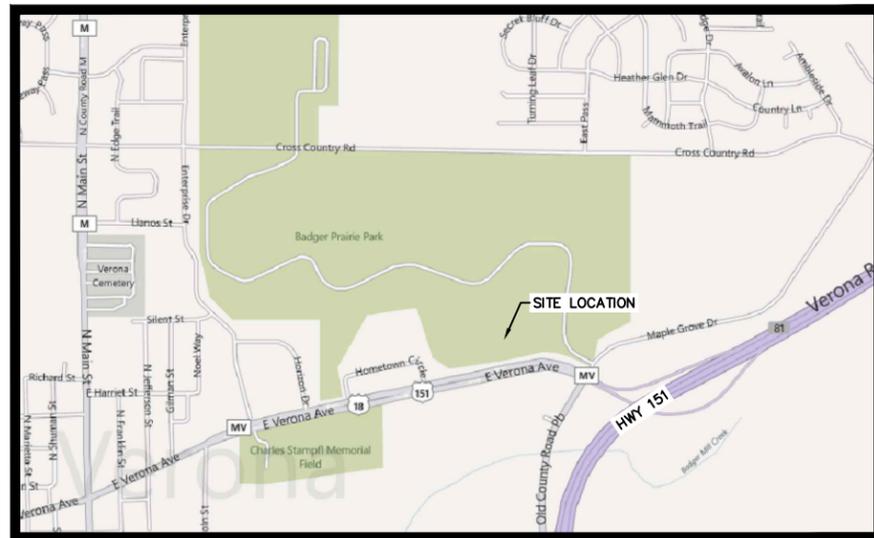




SITE LOCATION



PROJECT LOCATION

SCALE: NTS

DRIVEWAY CHANGES & PAVING CONSOLIDATED FOOD SERVICES - BADGER PRAIRIE HEALTH CARE CENTER CAMPUS BID NO. 316010

**1000 E. VERONA AVE.
VERONA, WISCONSIN**

PROJECT CONTACTS:

CIVIL ENGINEER:
PROFESSIONAL ENGINEERING, LLC
CONTACT: ROXANNE JOHNSON, PE
818 N MEADOWBROOK LANE
WAUNAKEE, WI 53597
(608) 849-9378

OWNER CONTACT:
DANE COUNTY DEPT. OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION
CONTACT: SCOTT CARLSON, P.E., CEM
PUBLIC WORKS ENGINEERING DIVISION
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713
DIRECT: (608) 266-4179

LIST OF DRAWINGS

SHEET NO.	TITLE
T100	TITLE SHEET
C100	DEMOLITION PLAN
C200	SITE PLAN - BASE BID
C201	SITE PLAN - ALTERNATE BID 1
C202	SITE PLAN - ALTERNATE BID 2
C300	EROSION CONTROL PLAN
C400	SITE DETAILS



Call 811 3 Work Days Before You Dig
or Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

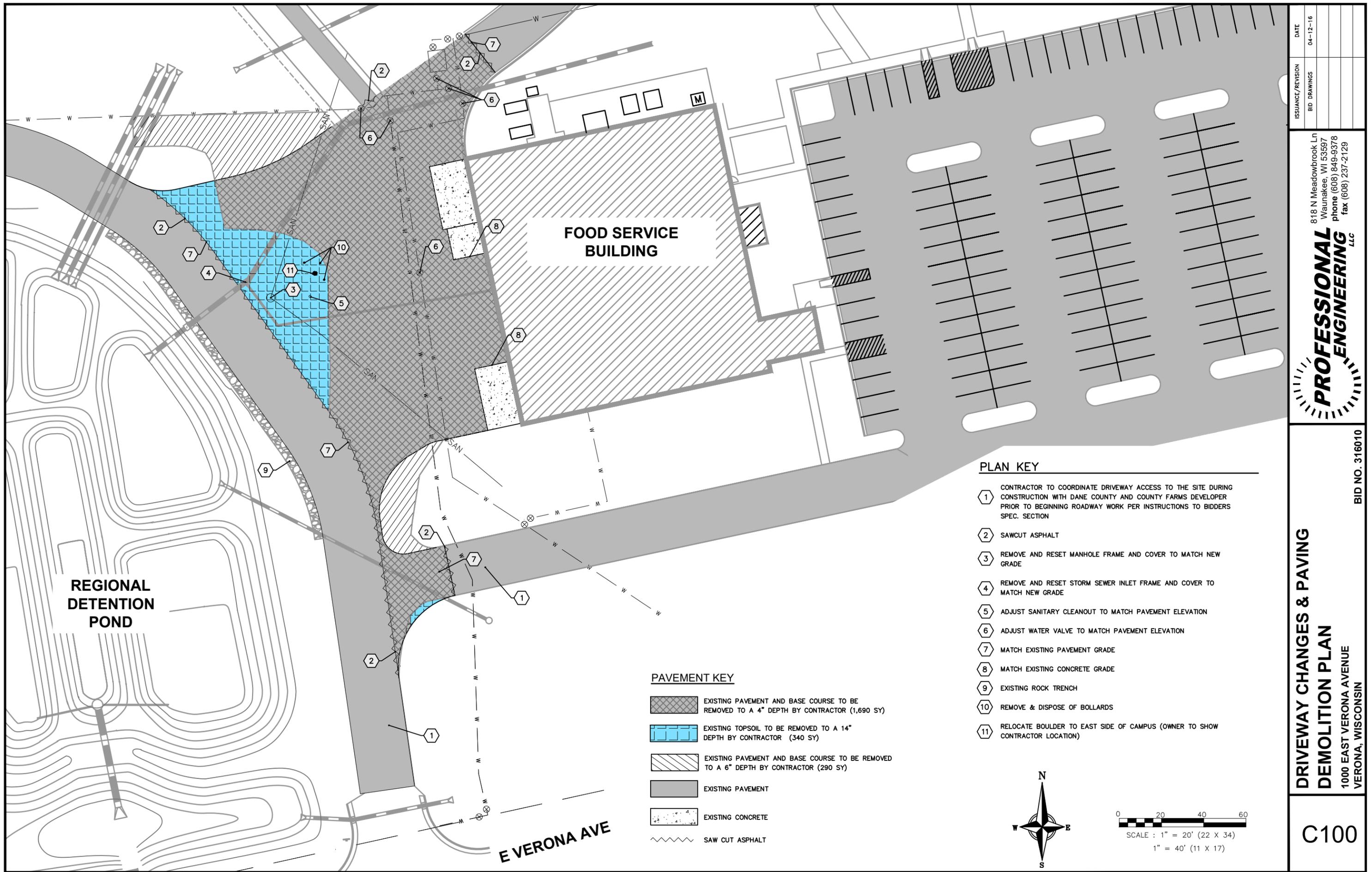
ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129



