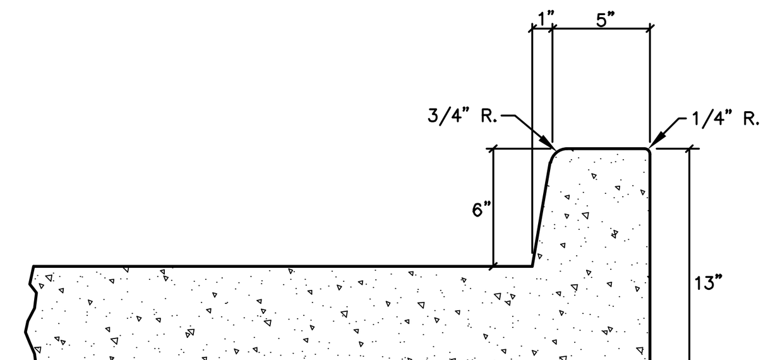
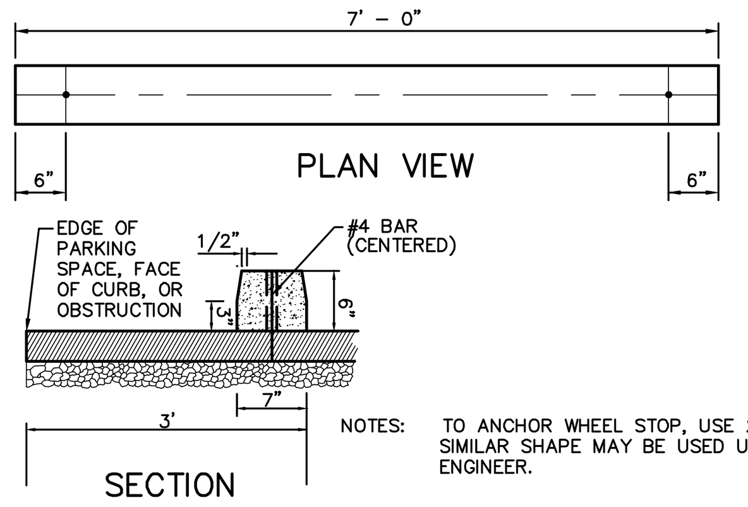


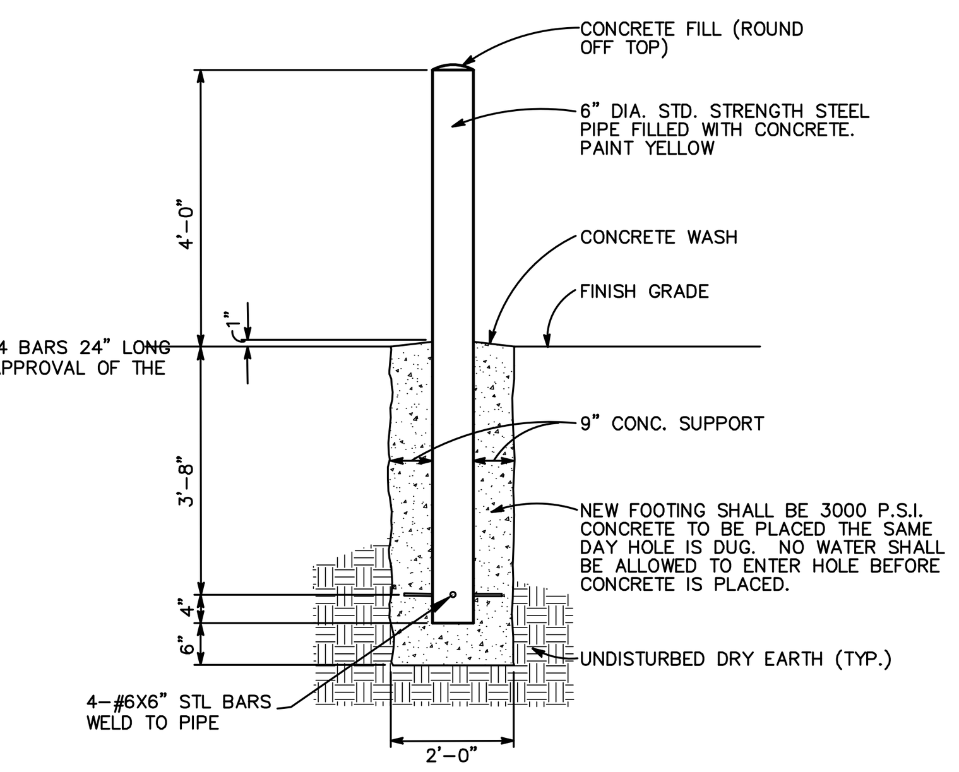
TYPE "A" INTEGRAL CURB
N.T.S.

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS

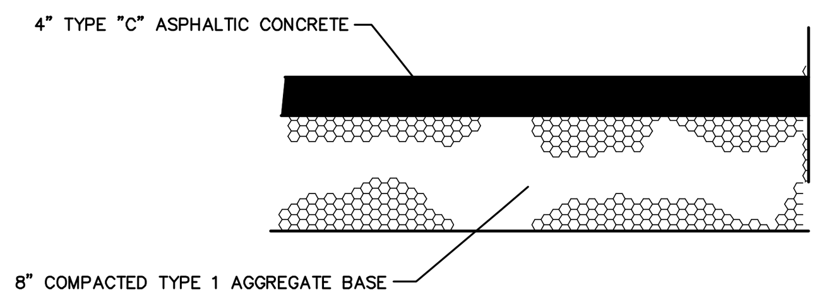


NOTES: TO ANCHOR WHEEL STOP, USE 2 - #4 BARS 24" LONG SIMILAR SHAPE MAY BE USED UPON APPROVAL OF THE ENGINEER.

