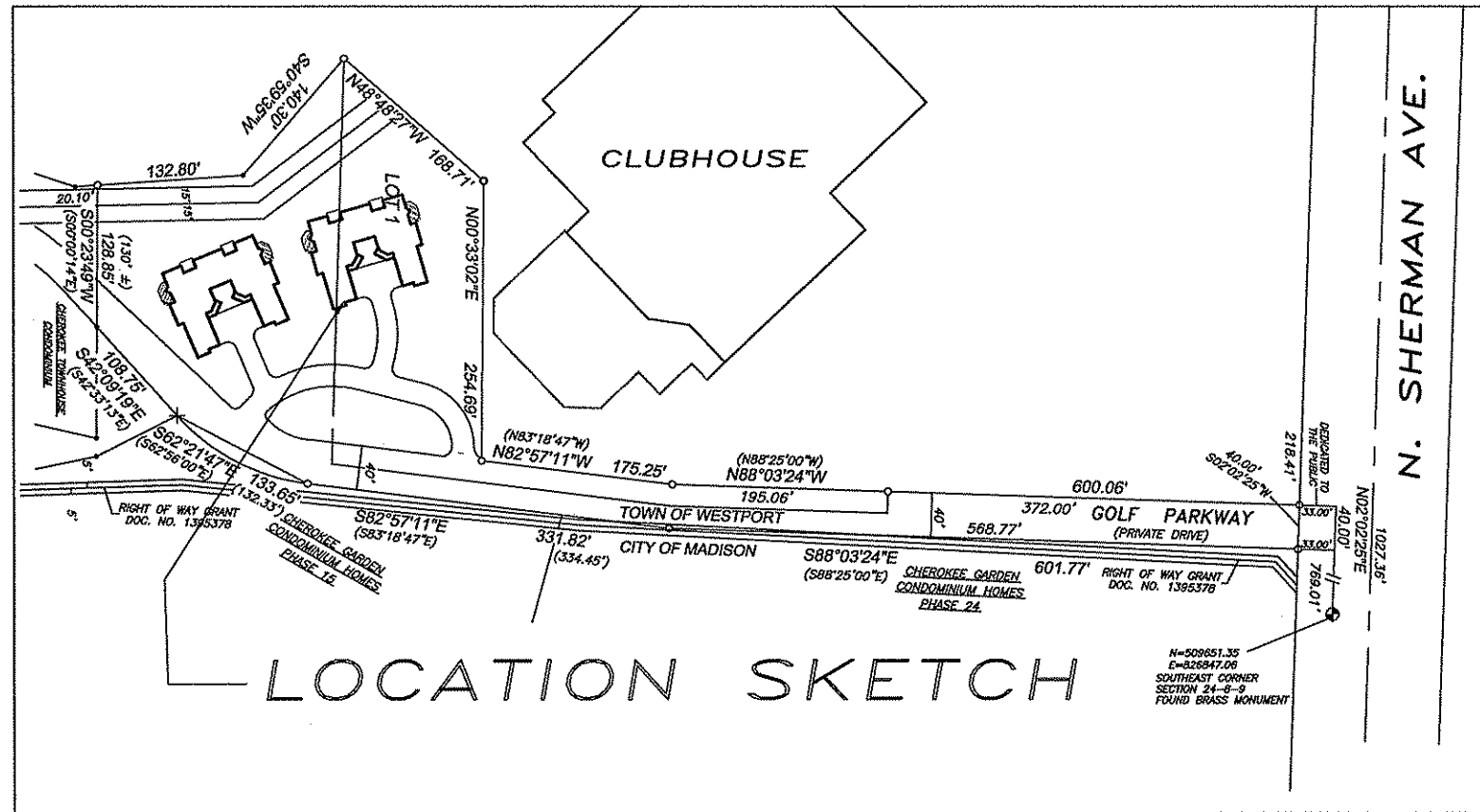


COUNTRY CLUB INFILL CHEROKEE PARK INC.

LOT INFORMATION:

LOT AREA	132580 S.F.
TOTAL IMPERVIOUS BUILDING AREA	14016 S.F.
TOTAL IMPERVIOUS DRIVE/WALK AREA	9622 S.F.
TOTAL IMPERVIOUS AREA	23638 S.F.



ZONING ADMINISTRATOR _____

CITY ENGINEER _____

TRAFFIC ENGINEER _____

WATER UTILITY MANAGER _____

FIRE MARSHAL _____

PLANNING DEPARTMENT _____

ARCHITECT

LINVILLE ARCHITECTS, LLC
ED LINVILLE, AIA
408 EAST WILSON STREET
MADISON, WI 53703

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MADISON, WISCONSIN 53704

DEVELOPER:

CHEROKEE PARK INC.
5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704

CONSTRUCTION PROJECT MANAGER

CRAIG MAKELA Phone 249-1000
5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704

SUPERVISING ENGINEER:

DANIEL L. MURRAY P.E.
5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704

SITE DEVELOPMENT:

GENERAL ENGINEERING COMPANY
SCOTT ANDERSON P.E. Phone 742-2169
916 SILVER LAKE DRIVE
PORTAGE, WISCONSIN 53901

STORMWATER MANAGMENT:

Montgomery Associates Resource Solutions, LLC.
2820 Walton Commons West, Suite 135
MADISON, WISCONSIN 53718

SURVEYOR:

BIRRENKOTT SURVEYING
1677 N. BRISTOL STREET
SUN PRAIRIE, WISCONSIN 53590

INDEX TO DRAWINGS

- A1 COVER SHEET
- A2 BASEMENT PLAN
- A3 FIRST FLOOR PLAN
- A4 DUPLEX ELEVATIONS
- A5 DUPLEX ELEVATIONS
- C1.0 EXISTING SITE PLAN
- C1.1 PROPOSED SITE PLAN
- C2.0 PROPOSED EROSION CONTROL AND GRADING PLAN
- C3.0 BOULDER WALL DETAILS
- C4.0 STORM SEWER CONSTRUCTION DETAILS
- C5.0 EROSION CONTROL DETAILS
- C5.1 EROSION CONTROL SPECIFICATIONS
- C6.0 PROPOSED LANDSCAPE PLAN

NUMBER OF STORIES

BLDG A	1
BLDG B	1

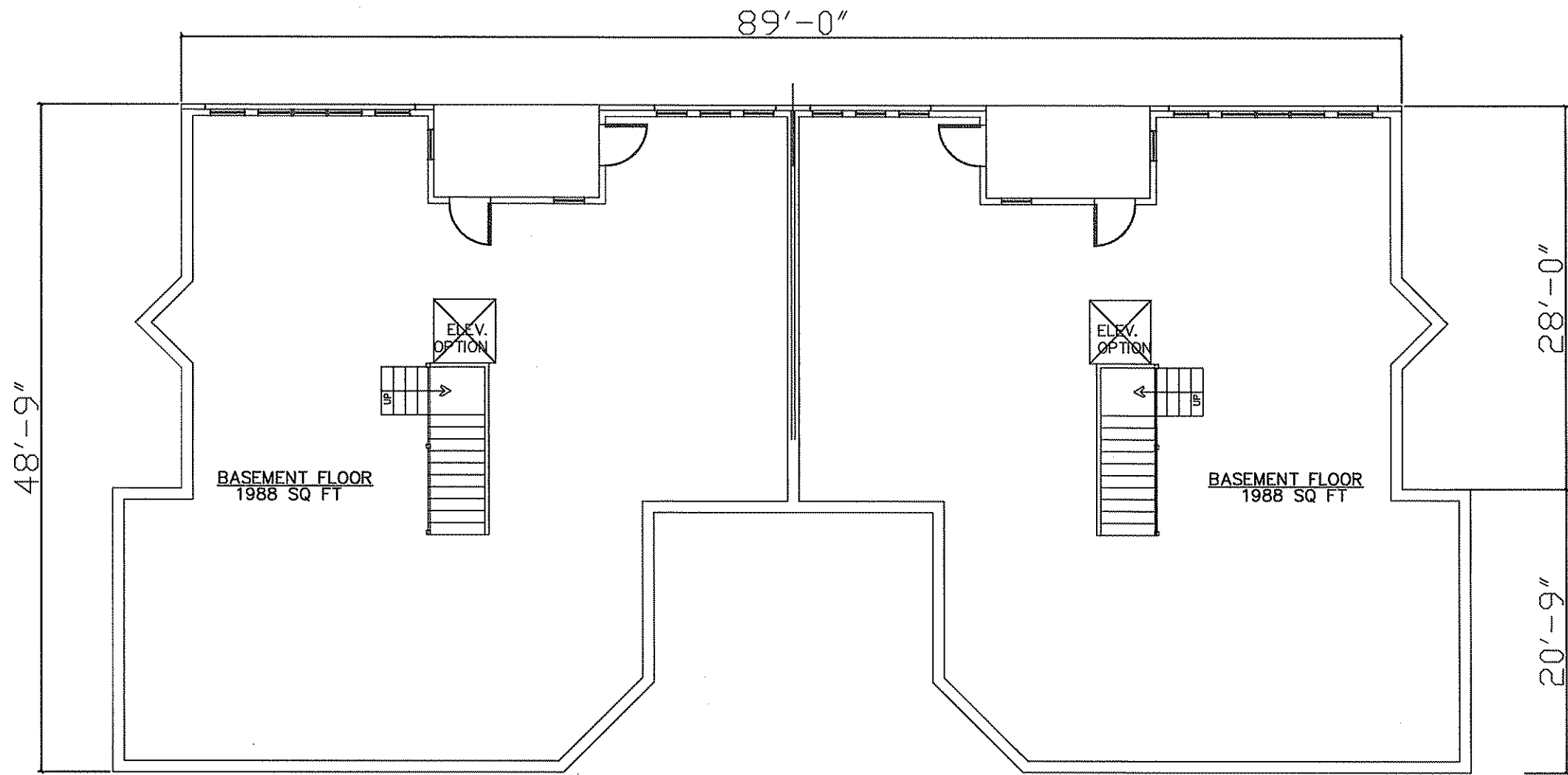
MARCH 26, 2008
PROJECT NO. 0000



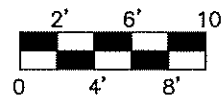
5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704
PHONE (608) 249-1000

