

DEWATERING NOTES:

1. IF DEWATERING IS NEEDED IT SHALL FOLLOW THE STANDARDS IN THE WDNR DEWATERING TECHNICAL STANDARD CODE NO. 1061.
2. ALL WATER GENERATED FROM CONSTRUCTION ACTIVITIES (GRADING, TRENCHES, ETC.) SHALL BE CONVEYED BY GRAVITY AND/OR PUMPING INTO A GEOTEXTILE BAG WITH A MINIMUM FOOTPRINT OF 100 SQUARE FEET OR THE DETENTION POND.
3. THE INTENT IS TO PREVENT SEDIMENT LADEN WATER FROM DISCHARGING DIRECTLY OFFSITE TO THE MAXIMUM EXTENT PRACTICABLE AS DEFINED IN NR 151.11(6)(c).
4. SEDIMENT SHALL BE REMOVED FROM THE DEWATERING FACILITIES IN ORDER TO MAINTAIN EFFECTIVENESS. ALL SEDIMENT COLLECTED SHALL BE PROPERLY DISPOSED OF.
5. A SEDIMENT SOCK SHALL BE SECURELY FASTENED TO THE DOWNSTREAM END OF ANY HOSES USED TO CONVEY PUMPED WATER. THE INTENT IS TO SLOW DOWN THE PUMPED DISCHARGE SO AS TO NOT DESTROY THE DEWATERING FACILITY WITH THE FORCE OF THE PUMPED WATER.
6. THE FOLLOWING MONITORING SHALL BE CONDUCTED. TEST RESULTS SHALL BE RECORDED ON A DAILY LOG KEPT ON SITE:
 - DISCHARGE DURATION AND SPECIFIED PUMPING RATE.
 - OBSERVED WATER TABLE AT TIME OF DEWATERING.
 - IF USED, TYPE AND AMOUNT OF POLYMER USED FOR TREATMENT.
 - MAINTENANCE ACTIVITIES.

