

LEGAL DESCRIPTION  
PER COMMITMENT FILE NO. 838688

Lot 2 and Outlot 2 of Certified Survey Map No. 10537, recorded April 21, 2008 in Volume 101 of Certified Survey Maps on Pages 1 to 4 as Document No. 3564927, being a redivision of Outlot 1 and Outlot 2 of Certified Survey Map No. 10535, being a part of the Northwest 1/4 and the Northeast 1/4 of the Southwest 1/4 of Section 12, Township 6 North, Range 19 East, in the City of Waukesha, County of Waukesha, State of Wisconsin. EXCEPTING those lands conveyed by a Quit Claim Deed recorded October 15, 2008 as Document No. 3604407 and those lands conveyed by a Quit Claim Deed recorded October 16, 2008 as Document No. 3604614.

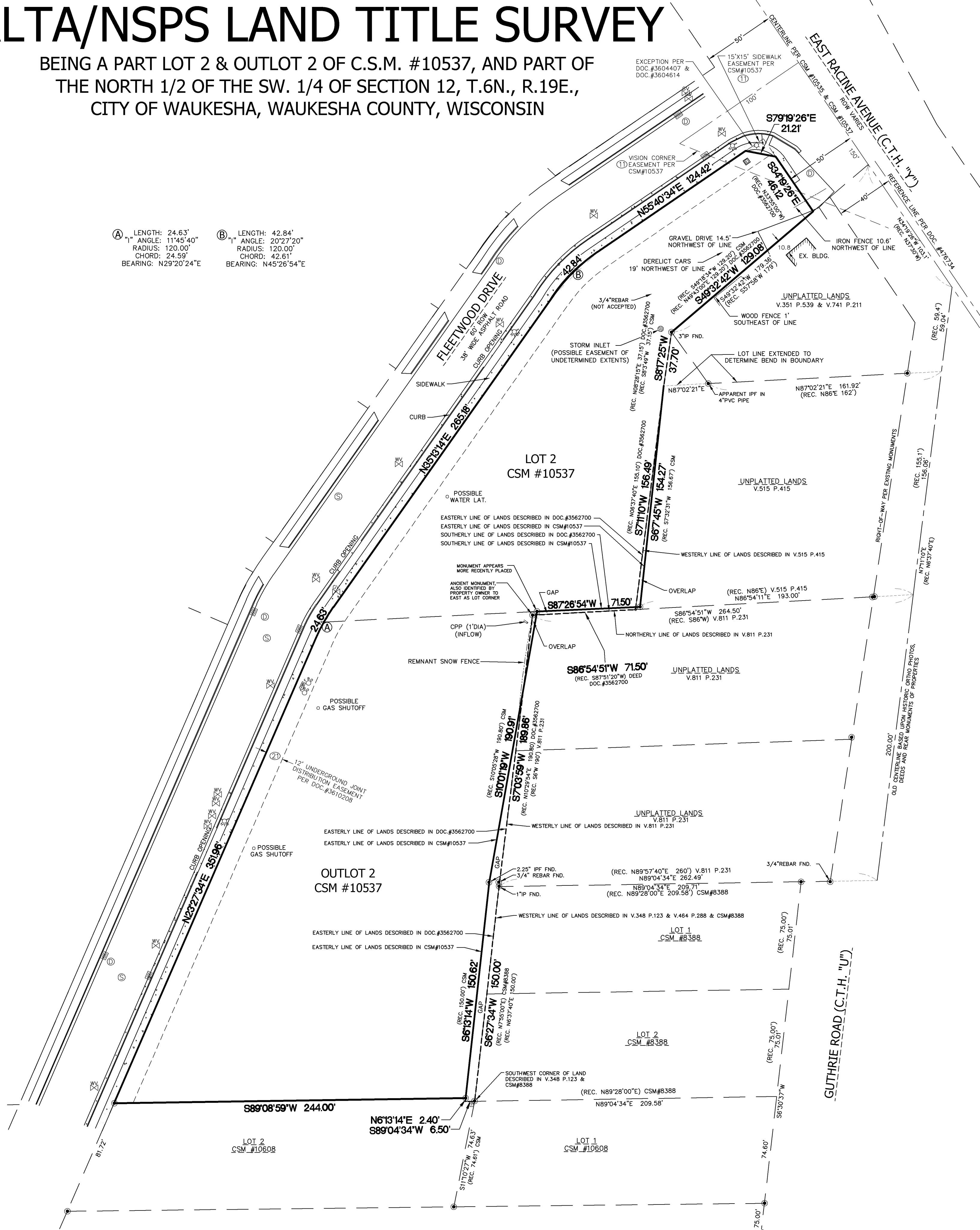
EXCEPTIONS:  
PER COMMITMENT FILE NO. 838688

- 10. Public or private rights, if any, in such portion of the subject premises as may be presently used, laid out, or dedicated in any manner whatsoever, for street, highway and/or alley purposes. (NOT SHOWN. LOCATION, IF ANY, CANNOT BE DETERMINED)
  - 11. Easements, Restrictions and other matters shown on Certified Survey Map No. 10537 recorded April 21, 2008 as Document No. 3564927. (SHOWN-VISION TRIANGLE & SIDEWALK EASEMENT) (NOT SHOWN-TEMP. SLOPE EASEMENT APPEARS RELEASED OR OTHERWISE TERMINATED DUE TO SIDEWALK INSTALLED) (NOT SHOWN-TEMP. CUL-DE-SAC EASEMENT APPEARS RELEASED OR OTHERWISE TERMINATED DUE TO ROAD BEING EXTENDED)
  - 12. Access limitations and other matters contained in the instrument recorded as Document No. 574104. (NOT SHOWN-BLANKET RESTRICTIONS FOR LANDS ALONG S.T.H. "164" & "59")
  - 13. Easement and other matters contained in the instrument recorded September 18, 1945 as Document No. 277584. (NOT SHOWN-NOT ON OR TOUCH PROPERTY.)
  - 14. Easement and other matters contained in the instrument recorded June 3, 1950 as Document No. 338306. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY. EASEMENT AND PROPERTY DESCRIBED ARE IN AND ALONG THE RIGHT-OF-WAY OF S.T.H. "164" & "59")
  - 15. Easement and other matters contained in the instrument recorded January 14, 1983 as Document No. 1201883. (NOT SHOWN-NOT ON OR TOUCH PROPERTY.)
  - 16. Covenants, conditions, restrictions and other matters contained in the Instrument recorded as Document No. 537523, but omitting any such covenant, condition or restriction based on race, color, religion, sex, handicap, familial status or national origin, unless and only to the extent that said covenant (a) is exempt under Chapter 42, Section 3607 of the United States Code, or (b) relates to handicap but does not discriminate against handicapped persons. (NOT SHOWN-APPEARS RELEASED OR OTHERWISE TERMINATED. CONDITIONAL USE FOR A FOUNDARY THAT NO LONGER EXISTS IN THEN TOWN OF WAUKESHA)
  - 17. Easement and other matters contained in the instrument recorded May 4, 1988 as Document No. 1477579. (NOT SHOWN-NOT ON OR TOUCH PROPERTY.)
  - 18. NOTICE: County Highway Width Ordinance filed April 18, 1957 as No. 1. (NOT SHOWN-DOCUMENTS PROVIDED ARE ILLEGIBLE. BLACK/WHITE DOCUMENT IS COLOR CODED.)
  - 19. Declaration of Covenants and Restrictions and other matters contained in the instrument recorded October 15, 2008 as Document No. 3604405. (NOT SHOWN-BLANKET DESCRIPTION.)
- Affidavit of Correction recorded November 13, 2008 as Document No. 3610209. (NOT SHOWN-BLANKET DESCRIPTION.)
- Amendment to Declaration of Covenants and Restrictions recorded May 17, 2010 as Document No. 3744678. (NOT SHOWN-BLANKET DESCRIPTION.)
- 20. Storm Water Management Practice Maintenance Agreement and other matters contained in the instrument recorded October 23, 2008 as Document No. 3605974. (NOT SHOWN-BLANKET DESCRIPTION PER EXHIBIT A.) (NOT SHOWN-NOT ON OR TOUCH PROPERTY PER EXHIBIT B, OUTLOT 1 AND LOT 1 OF CSM#10537.)
  - 21. Distribution Easement Underground Joint and other matters contained in the instrument recorded November 13, 2008 as Document No. 3610208. (SHOWN)
  - 22. Distribution Easement Underground and other matters contained in the instrument recorded July 15, 2009 as Document No. 3677982. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY)
  - 23. Developer's Agreement Bryce Commercial Center and other matters contained in the instrument recorded April 4, 2012 as Document No. 3906808. (NOT SHOWN-BLANKET DESCRIPTION.)
  - 24. AT&T - Wisconsin Exclusive Easement and other matters contained in the instrument recorded December 1, 2008 as Document No. 3612673. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY)
  - 25. Easement Agreement and other matters contained in the instrument recorded May 20, 2009 as Document No. 3658720. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY)
- Memorandum of Assignment of Easements and other matters contained in the instrument recorded February 24, 2016 as Document No. 4192835. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY)
- 26. Distribution Easement Underground and other matters contained in the instrument recorded June 30, 2009 as Document No. 3673422. (NOT SHOWN-NOT ON AND DOES NOT TOUCH PROPERTY)