CHEROKEE
PARK INCORPORATED

A1



BASEMENT PLAN



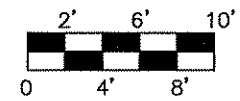
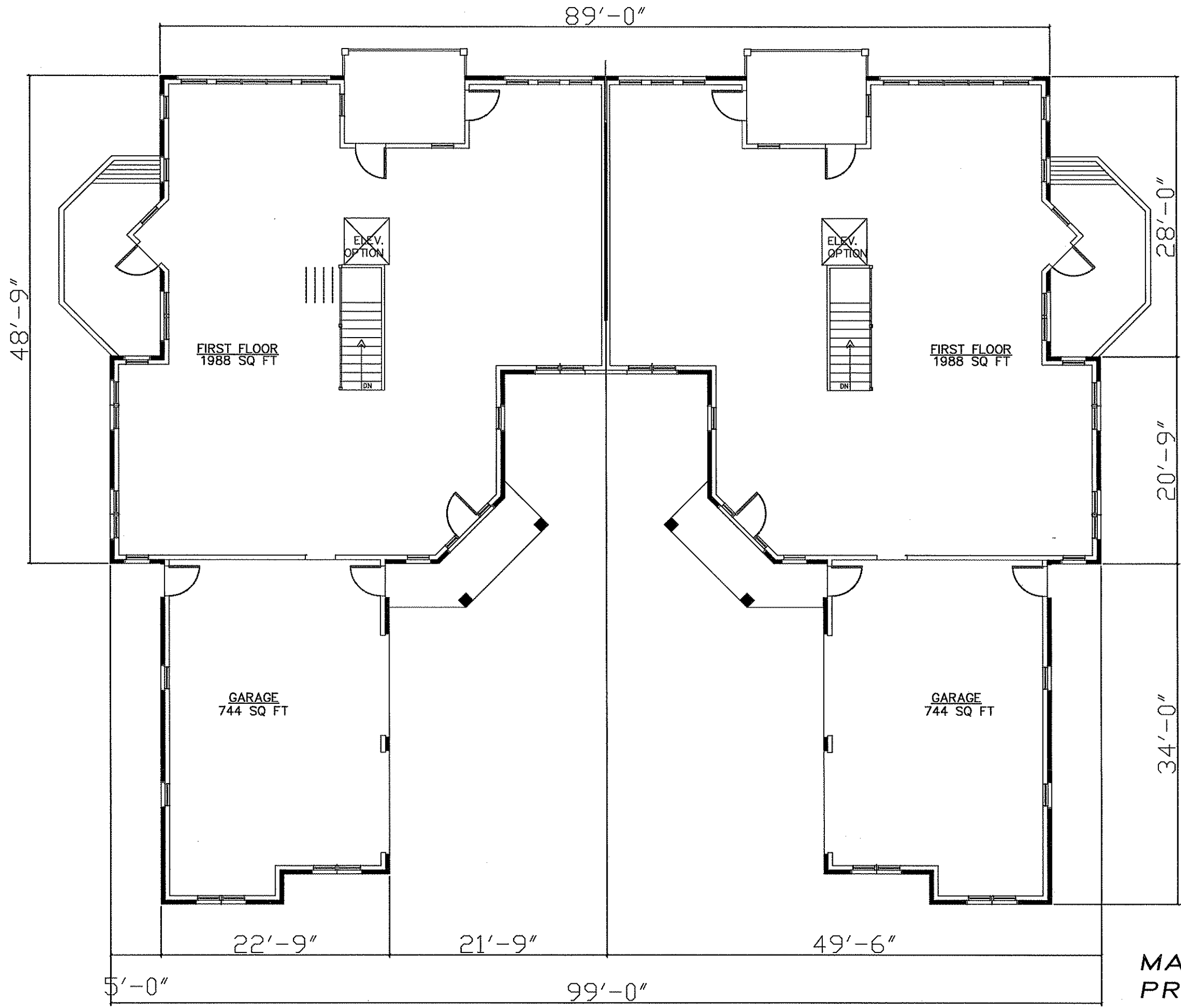
MARCH 26, 2008
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PHONE (608) 249-1000

CHEROKEE
PARK INCORPORATED

A2



FIRST FLOOR PLAN

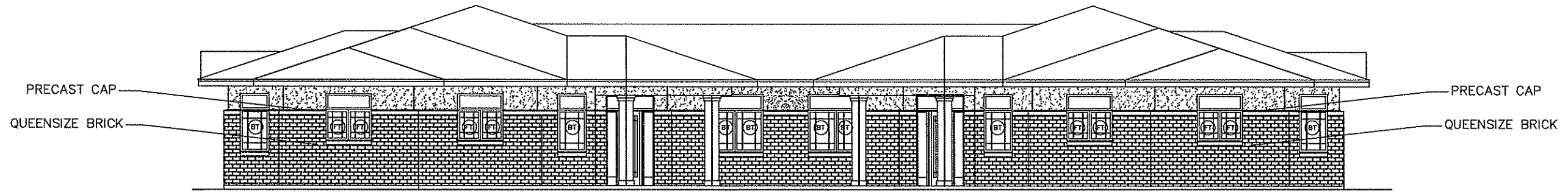
MARCH 26, 2008
PROJECT NO. 0000



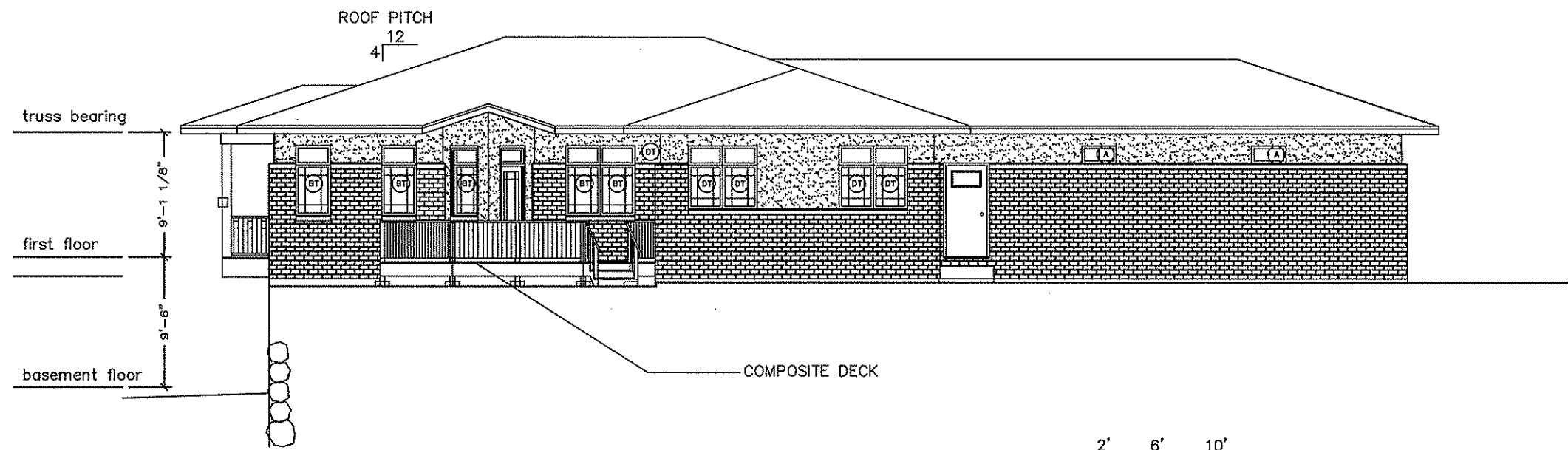
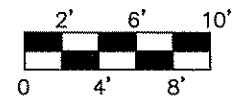
5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704
PHONE (608) 249-1000

CHEROKEE
PARK INCORPORATED

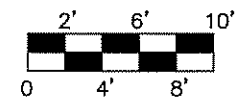
A3



STREET ELEVATION



SIDE ELEVATION



5000 NORTH SHERMAN AVENUE
MADISON, WISCONSIN 53704
PHONE (608) 249-1000

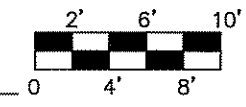
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PARK INCORPORATED