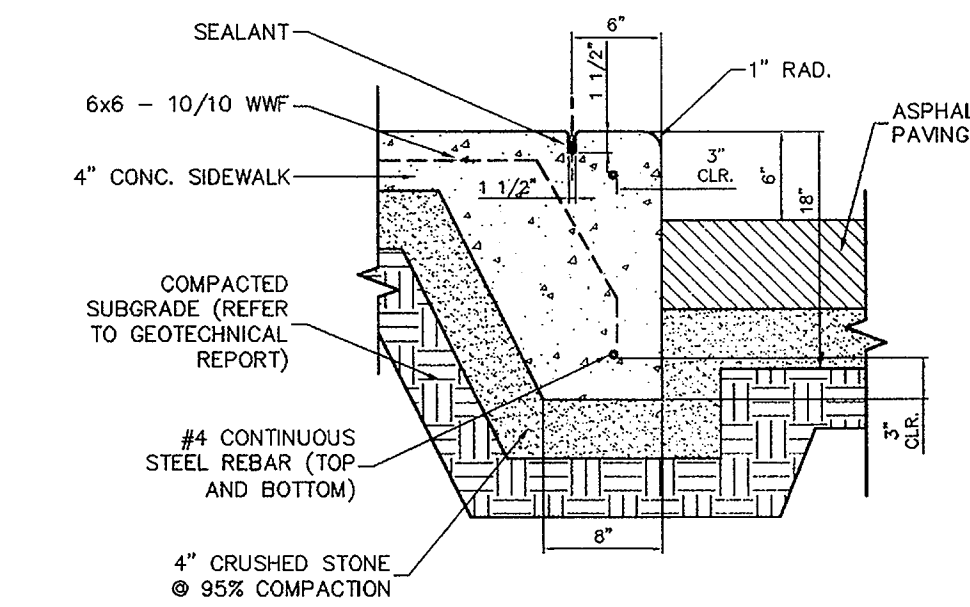
7. Geotextile Bags

1. Geotextile bags shall meet the criteria listed in Table 1.

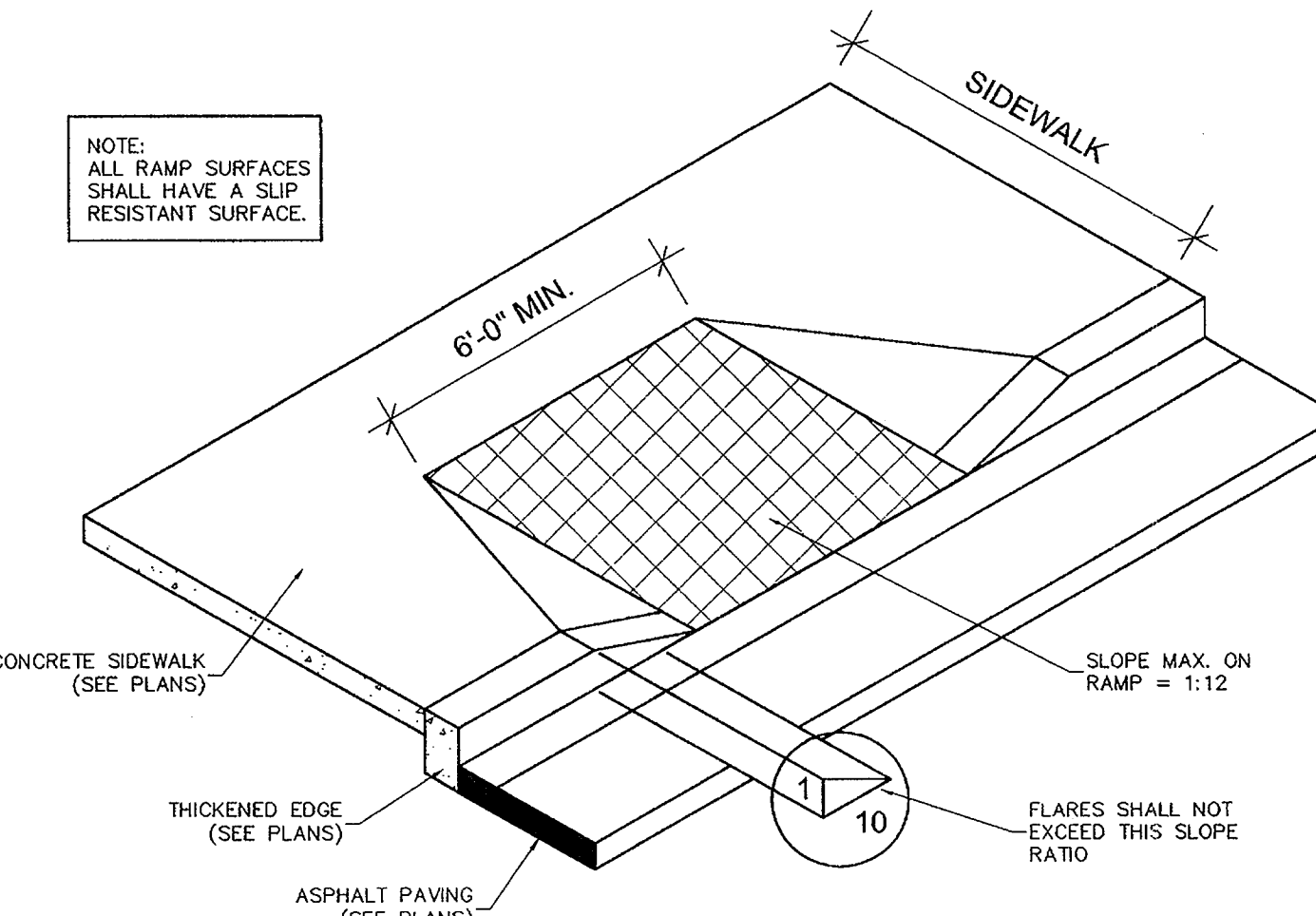
Table 1: Properties for Geotextile Bags

Property	Test Method	Type I Value	Type II
Value			
Maximum Apparent Opening Sizes	ASTM D-4751	0.212 mm	0.212 mm
Grab Tensile Strength	ASTM D-4632	200 lbs.	300 lbs.
Mullen Burst	ASTM D-3786	350 psi	580 psi
Permeability	ASTM D-4491	0.28 cm/sec	0.2 cm/sec
Fabric	Nominal Representative Weight	8 oz	12 oz

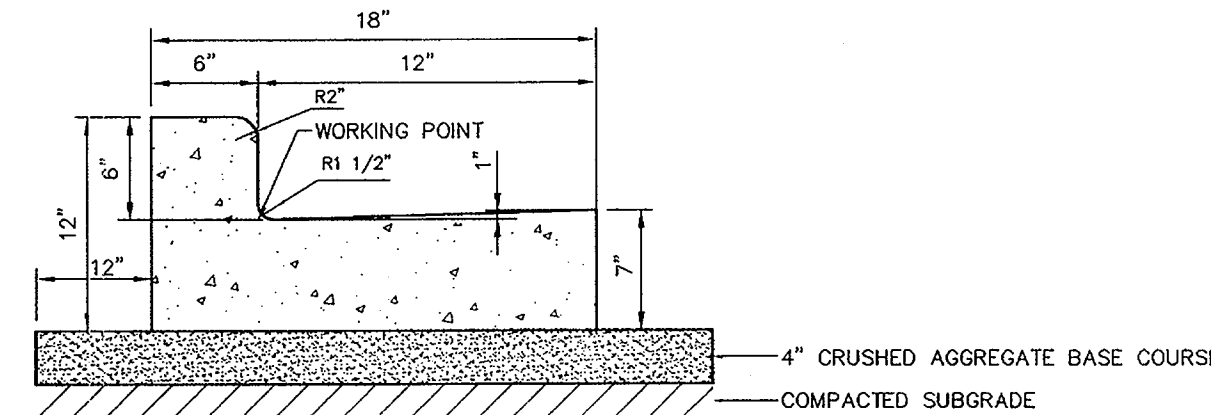
2. Geotextile bags shall be sized according to the particle size being trapped, expected flow or pumping rate (gallons per minute) per square foot of fabric and a 50% clogging factor. The footprint of the bag shall be no smaller than 100 square feet.
3. Geotextile bags shall be securely attached to the discharge pipe.
4. Polymers can be used to enhance the efficiency of geotextile bags. If polymer is used, the polymer shall be approved by the WDNR and meet the criteria stipulated in WDNR Conservation Practice Standard 1051, Sediment Control Water Application of Polymers. The polymer supplier or applicator shall provide certifications showing that products have met the performance requirements of Standard 1051. If the manufacturer has not completed the required testing, the project may be used to gain that certification provided it meets the site requirements of Standard 1051. Any such testing will be monitored by DNR or WisDOT, with testing done by a qualified third party.