**DRIVEWAY CHANGES & PAVING
TITLE SHEET**
1000 EAST VERONA AVENUE
VERONA, WISCONSIN

T100



FOOD SERVICE BUILDING

REGIONAL DETENTION POND

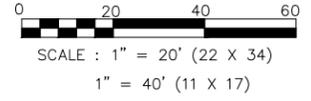
E VERONA AVE

PAVEMENT KEY

-  EXISTING PAVEMENT AND BASE COURSE TO BE REMOVED TO A 4" DEPTH BY CONTRACTOR (1,690 SY)
-  EXISTING TOPSOIL TO BE REMOVED TO A 14" DEPTH BY CONTRACTOR (340 SY)
-  EXISTING PAVEMENT AND BASE COURSE TO BE REMOVED TO A 6" DEPTH BY CONTRACTOR (290 SY)
-  EXISTING PAVEMENT
-  EXISTING CONCRETE
-  SAW CUT ASPHALT

PLAN KEY

-  CONTRACTOR TO COORDINATE DRIVEWAY ACCESS TO THE SITE DURING CONSTRUCTION WITH DANE COUNTY AND COUNTY FARMS DEVELOPER PRIOR TO BEGINNING ROADWAY WORK PER INSTRUCTIONS TO BIDDERS SPEC. SECTION
-  SAWCUT ASPHALT
-  REMOVE AND RESET MANHOLE FRAME AND COVER TO MATCH NEW GRADE
-  REMOVE AND RESET STORM SEWER INLET FRAME AND COVER TO MATCH NEW GRADE
-  ADJUST SANITARY CLEANOUT TO MATCH PAVEMENT ELEVATION
-  ADJUST WATER VALVE TO MATCH PAVEMENT ELEVATION
-  MATCH EXISTING PAVEMENT GRADE
-  MATCH EXISTING CONCRETE GRADE
-  EXISTING ROCK TRENCH
-  REMOVE & DISPOSE OF BOLLARDS
-  RELOCATE BOULDER TO EAST SIDE OF CAMPUS (OWNER TO SHOW CONTRACTOR LOCATION)



ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

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 fax (608) 237-2129

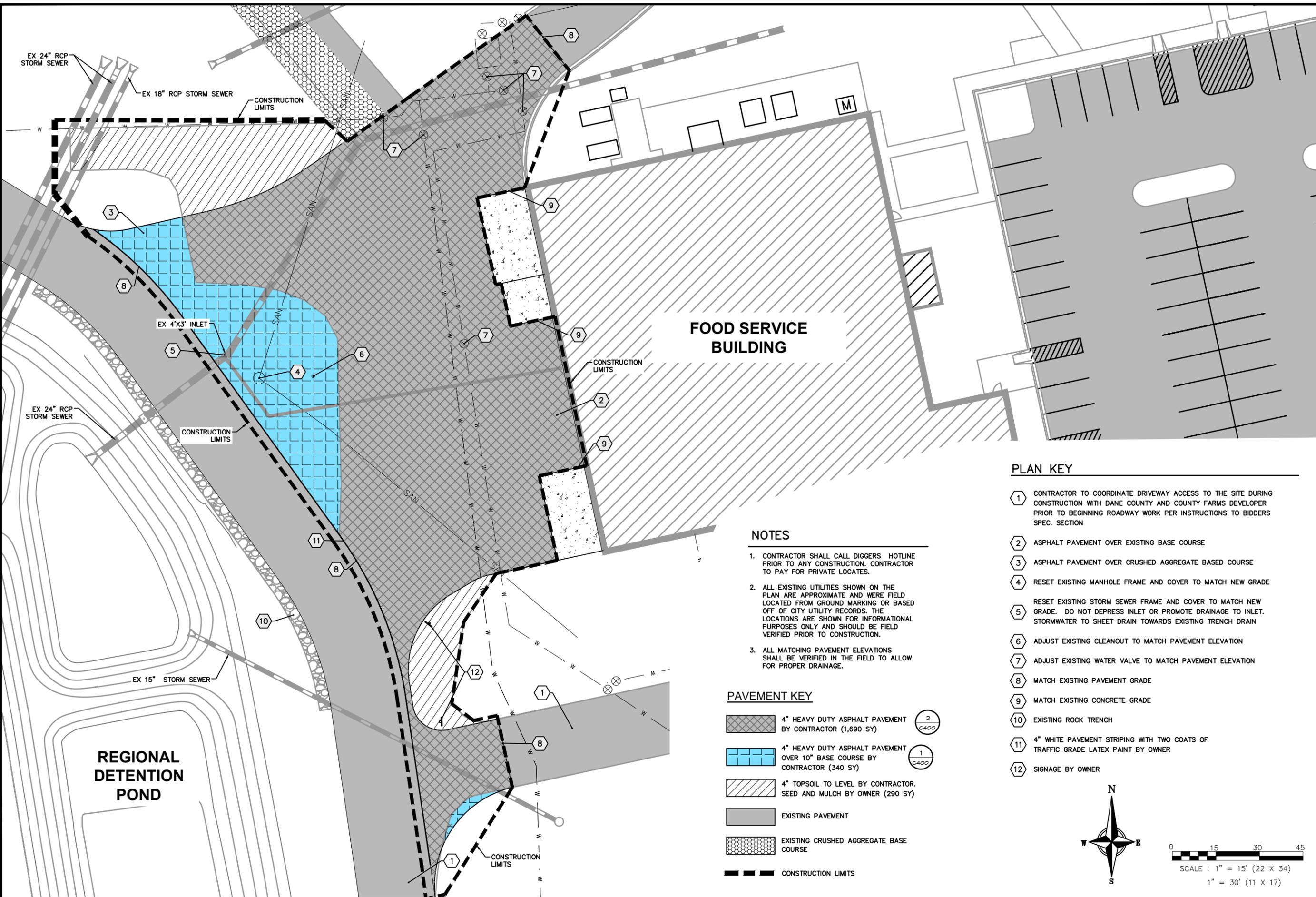
PROFESSIONAL ENGINEERING LLC

DRIVEWAY CHANGES & PAVING DEMOLITION PLAN

1000 EAST VERONA AVENUE
 VERONA, WISCONSIN

BID NO. 316010

C100



ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**DRIVEWAY CHANGES & PAVING
 SITE PLAN - BASE BID**

1000 EAST VERONA AVENUE
 VERONA, WISCONSIN

BID NO. 316010

C200

NOTES

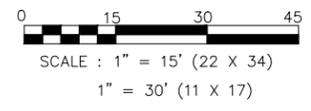
- CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO PAY FOR PRIVATE LOCATES.
- ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- ALL MATCHING PAVEMENT ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.