# ALTA/NSPS LAND TITLE SURVEY

BEING A PART LOT 2 & OUTLOT 2 OF C.S.M. #10537, AND PART OF THE NORTH 1/2 OF THE SW. 1/4 OF SECTION 12, T.6N., R.19E., CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN

- A LENGTH: 24.63' 1" ANGLE: 114°5'40" RADIUS: 120.00' CHORD: 24.59' BEARING: N29°20'24"E
- B LENGTH: 42.84' 1" ANGLE: 20°27'20" RADIUS: 120.00' CHORD: 42.61' BEARING: N45°26'54"E



### LEGEND

- - 1" IRON PIPE FOUND (UNLESS OTHERWISE STATED)
- (SXXX'XXX'W) (XXX.XX) - RECORDED AS
- BACK OF CURB
- ⊙ - INLET
- ⊕ - UTILITY POLE
- ☆ - LIGHT POLE
- ⊠ - TELE BOX
- ⊞ - ELECTRIC BOX
- ⊚ - SANITARY MANHOLE
- ⊛ - DRAINAGE MANHOLE
- ⊘ - GAS VALVE
- ⊙ - WATER VALVE
- ⊙ - HYDRANT
- ⊙ - ANNOTATION
- - CONCRETE

# ATLAS SURVEY

2826 SAINT ANDREWS COURT  
WAUKESHA, WI 53188  
(262) 901-5256  
WWW.ATLASSURVEYWI.COM  
INFO@ATLASSURVEYWI.COM

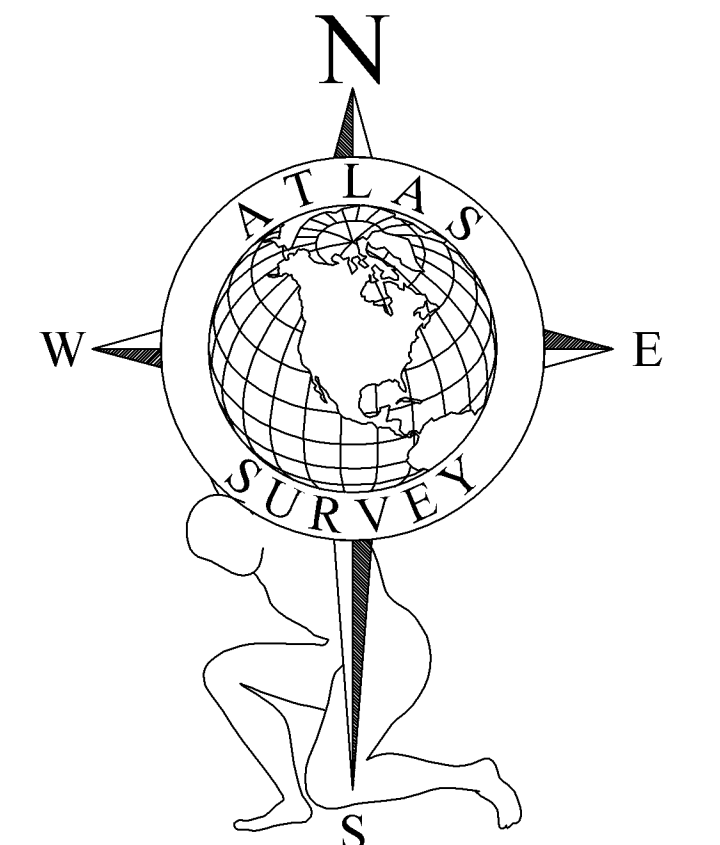
**SURVEYOR:**  
BRYCE KACZOR, PLS S-2803  
**SURVEY FOR:**  
MAD DOG PROPERTIES LLC  
1177 QUAIL COURT, SUITE 100  
PEWAUKEE, WI 53072  
414-719-2769

**PROPERTY:**  
FLEETWOOD DRIVE  
WAUKESHA, WI 53186

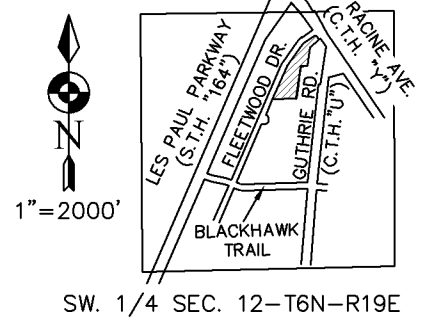
SCALE: 1" = 40'



BEARINGS ARE REFERENCED TO NAD27, WISCONSIN STATE PLANE, SOUTH ZONE, GRID NORTH ON THE WEST LINE OF THE SW 1/4 OF SECTION 12-6-19 AS S02°3'29"E.



### LOCATION MAP



### NOTES:

1. EASEMENT LOCATIONS BASED ON INFORMATION FURNISHED BY KNIGHT BARRY TITLE, INC., TITLE POLICY FILE NO. 838688, DATED 1/19/17.
2. THE SURVEYOR TAKES NO RESPONSIBILITY FOR ANY UNDERGROUND STRUCTURES OR BURIED MATERIALS SUCH AS FOUNDATIONS, WELLS, SEPTIC, HOLDING TANKS, UTILITIES, HAZARDOUS MATERIALS, OR ANY OTHER ITEMS OF WHICH NO EVIDENCE CAN BE FOUND ON THE SURFACE BY A VISUAL INSPECTION. THE SURVEYOR WILL NOT ENTER ANY BUILDINGS ON OR OFF SITE.
3. THE FIELD WORK WAS COMPLETED ON NOV. 7, 2016.
4. NO BUILDINGS ON SITE.

### SURVEYORS NOTES:

1. DEEDED AND MONUMENTED OVERLAPS AND GAPS HAVE BEEN FOUND BETWEEN CSM #10537 AND PROPERTIES TO EAST.
2. THE CURRENT LEGAL DESCRIPTION OF THIS PROPERTY'S EASTERLY BOUNDARY LINE DESCRIBED PER DOC. #3562700.
3. THE OLD LEGAL DESCRIPTION OF THIS PROPERTY'S EASTERLY BOUNDARY LINE DESCRIBED IN DOC. #3562700, HAS NO GAPS OR OVERLAPS WITH THE PROPERTIES TO THE EAST. THE PROPERTY'S OLD BOUNDARY LINE PER DOC. #3562700 CALLS OUT THE EASTERLY PROPERTIES' BOUNDARY.
4. IT IS THE OPINION OF THIS SURVEYOR THAT THE DEEDED AND MONUMENTED GAPS AND OVERLAPS SHOULD BE RESOLVED BY QUIT-CLAIM DEEDS OR OTHER ACCEPTABLE METHODS TO RESOLVE THE EASTERLY BOUNDARY. THIS IS DUE TO THAT THE CSM BOUNDARY HAS CHANGED OWNERS AND SAID BOUNDARY GAPS AND OVERLAPS ARE BOTH DEEDED AND MONUMENTED. THUS A SURVEY MAY BE INADEQUATE TO PERMANENTLY RESOLVE SAID GAPS AND OVERLAPS.

### WAIVER:

IN ACCORDANCE WITH AE 7.01(2)(a) OF WISCONSIN ADMINISTRATIVE CODE, THE MISSING LOT CORNER MONUMENTS WERE NOT RESET AT THIS TIME AS AGREED BY PROFESSIONAL LAND SURVEYOR AND CLIENT.

MARK AUGUSTINE, MEMBER OF MAD DOG PROPERTIES LLC DATE 31 JAN 2017

TO: MAD DOG PROPERTIES LLC  
FIRST FEDERAL BANK OF WISCONSIN  
KNIGHT BARRY TITLE, INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES NO TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON NOVEMBER 7, 2016.