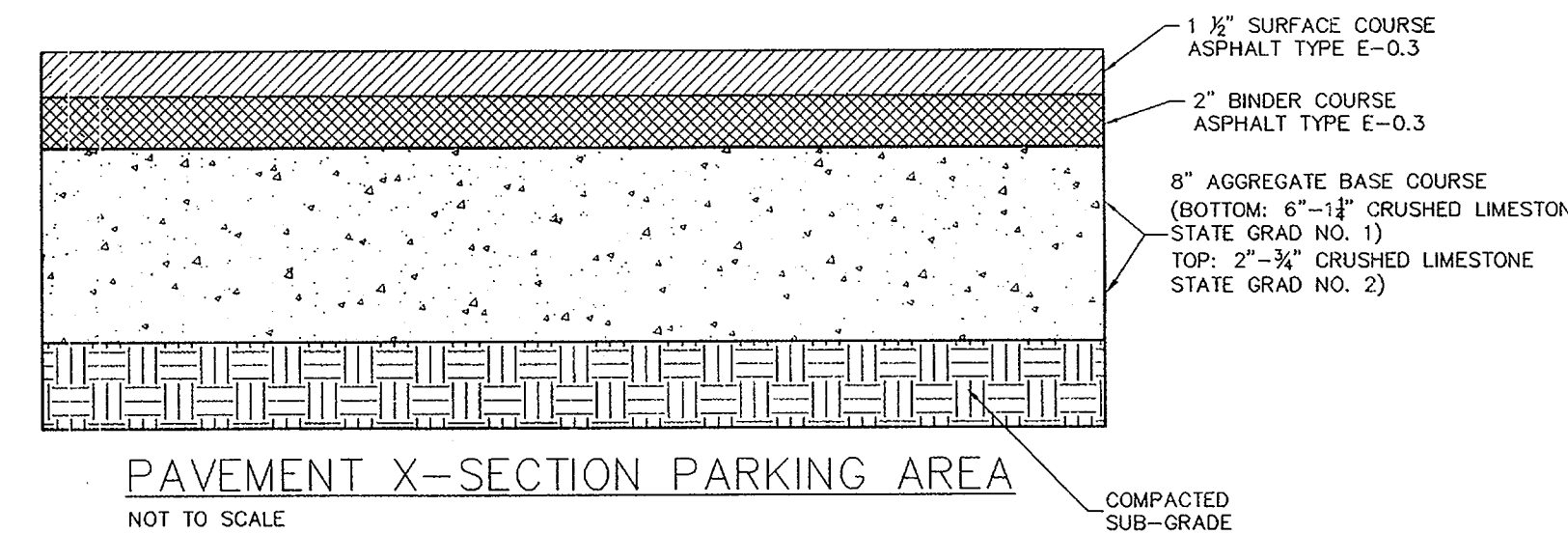
CURB AND SIDEWALK DETAIL
NOT TO SCALE



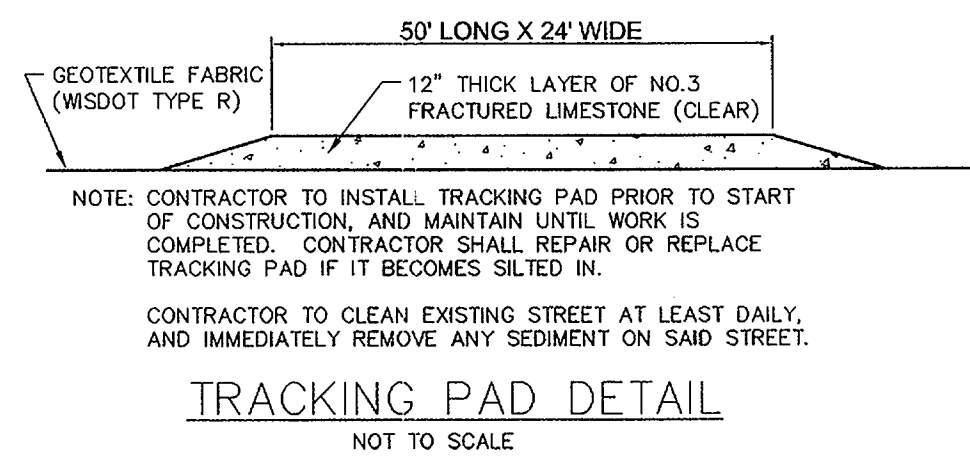
CURB RAMP DETAIL
