

**APPLICATION FOR
URBAN DESIGN COMMISSION
REVIEW AND APPROVAL**

AGENDA ITEM # _____
Project # _____

| | |
|----------------------------------|--|
| DATE SUBMITTED: <u>11-30-05</u> | Action Requested |
| UDC MEETING DATE: <u>12-7-05</u> | <input type="checkbox"/> Informational Presentation |
| | <input type="checkbox"/> Initial Approval and/or Recommendation |
| | <input checked="" type="checkbox"/> Final Approval and/or Recommendation |

PROJECT ADDRESS: 5201 (LOT 9) & 5301 (LOT 10) FEMPLTE DRIVE
ALDERMANIC DISTRICT: 16-JUDY COMPTON

OWNER/DEVELOPER (Partners and/or Principals) ARCHITECT/DESIGNER/OR AGENT:
McAULEN PROPERTIES, LLC RUEDEBUSCH DEVELOPMENT
& CONSTRUCTION, INC.

CONTACT PERSON: TIM CLEARY / RUEDEBUSCH / DAVE NELSON
Address: 4605 DOVETAIL DRIVE
MADISON, WI 53704
Phone: 249-2012 EXT: 213
Fax: 249-2032
E-mail address: tim@ruedebusch.com

- TYPE OF PROJECT:
(See Section A for:)
- Planned Unit Development (PUD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
 - Planned Community Development (PCD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
 - Planned Residential Development (PRD)
 - New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is required as well as a fee)
 - School, Public Building or Space (Fee may be required)
 - New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 50,000 Sq. Ft.
 - Planned Commercial Site

(See Section B for:)
 New Construction or Exterior Remodeling in C4 District (Fee required)

(See Section C for:)
 R.P.S.M. Parking Variance (Fee required)

(See Section D for:)
 Comprehensive Design Review* (Fee required)
 Street Graphics Variance* (Fee required)
 Other _____



*Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)



Femrite Project Description

Lot 9 (5201) & Lot 10 (5301) Femrite Drive

October 26, 2005/Revised November 21, 2005 (Per Urban Design Comments)

Description of Project:

Zoned = M1 (both lots)

Urban Design District 1

Building Ht. = 22'-3 1/2" t/parapet

Total Site = 11.65 acres (507,474 s.f.)

Impervious Area

Building 1 = 65,125 s.f.

(575' x 110' x 23'-3 1/2" / parapet ht. single slope to south 1/4"-low eave ht. of 20'-0")

Building 2 = 54,125 s.f.

Total = 119,250 s.f.

Asphalt/Sidewalk = 168,506 s.f.

Total Impervious Area = 287,756 s.f. = (57%)

Total Green Area = 219,718 s.f.(43%)

Parking Stalls = 239 (Phase 1 = 103 + 4 h.c./ Phase 2 = 128 + 4 h.c.)

Bike Stalls = 25 (Phase 1 = 10 / Phase 2 = 15)

This project will consist of two phases.

Phase 1 shall consist of building 1 with a car parking lot to the north and a loading area to the south.

It will include (2) 30' driveways along Femrite Drive and (1) 40' driveway along Agriculture Drive. The north, east and west elevations to have a combination of these building materials (starting at ground level); 8" x 16" burnished block (cranberry blend), E.I.F.S. (engineered insulation finish system/ prairie stone) and horizontal super rib metal panel by Centria. The south elevation will incorporate a loading dock area, and will have vertical metal wall panel (Metallic). This will allow for versatility to future tenants. The parapet shown along with the roof sloping from the north to the south of the building will assist in screening the mechanical systems. The dumpster location will be at the south elevation loading dock / 4'-0" below the finish floor. The concrete retaining wall to the west and the building wall to the east will help screen the dumpster from these views. Building 2 construction will screen the south. At this time tenants are not specified, although any tenant shall meet the requirements by Urban Design District 1 and the developer (Rhodia, Inc.).

Phase 2 shall consist of building 2 with the car parking lot to the west and south, the timeline for this building has not been established at this time. Similar appearance and construction to building 1.

INDUSTRIAL PARK

M1

M1

M1

C3

C33CL

C33CL

C33CL

C3

C3

C3

C3

C3

C3

C3

C3

C3

C3

M1

M1

M1

M1

M1

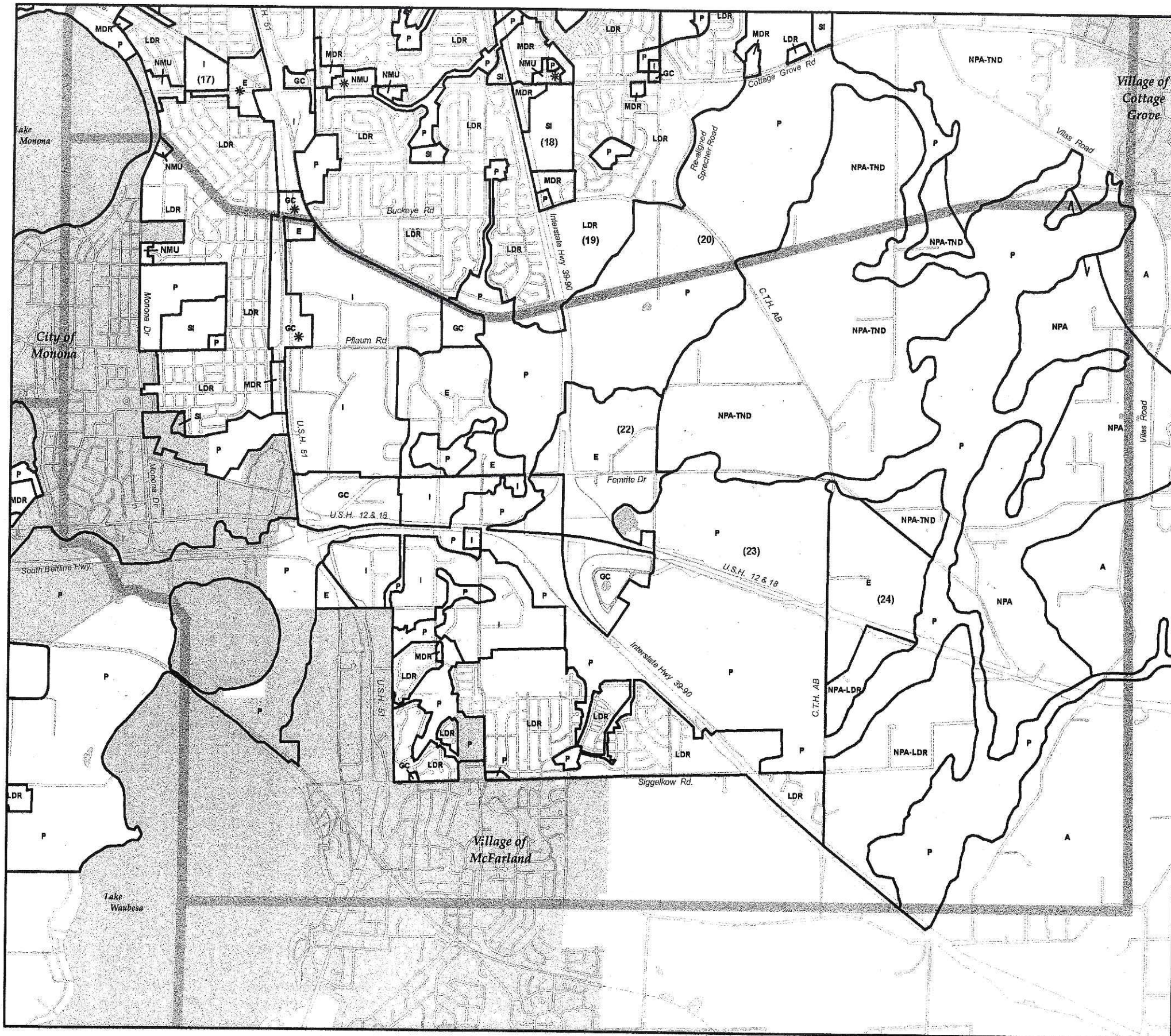
W

M1

M1 W
5102

W

October 21, 2005, 10:15am



DRAFT VOLUME II MAP 2-2e

Generalized Future Land Use Plan

City of Madison
October 2005

RESIDENTIAL DISTRICTS
 LDR Low Density (0 - 15 units/acre)
 MDR Medium Density (16 - 40 units/acre)
 HDR High Density (41 - 60 units/acre)

MIXED USE DISTRICTS
 NMU Neighborhood Mixed Use
 CMU Community Mixed Use
 RMU Regional Mixed Use

COMMERCIAL/EMPLOYMENT DISTRICTS
 GC General Commercial
 RC Regional Commercial
 E Employment
 I Industrial

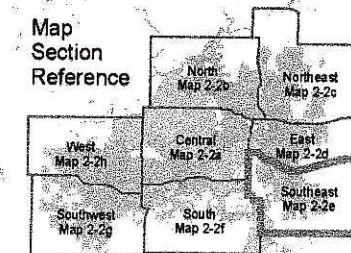
OPEN SPACE - AGRICULTURE DISTRICTS
 P Park and Open Space
 A Agriculture/Rural Uses

SPECIAL DISTRICTS
 SI Special Institutional
 AP Airport
 C Campus

Downtown Districts (See Volume II Map 2-3)
 NPA Neighborhood Planning Area (TND Encouraged)

SPECIAL OVERLAY DESIGNATIONS
 * TOD Transit Oriented Development (Conceptual Locations)
 TND Traditional Neighborhood Development (Conceptual locations, TND may be applied to NPA and residential districts as specified in neighborhood and special area plans.)
 (0) Land Use Note Reference Number

Other Cities and Villages
 Existing Street
 Conceptual Street



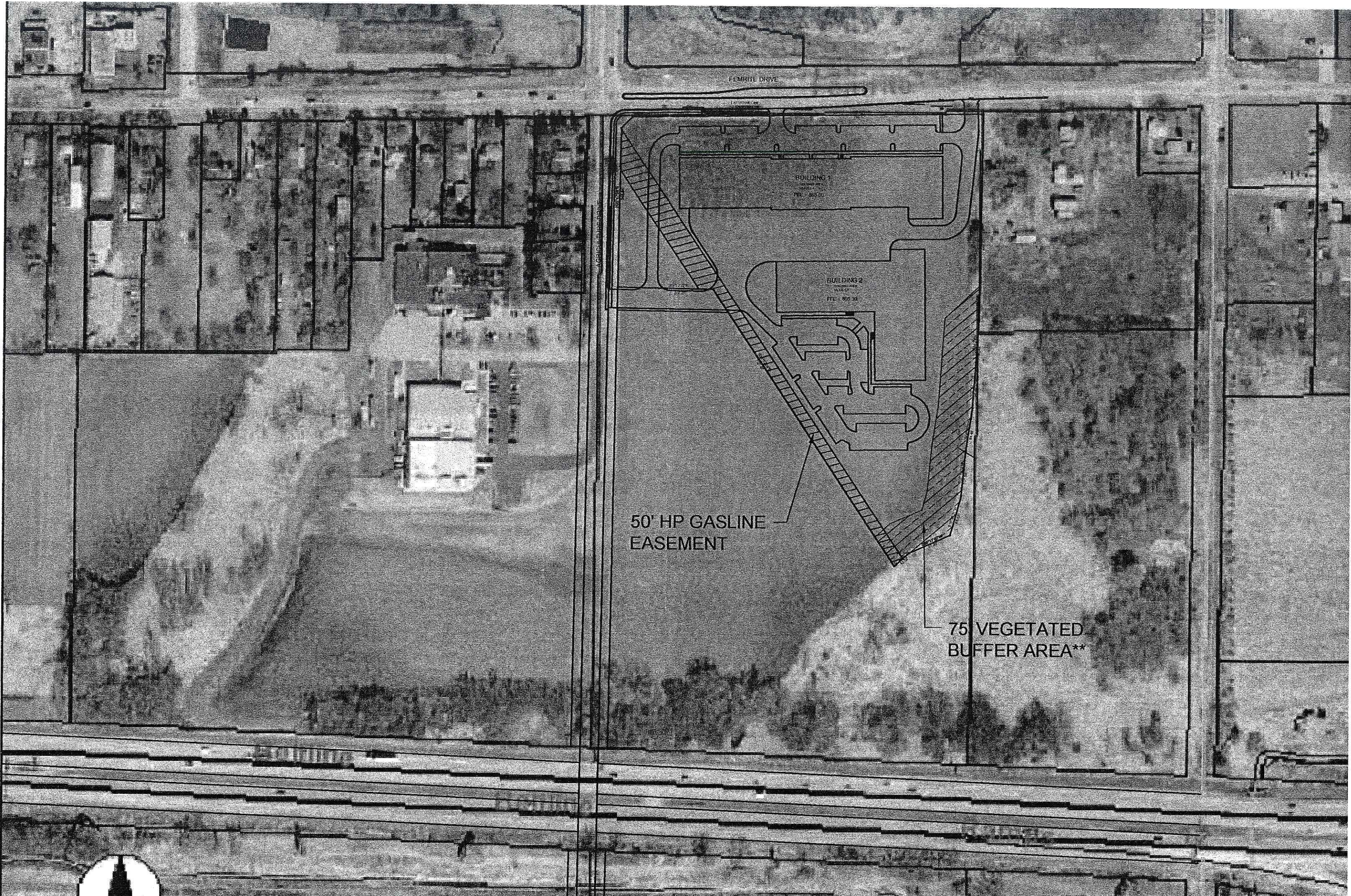
Data Source:
City of Madison Department of Planning and Development, Planning Unit