MARCH 26, 2008
PROJECT NO. 0000

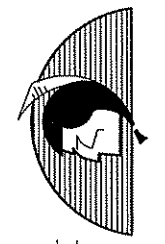
A4



REAR / GOLF COURSE ELEVATION



PRECAST CAP
 QUEENSIZE BRICK

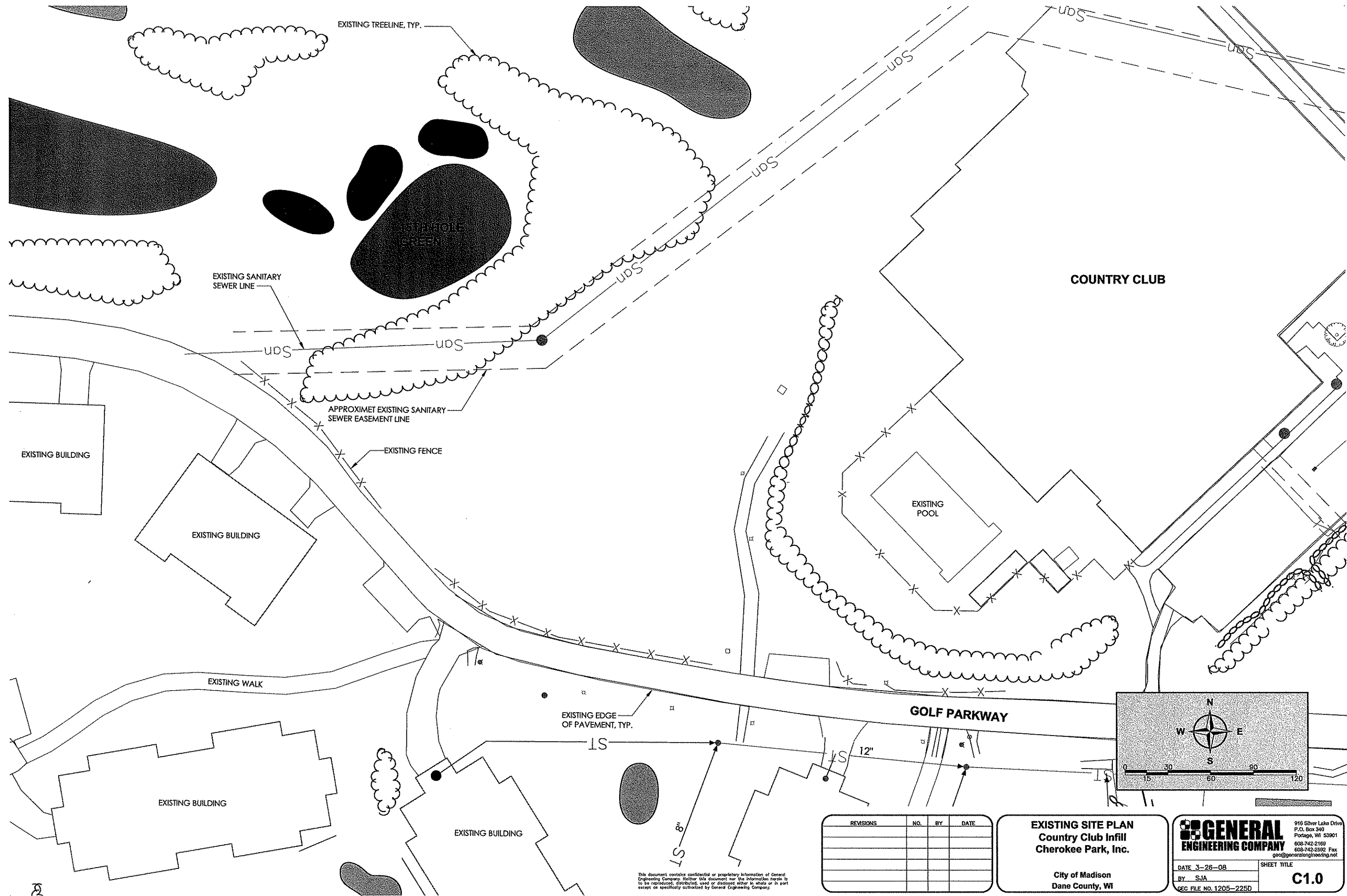


5000 NORTH SHERMAN AVENUE
 MADISON, WISCONSIN 53704
 PHONE (608) 249-1000

CHEROKEE
 PARK INCORPORATED

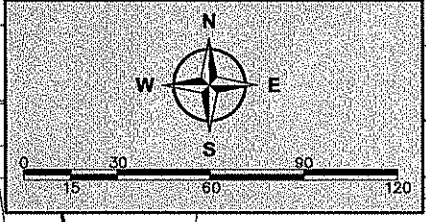
MARCH 26, 2008
 PROJECT NO. 0000

A5



COUNTRY CLUB

GOLF PARKWAY



REVISIONS	NO.	BY	DATE

EXISTING SITE PLAN
Country Club Infill
Cherokee Park, Inc.

City of Madison
 Dane County, WI

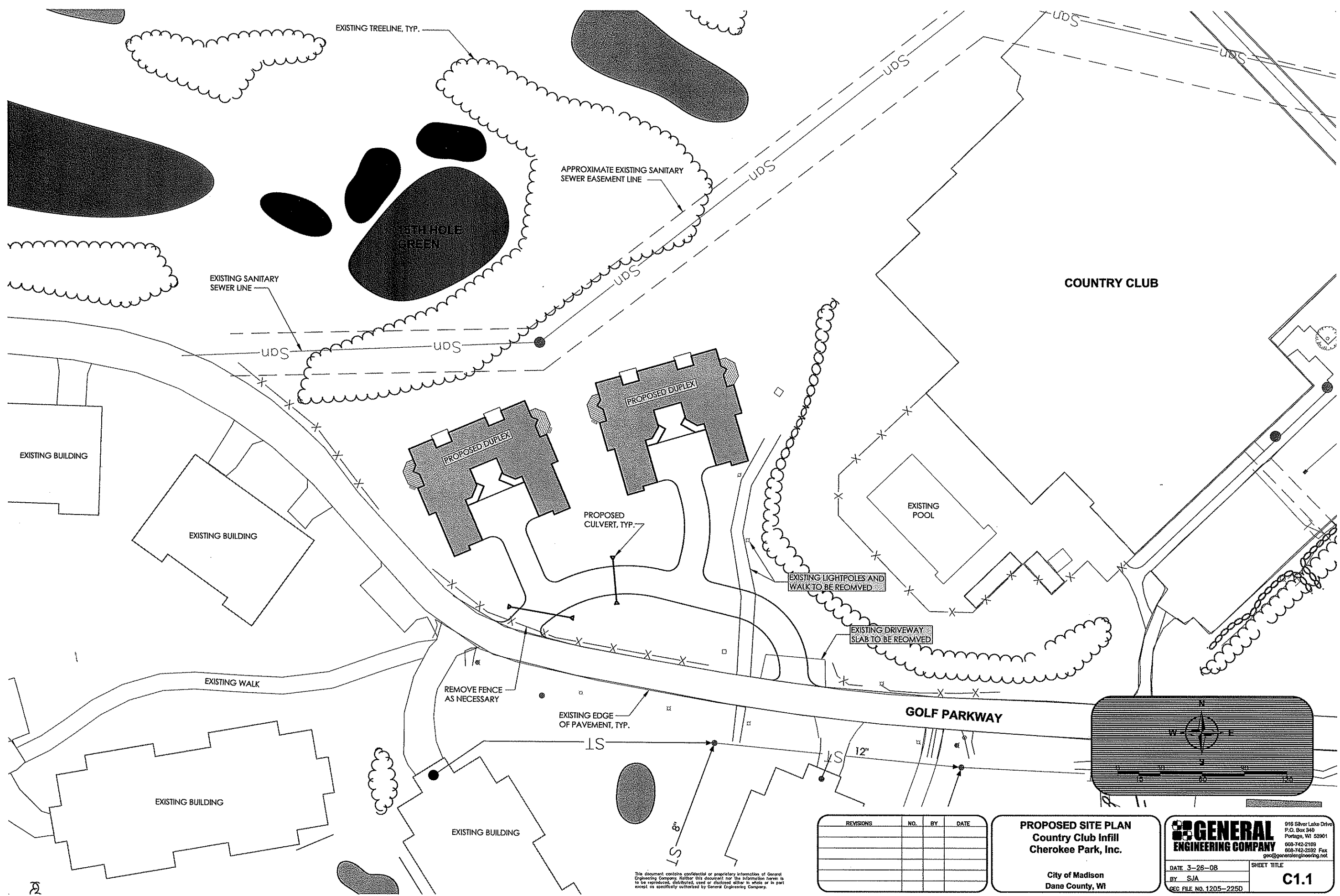
GENERAL ENGINEERING COMPANY

916 Silver Lake Drive
 P.O. Box 340
 Portage, WI 53901
 608-742-2169
 608-742-2592 Fax
 gcc@generalengineering.net

DATE 3-26-08 SHEET TITLE
 BY SJA C1.0
 SEC FILE NO. 1205-225D

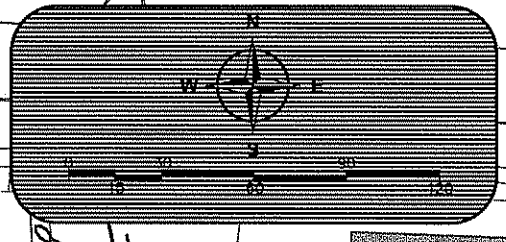
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2



COUNTRY CLUB

GOLF PARKWAY



REVISIONS	NO.	BY	DATE

PROPOSED SITE PLAN
Country Club Infill
Cherokee Park, Inc.

City of Madison
 Dane County, WI

GENERAL ENGINEERING COMPANY
 916 Silver Lake Drive
 P.O. Box 240
 Portage, WI 53901
 608-742-2185
 608-742-2592 Fax
 gec@generalengineering.net

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 BY SJA
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C1.1

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To Obtain Location of Particular Underground Facilities Before You Dig in Wisconsin
CALL DIGGERS HOTLINE
 1-800-242-8511
 Wis Statute 182.0175 (1974)
 Requires Min. 3 Work Days Notice Before You Excavate

- NOTES:**
1. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.
 2. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.
 3. CLASS I, TYPE B EROSION MAT SHALL BE INSTALLED IN ALL SWALES ONCE FINAL GRADES HAVE BEEN ESTABLISHED.
 4. CLASS I, TYPE A EROSION MAT SHALL BE INSTALLED ON SLOPES AS INDICATED.

BOULDER RETAINING WALL SCHEDULE

B1: TOW ELEV: 875.5'
 BOW ELEV: 870.0'
 HEIGHT: 5.5'-

B2: TOW ELEV: 870.0'
 BOW ELEV: 866.5'
 HEIGHT: 3.5'-

SEE SHEET C3.0 FOR DETAILS

CULVERT SCHEDULE

C1: 12" RCP, 34' @ 1.5%
 IN ELEV: 873.50'
 OUT ELEV: 873.00'

C2: 12" RCP, 47' @ 0.5%
 IN ELEV: 873.00'
 OUT ELEV: 872.60'