PRECAST CONCRETE WHEELSTOP

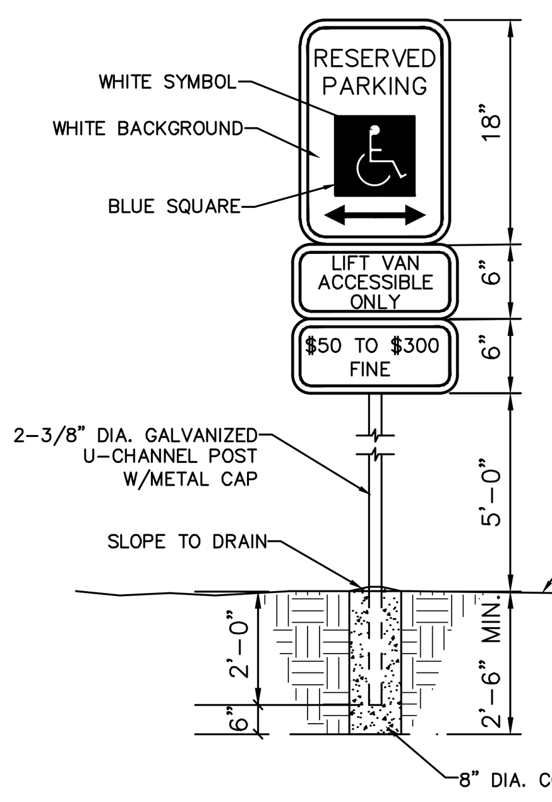


PIPE BOLLARD DETAIL
NOT TO SCALE



ASPHALT PAVEMENT DRIVE AISLE DETAIL
NOT TO SCALE

* THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY.



SIGN DESIGNATIONS ARE FROM THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

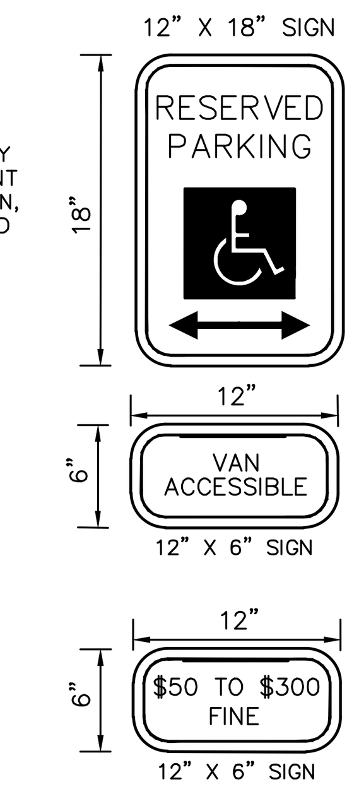
STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE, GALVANIZED U-CHANNEL POST 9'-6" LONG, SET 2'-0" INTO GRADE, SET BOTTOM OF "FINE" SIGN 5'-0" ABOVE FINISHED GRADE.

REFER TO NOTE RN#19 ON SHEET 2 FOR POST, BACK, AND BRACKET COLOR

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

SIGN TO BE CENTERED ON THE SPACE

ACCESSIBLE VAN ONLY PARKING SIGN
NOT TO SCALE



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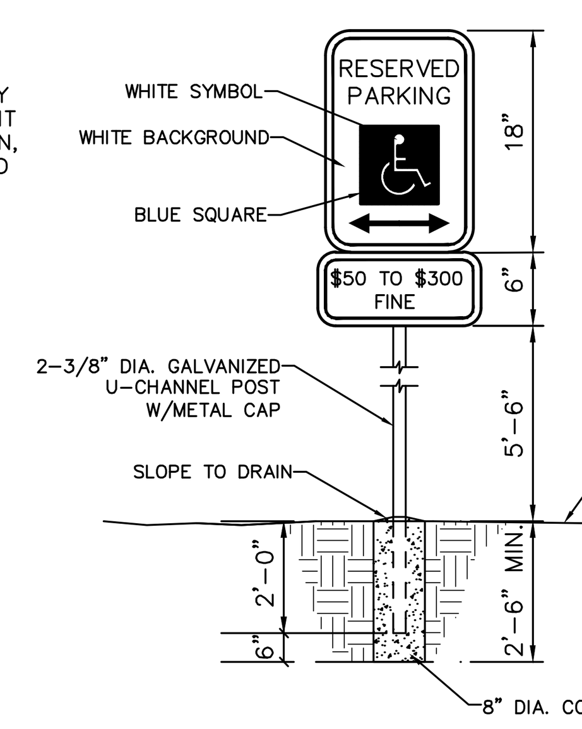
STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE.

REFER TO NOTE RN#19 ON SHEET 2 FOR POST, BACK, AND BRACKET COLOR

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

SIGN TO BE CENTERED ON THE SPACE

ACCESSIBLE VAN PARKING SIGN
NOT TO SCALE



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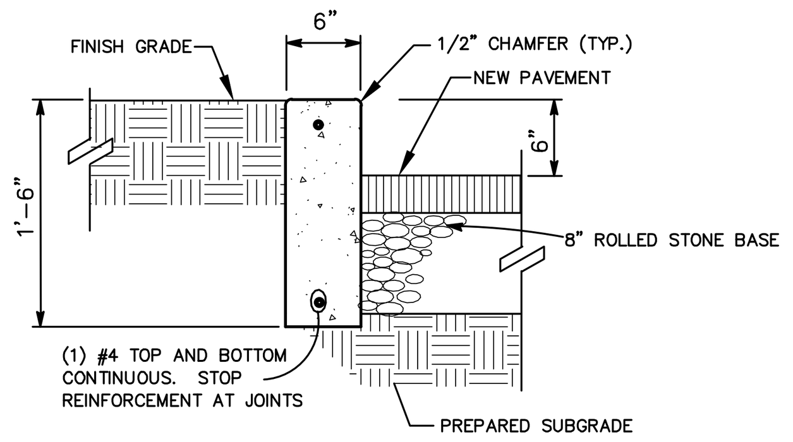
REFER TO NOTE RN#19 ON SHEET 2 FOR POST, BACK, AND BRACKET COLOR

