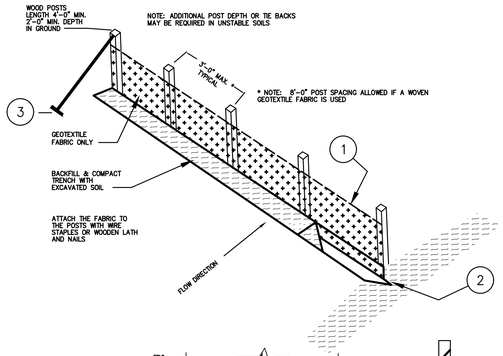
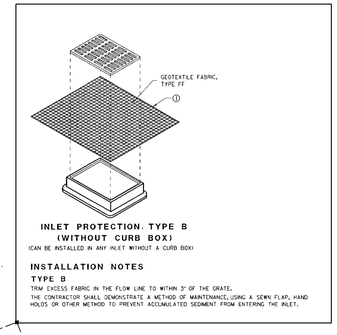


SILT FENCE (non-reinforced)

SILT FENCE DETAIL

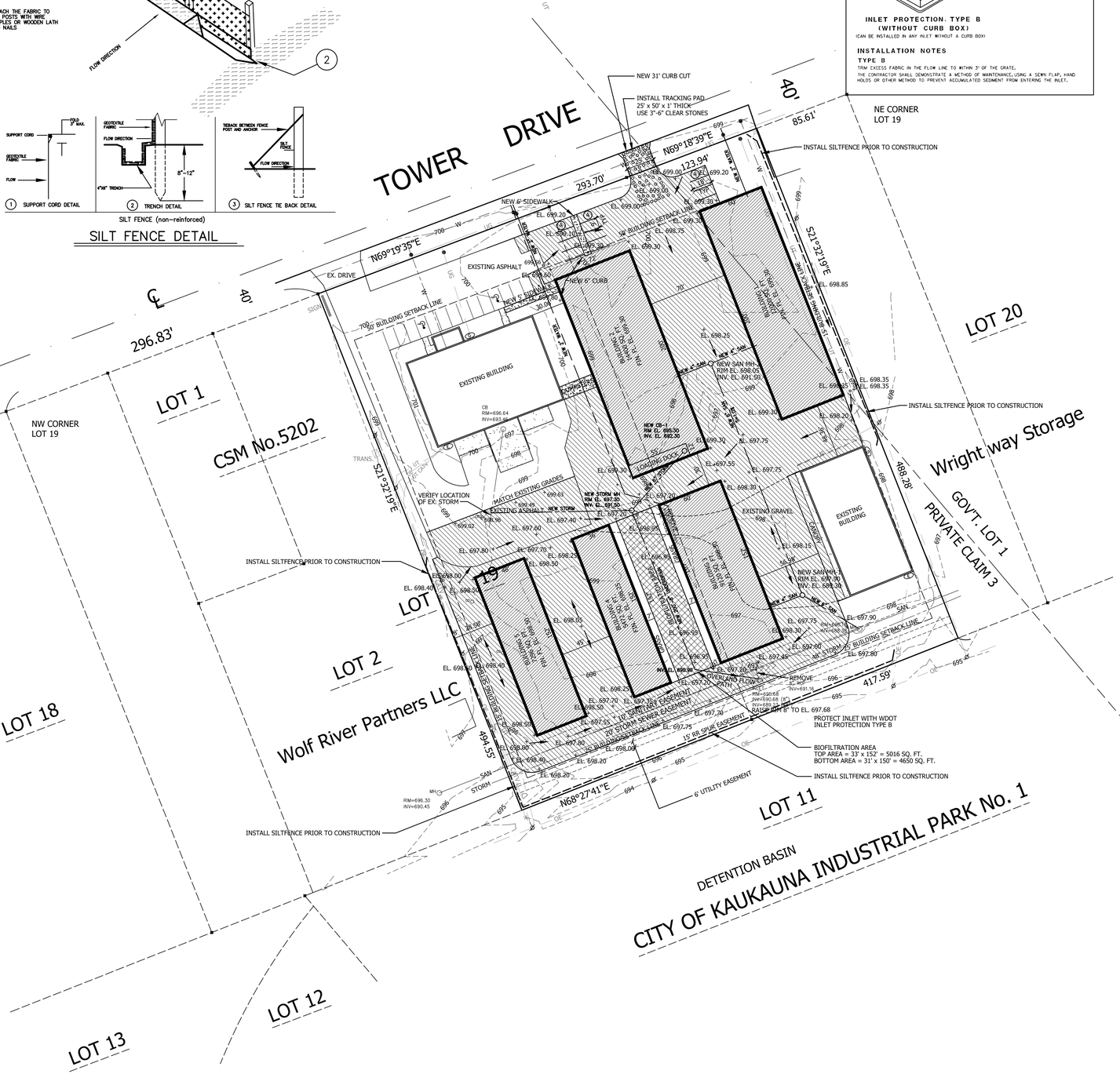


INLET PROTECTION: TYPE B (WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)

INSTALLATION NOTES

TYPE B

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE,USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.



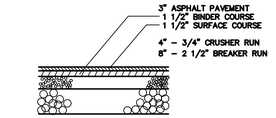
EROSION CONTROL NOTES

1. All site contractors should obtain the Wisconsin Department of Natural Resources Technical Standards.
2. All erosion and sediment control measures shall be constructed, inspected and maintained in accordance with the Erosion Control Plan, WDNR Technical Standards and the WPDES General Permit for the site. Inspection reports shall be maintained.
3. All sediment control measures shall be adjusted to meet field conditions at the time of construction and installed prior to any grading or disturbance of existing surface material. BMPS shall be installed around all soil stockpiles. Stockpiles left in place greater than 7 days shall be properly stabilized.
4. Weekly inspection and maintenance of all sediment control structures shall be provided to ensure intended purpose is accomplished. Sediment control measures are to be in working condition at the end of each working day.
5. Within 24 hours of a rainfall of 0.5 inches or more, sediment control structures shall be inspected for integrity. Any damaged structures shall be corrected immediately.
6. Sediment control measures shall not be removed until the areas served have established vegetative cover.
7. Tracking pads shall be installed at all construction site exits to prevent tracking of soil. The tracking pad shall consist of 3"–6" clear stone placed 12" deep, for a minimum of 50'.
8. Tracked soil shall be collected daily from paved roads located near the construction site.
9. Dewatering shall conform to DNR Technical Standard 1061.
10. The street inlets shall be protected by WDOT inlet protection type D–HR. The new catch basins shall be protected by WDOT inlet protection type D–M. Inlets shall remain protected until the entire drainage area of the inlet is restored. Alternative protection shall be utilized around the catch basin if flooding may cause damage to adjacent buildings or properties. The catch basin shall be inspected after each rainfall event and cleaned as needed to maintain flow. If fabric is ripped it shall be replaced by the end of the work day. Fabric shall not be ripped or cut to prevent ponding.
