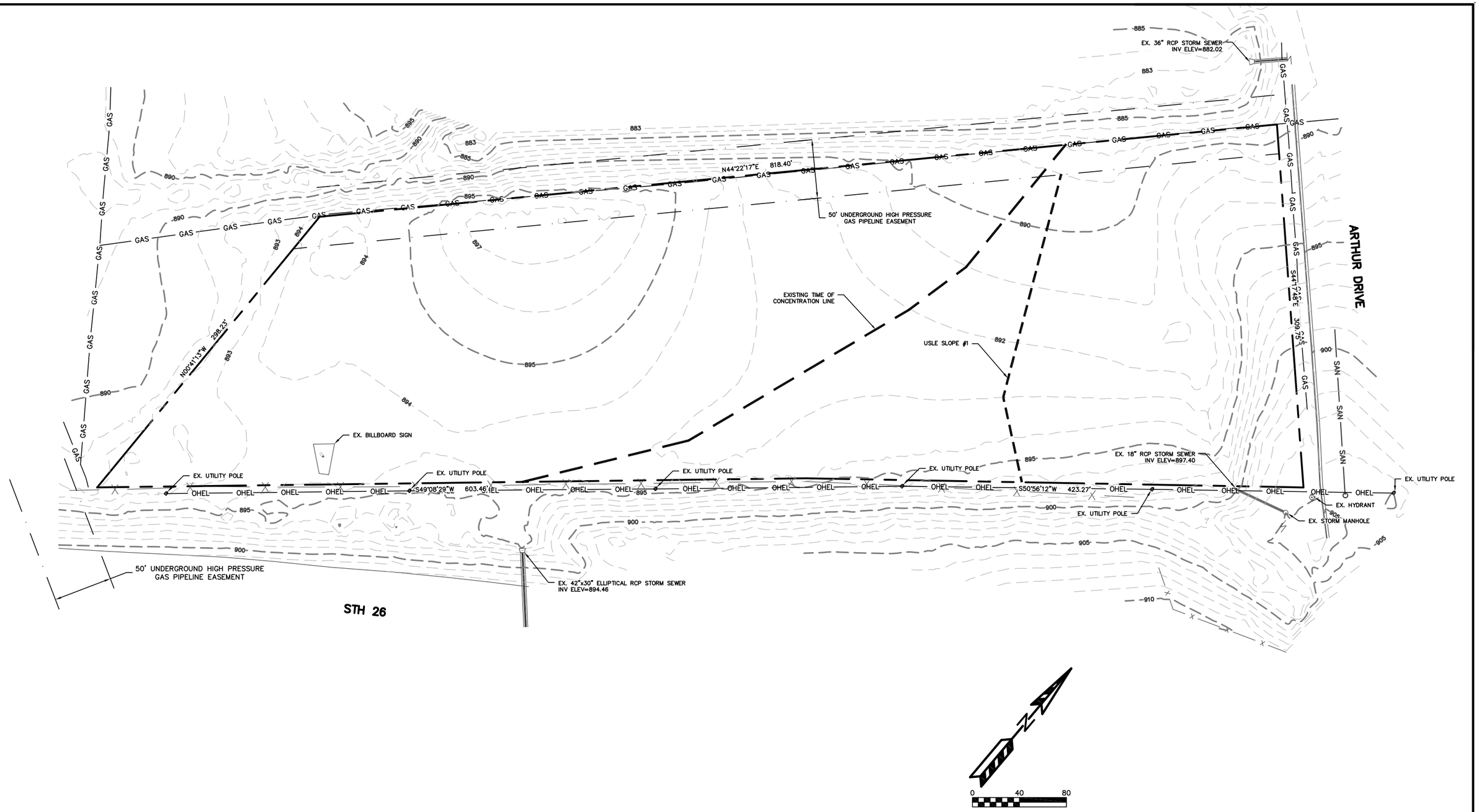
QUAM ENGINEERING, LLC 4604 Siggelkow Road, Suite A – McFarland, WI 53558 (608) 838-7750 \LS-04-19\LS04BASE.DWG