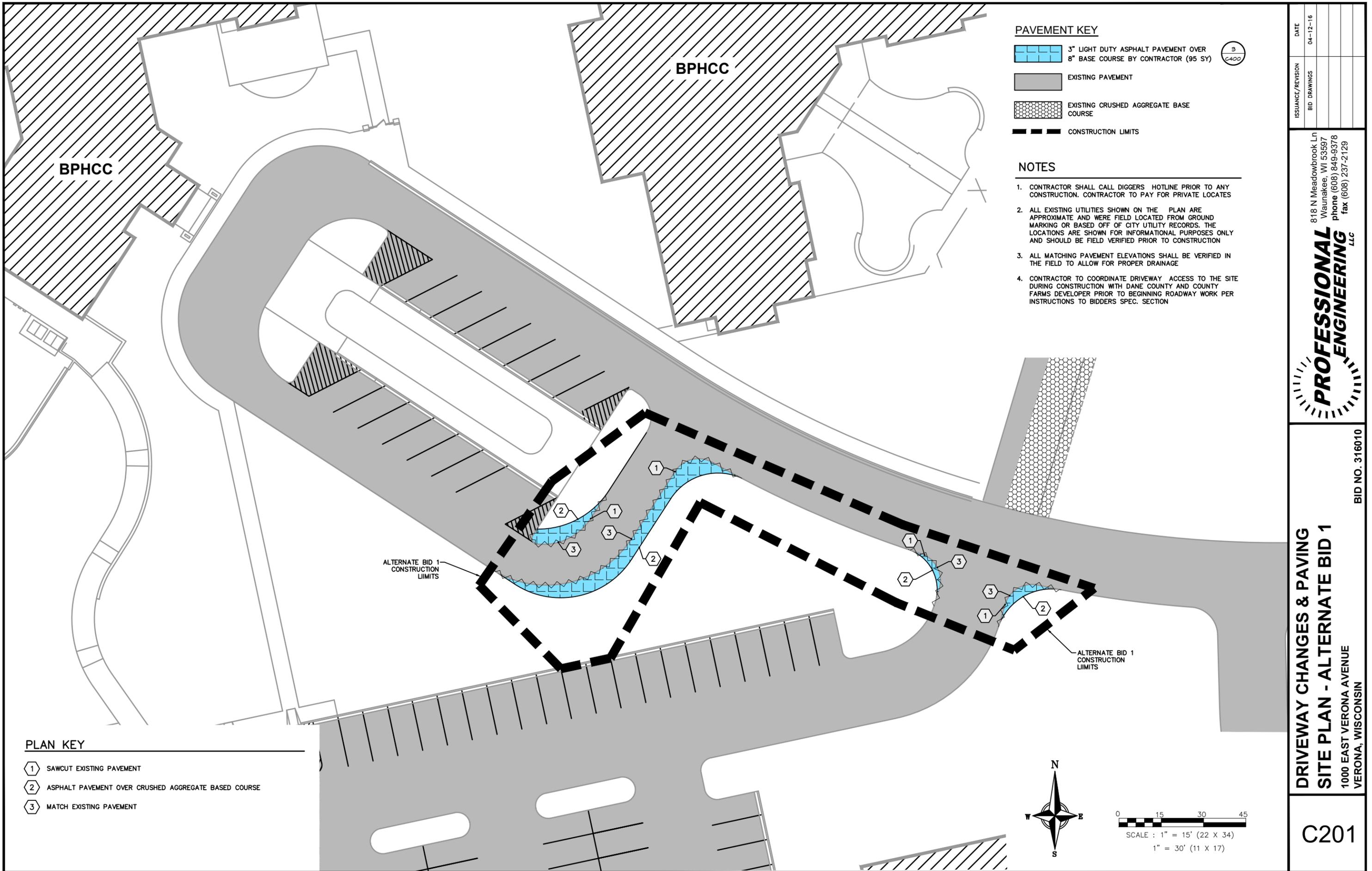
PAVEMENT KEY

- 4" HEAVY DUTY ASPHALT PAVEMENT BY CONTRACTOR (1,690 SY) 2
C400
- 4" HEAVY DUTY ASPHALT PAVEMENT OVER 10" BASE COURSE BY CONTRACTOR (340 SY) 1
C400
- 4" TOPSOIL TO LEVEL BY CONTRACTOR. SEED AND MULCH BY OWNER (290 SY)
- EXISTING PAVEMENT
- EXISTING CRUSHED AGGREGATE BASE COURSE
- CONSTRUCTION LIMITS

PLAN KEY

- 1 CONTRACTOR TO COORDINATE DRIVEWAY ACCESS TO THE SITE DURING CONSTRUCTION WITH DANE COUNTY AND COUNTY FARMS DEVELOPER PRIOR TO BEGINNING ROADWAY WORK PER INSTRUCTIONS TO BIDDERS SPEC. SECTION
- 2 ASPHALT PAVEMENT OVER EXISTING BASE COURSE
- 3 ASPHALT PAVEMENT OVER CRUSHED AGGREGATE BASED COURSE
- 4 RESET EXISTING MANHOLE FRAME AND COVER TO MATCH NEW GRADE
- 5 RESET EXISTING STORM SEWER FRAME AND COVER TO MATCH NEW GRADE. DO NOT DEPRESS INLET OR PROMOTE DRAINAGE TO INLET. STORMWATER TO SHEET DRAIN TOWARDS EXISTING TRENCH DRAIN
- 6 ADJUST EXISTING CLEANOUT TO MATCH PAVEMENT ELEVATION
- 7 ADJUST EXISTING WATER VALVE TO MATCH PAVEMENT ELEVATION
- 8 MATCH EXISTING PAVEMENT GRADE
- 9 MATCH EXISTING CONCRETE GRADE
- 10 EXISTING ROCK TRENCH
- 11 4" WHITE PAVEMENT STRIPING WITH TWO COATS OF TRAFFIC GRADE LATEX PAINT BY OWNER
- 12 SIGNAGE BY OWNER





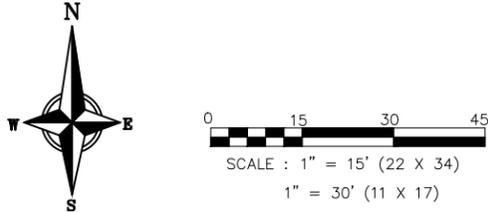
PAVEMENT KEY

	3" LIGHT DUTY ASPHALT PAVEMENT OVER 8" BASE COURSE BY CONTRACTOR (95 SY)	
	EXISTING PAVEMENT	
	EXISTING CRUSHED AGGREGATE BASE COURSE	
	CONSTRUCTION LIMITS	

- NOTES**
1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO PAY FOR PRIVATE LOCATES
 2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION
 3. ALL MATCHING PAVEMENT ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE
 4. CONTRACTOR TO COORDINATE DRIVEWAY ACCESS TO THE SITE DURING CONSTRUCTION WITH DANE COUNTY AND COUNTY FARMS DEVELOPER PRIOR TO BEGINNING ROADWAY WORK PER INSTRUCTIONS TO BIDDERS SPEC. SECTION