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

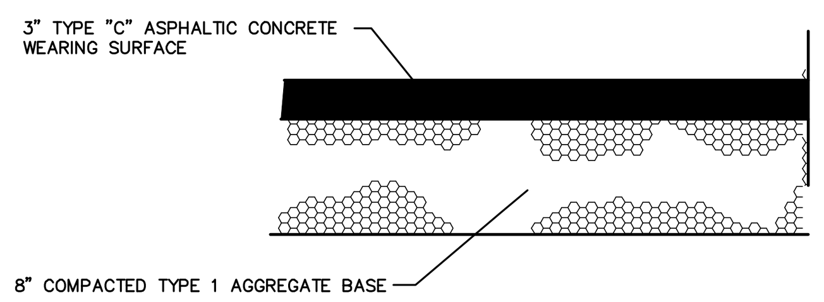
SIGN TO BE CENTERED ON THE SPACE

ACCESSIBLE CAR PARKING SIGN
NOT TO SCALE



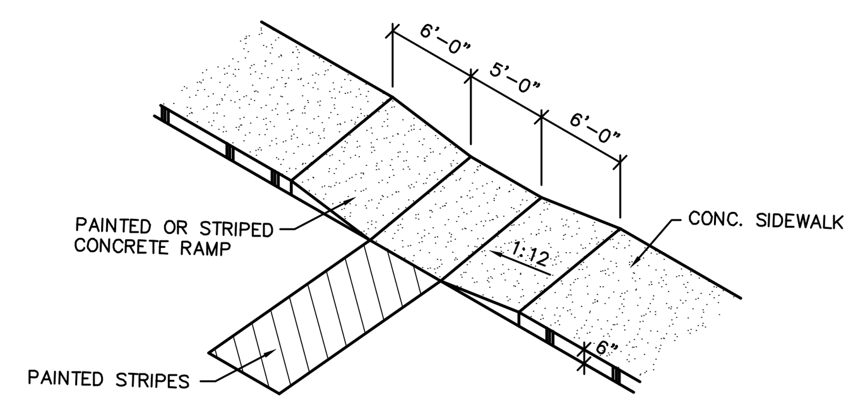
CONCRETE CURB DETAIL
NOT TO SCALE

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS

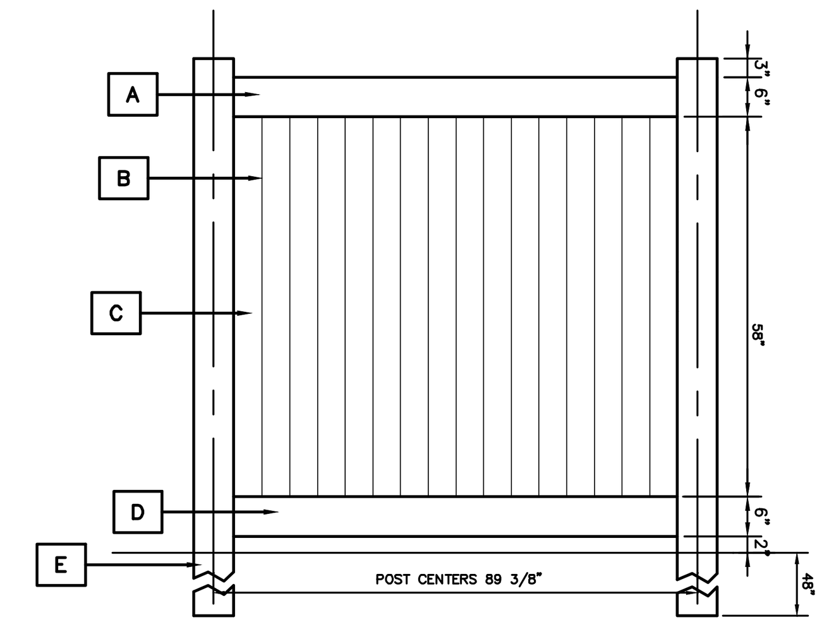


ASPHALT PAVEMENT DETAIL
NOT TO SCALE

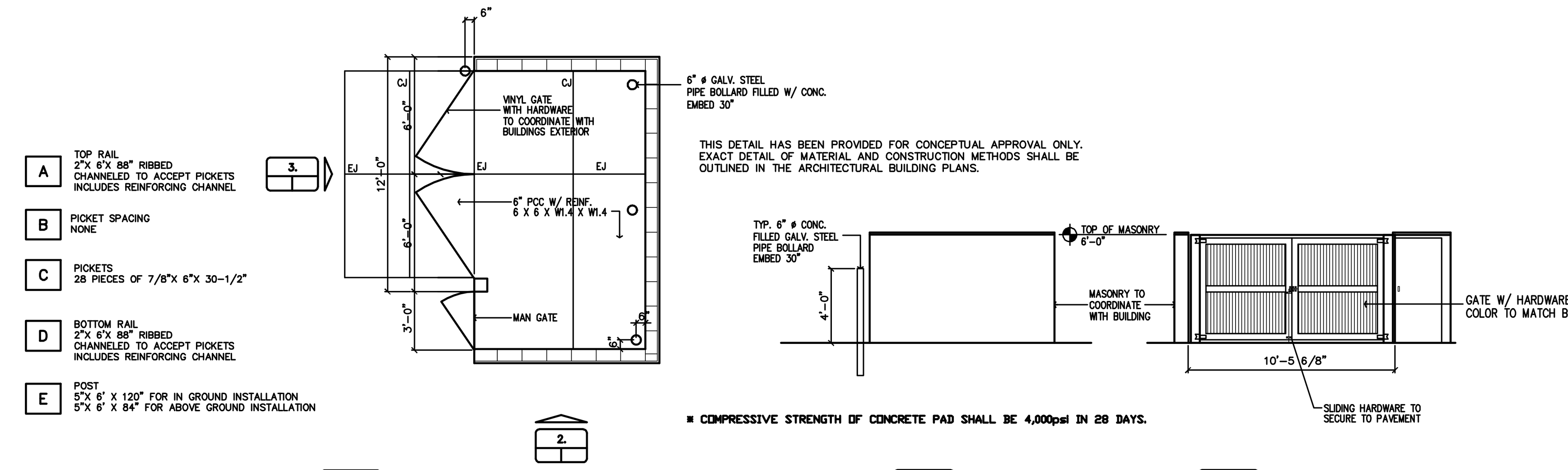
* THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY.



HANDICAPPED RAMP DETAIL
NOT TO SCALE



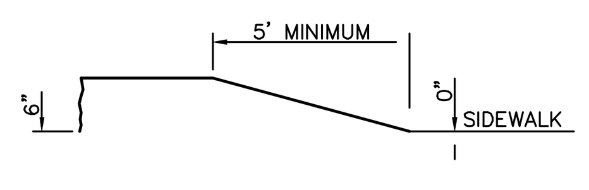
6' HIGH VINYL PRIVACY FENCE
NOT TO SCALE



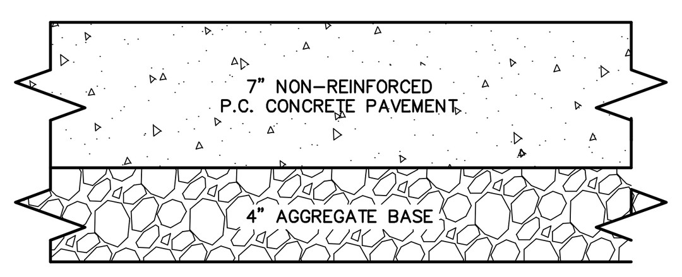
1. TRASH ENCLOSURE PLAN
NOT TO SCALE

2. ELEVATION
NOT TO SCALE

3. ELEVATION
NOT TO SCALE

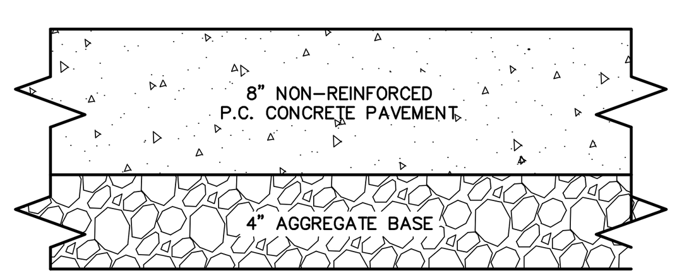


CURB TRANSITION DETAIL



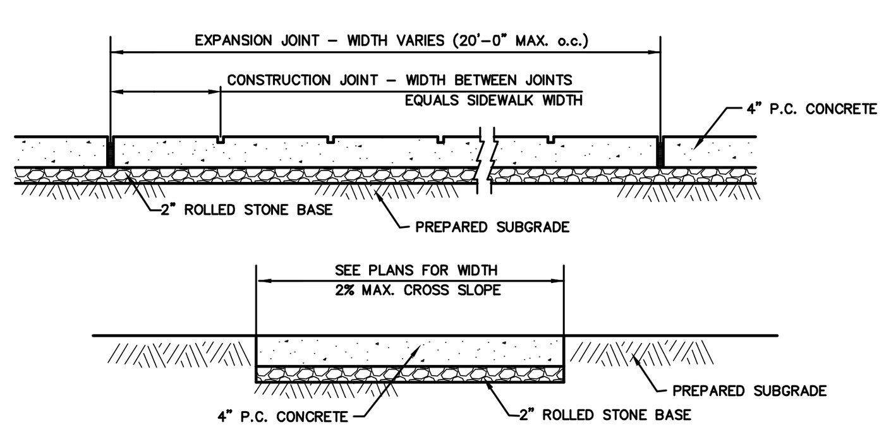
7" CONCRETE PAVEMENT DETAIL
NOT TO SCALE

