

SITE IMPERVIOUS DATA

TOTAL DEVELOPMENT = 100,479sf

EXISTING:
 Building Area = 1,950 + 890 = 2,840sf
 Pavement Area = 18,130sf
 Walk Area = 870sf
 Total Hard Surface = 21,840sf
 Green Space = 78,639sf
 Green Space Ratio = 78.3%

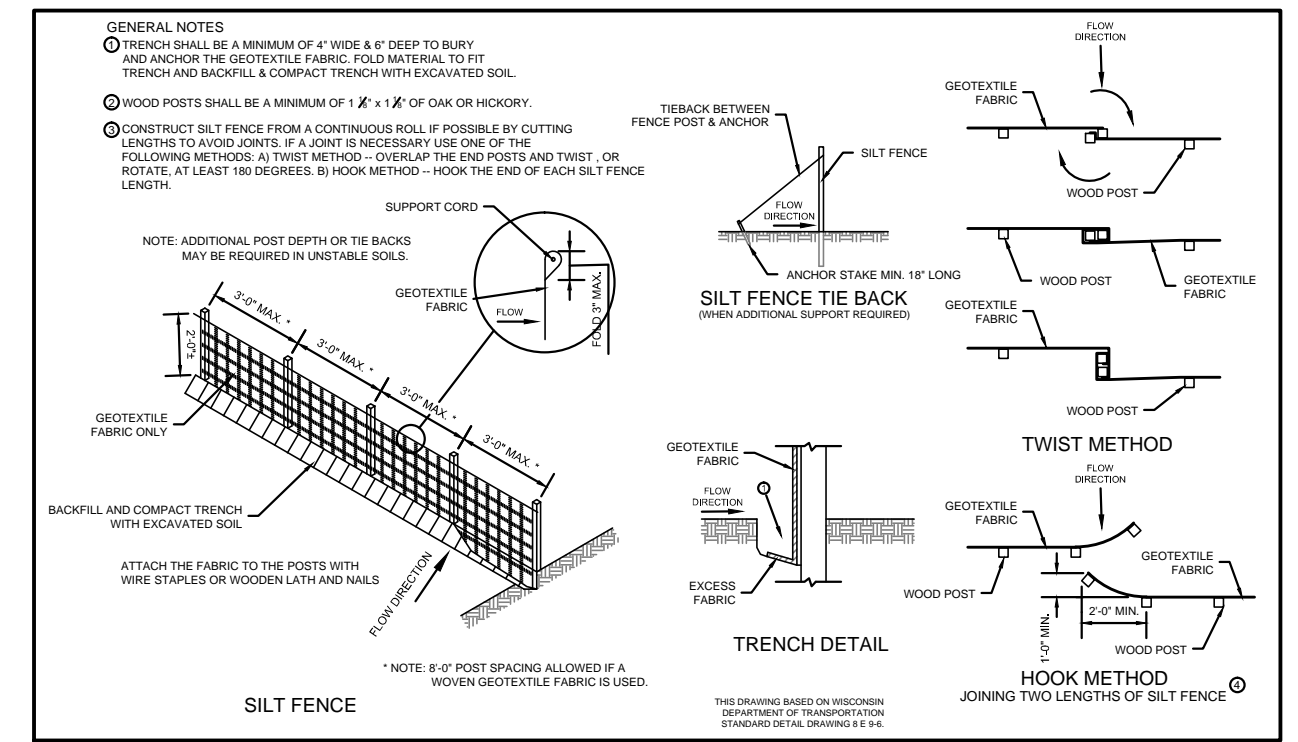
PROPOSED:
 Building Area = 7,480 + 890 = 8,370sf
 Pavement Area = 24,130sf
 Walk Area = 560sf
 Total Hard Surface = 33,060sf
 Green Space = 67,419sf
 Green Space Ratio = 67.1%

NET CHANGE IN SITE IMPERVIOUSNESS
 TOTAL EXISTING HARD SURFACE: 21,840sf
 TOTAL PROPOSED HARD SURFACE: 33,060sf
 NET INCREASE IN SITE IMPERVIOUSNESS
 = 11,220sf < 21,780sf (0.5 Ac.)

50' LONG X 20' WIDE
 - 12" THICK, 3" CLEAR OR WASHED STONE OR WASHED DRIVE ENTRANCE DRIVE PER WDNR Technical Standard 1057.

