

GENERAL EROSION CONTROL NOTES:

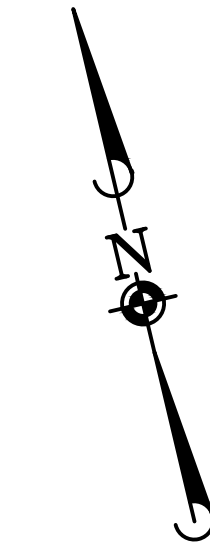
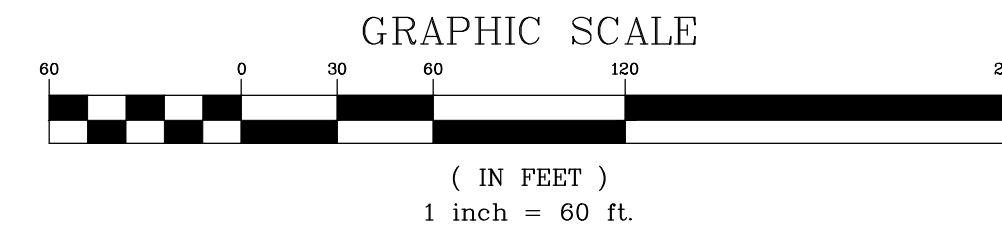
1. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
3. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE PERMITTING AGENCY, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
4. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM PHYSIOLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
5. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
6. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
7. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE PERMITTING AGENCY.
8. STORM SEWERS THAT AREA OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
9. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS.
10. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATIONS SYSTEMS MAY BE REQUIRED.
11. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
12. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

CONSTRUCTION SEQUENCE:

1. INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AT LOCATIONS AS INDICATED ON THE PLANS.
2. PROVIDE STABILIZED CONSTRUCTION ENTRANCE.
3. PERFORM WEEKLY AND "AFTER RAIN EVENT" INSPECTIONS STARTING UPON DISTURBANCE OF THE SITE (DEMOLITION OR INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES).
4. REMOVE TREES WHERE NECESSARY (CLEAR AND GRUB).
5. DEWATER INTO SEDIMENT REMOVAL CHANNEL, WHICH DISCHARGES TO AN UPLAND AREA. THE HOSE IN THE AREA BEING DEWATERED MUST BE ATTACHED TO A FLOATING DEVICE WITH A SCREEN.
6. INSTALL TEMPORARY COFFERDAM.
7. REMOVE BROKEN CONCRETE WALL.
8. STIP TOPSOIL, STOCK TOPSOIL AND GRADE SITE. THIS ACTIVITY MAY BE CONDUCTED UPON INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
9. PROVIDE SILT FENCE AROUND THE BASE OF THE STOCKPILES.
10. INSTALL CROSSVANES AS SHOWN ON PLANS.
11. COMPLETE TOPSOIL PLACEMENT AND PERMANENT SEEDING AND SODDING OF STORMWATER MANAGEMENT FACILITIES.
12. COMPLETE CONSTRUCTION OF SITE WITH PERMANENT STABILIZATION.
13. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

KANE-DUPAGE SOIL & WATER CONSERVATION DISTRICT STANDARD NOTES:

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
2. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
6. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
7. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS.



SOIL PROTECTION CHART

STABILIZATION CHART	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDINGS												
DORMANT SEEDINGS												
TEMPORARY SEEDINGS												
SOODING												
MULCHING												

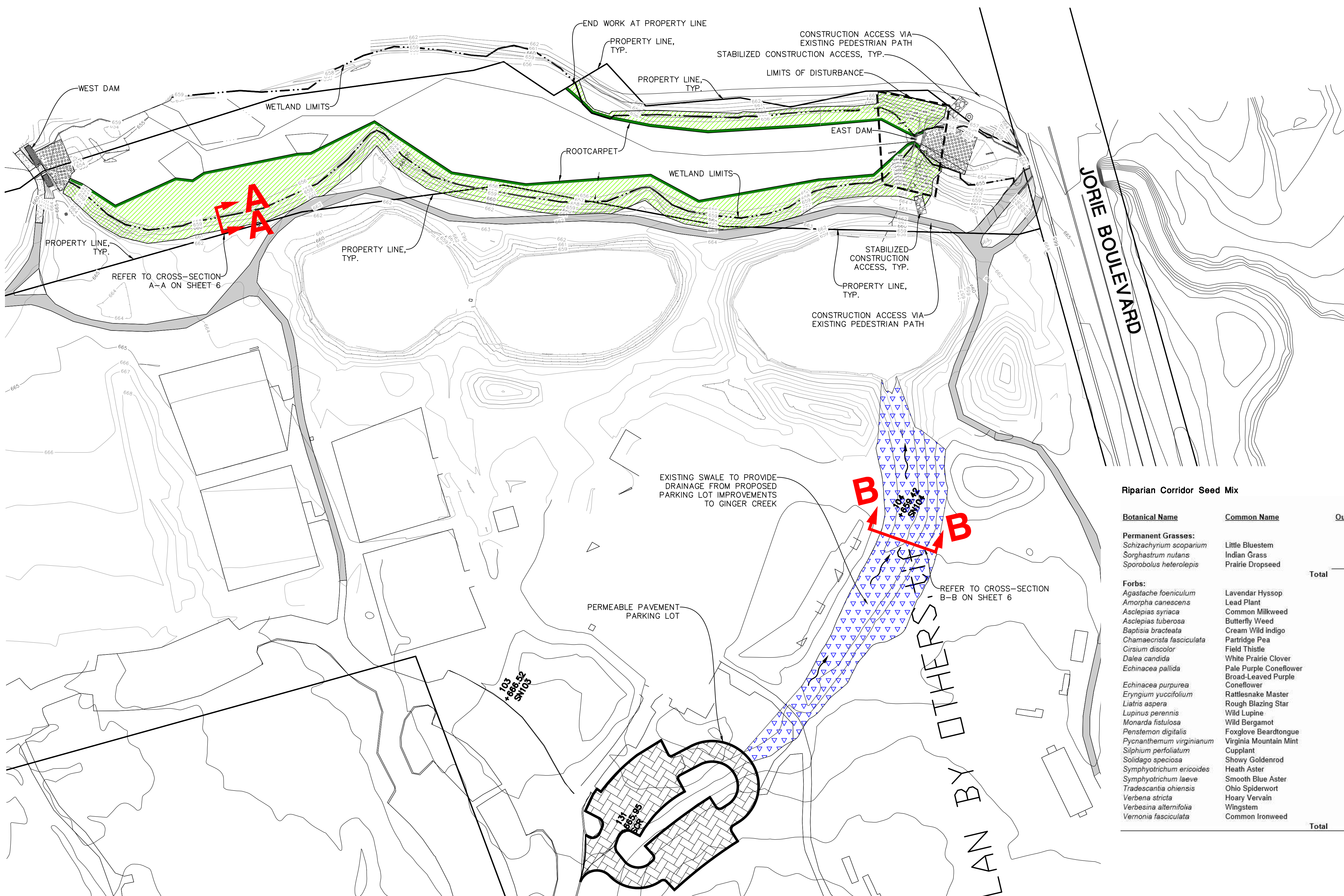
A - KENTUCKY BLUEGRASS 90 LBS./AC. MIXED WITH PERENNIAL RYEGRASS 30 LBS./AC.
 B - KENTUCKY BLUEGRASS 135 LBS./AC. MIXED WITH PERENNIAL RYEGRASS 45 LBS./AC. 2 TONS STRAW MULCH PER ACRE
 C - SPRING OATS
 D - WHEAT OR CEREAL RYE
 E - SOD (NURSERY GROWN KENTUCKY BLUEGRASS)
 F - STRAW MULCH 2 TONS PER ACRE
 * IRRIGATION NEEDED DURING JUNE, JULY AND SEPTEMBER
 ** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SODDING