FLMRITE DRIVE

ACORN DRIVE



FERRITE DRIVE

BUILDING 1

FFE - 805 01

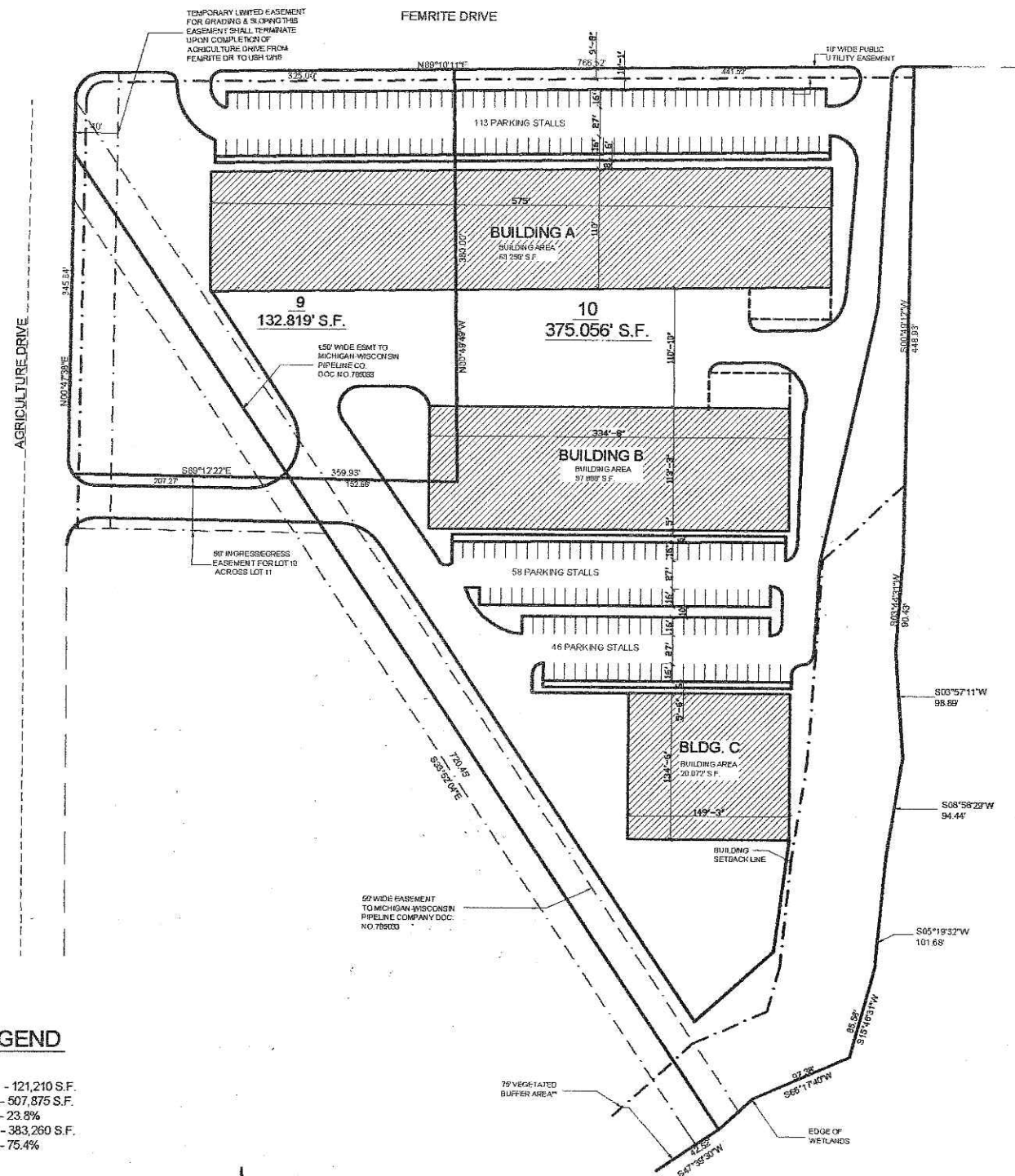
BUILDING 2

FFE - 805 02

50' HP GASLINE
EASEMENT

75' VEGETATED
BUFFER AREA**



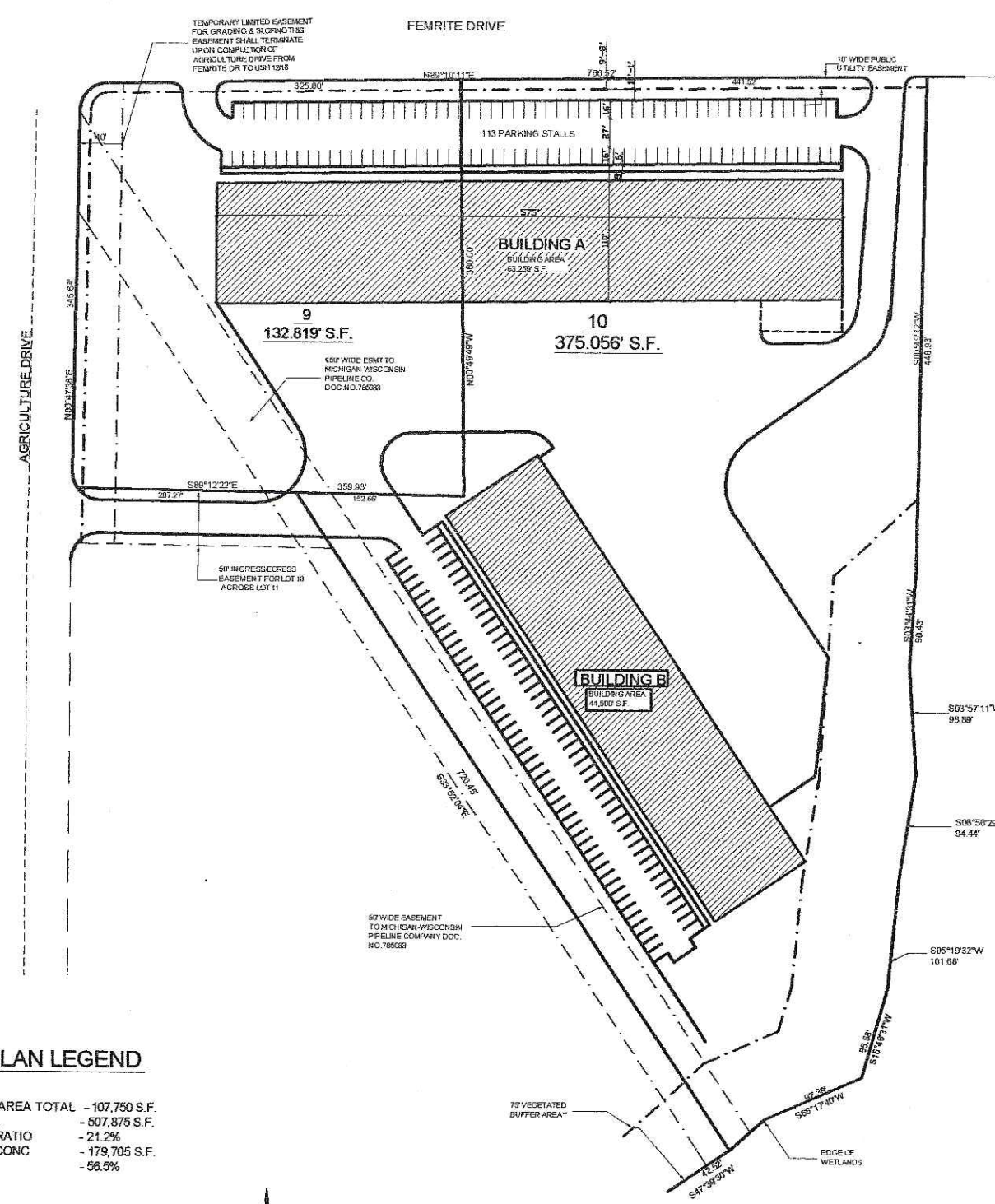


SITE PLAN LEGEND

| | |
|---------------------|----------------|
| BUILDING AREA TOTAL | - 121,210 S.F. |
| SITE AREA | - 507,875 S.F. |
| BUILDING RATIO | - 23.8% |
| ASPHALT/CONC | - 383,260 S.F. |
| I.S.R. | - 75.4% |



SITE PLAN - OPTION A



SITE PLAN LEGEND

| | |
|---------------------|----------------|
| BUILDING AREA TOTAL | - 107,750 S.F. |
| SITE AREA | - 507,875 S.F. |
| BUILDING RATIO | - 21.2% |
| ASPHALT/CONC | - 179,705 S.F. |
| I.S.R. | - 56.5% |