12" THICK 3-6" AGGREGATE (PLACE WisDOT Type R FABRIC IF REQUIRED TO PREVENT MIGRATION OF UNDERLYING SOIL INTO STONE IN WET SOIL CONDITIONS- TBD BY EROSION CONTROL INSPECTOR)

STONE TRACKING PAD
 PER WDNR TECH STANDARD 1057 (NOT TO SCALE)



SILT FENCE DETAIL

NOTE: SILT FENCE AND TRACKING PAD SHALL CONFORM TO TECHNICAL STANDARDS 1056 & 1057 RESPECTIVELY.

GENERAL CONSTRUCTION SPECIFICATIONS:

- All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition, and the City of New Berlin Ordinances and/or the Standard Specifications as set forth in the State of Wisconsin Plumbing Code. All permits must be obtained by the contractor prior to commencing work.
- All erosion control measures specified on this plan shall meet the design criteria, standards and specifications as set forth in the Department of Natural Resources Wisconsin Technical Standards.
- All erosion control devices (i.e., silt fence, gravel entrance, inlet protection, etc.) shall be installed prior to commencing building construction. See plan for location.
- All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.
- The contractor shall notify Diggers Hotline, the local municipality and all government agencies that may be affected by the contractor's operations at least three (3) days before breaking ground.
- All ingress and egress traffic to the project shall be limited to the gravel entrance to the property.
- Contractor shall be responsible for maintaining the offsite roadways. The roadways shall be kept free of silt or dirt tracked from areas under construction by sweeping within 24hrs. Dust generated by construction activities shall be minimized by use of watering, calcium chloride surface treatment, construction scheduling or other appropriate methods.
- Upon completion of the work as specified, respread four (4") inches of salvaged topsoil over all disturbed areas and provide seed, fertilizer and mulch per the Standard Specifications. Erosion mat shall be placed on any slope greater than 4:1 in lieu of mulch, as specified.
- All disturbed areas shall be revegetated within seven days of no disturbance. Highway mix #40 shall be used for seeding with an application rate of 4.0 lbs/1000 sq. ft. unless otherwise shown on the plan (i.e., floodplain area).
- All erosion control devices shall be routinely inspected every seven days or within 24 hours of a rainfall greater than 0.5 inches. (By GENERAL CONTRACTOR).
- An late season stabilization plan is required to continue construction in the non-growing season:

Late Season Stabilization:

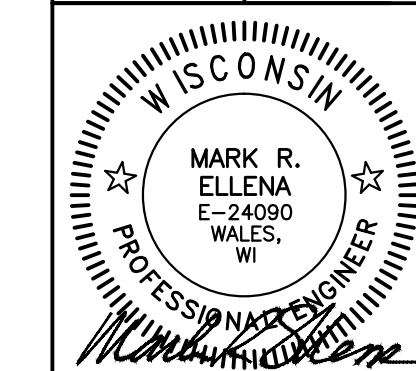
The objective is to stabilize the site with 70% vegetative coverage of all pervious disturbed areas before the end of the growing season. This will be done by seeding of all disturbed areas with permanent vegetation by September 15, 2016. If this deadline is missed, then stabilization will be completed by:

- Seeding of all disturbed areas with temporary seed mix (oats, winter wheat, annual rye) by October 15. Permanent seed mix must then be implemented by June 1 of the following year.
- For construction between October 15 and November 15, the following late-season stabilization requirements must be followed:
 - Seeding Rate: Perennial seed mix rate must be applied at 1.5 x the WisDOT section 630 rates and must include a minimum of 2 lbs. per 1,000 sq. ft. of a temporary cover (i.e. winter wheat or annual rye grass for fall plantings).
 - Erosion Control: In addition to applying topsoil, the above noted seed mix and starter fertilizer, the following are minimum requirements for stabilizing sites during this period. Approved erosion control plans may be more restrictive:
 - Disturbed Areas: Apply erosion control matting to all disturbed areas that remain exposed.
 - Infalls/Outfalls: Install sod pods (2 rolls) at all culvert outfalls, and other high-erosion locations in accordance with County standards.

