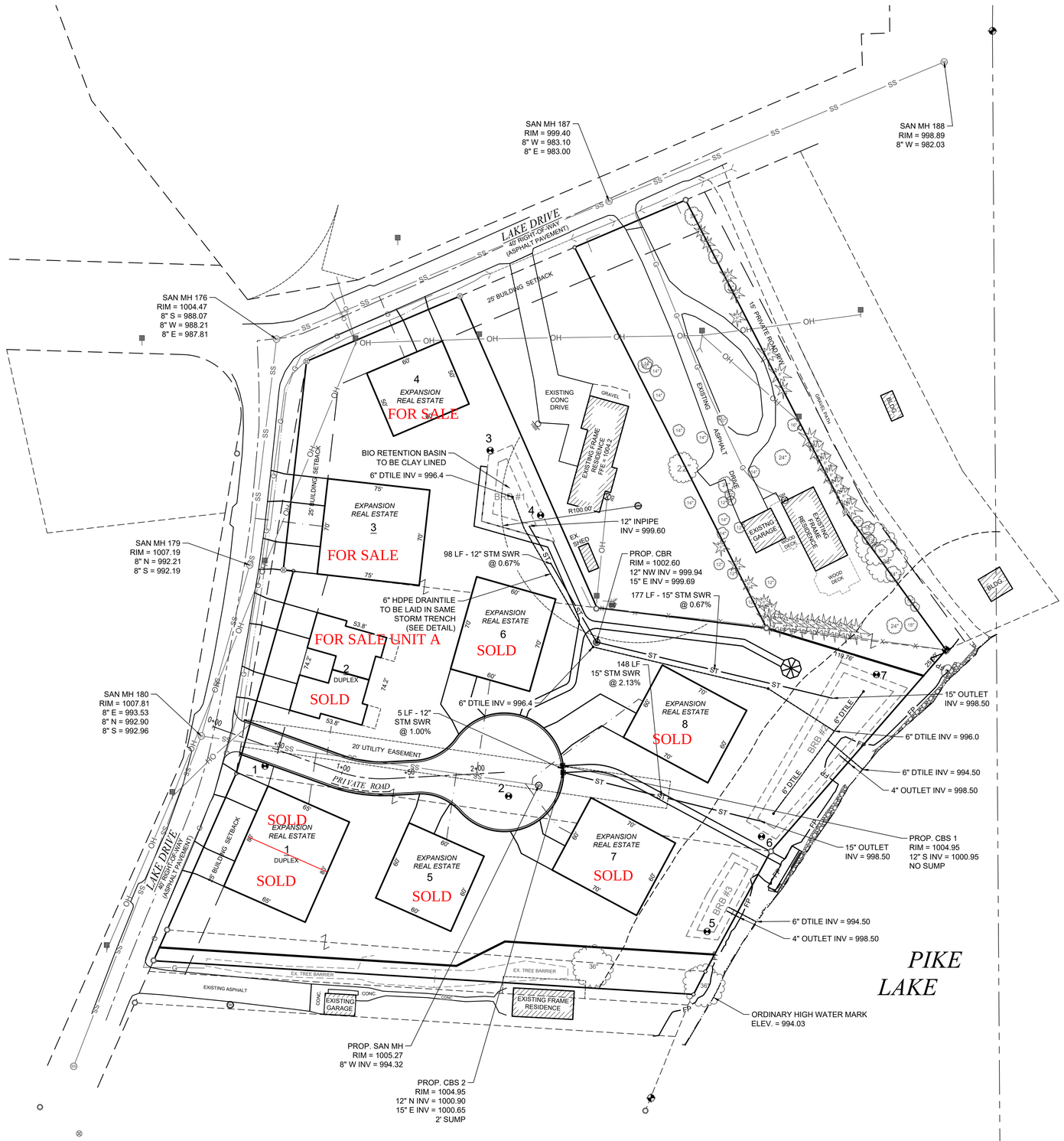
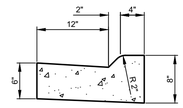


SANITARY SEWER:

A. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION (STANDARD SPECS), THE WISCONSIN ADMINISTRATIVE CODE, THE REQUIREMENTS OF THE HARTFORD SEWER UTILITY.
B. THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
C. THE SANITARY SEWER PIPE SHALL BE PVC ASTM D-3034 SDR 35 WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS CONFORMING TO ASTM D3212. LATERALS FOR DUPLEXES SHALL BE 6" AND LATERALS FOR SINGLE FAMILIES SHALL BE 4".
D. SANITARY MANHOLES SHALL BE PRECAST CONCRETE PER FILE NO. 12 AND MEET HS-20 LOADING. MANHOLE CASTINGS SHALL BE NEENAH R-1550A.
E. ALL SANITARY LATERALS ARE TO BE BEDDED WITH STONE CHIPS PER SWS 8.43.2(A) AND BACKFILLED WITH MECHANICALLY COMPACTED GRANULAR BACKFILL PER SWS 8.43.4 IN PAVED AREAS/SHOULDERS AND WITHIN 5 FEET OF THE PAVED AREAS. SPOIL BACKFILL WILL BE ALLOWED IN NON-PAVEMENT AND NON-SHOULDERED AREAS. SLURRY BACKFILLED REQUIRED WITHIN THE CITY RIGHT-OF-WAY.
F. WHERE LATERAL CONSTRUCTION IS WITHIN THE RIGHT OF WAY, COORDINATE WITH THE TOWN AND UTILITY DISTRICT FOR PERMITTING AND INSPECTION.