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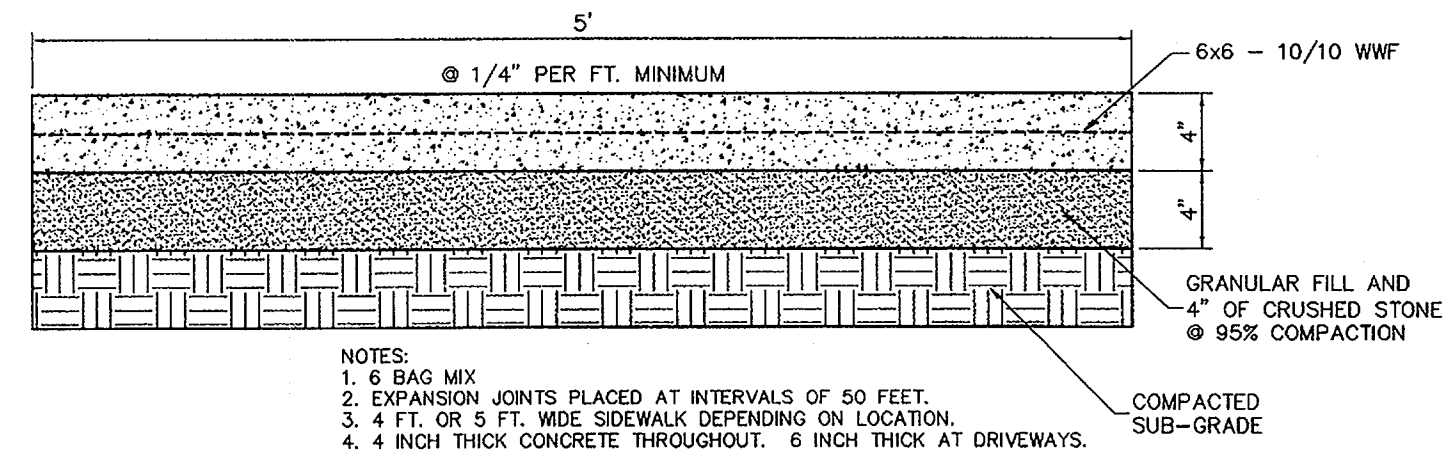
TYPICAL STANDARD CONCRETE CURB & GUTTER
NOT TO SCALE