SITE PLAN - OPTION B

| Broadleaf Deciduous | | | | |
|---------------------|-----------|--|---------------------------------------|---------------|
| Quantity | Code Name | Scientific Name | Common Name | Planting Size |
| 11 | ABM | Acer X Freesia 'Autumn Blaze' | Autumn Blaze Maple | 2" B&B |
| 4 | APA | Fraxinus Americana 'Autumn Purple' | Autumn Purple White Ash | 2" B&B |
| 4 | CCP | Pyrus Calleryana 'Charlemagne' | Charlemagne Callery Pear | 1 3/4" B&B |
| 5 | GM-M | Acer Saccharum 'Green Mountain' | Green Mountain Sugar Maple | 2" B&B |
| 4 | PO | Quercus Palustris | Pin Oak | 2" B&B |
| 11 | PSC | Malus 'Pink Spire' | Pink Spire Crabapple | 1 1/2" B&B |
| 4 | PTC | Malus 'Princed' | Princed Crabapple | 1 3/4" B&B |
| 4 | RJCC | Malus 'Red Jewel' (dp) | Red Jewel Crabapple (dp) | 6" B&B |
| 7 | RAL | Tilia Americana 'Radmond' | Radmond Amer Linden | 2" B&B |
| 2 | RBC | Betula Ngra (4) | River Birch (4) | 1 1/2" B&B |
| 6 | SHL | Gleditsia Tricane Iner 'Skyline' | Skyline Thins Honeylocust | 2" B&B |
| 1 | SOC | Malus 'Snowdrift' | Snowdrift Crabapple | 1 3/4" B&B |
| 5 | TCHT | Crataegus Cuneata Var Iner (f) | Thick Cockspur Hawthorn (f) | 1 3/4" B&B |
| Conifer Evergreen | | | | |
| Quantity | Code Name | Scientific Name | Common Name | Planting Size |
| 16 | BF-S | Picea Glauca Var Daniels | Black Hills Spruce | 5" B&B |
| 4 | BGS | Picea pungens Formis Glauca | Blue Colorado Spruce | 5" B&B |
| 12 | EWV | Pinus strobus | Eastern White Pine | 5" B&B |
| 24 | ELY | Taxus X Media 'Everlow' | Everlow Yew | 1 1/2" B&B |
| 20 | KCJ | Juniperus Chinensis Compacta | Kelly Compact Juniper | #2 CONT. |
| 10 | MJ | Juniperus Chinensis 'Misty' | Misty Juniper | #5 CONT. |
| 22 | MAJ | Juniperus Sibirica 'Mini Arcadia' | Mini Arcadia Juniper | #2 CONT. |
| 5 | TA | Thuja Occidentalis 'Teehee' | Teehee Arborvitae | 4" B&B |
| 14 | WF | Abies Concolor | White Fir | 4" B&B |
| 2 | WGA | Thuja Occidentalis 'Woodward' | Woodward Globe Arborvitae | #5 CONT. |
| Perennial | | | | |
| Quantity | Code Name | Scientific Name | Common Name | Planting Size |
| 23 | AD | Hemerocallis 'Aconit' | Aconit Day Lily (red 28" Hfls) | #1 CONT. |
| 10 | AJS | Sedum 'Autumn Joy' | Autumn Joy Sedum (red 24") | #1 CONT. |
| 17 | BES | Rudbeckia Full Sun Sullivan 'Goldstrum' | Black-eyed Susan | #1 CONT. |
| 6 | FWM | Hosta 'Frances Williams' | Francis Williams Hosta (blue var 40") | #1 CONT. |
| 36 | HDFG | Pennisetum Alopecuroides 'Hamlet' | Hamlet Dwarf Fountain Grass | #2 CONT. |
| 25 | KFG | Calamagrostis Acutiflora 'Karl Foerster' | Karl Foerster's Feather Reed Grass | #2 CONT. |
| 18 | PCB | Heuchera 'Koranda' 'Palace Purple' | Palace Purple Coral Bells | #1 CONT. |
| 5 | RS | Perovnia Anaphalofolia | Russian Sage | #2 CONT. |
| 24 | SDO | Hemerocallis 'Stella De Oro' | Stella De Oro Day Lily (gold 18" H) | #1 CONT. |
| Shrub | | | | |
| Quantity | Code Name | Scientific Name | Common Name | Planting Size |
| 2 | AH | Hydrangea Arborescens 'Annabelle' | Annabelle Hydrangea | #5 CONT. |
| 17 | BMV | Viburnum Dentatum 'Blue Muffin' | Blue Muffin Arnd Viburnum | #5 CONT. |
| 28 | GFS | Spiraea Japonica 'Goldflame' | Goldflame Spirea | #2 CONT. |
| 18 | KJ | Hypericum Kalmianum | Kalm St Johnswort | #3 CONT. |
| 6 | LPS | Spiraea Japonica 'Little Princess' | Little Princess Spirea | #2 CONT. |
| 9 | ML | Syringa Paula 'Miss Kim' | Miss Kim Lilac | #5 CONT. |
| 15 | NWR | Rosa 'Nearly Wild' | Nearly Wild Rose | #3 CONT. |
| 26 | PL | Syringa Meyer Palbin' | Palbin Lilac | #7 CONT. |
| 5 | SR | Rosa 'Mekong' | Scarlet Mekong Rose | #2 CONT. |
| 6 | SN | Spiraea Japonica 'Snowmound' | Snowmound Hipped Spirea | #5 CONT. |
| 4 | SWN | Physocarpus Opulifolius 'Seward' | Summer Wine Ninebark | #5 CONT. |
| 7 | TWE | Euonymus Alatus 'Tutor' | Tutor Winged Euonymus | 2" B&B |

GENERAL NOTES

A) Areas labeled "Bark Mulch" to receive a mixture of hardwood shredded bark mulch spread to a 3" depth over pre-emergent.

B) Individual trees (and shrub groupings) found along perimeter of property as well as those found within lawn areas to receive bark rings (and bark beds) consisting of a mixture of hardwood shredded bark mulch spread to a minimum 3" depth (3' wide beds for shrub groupings).

C) "Edging" to be Valley View Black Diamond Plastic Edging or equivalent.

D) Areas labeled "Stone Mulch" to receive 1-1/2" washed stone spread to a 3" depth over fabric weed barrier.

E) "Seed" areas shall be finish-graded and seeded at a rate of 4 lbs. per 1,000 sq ft. Use a nurse cover crop like annual rye grass at 2 lbs. per 1,000 sq ft. Mulch with blown hay or straw which is mechanically crimped in place.

F) Areas labeled "Seed" shall receive a mixture of the following types:
 40% Palmer Ryegrass
 20% Baron Bluegrass
 20% Nassau Bluegrass
 20% Pennlawn Creeping Red Fescue

G) Areas labeled "Fescue Seed Mix" shall be seeded with OLDS Seed Companies "SURVIVOR MIX" at a rate of 6 lbs. per 1,000 sq ft. Use a nurse cover crop like annual rye grass at 2 lbs. per 1,000 sq ft. Mulch with blown hay or straw which is mechanically crimped in place.

H) Areas labeled "Detention Basin Mix" shall be seeded with Prairie Nursery's "Detention Basin Wet Prairie Mix" at a rate of 1/2 lb. per 1,000 sq ft. Use a nurse cover crop like annual rye at 2 lbs. per 1,000 sq ft. Mulch with blown hay or straw.

I) Plant beds adjacent to building foundation to be mulched with 1-1/2" diameter washed stone mulch spread to a 3"-4" depth over fabric weed barrier.

INFILTRATION BASIN PLANTING MIX

| Common Name | Scientific Name | Height | Spacing |
|-----------------------|----------------------|--------|---------|
| GRASSES AND SEDGES | | | |
| SCOTT'S BLUE SEDGE | CAREX FLORIDANA | 1 FT | 1'x1' |
| FLORIDA BLUE SEDGE | CAREX FLORIDANA | 1 FT | 1'x1' |
| FLORIDA BLUE SEDGE | CAREX FLORIDANA | 1 FT | 1'x1' |
| FORBS | | | |
| LAUREL HYDRANGEA | AGASTACHE FORNSICOLA | 1 FT | 1'x1' |
| NEW ENGLAND SPICE | ASTRagalus | 1 FT | 1'x1' |
| BLUE WILD YARD | ASPERULA | 1 FT | 1'x1' |
| BLUE WILD YARD | ASPERULA | 1 FT | 1'x1' |
| SPOTTED GARLIC | ALLIUM | 1 FT | 1'x1' |
| WINDSOR | ALLIUM | 1 FT | 1'x1' |
| FACE LIFTOROW | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| CHERRY BLOSSOM | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| EDUCATION | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| SWEET BLACK-BIRD SEED | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| REGULAR GOLDENROD | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |
| WILD YARD | HELIOPSIS | 1 FT | 1'x1' |

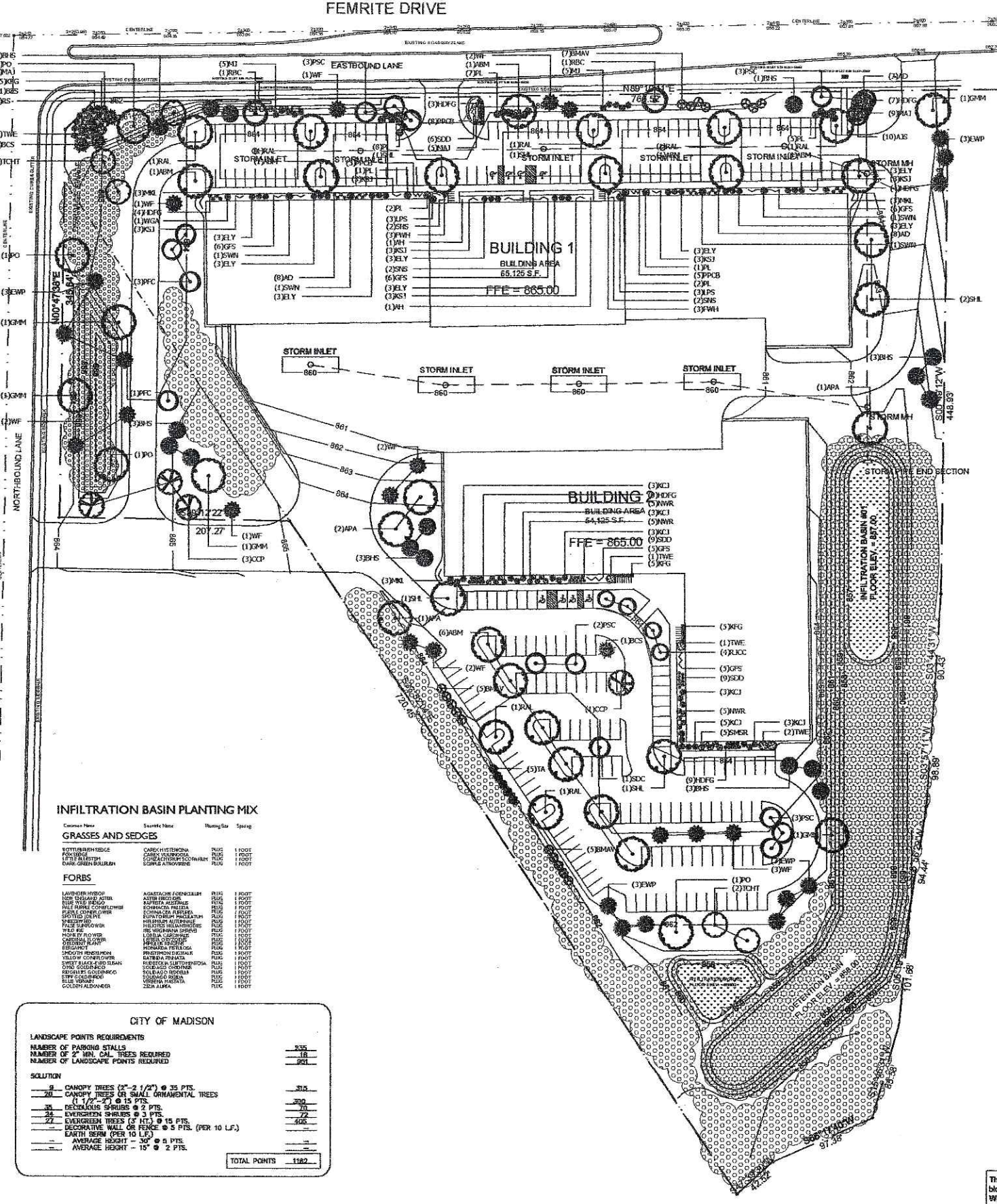
CITY OF MADISON

LANDSCAPE POINTS REQUIREMENTS

| REQUIREMENT | POINTS |
|---------------------------------------|--------|
| NUMBER OF PARKING SPACES | 1 |
| NUMBER OF 2" MIN. CAL. TREES REQUIRED | 10 |
| NUMBER OF LANDSCAPE POINTS REQUIRED | 11 |

SOLUTION

| | |
|---|-------------|
| 8 CANOPY TREES (2" - 2 1/2" @ 35 PTS.) | 280 |
| 20 CANOPY TREES (3" - 3 1/2" @ 35 PTS.) | 700 |
| 30 DECIDUOUS SHRUBS @ 2 PTS. | 60 |
| 24 EVERGREEN SHRUBS @ 3 PTS. | 72 |
| 22 EVERGREEN TREES (3" HT) @ 15 PTS. | 330 |
| DECORATIVE WALL OR FENCE @ 5 PTS. (PER 10 L.F.) | 5 |
| EARTH BERM (PER 10 L.F.) | 10 |
| AVERAGE HEIGHT - 30' @ 5 PTS. | 15 |
| AVERAGE HEIGHT - 15' @ 2 PTS. | 10 |
| TOTAL POINTS | 1182 |



LANDSCAPE PLAN
SCALE: 1" = 50'-0"

This plan made exclusively for the party named in the title block. It remains the property of The Bruce Company of Wisconsin, Inc. and may not be reproduced or implemented in whole or part by any method without prior written consent of The Bruce Company of Wisconsin, Inc.