PAVING NOTES:

1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2020 EDITION.
2. AGGREGATE BASE SHALL BE 3/4" AGGREGATE BASE DENSE PER SECTION 305 OF THE STANDARD SPECIFICATIONS.
3. CONCRETE PAVEMENT, DRIVEWAYS, SIDEWALKS AND CONCRETE PADS SHALL BE CONSTRUCTED PER SECTIONS 415 AND 416 OF THE STANDARD SPECIFICATIONS.
4. ASPHALT PAVEMENT SHALL BE CONSTRUCTED PER SECTIONS 455-460 OF THE STANDARD SPECIFICATIONS.
5. PAVEMENT THICKNESS SHALL BE AS FOLLOWS:
   - ASPHALT PAVEMENT (STREET): 4" ASPHALT 9" AGGREGATE BASE
   - ASPHALT PAVEMENT: (DRIVEWAYS): 3" ASPHALT 6" AGGREGATE BASE
6. ASPHALT PAVEMENT SHALL BE INSTALLED IN TWO LIFTS.
   SURFACE: 4MT 58-28 S (12.5MM)
   BINDER: 3MT 58-28 S (19 MM)
7. ADJUST ALL MANHOLES AND VALVE BOXES TO 3/8 INCH TO ½ INCH BELOW FINAL PAVEMENT GRADE.
8. A PROOF ROLL IS REQUIRED ON THE SUBGRADE AND THE STONE BASE WITH A 40 TON VEHICLE. AREAS EXHIBITING A DEFLECTION GREATER THAN ½ INCH SHALL BE RECONSTRUCTED WITH GEOTEXTILE TENSAR TX 160 AND 3 INCH TB.
9. ALL STREETS SHALL BE TACKED WITH CSS-1 OIL AT THE RATE OF 0.05 TO 0.15 GALLONS PER SQUARE YARD PRIOR TO PAVING IN ACCORDANCE WITH STATE SPECIFICATION 455.3.2. TACK MUST BE APPLIED BETWEEN EACH LAYER OF ASPHALTIC CONCRETE UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE TACK MUST BE ALLOWED TO CURE BEFORE PAVING.
10. CONCRETE CURB AND GUTTER SHALL BE 18" MOUNTABLE CURB.
11. CONCRETE CURB AND GUTTER SHALL BE JOINTED EVERY 10 FEET WITH A FELT JOINT EVERY 200 TO 250 FEET, AT ALL RADII, AND WITHIN 3 FEET OF AN INLET.



18" MOUNTABLE CURB DETAIL
NOT TO SCALE

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE
811 OR 1-800-242-8511 TOLL FREE
WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE
MILW. AREA 1-414-259-1181

NOTE: The location and size of the underground structures and utilities shown hereon have been located to a reasonable degree of accuracy, but the Engineer and/or Surveyor does not guarantee their exact location or the location of others not shown. Contact Diggers Hotline, Inc., Etc.

LEGEND:

EX. MONUMENT FOUND	EX. SANITARY MANHOLE
EX. IRON PIPE FOUND	EX. UTILITY MANHOLE
EX. IRON ROD FOUND	EX. CLEAN OUT
EX. IRON PIPE	EX. ELECTRIC METER
EX. WOODEN POST	EX. GAS METER
EX. METAL POST	EX. POWER POLE
EX. POST	EX. GUY WIRE
EX. RETAINING WALL	EX. LIGHT POLE
EX. FENCE	EX. LIGHT
EX. SANITARY SEWER	EX. WELL
EX. OVER HEAD WIRE	EX. FLAG POLE
EX. UNDERGROUND GAS LINE	EX. SIGN
EX. 1-FOOT CONTOUR	EX. BASKETBALL HOOP
EX. 5-FOOT CONTOUR	EX. DECIDUOUS TREE
EX. FLOOD PLAIN LINE	EX. CONIFEROUS TREE
	EX. BORING LOCATION

N
W E
S

SCALE IN FEET
0 40'

RE: KETTLE RIDGE CONDOMINIUM

DRAWN BY: A.C.L. | CHECKED BY: P.J.J. | JOB NUMBER: S8801 | DATE: MARCH 6, 2020
FILE NUMBER: | WASHINGTON 421 | BOOK NUMBER: WASH. 56 - PAGE NUMBER: 41

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ENGINEERS•PLANNERS•SURVEYORS
ENGINEERING SOLUTIONS SINCE 1964

SITE AND UTILITY PLAN
PART OF THE NE 1/4 OF THE SE 1/4 OF SECTION 22, TOWN 10 NORTH, RANGE 18 EAST, TOWN OF HARTFORD, WASHINGTON COUNTY, WISCONSIN

REVISIONS
3/5/20: REV. STORM ELEV

SHEET:
03 OF 05

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