11. Overland flow shall be prevented from leaving the work site by installing straw bale or filter fabric fencing parallel to the contours located downhill from the work area.
12. Sediment control for pipeline construction:
    a. Excavated trench material shall be placed on the uphill side of the trench.
    b. Immediately following pipe installation, the trench shall be backfilled, compacted and stabilized at the end of each working day.
13. All disturbed ground outside of the everyday construction area at a minimum be temporarily seeded/mulched with oats or rye if the area is left inactive for more than 7 days.
14. The existing grass street terrace shall be maintained as a buffer during constuction. It shall be restored with temporary seed and mulch at a minimum 7 days after the completion of all lateral installations and other construction activity. If the terrace is not to be restored during final landscaping, a permanent seed mix shall be utilized.
15. All erosion control practices damaged due to winter weather shall be repaired/replaced immediately.
16. The Construction Site Erosion Control/Stormwater Management Plan shall be kept on–site and with the landowner.
17. An Inspection Log shall be maintained and kept on–site.
18. Minimize offsite airborne dust by watering disturbed areas when overly dry.
19. All waste generated at the construction site will be properly disposed of and not be allowed to run into the storm sewer system.
20. No excess concrete washout will be deposited in or near the ditch areas. The concrete washout shall be deposited in the concrete containment structure.
21. Off–site deposits occuring as a result of a storm event shall be cleaned up by the end of the next work day. Off–site deposits occuring as a result of land disturbance shall be cleaned up by the end of the work day.
22. Erosion Chemical sequence :
    a. Install silt fence at the toe of slopes of the disturbed areas. (August 24, 2015)
    b. Install inlet protection in existing structure. (August 24, 2015)
    c. Strip and stockpile topsoil. Protect pile with siltfence and seed and mulch. (August 25 – 31, 2015)
    d. Install tracking pad. (August 25–27, 2015)
    e. Construct buildings. (August 31, 2015 – November, 2016)
    f. Grade and place all gravel in paved area. (Sept., 2015 – June, 2016)
    g. Construct biofiltration area. (September., 2016)
    h. Install asphalt pavement. (September., 2016)
    i. Seed and mulch all disturbed areas as soon as final grade is established.
    j. Remove erosion control measures, after stabilization of the disturbed areas.