RUEDEBUSCH DEVELOPMENT & CONSTRUCTION
 4505 CENTRAL DR. MADISON, WISCONSIN 53704
 PHONE: (608) 248-2012 FAX: (608) 248-2012

the bruce company
 OF WISCONSIN, INC.
 LANDSCAPE ARCHITECTS
 LANDSCAPE CONTRACTORS

2620 N. DELANE HWY
 P.O. BOX 50300
 MADISON, WI 53705-0300
 TEL: (608) 638-7041
 FAX: (608) 631-6286

PROJECT NAME:
LOT 9-10 FEMRITE DR

SHEET TITLE:
LANDSCAPE PLAN

1 11.29.05 REVISE PER CITY COMMENTS

| NO. | DATE | REVISIONS | BY |
|------------------|------|-------------------------------|----|
| PROJECT NUMBER: | | 5137 | |
| DATE: | | 11-22-05 | |
| DRAWN BY: | | CPP | |
| CHECKED BY: | | D. NELSEN | |
| PROJECT MANAGER: | | D. NELSEN | |
| FILE NAME: | | I:\2005_CAD\CHUCK\Femrite05C2 | |

SHEET NUMBER

L.1



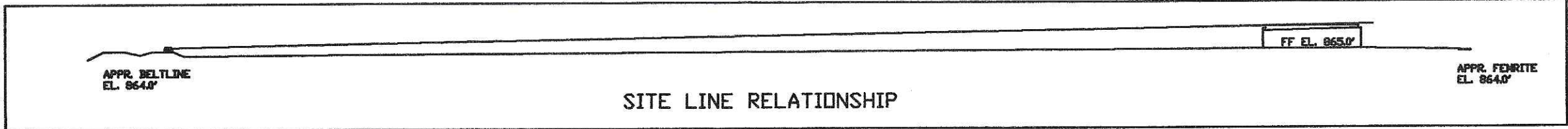


PHOTO 1



PHOTO 2

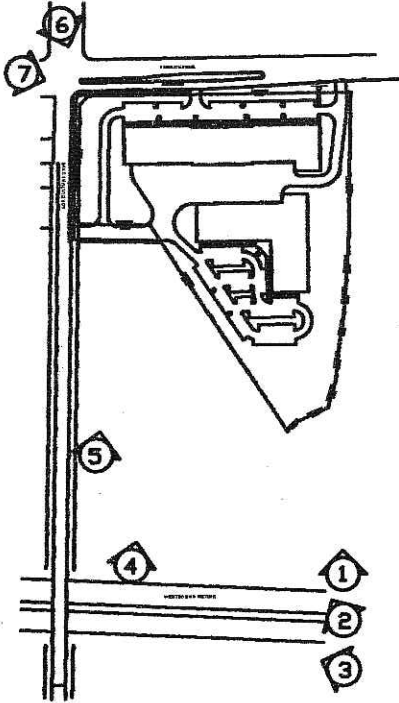


PHOTO LOCATION KEY

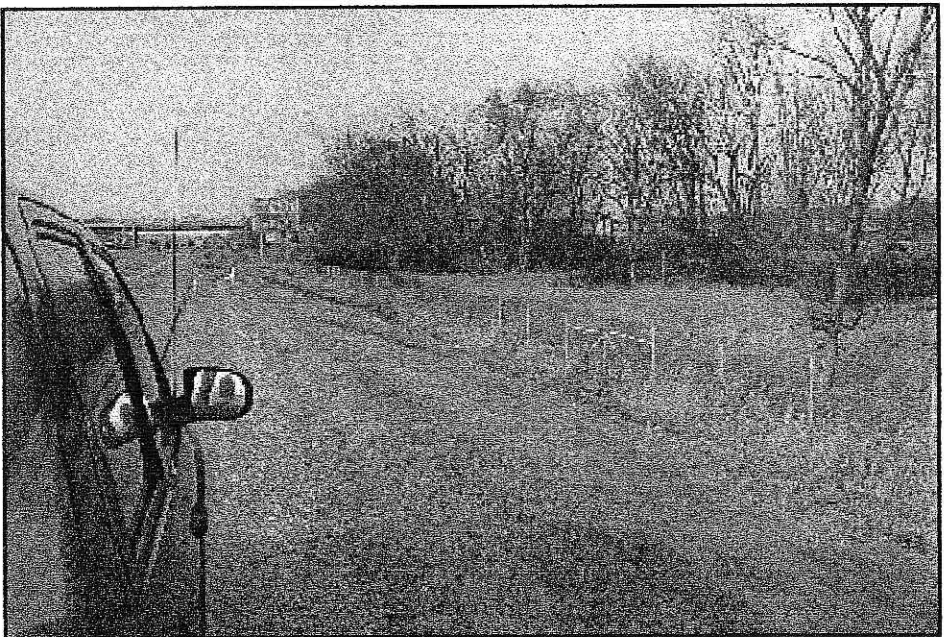


PHOTO 3

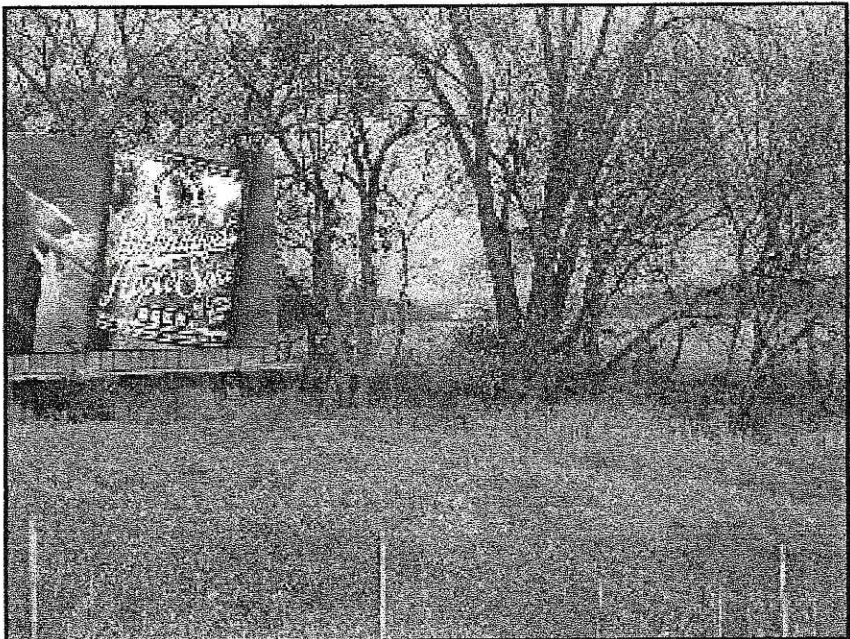


PHOTO 4



PHOTO 5



PHOTO 6

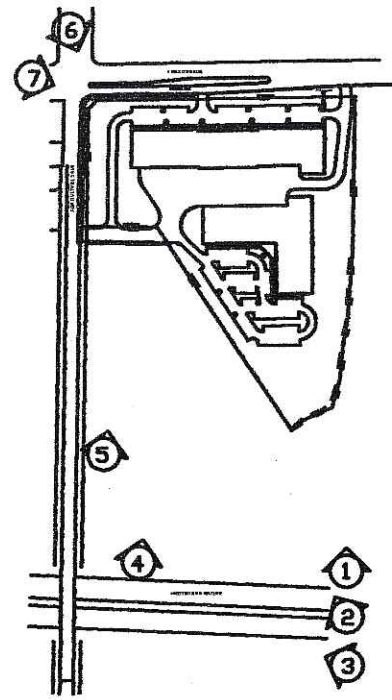
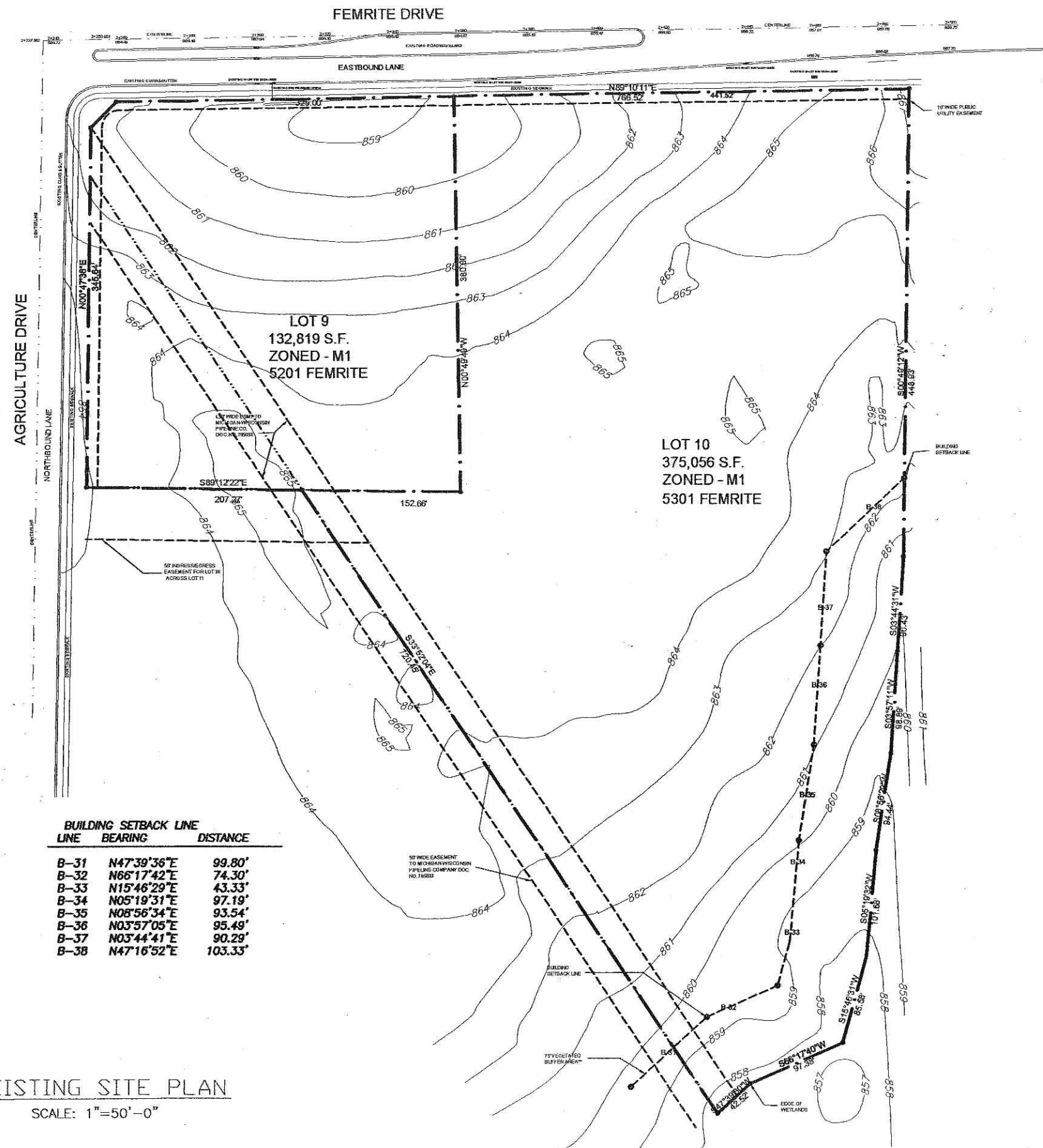