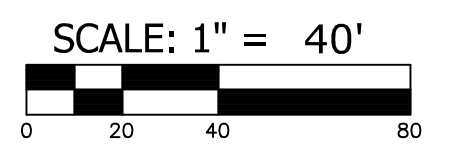
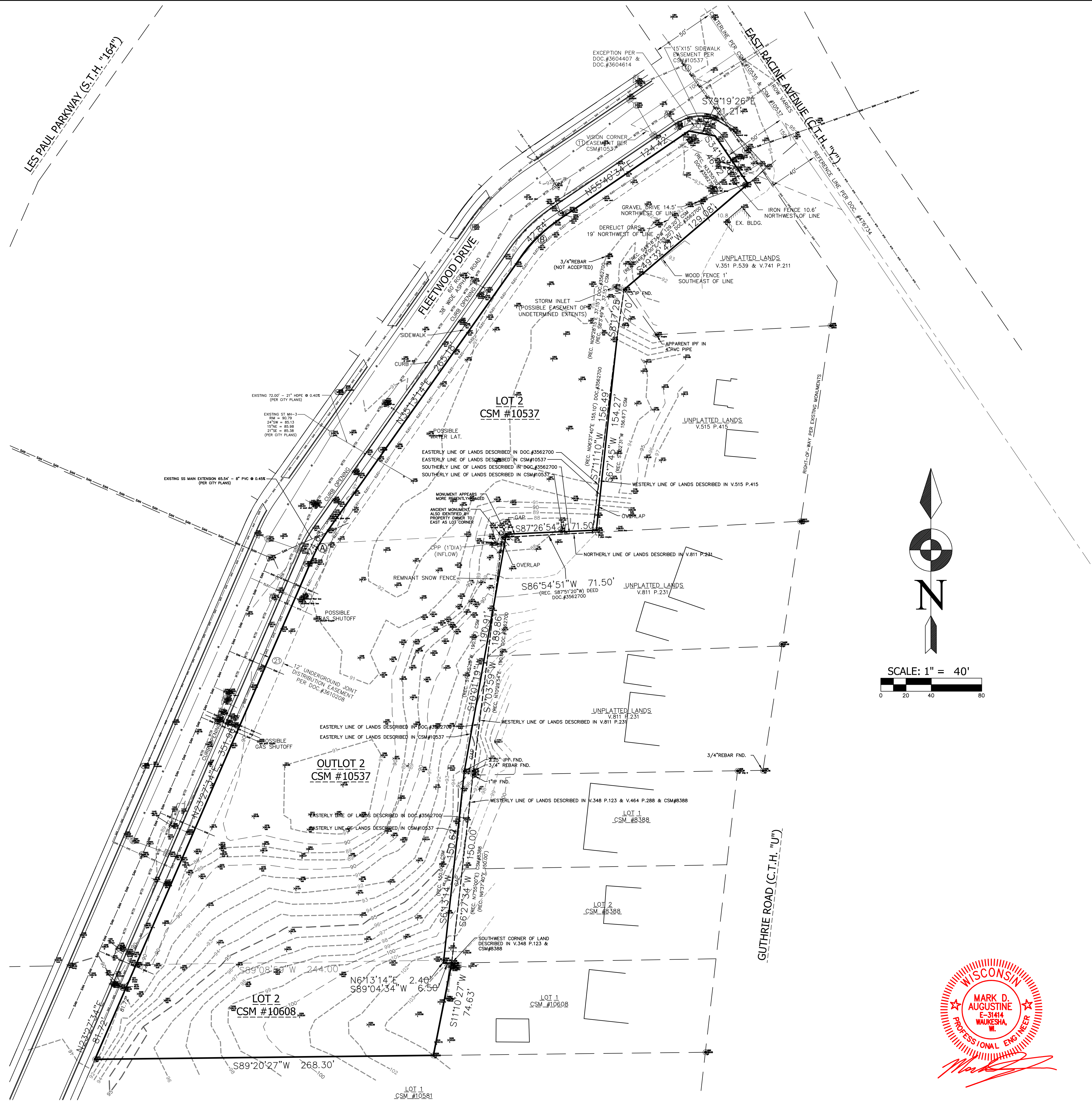
DATED THIS 9TH DAY OF FEBRUARY 2017.

Bryce Kaczor  
SURVEYOR'S NAME, PLS 2803



**LEGEND**

- - 1" IRON PIPE FOUND
- - 2" IRON PIPE FOUND
- (NXXXXXX"E)  
(XXXXXX"E) - RECORDED AS
- ⊗ - STORM INLET
- ⊠ - UTILITY BOX
- ▭ - CONCRETE
- ⊕ - EXISTING SPOT GRADE
- - - - EXISTING CONTOUR
- - - - WATER
- - - - SANITARY SEWER
- - - - STORM SEWER
- - - - TELECOMMUNICATIONS
- - - - GAS
- - - - ELECTRIC
- - - - OVERHEAD UTILITIES
- ⊕ - WATER VALVE
- ⊕ - HYDRANT
- ⊕ - GAS SHUTOFF VALVE
- - - - EROSION CONTROL BARRIER
- Ⓢ - ANNOTATION



**LAND MARK**  
**ENGINEERING SCIENCES, INC.**  
 119 COOLIDGE AVE., SUITE 100, WAUKESHA, WI 53186  
 PHONE: 414-719-2769

**MAD DOG PROPERTIES, LLC**  
 900 & 1000 BLOCK OF FLEETFOOT DRIVE  
 WAUKESHA, WI 53186  
**BASE MAP**

PROJECT #	2404.05
DATE	19 FEB 2017
DRAWN BY	MA
DESIGNED BY	MA
REVISIONS	11 MAY 2017
SHEET NUMBER	

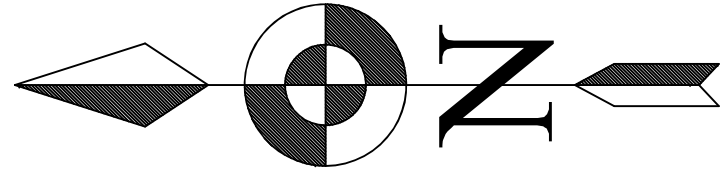
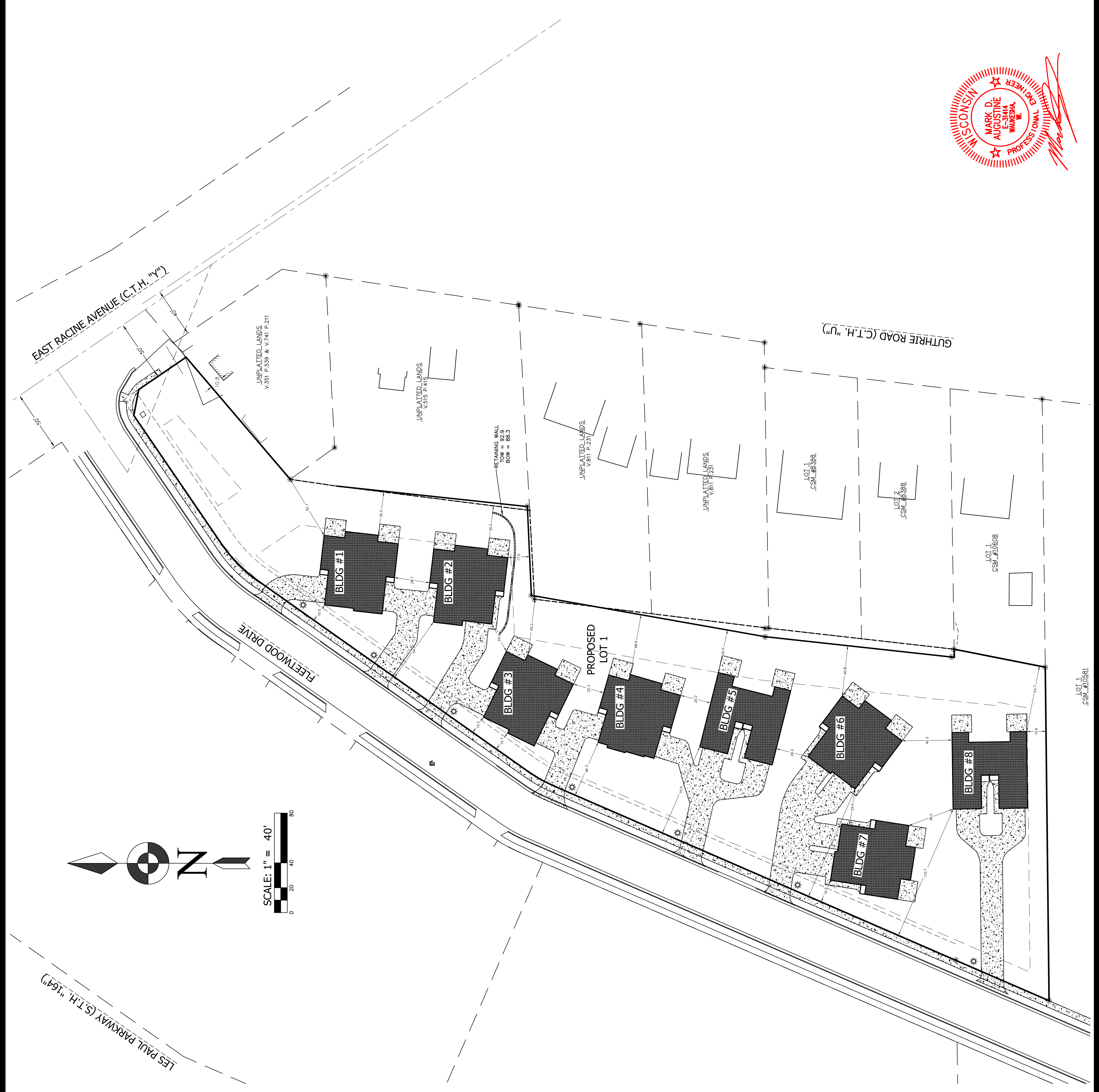
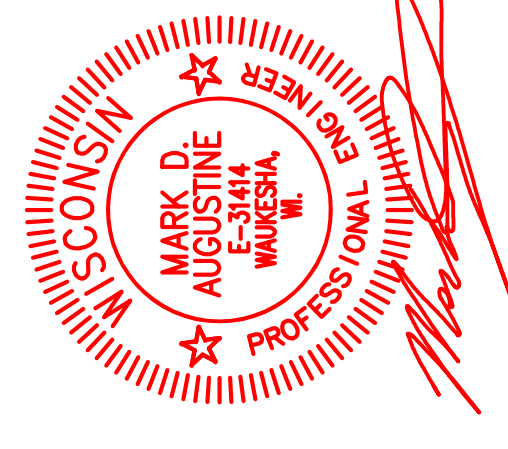
**C-1**  
 OF 5 SHEETS