SEED AND MULCH ALL DISTURBED AREAS AS SOON AS FINAL GRADE IS ESTABLISHED.

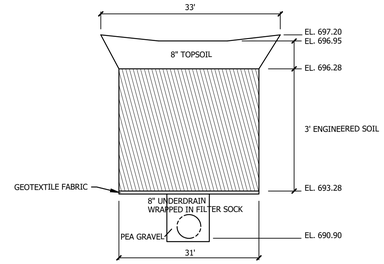
LEGEND

- MH — MANHOLE
- CB — CATCH BASIN
- MW — MONITORING WELL
- — POWER POLE
- — LIGHT POLE
- — FIRE HYDRANT
- — WATER VALVE
- PIV — POST INDICATOR VALVE
- — DIRECTION OF SURFACE RUNOFF
- — STORM SEWER OUTLET
- — CULVERT PIPE
- — INLET
- — TELEPHONE PEDESTAL
- — TREE/SHRUB
- 000.00 — EXISTING SPOT ELEVATION
- + EL. 000.00 — PROPOSED SPOT ELEVATION
- — 000 — EXISTING CONTOURS
- — 000 — PROPOSED CONTOURS
- UG — UNDERGROUND TELEPHONE LINE
- UG — UNDERGROUND NATURAL GAS LINE
- W — WATER MAIN
- OE — OVERHEAD ELECTRIC
- UE — UNDERGROUND ELECTRIC
- ST — STORM SEWER
- SAN — SANITARY SEWER
- — DITCH LINE
- — SILT FENCE
- — FENCE
- — RAILROAD
- GP — GAS METER
- EP — ELECTRIC METER
- — LIMITS OF PROPOSED BITUMINOUS PAVEMENT
- — LIMITS OF PROPOSED CONCRETE PAVEMENT
- — LIMITS OF PROPOSED GRAVEL PAVEMENT



PAVEMENT SECTION

N.T.S.



BIOFILTRATION DETAIL

SCALE: NONE

ENGINEERED SOIL MIX

ENGINEERED SOIL COMPONENT	PERCENT COMPOSITION (BY VOLUME)
MINERAL (SIO_2) SAND, (ASTM C33, WSDOT 501.2.5.3.4 OR USDA COARSE SAND (.02–.04))	70–85%
COMPOST – WDNR SPEC. S100	15–30%
pH BETWEEN 5.5 AND 8.0	

SEE WDNR TECHNICAL STANDARD 1004

N

SCALE: 1" = 50'

HARRIS & ASSOCIATES, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
2718 NORTH MEADE ST.
APPLETON, WI 54911
TEL: (920) 733–8377
FAX: (920) 733–4731

REV. NO.	DESCRIPTION	BY	DATE

PROJECT: PACKERLAND HOME IMPROVEMENT 2200 & 2250 TOWER DRIVE

LOCATION: PRT. LOT 19, CITY OF KAUKAUNA INDUSTRIAL PARK No. 1, KAUKAUNA, WISCONSIN

DESCRIPTION: SITE PLAN

DRAWN BY: KWW

CHECKED BY:

DATE: 8–28–15

SHEET C1.0

PROJECT NUMBER 7468