441-0002



Calkins Engineering, LLC  
 5010 Walnut Street  
 Madison, WI 53718  
 (608) 263-9474  
 DATE: 06-21-06  
 WERNER ELECTRIC PARKING LOT EXPANSION LANDSCAPE PLAN  
 WERNER ELECTRIC PARKING LOT EXPANSION LANDSCAPE PLAN  
 PREPARED BY: L.J. GEER  
 L.J. GEER DESIGN  
 2810 Atwood Avenue #1  
 Madison, WI 53704  
 Tel: 608-441-0000 Fax: 608-441-0002  
 PAGES: 4  
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