LENGTHS INCLUDE ENDWALLS

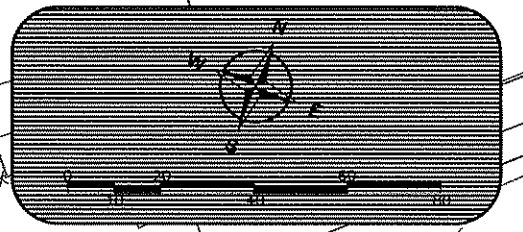
COUNTRY CLUB

EXISTING POOL

GOLF PARKWAY

EXISTING BUILDING

← = FLOW ARROW



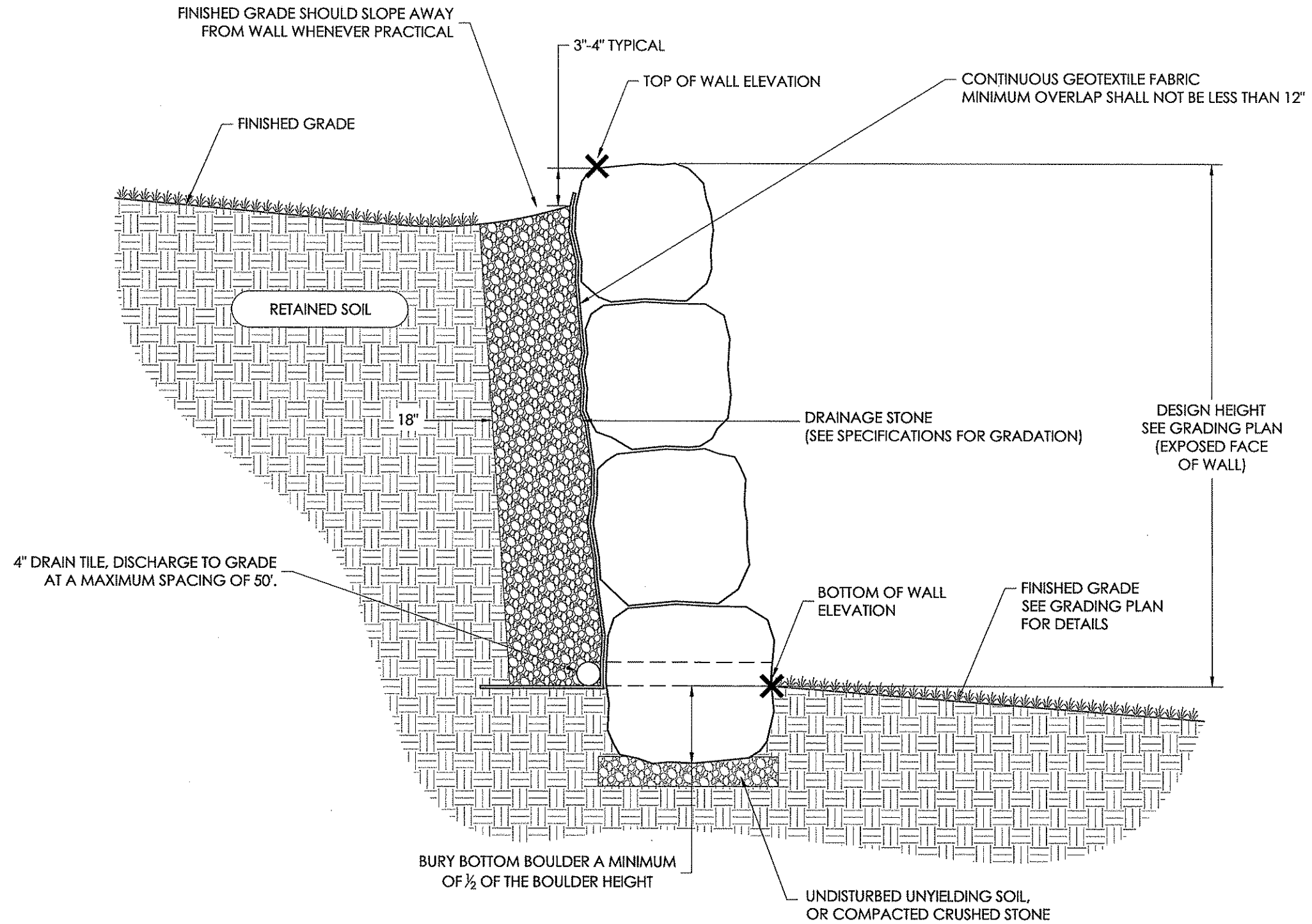
REVISIONS	NO.	BY	DATE

PROPOSED EROSION CONTROL & GRADING PLAN
Country Club Infill
Cherokee Park, Inc.
 City of Madison
 Dane County, WI

GENERAL ENGINEERING COMPANY
 916 Silver Lake Drive
 P.O. Box 340
 Portage, WI 53901
 608-742-2169
 608-742-2592 Fax
 gnc@generalengineering.net

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TYPICAL BOULDER RETAINING WALL SECTION

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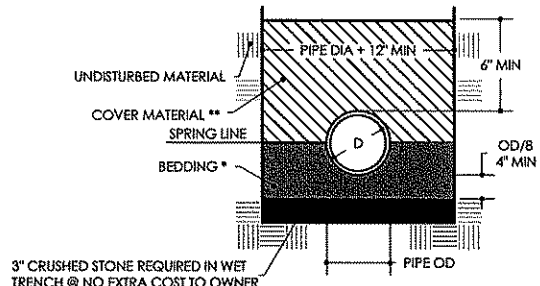
BOULDER WALL DETAILS
Country Club Infill
Cherokee Park, Inc.

City of Madison
Dane County, WI

GENERAL ENGINEERING COMPANY
918 Silver Lake Drive
P.O. Box 340
Portage, WI 53901
608-742-2169
608-742-2392 Fax
gec@generalengineering.net

DATE 3-26-08
BY SJA
GEC FILE NO. 1205-255D

SHEET TITLE
C3.0



3" CRUSHED STONE REQUIRED IN WET TRENCH @ NO EXTRA COST TO OWNER

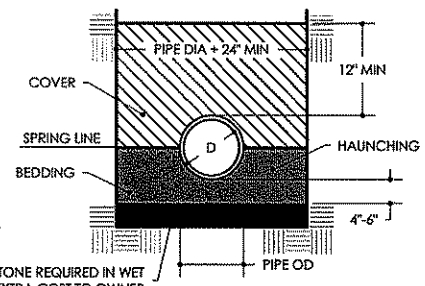
*BEDDING MATERIAL:
CRUSHED STONE OR GRAVEL CONFORMING TO FOLLOWING GRADATION:

SIEVE SIZE	% PASSING BY WEIGHT
1"	100
3/4"	90-100
3/8"	20-55
NO. 4	0-10
NO. 8	0-5

**COVER MATERIAL:
FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATTER, AND LARGE STONES.

INSTALLATION:
PLACE BEDDING MATERIAL IN MAXIMUM 6" LAYERS UP TO THE SPRING LINE OF THE PIPE. CAREFULLY PLACE COVER MATERIAL.

RIGID PIPE BEDDING (RCP)



3" CRUSHED STONE REQUIRED IN WET TRENCH @ NO EXTRA COST TO OWNER

BEDDING AND COVER MATERIAL:
CLASS IA: CRUSHED STONE OR GRAVEL CONFORMING TO FOLLOWING GRADATION:

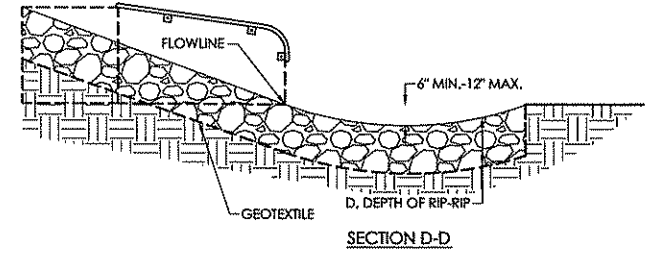
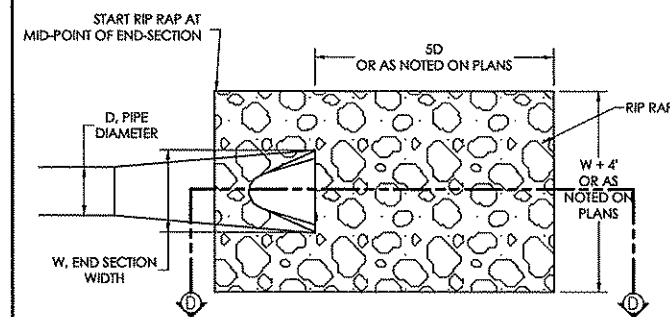
SIEVE SIZE	% PASSING BY WEIGHT
1"	100
3/4"	90-100
3/8"	20-55
NO. 4	0-10
NO. 8	0-5

CLASS IB: CRUSHED STONE OR GRAVEL CONFORMING TO FOLLOWING GRADATION:

SIEVE SIZE	% PASSING BY WEIGHT
1/2"	100
3/8"	85-100
NO. 4	10-30
NO. 8	0-5

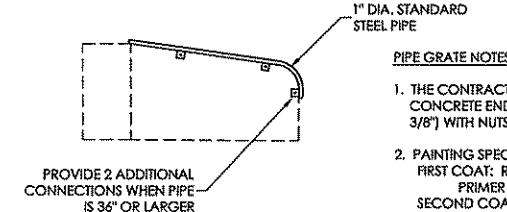
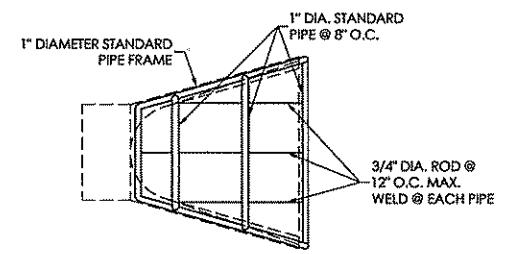
INSTALLATION:
PLACE AND COMPACT BEDDING MATERIAL AND COVER IN MAXIMUM 6" LAYERS. WORK MATERIAL IN AND AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT. COMPACT CLASS IB WITH HAND TAMPER OR VIBRATORY COMPACTOR TO 85% STANDARD PROCTOR.

**FLEXIBLE PIPE BEDDING
(CORRUGATED STEEL AND POLYETHYLENE)**



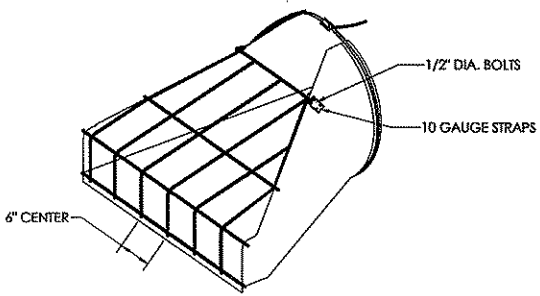
RIP RAP CLASS	WIS DOT RIP RAP EQUIVALENT	D. DEPTH
1		9"
2	LIGHT	18"
3	HEAVY	27"
4	EXTRA HEAVY	36"

RIP RAP AT PIPE DISCHARGE



- PIPE GRATE NOTES:**
1. THE CONTRACTOR SHALL BOLT THE PIPE GRATE TO THE CONCRETE ENDWALL WITH FOUR MACHINE BOLTS (MIN 3/8") WITH NUTS ON INSIDE WALL.
 2. PAINTING SPECIFICATIONS:
FIRST COAT: RUST-OLEUM X-60 RED BARE METAL PRIMER OR EQUAL.
SECOND COAT: RUST-OLEUM 960 ZINC CHROMATE PRIMER OR EQUAL.
THIRD COAT: RUST-OLEUM 1282 HIGH GLOSS & METALLIC FINISH OR EQUAL.