PROJECT #	2404.05
DATE	19 FEB 2017
DRAWN BY	MA
DESIGNED BY	MA
REVISIONS	11 MAY 2017

SHEET NUMBER

C-2

OF 5 SHEETS



SCALE: 1" = 40'

**LEGEND**

- 1" IRON PIPE FOUND
- 2" IRON PIPE FOUND
- (XXXXXX) RECORDED AS
- ⊖ STORM INLET
- ⊖ UTILITY BOX
- ▣ CONCRETE
- EXISTING SPOT GRADE
- EXISTING CONTOUR
- WATER
- SANITARY SEWER
- STORM SEWER
- TELECOMMUNICATIONS
- GAS
- ELECTRIC
- OVERHEAD UTILITIES
- WATER VALVE
- HYDRANT
- GAS SHUTOFF VALVE
- EROSION CONTROL BARRIER
- ⊙ ANNOTATION
- ★ LAMP POST

**NOTES:**

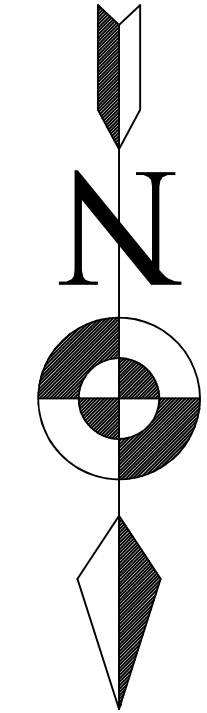
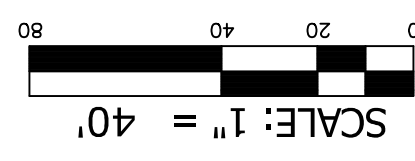
1. MINIMUM SEPARATION BETWEEN PROPOSED BUILDINGS IS 25.0'.
2. ALL LOTS TO BE RE-ZONED TO RD-2.
3. OVERLAPPING PLANNED UNIT DEVELOPMENT (P.U.D.) MINIMUM SETBACK REQUIREMENTS ARE AS FOLLOWS:  
15.0' RIGHT-OF-WAY  
15.0' SIDE YARD  
35.0' REAR YARD



**MAD DOG PROPERTIES, LLC**  
 900 & 1000 BLOCK OF FLEETFOOT DRIVE  
 WAUKESHA, WI 53186

**GRADING & EROSION CONTROL**

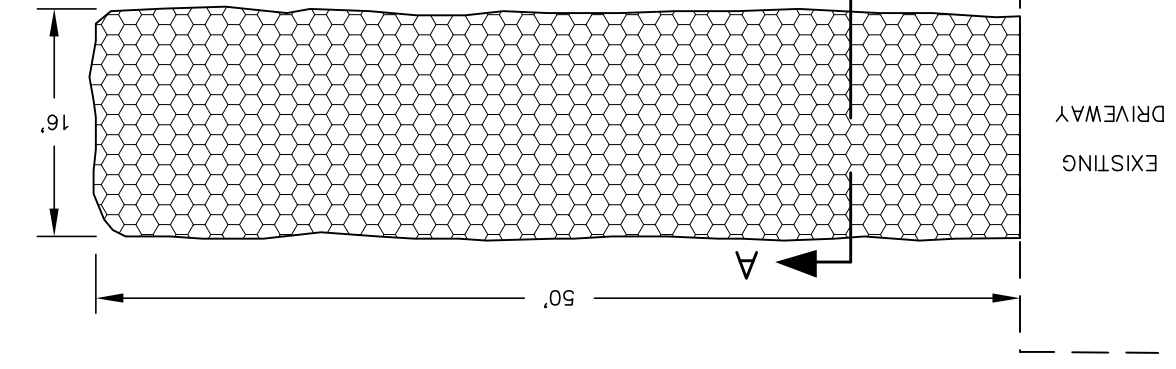
**LAND MARK**  
**ENGINEERING SCIENCES, INC.**  
 119 COOLIDGE AVE., SUITE 100, WAUKESHA, WI 53186  
 PHONE: 414-719-2769



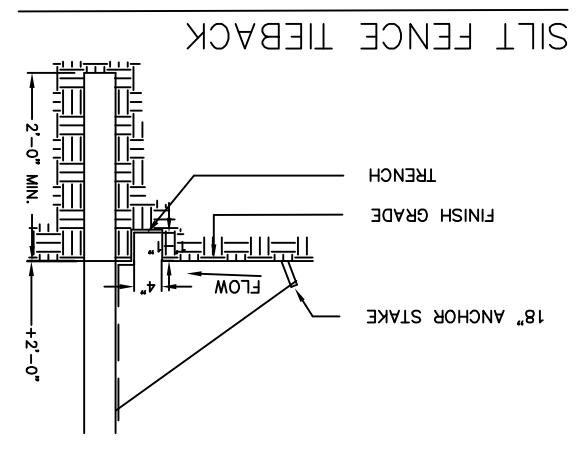
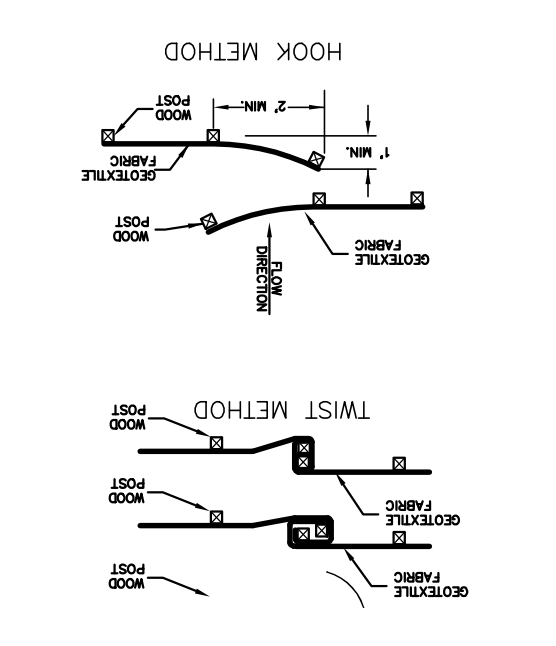
THE INFORMATION SHOWN ON THIS DRAWING CONCERNING THE LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE FOR ALL UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES AS NECESSARY TO AVOID DAMAGE THEREOF.