NOTE: THIS CHART IS A GUIDE TO ASSIST THE CONTRACTOR IN UNDERSTANDING OPTIONS FOR SOIL STABILIZATION. THE LANDSCAPE PLAN SHALL TAKE PRECEDENCE OVER THIS CHART. ANY CONFLICT SHALL BE DISCUSSED WITH THE LANDSCAPE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.

LIMITS OF DISTURBANCE = 0.17 AC. (7,579.5 SF)

LEGEND

- RIPARIAN CORRIDOR SEED MIX (REFER TO SEED MIX DESCRIPTION BELOW)
- CARDNO ROOTCARPET NATIVE WETLAND VEGETATIVE MAT (REFER TO DETAIL ON SHEET 6)
- SWALE SEED MIX (REFER TO SEED MIX DESCRIPTION BELOW)
- PERMEABLE PAVEMENT PARKING LOT
- PEDESTRIAN PATH



Riparian Corridor Seed Mix

Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses:		
<i>Schizachyrium scoparium</i>	Little Bluestem	36.00
<i>Sorghastrum nutans</i>	Indian Grass	2.00
<i>Sporobolus heterolepis</i>	Prairie Dropseed	6.00
Total		44.00
Forbs:		
<i>Agastache foeniculum</i>	Lavendar Hyssop	2.00
<i>Amorpha canescens</i>	Lead Plant	2.00
<i>Asclepias syriaca</i>	Common Milkweed	11.00
<i>Asclepias tuberosa</i>	Butterfly Weed	2.00
<i>Baptisia bracteata</i>	Cream Wild indigo	1.00
<i>Chamaecrista fasciculata</i>	Partridge Pea	8.00
<i>Cirsium discolor</i>	White Prairie Clover	2.00
<i>Dalea candida</i>	Pale Purple Coneflower	3.50
<i>Echinacea pallida</i>	Broad-Leaved Purple Coneflower	8.00
<i>Echinacea purpurea</i>	Rattlesnake Master	4.00
<i>Eryngium yuccifolium</i>	Rough Blazing Star	1.00
<i>Liatris aspera</i>	Wild Lupine	4.00
<i>Lupinus perennis</i>	Wild Bergamot	2.00
<i>Monarda fistulosa</i>	Foxglove Beardtongue	1.50
<i>Penstemon digitalis</i>	Virginia Mountain Mint	0.50
<i>Pycnanthemum virginianum</i>	Cupplant	0.50
<i>Silphium perfoliatum</i>	Showy Goldenrod	2.00
<i>Solidago speciosa</i>	Heath Aster	0.50
<i>Symphotrichum ericoides</i>	Smooth Blue Aster	1.50
<i>Symphotrichum laeve</i>	Ohio Spiderwort	2.00
<i>Tradescantia ohioensis</i>	Hoary Vervain	2.00
<i>Verbena stricta</i>	Common Mountain Mint	0.50
<i>Verbesina alternifolia</i>	Common Arrowweed	0.25
<i>Vernonia fasciculata</i>	Brown-Eyed Susan	0.50
	Common Arrowweed	0.25
	Wild Senna	1.00
	Prairie Dock	1.00
	New England Aster	1.00
	Blue Vervain	1.50
	Golden Alexanders	0.75
Total		66.50

