

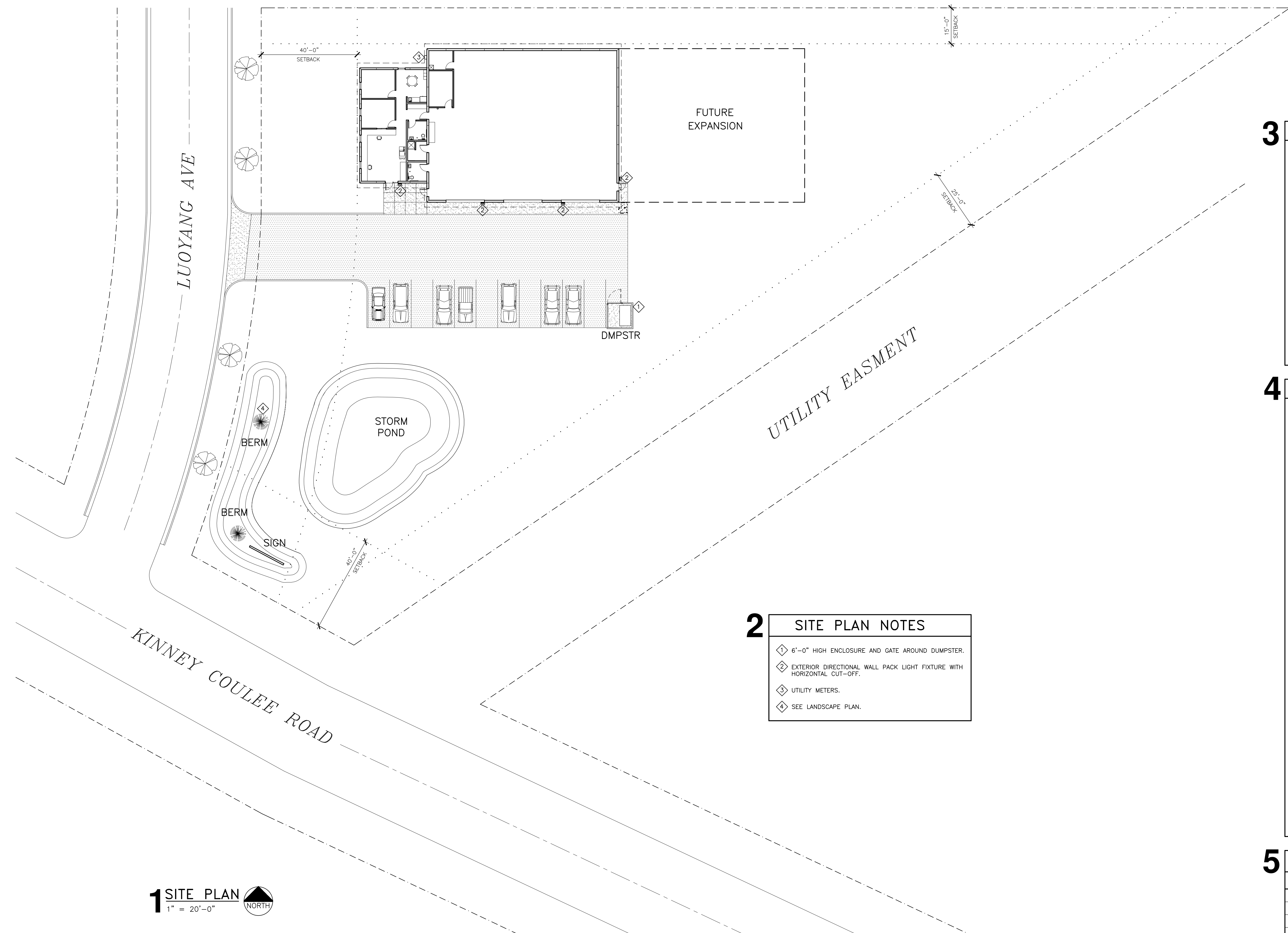
# DeBoer Pest Control

## La Crosse International Business Park

### La Crosse, Wisconsin

CONSTRUCTION  
EXPRESS INC  
411 LA CROSSE STREET  
LA CROSSE, WI 54601  
(608) 784-9290

DeBoer Pest Control  
La Crosse International Business Park  
La Crosse, Wisconsin



### 3 STRUCTURAL NOTES

- DESIGN CODES - ( ALL LATEST EDITIONS )
  - AMERICAN CONCRETE INSTITUTE ( ACI )
  - CONCRETE REINFORCING STEEL INSTITUTE ( CRSI )
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION ( AISC )
  - NATIONAL CONCRETE MASONRY ASSOCIATION ( NCMA )
  - 2009 INTERNATIONAL EXISTING BUILDING CODE
- DESIGN LIVE LOADS
  - ROOF = 20.0 PSF + APPLICABLE DRIFT LOADS
  - WIND = 17.3 PSF @ ROOF & 17.3 PSF @ WALLS
  - FLOOR = 100 PSF
- SOIL
  - 2000 PSF - (2-3-16 BRAUN REPORT)
  - 2000 PSF SAFE BEARING USED FOR DESIGN
  - FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED ENGINEERED FILL. ENGINEERED FILL SHALL BE A WELL GRADED GRANULAR MATERIAL, COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- CAST-IN-PLACE CONCRETE
  - ARRANGEMENTS, BENDING, DETAILING AND SUPPORT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI AND CRSI STANDARDS.
  - WHERE REINFORCING BARS ARE SHOWN CONTINUOUS LAP BARS #4-20", #5-26", #6-33"
  - REINFORCEMENT STEEL BARS - ASTM A615 GRADE 60 ( 60 KSI )
  - MAXIMUM SIZE OF AGGREGATE IS 1 1/2"
  - MAXIMUM SLUMP IS 3"