STANDARD END-SECTION GRATE - RCP



STANDARD END-SECTION GRATE-CMP

Mar 26, 2008 1:20:55 L:\2005\LD0 1205-2255\Country Club Infill 1205-2255D\Plan Set 3-26-08\C4.0-ST-DT-1205-2255-0.dwg

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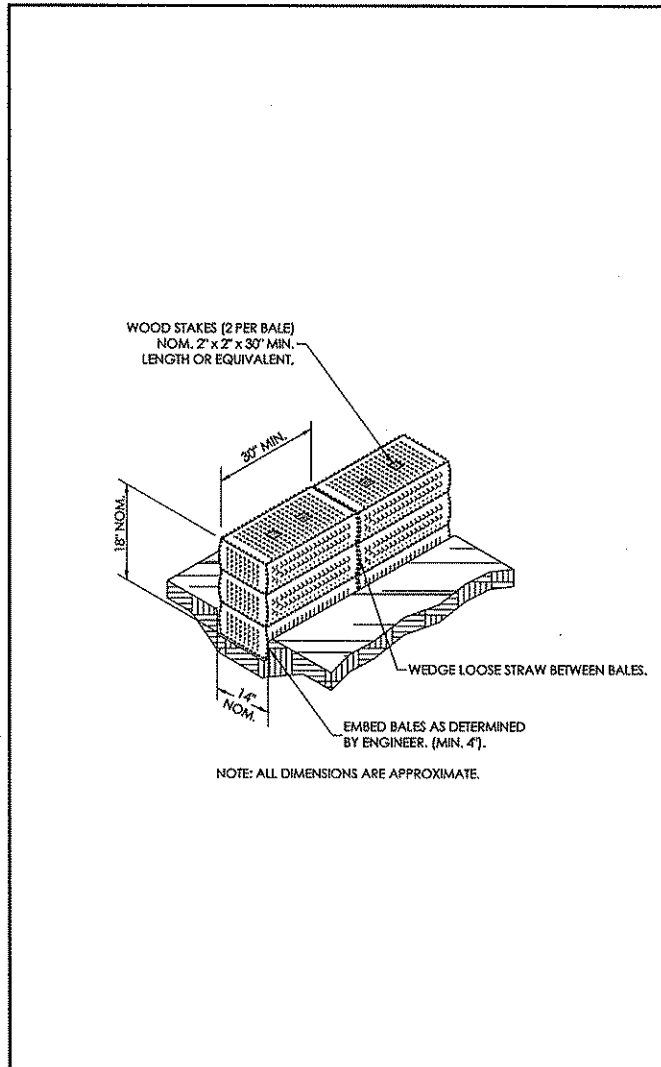
**STORM SEWER
CONSTRUCTION DETAILS
Country Club Infill**

City of Madison
Dane County, WI

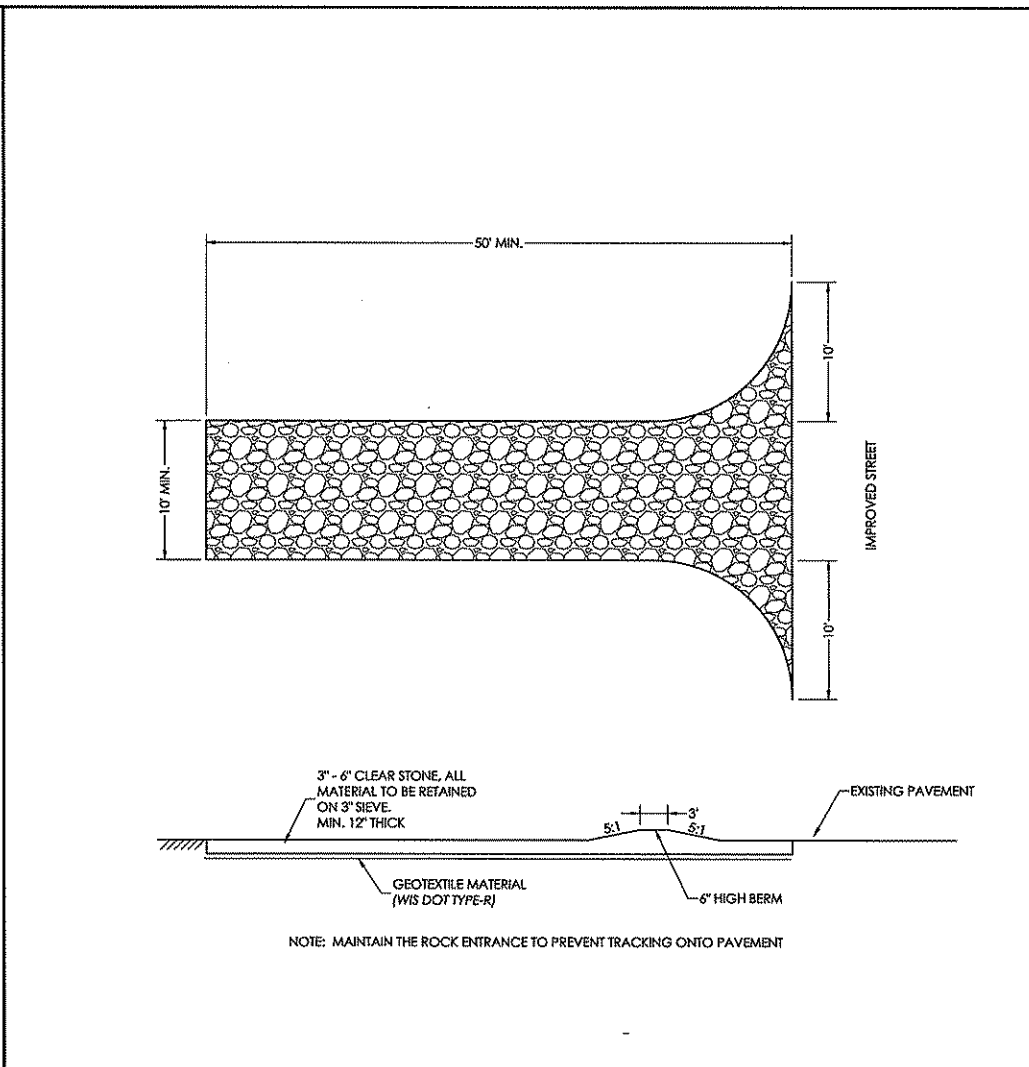
GENERAL ENGINEERING COMPANY
916 Silver Laka Drive
P.O. Box 340
Portage, WI 53901
608-742-2169
608-742-2592 Fax
goc@generalengr.com

DATE 3-26-08
BY SJA
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C4.0
GEC FILE NO. 1205-2255

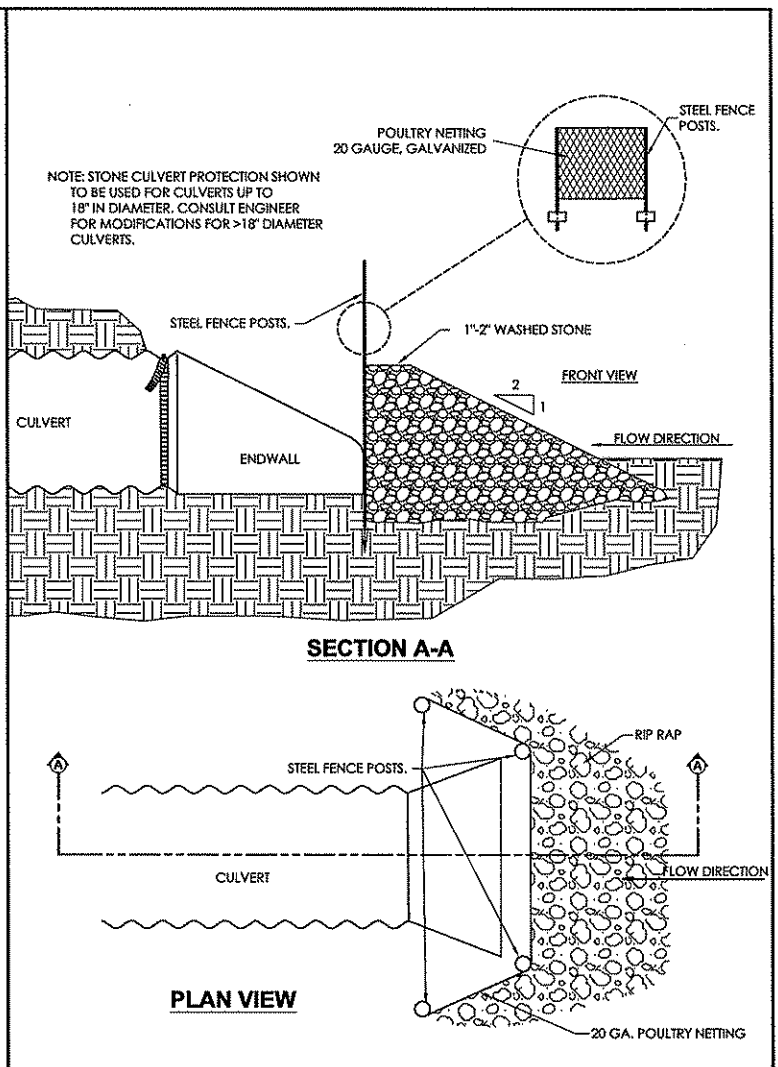
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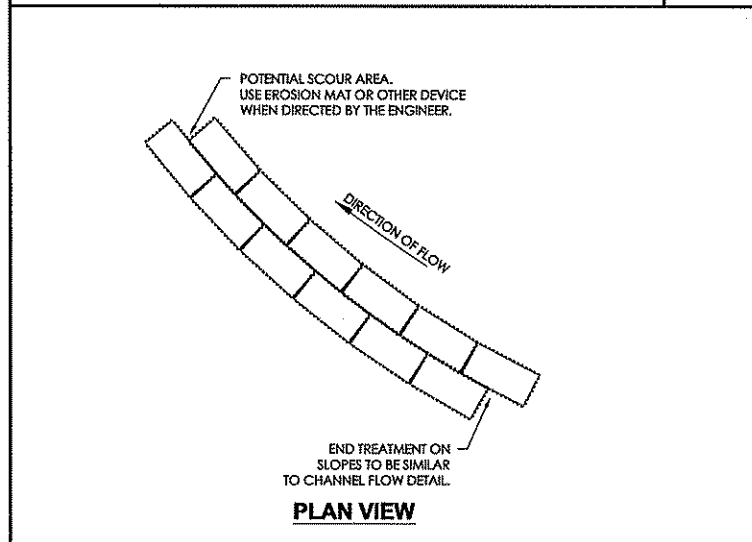
EROSION BALE INSTALLATION