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS



8" CONCRETE PAVEMENT DETAIL (TRASH ENCLOSURE PAD)
NOT TO SCALE

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS



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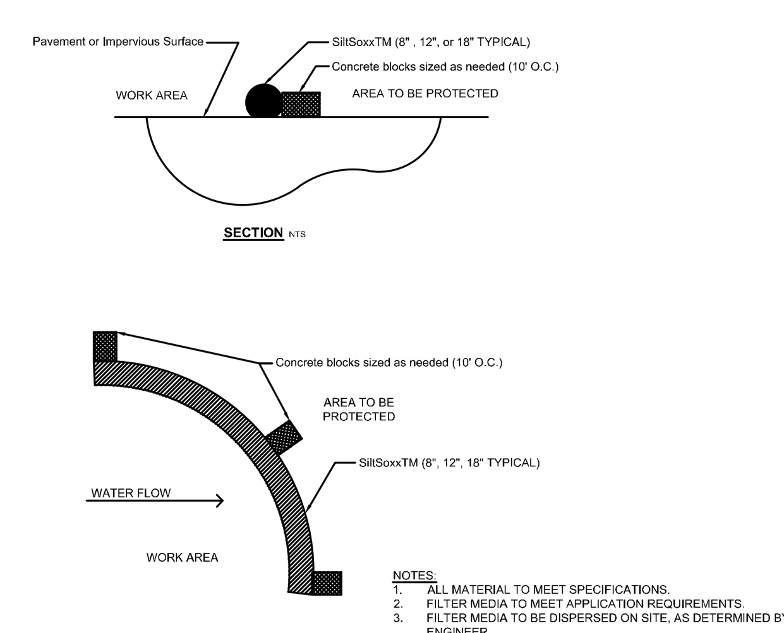
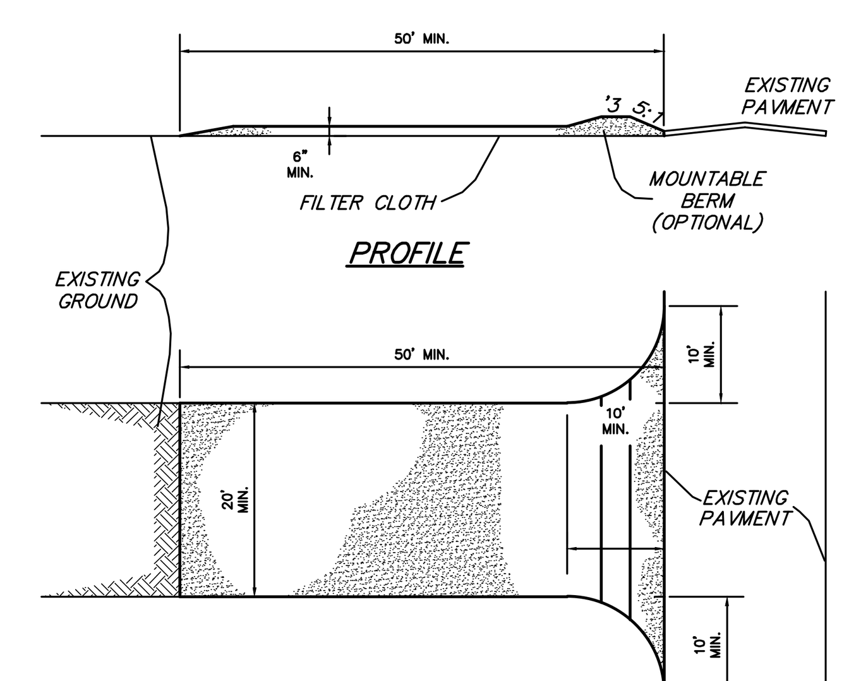
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



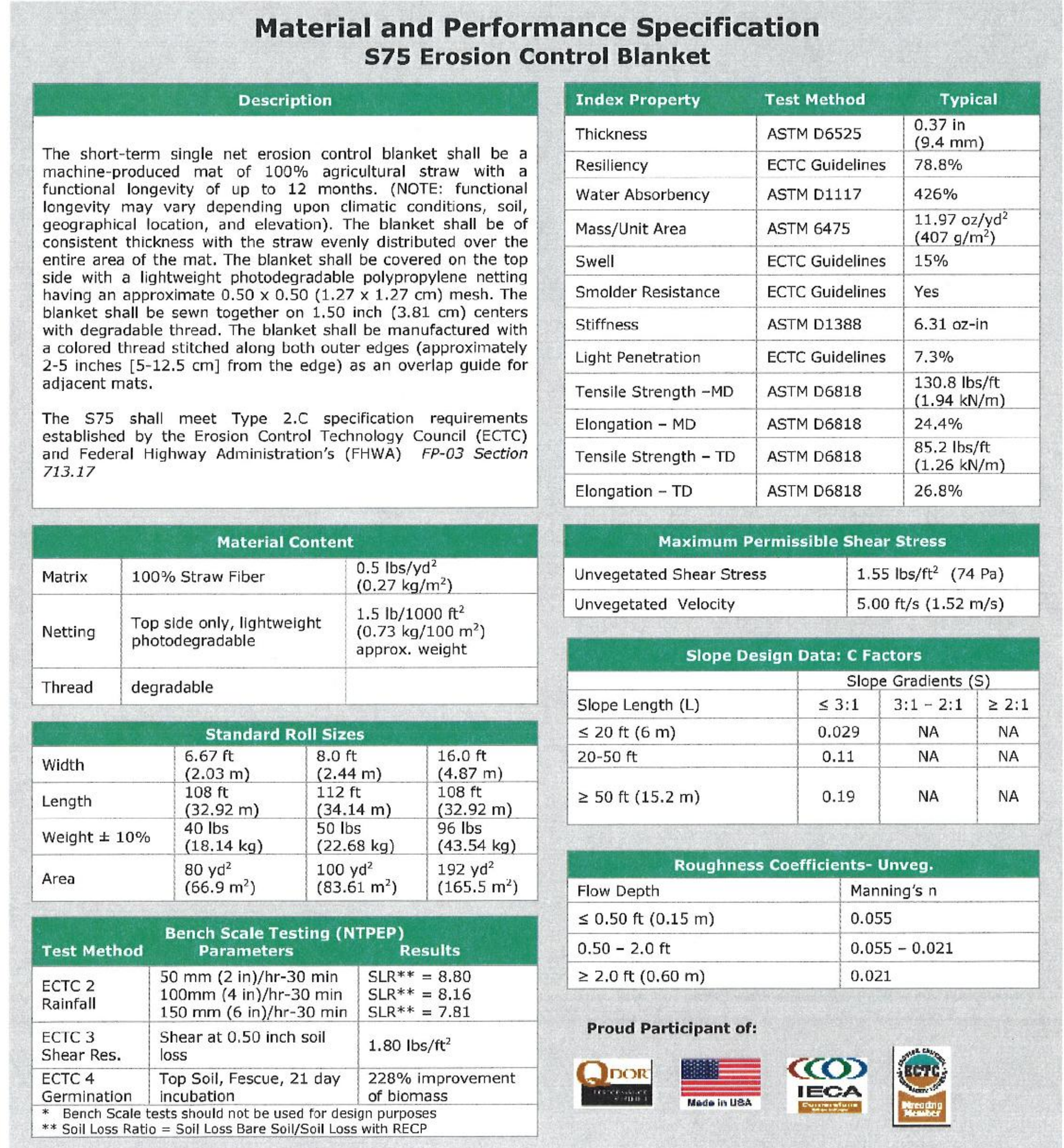
SiltSoxxTM for Sediment Control on Pavement
NTS