COMPONENT	CONC STRENGTH @ 28 DAYS
- BLOCK/MASONRY FILL	2500 PSI
- FOOTINGS & FOUNDATION WALLS	3500 PSI
- INTERIOR & EXTERIOR SLABS	4000 PSI

### 4 CODE INFORMATION

2009 WISCONSIN ENROLLED COMMERCIAL BUILDING CODE

USE & OCCUPANCY CLASSIFICATION:  
PRIMARY USE:  
304.1 BUSINESS GROUP B - OFFICE OCCUPANCY  
MINOR USE:  
311.3 LOW-HAZARD STORAGE GROUP S-2 - PARKING GARAGE

BUILDING HEIGHTS & AREAS: (TABLE 503)  
GROUP B  
MAXIMUM HEIGHT = 2 STORES  
MAXIMUM AREA/FLOOR = 5,000 SF  
GROUP S-2  
MAXIMUM HEIGHT = 2 STORES  
MAXIMUM AREA/FLOOR = 13,500 SF

TYPE OF CONSTRUCTION: (TABLE 503)  
V-B

FIRE PROTECTION SYSTEMS: (CHAPTER 9)  
903.2.10 GROUP S-2  
A NFPA 13 AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED IF S-2 FIRE AREA IS LESS THAN 12,000 SF.

FIRE RESISTIVE RATINGS: (TABLE 601)  
STRUCTURE-FRAME-COLUMNS, GIRDERS, TRUSSES 0-NR HR RATING  
EXTERIOR BEARING WALLS - >30 FT (TABLE 602) 0-NR HR RATING  
INTERIOR BEARING WALLS 0-NR HR RATING  
FLOOR BEAMS & JOISTS 0-NR HR RATING  
ROOF BEAMS & JOISTS 0-NR HR RATING  
INTERIOR PARTITIONS 0-NR HR RATING  
REQ'D EXIT CORRIDORS (1022.6) 1-HR  
VERTICAL SHAFTS/STAIRWAYS (708.4) 1-HR  
EXTERIOR WALLS 10'-0"X30' FT (TABLE 602) 0-NR HR RATING  
DOOR ASSEMBLIES (SEE TABLE 715.4)

EXIT DISTANCE: (TABLE 1016.1)  
MAXIMUM = 200 FT (WITHOUT AUTOMATIC SPRINKLER SYSTEM)

OCCUPANT LOAD: (TABLE 1004.1.1)  
NEW BUILDING AREA = 6,464 SF  
BUSINESS AREA = 1,344 SF / 100 SF/OCC = 14 OCCUPANTS  
STORAGE/WAREHOUSE AREA = 5,120 SF / 500 SF/OCC = 11 OCCUPANTS  
TOTAL NUMBER OF OCCUPANTS = 25 (13 OF EA SEX)  
ACTUAL # OF MAX EMPLOYEES & CUSTOMERS / SHIFT = 24 MAX (12 OF EA SEX)

MEANS OF EGRESS: (1015.1)  
REQUIRED EGRESS WIDTH = 25 PERSONS x .27/OCC = 5 INCHES  
3 EA 36 IN EXIT DOORS PROVIDED = 108 INCHES OF EGRESS WIDTH

SANITARY FACILITIES: (TABLE 2902.1)  
REQUIRED FACILITIES = 1 PER 100 PERSONS - WAREHOUSE  
= 1 PER 25 PERSONS - BUSINESS  
NEW AND SEPARATE FACILITIES TO BE PROVIDED:  
MEN - 1 TOILET  
WOMEN - 1 TOILET

### 2 SITE PLAN NOTES

- ① 6'-0" HIGH ENCLOSURE AND GATE AROUND DUMPSTER.
- ② EXTERIOR DIRECTIONAL WALL PACK LIGHT FIXTURE WITH HORIZONTAL CUT-OFF.
- ③ UTILITY METERS.
- ④ SEE LANDSCAPE PLAN.

1 SITE PLAN  
1" = 20'-0" NORTH

### 5 DRAWING INDEX

NO	DESCRIPTION
A1	SITE PLAN, CODE & STRUCT INFO
A2	FLOOR PLAN
A3	BLDG ELEVATIONS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL UNDER THE LAWS OF THE STATE OF WISCONSIN.

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_  
NUMBER: \_\_\_\_\_

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JOB # 16001  
FEB 19, 2016  
REVISIONS

PLOT 1"=20'-0"

SITE PLAN  
STRUCTURAL INFO  
CODE INFO

A1