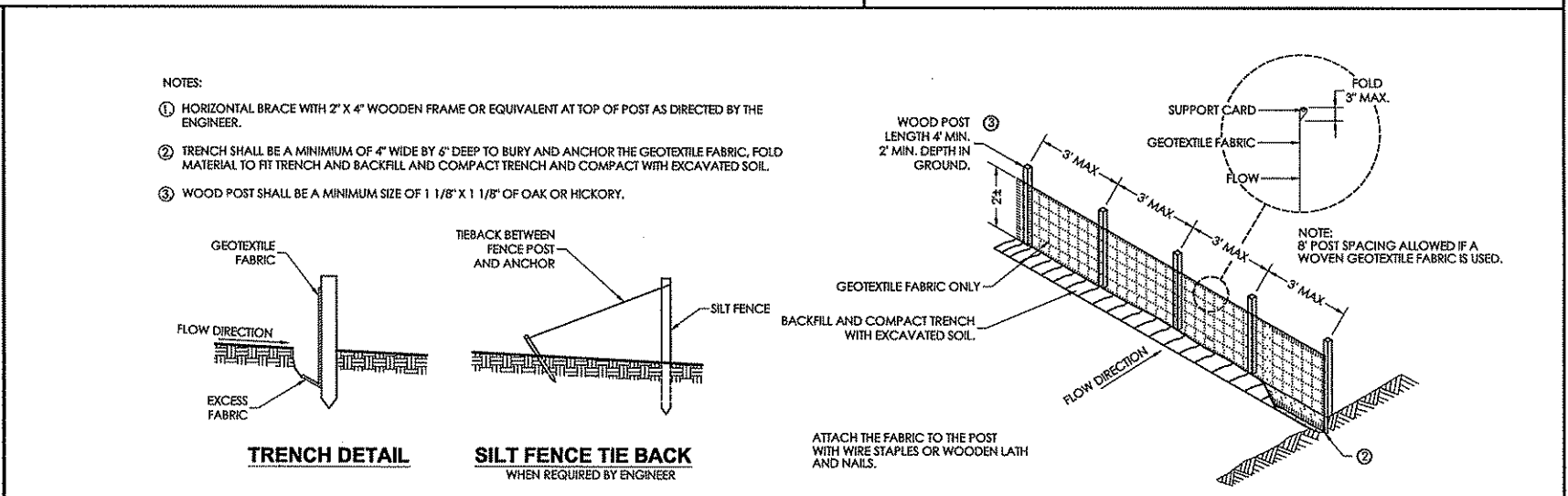
ROCK CONSTRUCTION ENTRANCE



STONE CULVERT PROTECTION



**EROSION BALE WHEN
ALTERING FLOW DIRECTION**



SILT FENCE

REVISIONS	NO.	BY	DATE

EROSION CONTROL DETAILS
GENERAL
Country Club Infill
Cherokee Park, Inc.
City of Madison
Dane County, WI

GENERAL ENGINEERING COMPANY

918 Silver Lake Drive
P.O. Box 340
Portage, WI 53901
608-742-2109
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CONSTRUCTION SITE EROSION CONTROL

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. FURNISHING, INSTALLING, MAINTAINING, AND REMOVING EROSION AND SEDIMENT CONTROL FACILITIES AND MEASURES.
- B. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EROSION CONTROL FACILITIES AND MEASURES NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT THE WORK SITE. THESE FACILITIES AND MEASURES MAY OR MAY NOT BE SHOWN ON THE DRAWINGS AND THEIR ABSENCE ON THE DRAWINGS DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING THEM. ANY MEASURES AND FACILITIES SHOWN ON THE DRAWINGS ARE THE MINIMUM ACTIONS REQUIRED.

1.02 REFERENCES

- A. WDNR TECHNICAL STANDARDS - SEE DNR WEBSITE @ <http://dnr.state.wi.us/org/water/wm/nps/stormwater/techstds.htm>
- B. WISCONSIN DEPARTMENT OF TRANSPORTATION, EROSION CONTROL, PRODUCT ACCEPTABILITY LISTS FOR MULTI-MODAL APPLICATIONS PAL, CURRENT EDITION.

1.03 GENERAL

- A. REQUIREMENTS OF WDNR TECHNICAL STANDARDS SHALL BE FOLLOWED AT ALL TIMES.
- B. USE SURFACE WATER AND EROSION CONTROL FACILITIES AND MEASURES THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITY TO CONTROL THE MOVEMENT OF SURFACE WATER AND TO REDUCE THE POTENTIAL FOR EROSION. MAINTAIN THE FACILITIES AND MEASURES UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- C. ERODED SOIL MATERIAL SHALL NOT BE ALLOWED TO LEAVE THE CONSTRUCTION SITE OR TO ENTER A WATERWAY, LAKE, OR WETLAND.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING THE EROSION CONTROL FACILITIES, AND IN GENERAL, SHALL USE CONSTRUCTION PRACTICES THAT MINIMIZE EROSION.
- E. ERODED MATERIAL THAT HAS LEFT THE CONSTRUCTION SITE SHALL BE COLLECTED AND RETURNED TO THE SITE BY THE CONTRACTOR.
- F. PREVENT CONSTRUCTION SITE TRACKING WITH GRAVELED ROADS, ACCESS DRIVES, AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC AND PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY.

1.04 SEQUENCING AND SCHEDULING

- A. CONSTRUCT AND STABILIZE EROSION CONTROL MEASURES FOR DIVERSIONS OR OUTLETS PRIOR TO ANY GRADING OR DISTURBANCE OF THE CONSTRUCTION SITE.
- B. INSTALL FILTER FABRIC AND STRAW BALE FENCES AND BARRIERS PRIOR TO DISTURBING THE AREA.
- C. TURF AREAS THAT HAVE BEEN COMPLETED TO FINISH GRADE SHALL BE STABILIZED WITH PERMANENT SEEDING WITHIN SEVEN DAYS. TURF AREAS WHERE ACTIVITY HAS CEASED AND THAT WILL REMAIN EXPOSED FOR MORE THAN 20 DAYS BEFORE ACTIVITY RESUMES AND SOIL STOCKPILES SHALL BE STABILIZED WITH TEMPORARY SEEDING OR SOIL STABILIZER.
- D. OTHER EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DISTURBANCE OF THE CONSTRUCTION SITE, AS APPLICABLE.

PART 2 - PRODUCTS

2.01 SILT FENCE

- FABRIC SHALL BE SHALL A WOVEN OR NONWOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, OR POLYETHYLENE GEOTEXTILE WITH THE FOLLOWING MINIMUM PROPERTIES:

PROPERTY	TEST METHOD	REQUIREMENT*
GRAB TENSILE STRENGTH, LBS MIN. MACHINE DIRECTION	ASTM D 4632	120
CROSS DIRECTION		100
MAX. APPARENT OPENING SIZE, US SIEVE	ASTM D 4751	NO. 30
PERMITTIVITY, SEC-1, MIN.	ASTM D 4491	0.05
MIN. UV STABILITY AT 500 HRS. %	ASTM D 4355	70%

* MINIMUM OR MAXIMUM AVERAGE ROLL VALUES.

2.02 TEMPORARY SEED

- A. AREAS NEEDING PROTECTION DURING PERIODS WHEN PERMANENT SEEDING IS NOT APPLIED SHALL BE SEEDED WITH ANNUAL SPECIES FOR TEMPORARY PROTECTION. PROVIDE SPECIES AS FOLLOWS:

SPECIES	% PURITY
OATS	98
CEREAL RYE	97
WINTER WHEAT	95
ANNUAL RYEGRASS	97

- B. PROVIDE OATS FOR SPRING AND SUMMER. PROVIDE CEREAL RYE, WINTER WHEAT, OR ANNUAL RYEGRASS FOR FALL SEEDING.

2.03 EROSION MAT

- A. ALL EROSION MAT PRODUCTS SHALL BE OF THE CLASS AND TYPE INDICATED AND SHALL BE CHOSEN FROM THE EROSION CONTROL PRODUCT ACCEPTABILITY LISTS.
- B. CLASS I: A SHORT-TERM DURATION (SIX MONTHS OR GREATER), LIGHT DUTY, ORGANIC MAT. NETTING SHALL BE NON-ORGANIC, PHOTODEGRADABLE OR BIODEGRADABLE NETTING. THE WEIGHT OF THE NETTING SHALL NOT EXCEED 15% OF THE TOTAL BLANKET WEIGHT. THE NETTING SHALL BE SUFFICIENTLY BONDED TO THE PARENT MATERIAL TO PREVENT SEPARATION FOR THE LIFE OF THE PRODUCT.
- TYPE A: A NETTED PRODUCT FOR USE ON SLOPES 2.5 TO 1 OR FLATTER WITH A MINIMUM PRODUCT PERMISSIBLE SHEAR STRESS OF 50 PA (1.0 LBS/FT²). NOT TO BE USED IN CHANNELS.
 - TYPE B: A DOUBLE NETTED PRODUCT FOR USE ON SLOPES 2 TO 1 OR FLATTER OR IN CHANNELS WITH A MINIMUM PRODUCT PERMISSIBLE SHEAR STRESS OF 70 PA (1.5 LBS/FT²).