Swale Seed Mix

Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses/Sedges:		
<i>Andropogon gerardii</i>	Big Bluestem	4.00
<i>Carex comosa</i>	Bristly Sedge	2.50
<i>Carex cristatella</i>	Crested Oval Sedge	2.00
<i>Carex lurida</i>	Bottlebrush Sedge	2.50
<i>Carex spp.</i>	Prairie Sedge Mix	8.00
<i>Carex vulpinoidea</i>	Brown Fox Sedge	4.00
<i>Elymus virginicus</i>	Virginia Wild Rye	8.00
<i>Glyceria striata</i>	Fowl Marna Grass	1.00
<i>Panicum virgatum</i>	Switch Grass	2.00
<i>Scirpus atrovirens</i>	Dark Green Rush	2.00
<i>Scirpus cyperinus</i>	Wool Grass	1.00
<i>Spartina pectinata</i>	Prairie Cord Grass	3.00
Total		40.00
Temporary Cover:		
<i>Avena sativa</i>	Common Oat	360.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
Total		460.00
Forbs:		
<i>Alisma spp.</i>	Water Plantain (Various Mix)	1.00
<i>Asclepias incarnata</i>	Swamp Milkweed	2.00
<i>Coreopsis tripteris</i>	Tall Coreopsis	1.00
<i>Eutrochium maculatum</i>	Spotted Joe-Pye Weed	0.25
<i>Iris virginica</i>	Blue Flag	4.00
<i>Liatris spicata</i>	Marsh Blazing Star	1.00
<i>Lobelia cardinalis</i>	Cardinal Flower	0.25
<i>Lobelia siphilitica</i>	Great Blue Lobelia	0.50
<i>Lycopus americanus</i>	Common Water Horehound	0.25
<i>Pycnanthemum virginianum</i>	Common Mountain Mint	0.50
<i>Rudbeckia triloba</i>	Brown-Eyed Susan	0.50
<i>Sagittaria latifolia</i>	Common Arrowhead	0.25
<i>Senna hebecarpa</i>	Wild Senna	1.00
<i>Silphium terebinthinaceum</i>	Prairie Dock	1.00
<i>Symphotrichum novae-angliae</i>	New England Aster	1.00
<i>Verbena hastata</i>	Blue Vervain	1.50
<i>Zizia aurea</i>	Golden Alexanders	0.75
Total		16.75