ARTHUR DRIVE MINI-WAREHOUSES
– CITY OF MILTON
EXISTING SITE PLAN

PAGE: 1 OF 3 (EXHIBIT #1)
DATED: FEBRUARY 4, 2020

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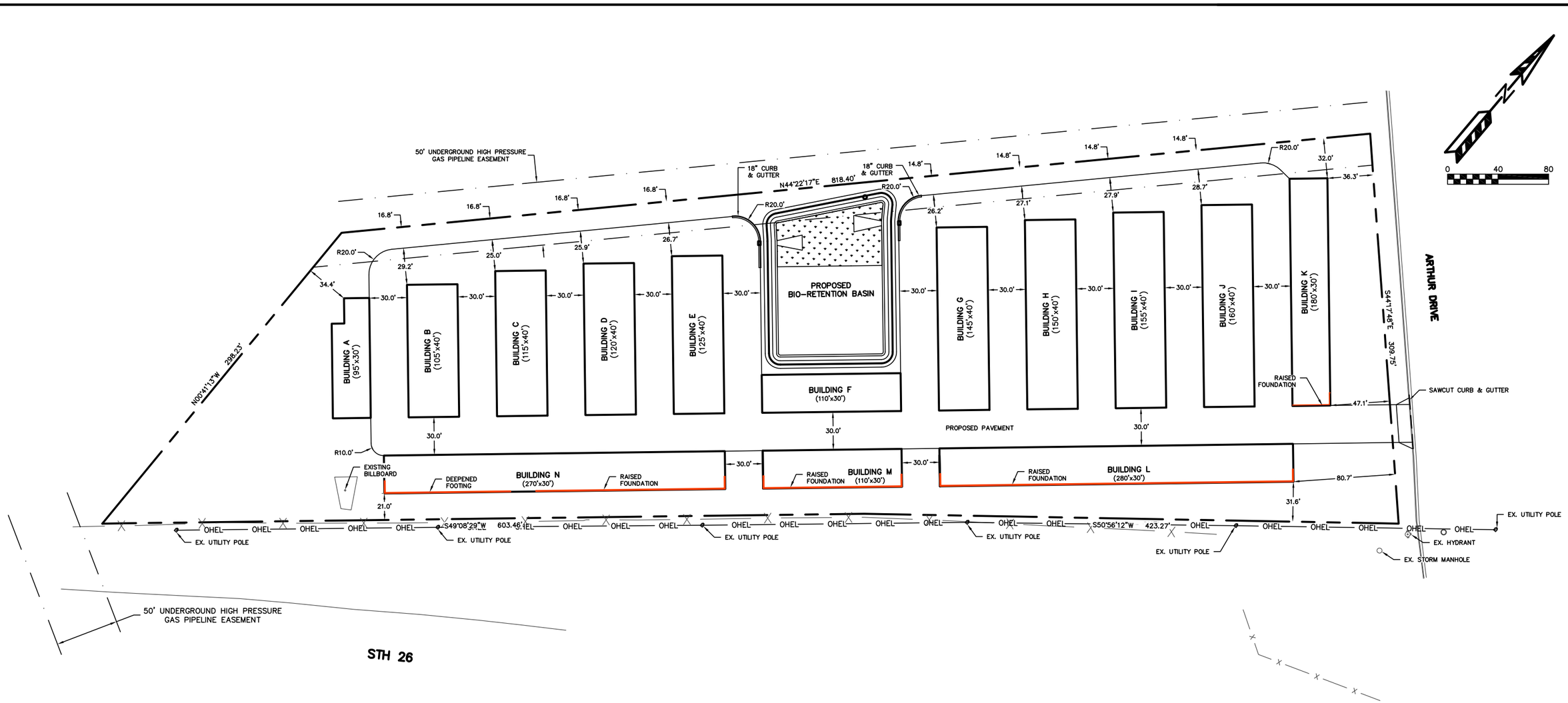