DATE: 02-19-2017  
 1-800-242-9011  
 1000 EAST WISCONSIN AVE.  
 WAUKESHA, WI 53186

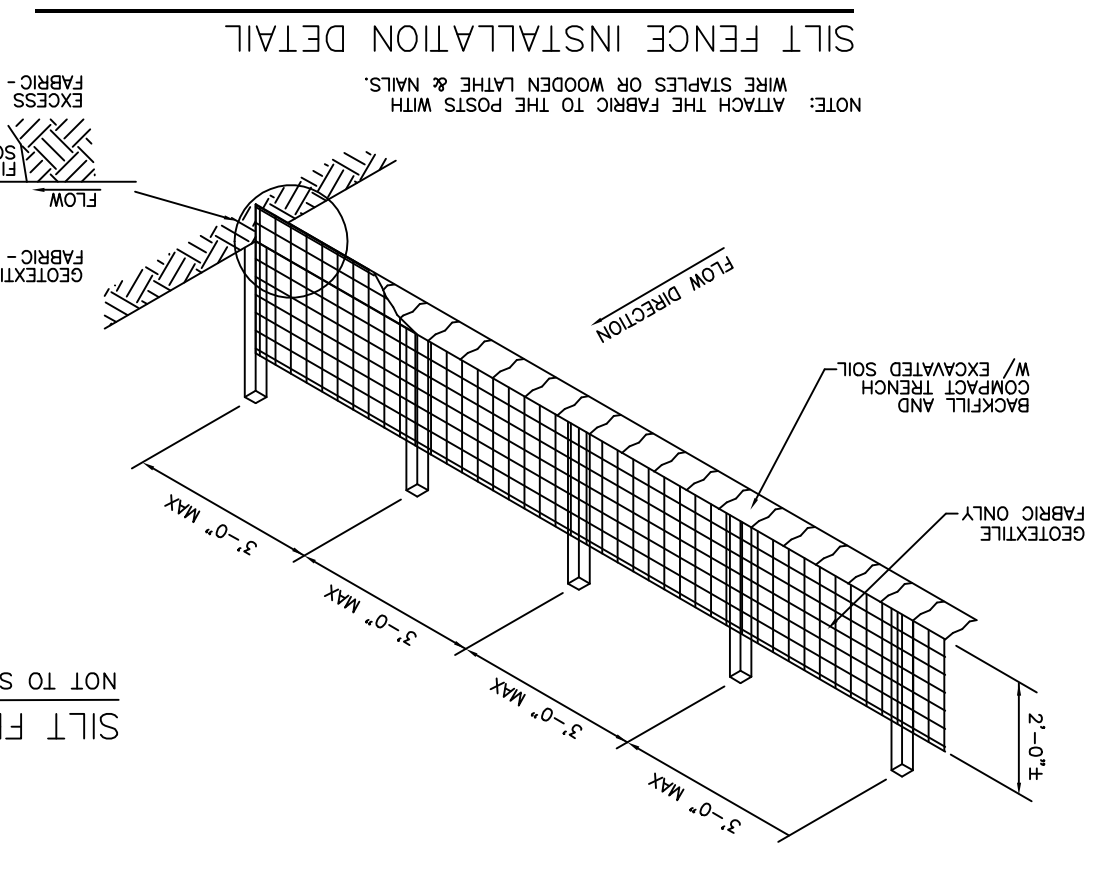
- LEGEND**
- 1" IRON PIPE FOUND
  - 2" IRON PIPE FOUND
  - ⊗ RECORDED AS (XXX) (XXX)
  - UTILTY BOX
  - ▣ EXISTING SPOT GRADE
  - ▤ CONCRETE
  - ▥ EXISTING CONTOUR
  - ▧ WATER
  - ▨ SANITARY SEWER
  - ▩ STORM SEWER
  - TELECOMMUNICATIONS
  - GAS
  - ▬ OVERHEAD UTILITIES
  - ▭ HYDRANT
  - ▮ WATER VALVE
  - ▯ GAS SHUTOFF VALVE
  - ▰ EROSION CONTROL BARRIER
  - ⊕ ANNOTATION