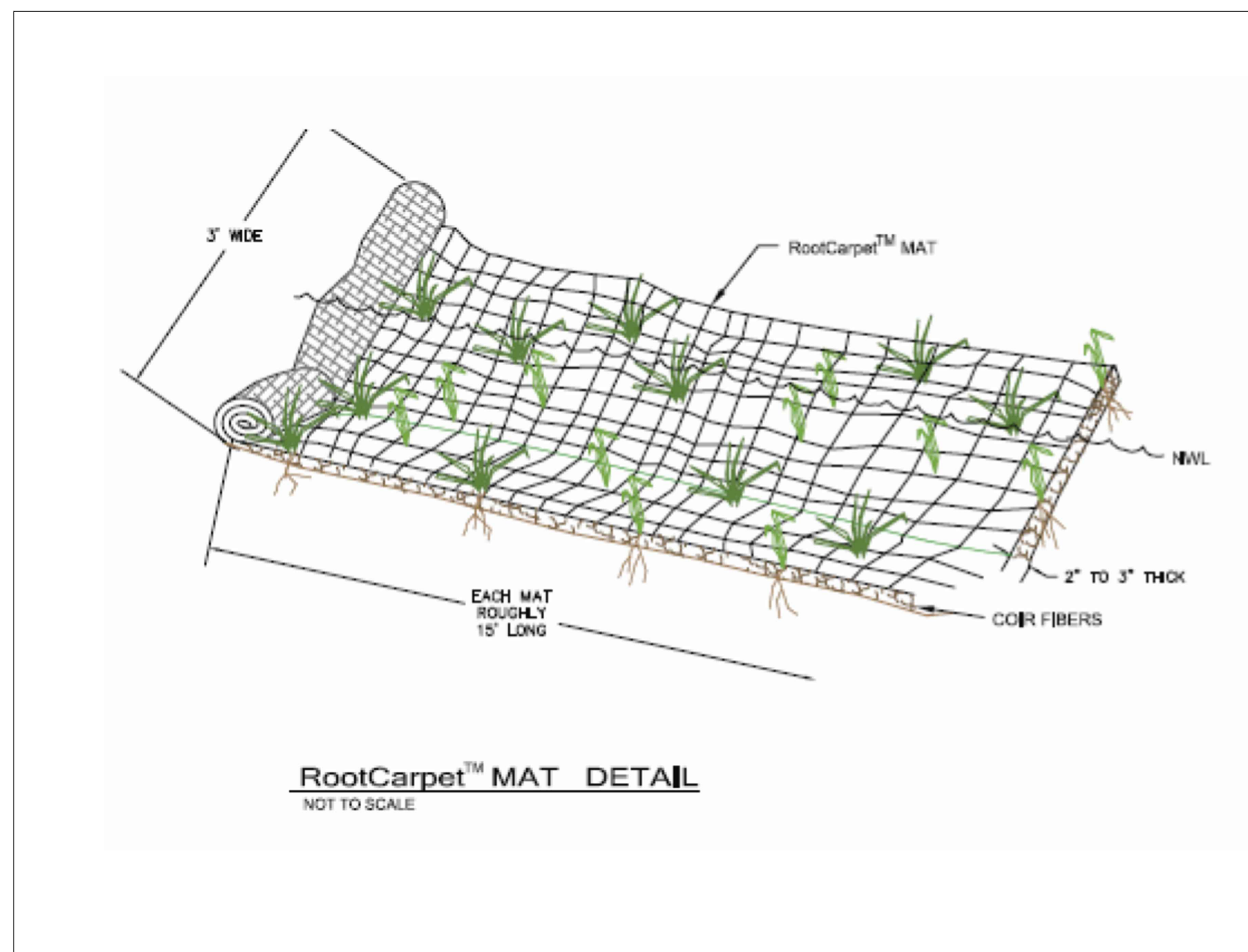
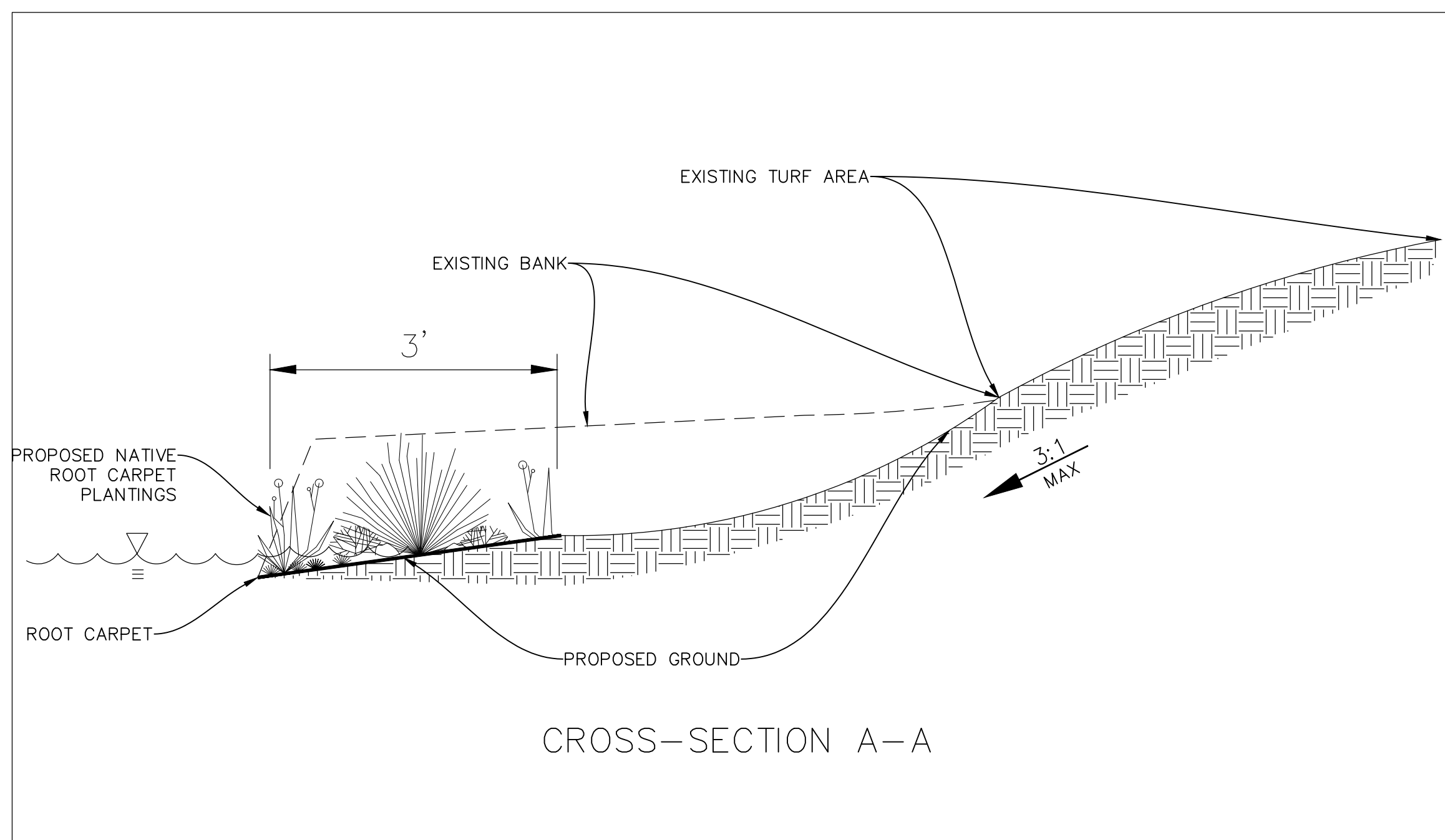
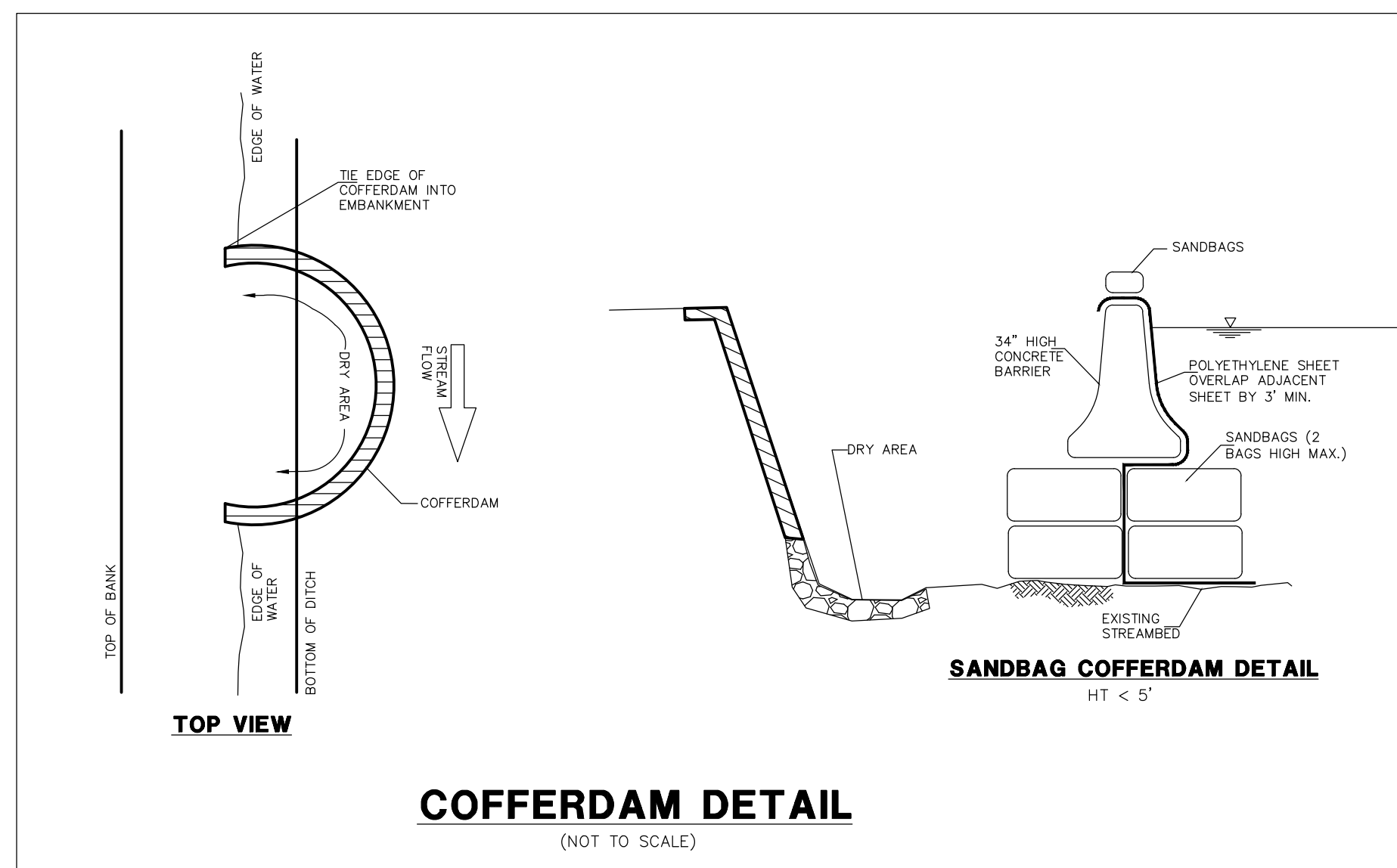
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OAK BROOK P.D. GINGER CREEK DAM REMOVAL & RESTORATION
VILLAGE OF OAKBROOK, DUPAGE COUNTY, ILLINOIS
RESTORATION PLAN