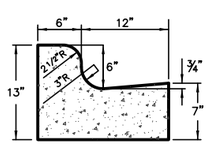

18" STANDARD CONCRETE CURB & GUTTER

ARTHUR DRIVE MINI-WAREHOUSES – CITY OF MILTON

SITE PLAN

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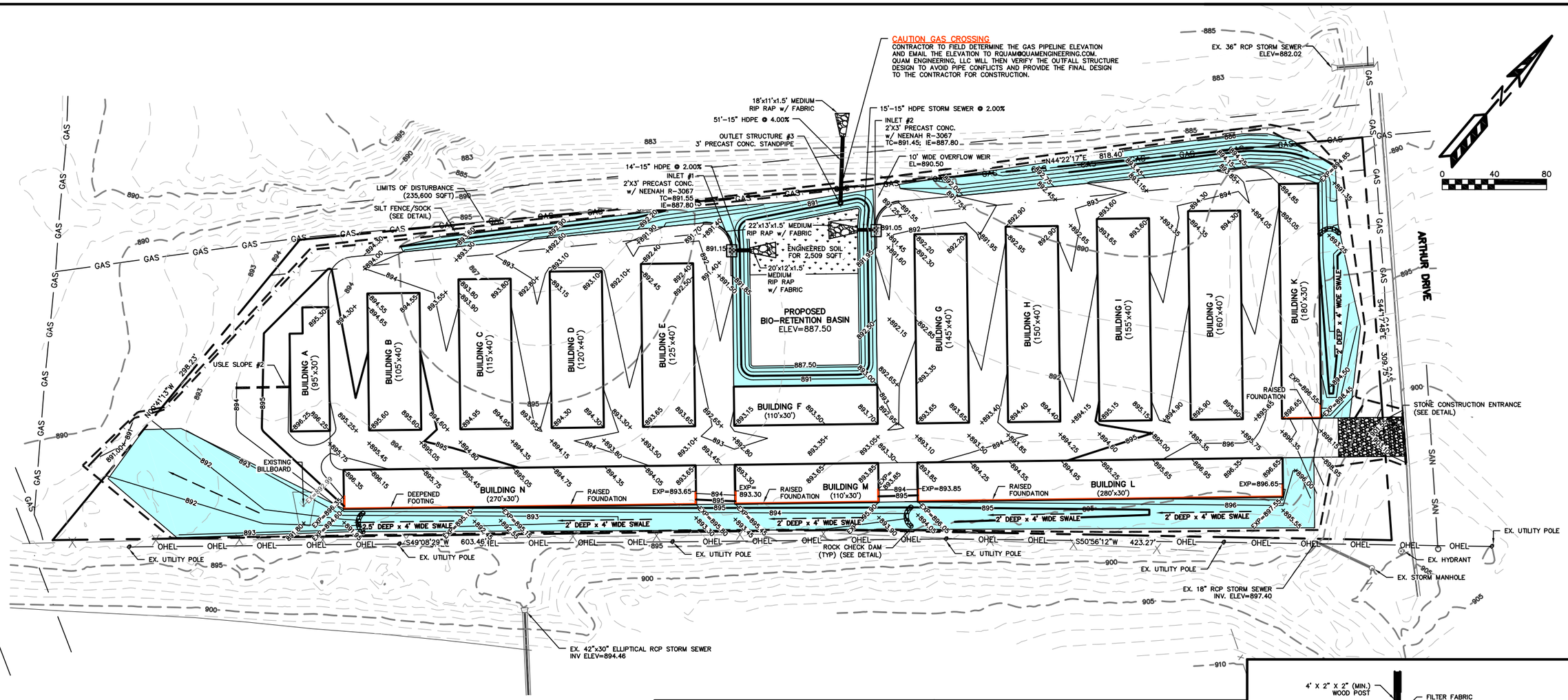


EROSION NOTES:

THE STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. THE TRACKING PAD IS TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION, WHICH WILL PREVENT THE TRACK OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.

EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.

EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

TIME SCHEDULE:

MAY 1, 2020	INSTALL INITIAL EROSION CONTROL DEVICES.
MAY 1, 2020 – OCTOBER 01, 2020	CONSTRUCT BUILDINGS & DRIVEWAYS AND RESTORE PERVIOUS DISTURBED AREAS.

RESTORATION NOTES:

ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, SEED AND MULCH. ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE FERTILIZER EXCEPT NATIVE PLANTING AREAS. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. SEED MIXTURE 40 SHALL BE USED ON ALL OTHER DISTURBED AREAS. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX.

SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL CONSIST OF HAY OR STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE.

FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%.