STABILIZED CONSTRUCTION ENTRANCE



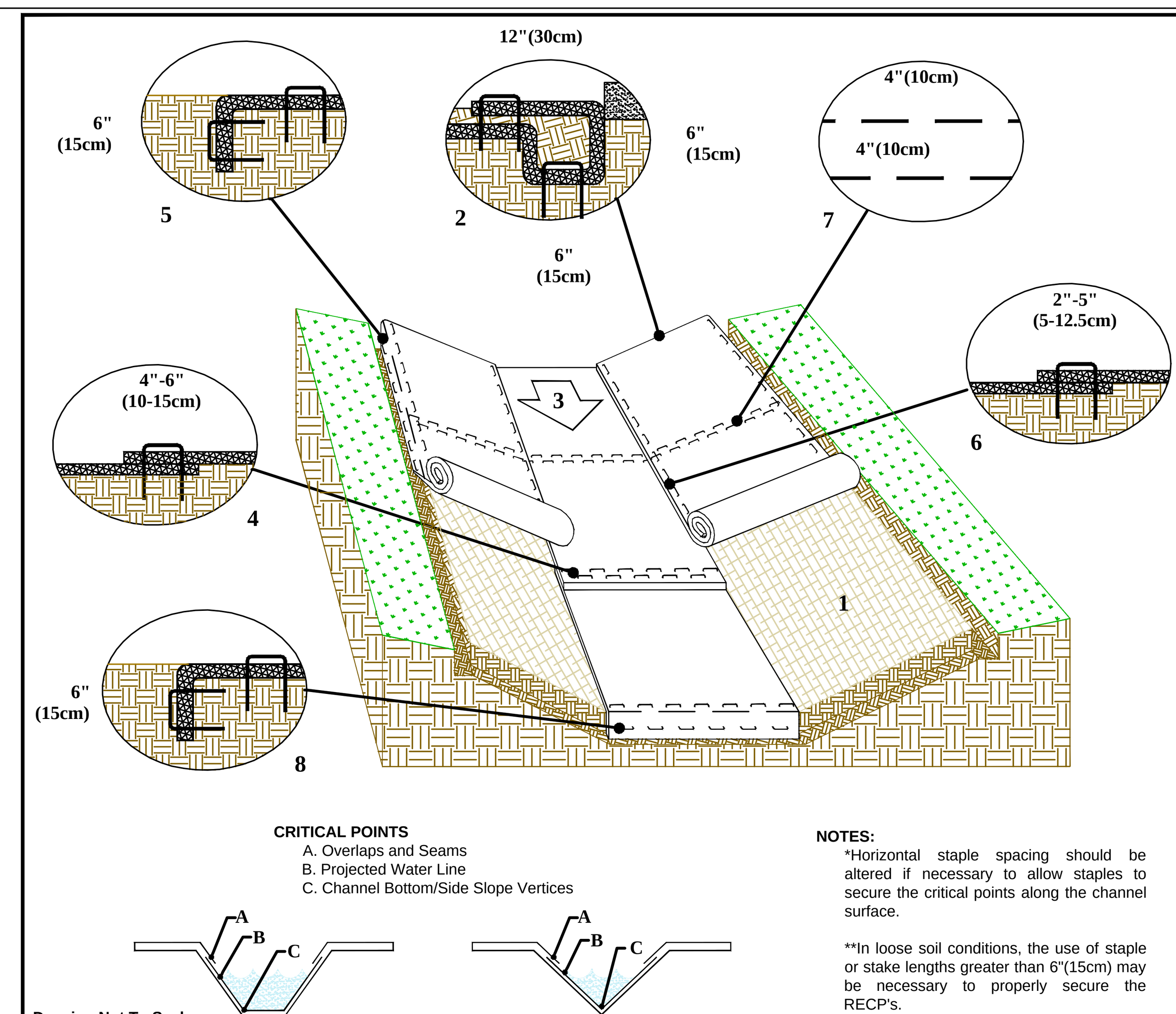
CONSTRUCTION SPECIFICATIONS

1. Stone Size – Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length – As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness – Not less than six (6) inches.
4. Width – Twenty (20) foot minimum, but not less than the full width at points where ingress or egress
5. Filter Cloth – Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights–of–way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights–of–way must be removed immediately.
8. Washing – Wheels shall be cleaned to remove sediment prior to entrance onto public rights–of–way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain occurs.



Tensar International Corporation
5401 St. Wendel-Cynthiana Road
Poseyville, Indiana 47633

Material and Performance Specification
S75 Erosion Control Blanket



CRITICAL POINTS
A. Overlaps and Seams
B. Projected Water Line
C. Channel Bottom/Side Slope Vertices

NOTES:
*Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.