PLAN KEY

	SAWCUT EXISTING PAVEMENT
	ASPHALT PAVEMENT OVER CRUSHED AGGREGATE BASED COURSE
	MATCH EXISTING PAVEMENT



ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

**DRIVEWAY CHANGES & PAVING
 SITE PLAN - ALTERNATE BID 1**

1000 EAST VERONA AVENUE
 VERONA, WISCONSIN

BID NO. 316010

C201

PLAN KEY

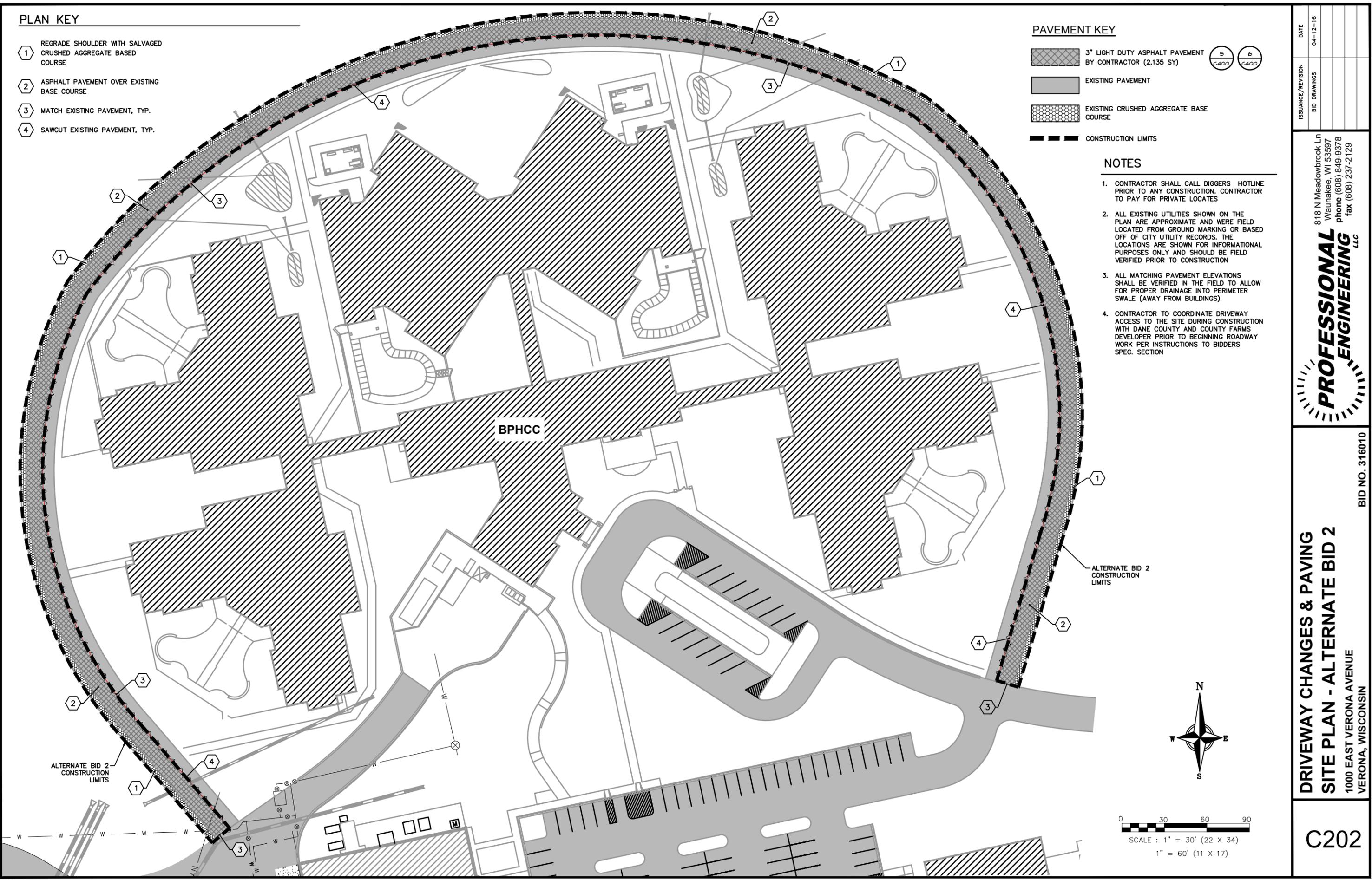
- 1 REGRADE SHOULDER WITH SALVAGED CRUSHED AGGREGATE BASED COURSE
- 2 ASPHALT PAVEMENT OVER EXISTING BASE COURSE
- 3 MATCH EXISTING PAVEMENT, TYP.
- 4 SAWCUT EXISTING PAVEMENT, TYP.

PAVEMENT KEY

- 3" LIGHT DUTY ASPHALT PAVEMENT BY CONTRACTOR (2,135 SY)
- EXISTING PAVEMENT
- EXISTING CRUSHED AGGREGATE BASE COURSE
- CONSTRUCTION LIMITS

NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO PAY FOR PRIVATE LOCATES
2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION
3. ALL MATCHING PAVEMENT ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE INTO PERIMETER SWALE (AWAY FROM BUILDINGS)
4. CONTRACTOR TO COORDINATE DRIVEWAY ACCESS TO THE SITE DURING CONSTRUCTION WITH DANE COUNTY AND COUNTY FARMS DEVELOPER PRIOR TO BEGINNING ROADWAY WORK PER INSTRUCTIONS TO BIDDERS SPEC. SECTION