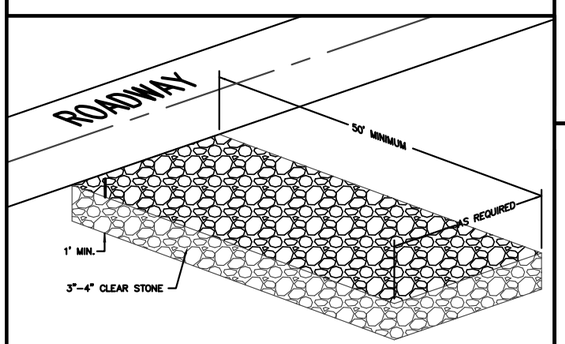
OWNER:
B&J STORAGE
ATTN: LARRY SCHULZ
4704 DROTT DRIVE
JANESVILLE, WI 53346

ENGINEER:
QUAM ENGINEERING, LLC
ATTN: RYAN QUAM
4604 SIGGELKOW ROAD, SUITE A
MCFARLAND, WI 53558

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TDD(FOR THE HEARING IMPAIRED)(800)542-2289

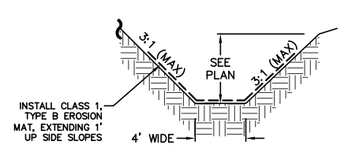
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



STONE CONSTRUCTION ENTRANCE

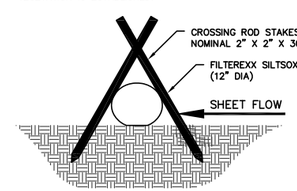
– INSTALL FLEXSTORM CATCH-IT INLET PROTECTION.

– INSTALL WISDOT CLASS 1 TYPE B EROSION MATTING.



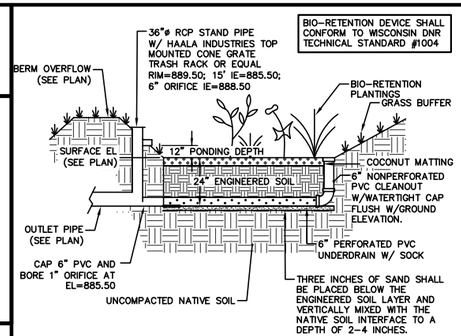
SWALE CROSS SECTION

MAINTAIN SILT SOCKS UNTIL VEGETATION IS ESTABLISHED.



SILT SOCK DETAIL

BIO-RETENTION DEVICE SHALL CONFORM TO WISCONSIN DNR TECHNICAL STANDARD #1004



SEE PLAN VIEW FOR ELEVATIONS AND OTHER INFORMATION.

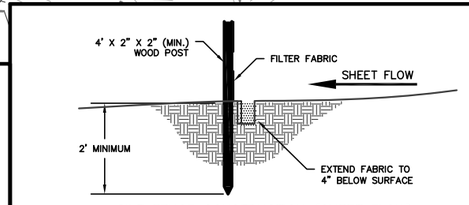
ENGINEERED SOIL SHALL CONSIST OF THE FOLLOWING:
70% SILICA SAND; 30% COMPOST W/ PH 5.5-6.5
COMPOST SHALL MEET WDNR SPECIFICATION S100.
STORAGE/INTERFACE LAYER SHALL CONSIST OF SAND AS FOLLOWS:
SAND: WASHED QUARTZ OR SILICA 0.02 – 0.04 INCHES IN DIA.

BIORETENTION PLANTINGS TO BE PLANTED AT ONE PLUG PER SQUARE FOOT. PLUGS TO BE PLANT STOCK NAMED IN THE WET PRAIRIE MIX FROM AGRECOL CORPORATION OR APPROVED EQUIVALENT. A MINIMUM OF 10 DIFFERENT PLANT STOCK NAMES TO BE PLANTED.

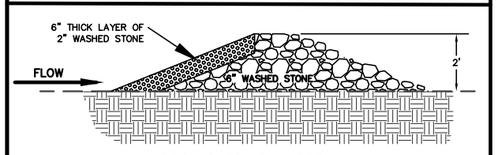
TO PREVENT COMPACTION OF ENGINEERED SOIL AND SUBSOILS, CONTRACTOR SHALL PROTECT AGAINST MACHINERY ENTERING OR COMPACTING THE BIO-RETENTION AREA.

CONTRACTOR SHALL PROVIDE COPY OF DELIVERY TICKET OR INVOICE FOR ENGINGEERED SOIL & SAND STORAGE LAYER FOR AS-BUILT CERTIFICATION PURPOSES.

BIO-RETENTION BASIN DETAIL



SILT FENCE CONSTRUCTION (SHEET FLOW)



ROCK CHECK DAM DETAIL

ARTHUR DRIVE MINI-WAREHOUSES – CITY OF MILTON

GRADING AND EROSION CONTROL PLAN
PAGE: 3 OF 3 (EXHIBIT #3)
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