**In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the RECPs.

Drawing Not To Scale

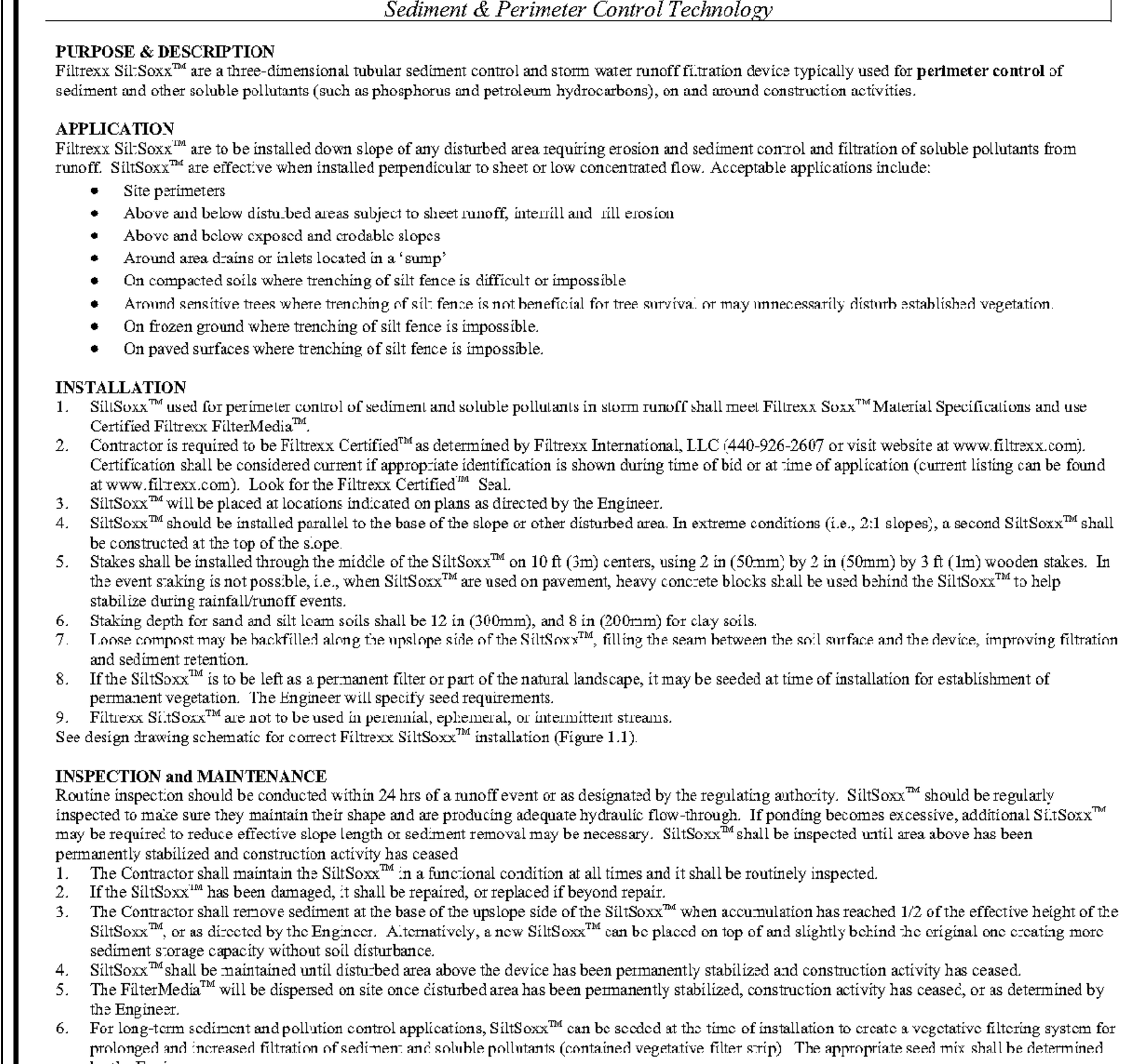
Tensar. NORTH AMERICAN GREEN
5401 St. Wendel - Cynthiana Rd. Poseyville, IN 47633
PH: 800-722-2040 www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 3-16-11

CHANNEL INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the channel by anchoring the RECPs in a 6"(15cm) deep X 6"(15cm) wide trench with approximately 12"(30cm) of RECPs extended beyond the up-slope portion of the trench. Use ShoreMax mat at the channel/culvert outlet as supplemental scour protection as needed. Anchor the RECPs with a row of staples/stakes approximately 12"(30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12"(30cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12" apart across the width of the RECPs.
3. Roll center RECPs in direction of water flow in bottom of channel. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. Place consecutive RECPs end-over-end (Shingle style) with a 4"-6" overlap. Use a double row of staples staggered 4" apart and 4" on center to secure RECPs.
5. Full length edge of RECPs at top of side slopes must be anchored with a row of staples/stakes approximately 12"(30cm) apart in a 6"(15cm) deep X 6"(15cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECPs must be overlapped approximately 2"-5" (5-12.5cm) (Depending on RECPs type) and stapled.
7. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9 -12m) intervals. Use a double row of staples staggered 4"(10cm) apart and 4"(10cm) on center over entire width of the channel.
8. The terminal end of the RECPs must be anchored with a row of staples/stakes approximately 12" (30cm) apart in a 6"(15cm) deep X 6"(15cm) wide trench. Backfill and compact the trench after stapling.