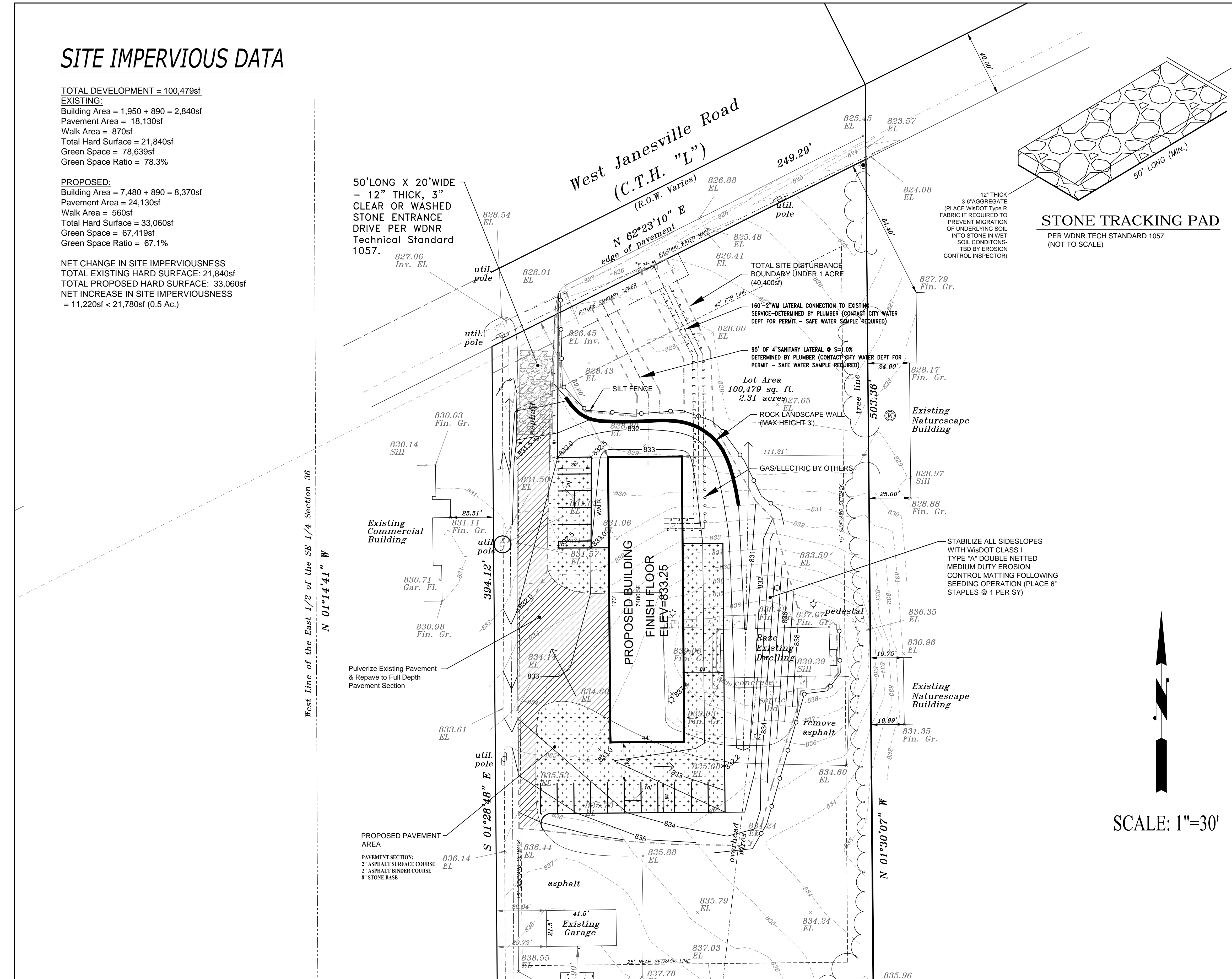
THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

REVISIONS	
DATE	BY

EEC
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 Natuescape Lawn and Landscape Care
 New Berlin, Wisconsin



Grading, Paving & Utility Plan
 (WITH EROSION CONTROL)
 SCALE: 1"=30' JOB NO.: DATE: 06-09-17
 CHECKED BY: C1



SCALE: 1"=30'

GENERAL SPECIFICATIONS FOR PRIVATE WATER MAIN, SANITARY & STORM SEWER:

- All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition, the Racine Water Department, the Village of Mt. Pleasant Ordinances and the State of Wisconsin Standard Specifications for Sewer and Water Construction in Wisconsin.
- The private water main & sanitary sewer design, permitting, construction, installation, supervision, maintenance, inspection AND testing shall be in accordance with the City of New Berlin Plumbing Inspection Department and the State of Wisconsin, Chapter SPS 382. All permits must be obtained by the contractor prior to commencing work.
- Private sanitary laterals shall be PVC (solid wall), ASTM D-3034, DR-35 or 28; or PVC (solid wall), AWWA C-900.
- Water main shall be PVC (solid wall), AWWA C-900, CLASS 235, DR-18 with Push-On type integral elastomeric bell-spigot joints.

NOTE: PER SPS 382.30(11)(h) and SPS 382.40(8)(k) Locating requirements. A means to locate buried underground exterior nonmetallic sewers/main and water services/main must be provided with tracer wire or other methods in order to be located in accord with the provisions of these code sections as per 182.0715(2r) of the statutes.