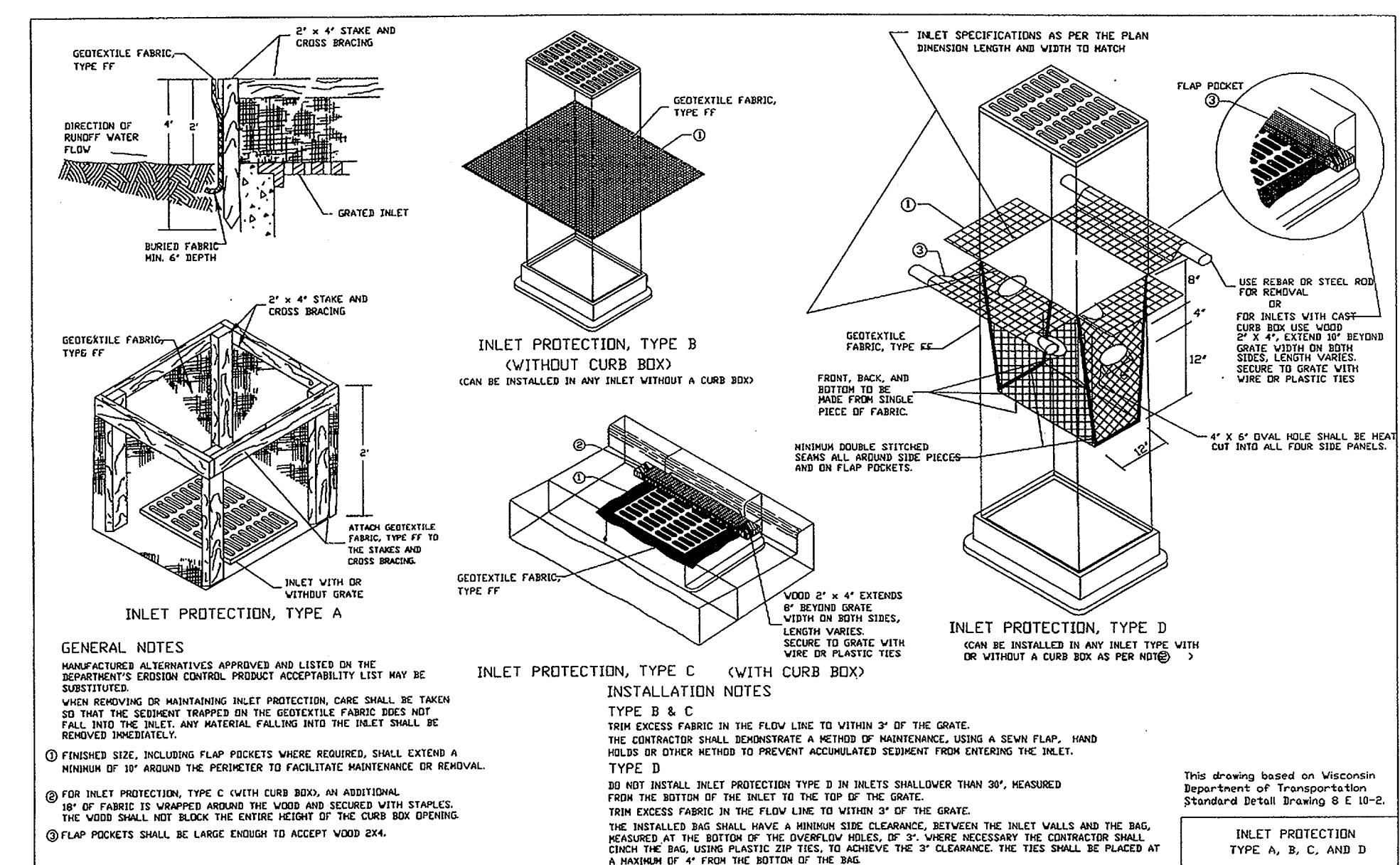
PAVEMENT X-SECTION PARKING AREA
NOT TO SCALE