FILTREXX

SWPPP Cut Sheet
Last Updated: 7-1-07

Section 1: Erosion and Sediment Control – Construction Activities
1.1 Filtrexx SiltSoxx™
Sediment & Perimeter Control Technology

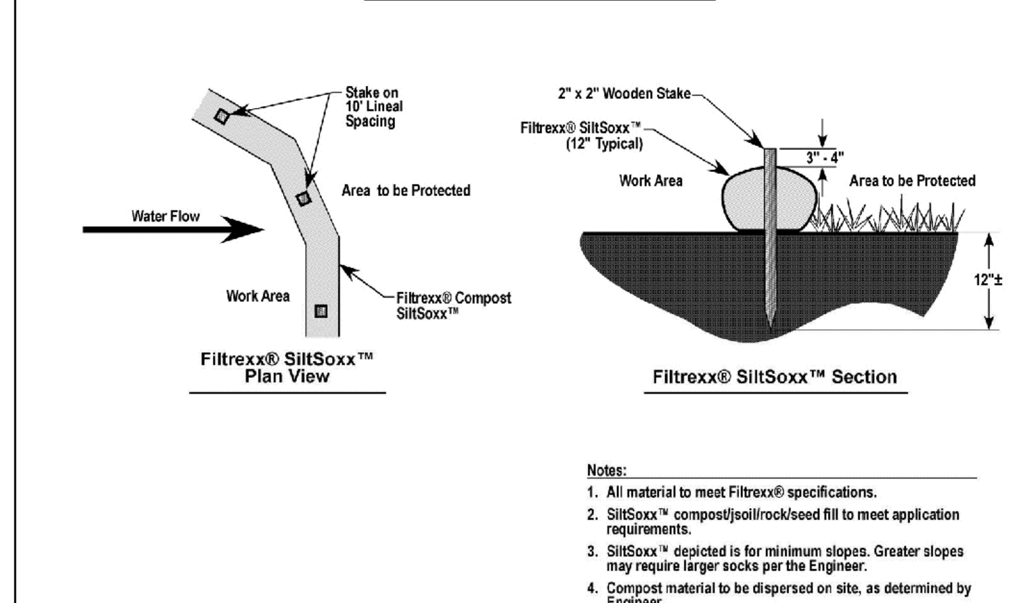
PURPOSE & DESCRIPTION

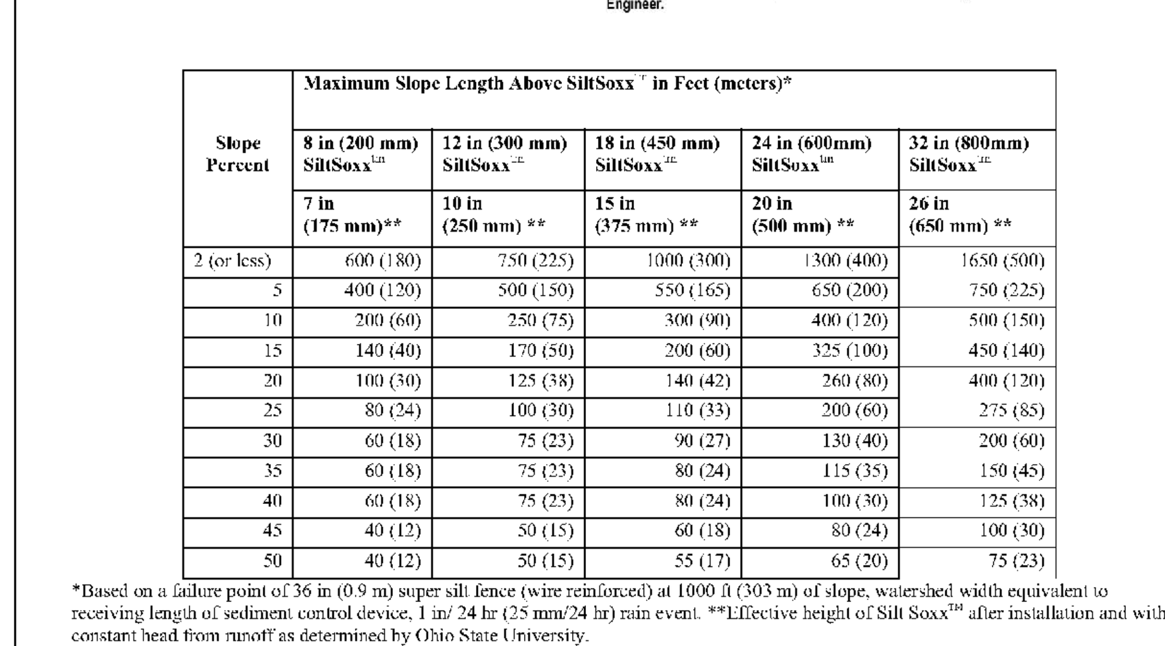
APPLICATION

INSTALLATION

INSPECTION AND MAINTENANCE

Filtrexx® SiltSoxx™ Details





ENGINEER SEAL DOES NOT APPLY TO TENSAR AND FILTREXX DETAILS

PROJECT TITLE:
CONSTRUCTION PLANS FOR DYNAFLEX
8050 HAWK RIDGE TRAIL
O'FALLON, MISSOURI 63376

Bax Project #19-17667 | Issue Date: 12/06/2019

ENGINEERING PLANNING SURVEYING
221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

STATE OF MISSOURI
LARRY DAVID WALKER
NUMBER PE-2007020343
PROFESSIONAL ENGINEER
03/16/20

Larry D. Walker
Civil Engineer
2007020343

REVISIONS

1–21–20	DCSD COMMENTS
1–31–20	DCSD/PWSD/FIRE COMMENTS
2–11–20	CITY/FIRE COMMENTS
2–12–20	PWSD COMMENTS
2–20–20	MODOT COMMENTS
3–16–20	WATER TAP REVISION

Developer / Owner:
Duke Property Management L.L.C.
10403 International Plaza
St. Ann, Missouri 63074
(314) 426-4020

CONSTRUCTION DETAILS

P+Z No. #19-003530
Approval Date 11-07-19
City No. #