PHOTO LOCATION KEY



PHOTO 7



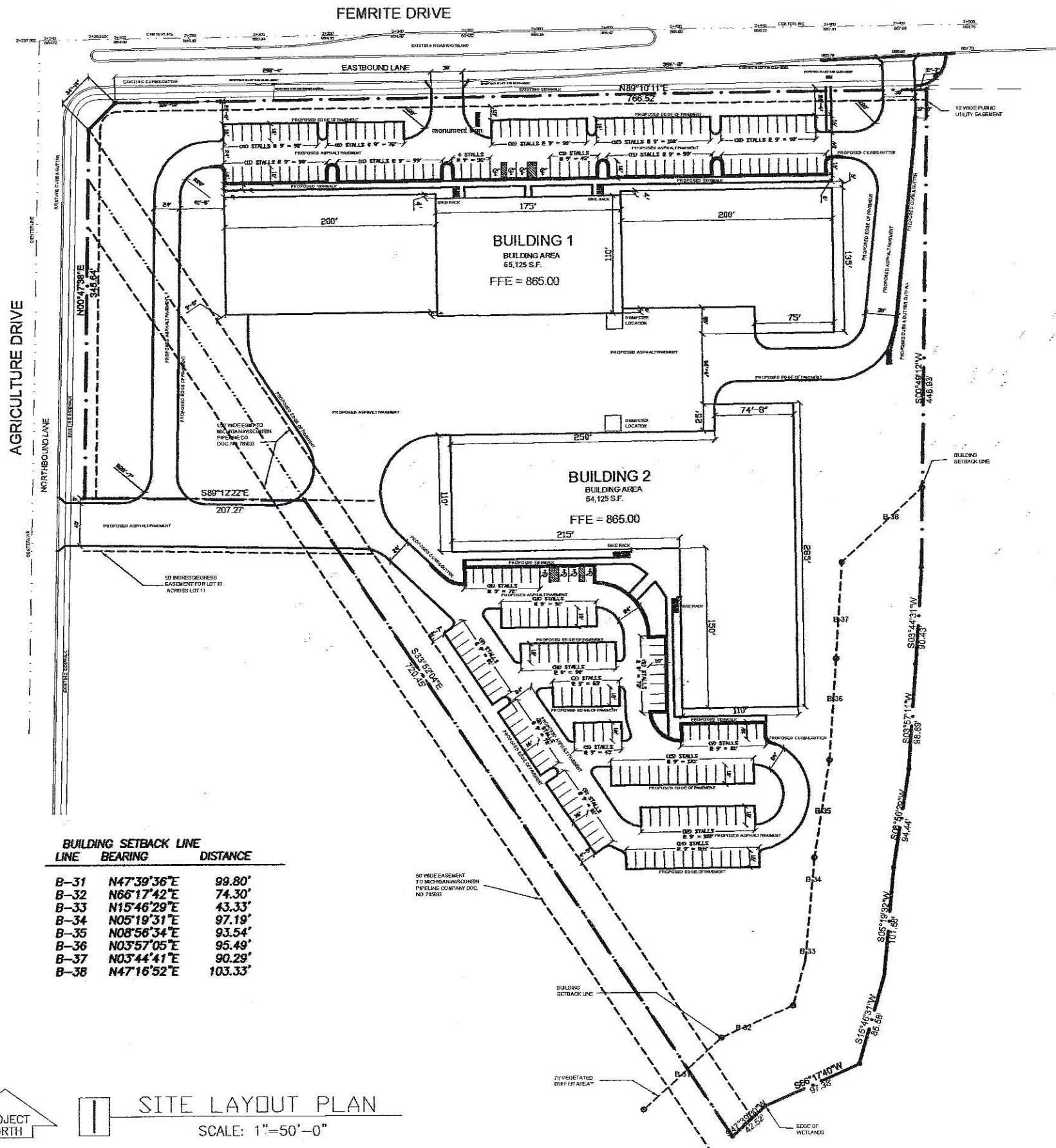
EXISTING SITE PLAN
SCALE: 1"=50'-0"

PROJECT NAME:
LOT 9 (5201) &
LOT 10 (5301)
FEMRITE DRIVE
MADISON, WI

SHEET TITLE:
SITE DEVELOPMENT PLAN

| NO. | DATE | REVISIONS | BY |
|-----------------------------------|------|-----------|----|
| PROJECT NUMBER: 5137 | | | |
| DATE: 10-26-03 | | | |
| DRAWN BY: TC | | | |
| CHECKED BY: J. NELSEN | | | |
| PROJECT MANAGER: J. NELSEN | | | |
| FILE NAME: S:\ENGINEERING\FEMRITE | | | |

SHEET NUMBER
C1.0



| BUILDING SETBACK LINE | LINE BEARING | DISTANCE |
|-----------------------|--------------|----------|
| B-31 | N47°39'36"E | 99.80' |
| B-32 | N66°17'42"E | 74.30' |
| B-33 | N15°46'29"E | 43.33' |
| B-34 | N05°19'31"E | 97.19' |
| B-35 | N08°56'34"E | 93.54' |
| B-36 | N03°57'05"E | 95.49' |
| B-37 | N03°44'41"E | 90.29' |
| B-38 | N47°16'52"E | 103.33' |



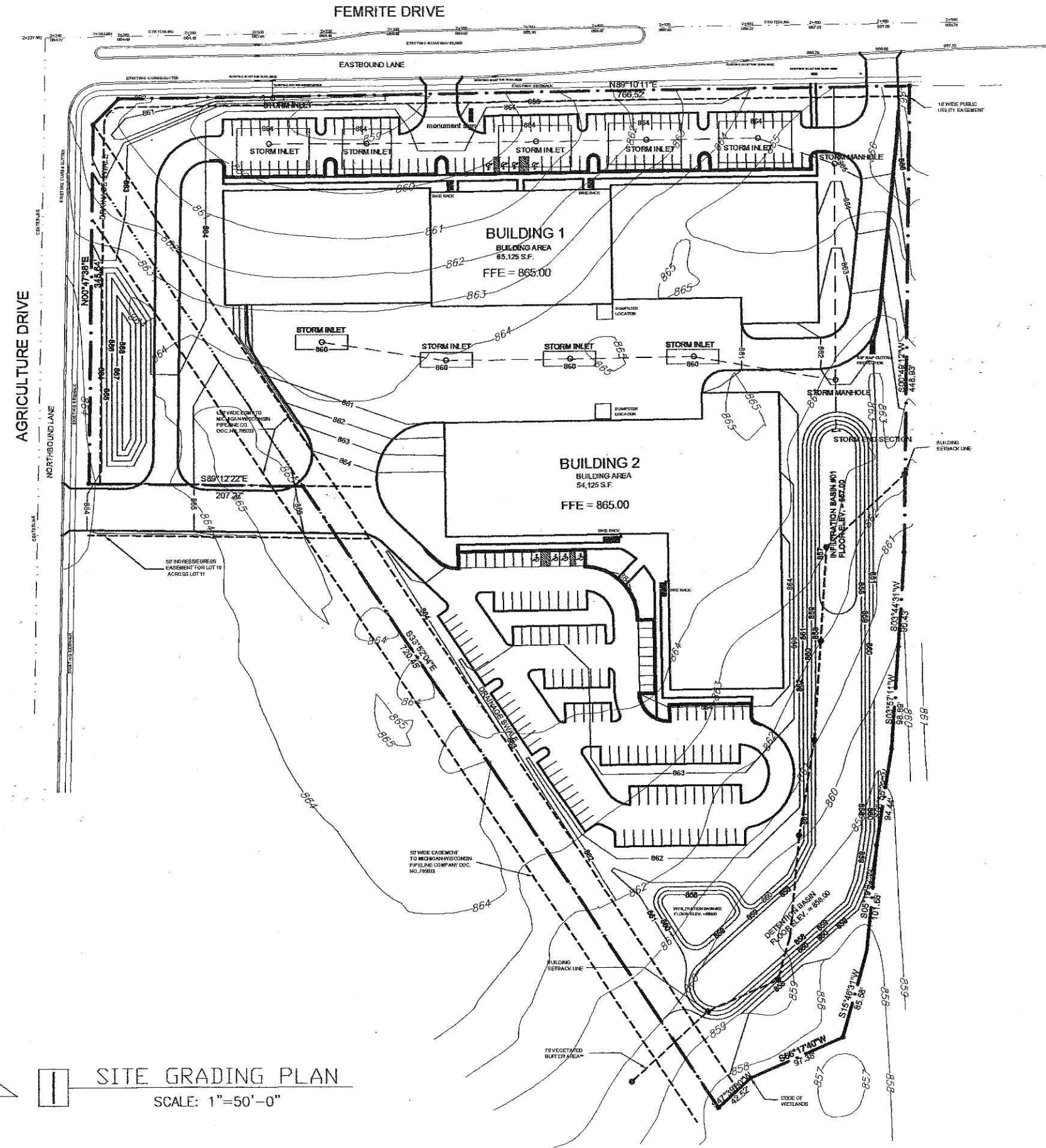
SITE LAYOUT PLAN
 SCALE: 1"=50'-0"

PROJECT NAME:
 LOT 9 (5201) &
 LOT 10 (5301)
 FEMRITE DRIVE
 MADISON, WI

SHEET TITLE:
 SITE LAYOUT PLAN

| NO. | DATE | REVISIONS | BY |
|------------------|-----------------------|-----------|----|
| PROJECT NUMBER: | 5137 | | |
| DATE: | 10-06-05 | | |
| DRAWN BY: | TC | | |
| CHECKED BY: | D. NELSEN | | |
| PROJECT MANAGER: | D. NELSEN | | |
| FILE NAME: | 5-ENGINEERING/FEMRITE | | |

SHEET NUMBER
C2.0



PROJECT NORTH

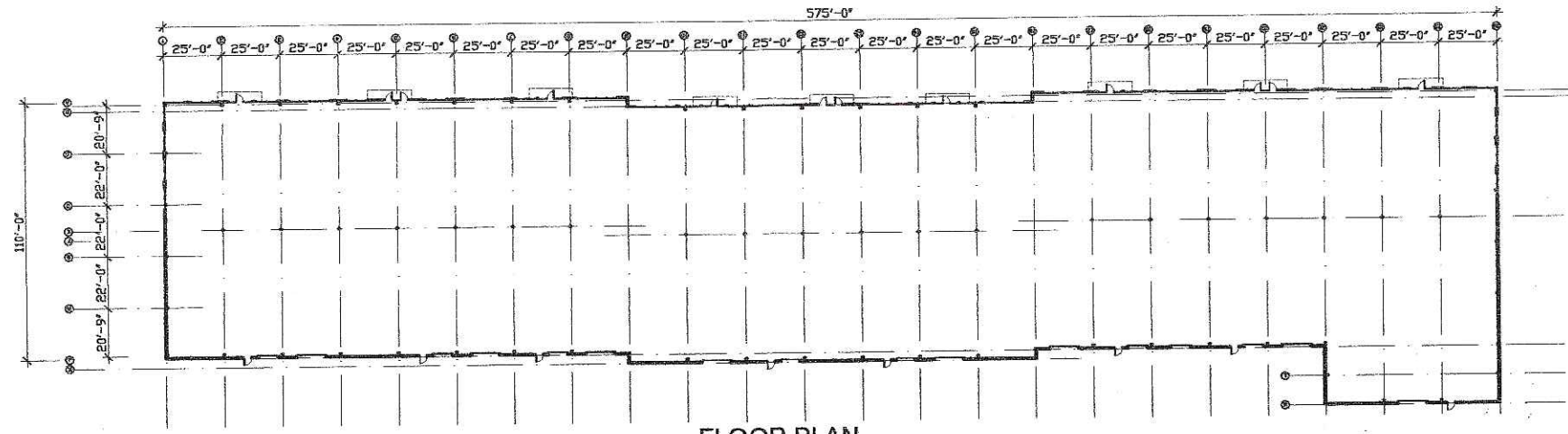
SITE GRADING PLAN
SCALE: 1"=50'-0"