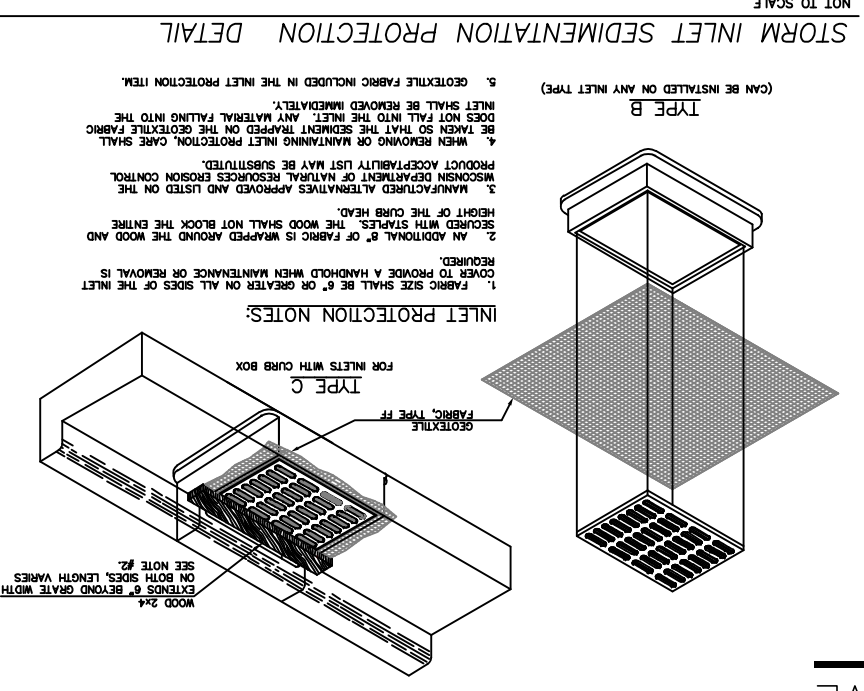
**TEMPORARY GRAVEL TRACKING DRIVE**



**SILT FENCE TIEBACK**



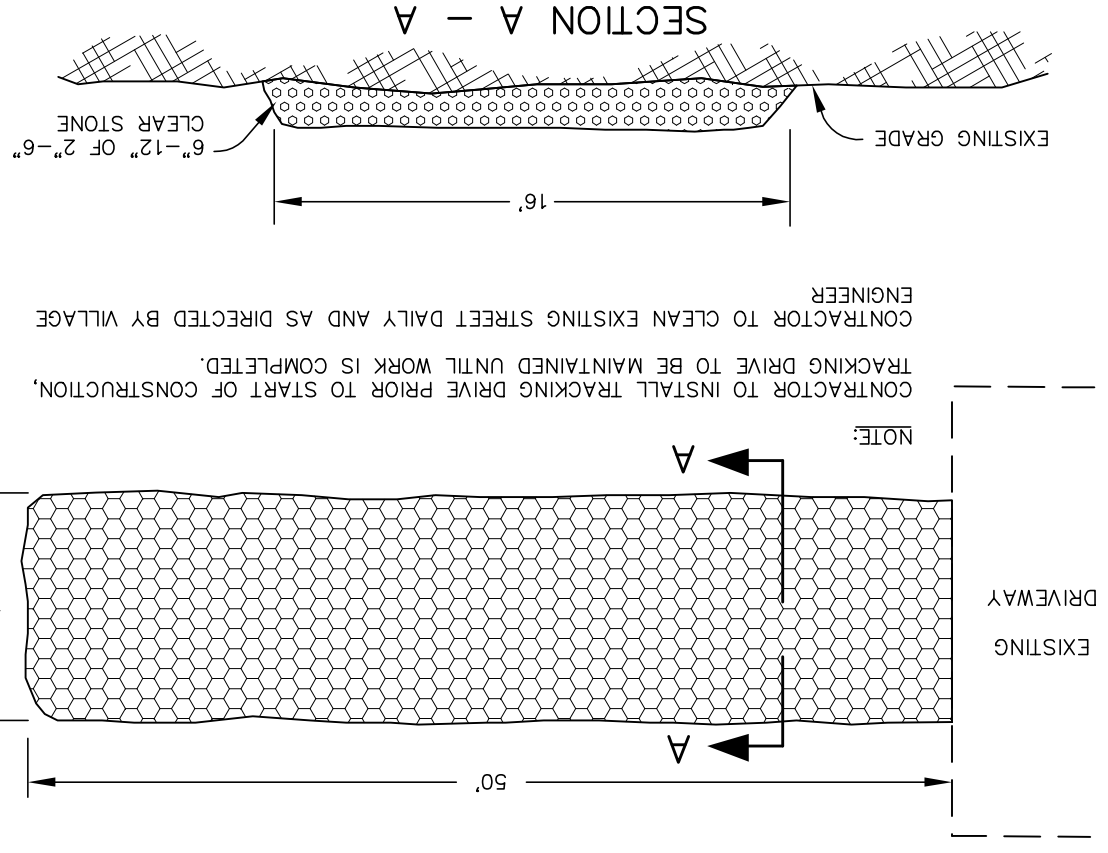
**SILT FENCE INSTALLATION DETAIL**



**STORM INLET SEDIMENTATION PROTECTION DETAIL**

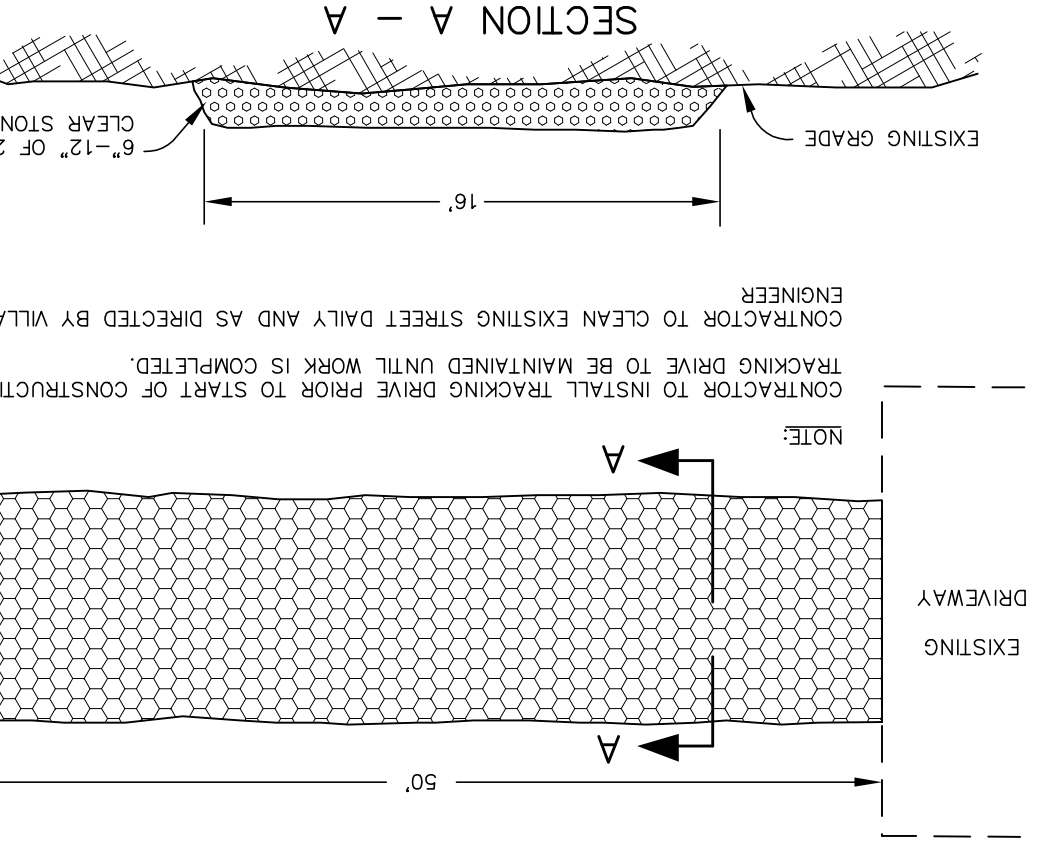
NOTE: THE INFORMATION SHOWN ON THIS DRAWING CONCERNING THE LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE FOR ALL UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES AS NECESSARY TO AVOID DAMAGE THEREOF.

**TEMPORARY GRAVEL TRACKING DRIVE**



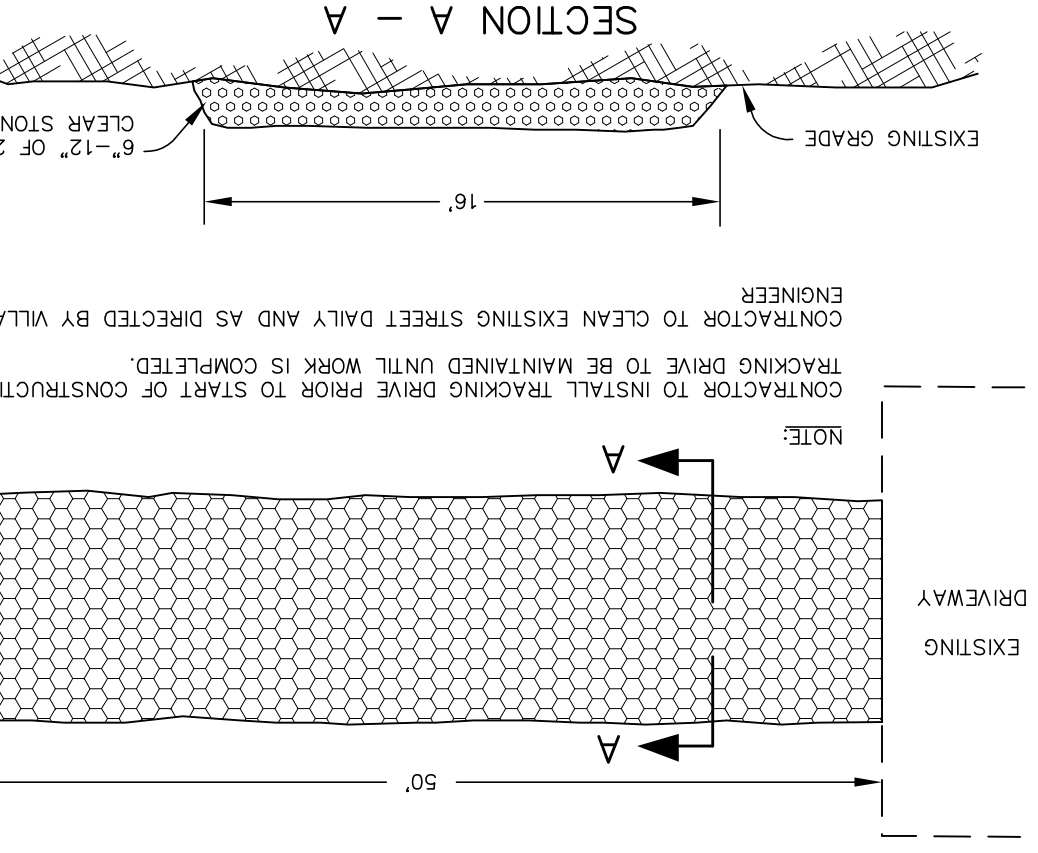
NOTE:  
 CONTRACTOR TO INSTALL TRACKING DRIVE PRIOR TO START OF CONSTRUCTION.  
 TRACKING DRIVE TO BE MAINTAINED UNTIL WORK IS COMPLETED.  
 CONTRACTOR TO CLEAN EXISTING STREET DAILY AND AS DIRECTED BY VILLAGE ENGINEER.

**TEMPORARY GRAVEL TRACKING DRIVE**



NOTE:  
 CONTRACTOR TO INSTALL TRACKING DRIVE PRIOR TO START OF CONSTRUCTION.  
 TRACKING DRIVE TO BE MAINTAINED UNTIL WORK IS COMPLETED.  
 CONTRACTOR TO CLEAN EXISTING STREET DAILY AND AS DIRECTED BY VILLAGE ENGINEER.

**TEMPORARY GRAVEL TRACKING DRIVE**



NOTE:  
 CONTRACTOR TO INSTALL TRACKING DRIVE PRIOR TO START OF CONSTRUCTION.  
 TRACKING DRIVE TO BE MAINTAINED UNTIL WORK IS COMPLETED.  
 CONTRACTOR TO CLEAN EXISTING STREET DAILY AND AS DIRECTED BY VILLAGE ENGINEER.

GENERAL GRADING NOTES:

- CUT AND FILL SLOPES WILL BE 3:1 MAXIMUM, UNLESS OTHERWISE NOTED.
  - STABILIZE ALL DISTURBED AREAS W/POLYACAMIDE COMING FOR WINTER STABILIZATION AFTER OCTOBER 15TH. DEADLINES FOR SEEDING ARE:  
SEPTEMBER 15 - COOL GRASS SEEDING.  
OCTOBER 15 - TEMPORARY SEEDING.  
NOVEMBER 15 - DORMANT SEEDING.
  - TEMPORARY SEEDING TO CONFORM WITH SECTION 630.21.5.1.2 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION. (ANNUAL OATS - BEFORE AUGUST 31ST, WINTER RYE AFTER AUGUST 31ST.)
  - ANY NON-STRUCTURAL FILL MATERIAL REQUIRED WILL BE FURNISHED VIA ON SITE EXCAVATION ACTIVITIES, EXCEPT FOR WHERE CLEAN STONE BACKFILL IS SPECIFIED. CLEAN STONE AND OTHER STRUCTURAL MATERIAL SHALL BE IMPORTED TO THE SITE, AS NECESSARY.
  - TOPSOIL SHALL NOT BE USED AS FILL MATERIAL IN THE NON-STRUCTURAL AREAS UNTIL ALL SOURCES OF STRUCTURAL CUT AND EXCAVATION SPOILS HAVE BEEN EXHAUSTED.
  - TYPICAL RESTORATION SHALL BE 6" TOPSOIL (REASONABLY FREE OF STONES, STICKS, ROOTS, AND OTHER OBJECTIONABLE MATTER AND DEBRIS). ONCE TOPSOIL HAS BEEN SPREAD, THE AREA SHALL BE SEEDDED WITH SEED MIXTURE NO. 10, IN ACCORDANCE WITH SECTION 630 OF THE "STATE SPECIFICATIONS". THE CONTRACTOR SHALL APPLY A FERTILIZER (20-0-0) OVER THE SEEDED AREA AT A RATE OF 10 LBS PER 1000 SQUARE FEET. THIS AREA SHALL BE MAINTAINED BY THE CONTRACTOR. STRAW MULCH SHALL BE PLACED WITH METHOD "B OR C" AS DESCRIBED IN SECTION 627 OF THE STATE SPECIFICATIONS, EXCEPT THAT MULCH SHALL BE PLACED WITHIN ONE (1) DAY AFTER THE SEEDING HAS BEEN COMPLETED. MULCH SHALL BE ANCHORED OR CRIMPED IMMEDIATELY AFTER APPLICATION. EROSION MATTING SHALL BE PLACED AS SPECIFIED ON THE GRADING AND EROSION CONTROL PLANS.
  - IN THE EVENT EXCAVATION DE-WATERING IS REQUIRED DURING CONSTRUCTION, CONTRACTOR TO PROVIDE A TEMPORARY SETTLING BASIN, FILTER BAG OR ALTERNATE PROCESS APPROVED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES FOR SEDIMENT REMOVAL.
- CONSTRUCTION SCHEDULE:
- PRE-CONSTRUCTION ACTIVITIES  
\*\*A. INSTALL ALL EROSION CONTROL SILT FENCE. SILT FENCE FOR DIVERSION SWALES, IF NEEDED, AND STOCKPILES TO BE INSTALLED IMMEDIATELY AFTER COMPLETION.  
\*\*B. INSTALL TEMPORARY TRACKING DRIVE.  
\*\*C. DEMOLISH EXISTING STRUCTURE AND REMOVE FOUNDATION.  
D. PERFORM CONSTRUCTION STAKING OF DRAINAGE WAYS, DRAINAGE SYSTEM CONVEYANCE PIPING, AND BUILDING LOCATIONS.  
E. CONTACT ALL APPROPRIATE AGENCIES, AUTHORITIES, AND THE PROJECT ENGINEER A MINIMUM OF THREE WORKING DAYS, (72 HOURS) PRIOR TO THE START OF CONSTRUCTION.  
F. CONTRACTOR MUST CONTACT DIGGERS HOTLINE A MINIMUM OF THREE WORKING DAYS (72 HOURS) PRIOR TO START OF CONSTRUCTION.
  - BEGIN CONSTRUCTION ACTIVITIES:  
A. SELECTIVELY CLEAR AND GRUB TREES PER GRADING PLAN.  
\*\*B. STRIP TOPSOIL AND STOCKPILE FOR RE-USE ON SITE.  
\* C. STRIP/REMOVE UNSUITABLE LOAD-BEARING SURFACE MATERIAL FROM A MINIMUM OF 5' BEYOND ALL PROPOSED BUILDING AND PAVEMENT AREAS. UNSUITABLE LOAD-BEARING SURFACE MATERIALS INCLUDED SUCH AS: VEGETATION, ROOT-BALLS OF TREES AND SHRUBS, NON-ENGINEERED FILL, EXISTING/DEMOLISHED BUILDINGS AND PAVEMENT, DELETERIOUS DEBRIS, ETC.  
\* D. COMPLETE ROUGH GRADING.  
\* E. EXCAVATE BUILDING BASEMENT AND FOUNDATION AREA. STOCKPILE EXCAVATED SOIL MATERIAL ON-SITE FOR LATER USE AS NON-STRUCTURAL FILL MATERIAL.  
\*\*F. INSTALL SILT FENCE OR OTHER PERIMETER BMP AROUND STOCKPILES WITHIN 7 DAYS OF LAY-UP.  
\*\*G. SEED OR COVER STOCKPILES WITHIN 30 DAYS OF LAY-UP.  
\*\*H. ALL DISTURBED AREAS THAT REMAIN INACTIVE FOR LONGER THEN 7 DAYS SHALL BE STABILIZED ACCORDINGLY.  
\* I. FORM AND POUR FOUNDATION FOOTINGS AND COLUMN PADS.  
\* J. INSTALL FLOOR SLAB, DRAINAGE TILE, AND SUMP CROCK. CONNECT TO 'FORM-A-DRAIN' FOOTING DRAINS PER THE DETAIL SHEETS.  
\* K. INSTALL NO. 1 CLEAN STONE A MINIMUM OF 6" THICK IN FLOOR SLAB AREAS.  
\* L. BACKFILL FOUNDATION WITH NO.1 CLEAN STONE TO WITHIN 18" OF FINAL GRADE. COVER WITH 12" CLAY LOAM, THEN USE TOPSOIL TO BRING TO FINAL GRADE.
  - PROJECT WRAP-UP:  
\*\*A. AFTER VEGETATIVE COVER IS WELL ESTABLISHED, REMOVE ALL SILT FENCE AND OTHER TEMPORARY BMPS.  
\* B. RESTORE DISTURBED AREAS. REFER TO THE GRADING PLAN AND SPECIFICATIONS FOR SITE RESTORATIONS DETAILS.  
\* C. PROJECT ENGINEER WILL PREPARE AND SUBMIT VERIFICATIONS FOR DRAINAGE SYSTEM STRUCTURES.
- NOTE: CONTRACTOR MUST PROVIDE 3 WORKING DAYS (72 HOURS) NOTICE PRIOR TO ANY INSPECTIONS REQUIRED DURING OR AFTER CONSTRUCTION.  
\* ACTIVITY MUST BE INSPECTED BY PROJECT ENGINEER.  
\*\*ACTIVITY MUST BE INSPECTED BY EROSION CONTROL INSPECTOR.

STANDARD SPECIFICATIONS:

- PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS SPECIFIED IN THESE DETAILS. ALL CONTRACTORS SHALL OBTAIN A COPY OF THESE DETAILS PRIOR TO THE START OF CONSTRUCTION.
- THE LOCATION OF STRUCTURES AND OBSTACLES SHALL NOT BE TAKEN AS CONCLUSIVE. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR SHALL BE ASSUMED AS A CONDITION OF HIS BID. THEREFORE, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIVITIES.
  - ALL PROPOSED GRADES SHOWN ON THE GRADING PLAN ARE FINISHED GRADES.
  - THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BARRICADING AREAS OF CONSTRUCTION TO PROTECT AGAINST PERSONAL INJURY AS WELL AS WARN TRAFFIC OF THE CONSTRUCTION SITE. WARNING SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
  - CONTRACTOR SHALL PROVIDE 72 HOURS (3 WORKDAYS) NOTICE TO ENGINEER OF RECORD OF THE ANTICIPATED NEED FOR INSPECTION SERVICES. NO WORK SHALL BE UNDERTAKEN WITHOUT AN INSPECTOR BEING ON SITE OR WITHOUT THE PERMISSION OF THE OWNER.
  - THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION. EROSION CONTROL DEVICES SHALL BE REMOVED FROM THE SITE AFTER THE SITE HAS BEEN RE-VEGETATED AND EROSION CONTROL IS NO LONGER NECESSARY.
  - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING TRENCH SUPPORT IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS. THE ENGINEER, OWNER, AND INSPECTOR SHALL BE HELD HARMLESS IN ALL MATTERS REGARDING SHORING AND BRACING.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ROAD ADJACENT TO THE CONSTRUCTION SITE CLEAN AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL.
  - WHERE CONNECTING TO EXISTING UTILITY SERVICES, THE CONTRACTOR SHALL EXCAVATE THE CONNECTION POINT SO THAT ELEVATIONS OF THE EXISTING SERVICES CAN BE VERIFIED AND ANY NECESSARY ADJUSTMENTS TO THE DESIGN BE MADE.
- EROSION CONTROL:
- CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE "WISCONSIN STORMWATER CONSTRUCTION AND POST - CONSTRUCTION TECHNICAL STANDARDS".
  - SEDIMENT CONTROL MEASURES MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
  - PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL STRUCTURES TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. SEDIMENT CONTROL MEASURES ARE TO BE IN WORKING CONDITION AT THE END OF EACH DAY.
  - ALL EROSION CONTROL PRACTICES MUST BE CHECKED FOR STABILITY AND OPERATION WEEKLY AND WITHIN 24 HOURS OF EVERY RAINFALL (1/2" OR MORE), AND AT LEAST ONCE PER WEEK. CORRECT ANY DAMAGED STRUCTURES IMMEDIATELY.
  - DO NOT REMOVE ANY SEDIMENT CONTROL MEASURES UNTIL THE AREAS SERVED HAVE 70% OR MORE ESTABLISHED CONTINUOUS VEGETATIVE COVER.
  - ALL TRACKED SOIL ON ADJACENT STREETS FROM THIS PROJECT MUST BE CLEANED AT LEAST ON A DAILY BASIS. CONTRACTORS ARE REQUIRED TO ONLY USE THE TRACKING DRIVE FOR ACCESS TO THE SITE.
  - DISCHARGE ALL TRENCH WATER, IF ENCOUNTERED, INTO A TEMPORARY SETTLING BASIN, SEDIMENT FILTER BAG OR ALTERNATIVE PROCESS APPROVED BY WDNR PRIOR TO RELEASE INTO SWALE.
  - PREVENT OVERLAND FLOW FROM LEAVING ANY PORTION OF THE WORK SITE BY INSTALLING SILT FENCE PARALLEL TO THE SLOPE DOWNHILL FROM THE WORK AREA OR AS SHOWN ON THE PLAN SET. PROTECT SILT FENCE OR STRAW BALES WITH A SMALL EARTHEN BERM WHERE FEASIBLE.
  - SEDIMENT CONTROL FOR UTILITY CONSTRUCTION:  
A. PLACE EXCAVATED TRENCH MATERIAL ON HIGH SIDE OF THE TRENCH.  
B. BACKFILL COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE INSTALLATION.