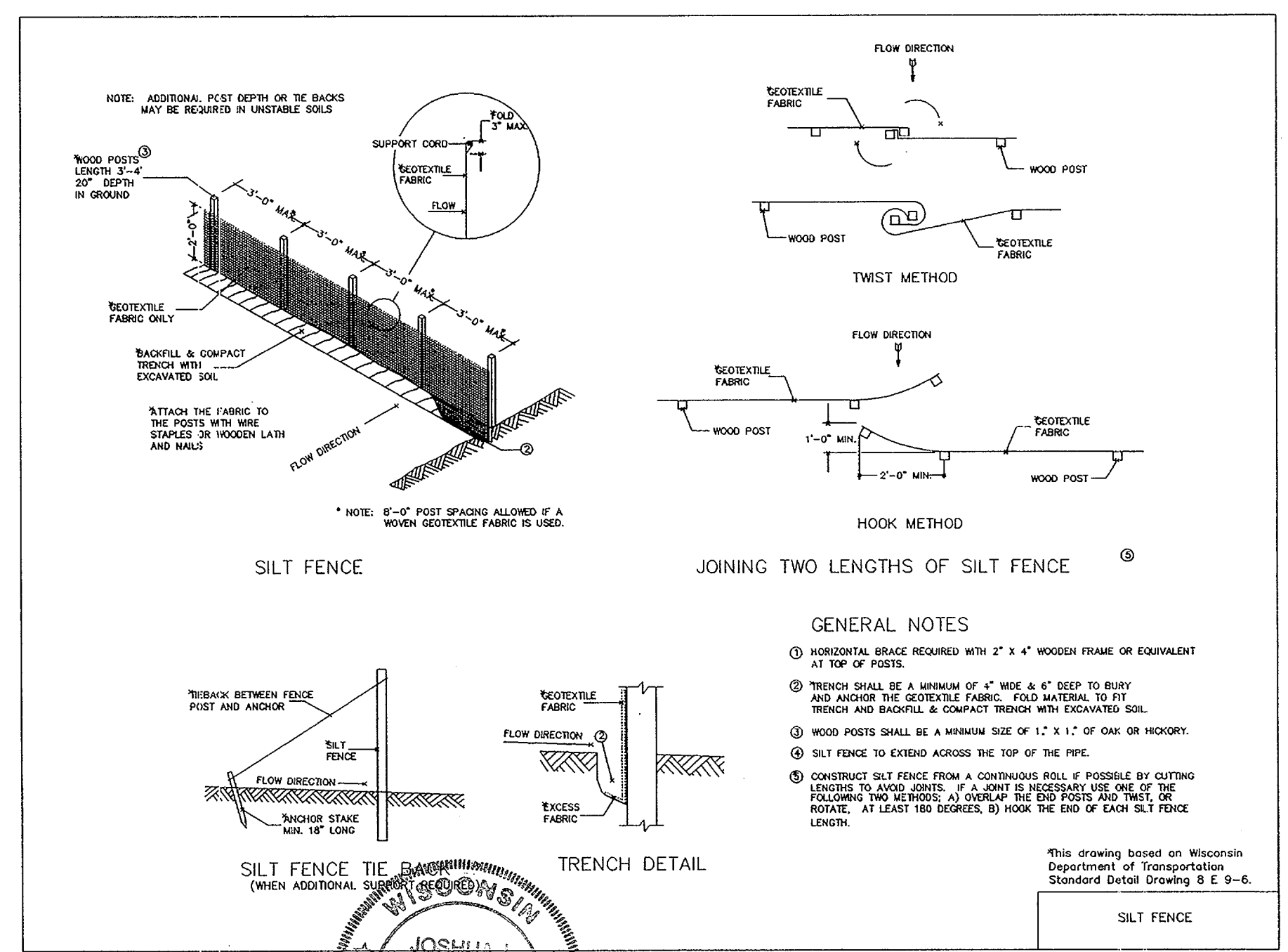
TRACKING PAD DETAIL
NOT TO SCALE



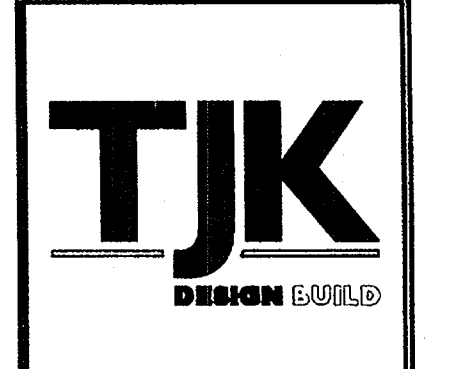
CONCRETE WALK DETAIL
NOT TO SCALE



INVERTED CONCRETE CURB AND GUTTER
NOT TO SCALE



DETAILS



612 WEST MAIN STREET
MADISON, WI 53703
608-257-1090
FAX 608-257-1092

REV	DATE

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SUNSET DRIVE
WAUKESHA, WISCONSIN
FILE NAME: S:\PROJECTS\58396.dwg
FILE NO. WAUKESHA 1169
BOOK: WAUKESHA 191
JOB: S-8396

PROPOSED FACILITY FOR:
KLINKE COMMERCIAL DEVELOPMENT
JAHNIKE & JAHNIKE ASSOCIATES INC.
PLANNERS & PROFESSIONAL ENGINEERS
711 W. MORELAND BLVD., WAUKESHA, WI 53188
TEL. NO. (262)542-8797 FAX (262)542-7696
E-MAIL: jrahnik@jahnikinc.com

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