PROJECT NAME:
LOT 9 (5201) &
LOT 10 (5301)
FEMRITE DRIVE
MADISON, WI

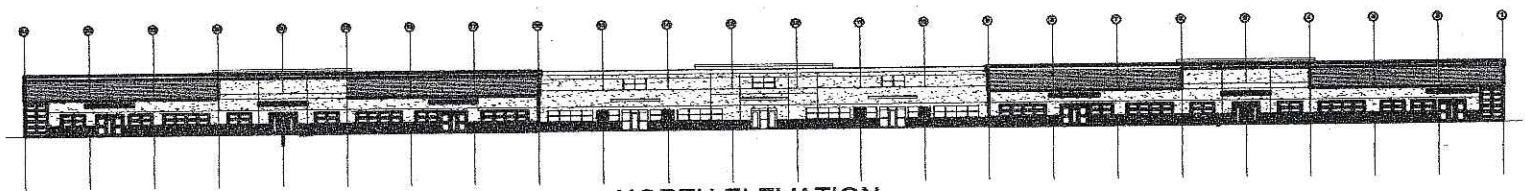
SHEET TITLE:
SITE GRADING PLAN

| NO. | DATE | REVISION | BY |
|----------------------------------|------|----------|----|
| PROJECT NUMBER: 5137 | | | |
| DATE: 10-26-05 | | | |
| DRAWN BY: TC | | | |
| CHECKED BY: B. NELSEN | | | |
| PROJECT MANAGER: B. NELSEN | | | |
| FILE NAME: 3-ENGINEERING\FEMRITE | | | |

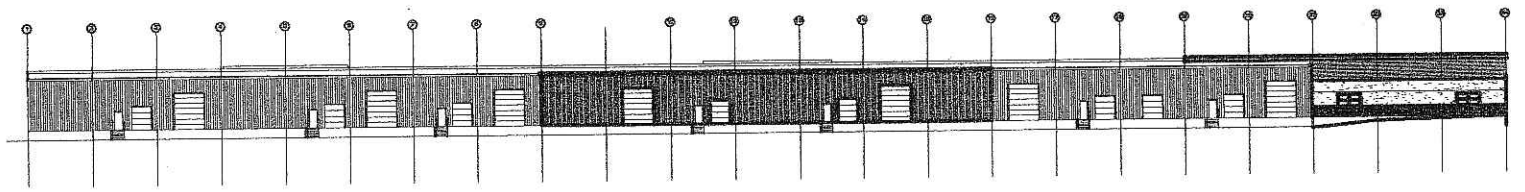
SHEET NUMBER
C3.0



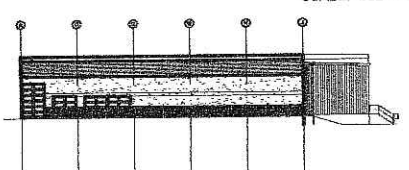
FLOOR PLAN
SCALE: 1/32" = 1'-0"



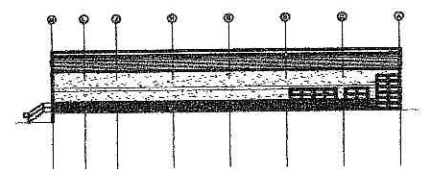
NORTH ELEVATION
SCALE: 1/32" = 1'-0"



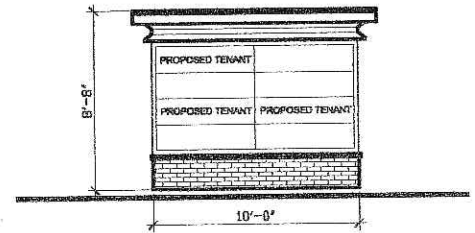
SOUTH ELEVATION
SCALE: 1/32" = 1'-0"



WEST ELEVATION
SCALE: 1/32" = 1'-0"



EAST ELEVATION
SCALE: 1/32" = 1'-0"



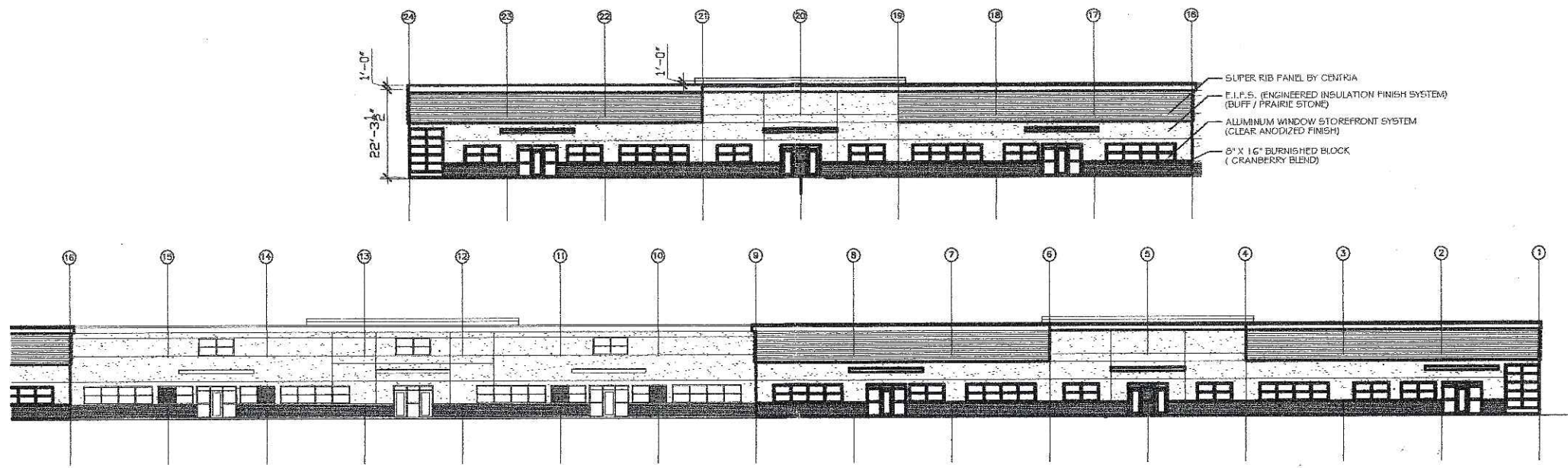
MONUMENT SIGN

PROJECT NAME:
LOT 9 (5201) &
LOT 10 (5301)
FEMRITE DRIVE
MADISON, WI

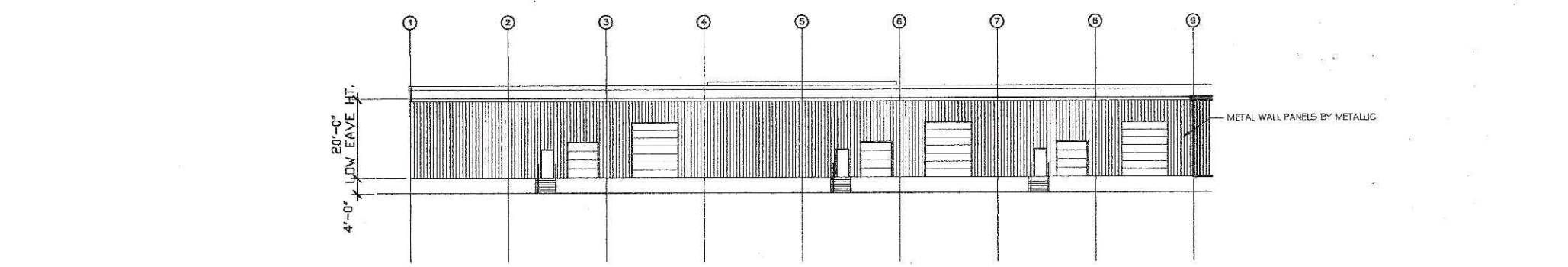
SHEET TITLE:
FLOOR PLAN

| NO. | DATE | REVISIONS | BY |
|------------------|------------------------|-----------|----|
| PROJECT NUMBER: | 9137 | | |
| DATE: | 10-25-05 | | |
| DRAWN BY: | TC | | |
| CHECKED BY: | D. NELSEN | | |
| PROJECT MANAGER: | D. NELSEN | | |
| FILE NAME: | S:\ENGINEERING\FEMRITE | | |

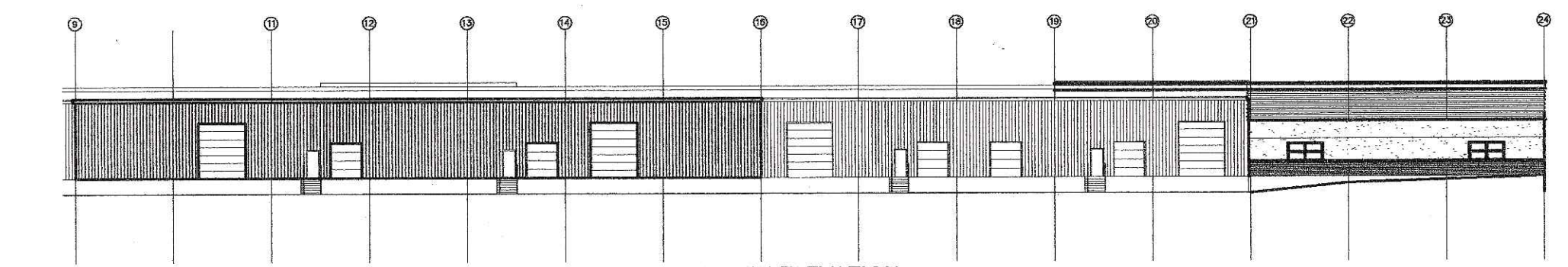
SHEET NUMBER
A1.1



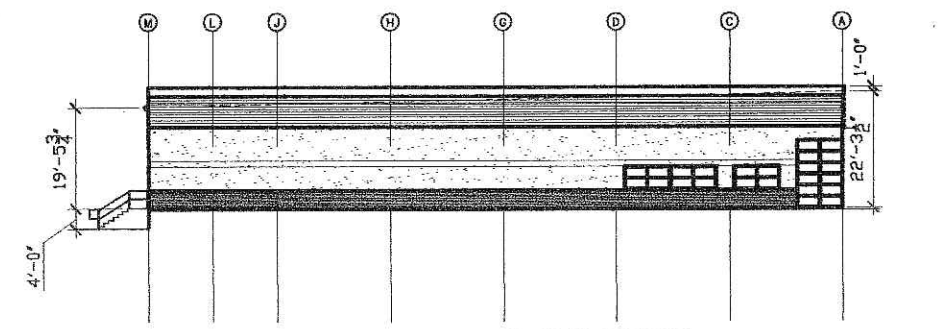
NORTH ELEVATION
SCALE: 1/16" = 1'-0"



SOUTH ELEVATION
SCALE: 1/16" = 1'-0"