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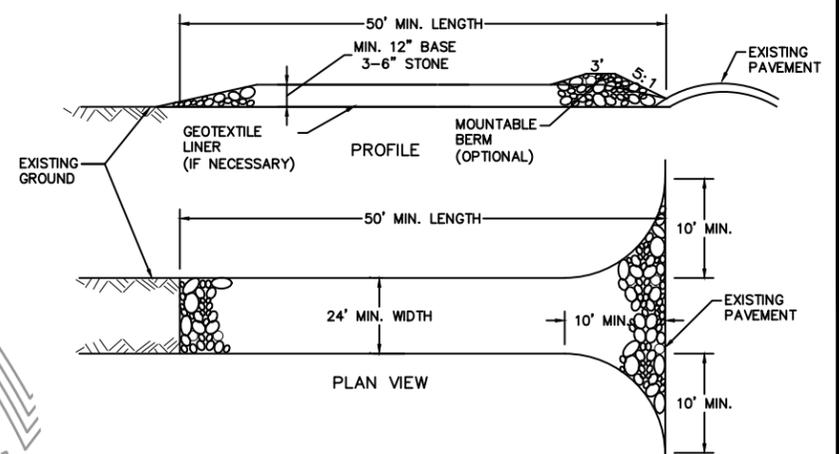
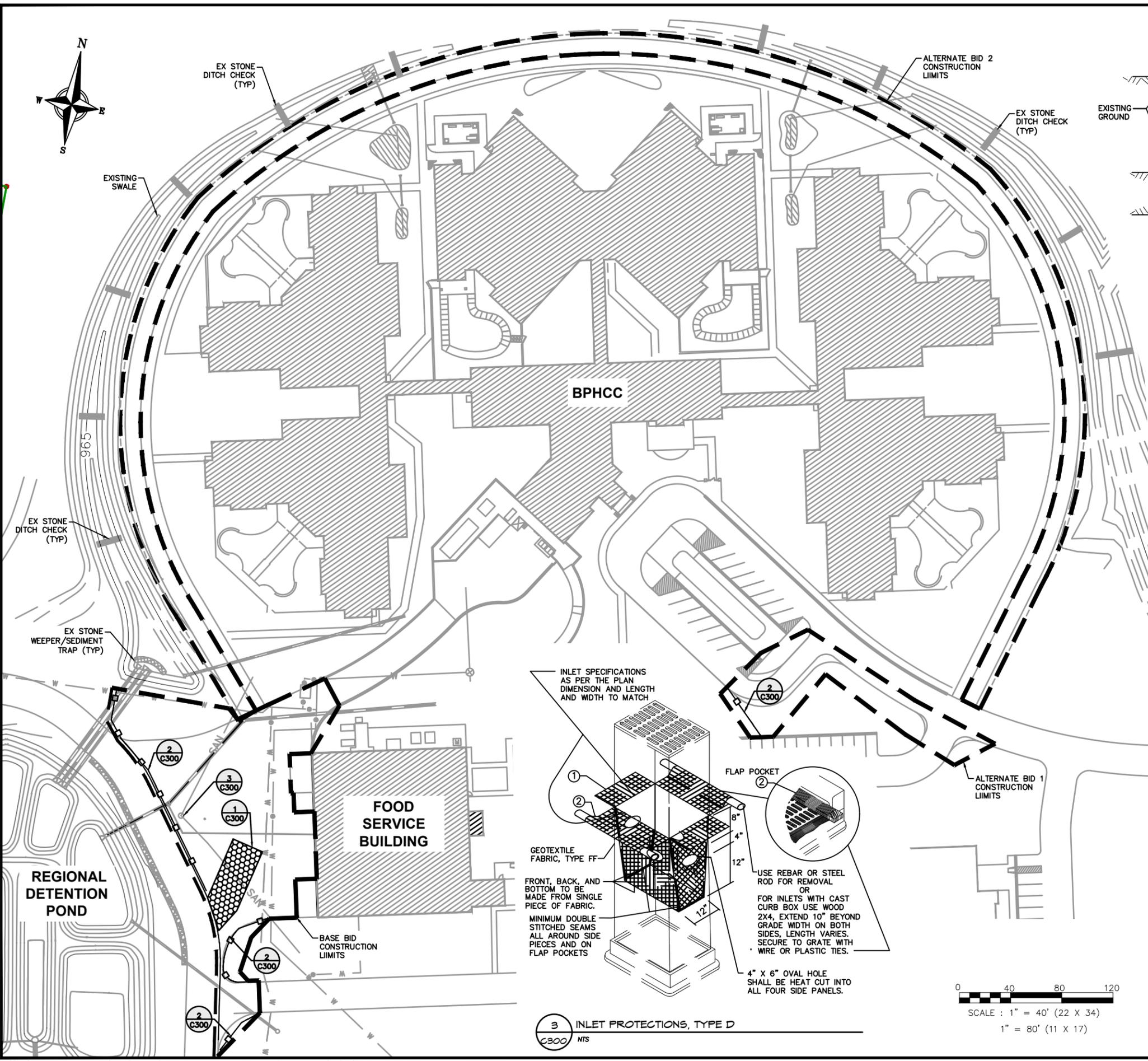
PROFESSIONAL ENGINEERING LLC

**DRIVEWAY CHANGES & PAVING
 SITE PLAN - ALTERNATE BID 2**

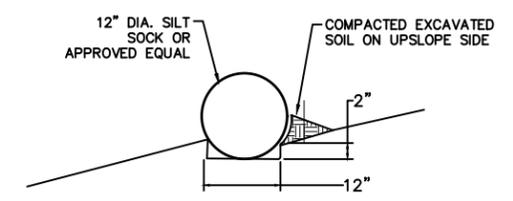
1000 EAST VERONA AVENUE
 VERONA, WISCONSIN