- C. CLASS II: A LONG-TERM DURATION (3 YEARS OR GREATER), ORGANIC MAT. THE WEIGHT OF THE NETTING SHALL NOT EXCEED 15% OF THE TOTAL BLANKET WEIGHT. THE NETTING SHALL BE BONDED SUFFICIENTLY TO THE PARENT MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE PARENT MATERIAL FOR THE LIFE OF THE PRODUCT.

- TYPE A: JUTE FIBER ONLY TO BE USED FOR REINFORCING SOD.
 - TYPE B: FOR USE ON SLOPES 2:1 OR FLATTER, OR IN CHANNELS WITH A MINIMUM PRODUCT PERMISSIBLE SHEAR STRESS OF 95 PA (2.0 LBS/FT²). NON-ORGANIC, PHOTODEGRADABLE, OR BIODEGRADABLE NETTING ALLOWED.
 - TYPE C: FOR USE ON SLOPES 2:1 OR FLATTER, OR IN CHANNELS WITH A MINIMUM PRODUCT PERMISSIBLE SHEAR STRESS OF 95 PA (2.0 LBS/FT²). ONLY 100% ORGANIC FIBERS ALLOWED. WOVEN MATS ARE ALLOWED WITH A MAXIMUM OPENING OF 1/2 INCH. USE IN ENVIRONMENTALLY SENSITIVE AREAS THAT HAVE A HIGH PROBABILITY OF ENTRAPPING ANIMALS IN THE PLASTIC NETTING.
- D. STAPLES: U-SHAPED NO. 11 GAUGE OR GREATER WIRE WITH A SPAN WIDTH OF ONE TO TWO INCHES AND A LENGTH OF NOT LESS THAN 6 INCHES FOR FIRM SOIL AND 12 INCHES FOR LOOSE SOIL.

2.04 SOIL STABILIZER

- A. SOIL STABILIZER SHALL BE A POLYACRYLAMIDE (PAM) AND CALCIUM SOLUTION INTENDED TO REDUCE THE ERODIBILITY OF BARE SOILS. THE PRODUCT SHALL ACHIEVE AN 80% REDUCTION IN SOIL LOSS INDUCED BY A TWO INCH PER HOUR RAINFALL SIMULATOR.
- B. PAM MIXTURES SHALL BE ENVIRONMENTALLY BENIGN, HARMLESS TO FISH, AQUATIC ORGANISMS, WILDLIFE, AND PLANTS. ONLY ANIONIC PAM WILL BE PERMITTED.
- C. ANIONIC PAM, IN PURE FORM SHALL HAVE NO MORE THAN 0.05% FREE ACRYLIC MONOMER BY WEIGHT, AS ESTABLISHED BY THE FOOD AND DRUG ADMINISTRATION AND THE ENVIRONMENTAL PROTECTION AGENCY. THE ANIONIC PAM IN PURE FORM SHALL NOT EXCEED 200 POUNDS PER BATCH.
- D. THE PRODUCT PROVIDED SHALL BE LISTED IN THE WISDOT PAL FOR TYPE B SOIL STABILIZER.

2.05 INLET PROTECTION

- A. TYPE A: USE AROUND FIELD INLETS UNTIL PERMANENT STABILIZATION METHODS HAVE BEEN ESTABLISHED. USE ON PAVEMENT INLETS PRIOR TO INSTALLATION OF CURB AND GUTTER OR PAVEMENT.
- B. TYPE B: USE ON INLETS WITHOUT CURB HEAD AFTER CASTING AND GRATE ARE IN PLACE.
- C. TYPE C: USE ON STREET INLETS WITH CURB HEAD.
- D. TYPE D: USE IN AREAS WHERE OTHER TYPED OF INLET PROTECTION ARE INCOMPATIBLE WITH ROADWAY AND TRAFFIC CONDITIONS CAUSING POSSIBLE SAFETY HAZARDS WHEN PONDING OCCURS AT INLET.
- E. GEOTEXTILE: TYPE FF MEETING THE REQUIREMENTS OF THE LATEST EDITION OF WISDOT PAL.

PART 3 - EXECUTION

3.01 INSTALLATION OF DIVERSIONS

- A. TEMPORARY DIVERSIONS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH WDNR CONSERVATION PRACTICE STANDARD, CONSTRUCTION SITE DIVERSION (1066).

3.02 INSTALLATION OF SILT FENCE AND STRAW BALE BARRIERS

- A. INSTALL STRAW BALE BARRIERS IN ACCORDANCE WITH THE DRAWINGS AND WDNR CONSERVATION PRACTICE STANDARD, SEDIMENT BALE BARRIER (1055).
- B. INSTALL SILT FENCE IN ACCORDANCE WITH THE DRAWINGS AND WDNR CONSERVATION PRACTICE STANDARD, SILT FENCE (1056).
- C. SILT FENCE AND STRAW BALE BARRIERS SHALL BE PLACED ON THE CONTOUR TO THE EXTENT PRACTICABLE. PLACE FENCES PARALLEL TO THE SLOPE WITH THE ENDS OF THE FENCE TURNED UPSLOPE A DISTANCE OF ONE TO TWO FEET. THE PARALLEL SPACING SHALL NOT EXCEED THE MAXIMUM SLOPE LENGTHS AS INDICATED IN THE FOLLOWING TABLE:

FENCE AND BARRIER SPACING	
SLOPE	SPACING
<2%	100'
2 - 5%	75'
5 - 10%	50'
10 - 33%	25'
>33%	20'

3.03 TEMPORARY SEEDING

- A. PROVIDE A SEEDBED OF LOOSE SOIL TO A MINIMUM DEPTH OF 2 INCHES.
- B. APPLY SEED EVENLY AT THE RATE SHOWN IN THE FOLLOWING TABLE. RAKE OR DRAG TO COVER THE SEED TO A DEPTH OF 1/4 INCH.

SPECIES	LBS./ACRE
OATS	131
CEREAL RYE	131
WINTER WHEAT	131
ANNUAL RYEGRASS	80

3.04 EROSION MAT INSTALLATION

- A. REMOVE STONES, CLODS, STICKS, OR OTHER FOREIGN MATERIAL THAT WOULD DAMAGE THE MAT OR INTERFERE WITH THE MAT BEARING COMPLETELY ON THE SURFACE.
- B. INSTALL EROSION MAT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- C. AFTER SEEDING HAS BEEN COMPLETED, ROLL BLANKETS OUT PARALLEL TO THE DIRECTION OF WATER FLOW, WITH THE NETTING ON TOP. SPREAD THE BLANKETS WITHOUT STRETCHING, MAKING SURE THE FIBERS ARE IN CONTACT WITH THE SOIL. OVERLAP ADJACENT STRIPS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. OVERLAP STRIP ENDS A MINIMUM OF 10 INCHES WITH THE UPGRADE STRIP ON TOP. BURY THE UPGRADE END OF EACH STRIP IN A VERTICAL TRENCH AT LEAST 6 INCHES DEEP.
- D. STAPLE THE MAT STRIPS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. STAPLE LONGITUDINAL OVERLAPS AND OUTER EDGES AT MAXIMUM INTERVALS OF 3 FEET. STAPLE STRIP ENDS AT MAXIMUM INTERVALS OF 16 INCHES. PLACE STAPLES THROUGHOUT THE MAT AT MAXIMUM 3-FOOT INTERVALS. INSERT STAPLES FLUSH WITH THE GROUND SURFACE.

3.05 SOIL STABILIZER

- A. THE MANUFACTURER SHALL PROVIDE DETAILED WRITTEN INSTRUCTIONS ON THE STORAGE, MIXING, AND APPLICATION PROCEDURES.
- B. THE SOIL STABILIZER MAY BE APPLIED BY SPRAYING OR BY DRY SPREADING.
- C. APPLICATION RATES: APPLY AT THE RATE RECOMMENDED BY THE MANUFACTURER.
- D. DO NOT APPLY WITHIN 30 FEET OF BODY OF WATER (I.E. LAKE, RIVER, STORMWATER POND).

3.06 DITCH EROSION CONTROL

- A. THE FOLLOWING EROSION CONTROL MEASURES ARE MINIMUM REQUIREMENTS FOR ALL DITCHES. THE DRAWINGS MAY INCLUDE MORE SPECIFIC MEASURES.

DITCH EROSION CONTROL		
SLOPE RANGE	METHOD	BALE CHECKS
0 - 1%	SEED AND MULCH	NONE
1% - 4%	SEED AND MULCH WITH EROSION MAT	1% - 2% EVERY 200' 2% - 4% EVERY 100'
4% - 6%	STAKED SOD	EVERY 75'
>6%	STAKED SOD AND/OR RIPRAP AS SPECIFIED BY ENGINEER ON DRAWINGS	EVERY 75' FOR SOD

- B. STONE DITCH CHECKS: UNLESS OTHERWISE INDICATED ON THE DRAWINGS, INSTALL STONE DITCH CHECKS AT INTERVALS OF ONE DITCH CHECK FOR EVERY TWO FEET OF DROP IN CHANNEL GRADE.

3.07 INSTALLATION OF SOD IN DITCHES

- A. LAY SOD SO THAT JOINTS OF ABUTTING ENDS OF STRIPS ARE NOT CONTINUOUS. LAY EACH STRIP SNUGLY AGAINST PREVIOUSLY LAID STRIPS.
- B. ROLL OR FIRMLY TAMP SOD TO PRESS THE SOD INTO THE UNDERLYING SOIL.
- C. TURN THE UPPER EDGES OF THE STRIPS INTO THE SOIL.
- D. STAKE STRIPS ALONG THE LONGITUDINAL AXIS AT 18-INCH INTERVALS AND NEAR THE TOP EDGE OF THE STRIP. PROVIDE WOOD LATH OR SIMILAR STAKES, 12 INCHES LONG. LEAVE TOP OF STAKE APPROXIMATELY 1/2 INCH ABOVE SOD SURFACE.

3.08 INSTALLATION OF OTHER FACILITIES

- A. INLET PROTECTION BARRIERS, CHANNEL STABILIZATION, GRASSED WATERWAYS, ROCK LINED WATERWAYS, SEDIMENTS TRAPS, SEDIMENT BASINS, AND OTHER FORMS OF EROSION CONTROL MEASURES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS.