WEST ELEVATION
SCALE: 1/16" = 1'-0"



EAST ELEVATION
SCALE: 1/16" = 1'-0"

PROJECT NAME:
LOT 9 (5201) &
LOT 10 (5301)
FEMRITE DRIVE
MADISON, WI

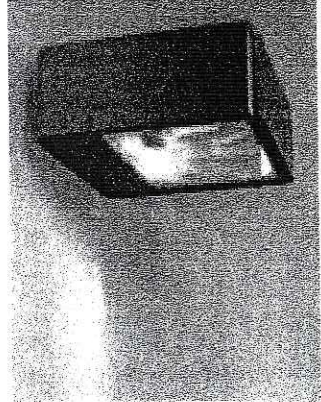
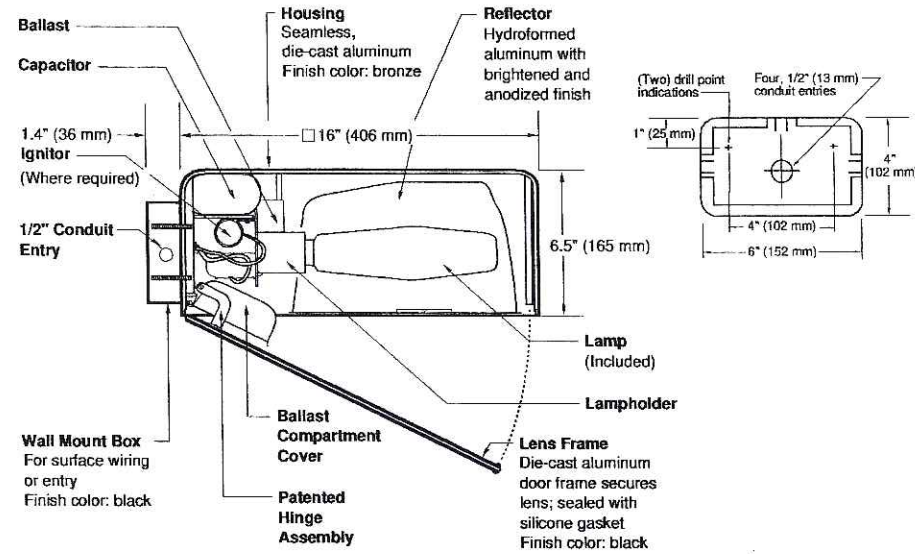
SHEET TITLE:
ENLARGED ELEVATIONS

| NO. | DATE | REVISIONS | BY |
|------------------|-----------------------|-----------|----|
| PROJECT NUMBER: | 5137 | | |
| DATE: | 10-26-05 | | |
| DRAWN BY: | TC | | |
| CHECKED BY: | R. NELSEN | | |
| PROJECT MANAGER: | R. NELSEN | | |
| FILE NAME: | S:ENGINEERING\FEMRITE | | |

WALL MOUNT

16" (406 mm) PARKING/ROADWAY LIGHT

PRW-16 SERIES



Notes

| SPEC # | WATTAGE | CATALOG # |
|-------------------------------------|------------------|---------------|
| PULSE START METAL HALIDE | | |
| <input type="checkbox"/> | SPEC # 200W PSMH | PRW620-(a)(b) |
| <input type="checkbox"/> | SPEC # 250W PSMH | PRW625-(a)(b) |
| <input type="checkbox"/> | SPEC # 320W PSMH | PRW632-(a)(b) |
| <input type="checkbox"/> | SPEC # 350W PSMH | PRW635-(a)(b) |
| <input checked="" type="checkbox"/> | SPEC # 400W PSMH | PRW640-(a)(b) |
| METAL HALIDE | | |
| <input type="checkbox"/> | SPEC # 175W MH | PRW417-(a)(b) |
| <input type="checkbox"/> | SPEC # 250W MH | PRW425-(a)(b) |
| <input type="checkbox"/> | SPEC # 400W MH | PRW440-(a)(b) |
| HIGH PRESSURE SODIUM | | |
| <input type="checkbox"/> | SPEC # 250W HPS | PRW525-(a)(b) |
| <input type="checkbox"/> | SPEC # 400W HPS | PRW540-(a)(b) |

Specify (a) Voltage & (b) Options.

| | (a) VOLTAGE SUFFIX KEY |
|----|---------------------------------------|
| M | 120/208/240/277V (Standard) |
| T | 120/277/347V (Canada Only) (Standard) |
| 1 | 120V |
| 2 | 277V |
| 27 | 277V Reactor (PSMH Only) |
| 3 | 208V |
| 4 | 240V |
| 5 | 480V |
| 6 | 347V (Canada Only) |

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

| | (b) OPTIONS (factory-installed) |
|-------|--|
| -(a)F | Fusing |
| -(a)P | Button Photocell |
| -5P | External Photocell (for 480V) |
| Q | Quartz Standby (includes 100W quartz lamp) (N/A on 277V Reactor) |

Specify (a) Single Voltage — See Voltage Suffix Key

GENERAL DESCRIPTION

Parking lot and roadway luminaire for HID lamp, totally enclosed. Supplied with IES Type III (250W MH is field adjustable to Type II) optical system. Housing is seamless, die-cast aluminum. Fixture mounts to wall with a 4" (102 mm) x 6" (152 mm) x 1.4" (36 mm) cast aluminum mounting box and gasket. Two 5/16" threaded mounting studs are supplied with nuts and sealing washers to attach fixture to mounting box. Also provided are four threaded and closed 1/2" conduit entries. Lens assembly consists of rigid aluminum frame and high-impact, clear-tempered glass.

ELECTRICAL

Fixture includes clear, mogul-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. Lamp ignitor included where required. All ballast assemblies are high-power factor and use the following circuit type:

Reactor (277V PSMH)
200 – 400W PSMH

CWA — Constant Wattage Autotransformer
200 – 400W PSMH; 175 – 400W MH;
250 – 400W HPS

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations and enclosure classified IP65 per IEC 529 and IEC 598.

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

PATENTS

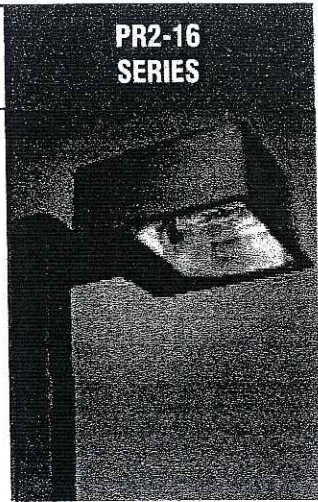
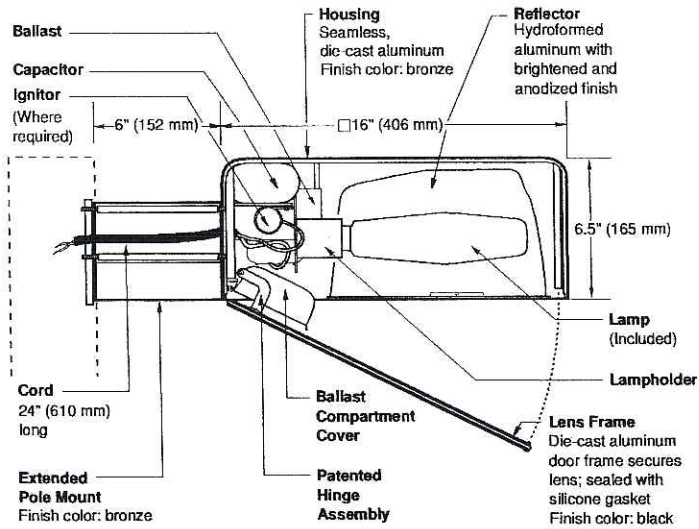
US 4,689,729

ACCESSORIES

FWG-16 Wire Guard
SBL-16 Backlight Shield

6" EXTENDED POLE MOUNT

16" (406 mm) PARKING/ROADWAY LIGHT



Notes

| SPEC # | WATTAGE | CATALOG # |
|-------------------------------------|------------------|---------------|
| PULSE START METAL HALIDE | | |
| <input type="checkbox"/> | SPEC # 200W PSMH | PR2620-(a)(b) |
| <input type="checkbox"/> | SPEC # 250W PSMH | PR2625-(a)(b) |
| <input type="checkbox"/> | SPEC # 320W PSMH | PR2632-(a)(b) |
| <input type="checkbox"/> | SPEC # 350W PSMH | PR2635-(a)(b) |
| <input checked="" type="checkbox"/> | SPEC # 400W PSMH | PR2640-(a)(b) |
| METAL HALIDE | | |
| <input type="checkbox"/> | SPEC # 175W MH | PR2417-(a)(b) |
| <input type="checkbox"/> | SPEC # 250W MH | PR2425-(a)(b) |
| <input type="checkbox"/> | SPEC # 400W MH | PR2440-(a)(b) |
| HIGH PRESSURE SODIUM | | |
| <input type="checkbox"/> | SPEC # 250W HPS | PR2525-(a)(b) |
| <input type="checkbox"/> | SPEC # 400W HPS | PR2540-(a)(b) |

Specify (a) Voltage & (b) Options.

| (a) VOLTAGE SUFFIX KEY | |
|------------------------|---------------------------------------|
| M | 120/208/240/277V (Standard) |
| T | 120/277/347V (Canada Only) (Standard) |
| 1 | 120V |
| 2 | 277V |
| 27 | 277V Reactor (PSMH Only) |
| 3 | 208V |
| 4 | 240V |
| 5 | 480V |
| 6 | 347V (Canada Only) |

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

| (b) OPTIONS (factory-installed) | |
|---------------------------------|--|
| -(a)F | Fusing |
| -(a)P | Button Photocell |
| -5P | External Photocell (for 480V) |
| Q | Quartz Standby (includes 100W quartz lamp) (N/A on 277V Reactor) |

Specify (a) Single Voltage — See Voltage Suffix Key

GENERAL DESCRIPTION

Parking lot and roadway luminaire for HID lamp, totally enclosed. Supplied with IES Type III (250W MH is field adjustable to Type II) optical system. Housing is seamless, die-cast aluminum. Mounting consists of a 1.8" (44 mm) wide by 4.5" (114 mm) high by 6" (152 mm) long extruded aluminum arm. The arm is held in place with two 3/8" (9 mm) mounting rods fastened to a steel backing plate inside the pole, and by two nuts inside the fixture housing. Mounting rods are provided with sealing washers to prevent water leakage. Lens assembly consists of rigid aluminum frame and high-impact, clear-tempered glass.

ELECTRICAL

Fixture includes clear, mogul-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. Lamp ignitor included where required. All ballast assemblies are high-power factor and use the following circuit type:

Reactor (277V PSMH)
200 – 400W PSMH

CWA — Constant Wattage Autotransformer
200 – 400W PSMH; 175 – 400W MH;
250 – 400W HPS

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations and enclosure classified IP65 per IEC 529 and IEC 598.