BID NO. 316010

C202



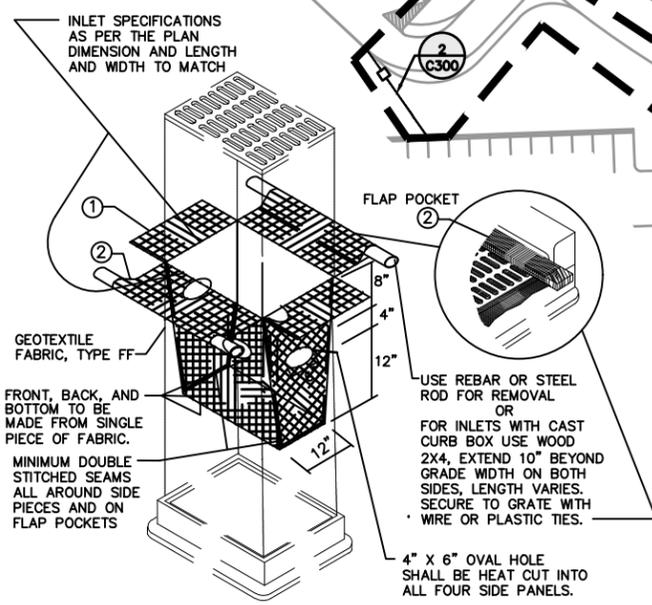
1 STONE TRACKING PAD
C300 NTS



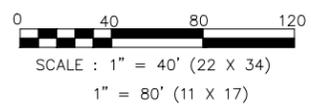
2 SEDIMENT LOG
C300 NTS

EROSION CONTROL NOTES

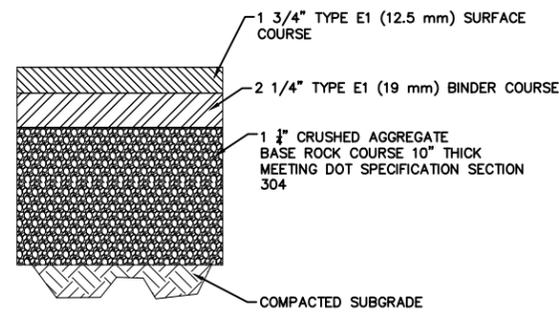
- (1) THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL DEVICES FROM THE START OF LAND DISTURBING CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION OF THE CONSTRUCTION SITE.
- (2) ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE DANE EROSION CONTROL AND STORMWATER MANAGEMENT ORDINANCE AND THE APPROPRIATE WISCONSIN DNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS. THE COUNTY RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS CONDITIONS WARRANT.
- (3) CLEANING. RIGHT-OF-WAY SURFACES SHALL BE THOROUGHLY CLEANED BEFORE THE END OF EACH WORKING DAY.
- (4) RESTORATION. RESTORATION SHALL BE COMPLETED AS NOTED IN THE CONSTRUCTION SCHEDULE UNLESS OTHERWISE AUTHORIZED BY THE COUNTY.
- (5) INSPECTION. THE OWNER SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. DOCUMENTATION OF EACH INSPECTION SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION.
- (6) STONE TRACKING PAD. BEFORE BEGINNING CONSTRUCTION, CONTRACTOR SHALL INSTALL A STONE TRACKING PAD AT EACH POINT WHERE VEHICLES ENTERS/EXITS THE CONSTRUCTION SITE. STONE TRACKING PADS SHOULD BE AT LEAST 24 FEET WIDE AND 50 FEET LONG, AND CONSTRUCTED OF 3-6 INCH WASHED STONE WITH A DEPTH OF AT LEAST 12 INCHES. ON SITES WITH CLAY SOILS, STONE TRACKING PADS MUST BE UNDERLAIN WITH A GEOTEXTILE LINER TO PREVENT THE STONE FROM SINKING INTO THE SOIL.
- (7) INLET PROTECTION. ALL INLETS SUBJECT TO DRAINAGE SHALL BE PROTECTED WITH WISCONSIN DOT TYPE D INLET PROTECTION OR APPROVED EQUAL. A STANDARD SEDIMENT BAG SHALL BE USED DURING CONSTRUCTION. ANY DEPOSITS OF DIRT, MUD, ROCK, DEBRIS, OR OTHER MATERIAL ENTERING THE STORM SEWER SYSTEM SHALL BE PROMPTLY AND THOROUGHLY CLEANED OUT.
- (8) EROSION MAT. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 4H:1V SHALL BE STABILIZED WITH WISCONSIN DOT CLASS 1, URBAN, TYPE B, EROSION MAT.
- (9) TEMPORARY EROSION CONTROL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- (10) STABILIZATION. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED BY OWNER AS SPECIFIED WITHIN 14 WORKING DAYS OF FINAL GRADING. CONTRACTOR SHALL ALERT OWNER OF STATUS WEEKLY.
- (11) TOPSOIL. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.
- (12) SEEDING. SEED MIXTURE SHALL BE APPLIED BY OWNER AT A RATE OF 2 LBS PER 1,000 SF OF AREA OR AS NOTED ON THE LANDSCAPE PLAN.
- (13) STOCKPILES. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.



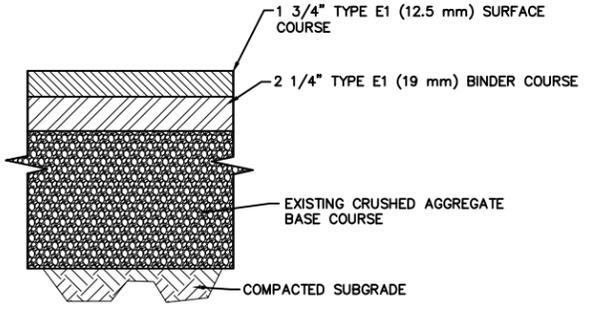
3 INLET PROTECTIONS, TYPE D
C300 NTS



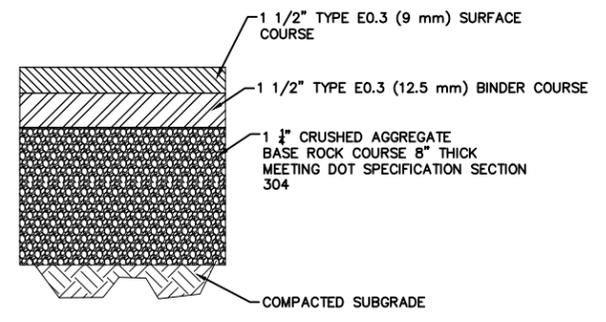
ISSUANCE/REVISION BID DRAWINGS DATE 04-12-16	818 N Meadowbrook Ln Waunakee, WI 53597 phone (608) 849-9378 fax (608) 237-2129 <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> PROFESSIONAL ENGINEERING LLC </div>
DRIVEWAY CHANGES & PAVING EROSION CONTROL PLAN	
1000 EAST VERONA AVENUE VERONA, WISCONSIN	
C300	