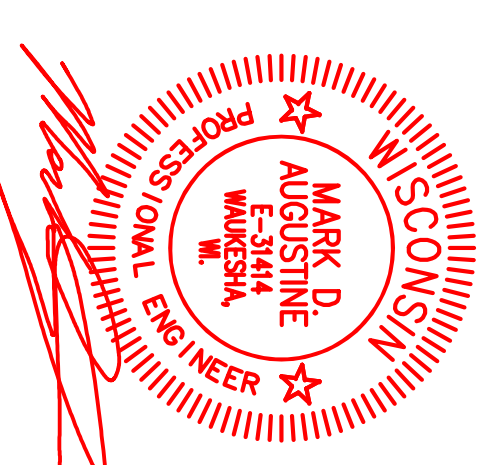
GENERAL SILT FENCE NOTES:

- TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING METHODS:  
A) TWIST METHOD: OVERLAP THE END POST AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, OR  
B) HOOK METHOD: HOOK THE END OF EACH SILT FENCE LENGTH.
- THE EROSION CONTROL METHODS AND SCHEDULES MUST BE STRICTLY FOLLOWED AT ALL TIMES. NO DEVIATION IS TO BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER, MUNICIPALITY OR WDNR.

**EROSION CONTROL NOTES**

PROJECT #	2404.05
DATE	19 FEB 2017
DRAWN BY	MA
DESIGNED BY	MA
REVISIONS	11 MAY 2017
SHEET NUMBER	C-4

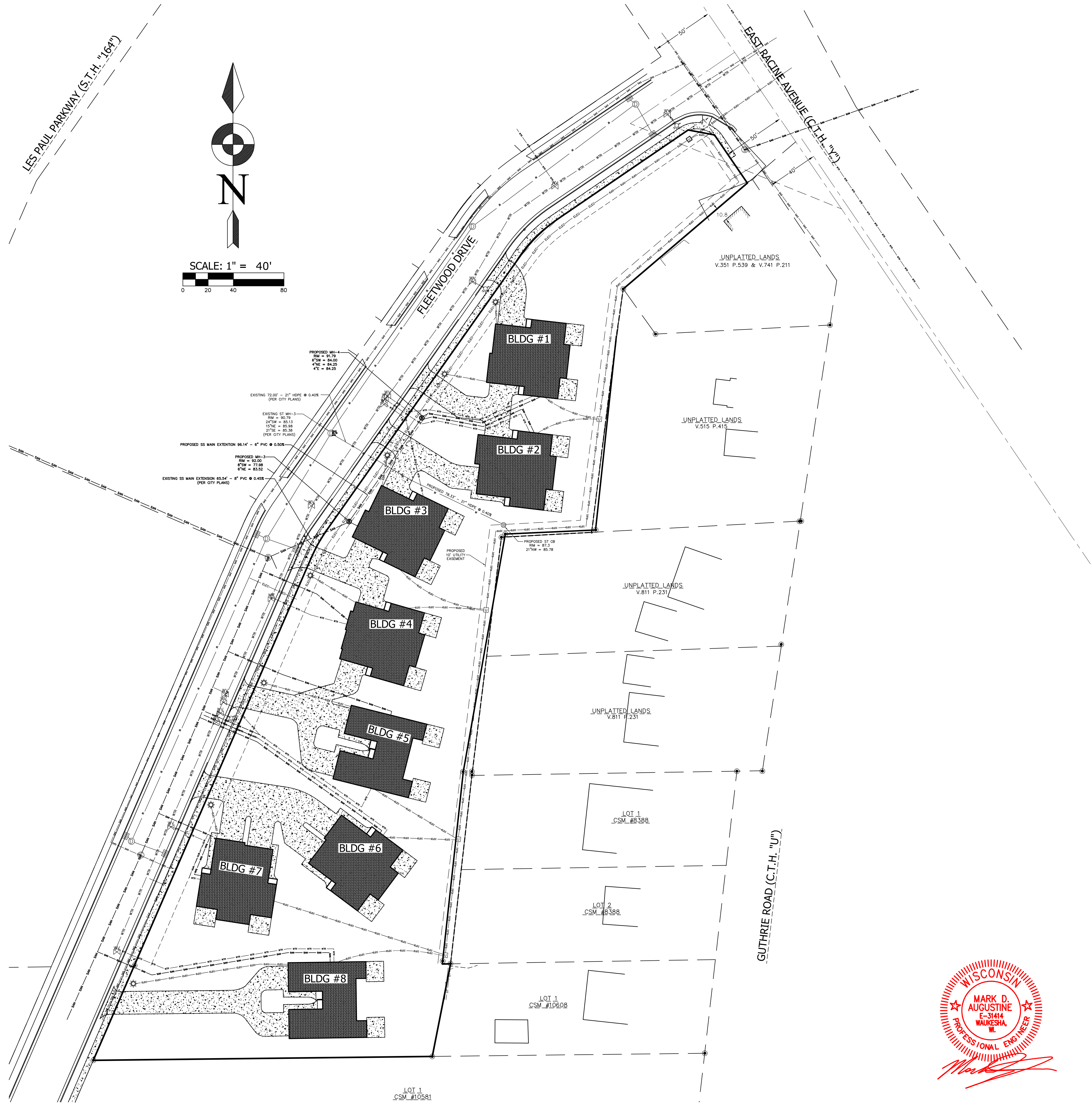
5 SHEETS



- LEGEND**
- - 1" IRON PIPE FOUND
  - - 2" IRON PIPE FOUND
  - (NXXXXXX'E)  
(XXXXX) - RECORDED AS
  - ⊙ - STORM INLET
  - ⊠ - UTILITY BOX
  - ▭ - CONCRETE
  - ⊕ - EXISTING SPOT GRADE
  - - - - EXISTING CONTOUR
  - - - - WATER
  - - - - SANITARY SEWER
  - - - - STORM SEWER
  - - - - TELECOMMUNICATIONS
  - - - - GAS
  - - - - ELECTRIC
  - - - - OVERHEAD UTILITIES
  - ⊕ - WATER VALVE
  - ⊕ - HYDRANT
  - ⊕ - GAS SHUTOFF VALVE
  - - - - EROSION CONTROL BARRIER
  - ⊕ - ANNOTATION
  - ⊕ - LAMP POST

**NOTES:**

1. WATER LATERALS ARE 1.5" DIAMETER, PER AVAILABLE CITY PLANS.
2. SANITARY SEWER LATERALS ARE 4" DIAMETER, PER AVAILABLE CITY PLANS.
3. PROPOSED SANITARY AND WATER LATERALS SIZES TO MATCH EXISTING LATERAL STUBS, UNLESS OTHERWISE NOTED.
4. ALL SANITARY SEWER PIPE AND LATERALS SHALL BE PVC CONFORMING TO ASTM D-3034, SDR-35 WITH RUBBER GASKET JOINTS.
5. CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, CURRENT EDITION.
6. CONTRACTOR SHALL NOTIFY CITY ENGINEERING DIVISION AT LEAST 3 DAYS PRIOR TO CONSTRUCTION TO ARRANGE FOR AN INSPECTOR.
7. MANHOLES SHALL BE 48" DIAMETER. NEENAH R-1661 FRAMES AND GRATES ARE REQUIRED.
8. THERE SHALL BE A MINIMUM 6" DROP TROUGH WHERE LATERALS ENTER MANHOLES.
9. CHIMNEY SEALS ARE REQUIRED FOR ALL MANHOLES.



**LAND MARK**  
**ENGINEERING SCIENCES, INC.**  
 119 COOLIDGE AVE., SUITE 100, WAUKESHA, WI 53186  
 PHONE: 414-719-2769

**MAD DOG PROPERTIES, LLC**  
 900 & 1000 BLOCK OF FLEETWOOD DRIVE  
 WAUKESHA, WI 53186  
**UTILITIES LAYOUT**

PROJECT #	2404.05
DATE	19 FEB 2017
DRAWN BY	MA
DESIGNED BY	MA
REVISIONS	11 MAY 2017
SHEET NUMBER	



**C-5**  
 OF 5 SHEETS