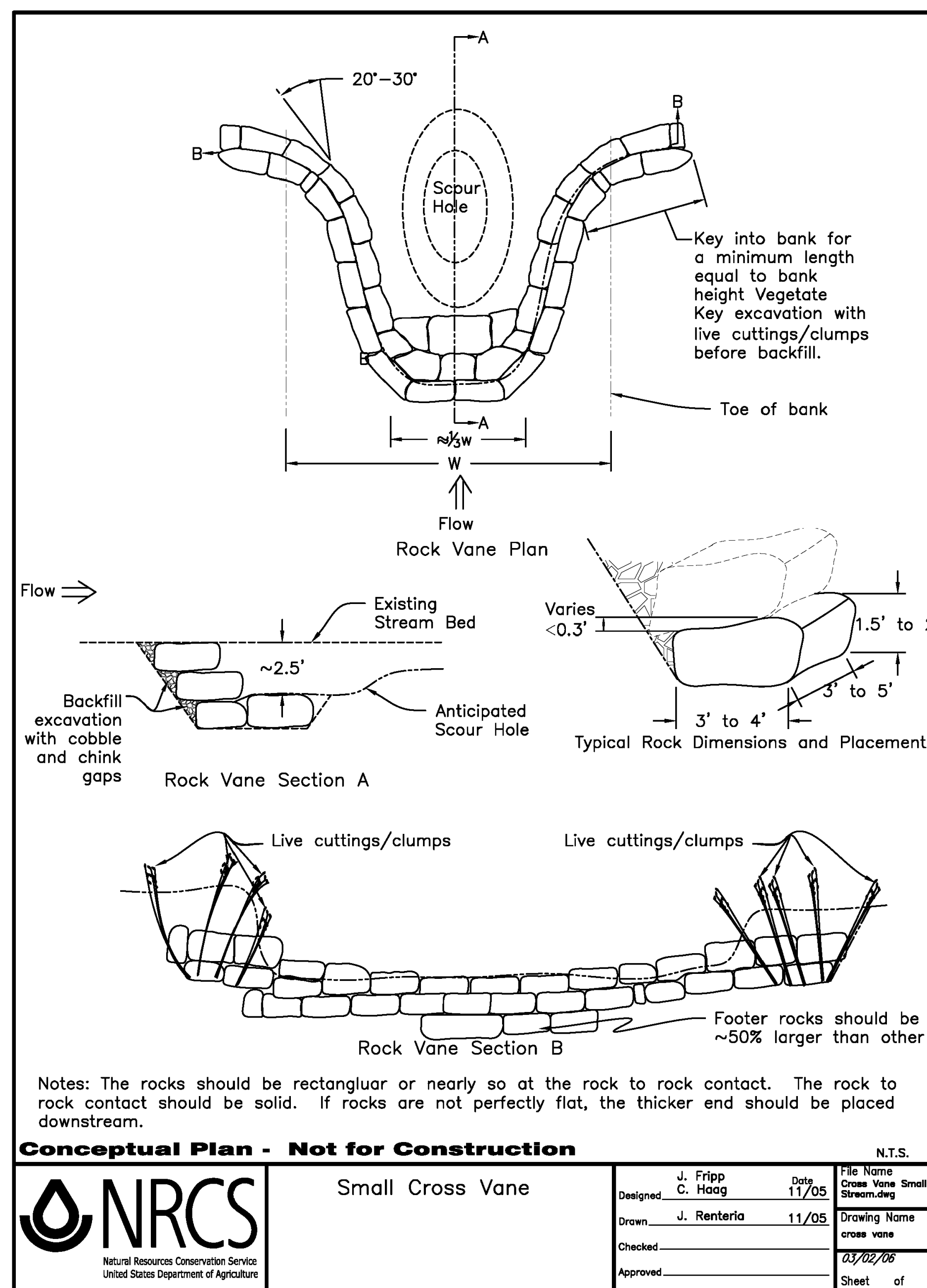
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 SCALE: 1"=60'