3.09 MAINTENANCE

- A. INSPECT DIVERSIONS WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PERIODS OF PROLONGED RAINFALL UNTIL THE VEGETATIVE COVER IS STABILIZED. MAKE NECESSARY REPAIRS IMMEDIATELY.
- B. INSPECT FILTER FABRIC FENCES AND BARRIERS WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PERIODS OF PROLONGED RAINFALL. NECESSARY REPAIRS OR REPLACEMENT SHALL BE MADE IMMEDIATELY. REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS REACH ONE-HALF THE HEIGHT OF THE FENCE. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR REPLACING FABRIC DUE TO WEATHERING.
- C. INSPECT STRAW BALE FENCES AND BARRIERS WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PERIODS OF PROLONGED RAINFALL. NECESSARY REPAIRS OR REPLACEMENT SHALL BE MADE IMMEDIATELY. REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS REACH ONE-THIRD THE HEIGHT OF THE BALES. REPLACE BALES AFTER THREE MONTHS.
- D. INSPECT ALL SEEDING, SOD, MULCHES, MATS AND NETS WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PERIODS OF PROLONGED RAINFALL. ADDITIONAL MULCH, NETTING OR MATING SHALL BE APPLIED IMMEDIATELY WHEN NECESSARY TO MAINTAIN SUITABLE COVERAGE. MAKE INSPECTIONS UNTIL VEGETATIVE COVER IS ESTABLISHED. WATER SEEDING AND SOD WHEN NECESSARY TO PROMOTE ESTABLISHMENT.
- E. ALL OTHER SOIL EROSION CONTROL MEASURES SHOULD BE INSPECTED AND REPAIRED IMMEDIATELY, IF REQUIRED, WITHIN 24 HOURS AFTER STORM EVENT OR DAILY DURING PERIODS OF PROLONGED RAINFALL.

3.10 REMOVAL

- A. AFTER FINAL VEGETATION IS ESTABLISHED, REMOVE BALES, SILT FENCES, DITCH CHECKS, DIVERSIONS, AND OTHER EROSION CONTROL FACILITIES. RESTORE AREAS DISTURBED BY THE REMOVALS.

3.11 MONITORING FOR WPDES PERMIT


- A. UNLESS INDICATED OTHERWISE WITHIN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MONITORING REQUIREMENTS OF THE WPDES PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- B. EROSION AND SEDIMENT CONTROLS SHALL BE ROUTINELY INSPECTED AT LEAST EVERY SEVEN DAYS, AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OF 0.5 INCHES OR GREATER. WEEKLY WRITTEN REPORTS OF ALL INSPECTIONS SHALL BE MAINTAINED AND SUBMITTED TO THE ENGINEER. THE REPORTS SHALL CONTAIN THE FOLLOWING INFORMATION:
- DATE, TIME, AND EXACT PLACE OF INSPECTION.
 - NAME(S) OF INDIVIDUAL(S) PERFORMING INSPECTION.
 - AN ASSESSMENT OF THE CONDITION OF EROSION AND SEDIMENT CONTROLS.
 - A DESCRIPTION OF ANY EROSION AND SEDIMENT CONTROL IMPLEMENTATION AND MAINTENANCE PERFORMED.
 - A DESCRIPTION OF THE SITES PRESENT PHASE OF CONSTRUCTION.
- C. THE ENGINEER WILL PROVIDE THE CONTRACTOR WITH THE APPROPRIATE DNR FORM TO USE FOR THE INSPECTIONS.

Mar 26, 2008 1:\2005\LOD 1205-225D\Plan Set 3-26-08\C5.1-EC-DT-1205-225D-0.dwg

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REVISIONS	NO.	BY	DATE

EROSION CONTROL SPECIFICATIONS
County Club Infill
Cherokee Park, Inc.
 City of Madison
 Dane County, WI

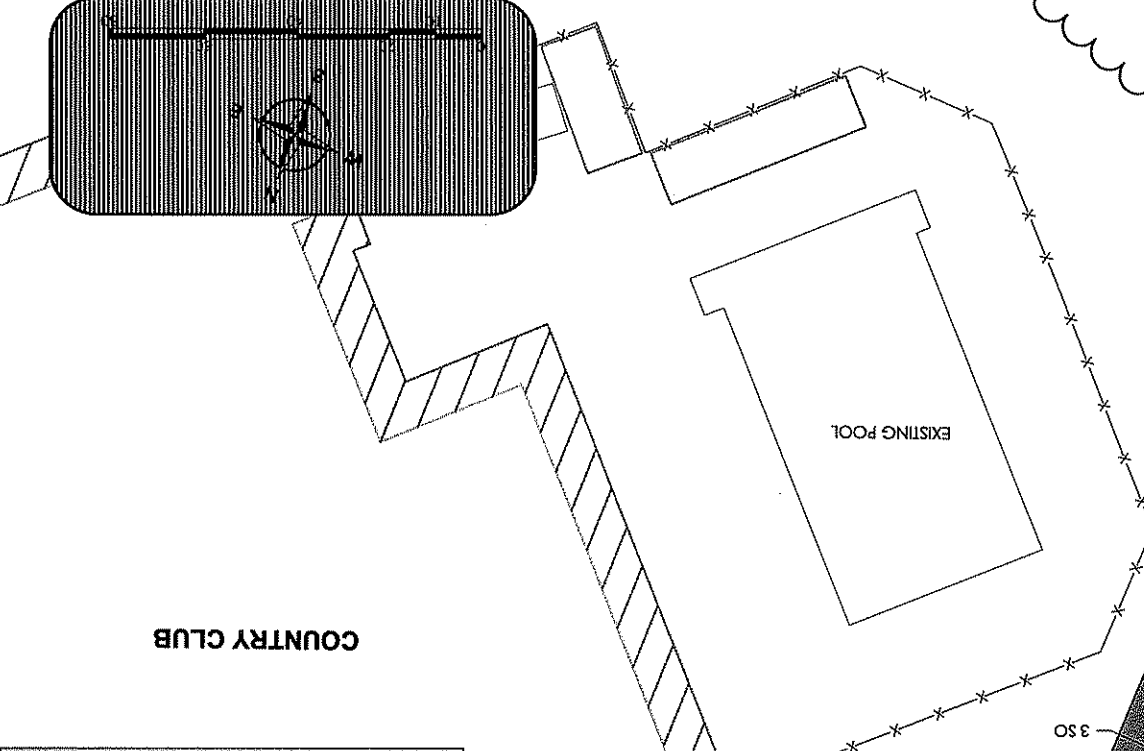
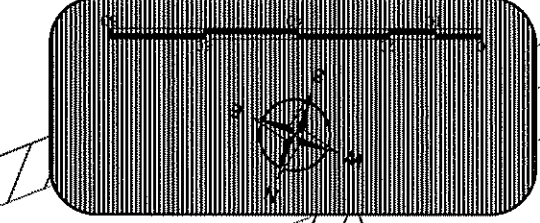
 GENERAL ENGINEERING COMPANY	816 Silver Lake Drive P.O. Box 340 Portage, WI 53901 608-742-2169 608-742-2162 Fax gso@generalengineering.net
	DATE 3-26-08 BY SJA DEC FILE NO. 1205-225D
SHEET TITLE <h1 style="text-align: center;">C5.1</h1>	

GENERAL ENGINEERING COMPANY
 P.O. Box 340
 Portage, WI 53901
 608-742-2188 Fax
 608-742-2522 Fpk
 genc@generaleng.com
 DATE 3-26-08
 BY SRR
 SHEET TITLE
 REG FILE NO. 1205-2250
C6.0

PROPOSED LANDSCAPE PLAN
Country Club Infill
 Cherokee Park, Inc.
 Dane County, WI

NO.	BY	DATE	REVISIONS

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- NOTES:**
1. BUILDING DOWN SPOUTS SHALL BE CONVEYED TO RAIN GARDEN & DETENTION AREA TO THE SOUTH.
 2. GARAGE DOWN SPOUT SHALL BE CONVEYED TO RAIN GARDENS TO THE SOUTH.
 3. AN ENGINEER SHALL BE PRESENT AT ALL TIMES DURING THE FINAL GRADING AND INSTALLATION OF PLANTS TO THE PROPOSED RAINGARDENS.

RAIN GARDEN & NATIVE VEGETATION PLANTING SCHEDULE
 RAIN GARDEN AREAS SHALL BE PLANTED WITH THE FOLLOWING KITS PROVIDED FROM AGRECOL. 50% SHORT STATURE KIT OR AS APPROVED BY ENGINEER.
 50% RAIN GARDEN RENEWAL KIT OR AS APPROVED BY ENGINEER.
 NATIVE VEGETATION BUFFERS SHALL BE PLANTED WITH SHORT STATURE KIT FROM AGRECOL ON 1-FOOT CENTERS OR AS APPROVED BY ENGINEER.

PLANTS TO BE USED LIST
COUNTRY CLUB INFILL

KEY COMMON NAME (BOTANICAL NAME)	SIZE
BB BURNING BUSH (Eunonymus atropurpureus)	5'-6" ht.
BN BLADDERNUT (Staphylea trifolia)	5'-6" ht.
FH FALSE HEATHER (Hudsonia tomentosa)	15'-18"
IB INDIGO BUSH (Amorpha fruticosa)	4'-5" ht.
NJ NEW JERSEY TEA (Ceanothus americanus)	15'-18"
RB RIVER BIRCH (Betula nigra)	10'-12" ht.
SC SHRUBBY CINQUEFOIL (Potentilla fruticosa)	15'-18"
SO SWAMP WHITE OAK (Quercus macrocarpa)	2.5' cal.
WH WITCH HAZEL (Hamamelis virginiana)	5'-6" ht.

ALL PLANTS ARE NATIVE TO DANE COUNTY ACCORDING TO THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS).
RAIN GARDEN & NATIVE VEGETATION PLANTING SCHEDULE
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 50% RAIN GARDEN RENEWAL KIT OR AS APPROVED BY ENGINEER.
 NATIVE VEGETATION BUFFERS SHALL BE PLANTED WITH SHORT STATURE KIT FROM AGRECOL ON 1-FOOT CENTERS OR AS APPROVED BY ENGINEER.