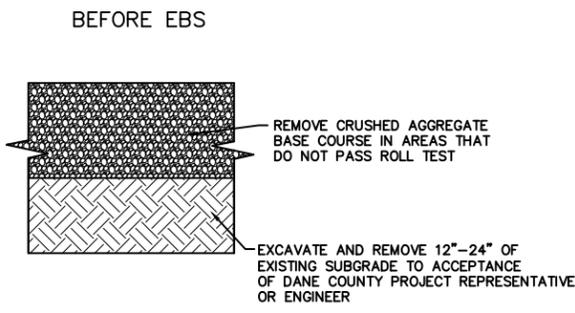
1 HEAVY DUTY PAVEMENT SECTION
C400 NTS



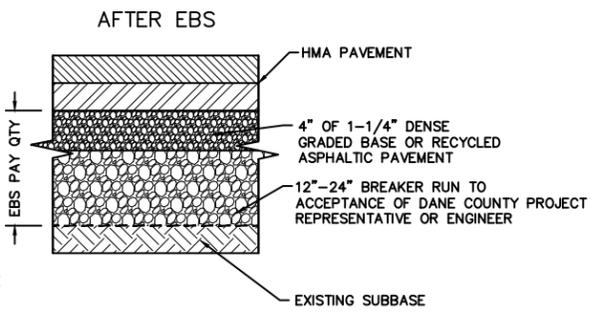
2 HEAVY DUTY PAVEMENT SECTION OVER EXISTING BASE COURSE
C400 NTS



3 LIGHT DUTY PAVEMENT SECTION
C400 NTS

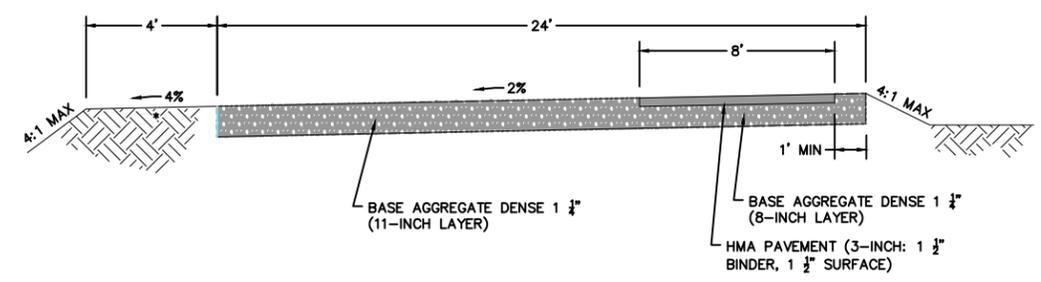


- GENERAL NOTES:
1. PRIOR TO UNDERCUTTING OR PLACING DENSE GRADED BASE CONTACT, DANE COUNTY PROJECT REPRESENTATIVE OR ENGINEER TO SCHEDULE INSPECTION OF SUBGRADE AND PROOF ROLLING OF SUBGRADE.
 2. DEPTH OF UNDERCUTTING OR EBS TO BE DETERMINED BY DANE COUNTY PROJECT REPRESENTATIVE OR ENGINEER.

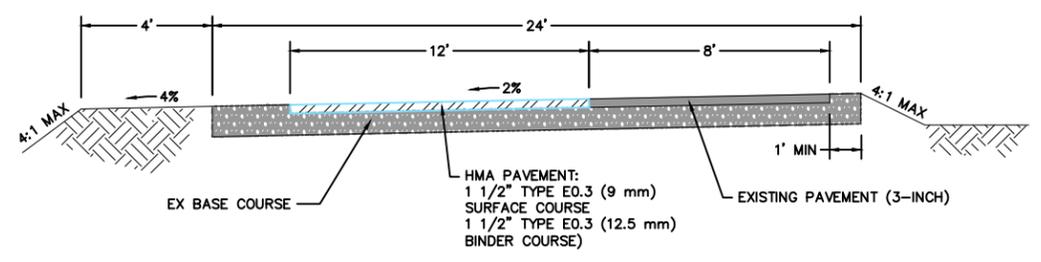


- GENERAL NOTES:
1. UNDERCUT AREAS TO BE BACKFILLED WITH BREAKER RUN OR WITH COMBINATION OF BREAKER RUN AND GEOGRID SOIL REINFORCEMENT IN MAXIMUM OF 9" THICK LIFTS (COMPACTED).
 2. USE OF GEOGRID TO BE DETERMINED BY DANE COUNTY PROJECT REPRESENTATIVE OR ENGINEER.

4 UNDERCUTTING/EXCAVATION BELOW SUBGRADE (EBS)
C400 NTS



5 EXISTING FIRE LANE TYPICAL SECTION - ALTERNATE BID 2
C400 NTS



6 PROPOSED FIRE LANE TYPICAL SECTION - ALTERNATE BID 2
C400 NTS

ISSUANCE/REVISION	DATE
BID DRAWINGS	04-12-16

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Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

PROFESSIONAL ENGINEERING LLC

DRIVEWAY CHANGES & PAVING SITE DETAILS

1000 EAST VERONA AVENUE
VERONA, WISCONSIN

BID NO. 316010

C400