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

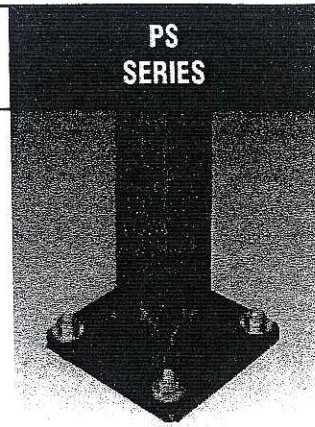
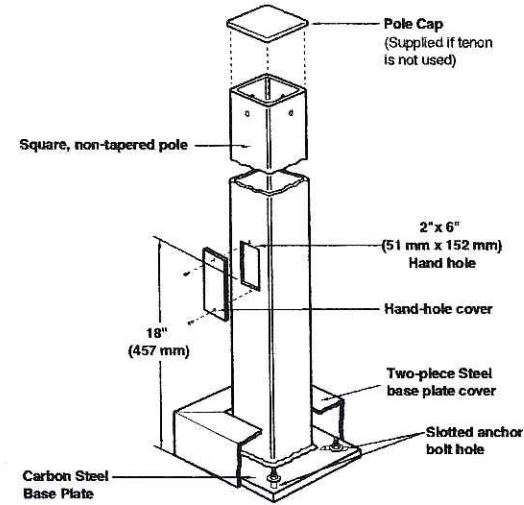
PATENTS

US 4,689,729

ACCESSORIES

FWG-16 Wire Guard
SBL-16 Backlight Shield

STEEL
CROWN-WELD® POLES



Notes

SPEC # CATALOG # POLE SIZE

Square Steel Poles

| SPEC # | CATALOG # | H (ft) x W (in) x Wall (in) | H (m) x W (mm) x Wall (mm) |
|-------------------------------------|--------------|-----------------------------|----------------------------|
| <input type="checkbox"/> | PS3S10C(a)BZ | 10 x 3 x 0.125 | 3.0 x 76 x 3 |
| <input type="checkbox"/> | PS3S15C(a)BZ | 15 x 3 x 0.125 | 4.6 x 76 x 3 |
| <input type="checkbox"/> | PS3S20C(a)BZ | 20 x 3 x 0.125 | 6.1 x 76 x 3 |
| <input type="checkbox"/> | PS4S10C(a)BZ | 10 x 4 x 0.125 | 3.0 x 102 x 3 |
| <input type="checkbox"/> | PS4S12C(a)BZ | 12 x 4 x 0.125 | 3.7 x 102 x 3 |
| <input type="checkbox"/> | PS4S15C(a)BZ | 15 x 4 x 0.125 | 4.6 x 102 x 3 |
| <input type="checkbox"/> | PS4S17C(a)BZ | 17 x 4 x 0.125 | 5.2 x 102 x 3 |
| <input type="checkbox"/> | PS4S20C(a)BZ | 20 x 4 x 0.125 | 6.1 x 102 x 3 |
| <input type="checkbox"/> | PS4S22C(a)BZ | 22 x 4 x 0.125 | 6.7 x 102 x 3 |
| <input checked="" type="checkbox"/> | PS4S25C(a)BZ | 25 x 4 x 0.125 | 7.6 x 102 x 3 |
| <input type="checkbox"/> | PS4S25S(a)BZ | 25 x 4 x 0.188 | 7.6 x 102 x 5 |
| <input type="checkbox"/> | PS4S27C(a)BZ | 27 x 4 x 0.125 | 8.2 x 102 x 3 |
| <input type="checkbox"/> | PS4S30S(a)BZ | 30 x 4 x 0.188 | 9.1 x 102 x 5 |
| <input type="checkbox"/> | PS5S25S(a)BZ | 25 x 5 x 0.188 | 7.6 x 127 x 5 |
| <input type="checkbox"/> | PS5S30S(a)BZ | 30 x 5 x 0.188 | 9.1 x 127 x 5 |
| <input type="checkbox"/> | PS6S30S(a)BZ | 30 x 6 x 0.188 | 9.1 x 152 x 5 |

Specify (a) pole configuration.

(a) POLE CONFIGURATION

| | | | |
|---|------------------------------|---|--------------------------------|
| 1 | Single (direct mount) ✓ | 5 | Triple (direct mount) |
| 2 | Twin @ 180° (direct mount) ✓ | 6 | Quad (direct mount) |
| 3 | Twin @ 90° (direct mount) | T | Tenon (order tenon separately) |

For fixtures with fixed 20° mount, add prefix 2 to configuration numbers: i.e. 21, 22, 23, 25 and 26.

GENERAL DESCRIPTION

Non-tapered steel poles are supplied with welded base with cover, four galvanized anchor bolts, masonite mounting template and a pole cap (except tenon mount). Each bolt is provided with two washers and two nuts. Steel pole base has slotted holes. Per National Electrical Code requirements, pole is standard with a 2" x 6" (51 x 152 mm) hand hole, located 18" (457 mm) above bottom of pole base. A #10-32 stainless-steel weld stud with grounding lug is located inside pole, opposite hand hole; a hand hole cover is supplied but shipped separately. For EPA ratings, see "Windloading" sheet.

PATENT

US 5,820,255; 6,640,517

MATERIALS

Square, non-tapered pole of structural steel tubing (ASTM A 500); with a minimum yield strength of 46,000 p.s.i. Welded to a formed carbon steel base plate with a minimum yield strength of 36,000 p.s.i.

FINISH

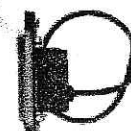
Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

LABELS

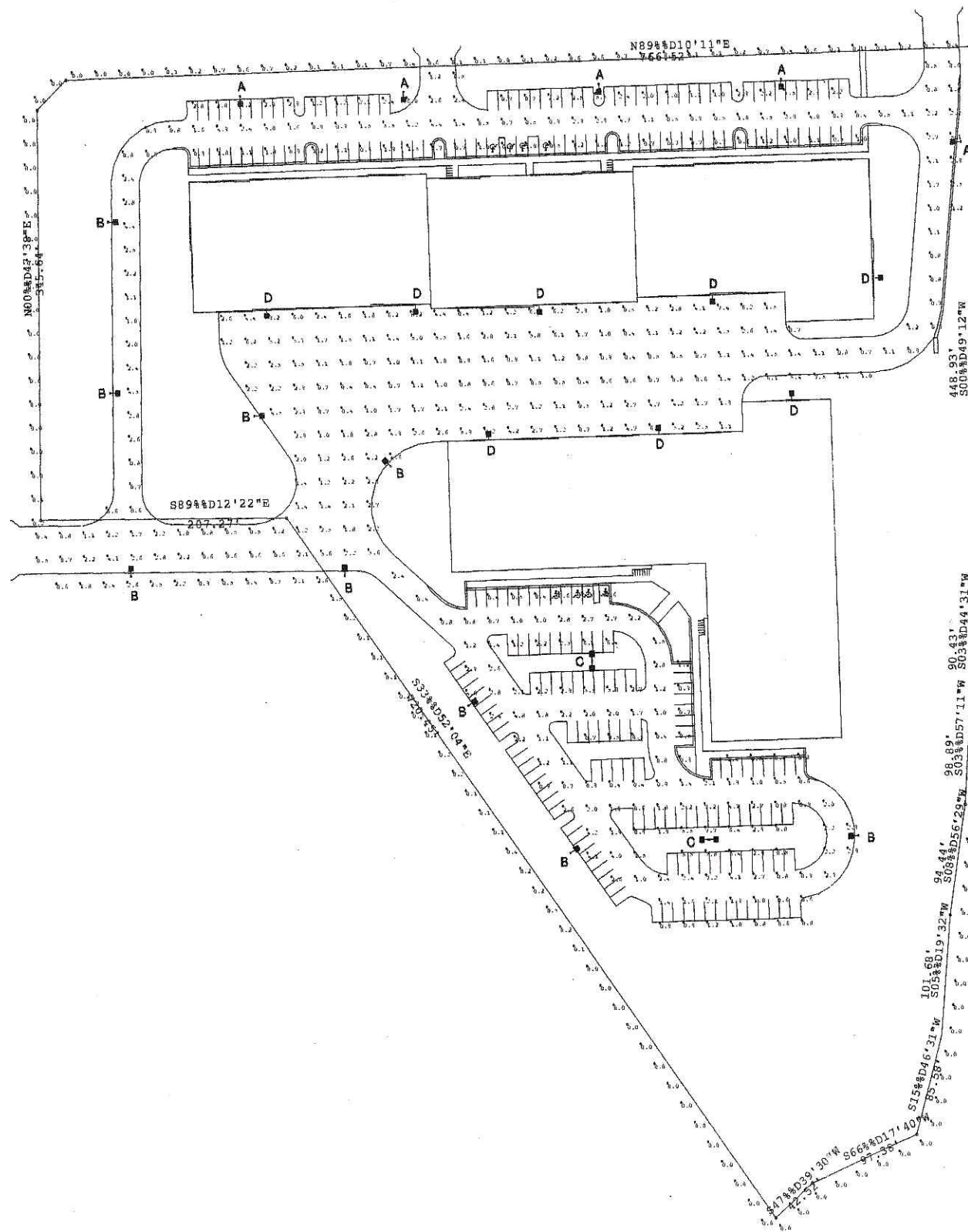
Ruud Lighting square poles meet or exceed National Electrical Code Requirements. In the US, Ruud square poles are classified by Underwriters Laboratories Inc. for electrical ground bonding; in Canada, they are CSA certified for electrical ground bonding and structural strength.

ACCESSORY

Catalog # REC-GFIBZ (120V)
Wet Listed In-use cover



GFI Outlet Accessory



| RUUD LIGHTING SCHEDULE | | | | |
|------------------------|-----|--------------|----------------|---|
| TYPE | QTY | CONSISTS OF: | | DESCRIPTION |
| | | QTY | CATALOG NUMBER | |
| A | 5 | 5 | PR2640-M | PARKING / ROADWAY, 400W PSMH |
| | | 5 | PS4S25C1BZ | POLE - 25' X 4" SQ. STEEL X .125" WALL - SINGLE |
| | | 5 | SBL-16 | BACKLIGHT SHIELD |
| B | 9 | 9 | PR2640-M | PARKING / ROADWAY, 400W PSMH |
| | | 9 | PS4S25C1BZ | POLE - 25' X 4" SQ. STEEL X .125" WALL - SINGLE |
| C | 2 | 4 | PR2640-M | PARKING / ROADWAY, 400W PSMH |
| | | 2 | PS4S25C2BZ | POLE - 25' X 4" SQ. STEEL X .125" WALL - DOUBLE |
| D | 8 | 8 | PRW640-M | PARKING / ROADWAY, 400W PSMH |
| | | | | |

A, B, & C FIXTURES MOUNTING HEIGHT: 27'/AFG
A, B, & C FIXTURES TILT ANGLE: 0 DEGREES

D FIXTURES MOUNTING HEIGHT: 21'/AFG
D FIXTURES TILT ANGLE: 0 DEGREES

PROPOSED POLES MEET 100 MPH SUSTAINED WINDS.

| Luminaire Schedule | | | | | | |
|--------------------|-----|-------|-------------|--------|-------|----------------------------|
| Symbol | Qty | Label | Arrangement | Lumens | LLF | Description |
| A | 5 | A | SINGLE | 40000 | 0.800 | PR2640-M (400W PSMH W/BLS) |
| B | 9 | B | SINGLE | 40000 | 0.800 | PR2640-M (400W PSMH N/BLS) |
| C | 2 | C | BACK-BACK | 40000 | 0.800 | PR2640-M (400W PSMH N/BLS) |
| D | 8 | D | SINGLE | 40000 | 0.800 | PRW640-M (400W PSMH N/BLS) |

| Numeric Summary | | | | | |
|-----------------|------|-----|-----|---------|---------|
| Label | Avg | Max | Min | Avg/Min | Max/Min |
| GRADE | 2.19 | 9.2 | 0.4 | 5.46 | 23.00 |
| PROPERTY LINE | 0.27 | 3.6 | 0.0 | 0.00 | 0.00 |

RUUD LIGHTING
800.236.7000 USA <www.ruudlighting.com> 905.671.1991 CAN

Date: 11/30/2005 Scale: 1"=80' Layout by: DAN WALTER
Project Name: #90366 - FEMRITE PROJECT
Filename: 51025RD1DCWR1.a32
FOOTCANDLES CALCULATED AT GRADE USING MEAN LUMENS

Illumination results shown on this lighting design are based on project parameters provided to Ruud Lighting used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying compliance with any applicable electrical, lighting, or energy code.