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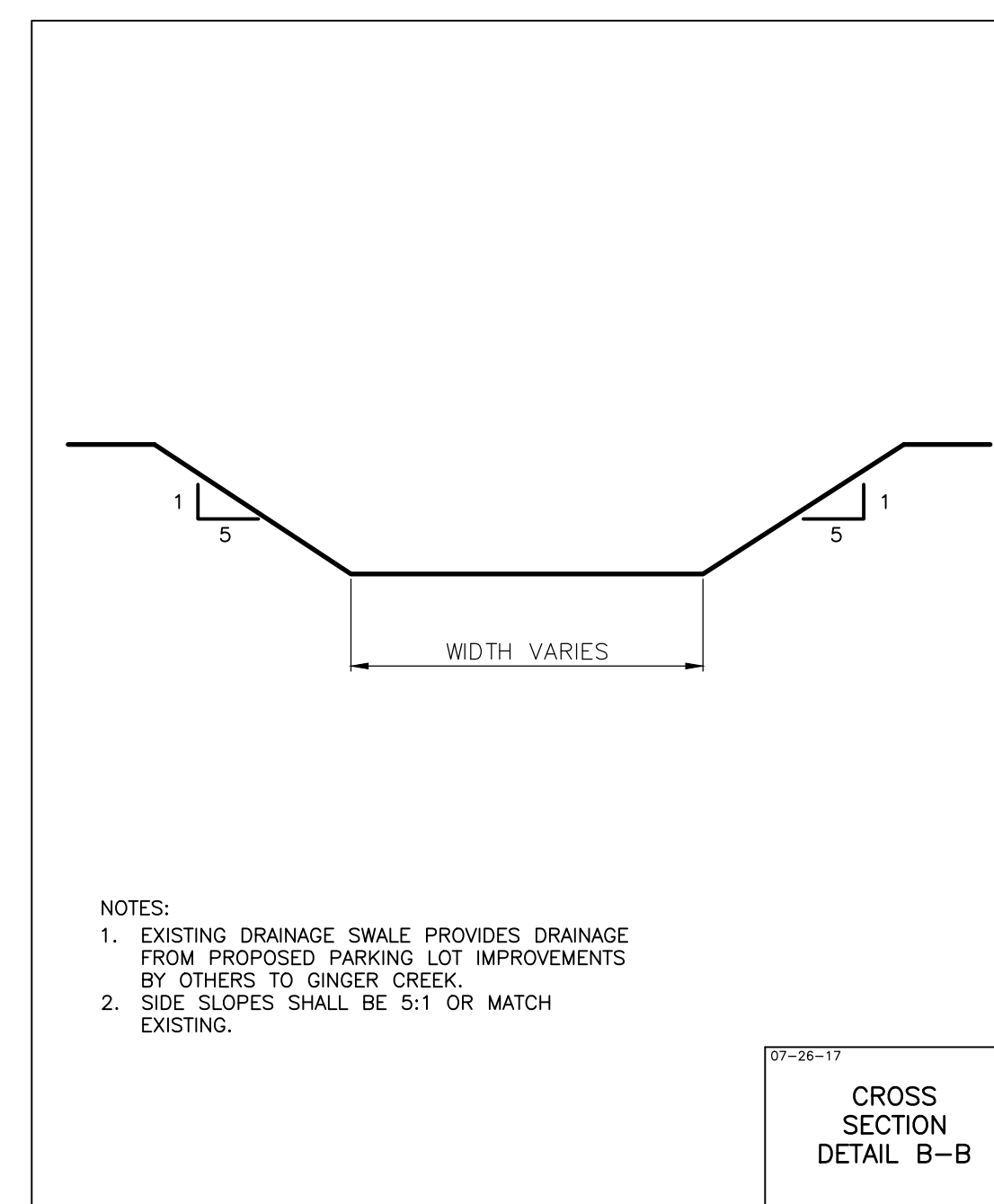
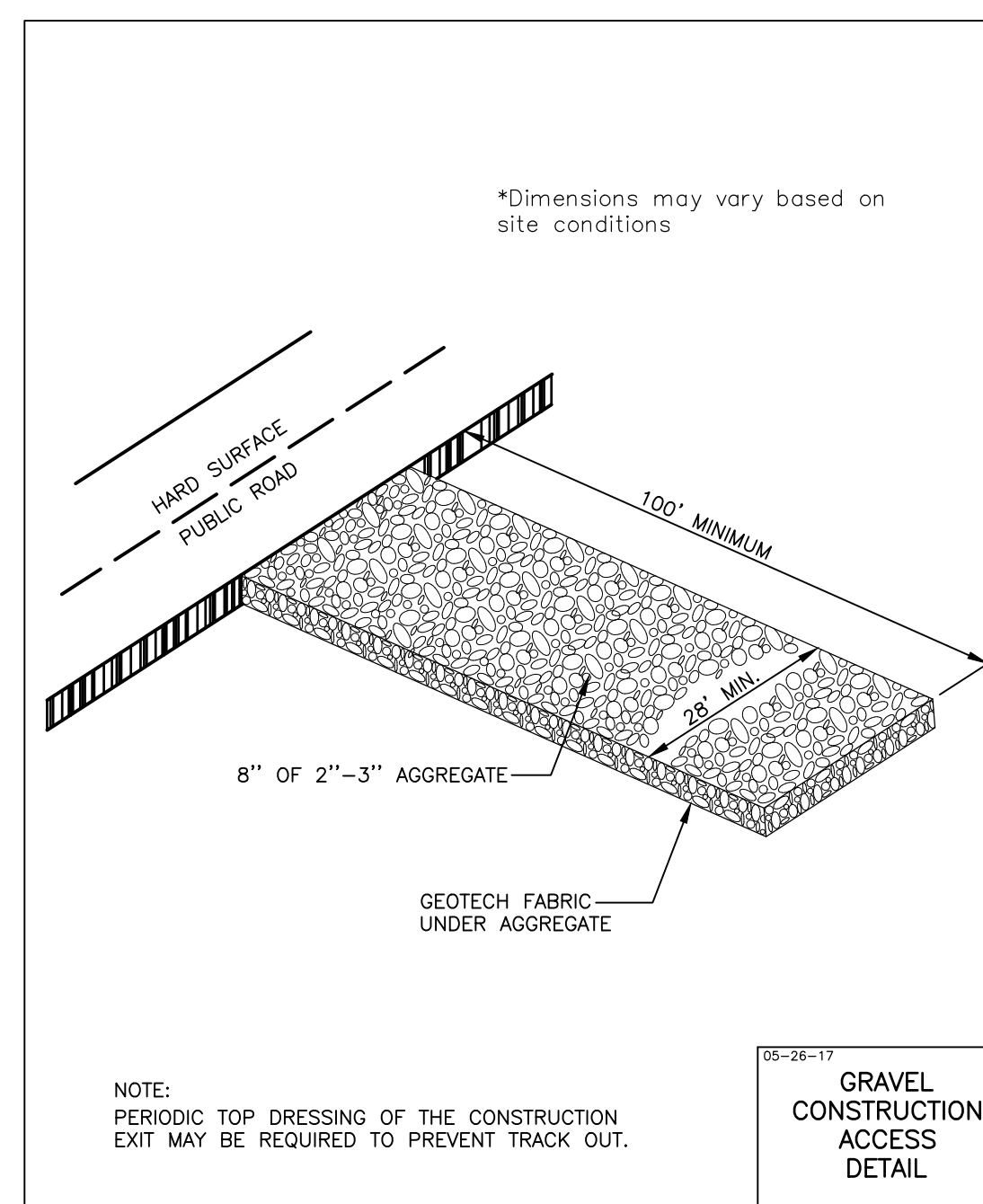
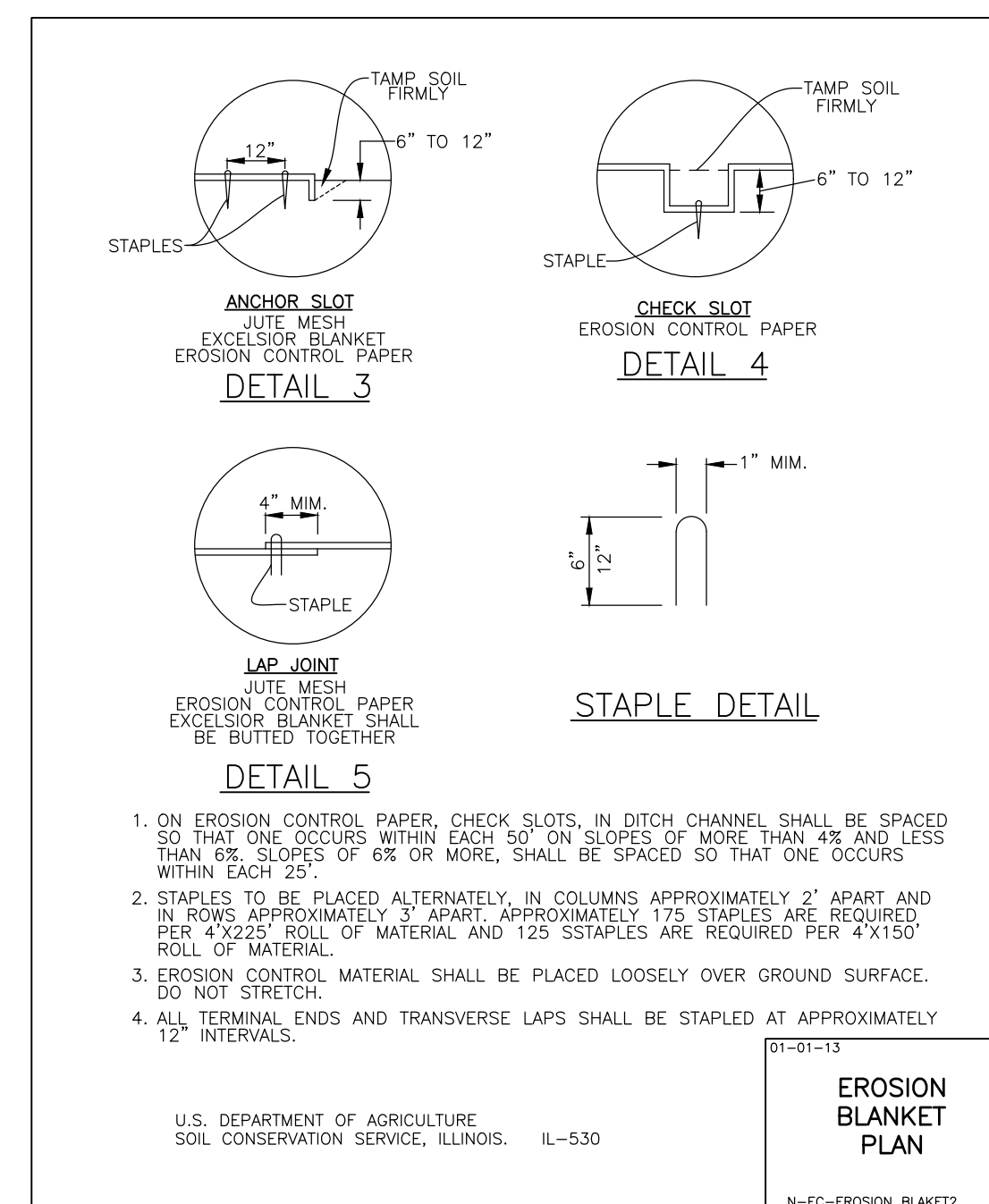
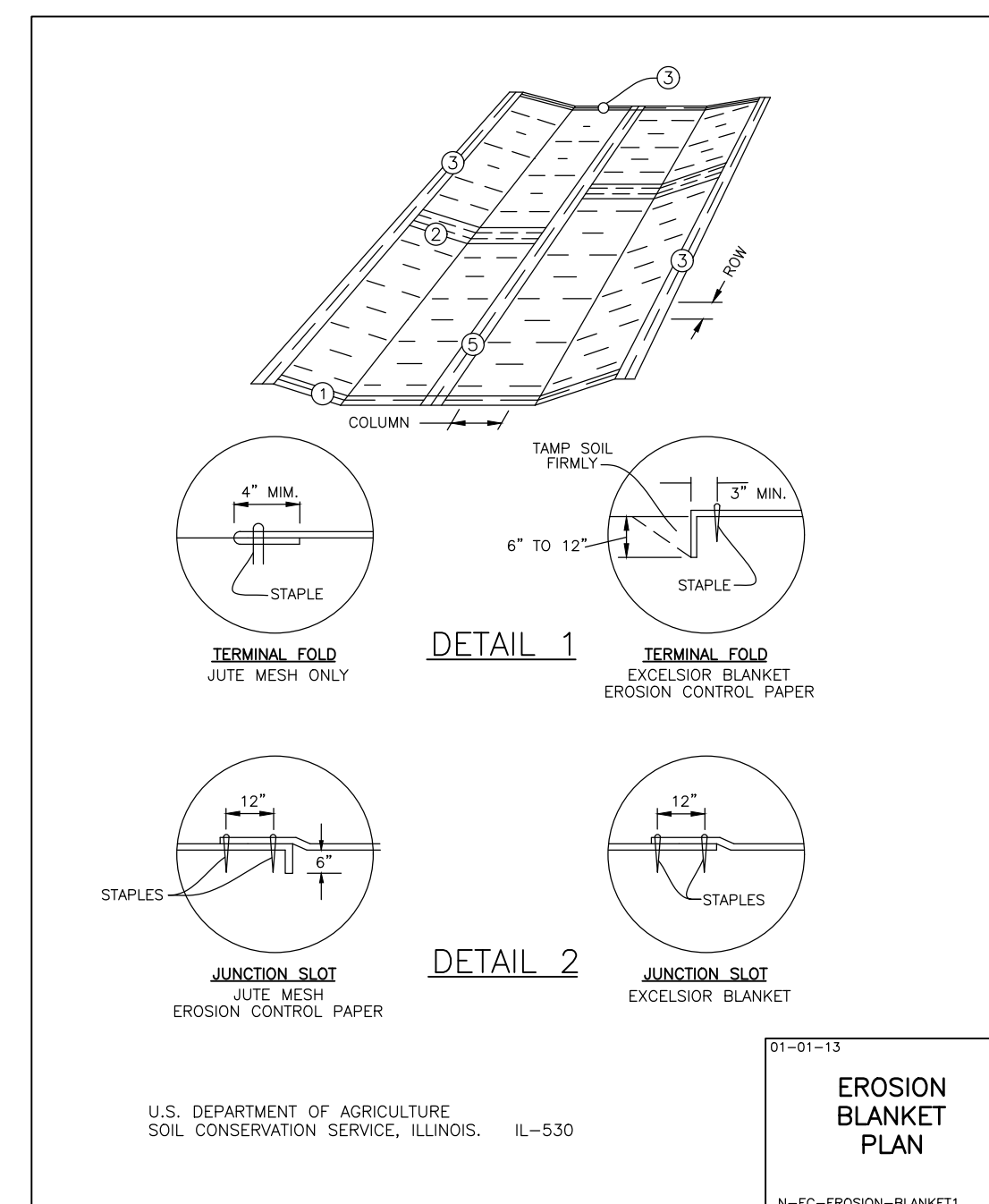
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- INSTALLATION:**
1. FINAL GRADE SHOULD BE SMOOTH, FREE OF ROCKS, STICKS, AND EXISTING VEGETATION
 2. DO NOT INSTALL ROOTCARPET ON HARD, COMPACTED SOIL.
 3. ROOTCARPET MATS MUST HAVE GOOD SOIL CONTACT AND BE IN CONTACT WITH WATER (AT THE NORMAL WATER LEVEL).
 4. IF INSTALLING IN A STREAM CHANNEL, UNROLL ROOTCARPET MATS STARTING DOWNSTREAM, WORKING UPSTREAM. LAY MATS LOOSELY AND DO NOT STRETCH. OVERLAP ROOTCARPET MATS SIMILARLY TO ROOF SHINGLES, 6" ON ENDS, 4" ON SIDES.
 5. SECURELY ANCHOR WITH 8" TO 12" STEEL TURN STAPLES OR HARDWOOD STAKES AS NEEDED TO MAINTAIN DIRECT CONTACT WITH SOIL.



Conceptual Plan - Not for Construction		N.T.S.	
		Small Cross Vane	
		Designed: J. Fripp C. Haag	Date: 11/05
Drawn: J. Renteria		11/05	
Checked:		Drawing Name: cross_vane	
Approved:		01/02/08	
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OAK BROOK P.D. GINGER CREEK DAM REMOVAL & RESTORATION

VILLAGE OF OAKBROOK, DUPAGE COUNTY, ILLINOIS

CONSTRUCTION DETAILS

PROJ MGR: JPD
 PROJ ASSOC: BRV
 DRAWN BY: ADJ
 DATE: 06-28-17
 SCALE: #

SHEET
6 OF **6**
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